

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043953.D
 Acq On : 22 Nov 2024 12:36
 Operator : JC/MD
 Sample : VX1122WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS01

Quant Time: Nov 22 22:19:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.543	168	122957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86659	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	113852	53.986	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.980%	
35) Dibromofluoromethane	5.379	113	82706	50.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.900%	
50) Toluene-d8	8.647	98	287688	50.911	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.820%	
62) 4-Bromofluorobenzene	11.079	95	96910	50.392	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.780%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	31130	19.985	ug/l	94
3) Chloromethane	1.294	50	34079	20.791	ug/l	98
4) Vinyl Chloride	1.373	62	36280	20.809	ug/l	100
5) Bromomethane	1.599	94	23111	21.548	ug/l	97
6) Chloroethane	1.666	64	24828	23.371	ug/l	100
7) Trichlorofluoromethane	1.873	101	60641	19.455	ug/l	97
8) Diethyl Ether	2.136	74	23915	21.050	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	30353	20.414	ug/l	97
10) Methyl Iodide	2.446	142	39789	21.427	ug/l	99
11) Tert butyl alcohol	2.989	59	34049	100.588	ug/l	100
12) 1,1-Dichloroethene	2.312	96	28927	20.417	ug/l	93
13) Acrolein	2.239	56	37938	106.330	ug/l	95
14) Allyl chloride	2.660	41	48638	21.009	ug/l	97
15) Acrylonitrile	3.062	53	85765	103.970	ug/l	99
16) Acetone	2.386	43	96805	99.942	ug/l	98
17) Carbon Disulfide	2.501	76	49804	17.041	ug/l #	95
18) Methyl Acetate	2.703	43	46269	20.512	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	110640	21.507	ug/l	99
20) Methylene Chloride	2.782	84	34071	20.728	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	30530	20.871	ug/l	95
22) Diisopropyl ether	3.757	45	109520	22.124	ug/l #	87
23) Vinyl Acetate	3.721	43	453316	107.047	ug/l	99
24) 1,1-Dichloroethane	3.605	63	60662	21.241	ug/l	98
25) 2-Butanone	4.562	43	130824	104.675	ug/l	100
26) 2,2-Dichloropropane	4.471	77	52043	20.178	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	37579	20.783	ug/l	99
28) Bromochloromethane	4.891	49	24947	19.846	ug/l	97
29) Tetrahydrofuran	5.007	42	79046	103.164	ug/l	99
30) Chloroform	5.086	83	66350	21.602	ug/l	97
31) Cyclohexane	5.458	56	46697	19.867	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	56657	21.390	ug/l	99
36) 1,1-Dichloropropene	5.684	75	41234	20.185	ug/l	97
37) Ethyl Acetate	4.714	43	49752	19.620	ug/l #	92
38) Carbon Tetrachloride	5.672	117	43324	18.875	ug/l	95
39) Methylcyclohexane	7.372	83	49229	18.550	ug/l	98
40) Benzene	6.031	78	129291	20.319	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	26340	20.295	ug/l #	93
42) 1,2-Dichloroethane	6.086	62	52905	20.702	ug/l	100
43) Isopropyl Acetate	6.342	43	81776	20.264	ug/l	100
44) Trichloroethene	7.122	130	30582	16.978	ug/l	89
45) 1,2-Dichloropropane	7.427	63	32777	21.032	ug/l	97
46) Dibromomethane	7.574	93	25316	20.535	ug/l	98
47) Bromodichloromethane	7.817	83	43925	19.866	ug/l	96
48) Methyl methacrylate	7.689	41	38226	19.741	ug/l	99
49) 1,4-Dioxane	7.665	88	11659	338.011	ug/l #	80
51) 4-Methyl-2-Pentanone	8.573	43	248440	100.883	ug/l	100
52) Toluene	8.714	92	77505	20.351	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	45015	19.965	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	48377	19.572	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	31640	20.126	ug/l	96
56) Ethyl methacrylate	9.116	69	49905	20.380	ug/l	98
57) 1,3-Dichloropropane	9.305	76	55597	20.993	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	122520	90.630	ug/l	98
59) 2-Hexanone	9.433	43	186272	100.633	ug/l	99
60) Dibromochloromethane	9.518	129	29549	18.733	ug/l	97
61) 1,2-Dibromoethane	9.610	107	32532	20.465	ug/l	98
64) Tetrachloroethene	9.274	164	26135	20.270	ug/l	98
65) Chlorobenzene	10.079	112	85495	19.908	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	28882	20.737	ug/l	97
67) Ethyl Benzene	10.189	91	148481	20.404	ug/l	99
68) m/p-Xylenes	10.299	106	109390	40.309	ug/l	98
69) o-Xylene	10.640	106	54754	20.665	ug/l	99
70) Styrene	10.652	104	90186	20.579	ug/l	98
71) Bromoform	10.799	173	16436	16.936	ug/l #	94
73) Isopropylbenzene	10.963	105	140447	21.084	ug/l	100
74) N-amyl acetate	10.841	43	63571	20.600	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	49179	21.561	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39969m	21.032	ug/l	
77) Bromobenzene	11.195	156	32930	20.723	ug/l	96
78) n-propylbenzene	11.305	91	155584	20.912	ug/l	100
79) 2-Chlorotoluene	11.366	91	100875	21.442	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	119899	21.878	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	11627	16.695	ug/l #	84
82) 4-Chlorotoluene	11.451	91	112420	21.166	ug/l	99
83) tert-Butylbenzene	11.713	119	114224	21.028	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	116894	21.424	ug/l	99
85) sec-Butylbenzene	11.890	105	136947	20.577	ug/l	99
86) p-Isopropyltoluene	12.006	119	114908	21.255	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	59626	20.602	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	58980	19.988	ug/l	95
89) n-Butylbenzene	12.329	91	99700	20.917	ug/l	97
90) Hexachloroethane	12.536	117	17220	18.732	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	60326	20.654	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7938	17.368	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	33614	19.521	ug/l	98
94) Hexachlorobutadiene	13.725	225	13463	19.782	ug/l	98
95) Naphthalene	13.774	128	124279	20.050	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	35212	20.203	ug/l	97

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

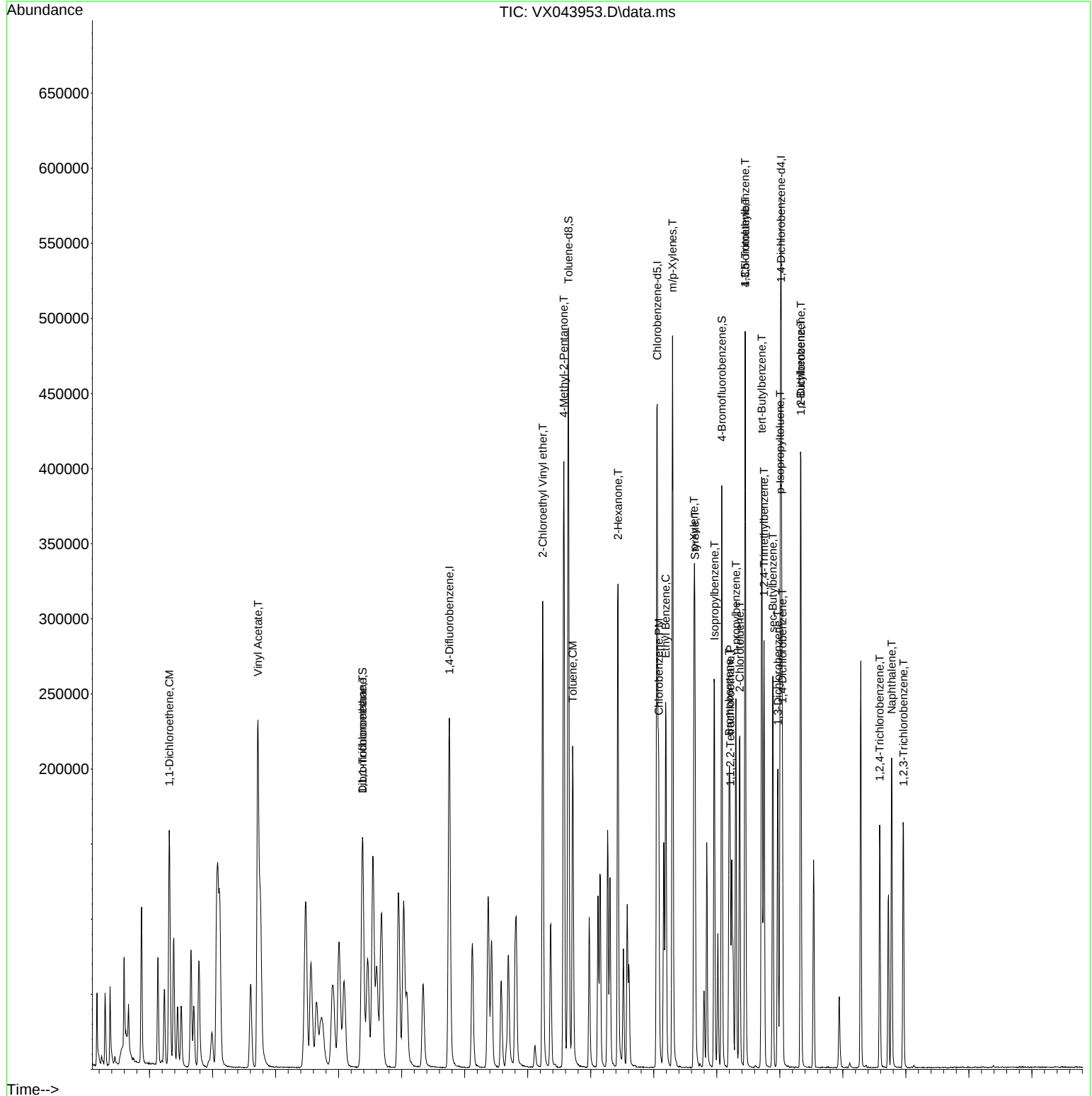
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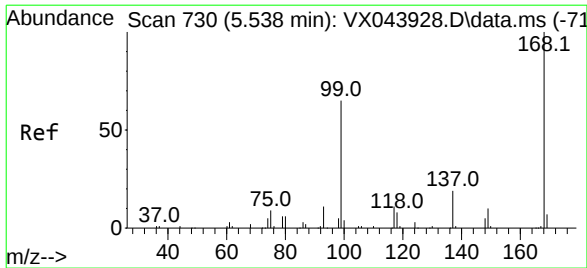
Instrument :
MSVOA_X
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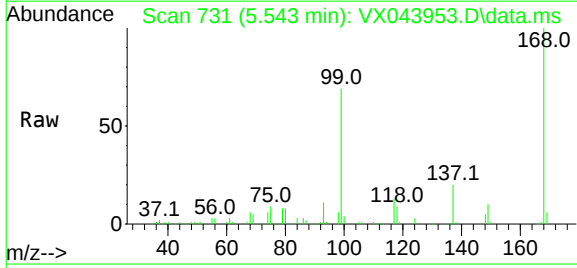
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.005 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

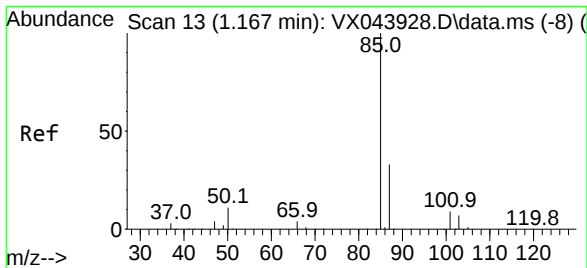
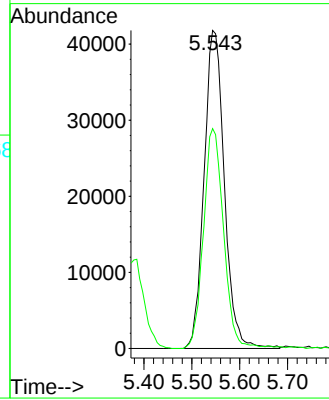
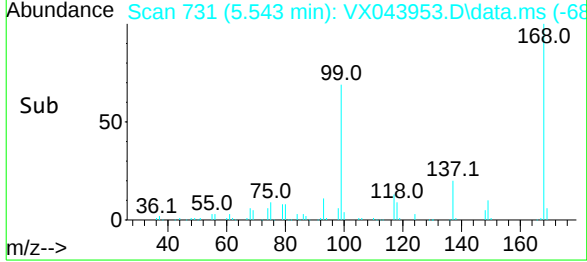
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01



Tgt Ion: 168 Resp: 122957
Ion Ratio Lower Upper
168 100
99 69.1 51.8 77.8

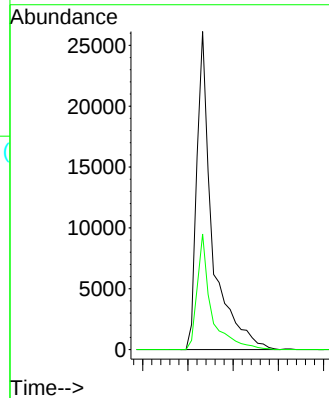
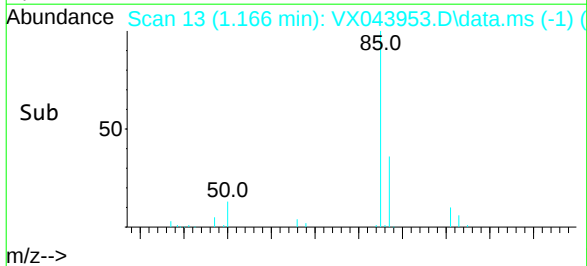
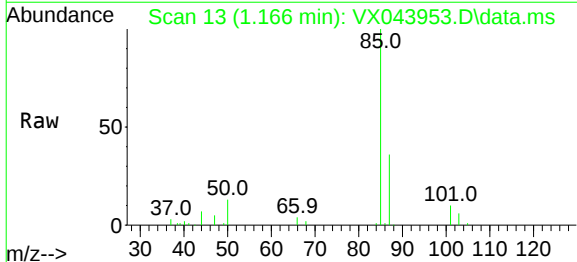
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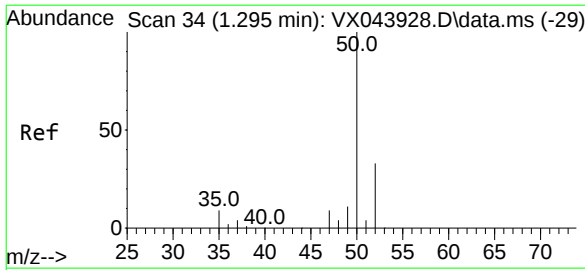
Reviewed By : John Carlone 11/25/2024
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#2
Dichlorodifluoromethane
Concen: 19.985 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion: 85 Resp: 31130
Ion Ratio Lower Upper
85 100
87 36.3 16.6 49.8





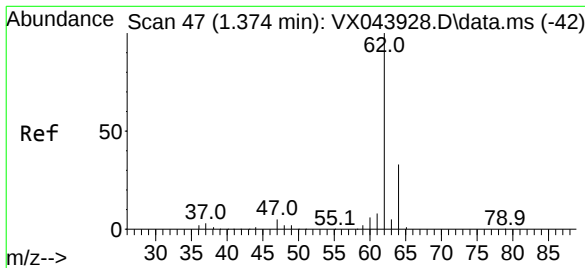
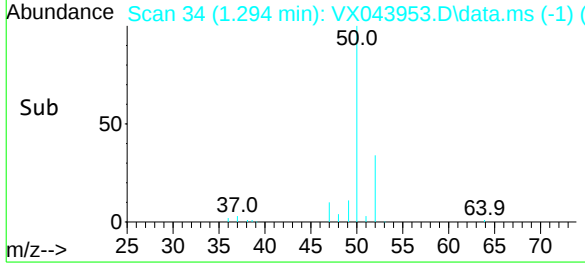
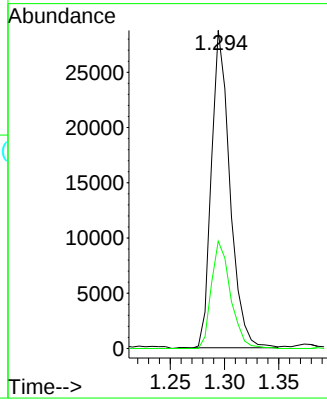
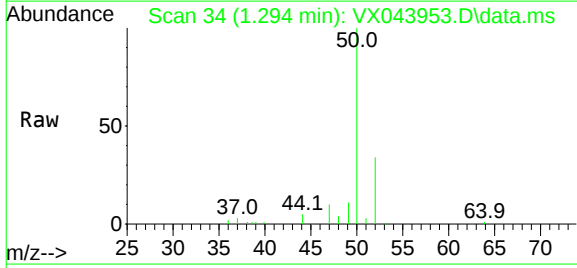
#3
Chloromethane
Concen: 20.791 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Tgt Ion: 50 Resp: 34079
Ion Ratio Lower Upper
50 100
52 33.8 26.1 39.1

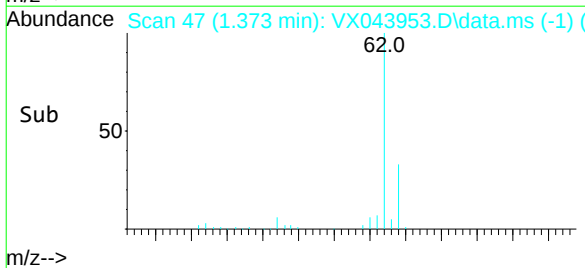
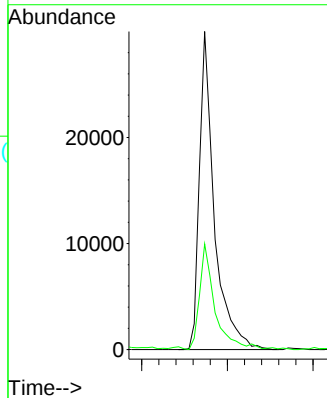
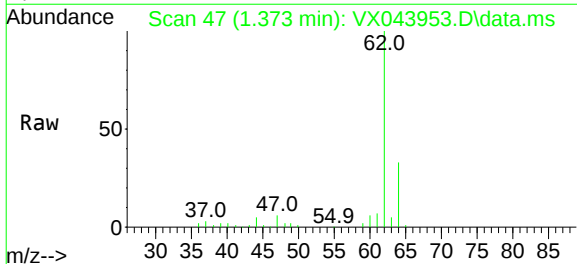
Manual Integrations
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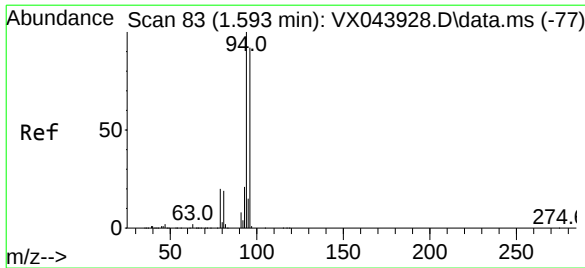
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#4
Vinyl Chloride
Concen: 20.809 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion: 62 Resp: 36280
Ion Ratio Lower Upper
62 100
64 33.0 26.2 39.4





#5

Bromomethane

Concen: 21.548 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

Tgt Ion: 94 Resp: 23111

Ion Ratio Lower Upper

94 100

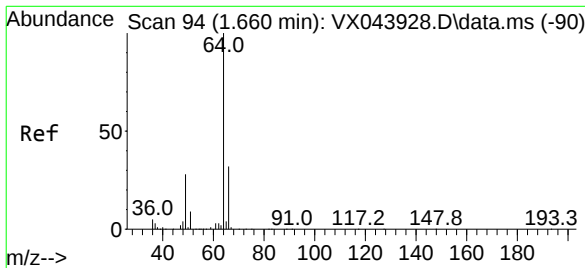
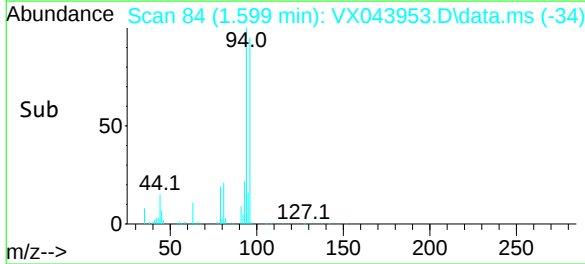
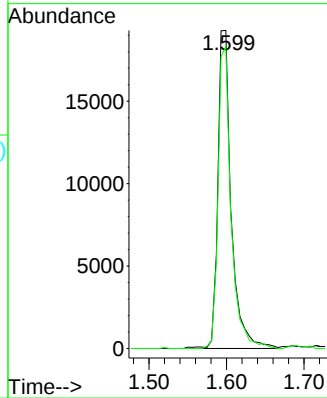
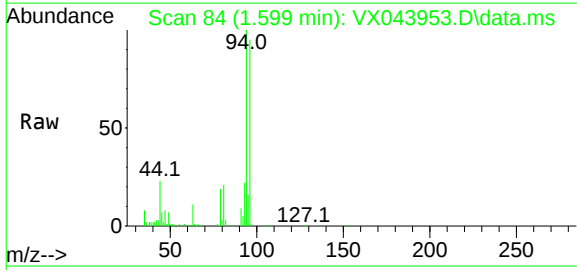
96 94.9 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 23.371 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.006 min

Lab File: VX043953.D

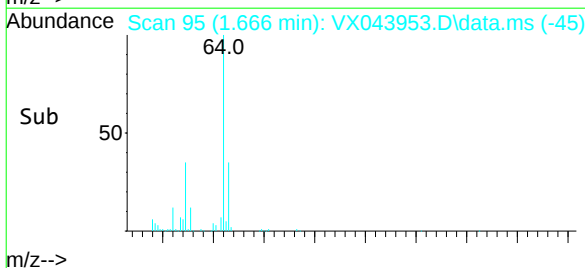
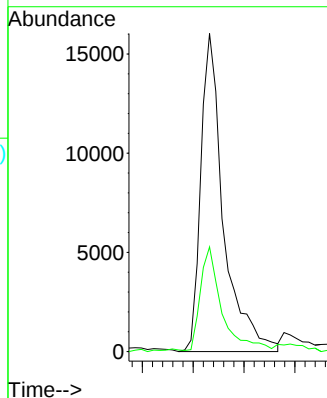
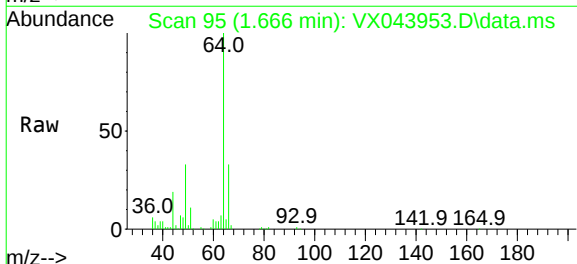
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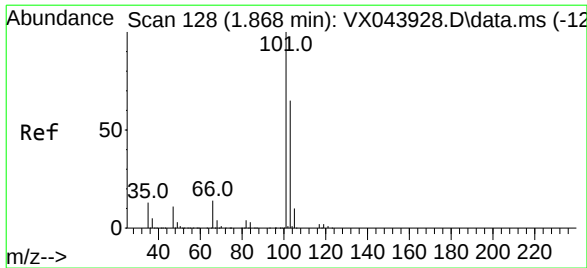
Tgt Ion: 64 Resp: 24828

Ion Ratio Lower Upper

64 100

66 32.4 25.9 38.9





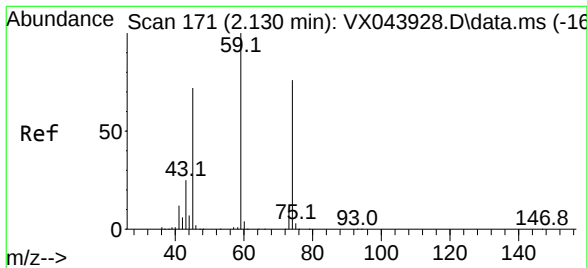
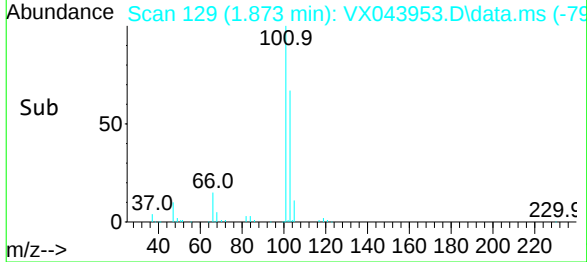
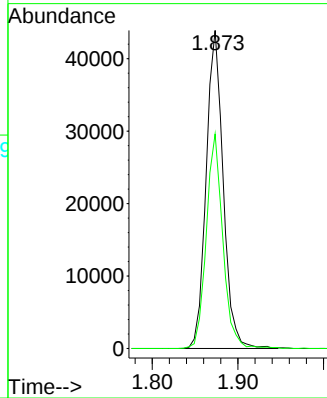
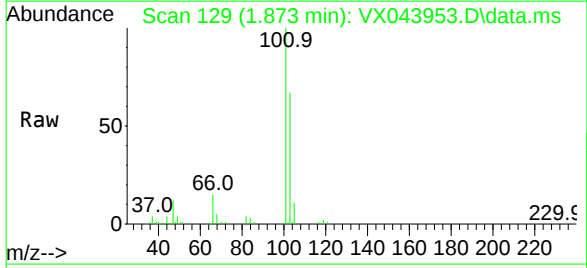
#7
Trichlorofluoromethane
Concen: 19.455 ug/l
RT: 1.873 min Scan# 12
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Tgt Ion:101 Resp: 60641
Ion Ratio Lower Upper
101 100
103 67.5 52.2 78.2

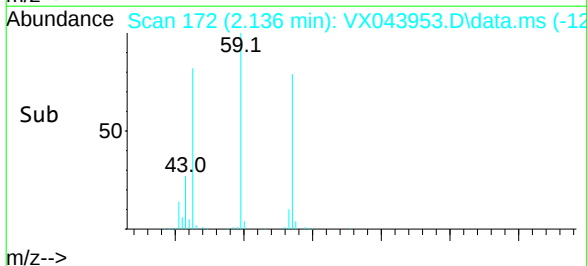
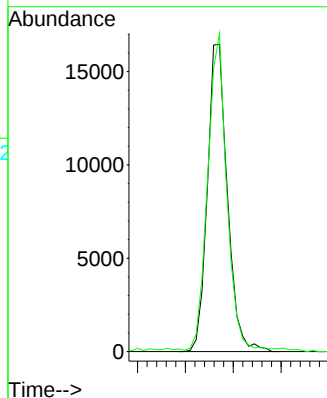
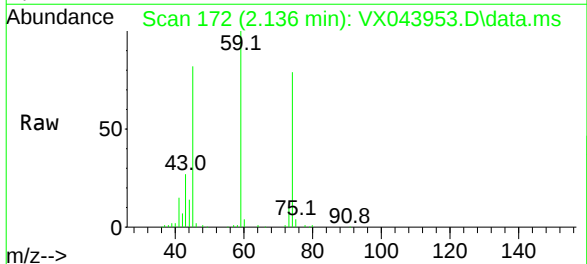
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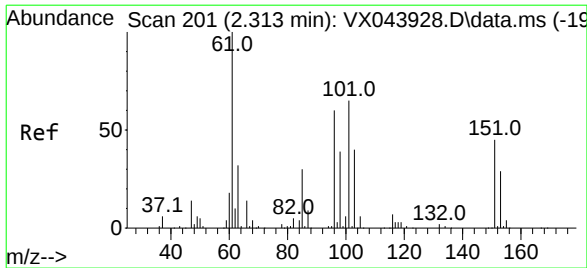
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#8
Diethyl Ether
Concen: 21.050 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion: 74 Resp: 23915
Ion Ratio Lower Upper
74 100
45 97.7 47.9 143.6





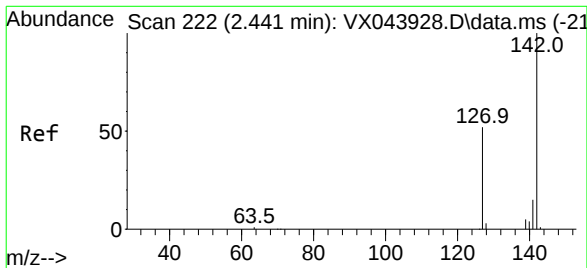
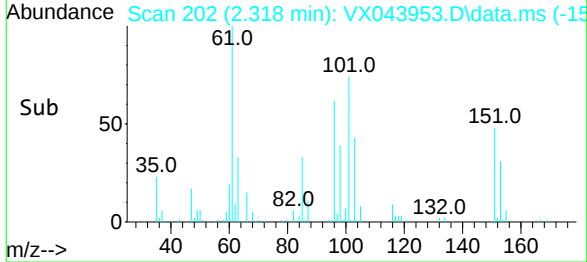
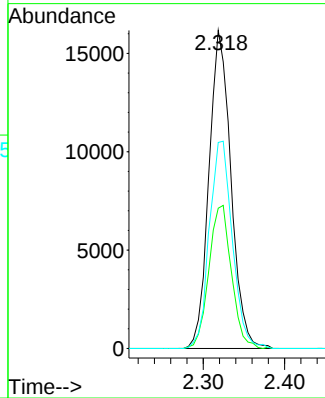
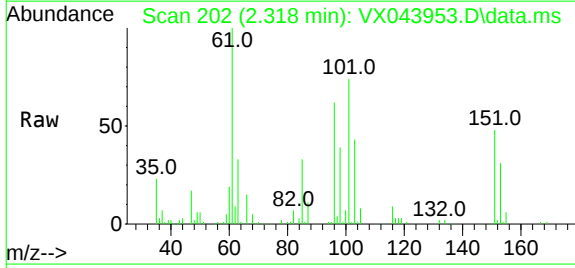
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.414 ug/l
RT: 2.318 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Tgt Ion:101 Resp: 30353
Ion Ratio Lower Upper
101 100
85 46.1 37.9 56.9
151 68.2 57.5 86.3

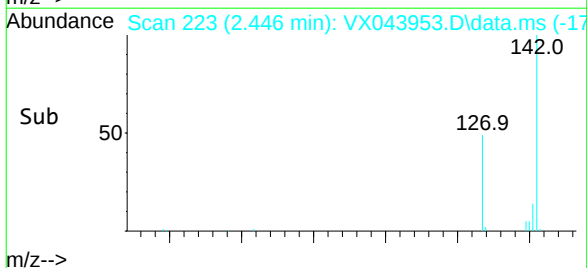
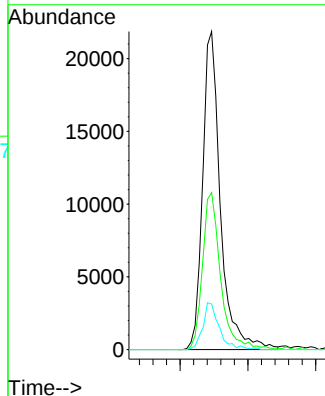
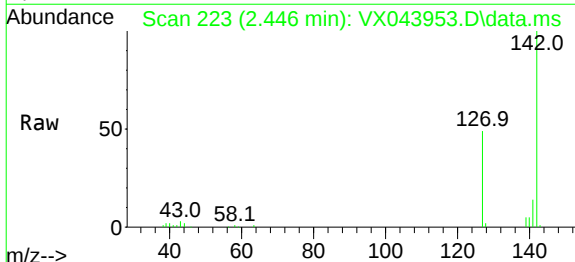
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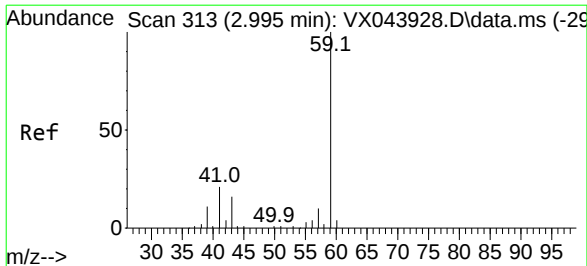
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#10
Methyl Iodide
Concen: 21.427 ug/l
RT: 2.446 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion:142 Resp: 39789
Ion Ratio Lower Upper
142 100
127 50.4 40.7 61.1
141 13.8 12.0 18.0





#11

Tert butyl alcohol

Concen: 100.588 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

Tgt Ion: 59 Resp: 34049

Ion Ratio Lower Upper

59 100

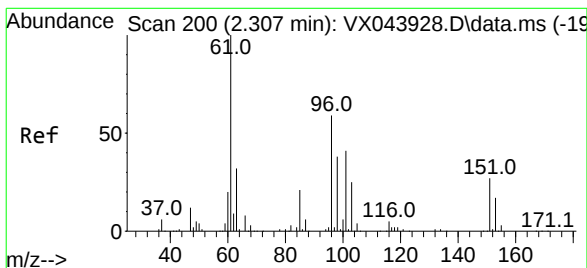
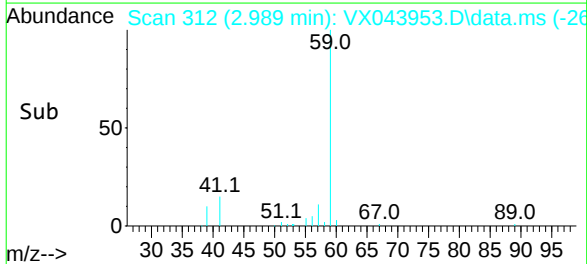
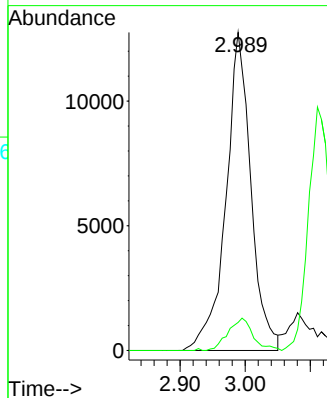
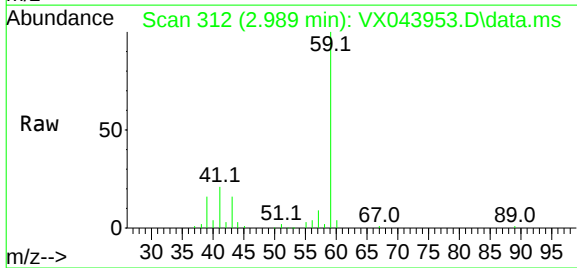
57 10.1 7.9 11.9

Manual Integrations

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Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#12

1,1-Dichloroethene

Concen: 20.417 ug/l

RT: 2.312 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

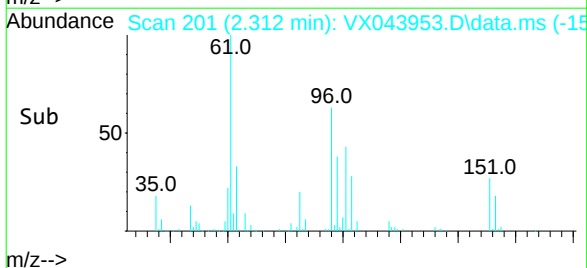
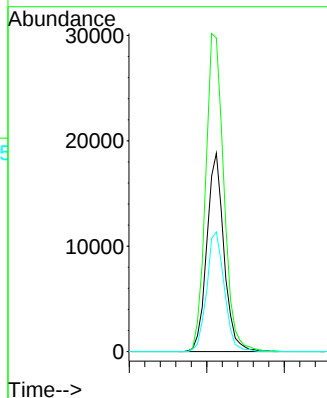
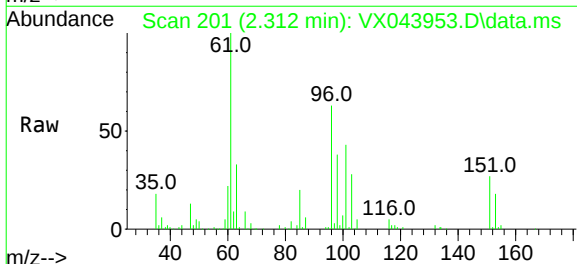
Tgt Ion: 96 Resp: 28927

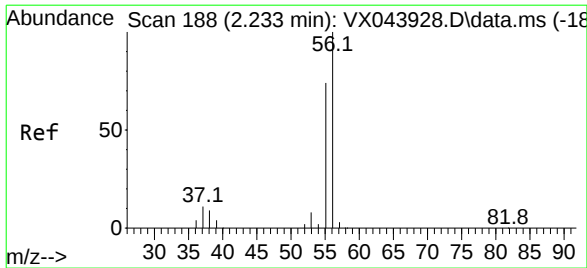
Ion Ratio Lower Upper

96 100

61 158.0 135.5 203.3

98 60.3 50.8 76.2





#13

Acrolein

Concen: 106.330 ug/l

RT: 2.239 min Scan# 18

Delta R.T. 0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

Tgt Ion: 56 Resp: 37938

Ion Ratio Lower Upper

56 100

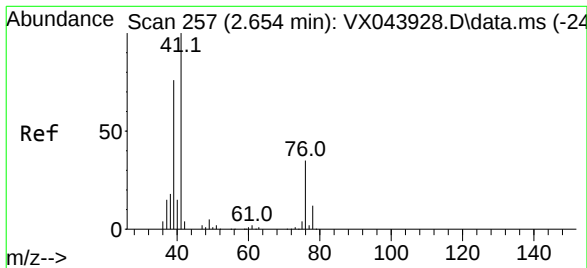
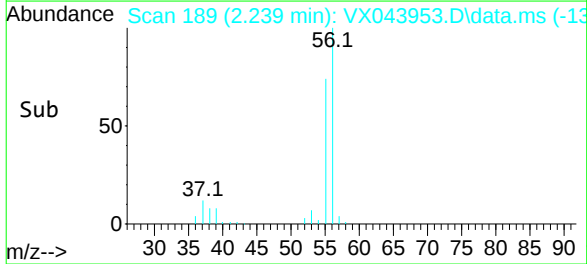
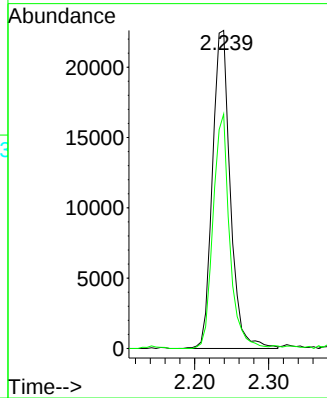
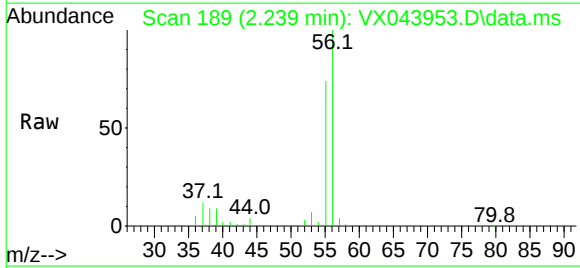
55 68.4 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#14

Allyl chloride

Concen: 21.009 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

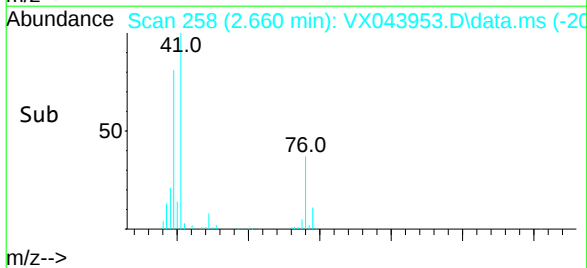
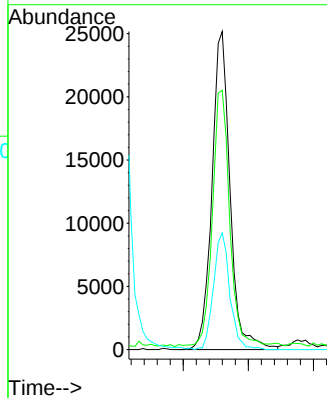
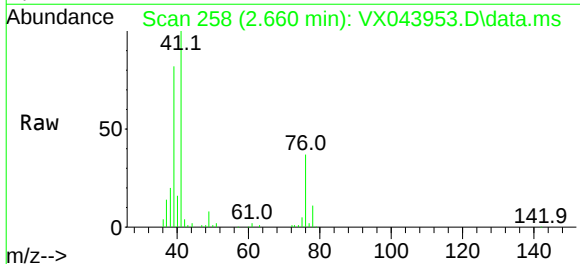
Tgt Ion: 41 Resp: 48638

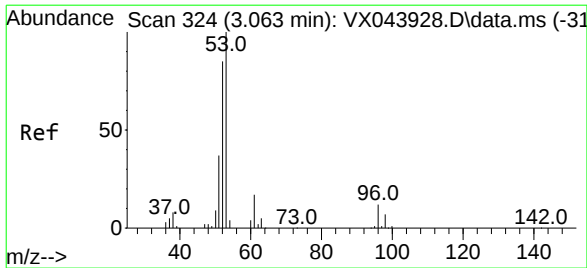
Ion Ratio Lower Upper

41 100

39 77.4 59.5 89.3

76 33.1 27.4 41.2





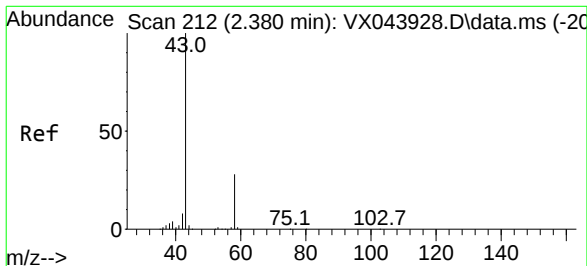
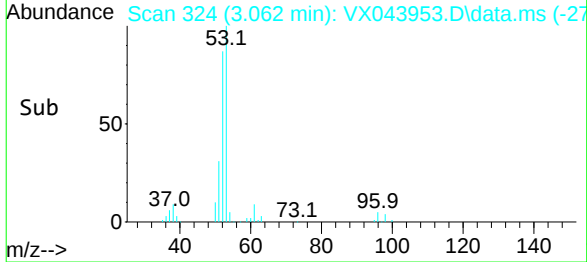
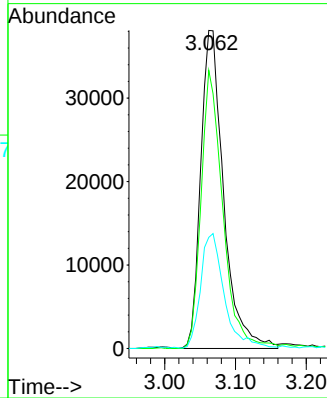
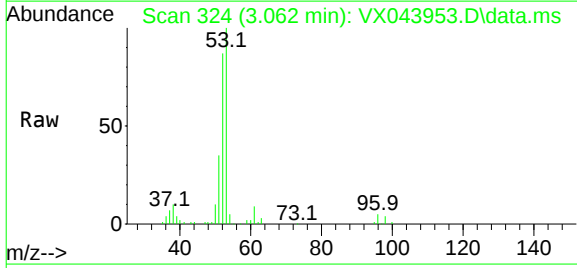
#15
Acrylonitrile
Concen: 103.970 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.5	99.7
51	36.9	30.2	45.4

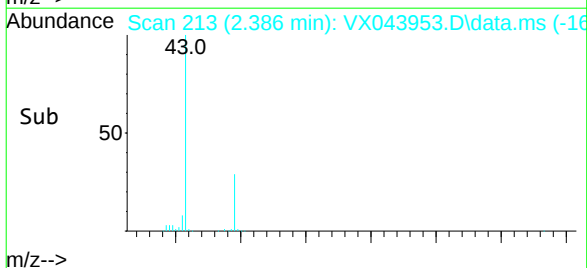
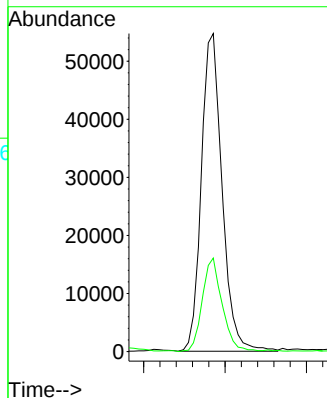
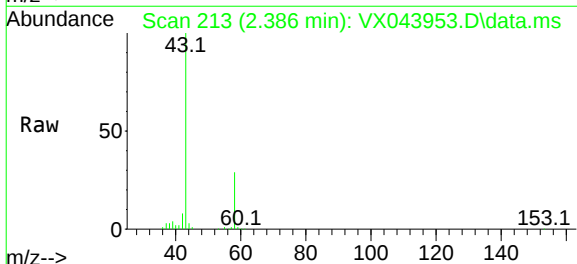
Manual Integrations
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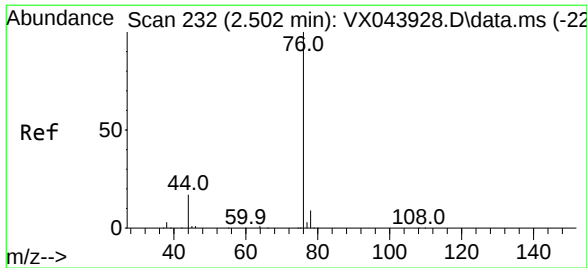
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#16
Acetone
Concen: 99.942 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.7	34.1





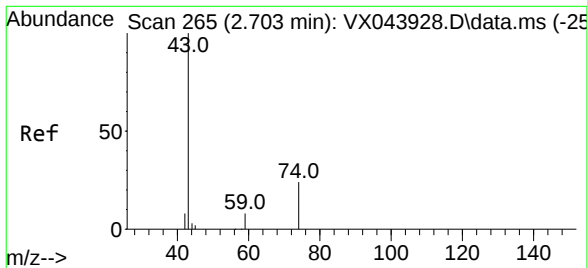
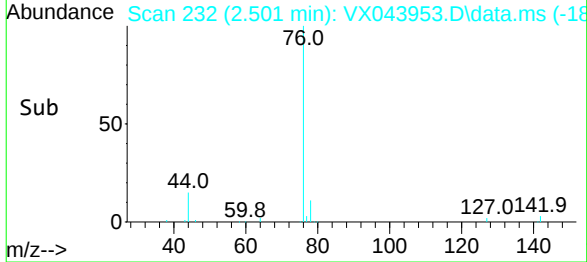
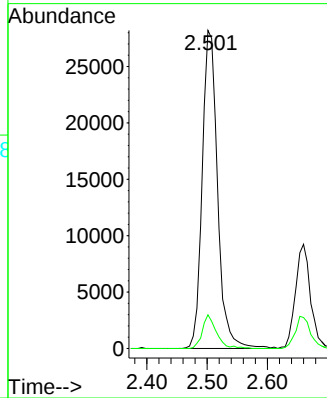
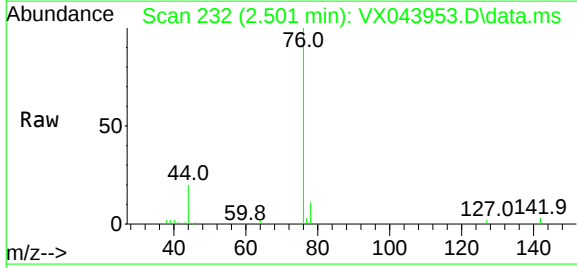
#17
Carbon Disulfide
Concen: 17.041 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Tgt Ion: 76 Resp: 49804
Ion Ratio Lower Upper
76 100
78 10.6 7.0 10.6#

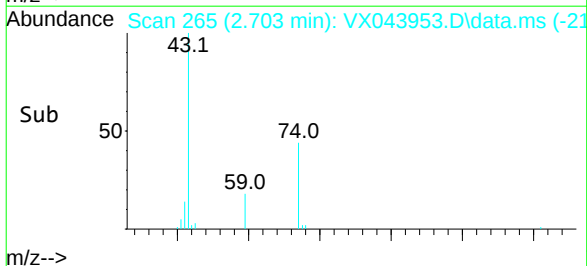
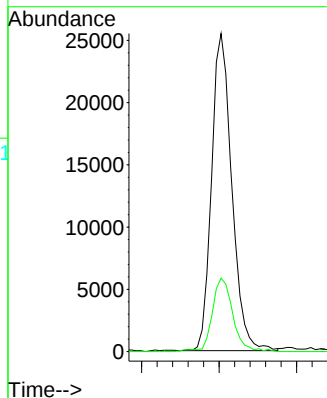
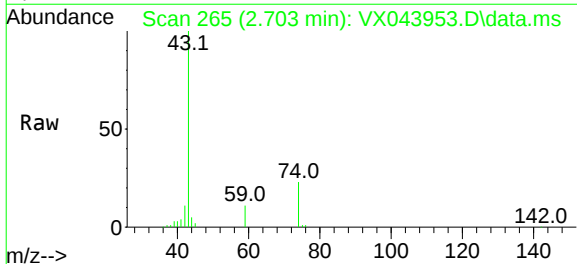
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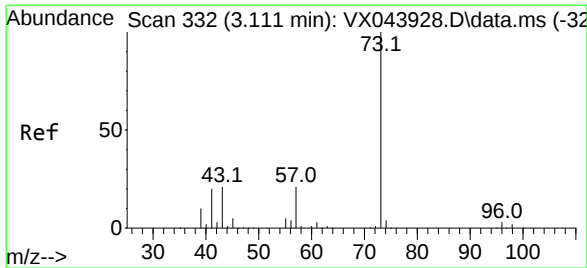
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#18
Methyl Acetate
Concen: 20.512 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

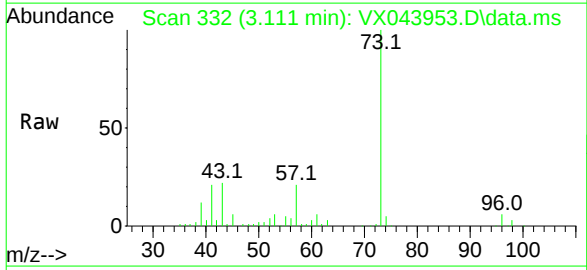
Tgt Ion: 43 Resp: 46269
Ion Ratio Lower Upper
43 100
74 23.5 18.9 28.3





#19
Methyl tert-butyl Ether
Concen: 21.507 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

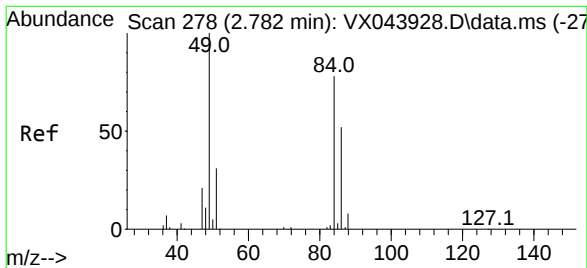
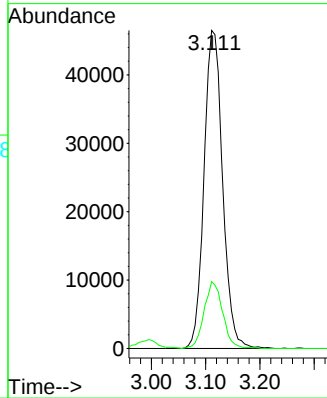
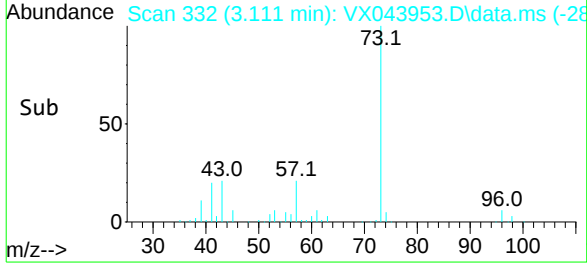
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01



Tgt Ion: 73 Resp: 110640
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.6

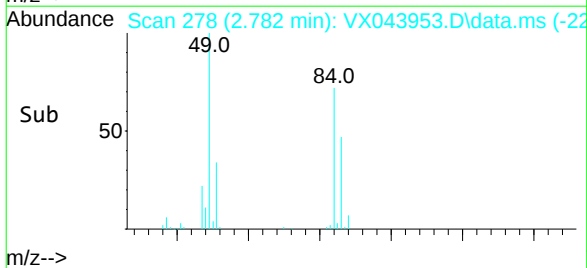
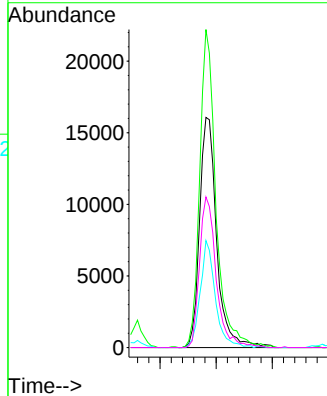
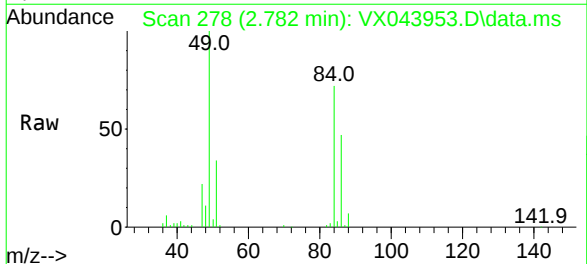
Manual Integrations
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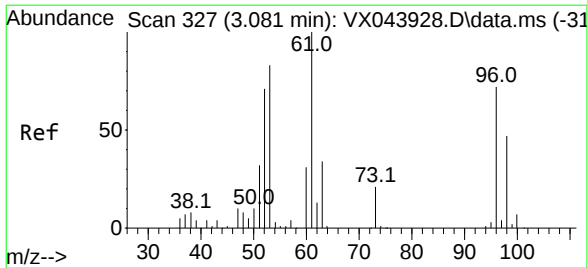
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#20
Methylene Chloride
Concen: 20.728 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion: 84 Resp: 34071
Ion Ratio Lower Upper
84 100
49 138.2 102.7 154.1
51 46.5 31.7 47.5
86 65.4 53.9 80.9





#21

trans-1,2-Dichloroethene

Concen: 20.871 ug/l

RT: 3.087 min Scan# 327

Delta R.T. 0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

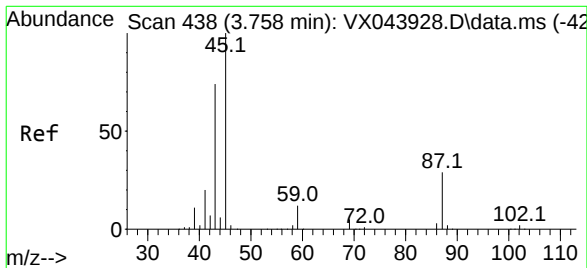
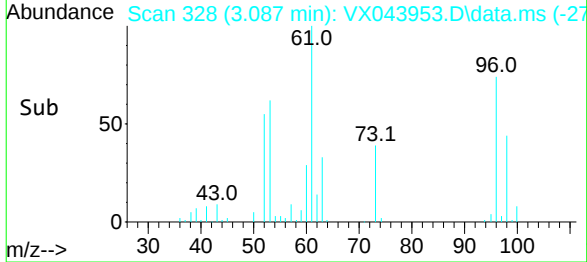
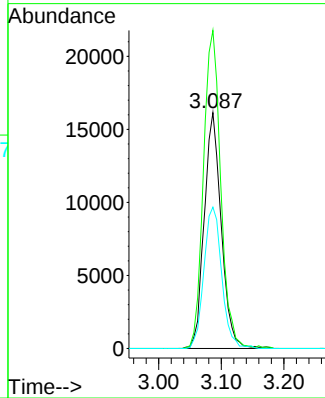
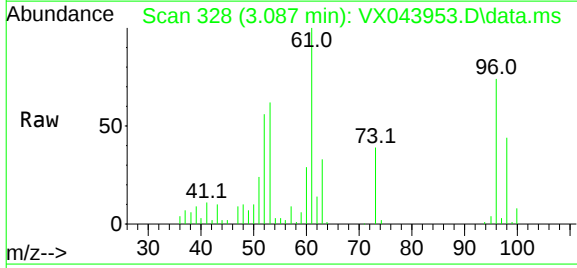
Tgt Ion:	96	Resp:	30530
Ion	Ratio	Lower	Upper
96	100		
61	134.8	111.8	167.6
98	59.9	52.7	79.1

Manual Integrations

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Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#22

Diisopropyl ether

Concen: 22.124 ug/l

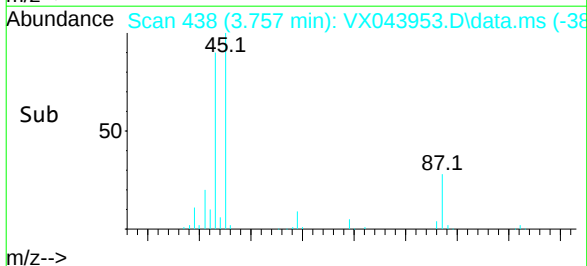
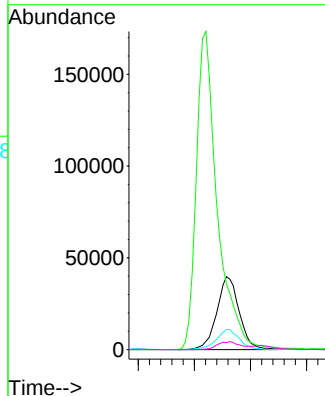
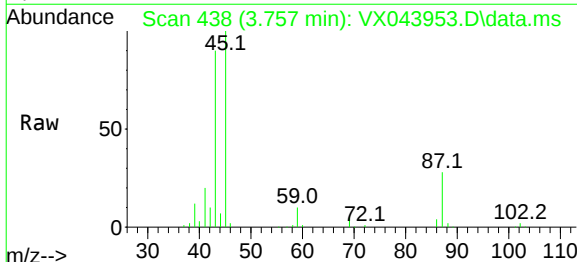
RT: 3.757 min Scan# 438

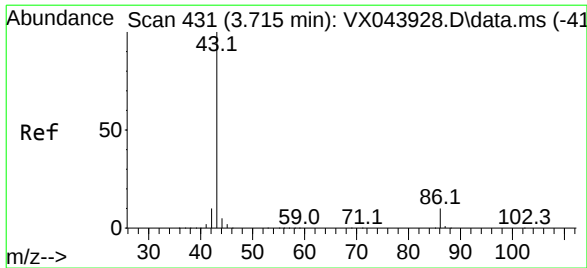
Delta R.T. -0.000 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Tgt Ion:	45	Resp:	109520
Ion	Ratio	Lower	Upper
45	100		
43	89.8	59.6	89.4#
87	27.5	22.9	34.3
59	9.6	9.8	14.6#





#23

Vinyl Acetate

Concen: 107.047 ug/l

RT: 3.721 min Scan# 43

Delta R.T. 0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

Tgt Ion: 43 Resp: 453316

Ion Ratio Lower Upper

43 100

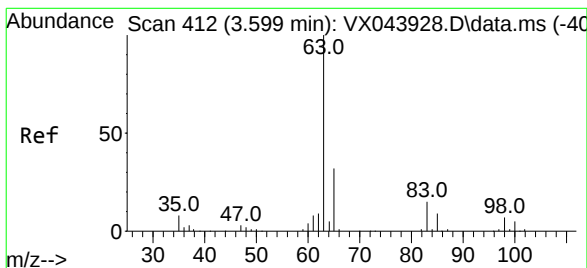
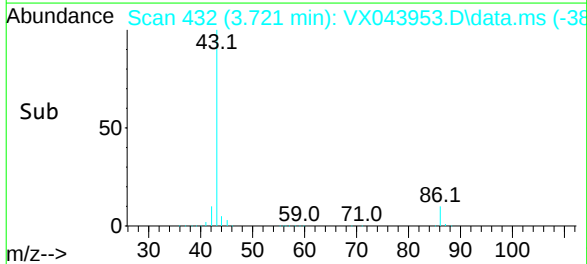
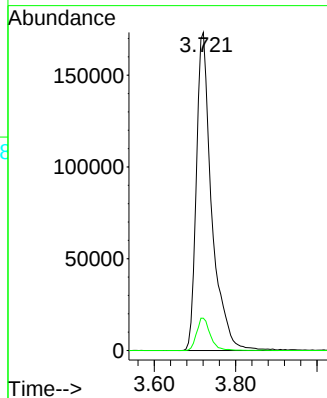
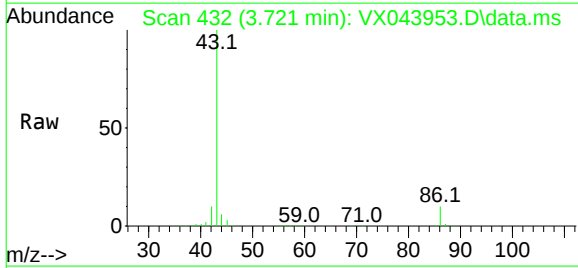
86 10.1 8.3 12.5

Manual Integrations

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Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#24

1,1-Dichloroethane

Concen: 21.241 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

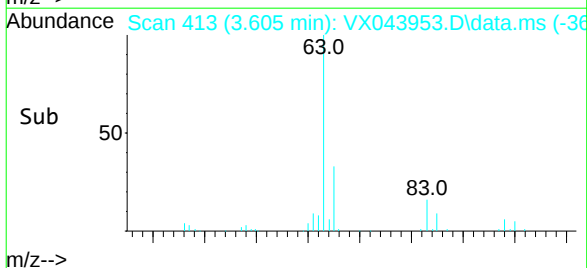
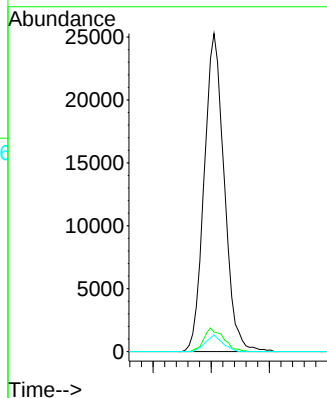
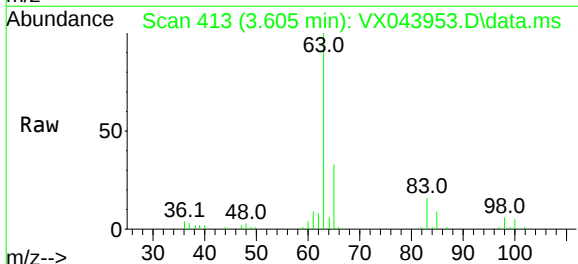
Tgt Ion: 63 Resp: 60662

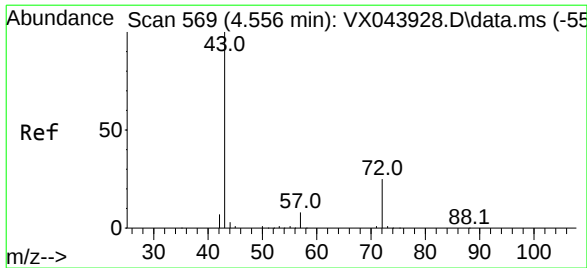
Ion Ratio Lower Upper

63 100

98 6.2 3.5 10.6

100 5.2 2.4 7.1





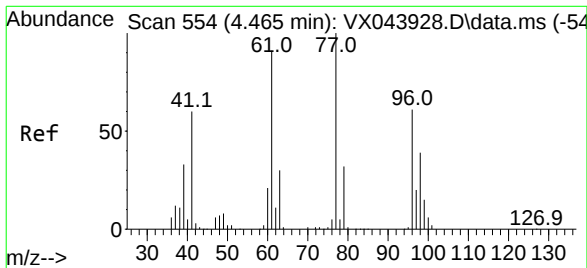
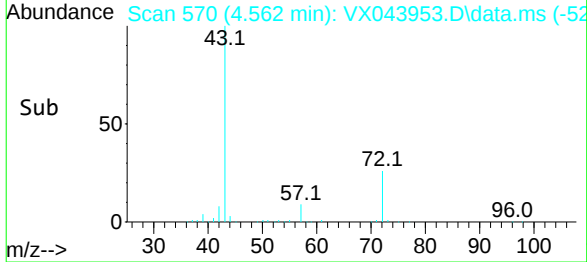
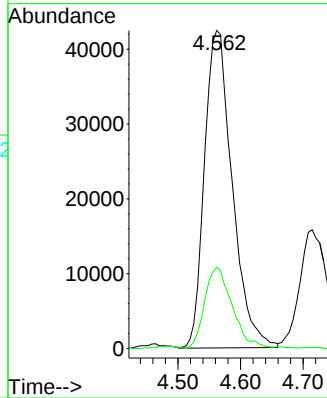
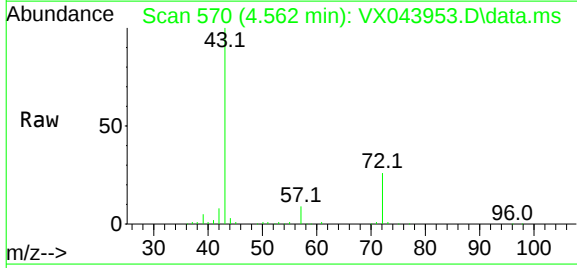
#25
2-Butanone
Concen: 104.675 ug/l
RT: 4.562 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Tgt Ion: 43 Resp: 130824
Ion Ratio Lower Upper
43 100
72 25.3 20.2 30.2

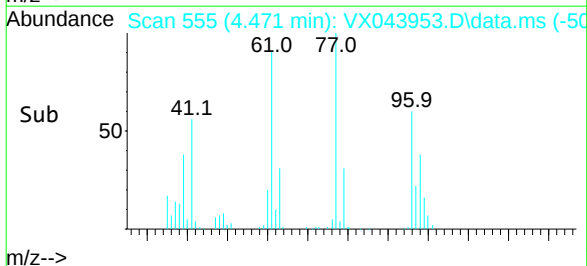
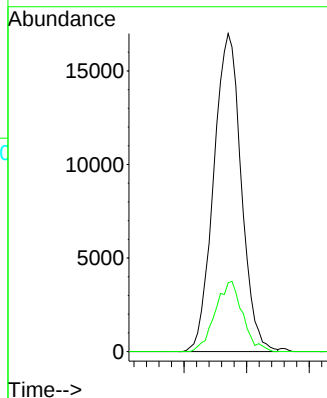
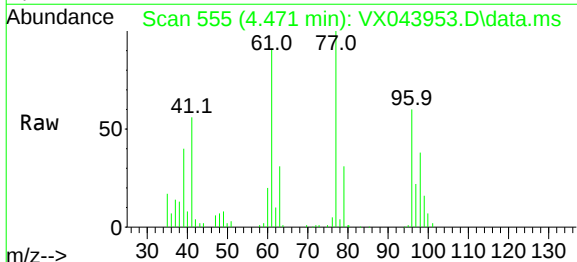
Manual Integrations
APPROVED

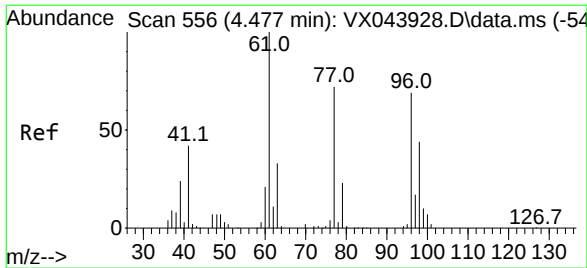
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#26
2,2-Dichloropropane
Concen: 20.178 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

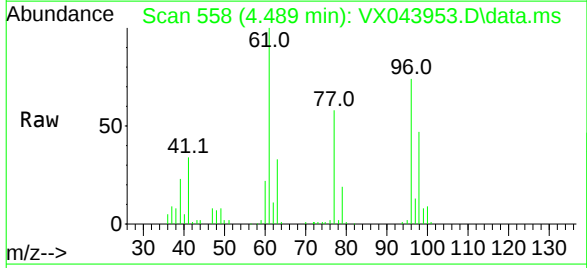
Tgt Ion: 77 Resp: 52043
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 20.783 ug/l
RT: 4.489 min Scan# 556
Delta R.T. 0.012 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

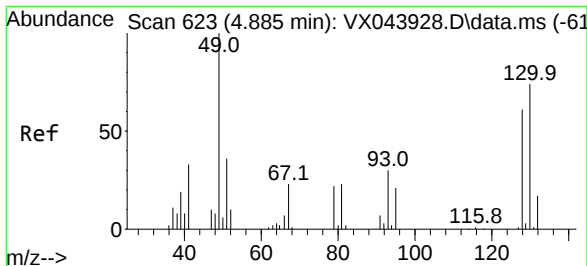
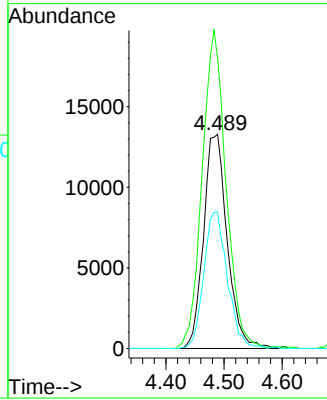
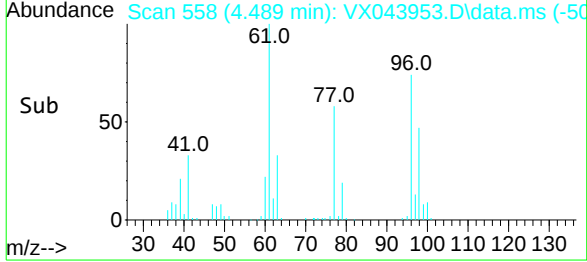
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01



Tgt Ion: 96 Resp: 37579
Ion Ratio Lower Upper
96 100
61 149.8 0.0 297.4
98 63.7 0.0 127.8

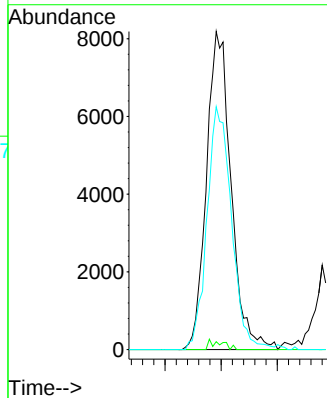
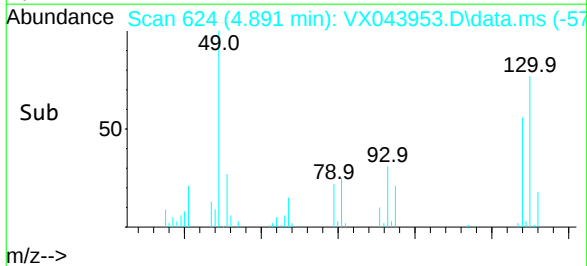
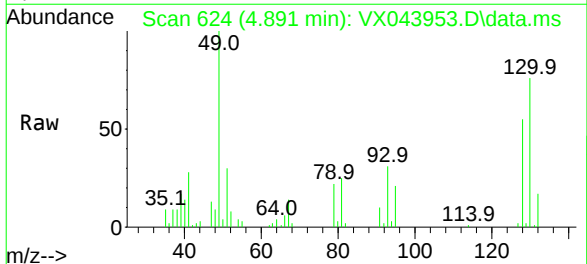
Manual Integrations
APPROVED

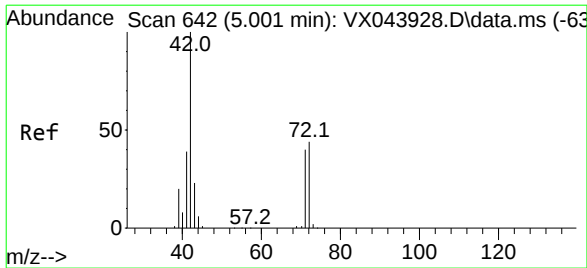
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#28
Bromochloromethane
Concen: 19.846 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion: 49 Resp: 24947
Ion Ratio Lower Upper
49 100
129 0.5 0.0 4.0
130 76.0 59.0 88.6





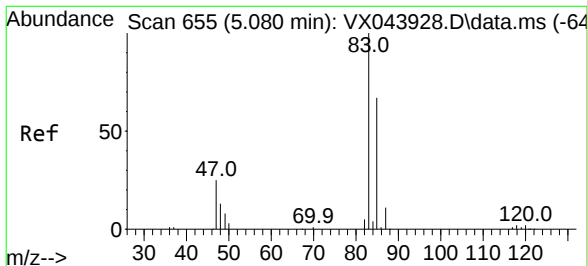
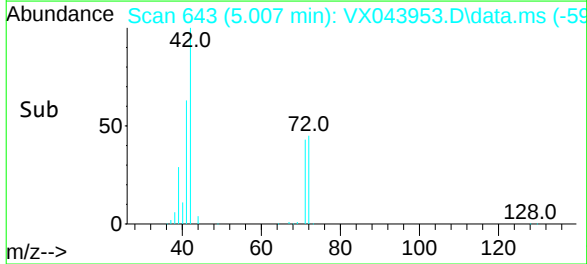
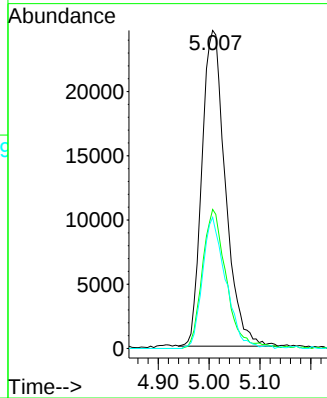
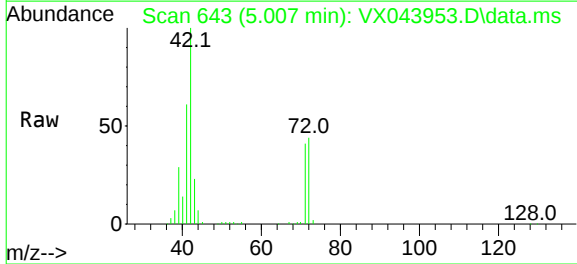
#29
Tetrahydrofuran
Concen: 103.164 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Tgt Ion: 42 Resp: 79046
Ion Ratio Lower Upper
42 100
72 44.8 36.4 54.6
71 40.9 33.4 50.0

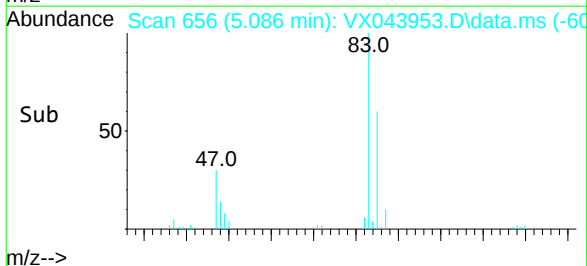
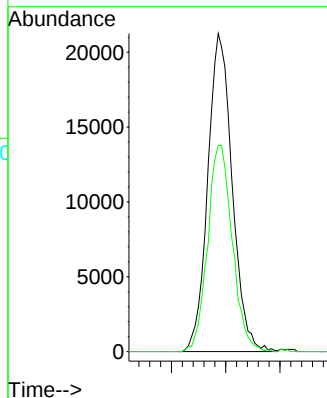
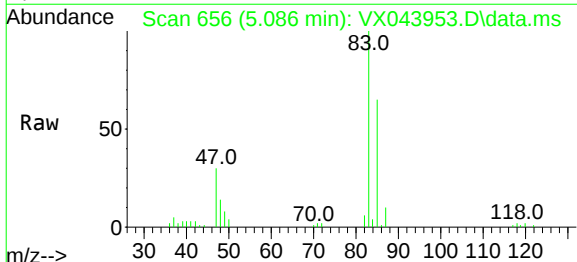
Manual Integrations
APPROVED

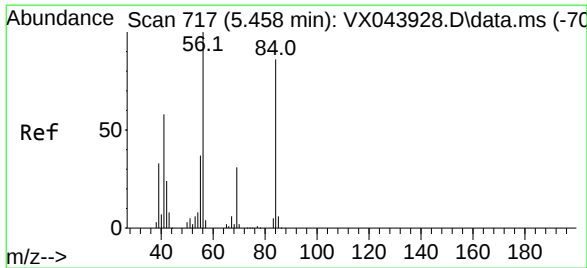
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#30
Chloroform
Concen: 21.602 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion: 83 Resp: 66350
Ion Ratio Lower Upper
83 100
85 64.8 53.5 80.3





#31

Cyclohexane

Concen: 19.867 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX043953.D

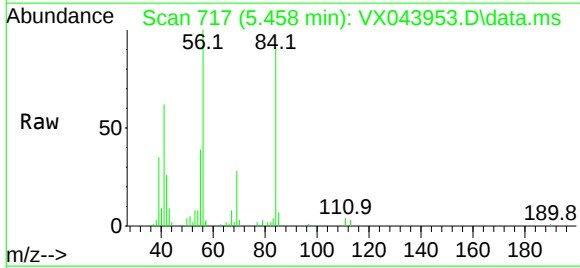
Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01



Tgt Ion: 56 Resp: 46697

Ion Ratio Lower Upper

56 100

69 27.5 24.7 37.1

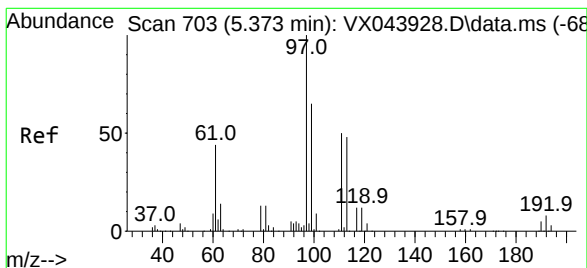
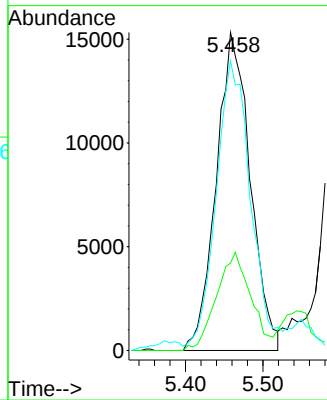
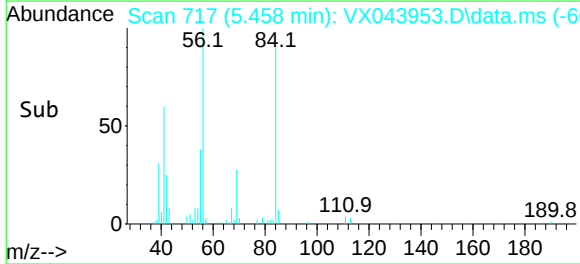
84 88.5 68.7 103.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#32

1,1,1-Trichloroethane

Concen: 21.390 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

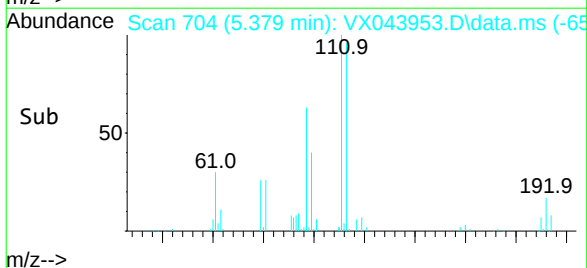
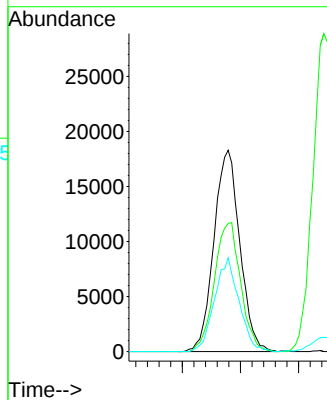
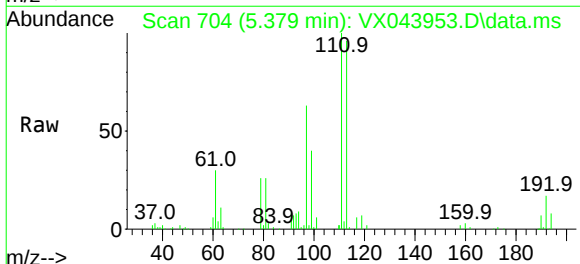
Tgt Ion: 97 Resp: 56657

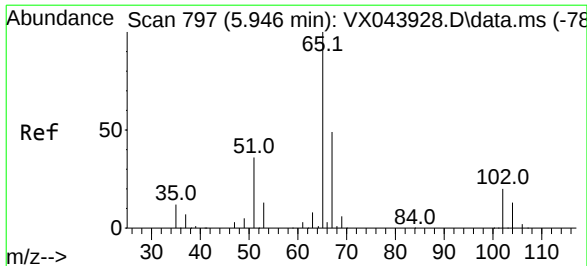
Ion Ratio Lower Upper

97 100

99 64.8 50.8 76.2

61 43.9 35.4 53.2





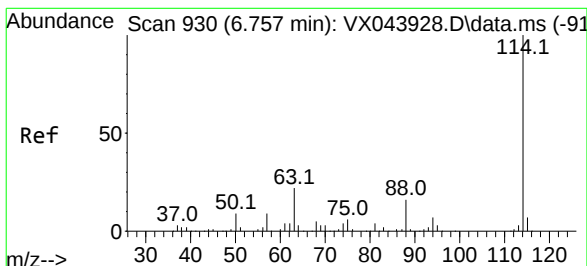
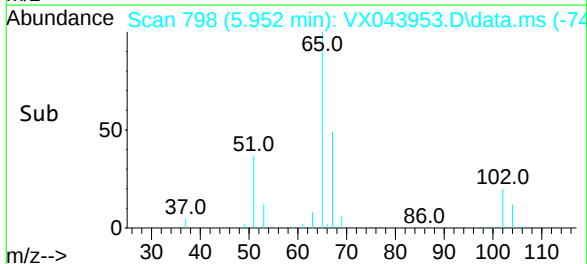
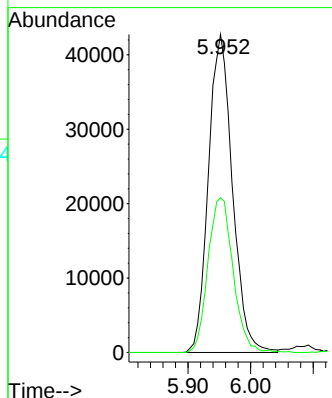
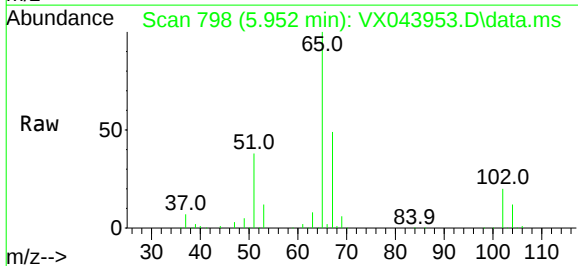
#33
1,2-Dichloroethane-d4
Concen: 53.986 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Tgt Ion: 65 Resp: 113852
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.8

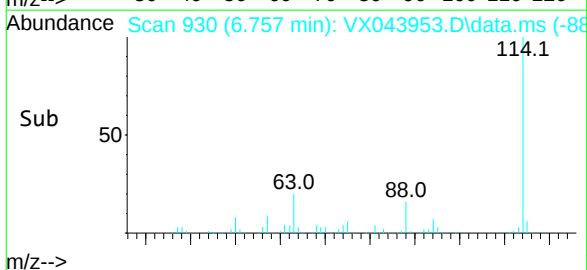
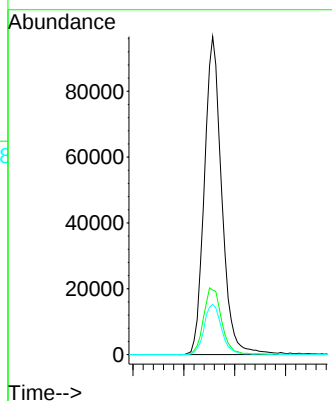
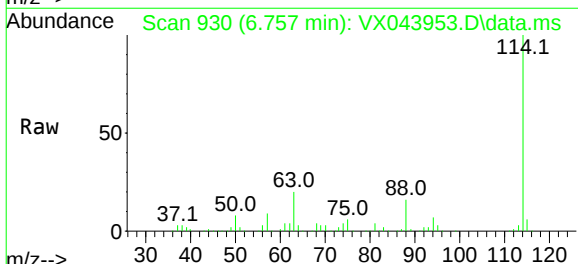
Manual Integrations
APPROVED

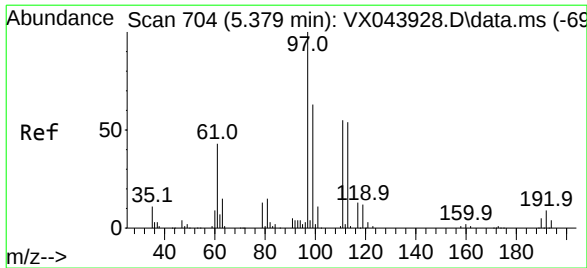
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion:114 Resp: 229417
Ion Ratio Lower Upper
114 100
63 20.3 0.0 44.0
88 15.8 0.0 32.4





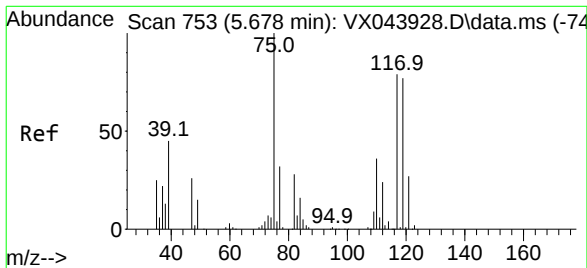
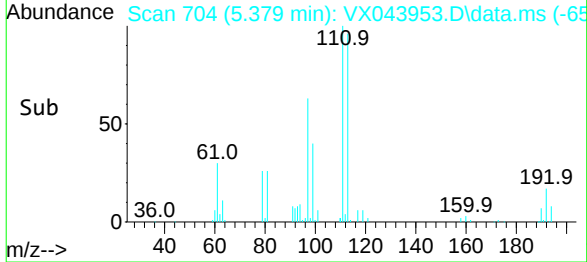
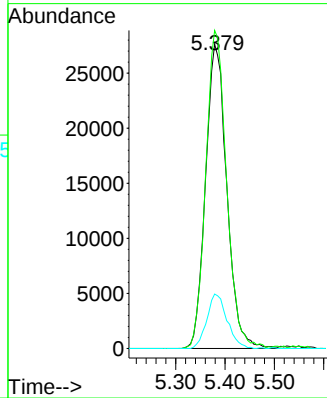
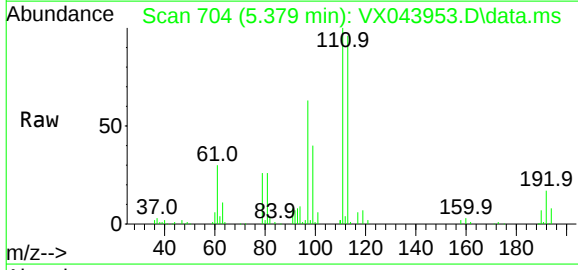
#35
Dibromofluoromethane
Concen: 50.452 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Tgt Ion:113 Resp: 82706
Ion Ratio Lower Upper
113 100
111 102.6 81.0 121.4
192 17.0 13.0 19.6

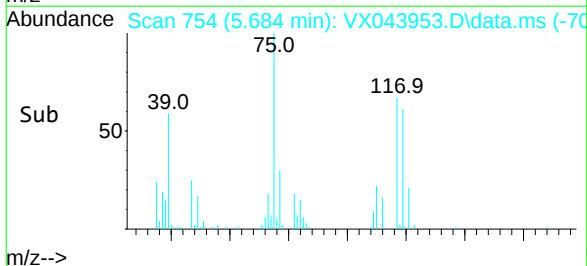
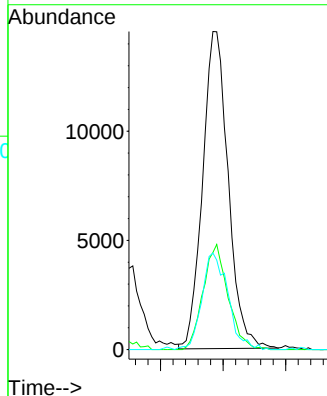
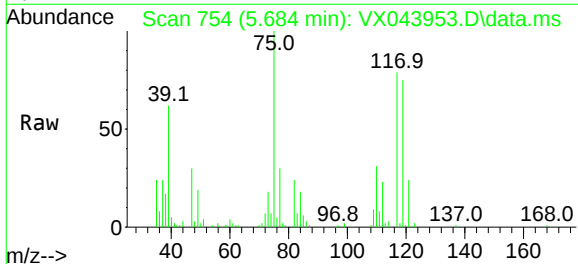
Manual Integrations
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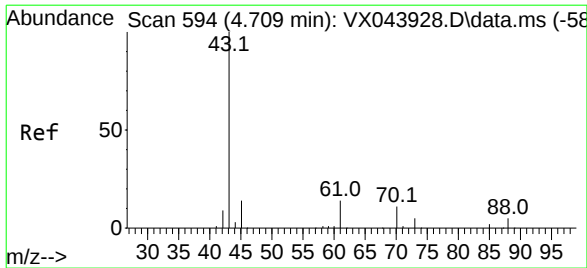
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#36
1,1-Dichloropropene
Concen: 20.185 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion: 75 Resp: 41234
Ion Ratio Lower Upper
75 100
110 32.4 17.4 52.2
77 31.0 25.8 38.8





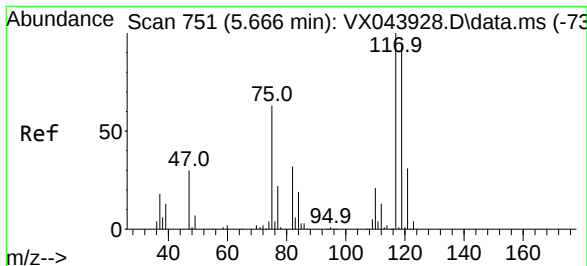
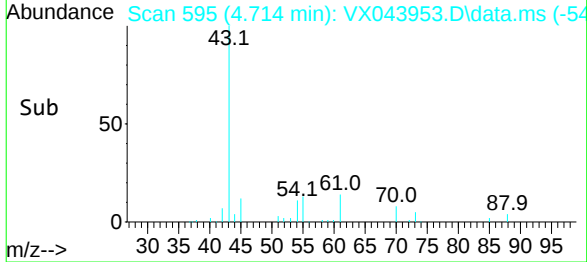
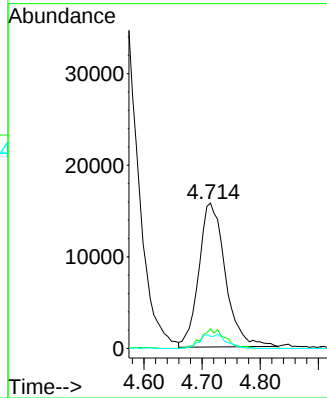
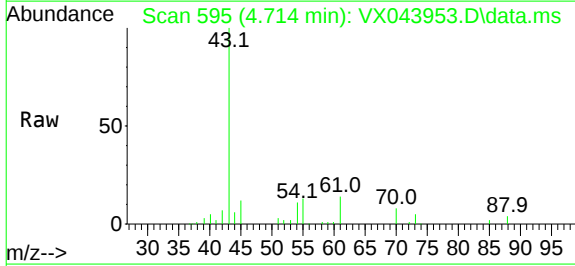
#37
Ethyl Acetate
Concen: 19.620 ug/l
RT: 4.714 min Scan# 59
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Tgt Ion: 43 Resp: 49752
Ion Ratio Lower Upper
43 100
61 12.4 10.7 16.1
70 4.4 8.0 12.0#

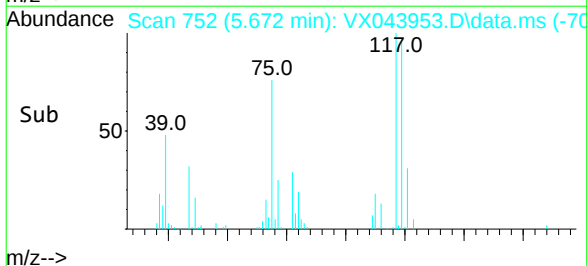
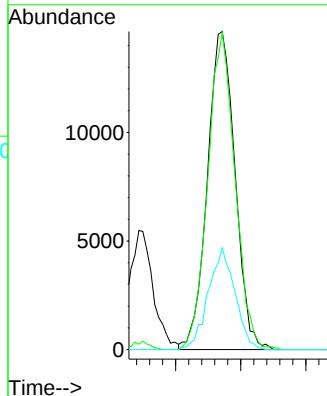
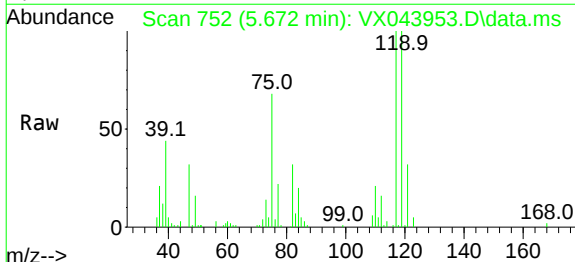
Manual Integrations
APPROVED

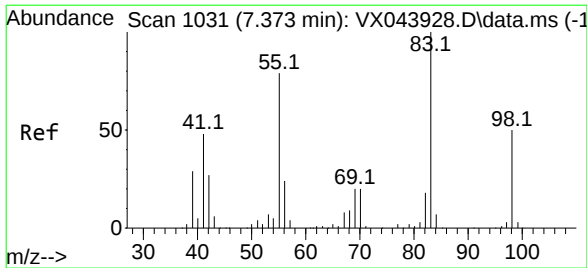
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#38
Carbon Tetrachloride
Concen: 18.875 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion:117 Resp: 43324
Ion Ratio Lower Upper
117 100
119 99.7 75.2 112.8
121 32.0 24.5 36.7





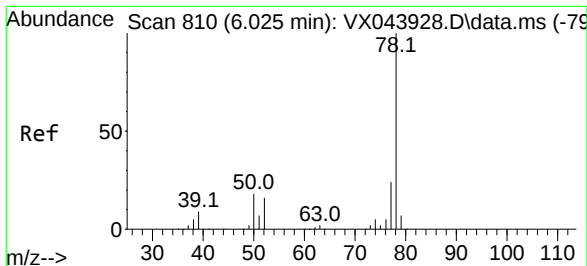
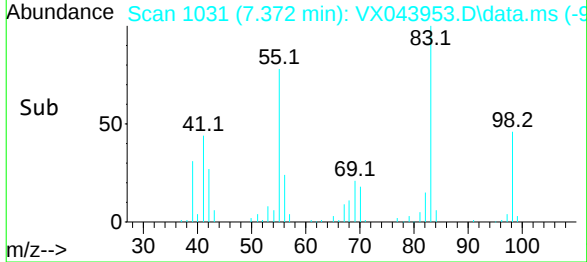
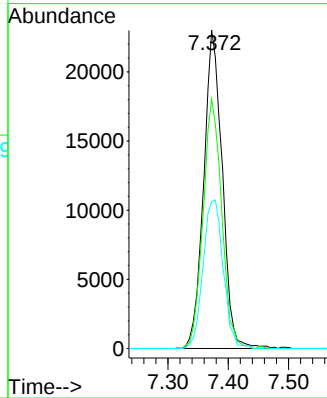
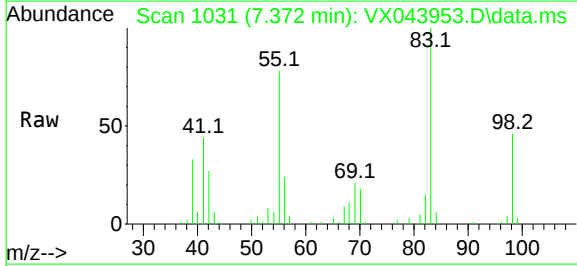
#39
Methylcyclohexane
Concen: 18.550 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Tgt Ion:	83	Resp:	49229
Ion	Ratio	Lower	Upper
83	100		
55	78.4	63.1	94.7
98	46.2	40.0	60.0

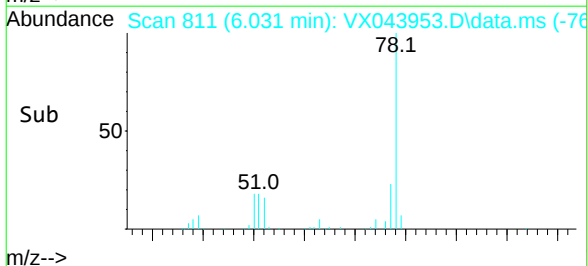
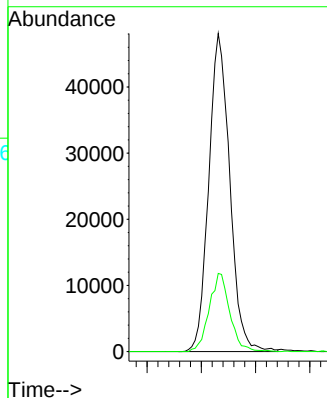
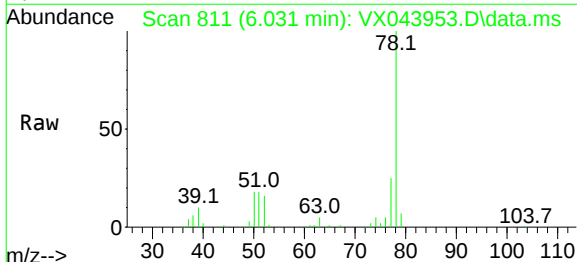
Manual Integrations
APPROVED

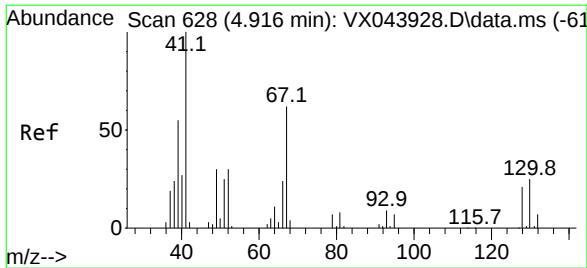
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#40
Benzene
Concen: 20.319 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion:	78	Resp:	129291
Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.2	28.8





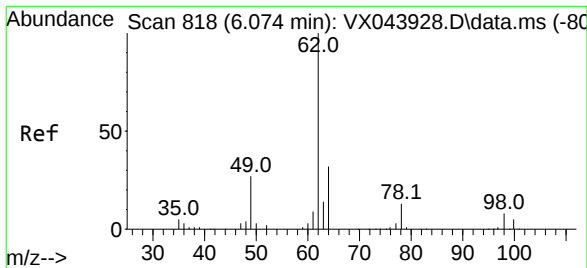
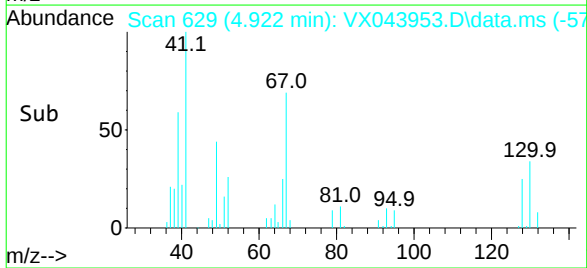
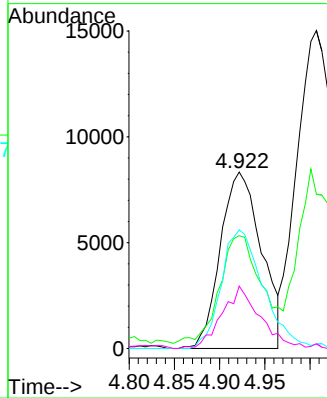
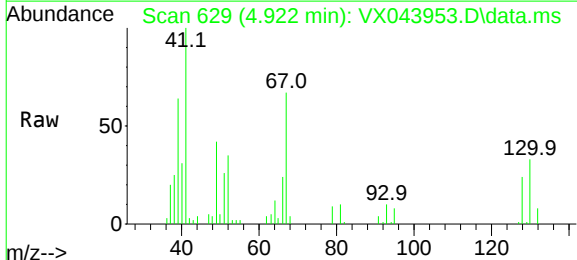
#41
Methacrylonitrile
Concen: 20.295 ug/l
RT: 4.922 min Scan# 62
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Tgt Ion:	41	Resp:	26340
Ion	Ratio	Lower	Upper
41	100		
39	63.4	41.7	62.5
67	69.9	55.8	83.8
52	32.7	24.0	36.0

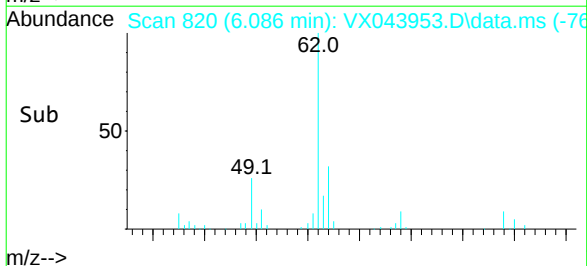
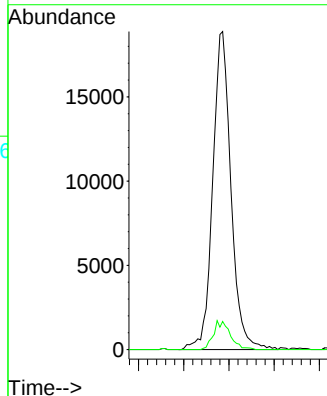
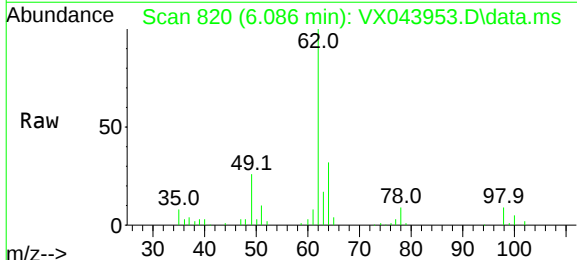
Manual Integrations
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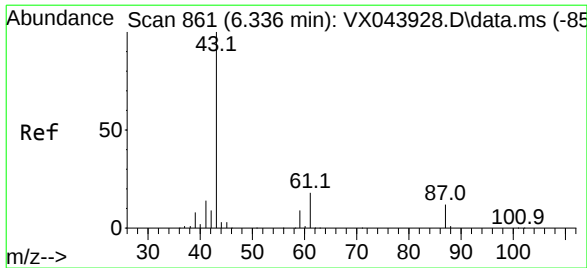
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#42
1,2-Dichloroethane
Concen: 20.702 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.012 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion:	62	Resp:	52905
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.4





#43

Isopropyl Acetate

Concen: 20.264 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

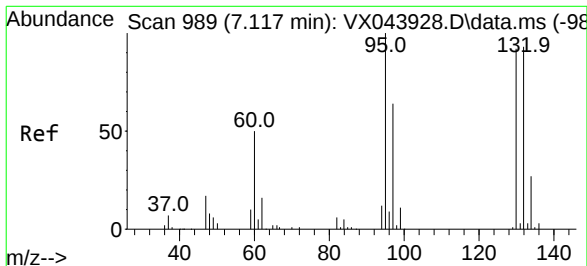
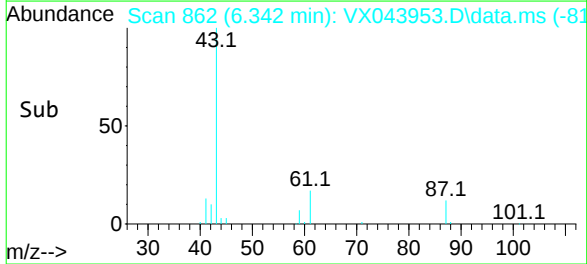
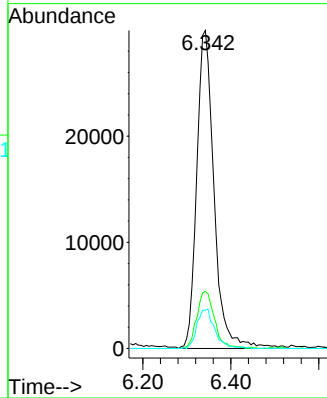
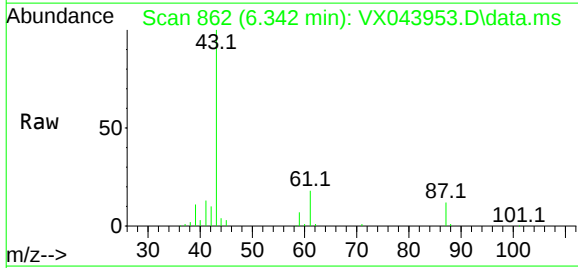
Tgt Ion:	43	Resp:	81776
Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.5	21.7
87	12.7	10.2	15.2

Manual Integrations

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Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#44

Trichloroethene

Concen: 16.978 ug/l

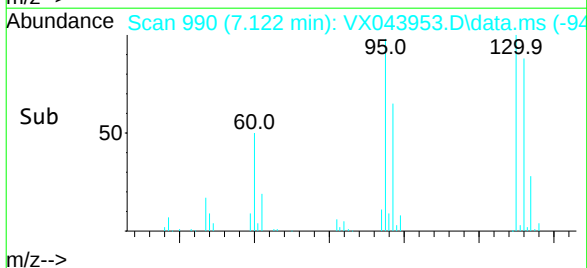
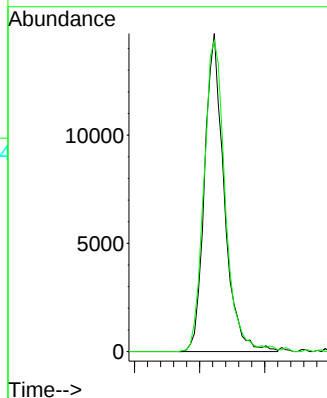
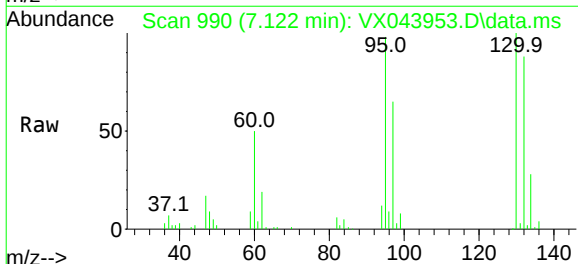
RT: 7.122 min Scan# 990

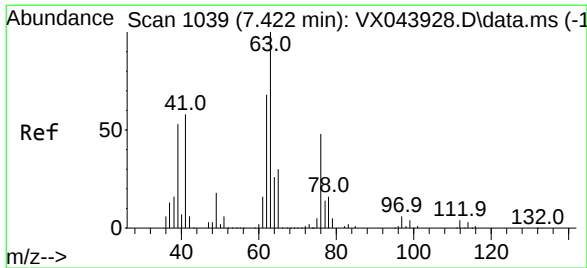
Delta R.T. 0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Tgt Ion:	130	Resp:	30582
Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	217.8





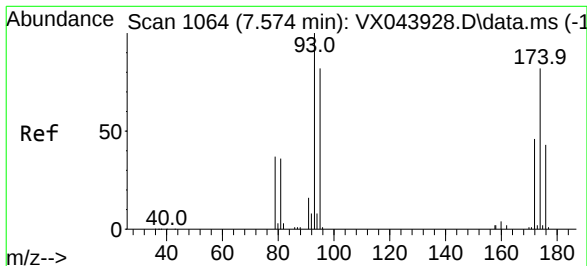
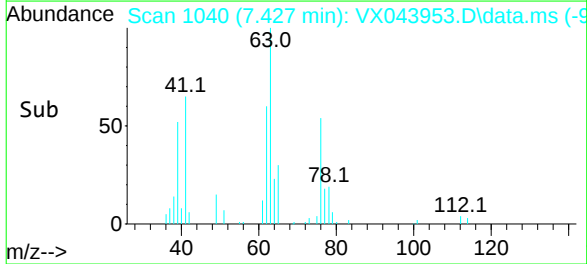
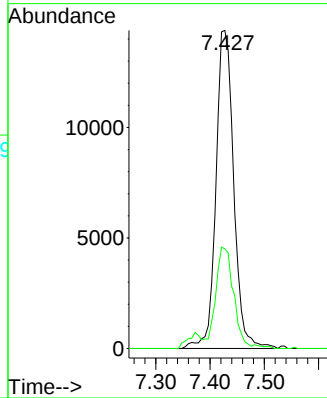
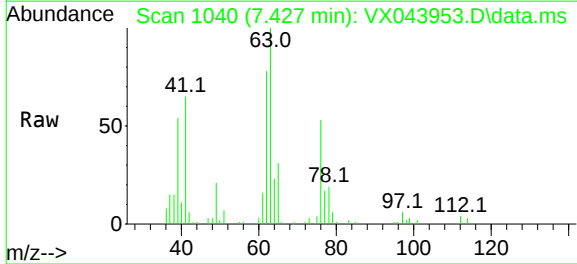
#45
1,2-Dichloropropane
Concen: 21.032 ug/l
RT: 7.427 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Tgt Ion: 63 Resp: 32777
Ion Ratio Lower Upper
63 100
65 31.3 23.8 35.6

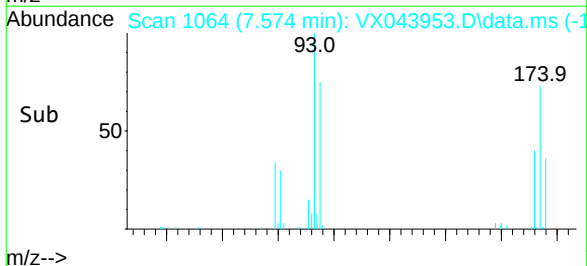
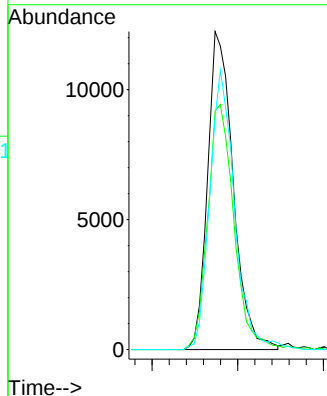
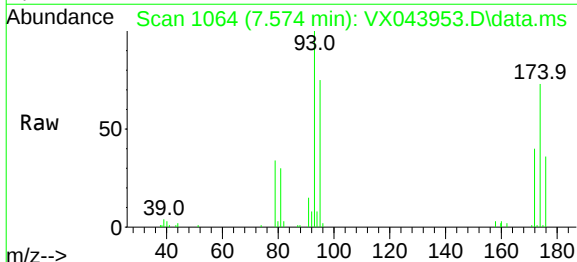
Manual Integrations
APPROVED

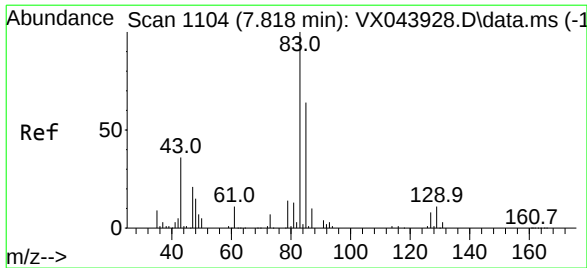
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#46
Dibromomethane
Concen: 20.535 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

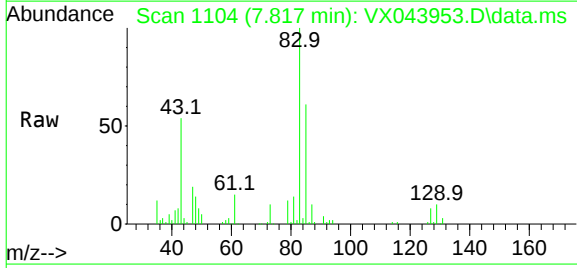
Tgt Ion: 93 Resp: 25316
Ion Ratio Lower Upper
93 100
95 79.9 66.2 99.4
174 85.6 69.6 104.4





#47
Bromodichloromethane
Concen: 19.866 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

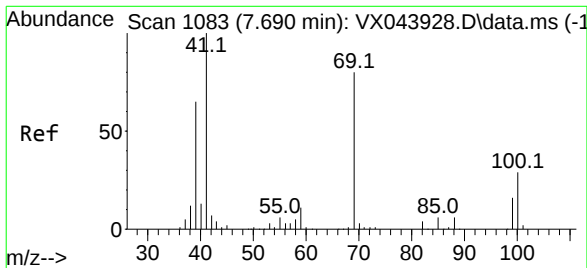
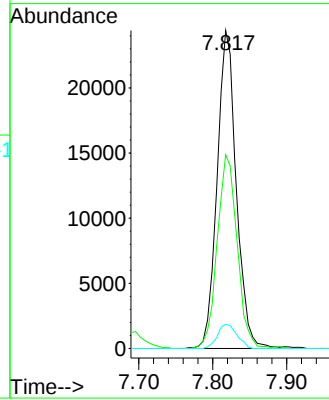
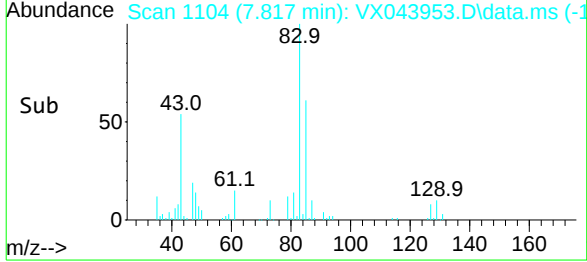
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01



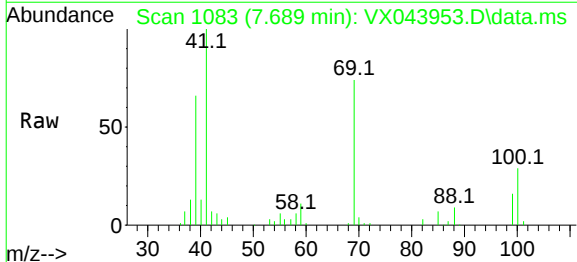
Tgt Ion: 83 Resp: 43925
Ion Ratio Lower Upper
83 100
85 60.9 51.4 77.0
127 7.6 6.6 10.0

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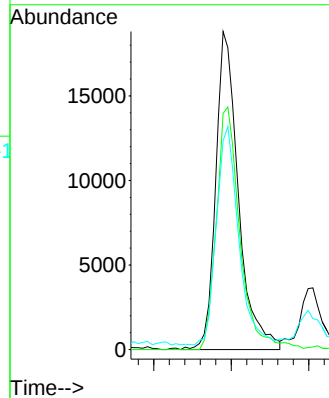
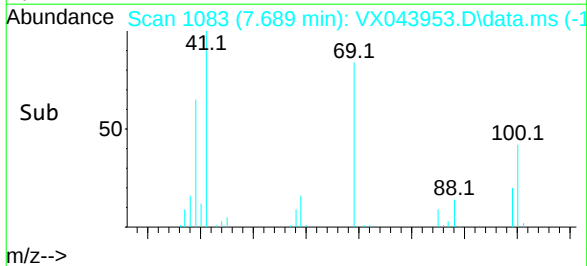
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

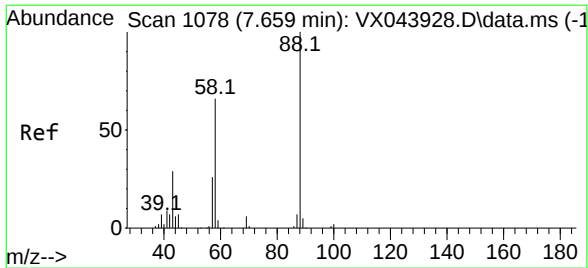


#48
Methyl methacrylate
Concen: 19.741 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36



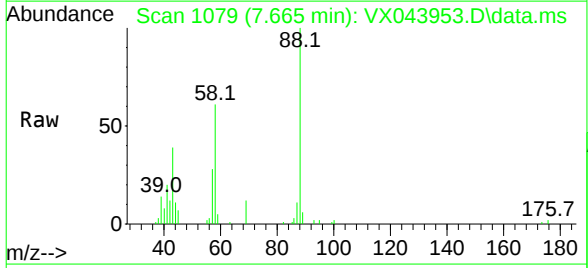
Tgt Ion: 41 Resp: 38226
Ion Ratio Lower Upper
41 100
69 79.1 64.6 97.0
39 66.8 53.3 79.9





#49
1,4-Dioxane
Concen: 338.011 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

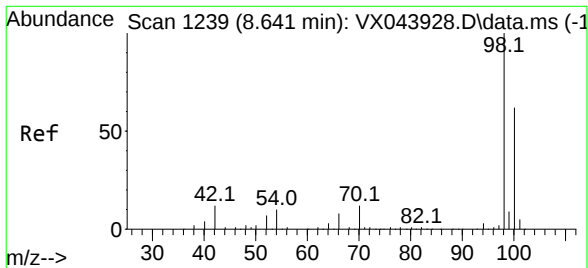
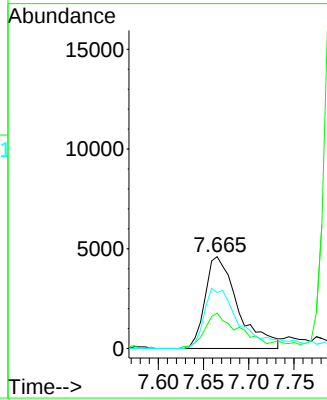
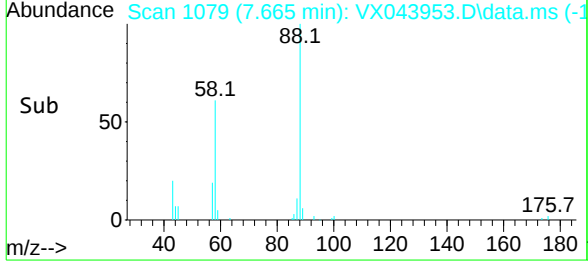
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01



Tgt Ion: 88 Resp: 11659
Ion Ratio Lower Upper
88 100
43 41.6 26.8 40.2#
58 74.4 45.4 68.2#

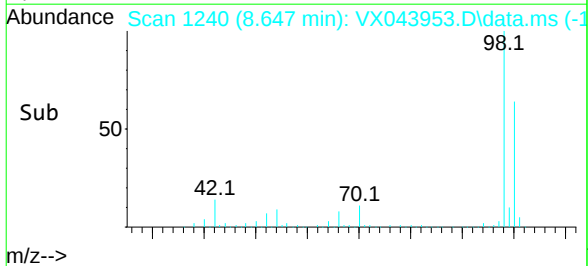
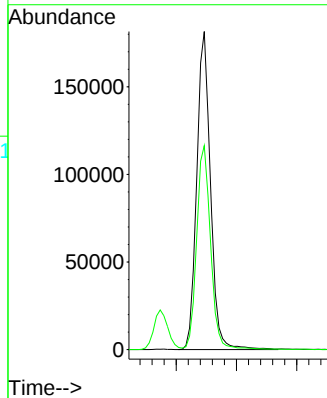
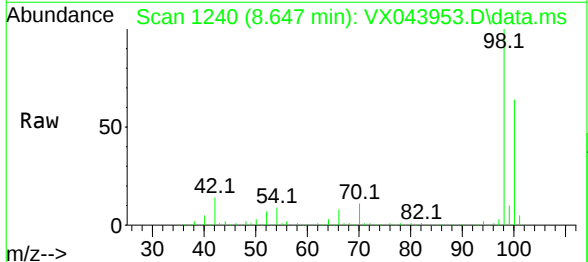
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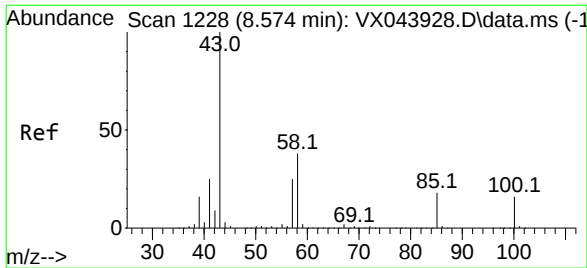
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#50
Toluene-d8
Concen: 50.911 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion: 98 Resp: 287688
Ion Ratio Lower Upper
98 100
100 64.7 52.6 79.0





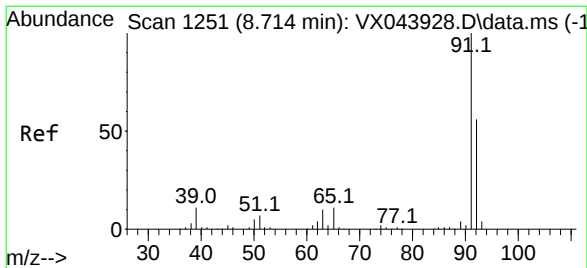
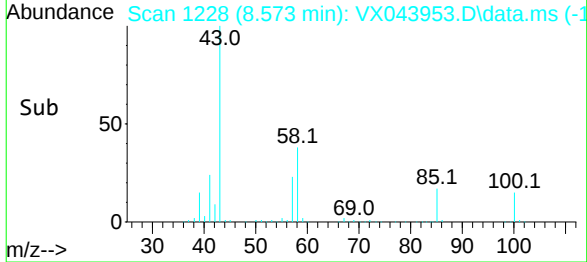
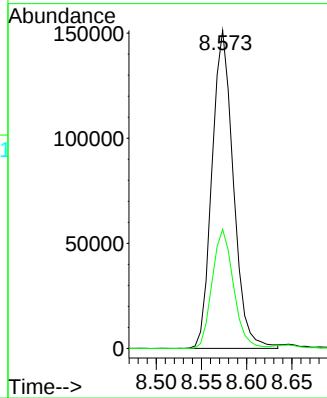
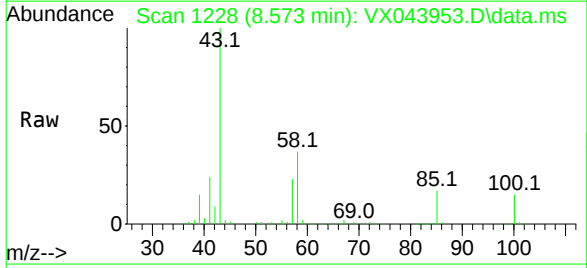
#51
4-Methyl-2-Pentanone
Concen: 100.883 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Tgt Ion: 43 Resp: 248440
Ion Ratio Lower Upper
43 100
58 37.4 30.0 45.0

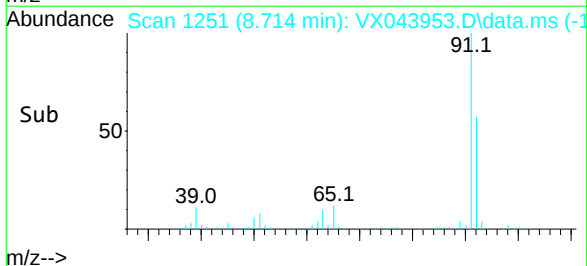
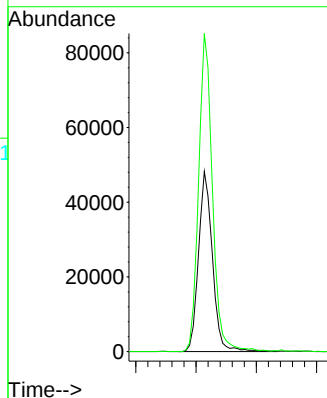
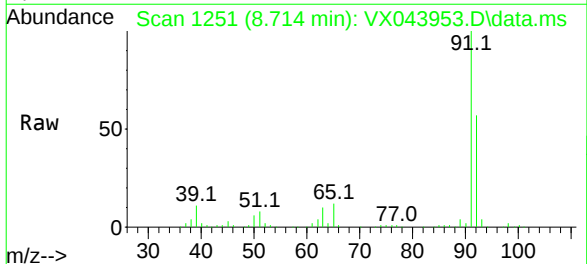
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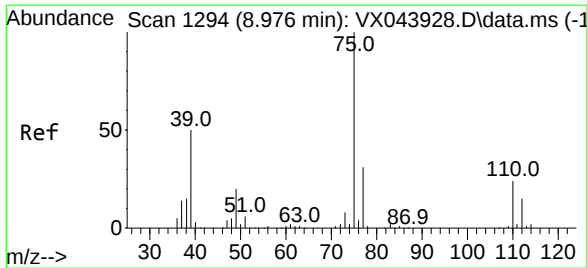
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#52
Toluene
Concen: 20.351 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

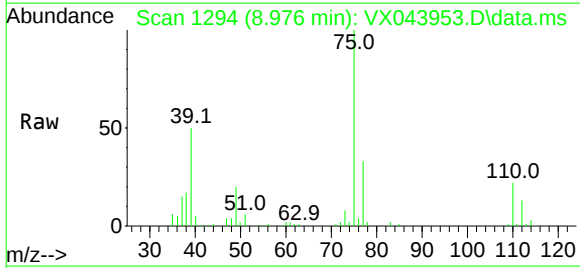
Tgt Ion: 92 Resp: 77505
Ion Ratio Lower Upper
92 100
91 175.1 139.7 209.5





#53
t-1,3-Dichloropropene
Concen: 19.965 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

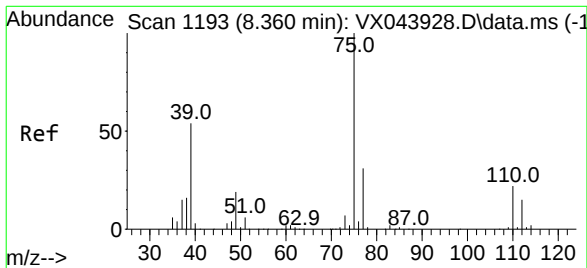
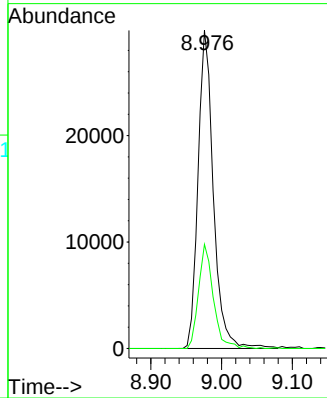
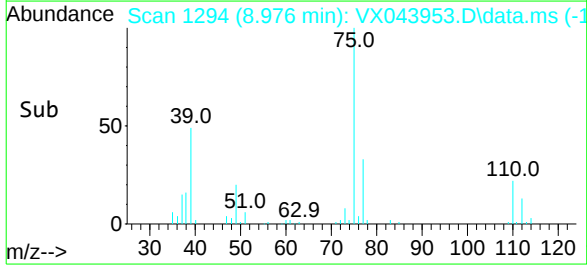
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01



Tgt Ion: 75 Resp: 45015
Ion Ratio Lower Upper
75 100
77 32.7 25.1 37.7

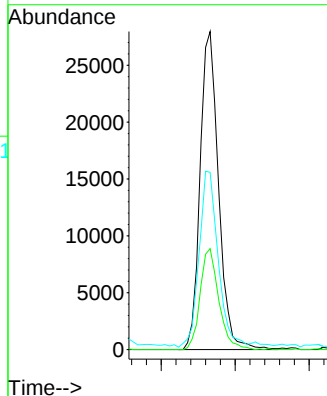
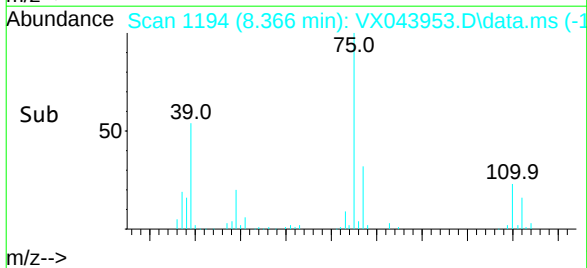
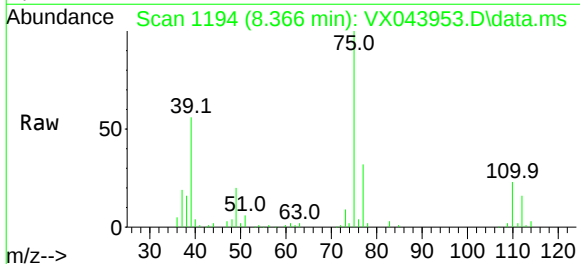
Manual Integrations
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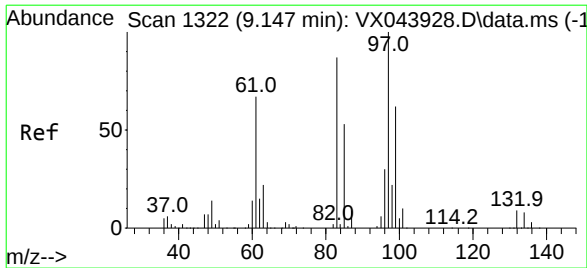
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#54
cis-1,3-Dichloropropene
Concen: 19.572 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

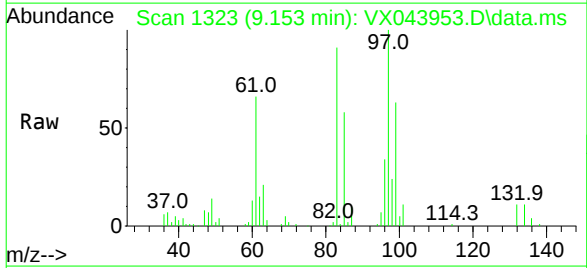
Tgt Ion: 75 Resp: 48377
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 54.9 43.1 64.7





#55
1,1,2-Trichloroethane
Concen: 20.126 ug/l
RT: 9.153 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

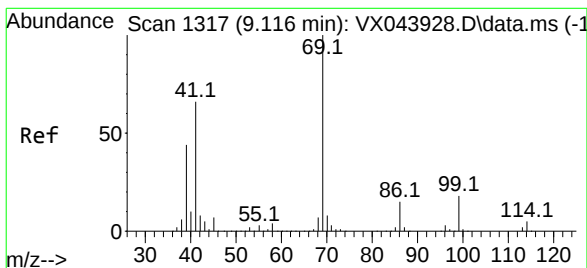
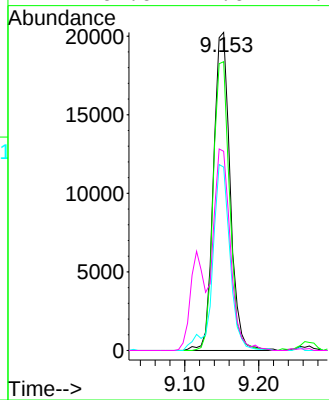
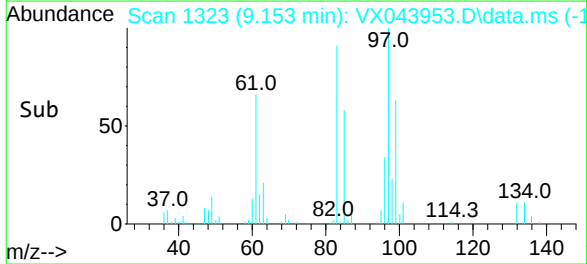
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01



Tgt Ion:	97	Resp:	31640
Ion	Ratio	Lower	Upper
97	100		
83	90.8	69.4	104.0
85	57.7	42.3	63.5
99	62.6	49.6	74.4

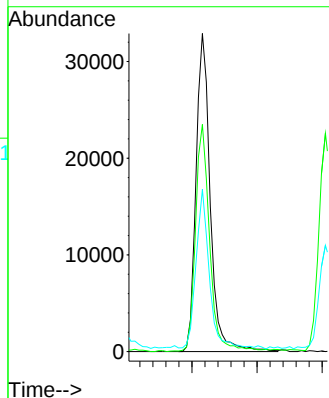
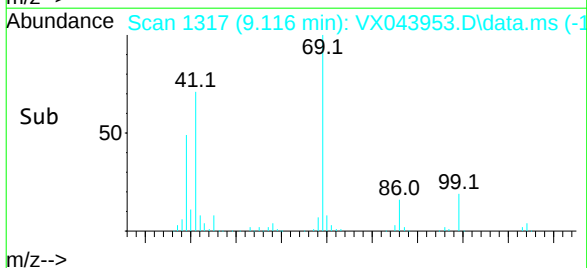
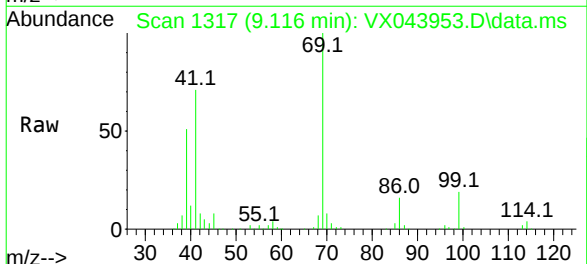
Manual Integrations
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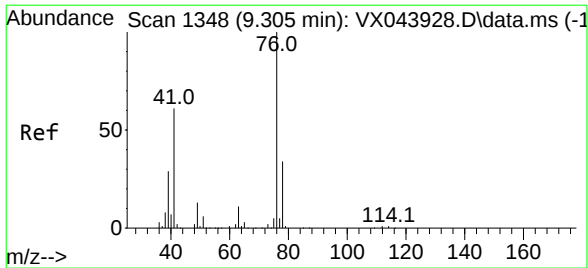
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#56
Ethyl methacrylate
Concen: 20.380 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

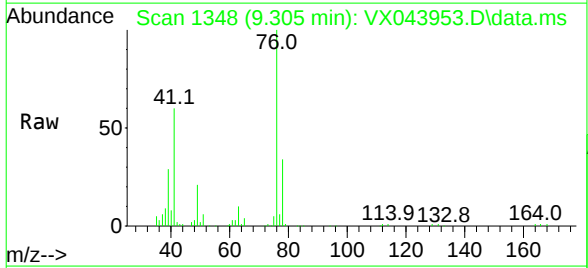
Tgt Ion:	69	Resp:	49905
Ion	Ratio	Lower	Upper
69	100		
41	71.1	55.8	83.8
39	47.7	36.7	55.1





#57
1,3-Dichloropropane
Concen: 20.993 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

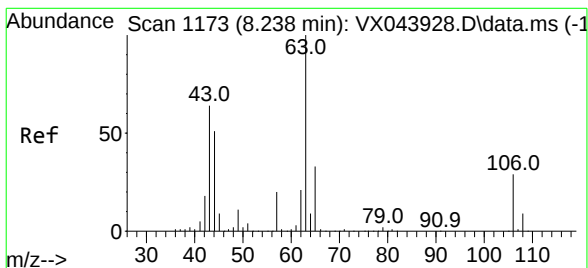
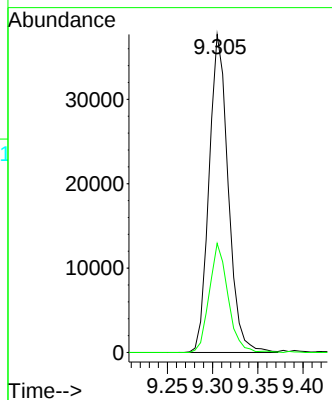
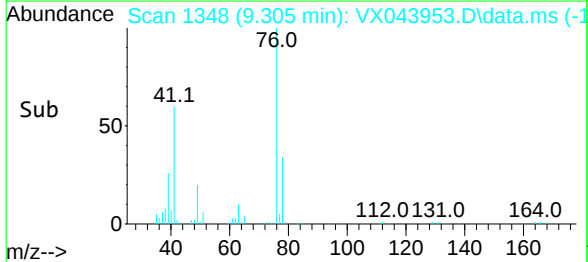
Instrument : MSVOA_X
ClientSampleId : VX1122WBS01



Tgt Ion: 76 Resp: 55597
Ion Ratio Lower Upper
76 100
78 33.7 26.0 39.0

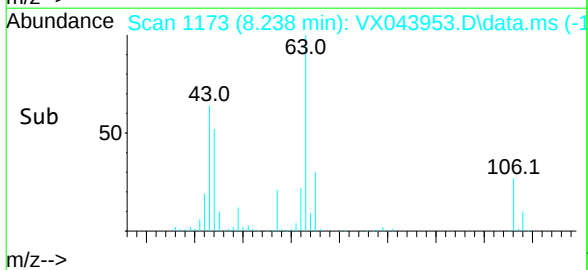
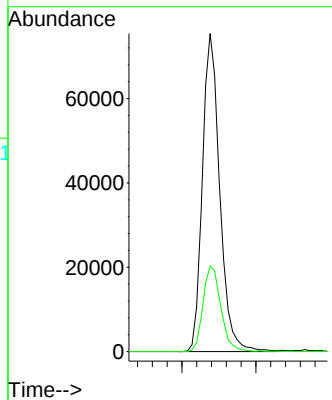
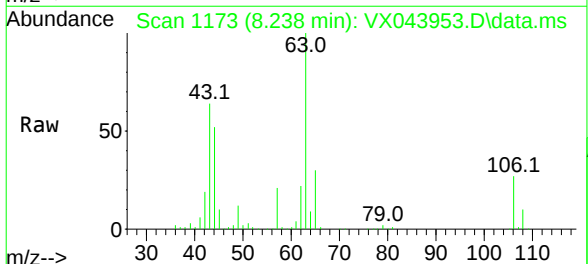
Manual Integrations
APPROVED

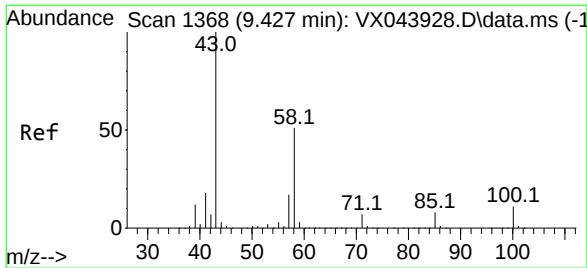
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#58
2-Chloroethyl Vinyl ether
Concen: 90.630 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion: 63 Resp: 122520
Ion Ratio Lower Upper
63 100
106 27.6 23.0 34.6





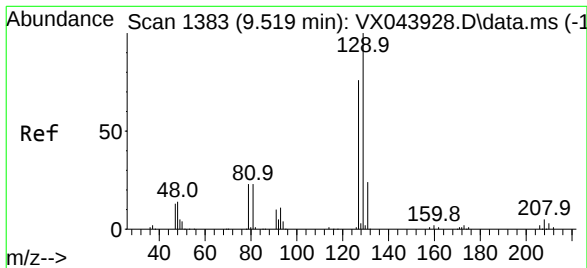
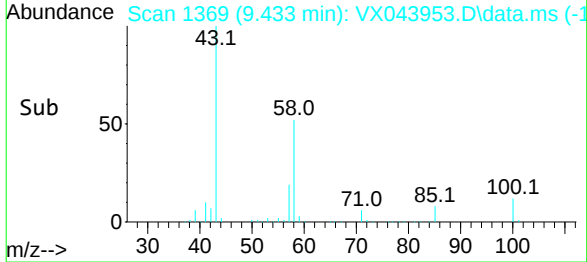
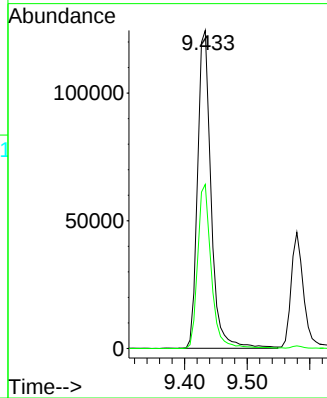
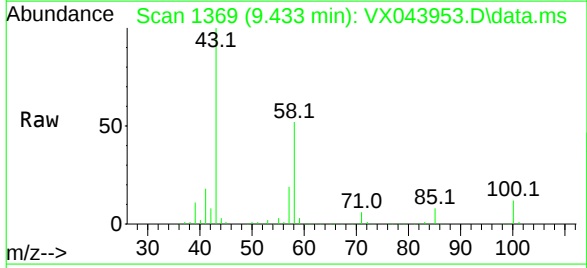
#59
2-Hexanone
Concen: 100.633 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Tgt Ion: 43 Resp: 186272
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.6

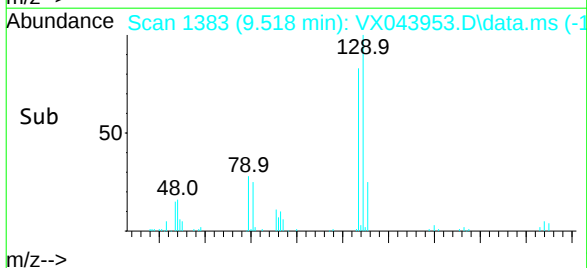
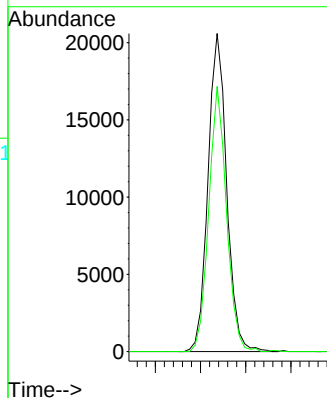
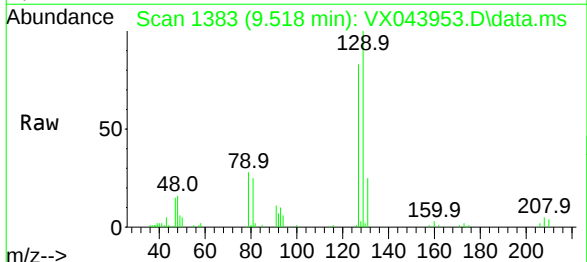
Manual Integrations
APPROVED

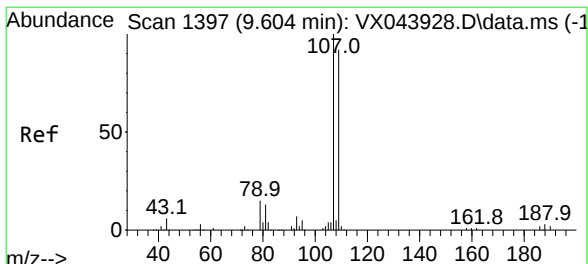
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#60
Dibromochloromethane
Concen: 18.733 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion:129 Resp: 29549
Ion Ratio Lower Upper
129 100
127 78.9 38.2 114.6





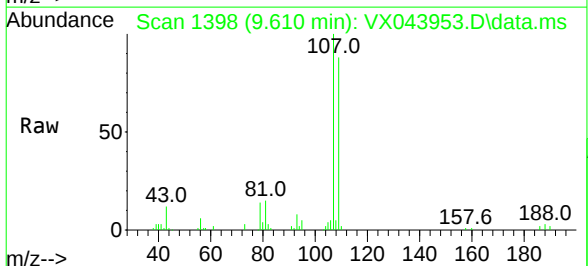
#61
 1,2-Dibromoethane
 Concen: 20.465 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. 0.006 min
 Lab File: VX043953.D
 Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

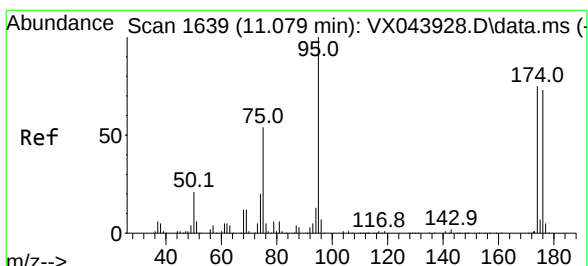
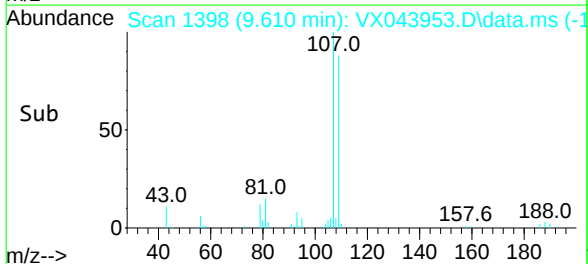
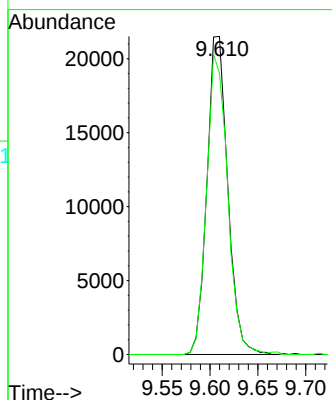
VX1122WBS01



Tgt Ion: 107 Resp: 32532
 Ion Ratio Lower Upper
 107 100
 109 95.7 75.2 112.8

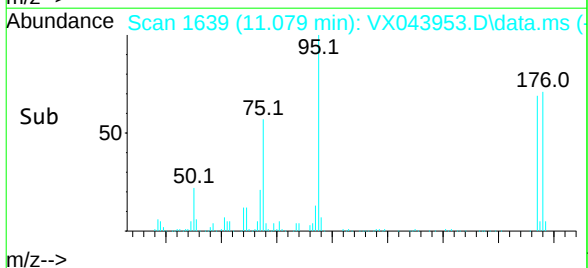
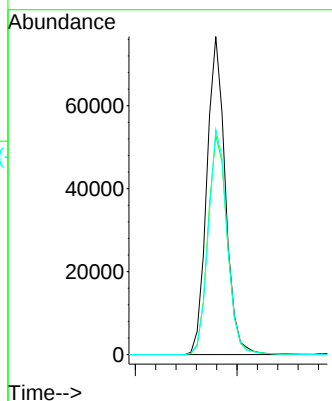
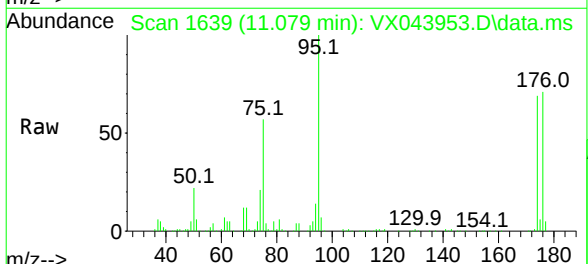
Manual Integrations
 APPROVED

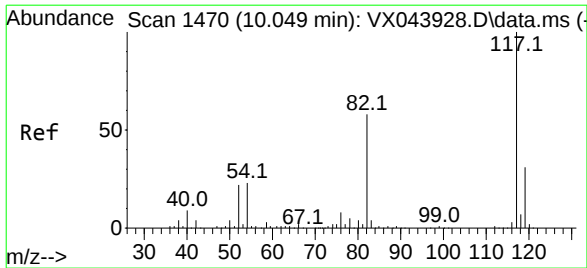
Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/25/2024



#62
 4-Bromofluorobenzene
 Concen: 50.392 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX043953.D
 Acq: 22 Nov 2024 12:36

Tgt Ion: 95 Resp: 96910
 Ion Ratio Lower Upper
 95 100
 174 72.1 0.0 150.4
 176 72.2 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

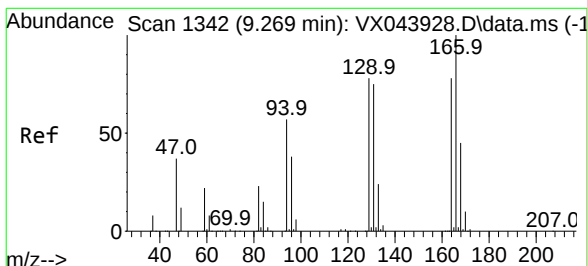
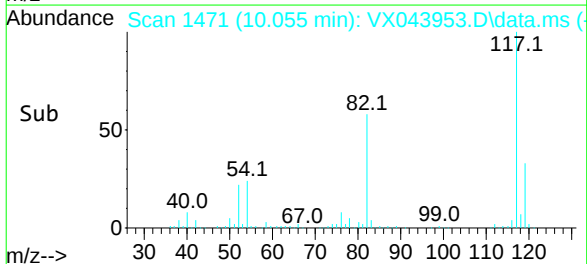
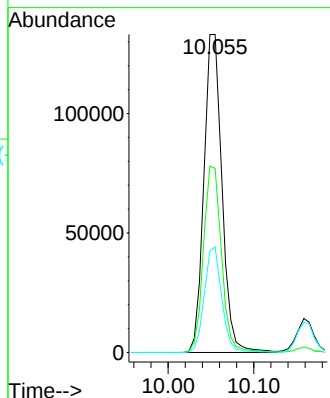
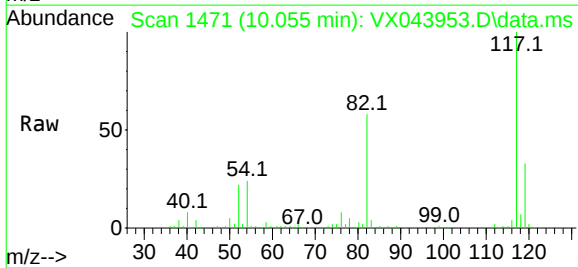
Tgt Ion:	117	Resp:	195535
Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.4	69.6
119	33.2	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#64

Tetrachloroethene

Concen: 20.270 ug/l

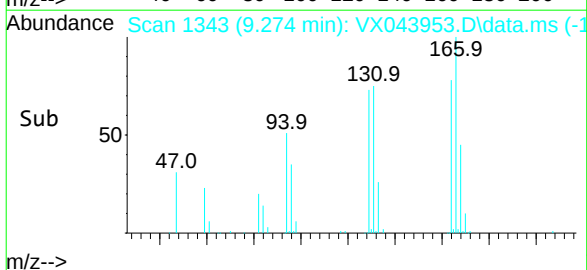
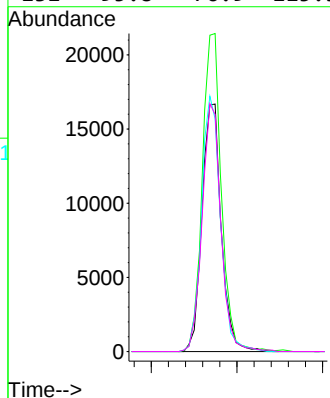
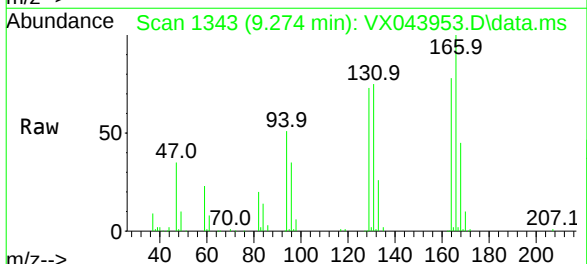
RT: 9.274 min Scan# 1343

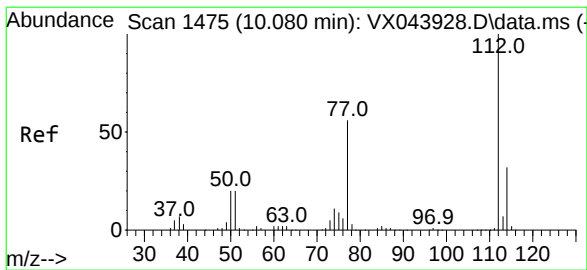
Delta R.T. 0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Tgt Ion:	164	Resp:	26135
Ion	Ratio	Lower	Upper
164	100		
166	128.5	102.1	153.1
129	94.0	79.6	119.4
131	95.8	76.9	115.3





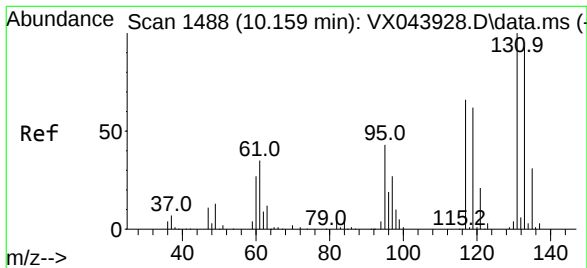
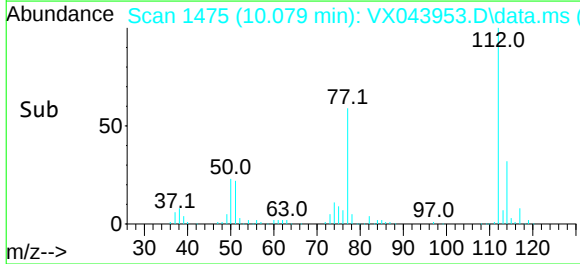
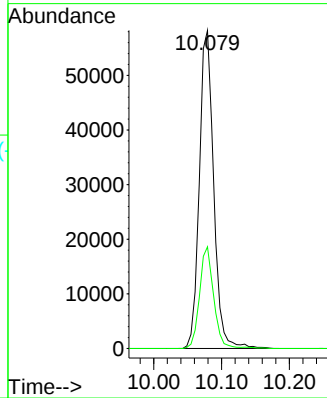
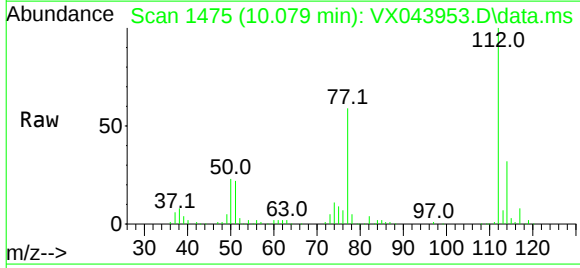
#65
Chlorobenzene
Concen: 19.908 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01

Tgt Ion:112 Resp: 85495
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

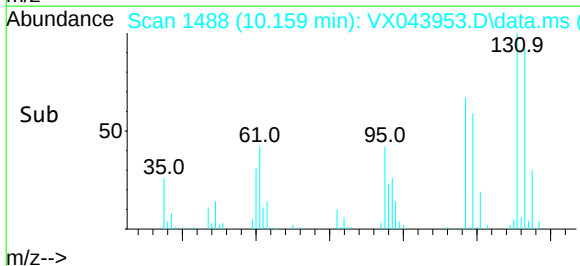
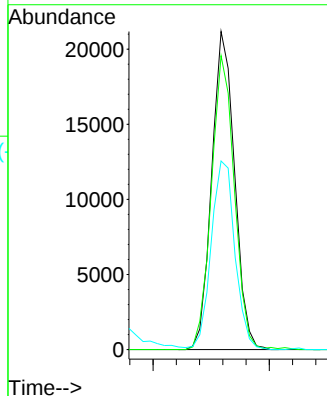
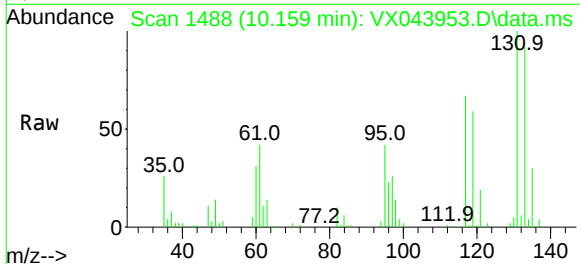
Manual Integrations
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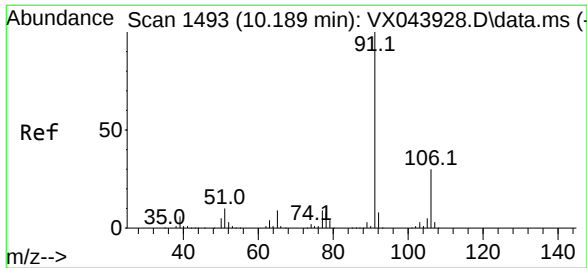
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.737 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion:131 Resp: 28882
Ion Ratio Lower Upper
131 100
133 93.3 48.2 144.6
119 61.7 31.5 94.5





#67

Ethyl Benzene

Concen: 20.404 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

Tgt Ion: 91 Resp: 148481

Ion Ratio Lower Upper

91 100

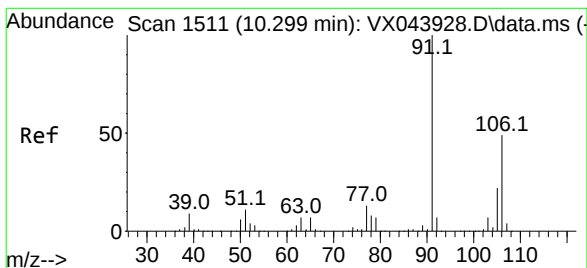
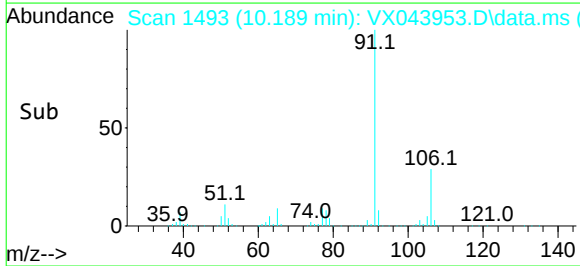
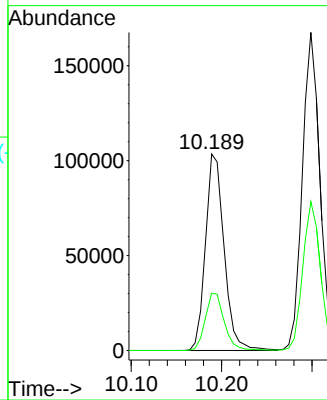
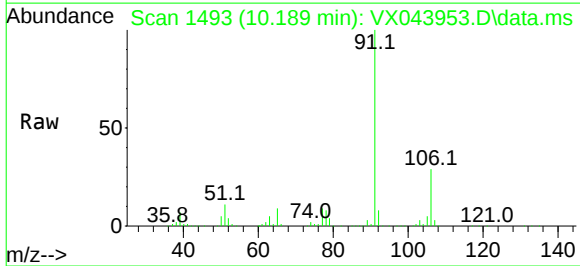
106 29.1 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#68

m/p-Xylenes

Concen: 40.309 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX043953.D

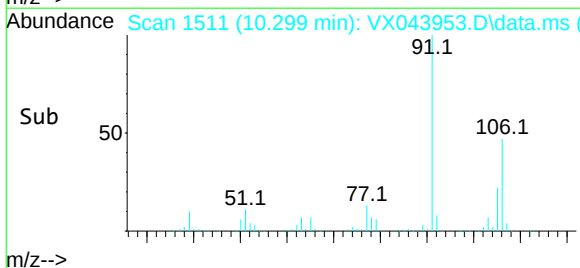
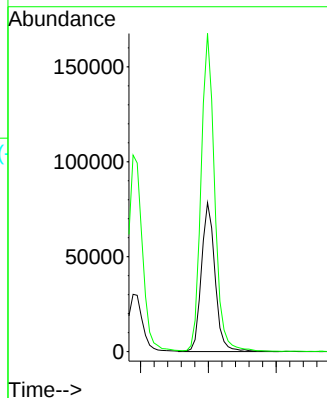
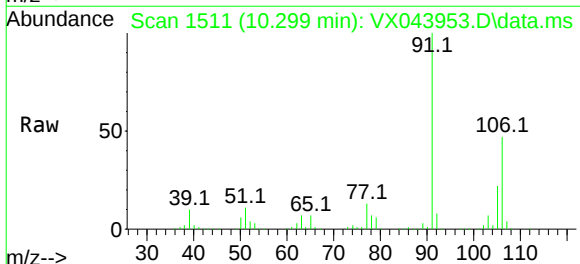
Acq: 22 Nov 2024 12:36

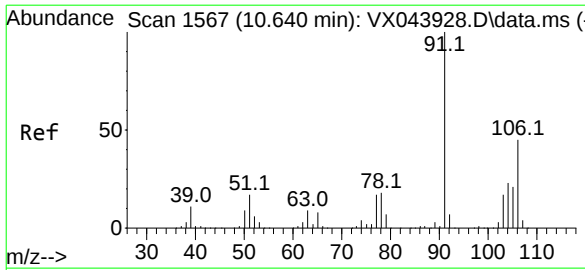
Tgt Ion:106 Resp: 109390

Ion Ratio Lower Upper

106 100

91 212.7 168.1 252.1





#69

o-Xylene

Concen: 20.665 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

Tgt Ion:106 Resp: 54754

Ion Ratio Lower Upper

106 100

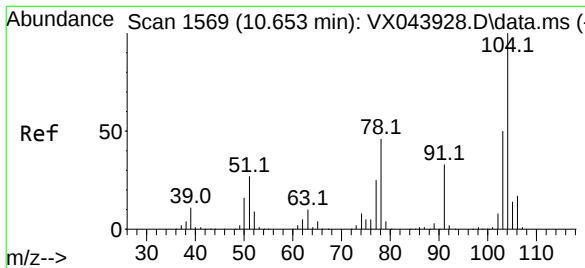
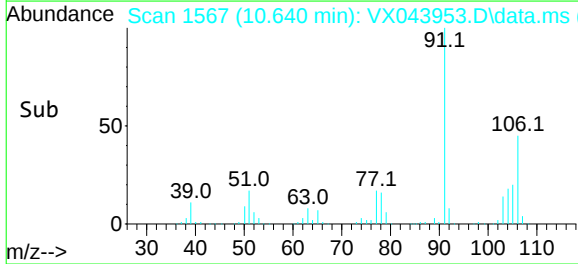
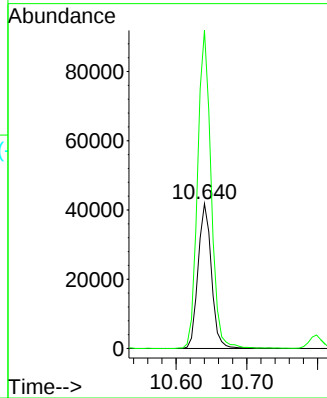
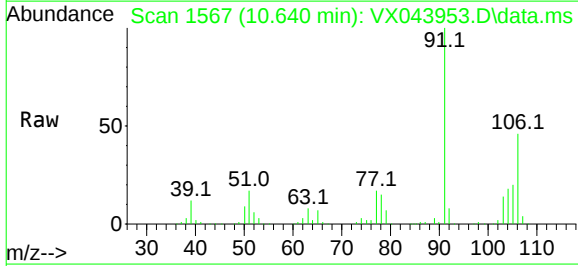
91 221.6 110.2 330.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#70

Styrene

Concen: 20.579 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

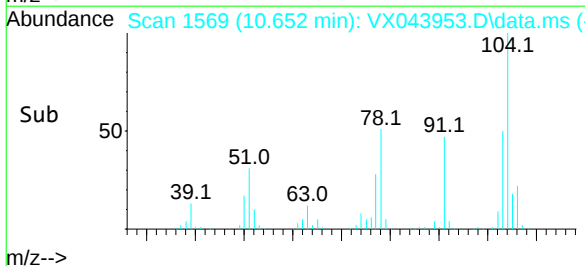
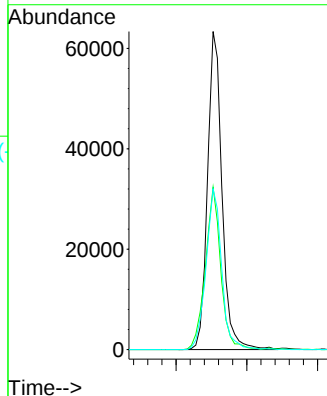
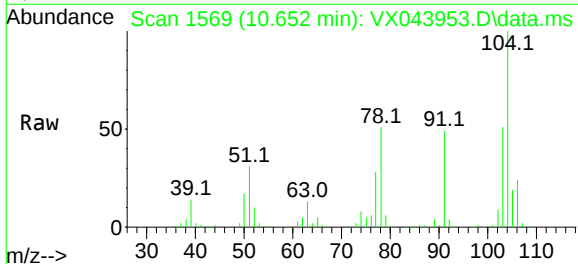
Tgt Ion:104 Resp: 90186

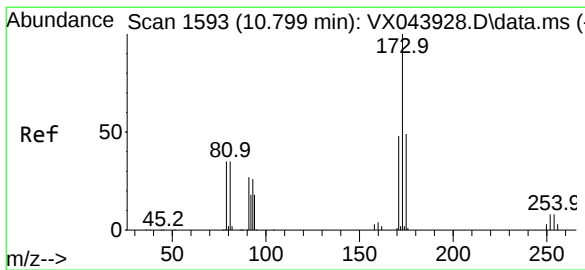
Ion Ratio Lower Upper

104 100

78 54.3 42.2 63.2

103 54.7 44.7 67.1





#71

Bromoform

Concen: 16.936 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

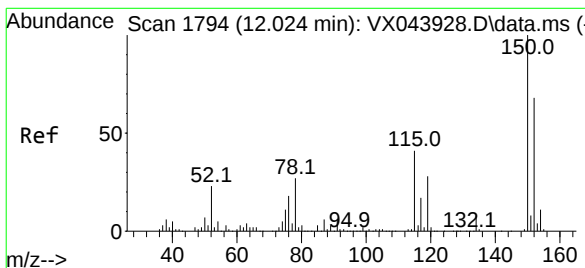
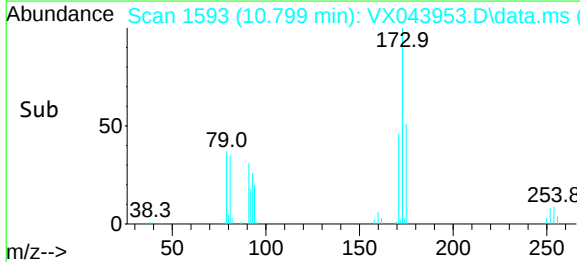
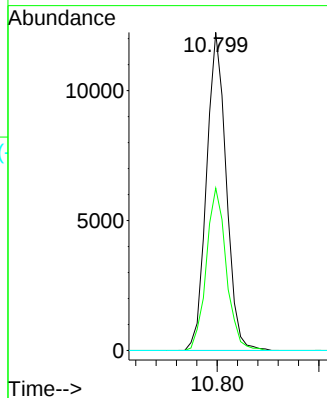
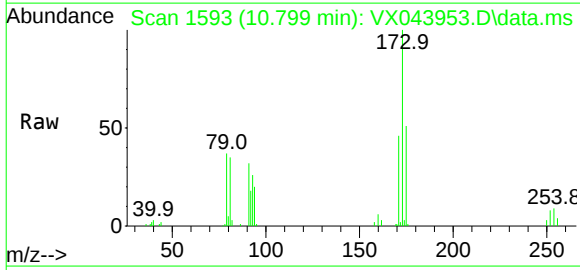
Tgt Ion:	173	Resp:	16436
Ion Ratio	Lower	Upper	
173	100		
175	51.9	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

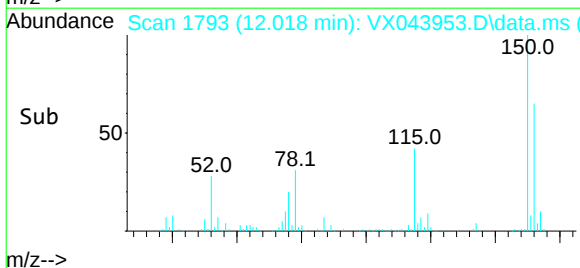
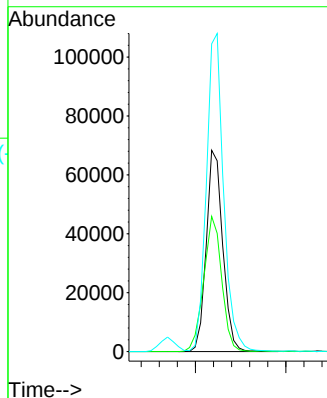
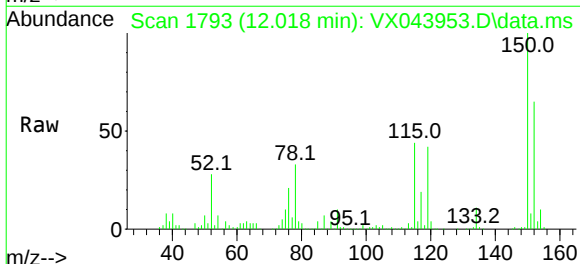
RT: 12.018 min Scan# 1793

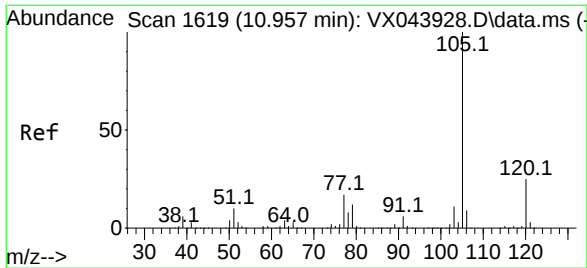
Delta R.T. -0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Tgt Ion:	152	Resp:	86659
Ion Ratio	Lower	Upper	
152	100		
115	73.0	45.4	136.2
150	164.6	0.0	353.0





#73

Isopropylbenzene

Concen: 21.084 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

Tgt Ion:105 Resp: 140447

Ion Ratio Lower Upper

105 100

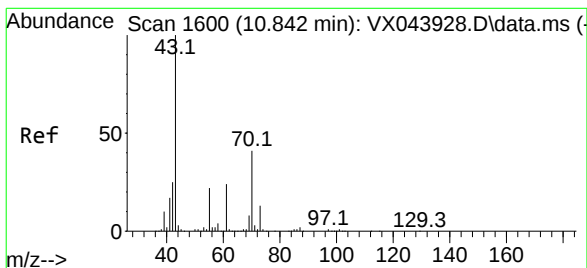
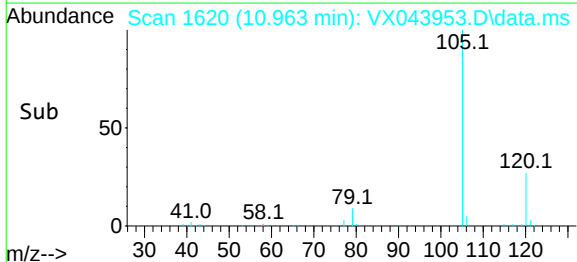
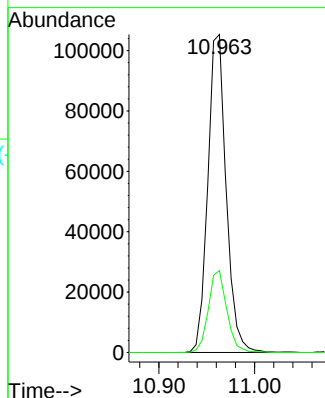
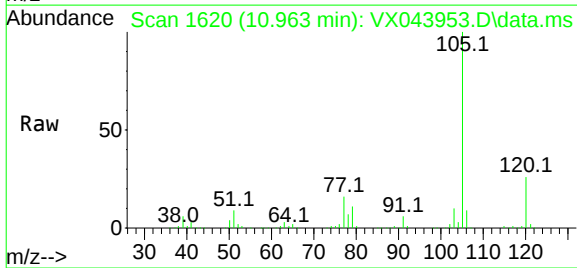
120 25.9 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#74

N-aryl acetate

Concen: 20.600 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Tgt Ion: 43 Resp: 63571

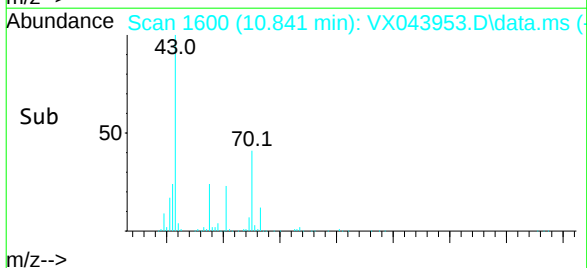
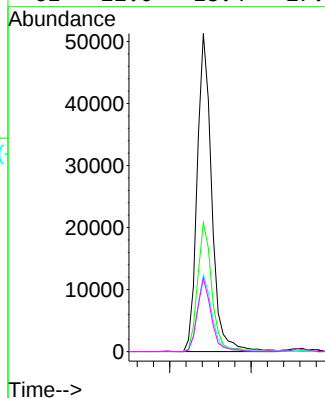
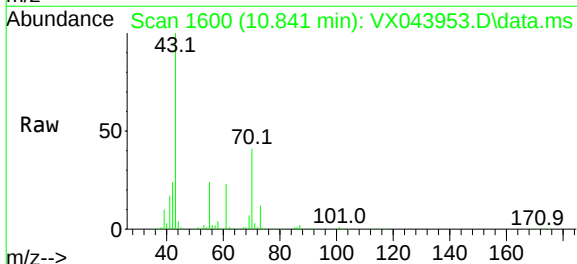
Ion Ratio Lower Upper

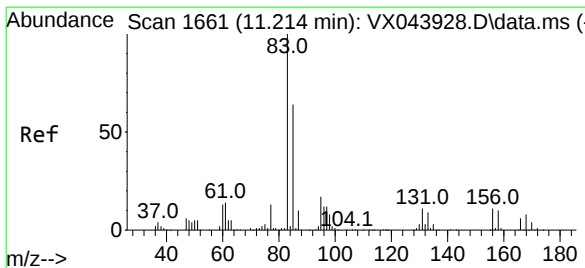
43 100

70 39.9 32.2 48.2

55 23.8 18.1 27.1

61 22.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.561 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

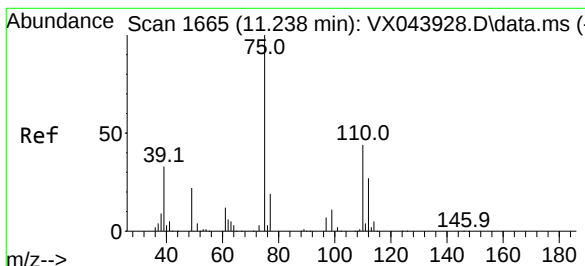
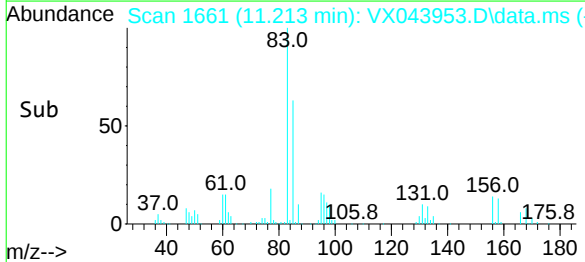
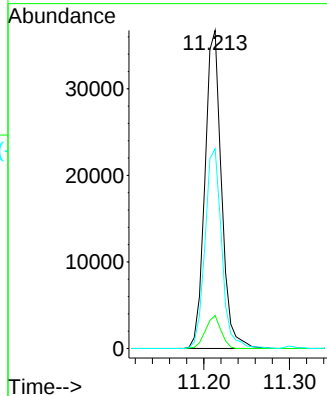
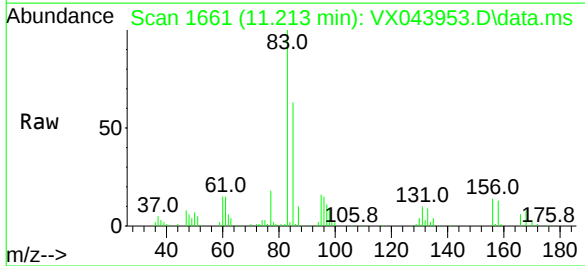
Tgt Ion:	83	Resp:	49179
Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.1	15.2
85	63.4	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#76

1,2,3-Trichloropropane

Concen: 21.032 ug/l m

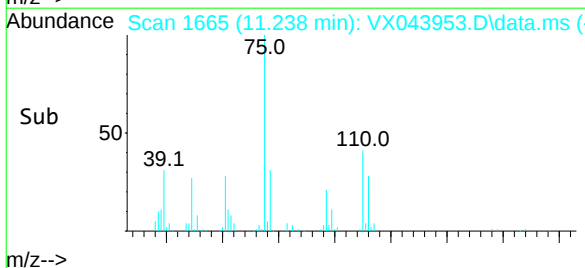
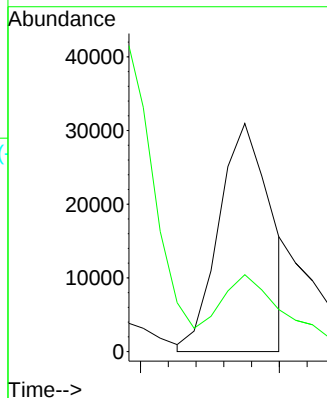
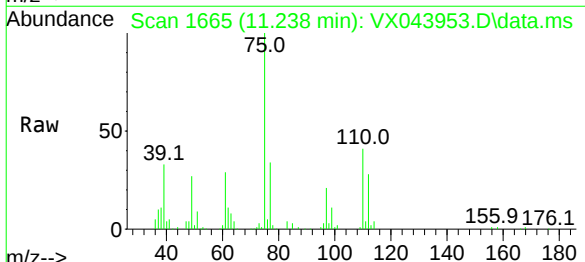
RT: 11.238 min Scan# 1665

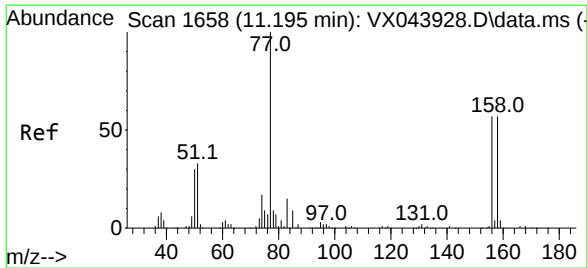
Delta R.T. -0.000 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

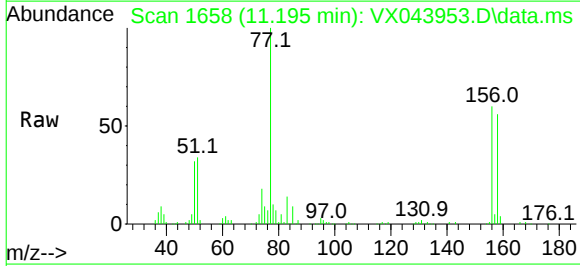
Tgt Ion:	75	Resp:	39969
Ion	Ratio	Lower	Upper
75	100		
77	44.3	21.8	65.3





#77
Bromobenzene
Concen: 20.723 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

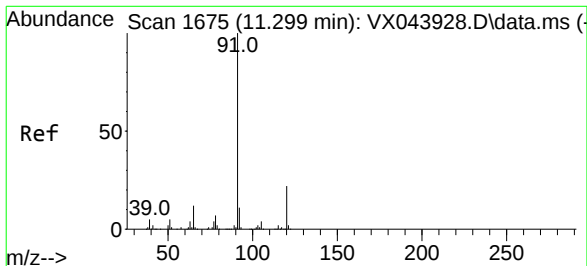
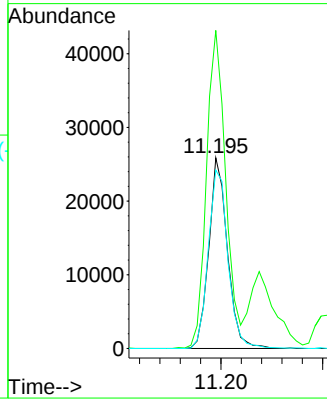
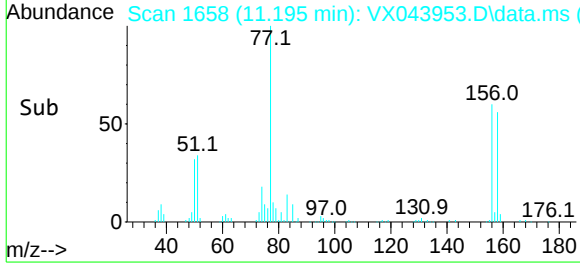
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01



Tgt Ion:156 Resp: 32930
Ion Ratio Lower Upper
156 100
77 171.5 83.4 250.1
158 99.3 47.6 142.8

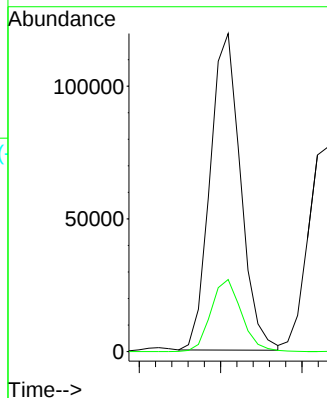
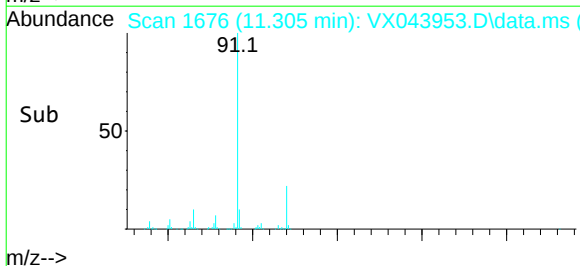
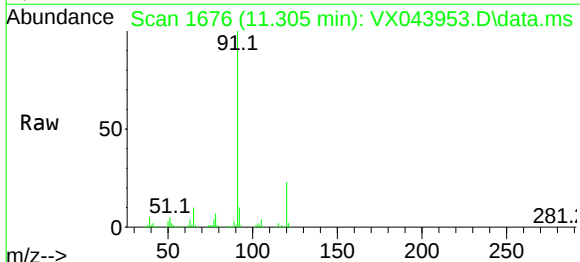
Manual Integrations
APPROVED

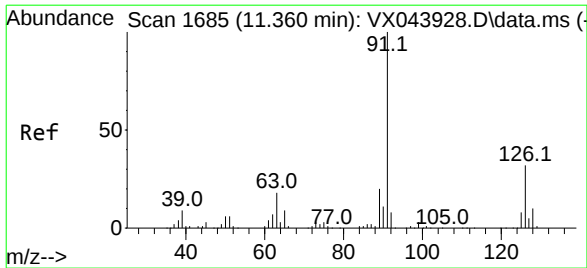
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#78
n-propylbenzene
Concen: 20.912 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion: 91 Resp: 155584
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.442 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

Tgt Ion: 91 Resp: 100875

Ion Ratio Lower Upper

91 100

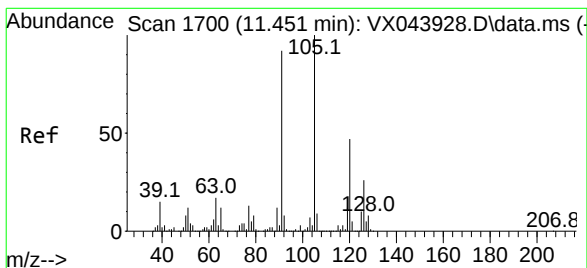
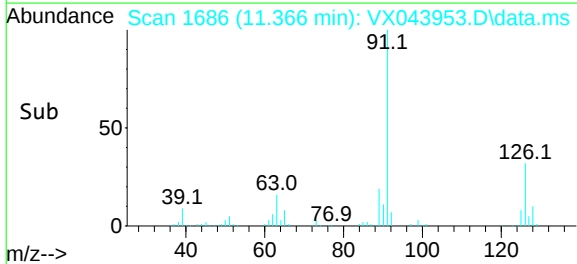
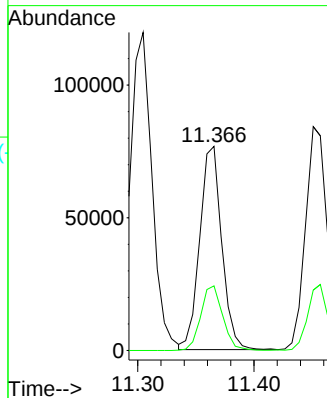
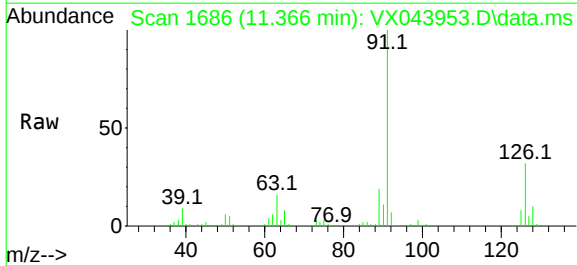
126 31.8 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#80

1,3,5-Trimethylbenzene

Concen: 21.878 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043953.D

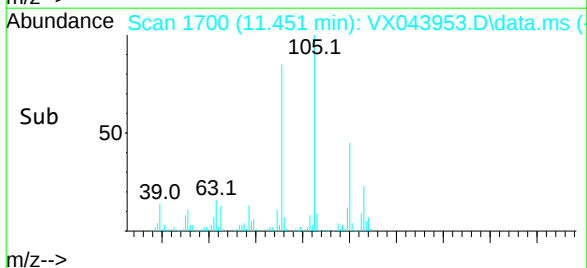
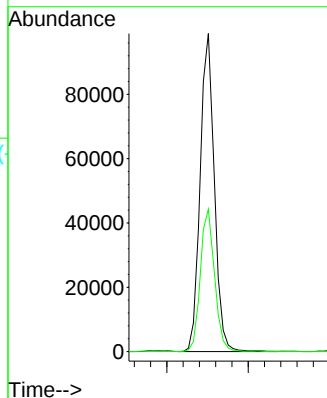
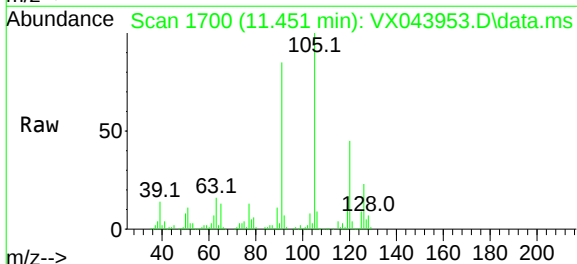
Acq: 22 Nov 2024 12:36

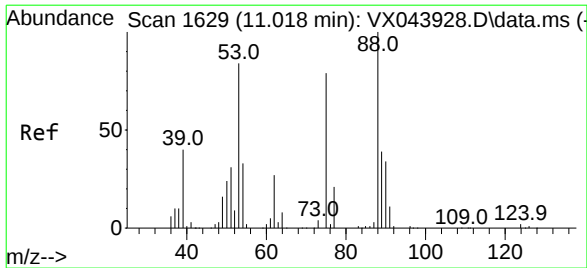
Tgt Ion:105 Resp: 119899

Ion Ratio Lower Upper

105 100

120 44.9 23.3 69.8





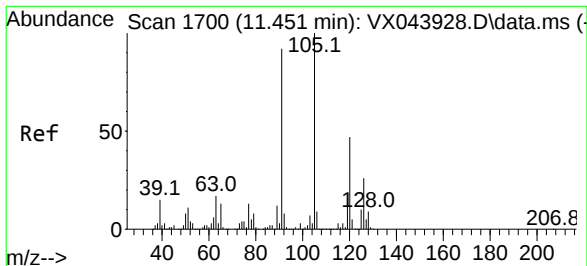
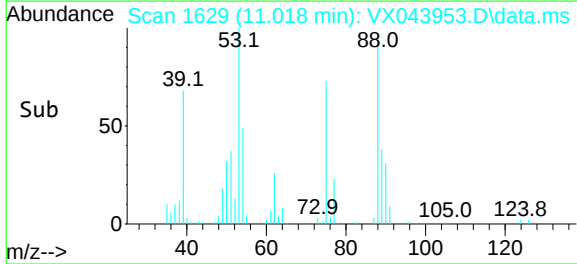
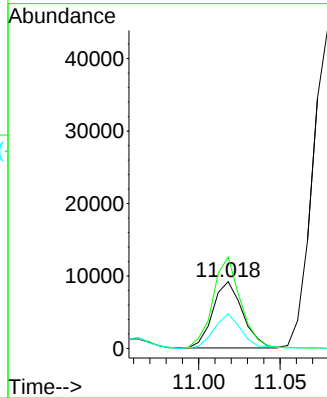
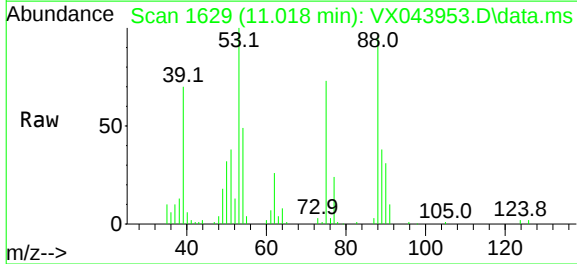
#81
trans-1,4-Dichloro-2-butene
Concen: 16.695 ug/l
RT: 11.018 min Scan# 1627
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Instrument : MSVOA_X
ClientSampleId : VX1122WBS01

Tgt Ion: 75 Resp: 11627
Ion Ratio Lower Upper
75 100
53 131.0 86.7 130.1#
89 48.8 38.2 57.2

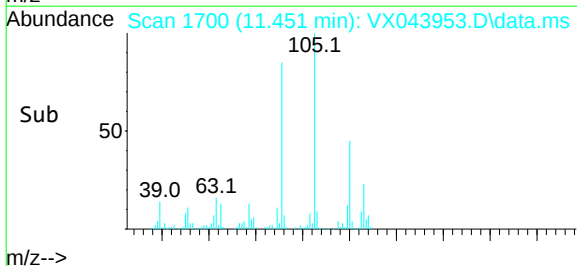
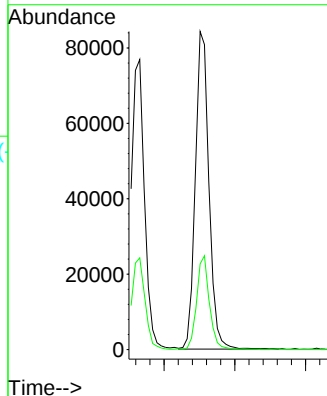
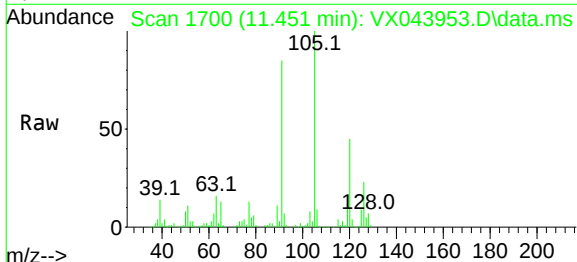
Manual Integrations
APPROVED

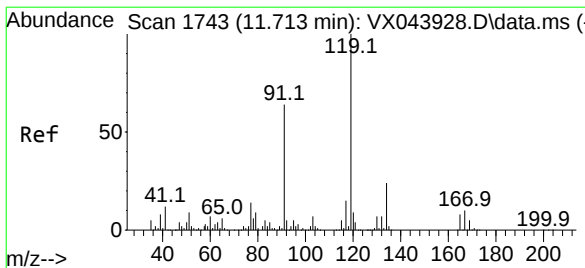
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#82
4-Chlorotoluene
Concen: 21.166 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion: 91 Resp: 112420
Ion Ratio Lower Upper
91 100
126 27.9 14.3 42.9





#83

tert-Butylbenzene

Concen: 21.028 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

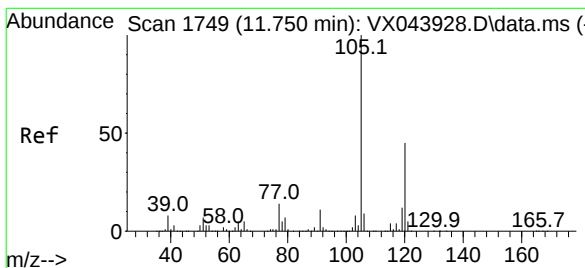
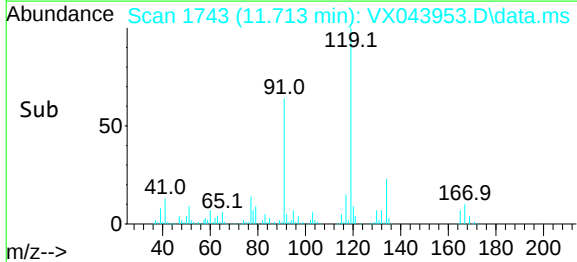
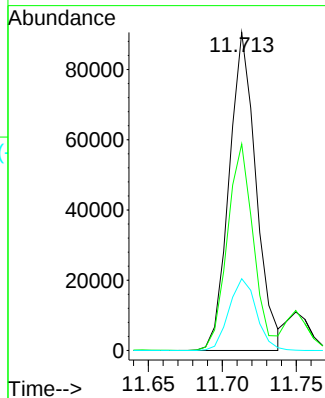
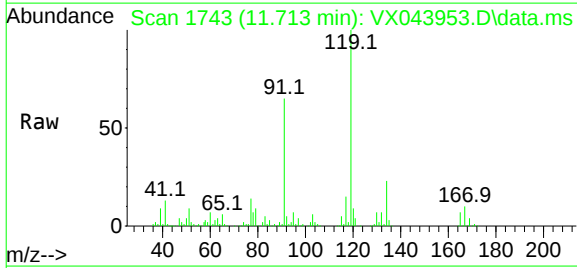
Tgt Ion:	119	Resp:	114224
Ion	Ratio	Lower	Upper
119	100		
91	63.5	31.0	93.0
134	23.1	11.6	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#84

1,2,4-Trimethylbenzene

Concen: 21.424 ug/l

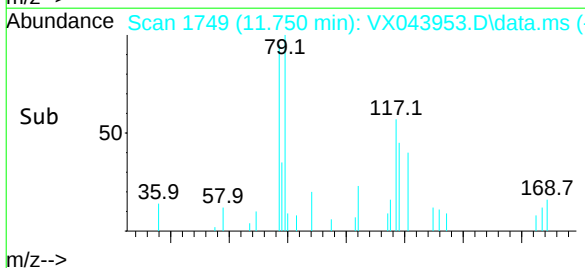
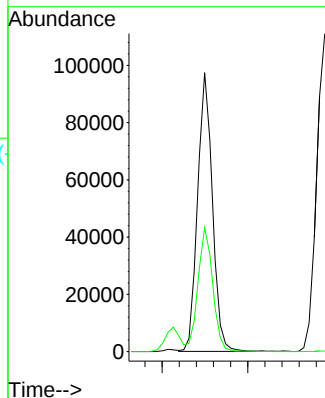
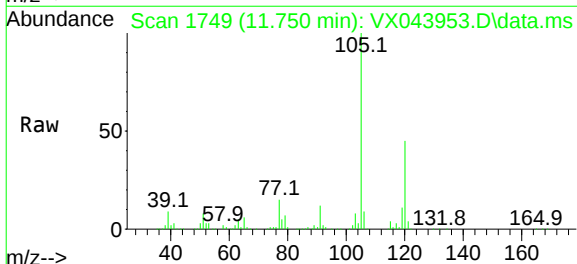
RT: 11.750 min Scan# 1749

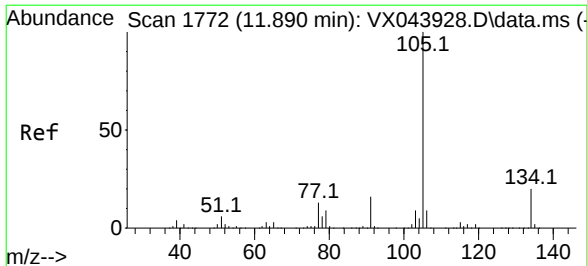
Delta R.T. -0.000 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Tgt Ion:	105	Resp:	116894
Ion	Ratio	Lower	Upper
105	100		
120	44.7	21.9	65.7





#85

sec-Butylbenzene

Concen: 20.577 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

Tgt Ion:105 Resp: 136947

Ion Ratio Lower Upper

105 100

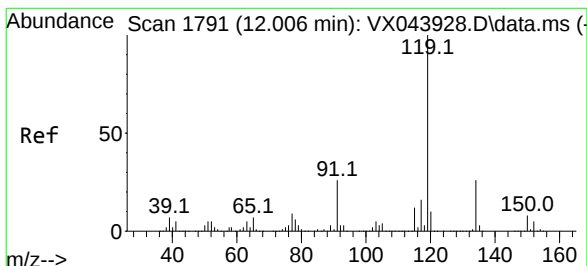
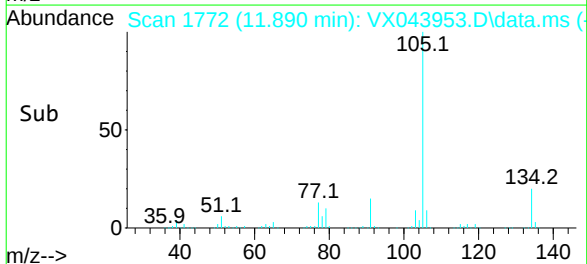
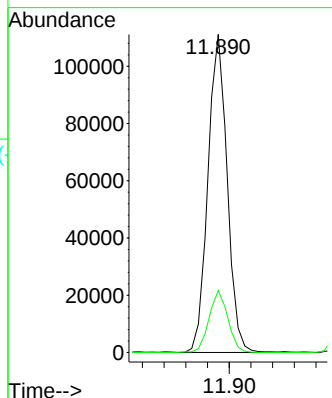
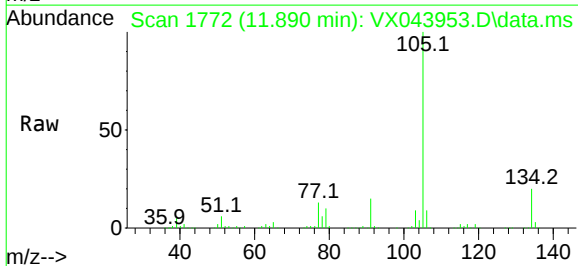
134 19.0 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#86

p-Isopropyltoluene

Concen: 21.255 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

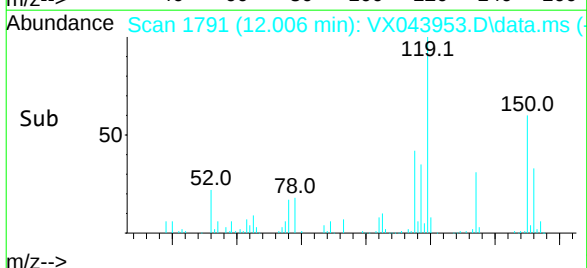
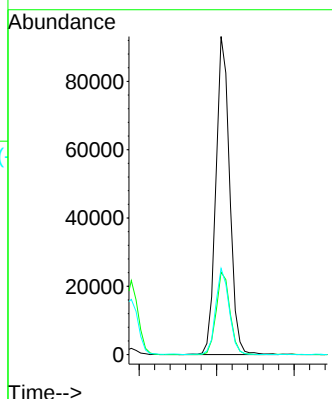
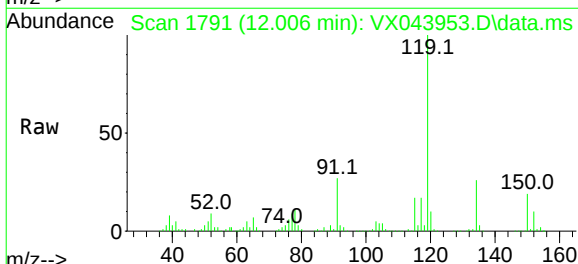
Tgt Ion:119 Resp: 114908

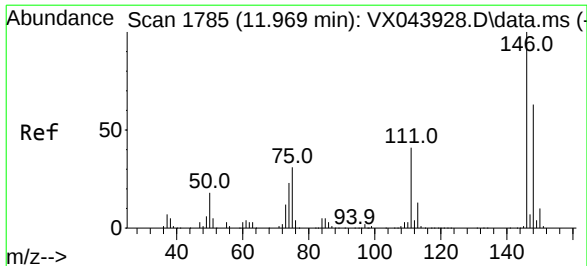
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 26.6 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 20.602 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043953.D

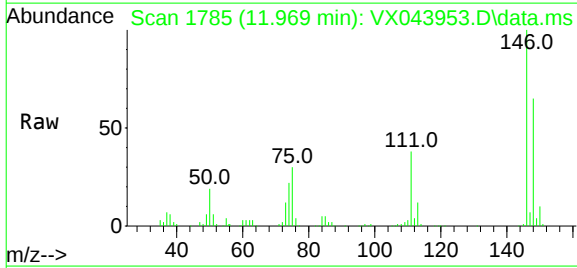
Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01



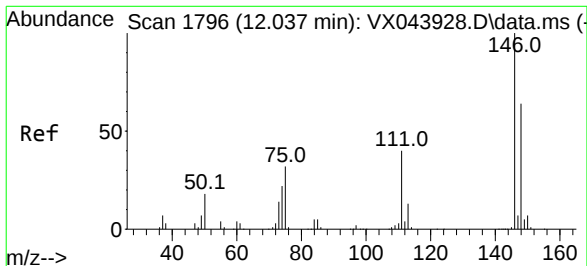
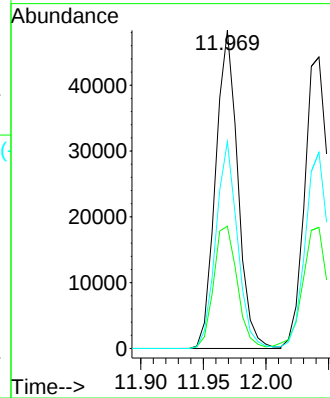
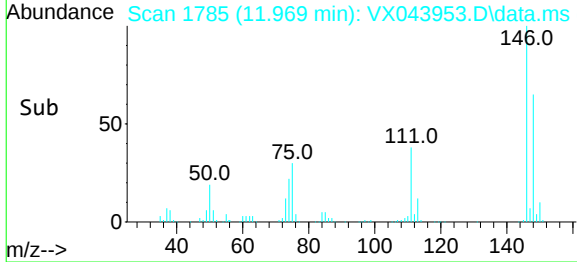
Tgt Ion:	146	Resp:	59626
Ion Ratio	Lower	Upper	
146	100		
111	40.8	21.1	63.3
148	63.1	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#88

1,4-Dichlorobenzene

Concen: 19.988 ug/l

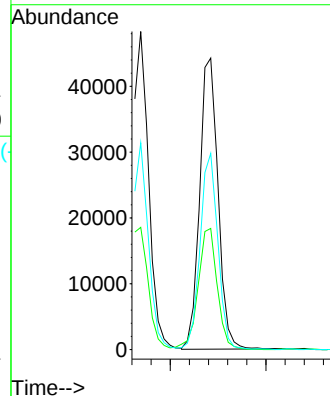
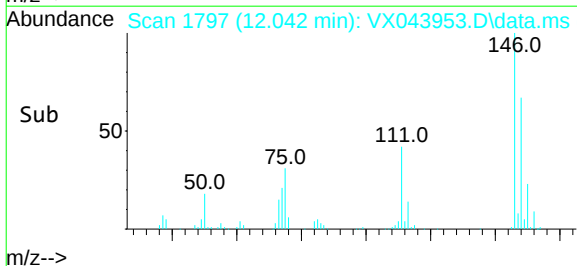
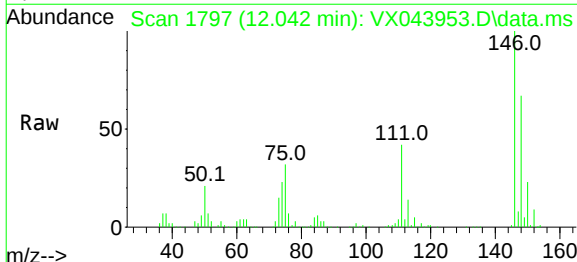
RT: 12.042 min Scan# 1797

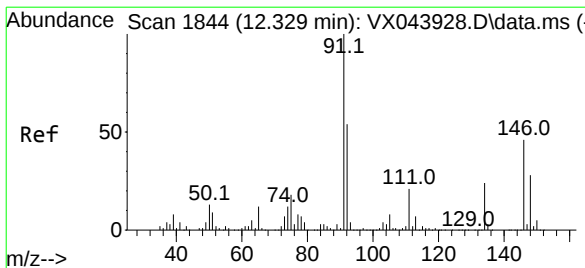
Delta R.T. 0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

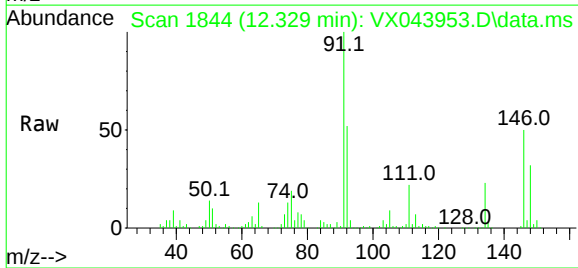
Tgt Ion:	146	Resp:	58980
Ion Ratio	Lower	Upper	
146	100		
111	43.5	20.1	60.3
148	65.5	30.9	92.8





#89
n-Butylbenzene
Concen: 20.917 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

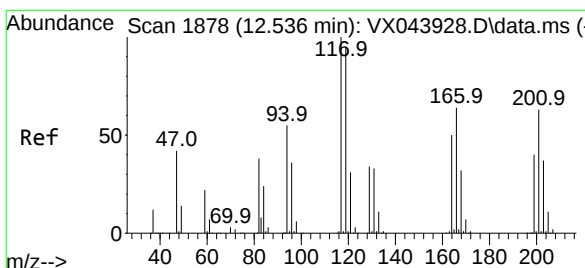
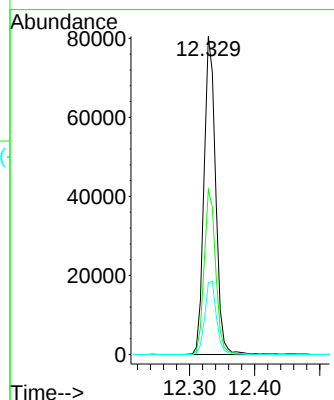
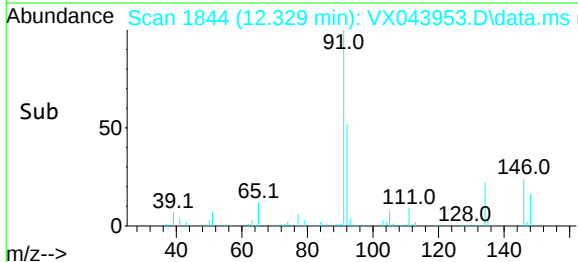
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBS01



Tgt Ion: 91 Resp: 99700
Ion Ratio Lower Upper
91 100
92 51.3 26.6 79.8
134 23.3 12.4 37.2

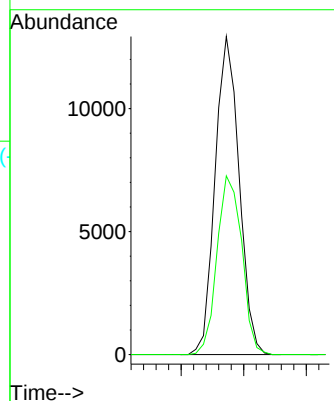
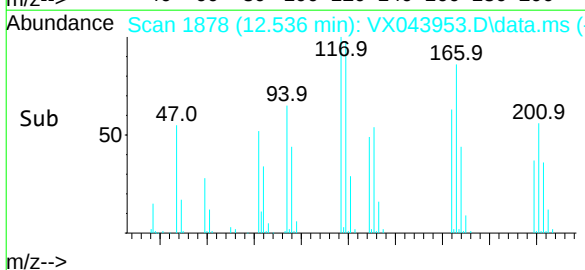
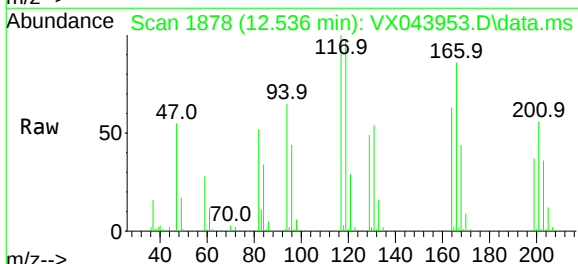
Manual Integrations
APPROVED

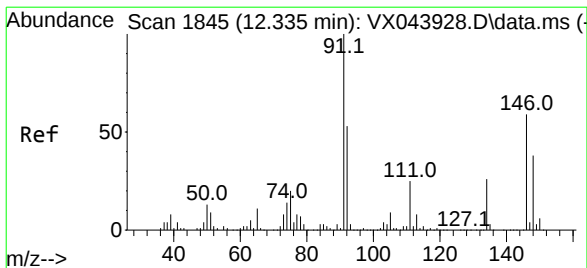
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#90
Hexachloroethane
Concen: 18.732 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX043953.D
Acq: 22 Nov 2024 12:36

Tgt Ion:117 Resp: 17220
Ion Ratio Lower Upper
117 100
201 57.9 32.4 97.0





#91

1,2-Dichlorobenzene

Concen: 20.654 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX043953.D

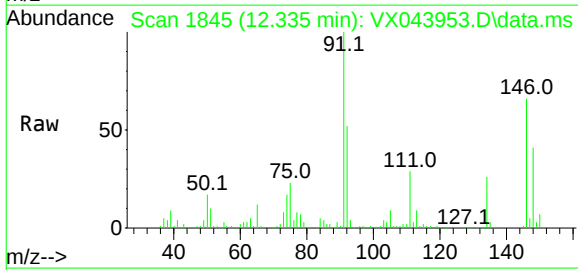
Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01



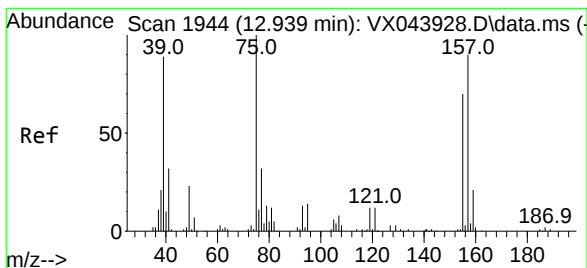
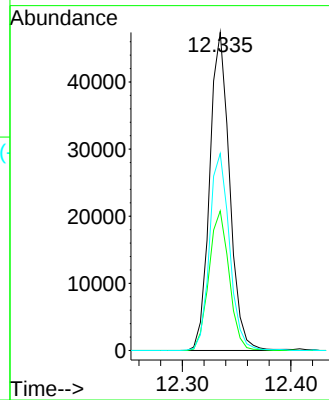
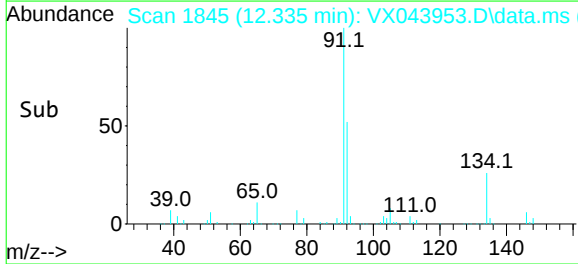
Tgt Ion:	146	Resp:	60326
Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.5	64.5
148	62.5	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.368 ug/l

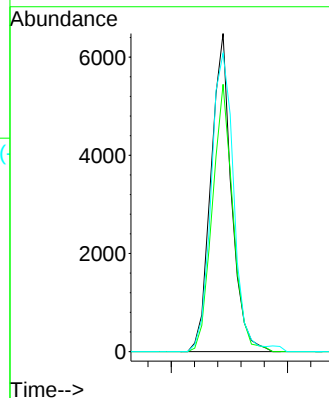
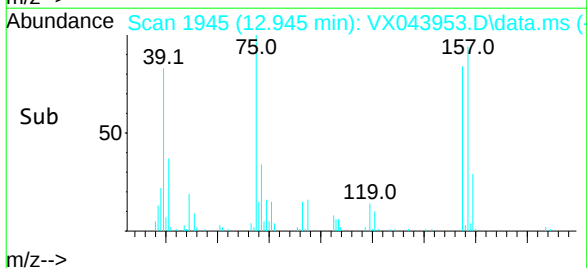
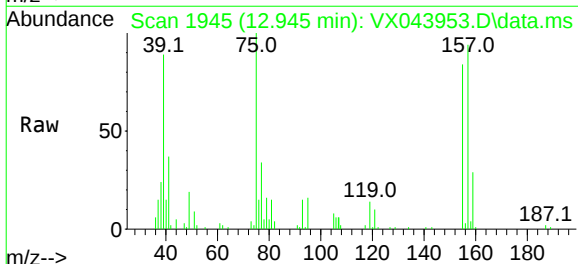
RT: 12.945 min Scan# 1945

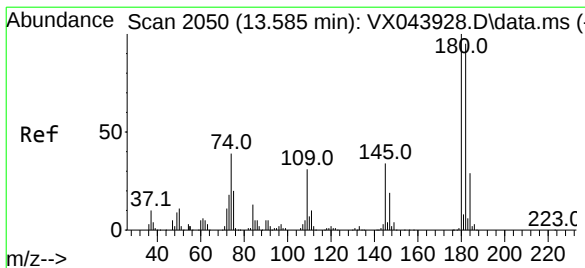
Delta R.T. 0.006 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Tgt Ion:	75	Resp:	7938
Ion	Ratio	Lower	Upper
75	100		
155	84.4	40.1	120.2
157	103.8	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 19.521 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

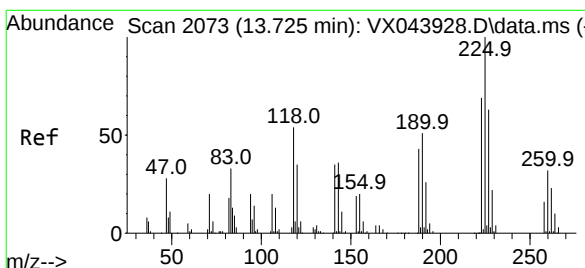
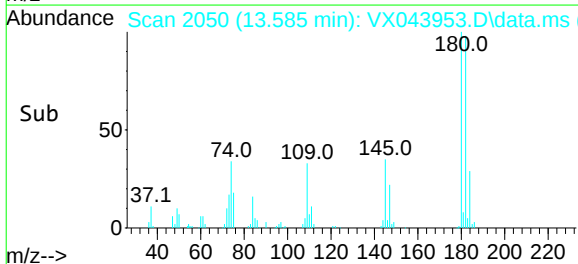
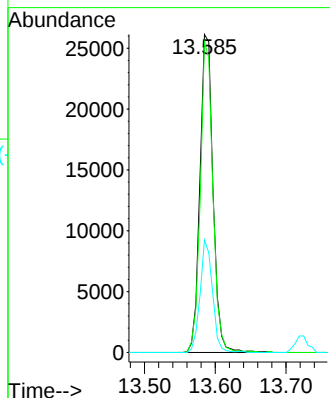
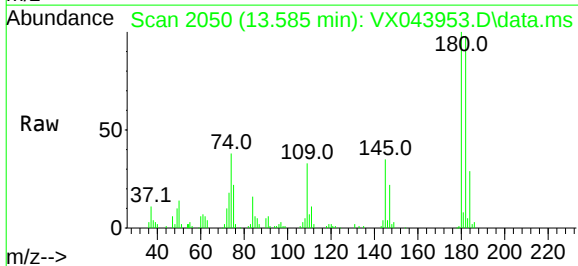
Tgt Ion:	180	Resp:	33614
Ion Ratio	Lower	Upper	
180	100		
182	94.0	48.0	144.2
145	33.6	16.8	50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#94

Hexachlorobutadiene

Concen: 19.782 ug/l

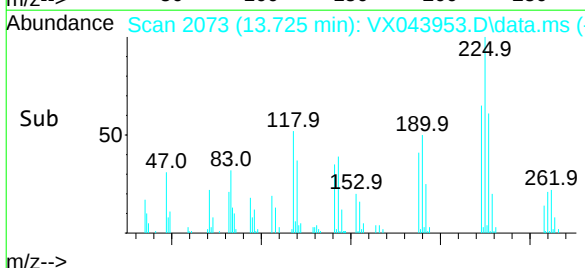
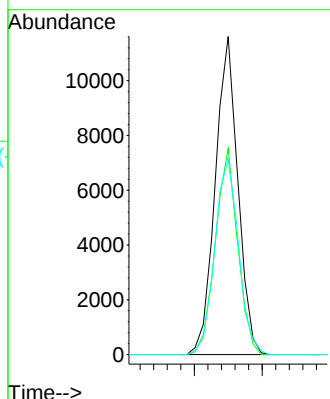
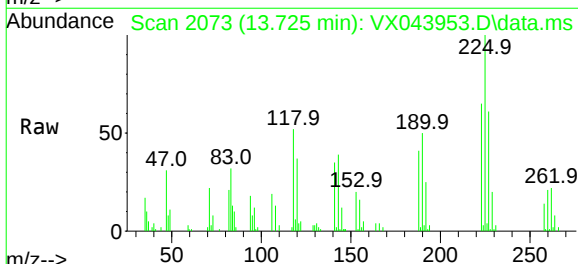
RT: 13.725 min Scan# 2073

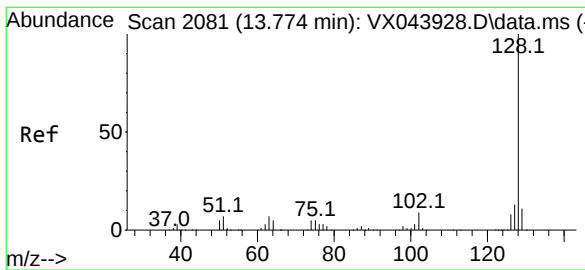
Delta R.T. -0.000 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Tgt Ion:	225	Resp:	13463
Ion Ratio	Lower	Upper	
225	100		
223	63.8	32.9	98.6
227	64.2	31.6	94.8





#95

Naphthalene

Concen: 20.050 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBS01

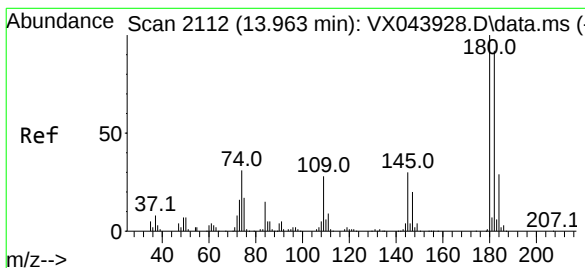
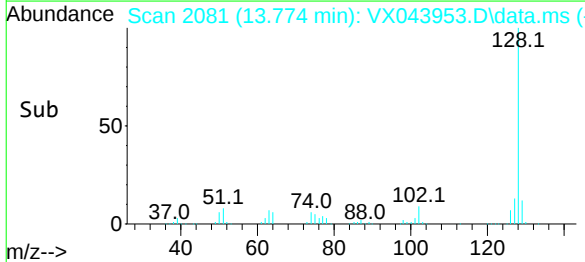
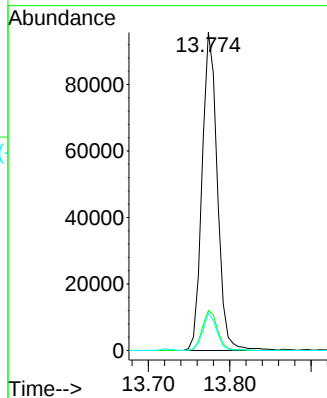
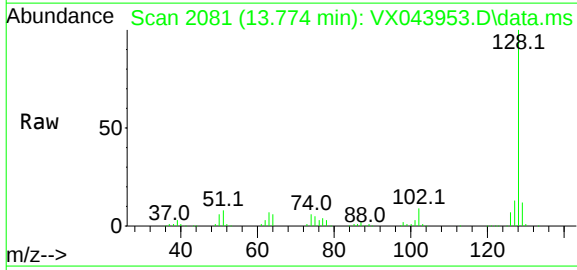
Tgt Ion:	128	Resp:	124279
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.2
129	10.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 20.203 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX043953.D

Acq: 22 Nov 2024 12:36

Tgt Ion:	180	Resp:	35212
Ion Ratio	Lower	Upper	
180	100		
182	94.1	45.6	136.8
145	34.1	16.4	49.4

