

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043954.D
 Acq On : 22 Nov 2024 13:02
 Operator : JC/MD
 Sample : VX1122WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 22 22:20:50 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

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	109076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	195872	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100196	53.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.120%			
35) Dibromofluoromethane	5.385	113	72137	51.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.080%			
50) Toluene-d8	8.647	98	250635	51.950	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.900%			
62) 4-Bromofluorobenzene	11.079	95	86479	52.669	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27785	20.108	ug/l	96
3) Chloromethane	1.294	50	29728	20.444	ug/l	96
4) Vinyl Chloride	1.374	62	31592	20.426	ug/l	97
5) Bromomethane	1.599	94	20295	21.330	ug/l	99
6) Chloroethane	1.666	64	21360	22.665	ug/l	94
7) Trichlorofluoromethane	1.867	101	60353	21.826	ug/l	100
8) Diethyl Ether	2.136	74	21147	20.982	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	27774	21.057	ug/l	98
10) Methyl Iodide	2.447	142	32944	19.998	ug/l	97
11) Tert butyl alcohol	2.995	59	29700	98.905	ug/l	98
12) 1,1-Dichloroethene	2.306	96	24194	19.249	ug/l	86
13) Acrolein	2.233	56	33008	104.286	ug/l	99
14) Allyl chloride	2.660	41	42147	20.522	ug/l	97
15) Acrylonitrile	3.062	53	79030	107.997	ug/l	98
16) Acetone	2.386	43	86367	100.513	ug/l	98
17) Carbon Disulfide	2.501	76	43889	16.929	ug/l	98
18) Methyl Acetate	2.703	43	43057	21.518	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	98693	21.626	ug/l	100
20) Methylene Chloride	2.782	84	29543	20.260	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	26401	20.345	ug/l	95
22) Diisopropyl ether	3.763	45	94170	21.444	ug/l	98
23) Vinyl Acetate	3.721	43	408506	108.742	ug/l	99
24) 1,1-Dichloroethane	3.599	63	52345	20.662	ug/l	99
25) 2-Butanone	4.562	43	119728	107.988	ug/l	96
26) 2,2-Dichloropropane	4.465	77	46118	20.157	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	32647	20.353	ug/l	99
28) Bromochloromethane	4.891	49	22133	19.848	ug/l	99
29) Tetrahydrofuran	5.001	42	74565	109.701	ug/l	99
30) Chloroform	5.086	83	58065	21.310	ug/l	97
31) Cyclohexane	5.458	56	43641	20.930	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	48619	20.691	ug/l	99
36) 1,1-Dichloropropene	5.684	75	35764	20.506	ug/l	99
37) Ethyl Acetate	4.714	43	47085	21.749	ug/l	99
38) Carbon Tetrachloride	5.665	117	39037	19.920	ug/l	99
39) Methylcyclohexane	7.373	83	46390	20.474	ug/l	92
40) Benzene	6.031	78	112619	20.730	ug/l	96

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 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	22859	20.630	ug/l #	94
42) 1,2-Dichloroethane	6.080	62	46195	21.172	ug/l	97
43) Isopropyl Acetate	6.342	43	74632	21.661	ug/l	99
44) Trichloroethene	7.123	130	26781	17.414	ug/l	90
45) 1,2-Dichloropropane	7.427	63	28429	21.366	ug/l	93
46) Dibromomethane	7.580	93	22603	21.475	ug/l	96
47) Bromodichloromethane	7.818	83	38744	20.524	ug/l	96
48) Methyl methacrylate	7.696	41	34130	20.644	ug/l	99
49) 1,4-Dioxane	7.665	88	10534	357.698	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	236829	112.638	ug/l	98
52) Toluene	8.714	92	69441	21.356	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	39050	20.285	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	43430	20.580	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	27781	20.697	ug/l	95
56) Ethyl methacrylate	9.116	69	44109	21.098	ug/l	98
57) 1,3-Dichloropropane	9.305	76	49838	22.042	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	112089	97.143	ug/l	97
59) 2-Hexanone	9.433	43	174736	110.568	ug/l	99
60) Dibromochloromethane	9.518	129	25683	19.071	ug/l	95
61) 1,2-Dibromoethane	9.610	107	29772	21.936	ug/l	98
64) Tetrachloroethene	9.269	164	23366	20.722	ug/l	98
65) Chlorobenzene	10.079	112	74928	19.949	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	24536	20.143	ug/l	96
67) Ethyl Benzene	10.189	91	130020	20.429	ug/l	100
68) m/p-Xylenes	10.299	106	97028	40.881	ug/l	99
69) o-Xylene	10.640	106	48479	20.920	ug/l	99
70) Styrene	10.652	104	78583	20.503	ug/l	98
71) Bromoform	10.799	173	14931	17.533	ug/l #	95
73) Isopropylbenzene	10.963	105	125832	20.617	ug/l	99
74) N-amyl acetate	10.841	43	58504	20.692	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	45786	21.909	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	37193m	21.361	ug/l	
77) Bromobenzene	11.195	156	29411	20.201	ug/l	99
78) n-propylbenzene	11.305	91	141102	20.700	ug/l	100
79) 2-Chlorotoluene	11.360	91	92095	21.366	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	105010	20.914	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10352	16.224	ug/l #	78
82) 4-Chlorotoluene	11.451	91	102553	21.075	ug/l	99
83) tert-Butylbenzene	11.713	119	104939	21.086	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	107681	21.541	ug/l	99
85) sec-Butylbenzene	11.890	105	124001	20.336	ug/l	100
86) p-Isopropyltoluene	12.006	119	105513	21.303	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	53195	20.061	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	54275	20.076	ug/l	97
89) n-Butylbenzene	12.329	91	89016	20.384	ug/l	99
90) Hexachloroethane	12.536	117	15072	17.895	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	55361	20.688	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8390	20.036	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	29761	18.864	ug/l	99
94) Hexachlorobutadiene	13.725	225	11821	18.958	ug/l	97
95) Naphthalene	13.774	128	117216	20.640	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	30581	19.151	ug/l	94

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

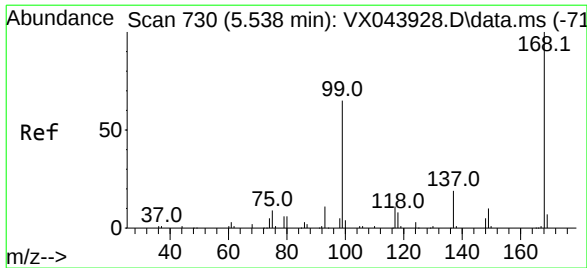
Manual Integrations
APPROVED

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

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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

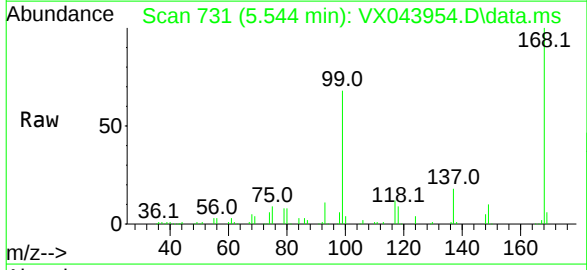
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 730
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

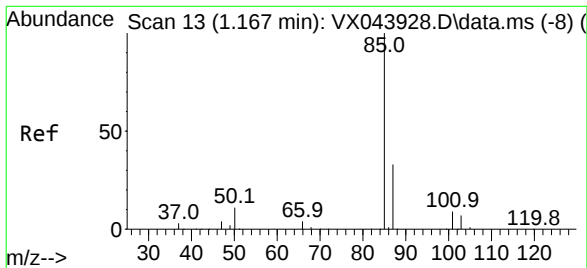
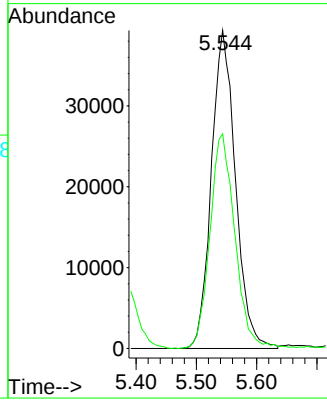
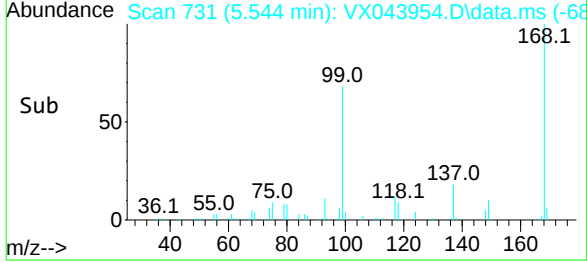
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion: 168 Resp: 109076
Ion Ratio Lower Upper
168 100
99 67.5 51.8 77.8

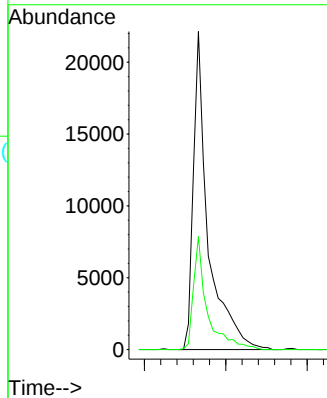
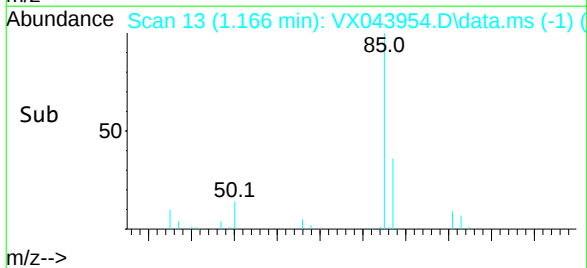
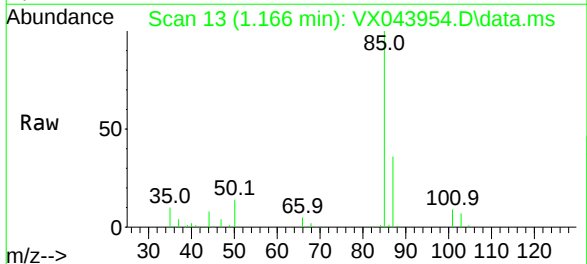
Manual Integrations
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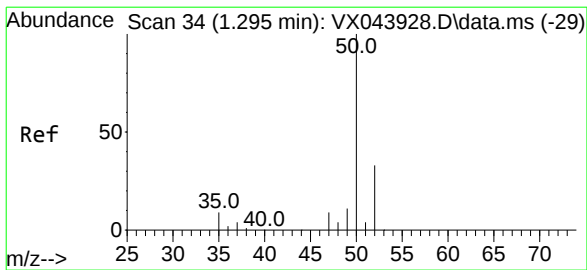
Reviewed By : John Carlone 11/25/2024
Supervised By : Mahesh Dadoda 11/25/2024



#2
Dichlorodifluoromethane
Concen: 20.108 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion: 85 Resp: 27785
Ion Ratio Lower Upper
85 100
87 35.5 16.6 49.8





#3

Chloromethane

Concen: 20.444 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tgt Ion: 50 Resp: 29728

Ion Ratio Lower Upper

50 100

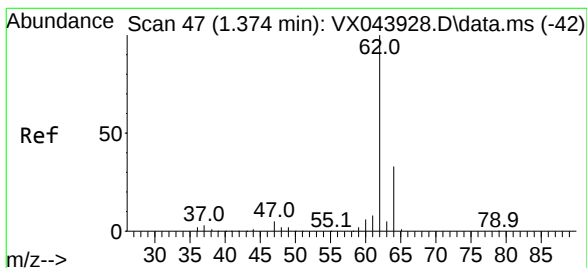
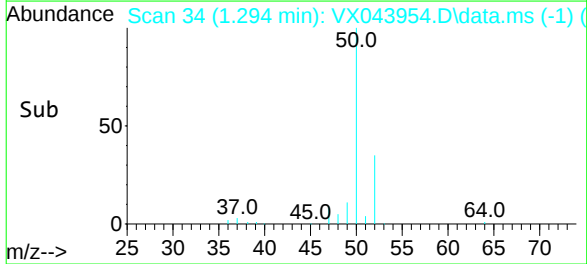
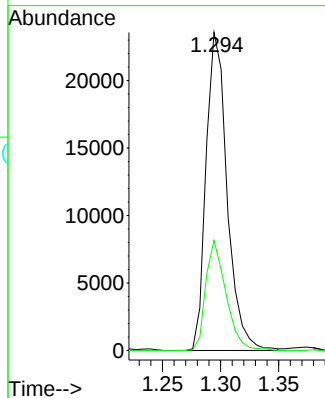
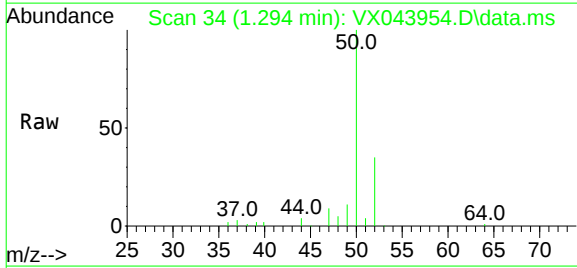
52 34.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#4

Vinyl Chloride

Concen: 20.426 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX043954.D

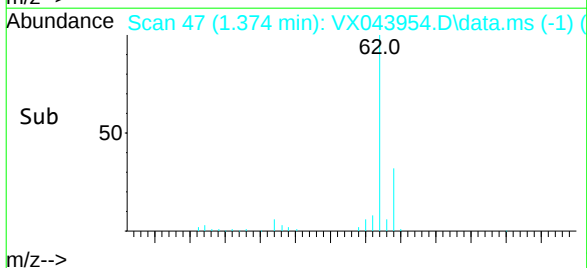
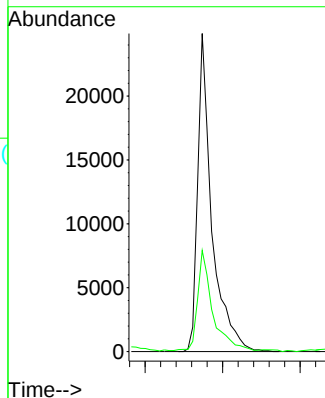
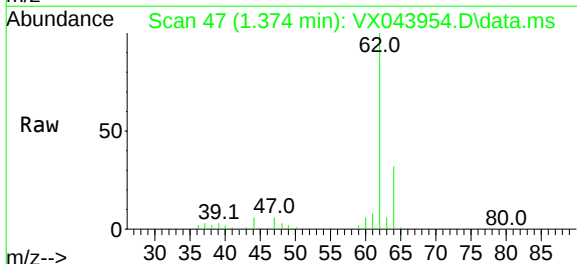
Acq: 22 Nov 2024 13:02

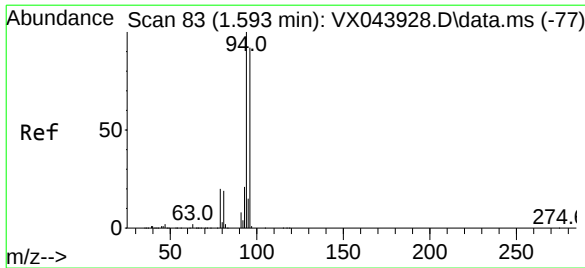
Tgt Ion: 62 Resp: 31592

Ion Ratio Lower Upper

62 100

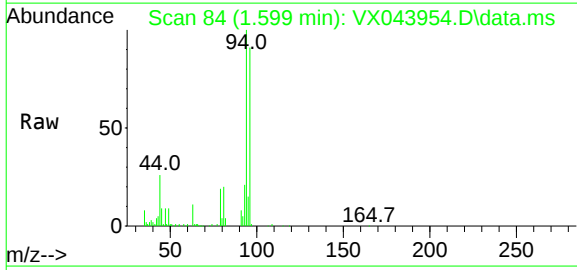
64 31.3 26.2 39.4





#5
Bromomethane
Concen: 21.330 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

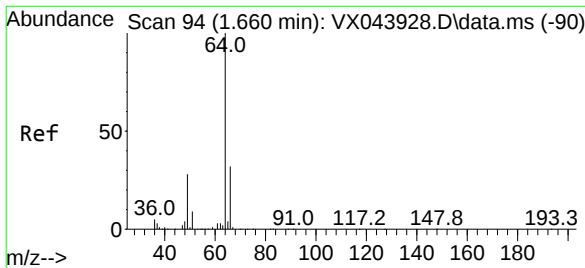
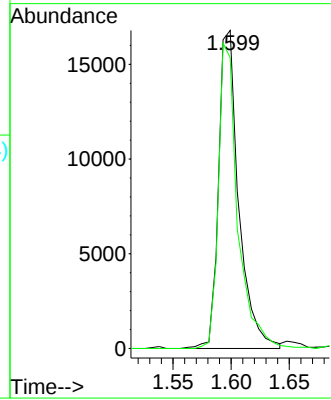
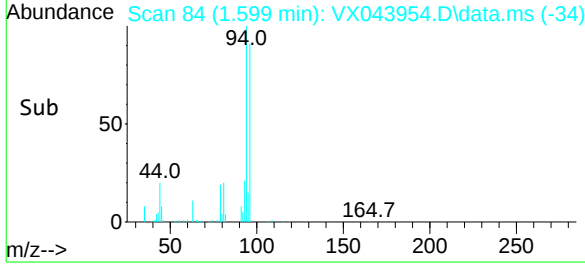
Instrument :
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Tgt Ion: 94 Resp: 20295
Ion Ratio Lower Upper
94 100
96 91.5 73.9 110.9

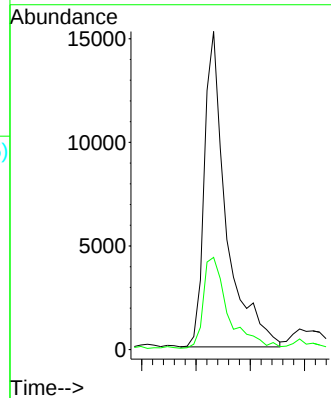
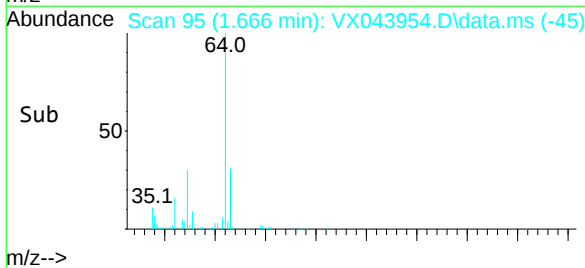
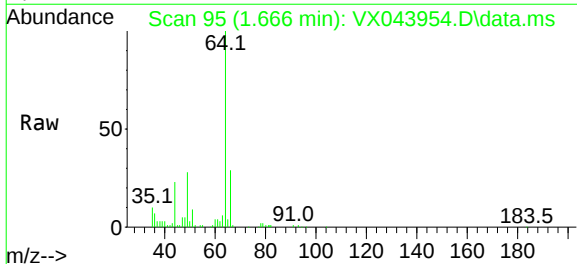
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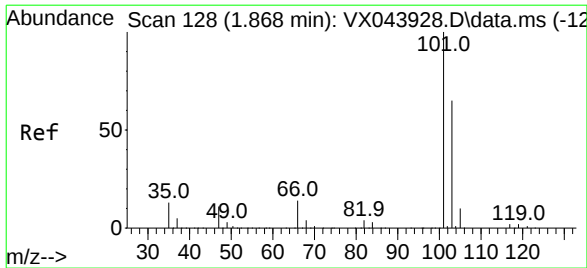
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#6
Chloroethane
Concen: 22.665 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion: 64 Resp: 21360
Ion Ratio Lower Upper
64 100
66 28.8 25.9 38.9





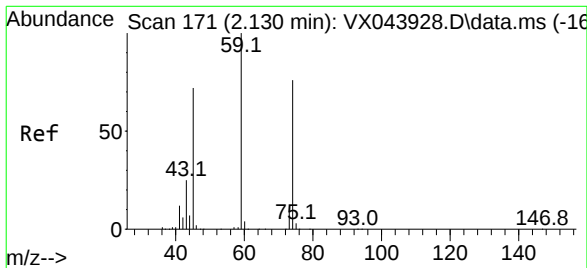
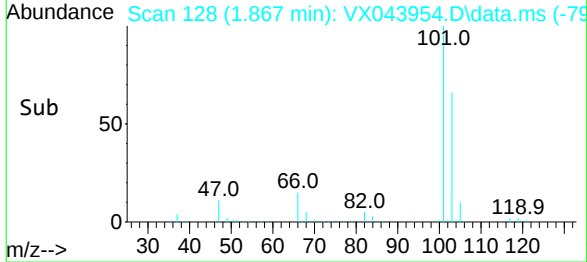
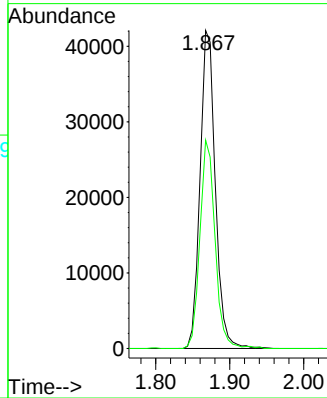
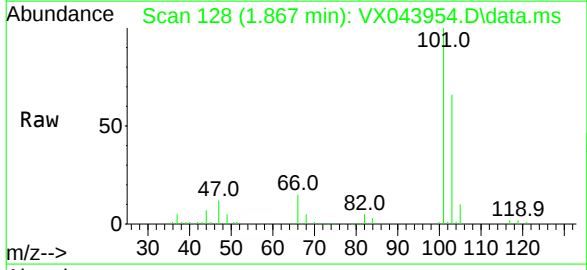
#7
 Trichlorofluoromethane
 Concen: 21.826 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX043954.D
 Acq: 22 Nov 2024 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD01

Tgt Ion:101 Resp: 60353
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.2 78.2

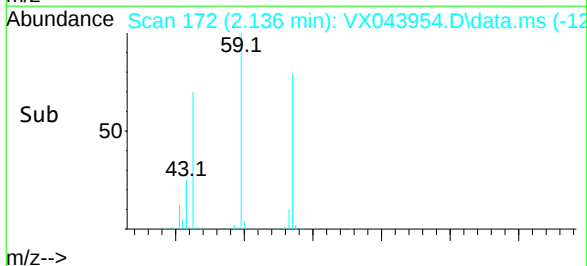
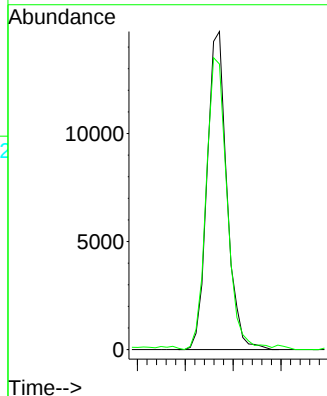
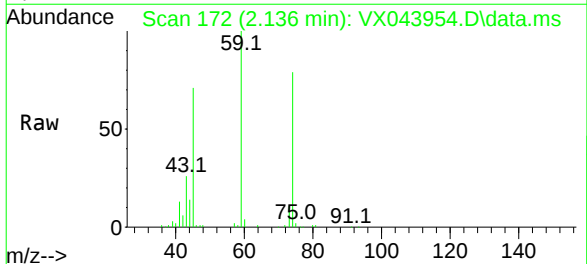
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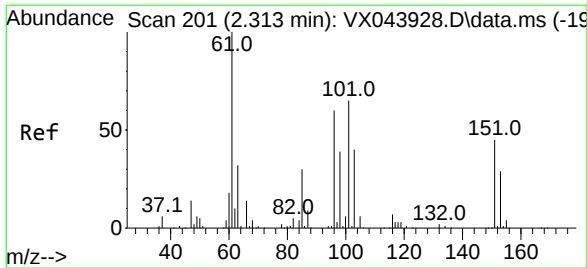
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#8
 Diethyl Ether
 Concen: 20.982 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
 Lab File: VX043954.D
 Acq: 22 Nov 2024 13:02

Tgt Ion: 74 Resp: 21147
 Ion Ratio Lower Upper
 74 100
 45 97.0 47.9 143.6





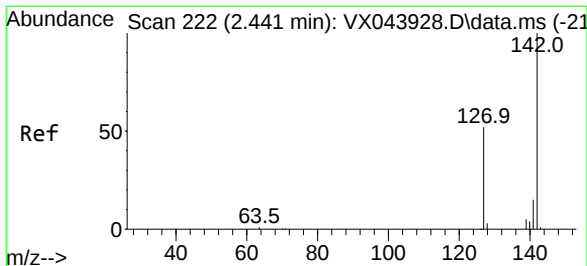
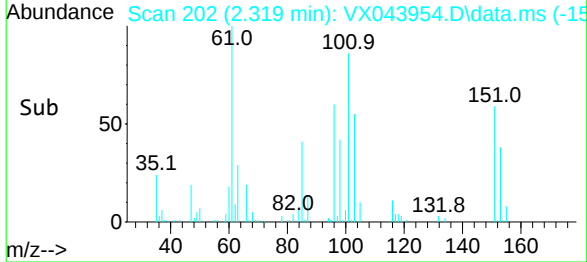
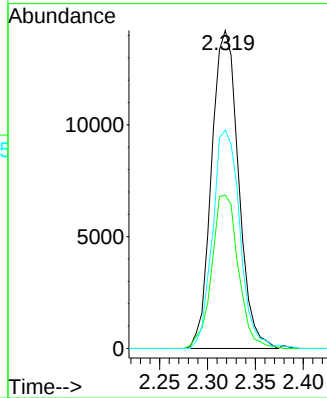
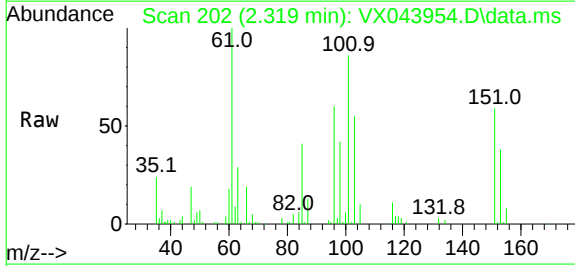
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.057 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion:101 Resp: 27774
Ion Ratio Lower Upper
101 100
85 47.8 37.9 56.9
151 69.9 57.5 86.3

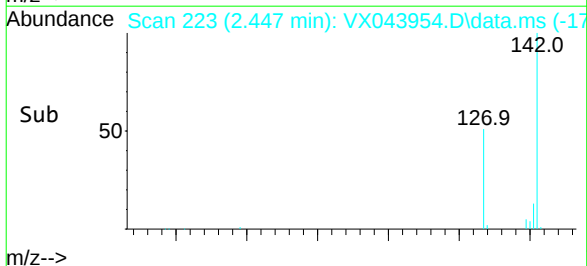
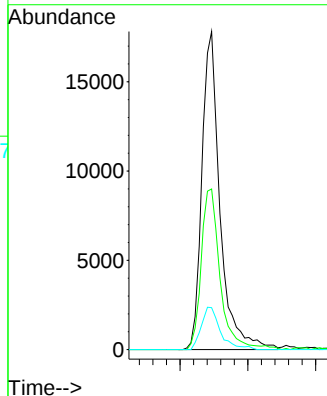
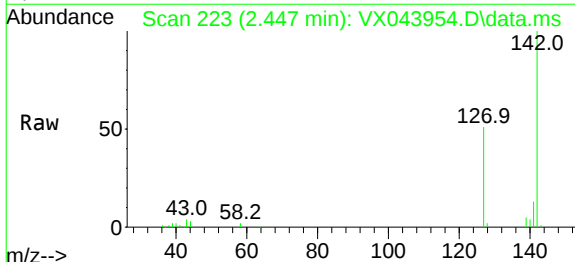
Manual Integrations
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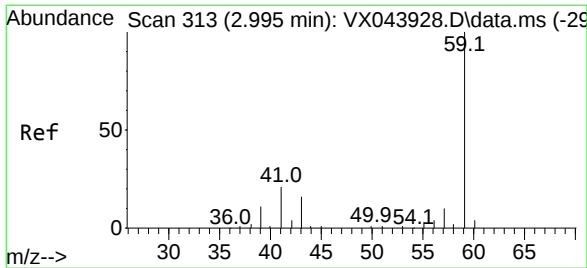
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#10
Methyl Iodide
Concen: 19.998 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

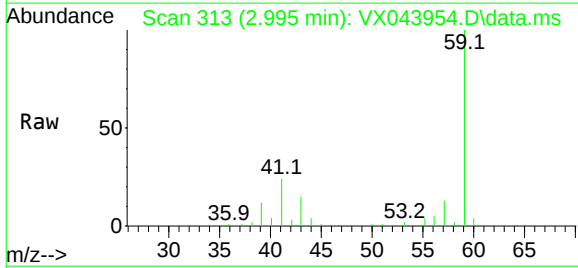
Tgt Ion:142 Resp: 32944
Ion Ratio Lower Upper
142 100
127 52.9 40.7 61.1
141 14.1 12.0 18.0





#11
Tert butyl alcohol
Concen: 98.905 ug/l
RT: 2.995 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

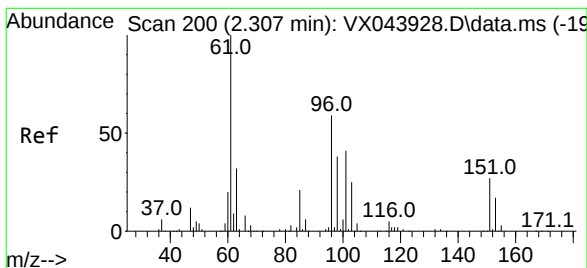
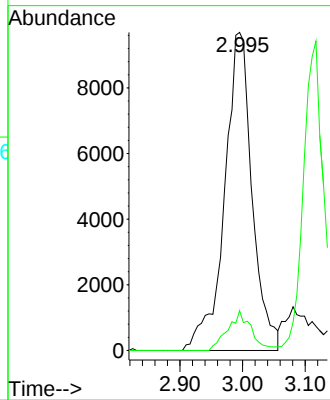
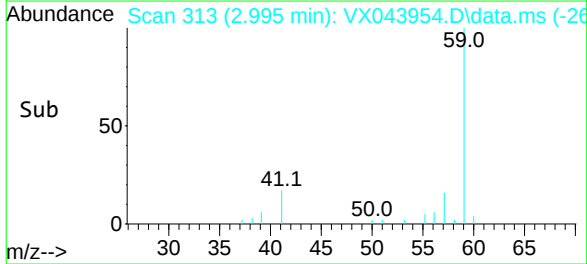
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



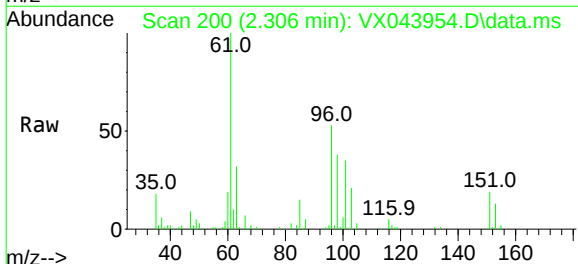
Tgt Ion: 59 Resp: 29700
Ion Ratio Lower Upper
59 100
57 10.5 7.9 11.9

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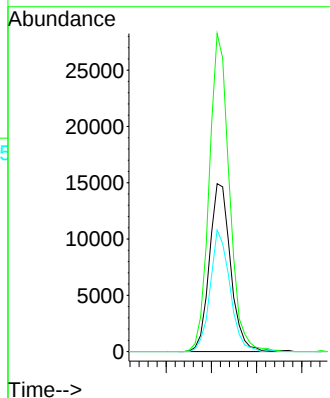
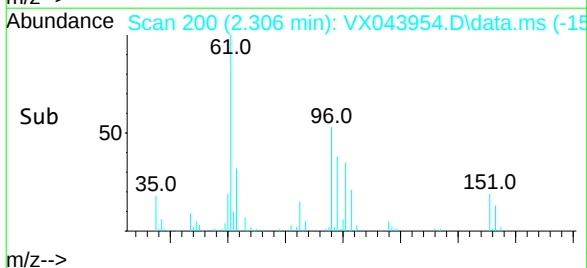
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

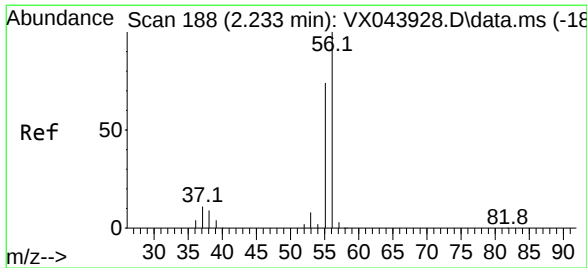


#12
1,1-Dichloroethene
Concen: 19.249 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02



Tgt Ion: 96 Resp: 24194
Ion Ratio Lower Upper
96 100
61 189.4 135.5 203.3
98 72.4 50.8 76.2





#13

Acrolein

Concen: 104.286 ug/l

RT: 2.233 min Scan# 18

Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tgt Ion: 56 Resp: 33008

Ion Ratio Lower Upper

56 100

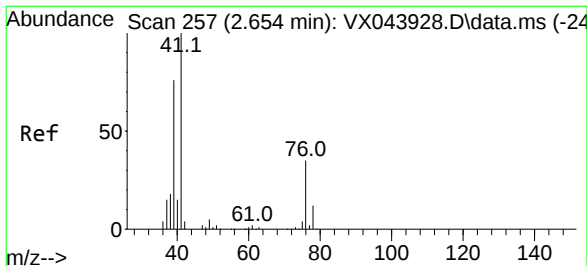
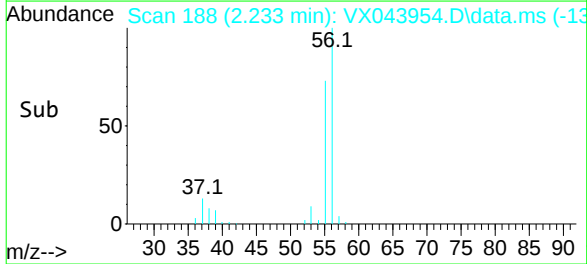
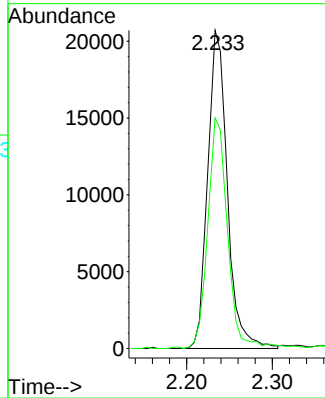
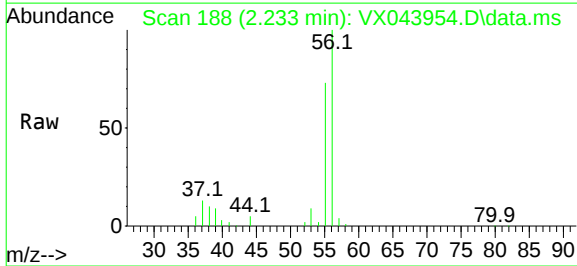
55 73.6 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#14

Allyl chloride

Concen: 20.522 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.006 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

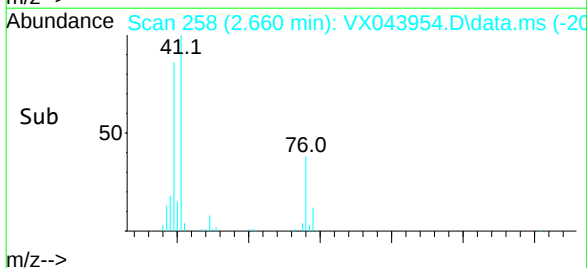
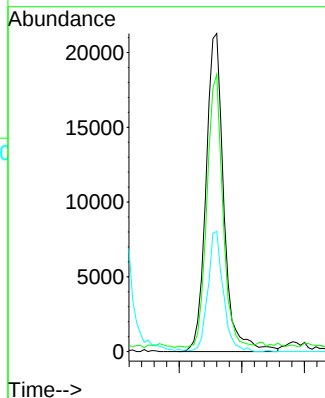
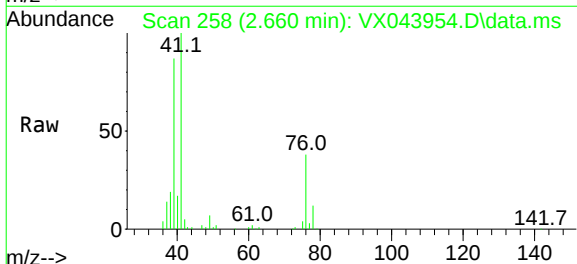
Tgt Ion: 41 Resp: 42147

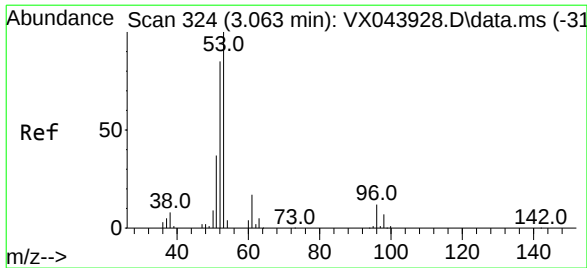
Ion Ratio Lower Upper

41 100

39 76.3 59.5 89.3

76 32.5 27.4 41.2





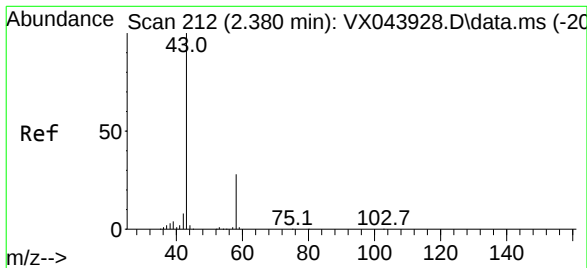
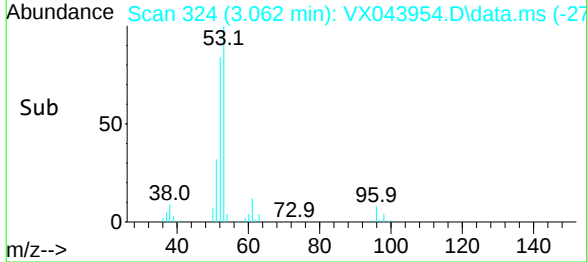
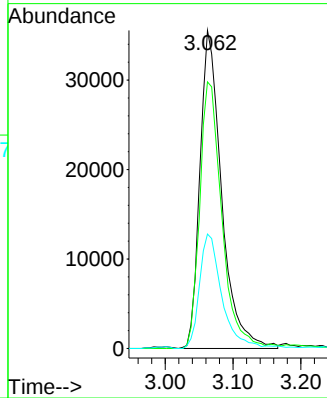
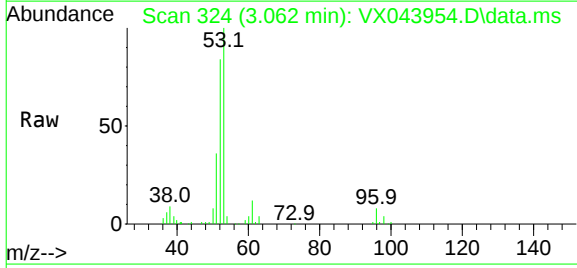
#15
Acrylonitrile
Concen: 107.997 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.0	66.5	99.7
51	36.9	30.2	45.4

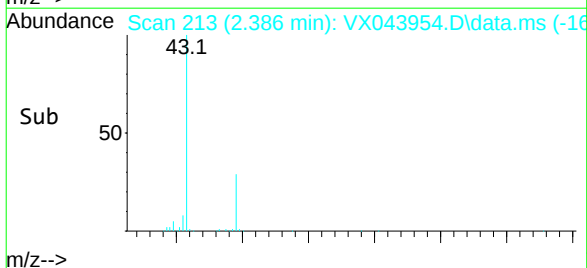
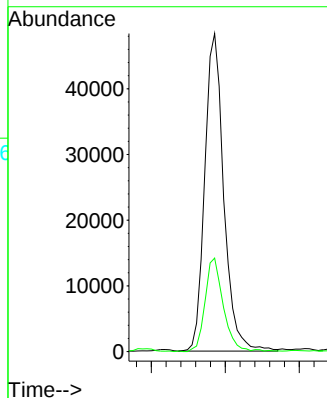
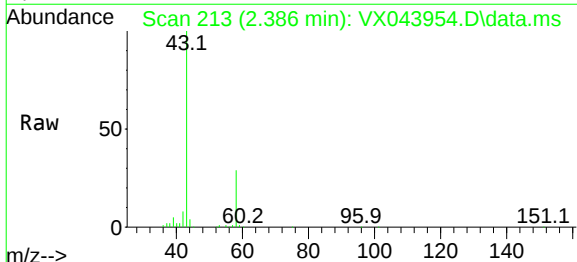
Manual Integrations
APPROVED

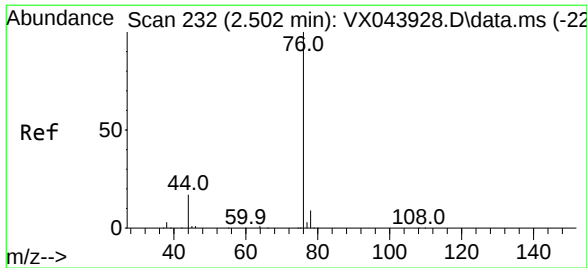
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#16
Acetone
Concen: 100.513 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.7	34.1





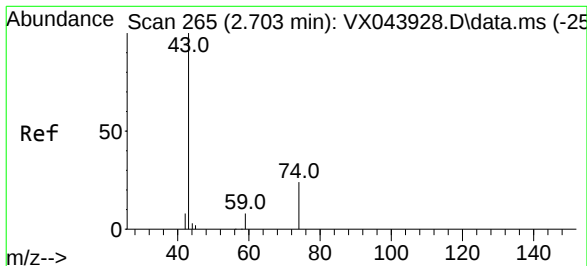
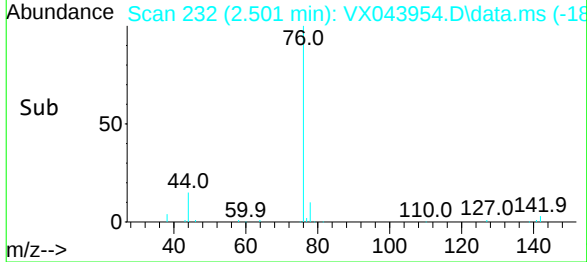
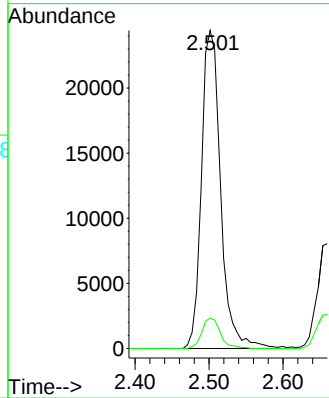
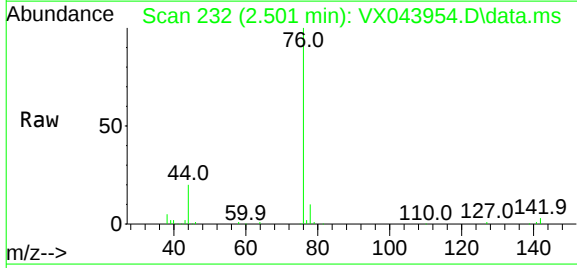
#17
Carbon Disulfide
Concen: 16.929 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion: 76 Resp: 43889
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

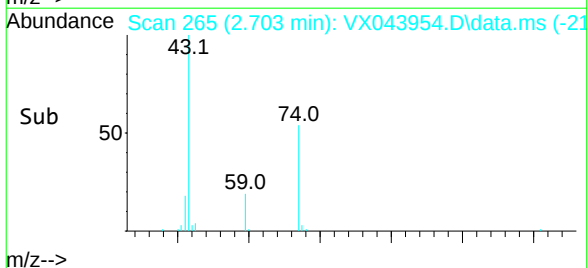
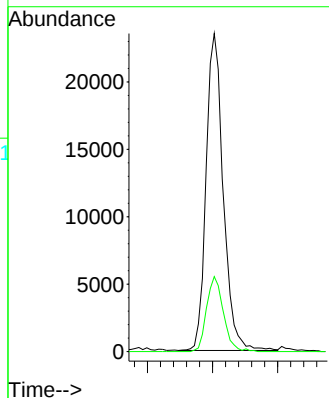
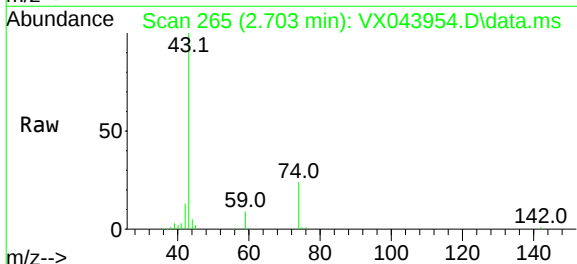
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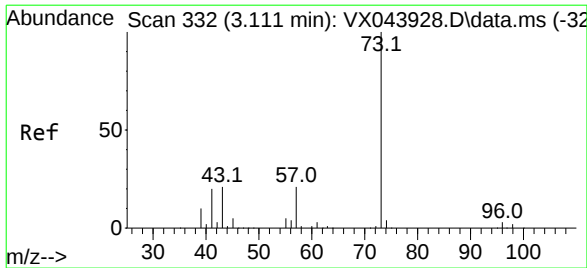
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#18
Methyl Acetate
Concen: 21.518 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion: 43 Resp: 43057
Ion Ratio Lower Upper
43 100
74 23.2 18.9 28.3





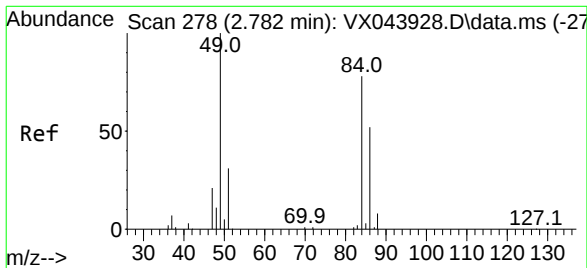
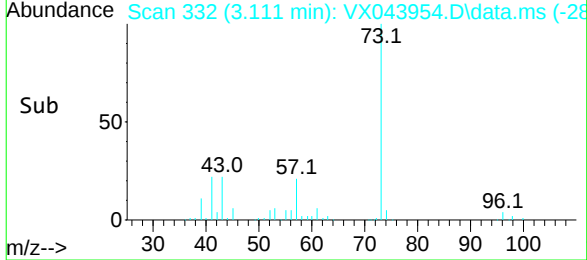
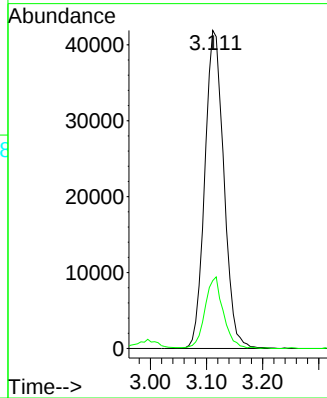
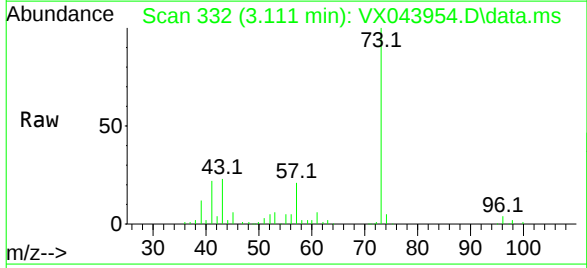
#19
Methyl tert-butyl Ether
Concen: 21.626 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion: 73 Resp: 98693
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.6

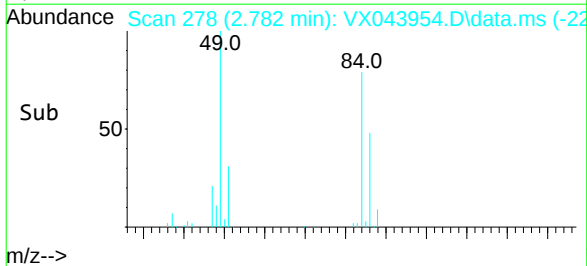
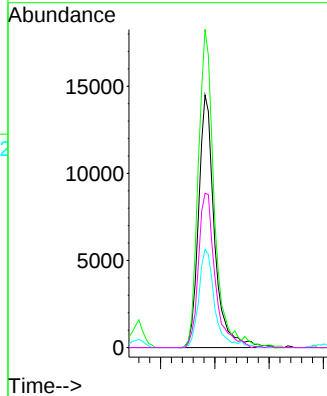
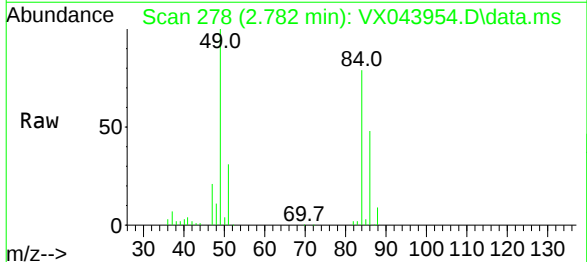
Manual Integrations
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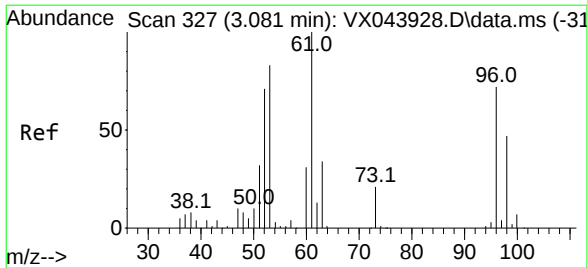
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#20
Methylene Chloride
Concen: 20.260 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion: 84 Resp: 29543
Ion Ratio Lower Upper
84 100
49 125.9 102.7 154.1
51 38.9 31.7 47.5
86 61.1 53.9 80.9





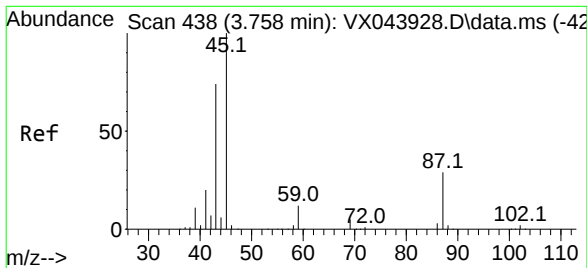
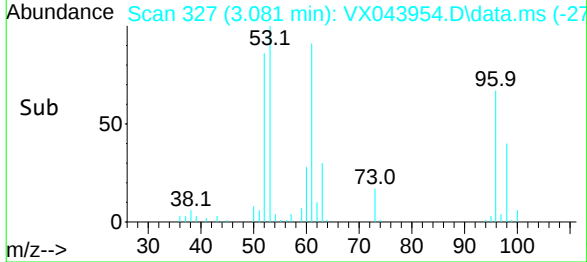
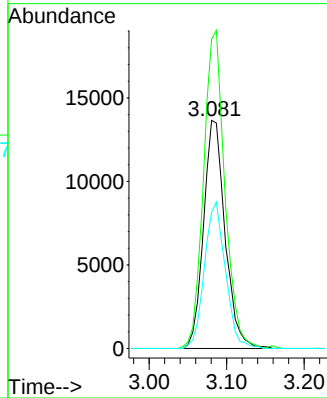
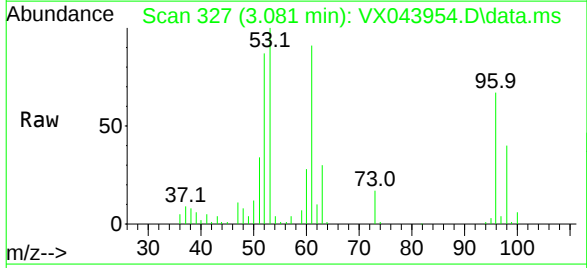
#21
trans-1,2-Dichloroethene
Concen: 20.345 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion: 96 Resp: 26401
Ion Ratio Lower Upper
96 100
61 135.6 111.8 167.6
98 59.8 52.7 79.1

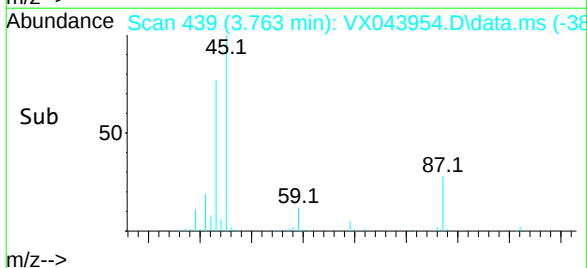
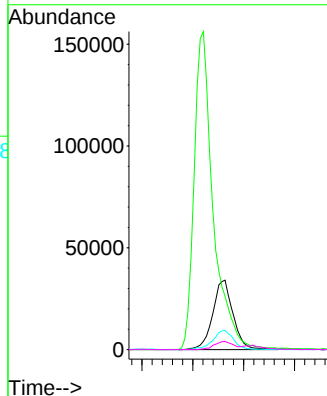
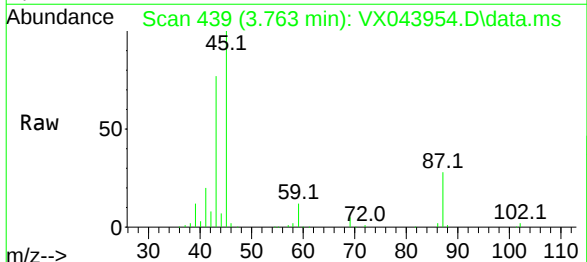
Manual Integrations
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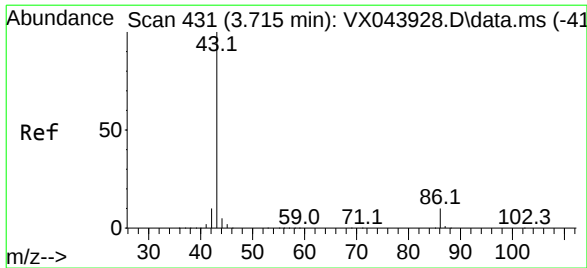
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#22
Diisopropyl ether
Concen: 21.444 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion: 45 Resp: 94170
Ion Ratio Lower Upper
45 100
43 76.6 59.6 89.4
87 27.6 22.9 34.3
59 11.7 9.8 14.6





#23

Vinyl Acetate

Concen: 108.742 ug/l

RT: 3.721 min Scan# 43

Delta R.T. 0.006 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tgt Ion: 43 Resp: 408506

Ion Ratio Lower Upper

43 100

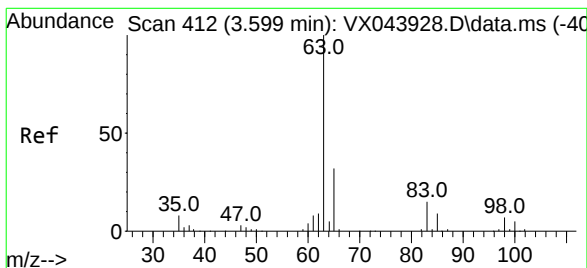
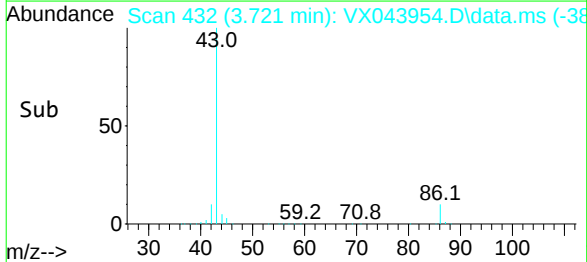
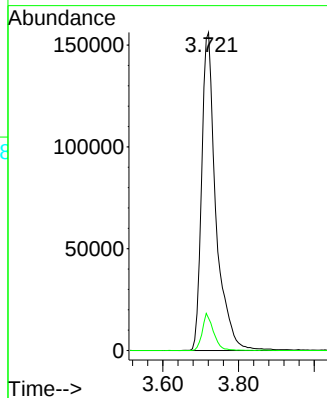
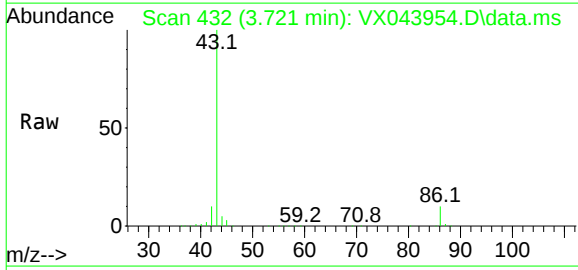
86 10.2 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#24

1,1-Dichloroethane

Concen: 20.662 ug/l

RT: 3.599 min Scan# 412

Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

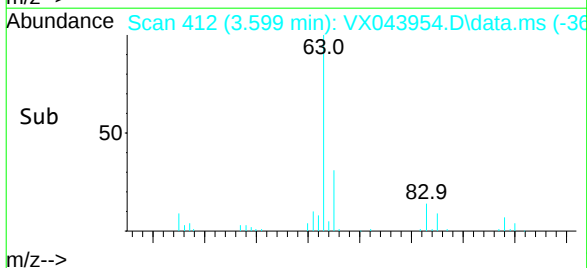
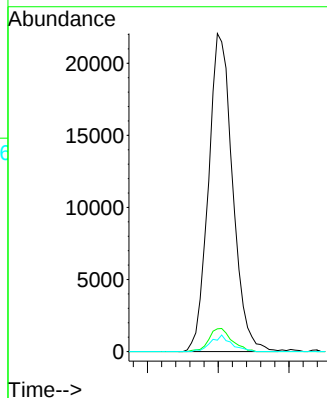
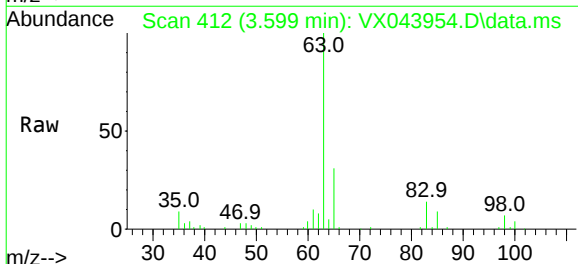
Tgt Ion: 63 Resp: 52345

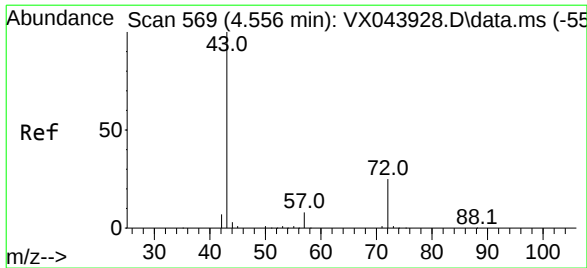
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.6

100 3.6 2.4 7.1





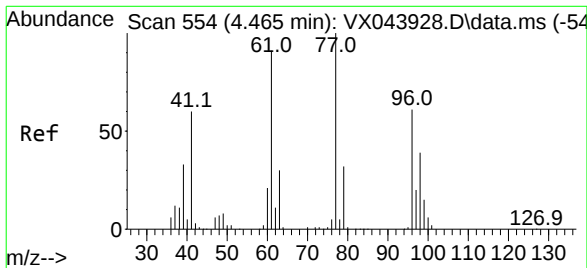
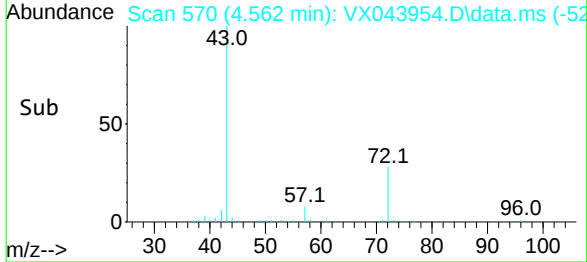
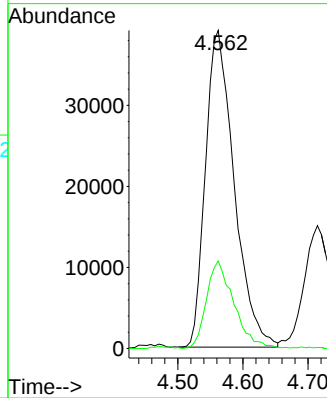
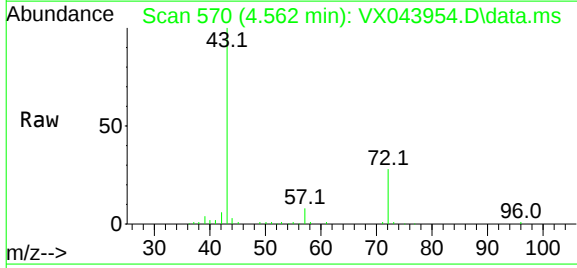
#25
2-Butanone
Concen: 107.988 ug/l
RT: 4.562 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion: 43 Resp: 119728
Ion Ratio Lower Upper
43 100
72 27.4 20.2 30.2

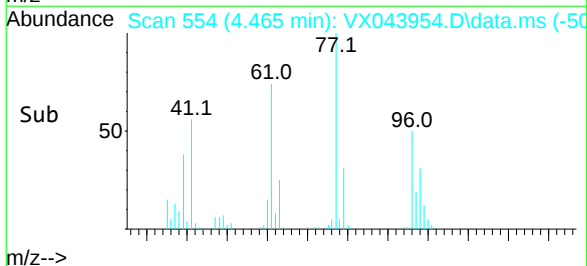
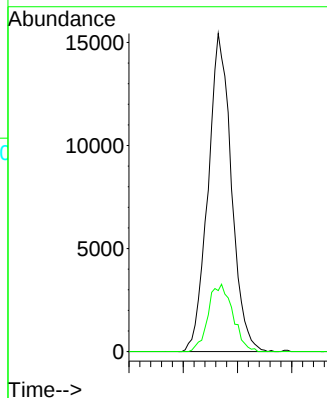
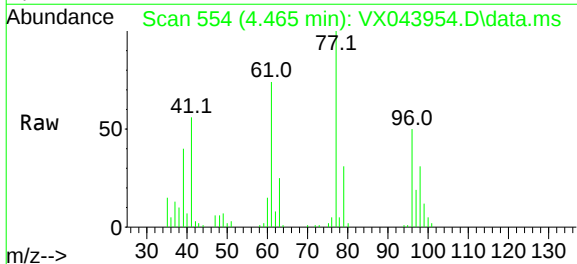
Manual Integrations
APPROVED

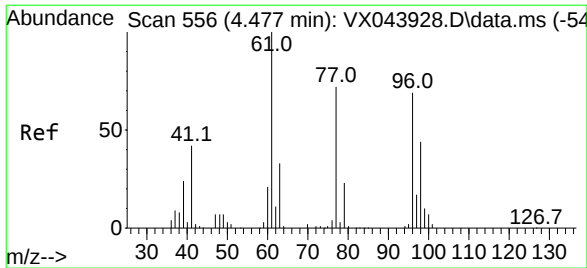
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#26
2,2-Dichloropropane
Concen: 20.157 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

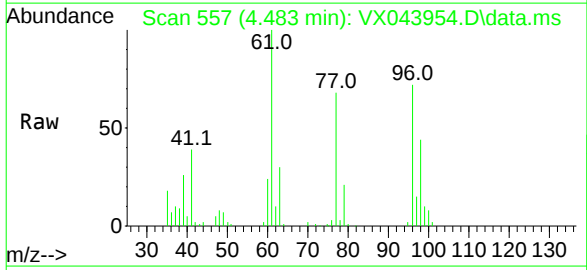
Tgt Ion: 77 Resp: 46118
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 20.353 ug/l
RT: 4.483 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

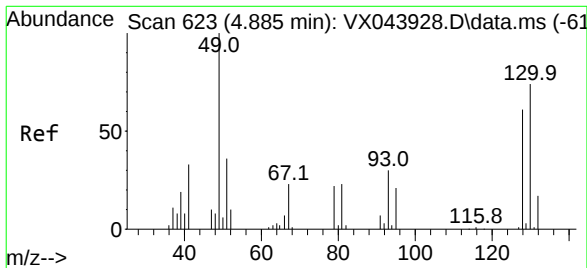
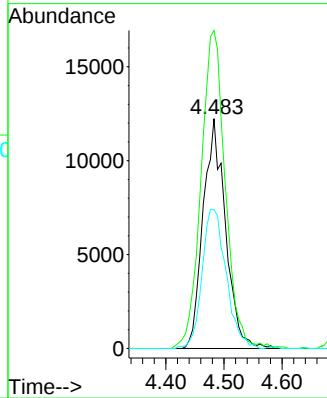
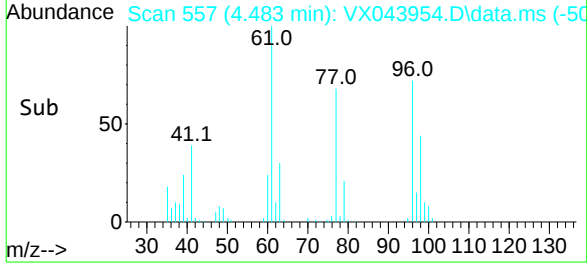
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion: 96 Resp: 32647
Ion Ratio Lower Upper
96 100
61 150.3 0.0 297.4
98 65.3 0.0 127.8

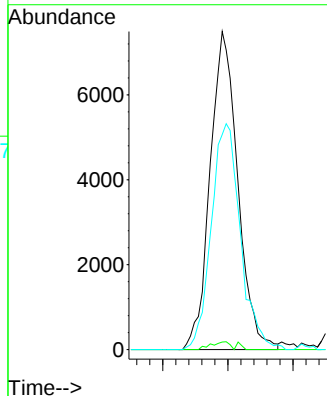
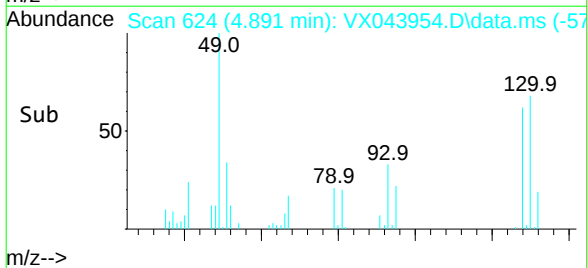
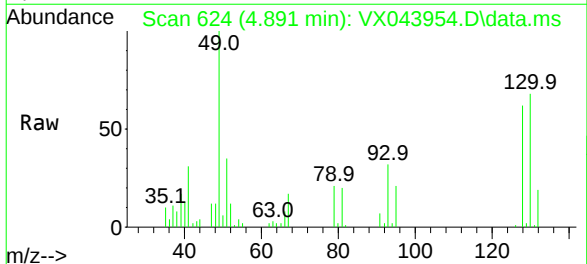
Manual Integrations
APPROVED

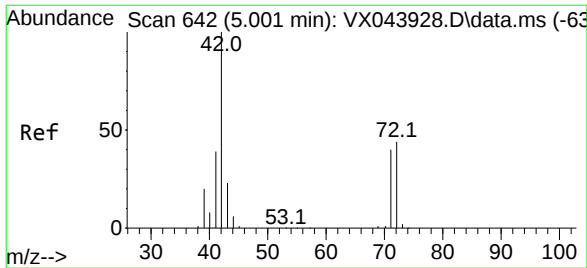
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#28
Bromochloromethane
Concen: 19.848 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

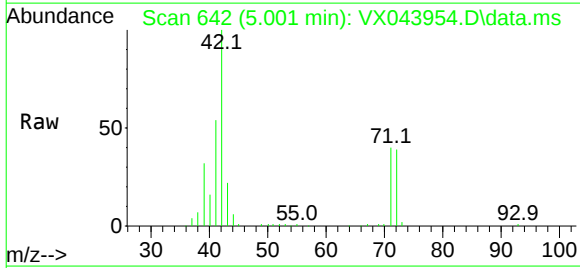
Tgt Ion: 49 Resp: 22133
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 74.6 59.0 88.6





#29
Tetrahydrofuran
Concen: 109.701 ug/l
RT: 5.001 min Scan# 641
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

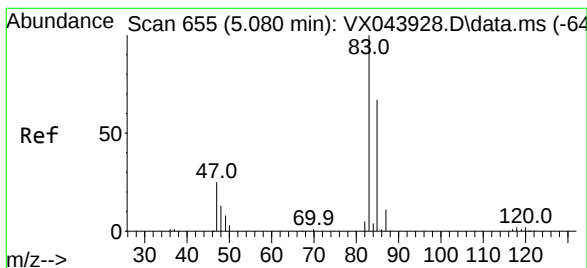
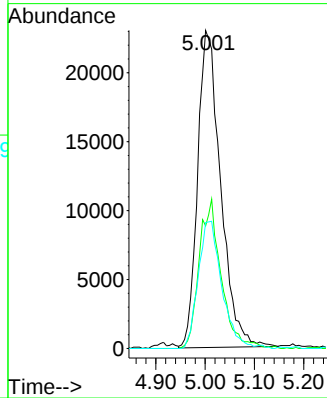
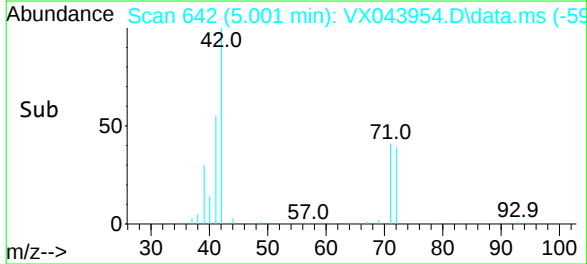
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion: 42 Resp: 74565
Ion Ratio Lower Upper
42 100
72 45.0 36.4 54.6
71 40.9 33.4 50.0

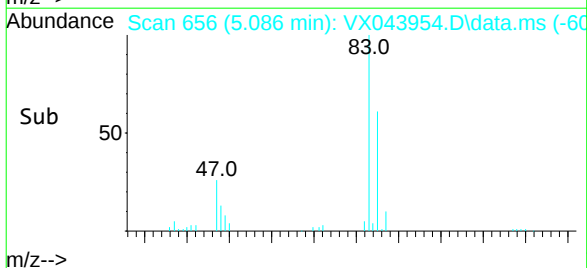
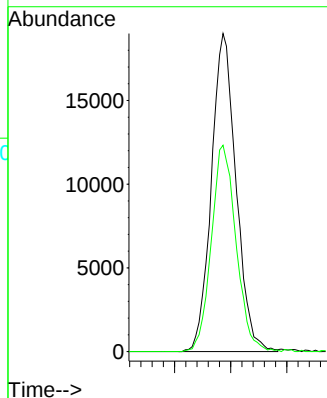
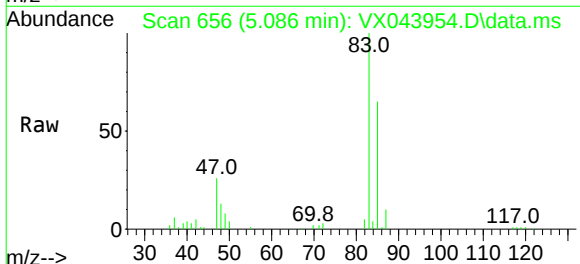
Manual Integrations
APPROVED

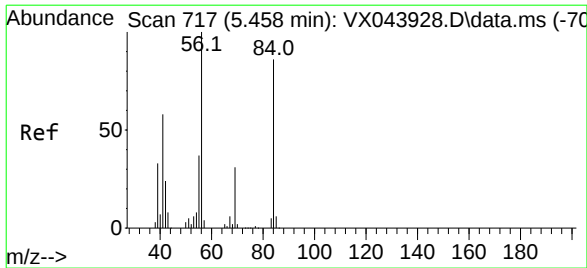
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#30
Chloroform
Concen: 21.310 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion: 83 Resp: 58065
Ion Ratio Lower Upper
83 100
85 64.9 53.5 80.3





#31

Cyclohexane

Concen: 20.930 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tgt Ion: 56 Resp: 43641

Ion Ratio Lower Upper

56 100

69 28.1 24.7 37.1

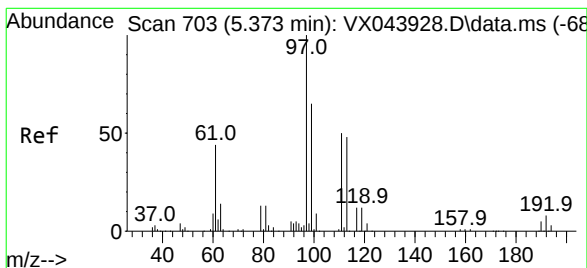
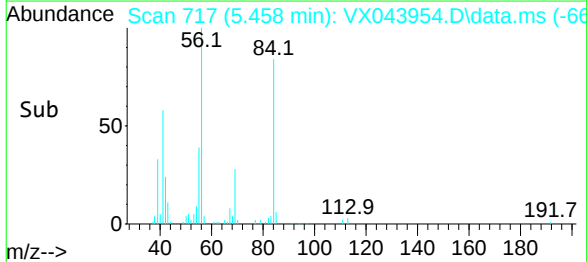
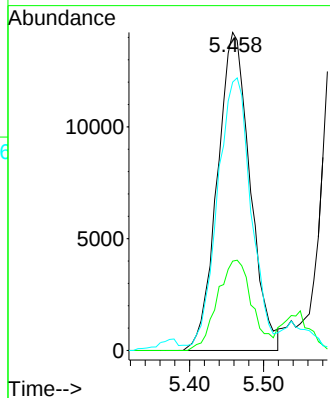
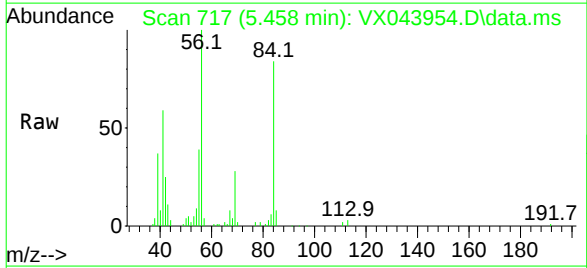
84 82.8 68.7 103.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#32

1,1,1-Trichloroethane

Concen: 20.691 ug/l

RT: 5.367 min Scan# 702

Delta R.T. -0.006 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

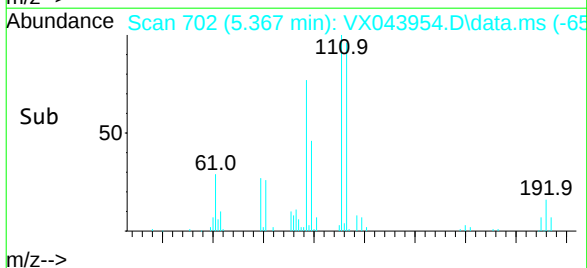
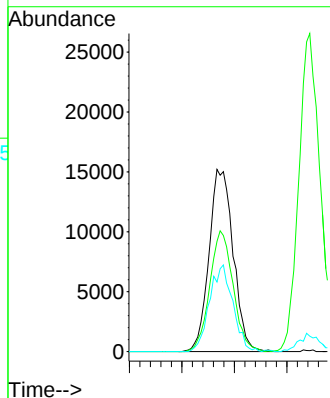
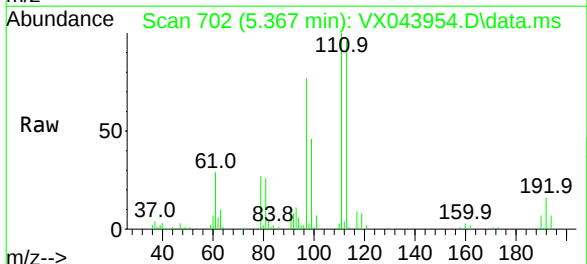
Tgt Ion: 97 Resp: 48619

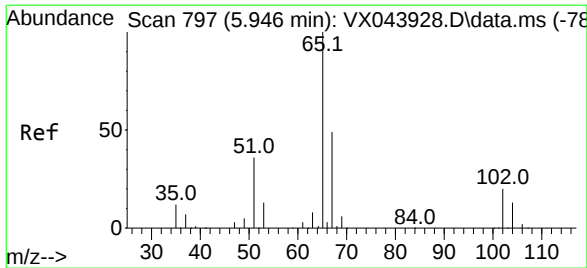
Ion Ratio Lower Upper

97 100

99 64.1 50.8 76.2

61 45.8 35.4 53.2





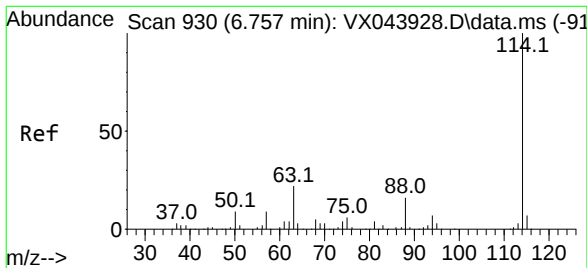
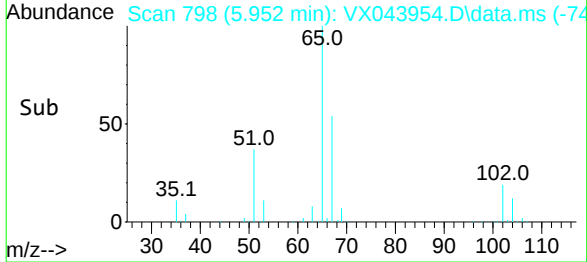
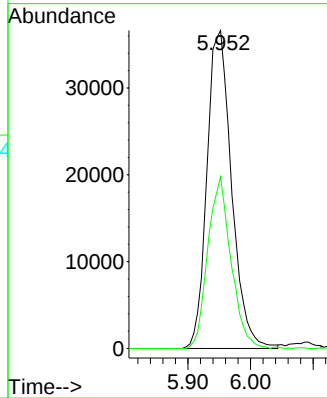
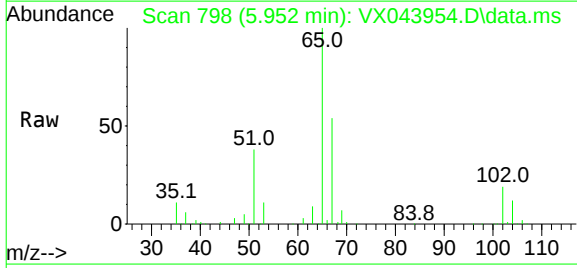
#33
1,2-Dichloroethane-d4
Concen: 53.557 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion: 65 Resp: 100196
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.8

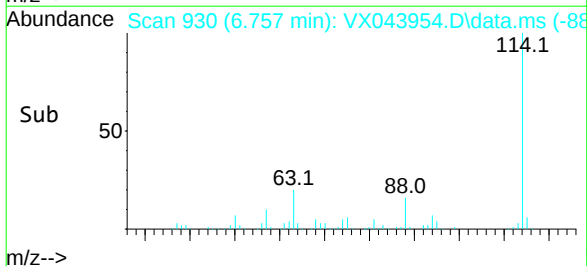
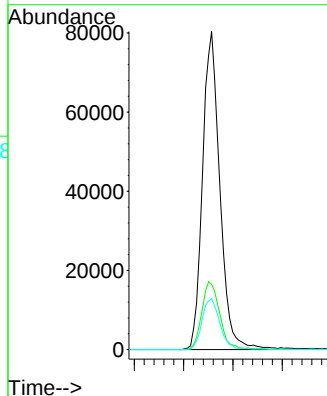
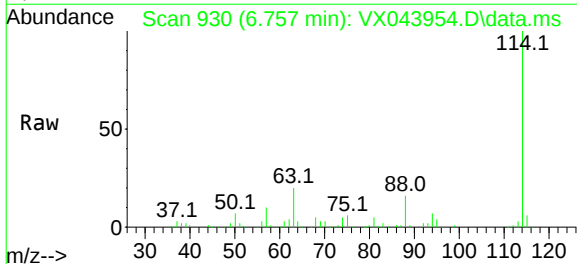
Manual Integrations
APPROVED

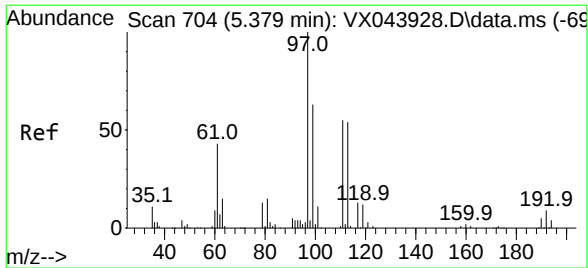
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

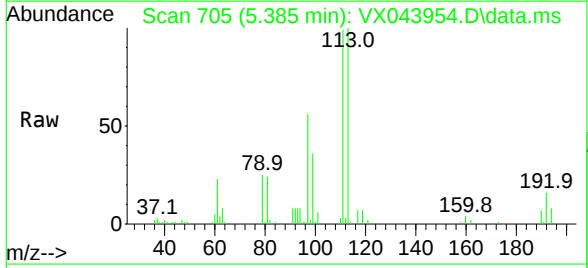
Tgt Ion:114 Resp: 195872
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.0
88 16.0 0.0 32.4





#35
Dibromofluoromethane
Concen: 51.541 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

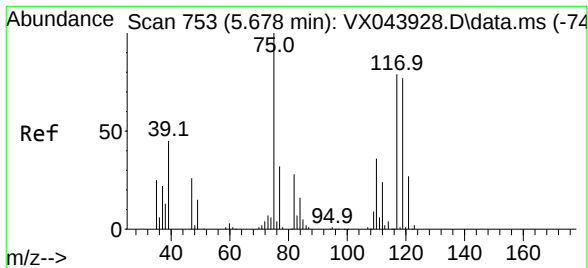
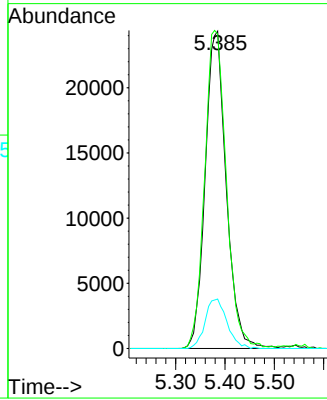
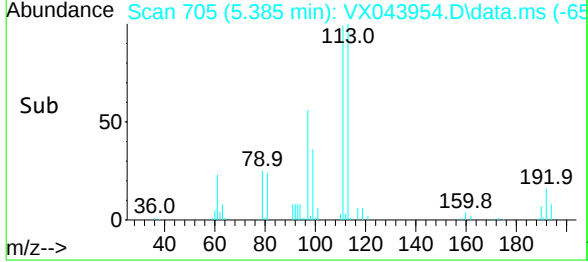
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion:113 Resp: 72137
Ion Ratio Lower Upper
113 100
111 103.4 81.0 121.4
192 16.2 13.0 19.6

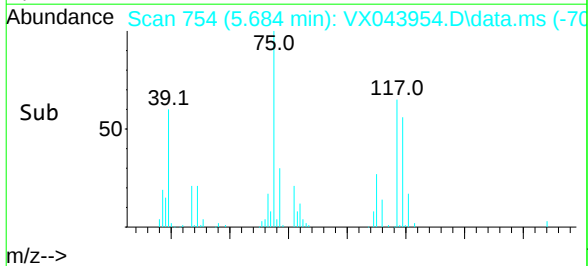
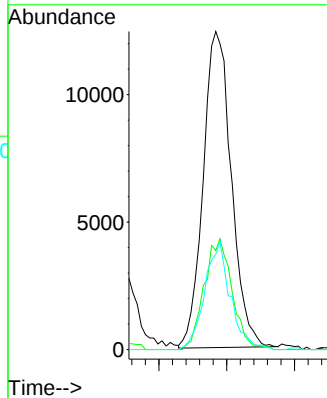
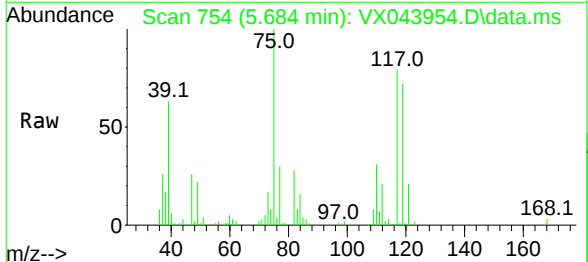
Manual Integrations
APPROVED

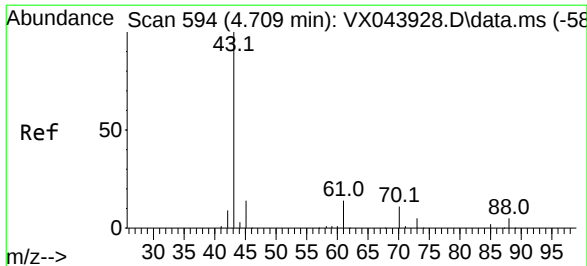
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#36
1,1-Dichloropropene
Concen: 20.506 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion: 75 Resp: 35764
Ion Ratio Lower Upper
75 100
110 34.8 17.4 52.2
77 31.1 25.8 38.8





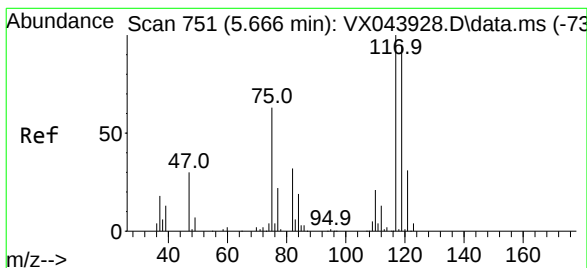
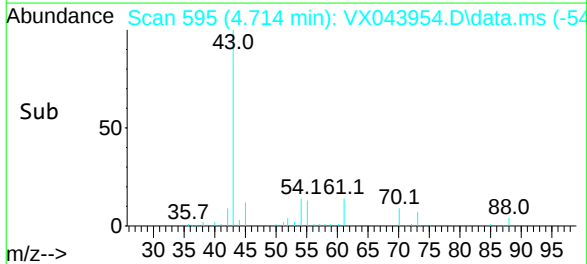
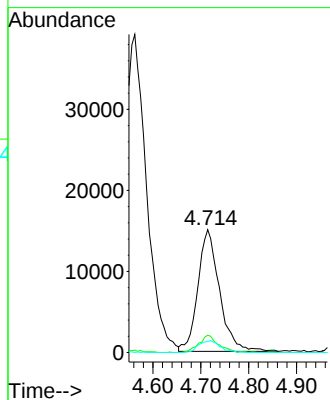
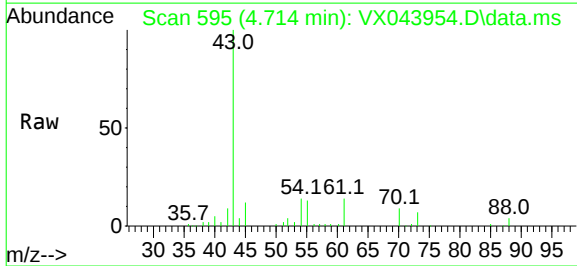
#37
Ethyl Acetate
Concen: 21.749 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.7	16.1
70	9.6	8.0	12.0

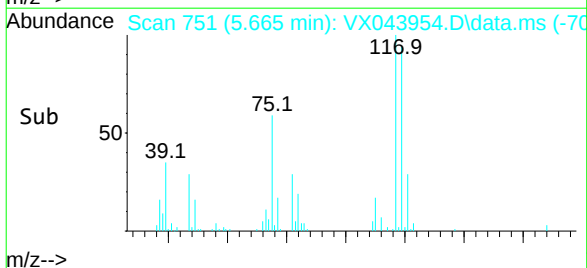
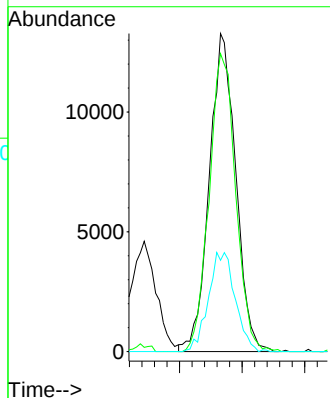
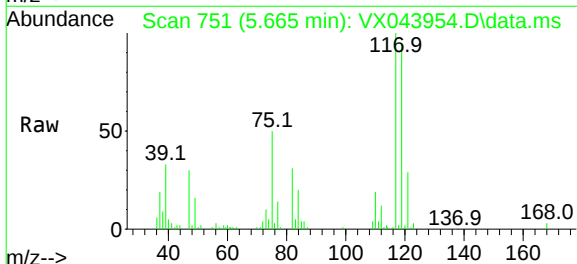
Manual Integrations
APPROVED

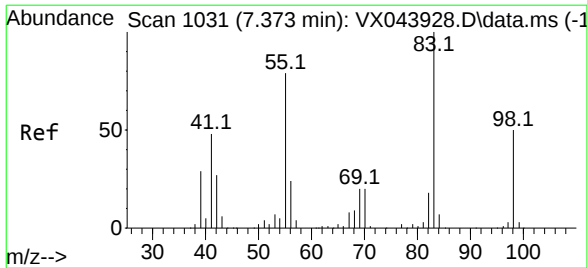
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#38
Carbon Tetrachloride
Concen: 19.920 ug/l
RT: 5.665 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.2	112.8
121	28.7	24.5	36.7





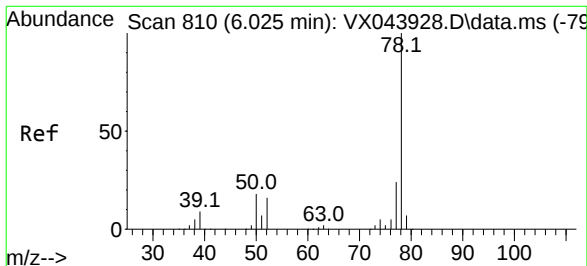
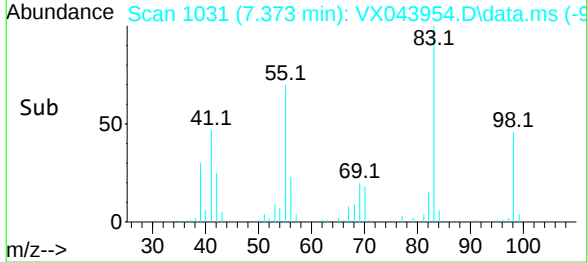
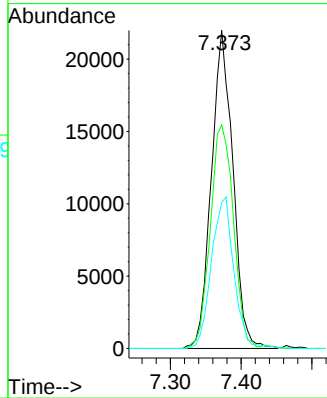
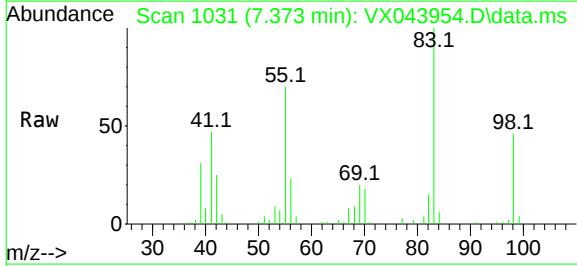
#39
Methylcyclohexane
Concen: 20.474 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion: 83 Resp: 46390
Ion Ratio Lower Upper
83 100
55 70.3 63.1 94.7
98 45.8 40.0 60.0

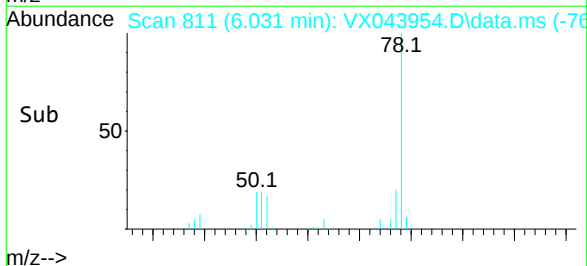
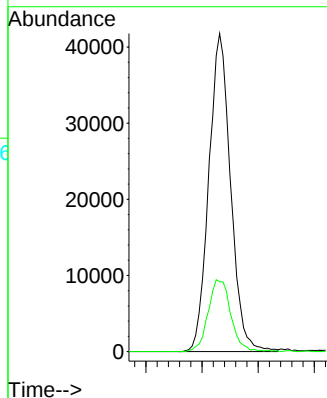
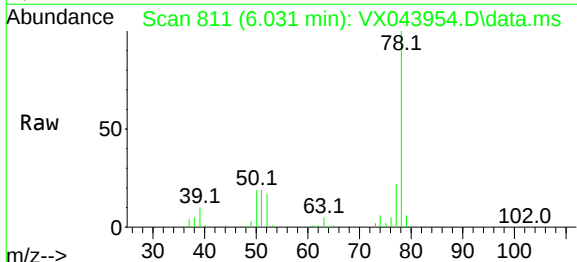
Manual Integrations
APPROVED

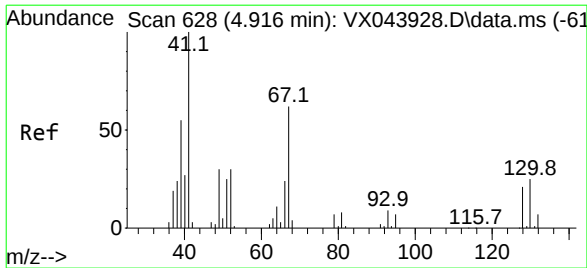
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#40
Benzene
Concen: 20.730 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion: 78 Resp: 112619
Ion Ratio Lower Upper
78 100
77 22.0 19.2 28.8





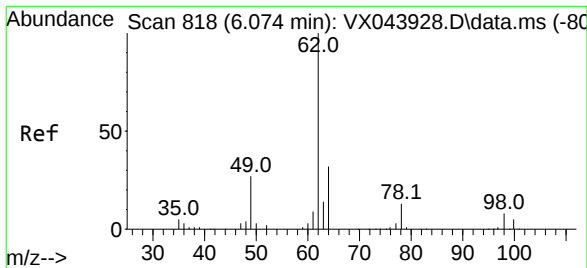
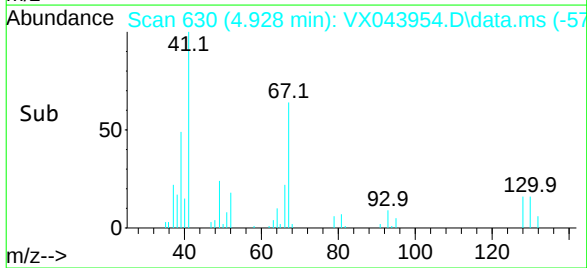
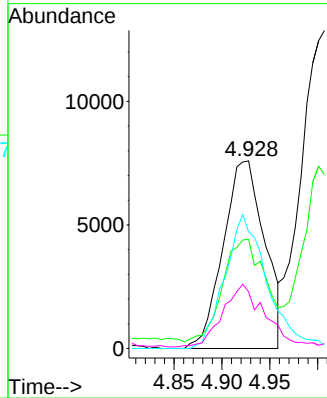
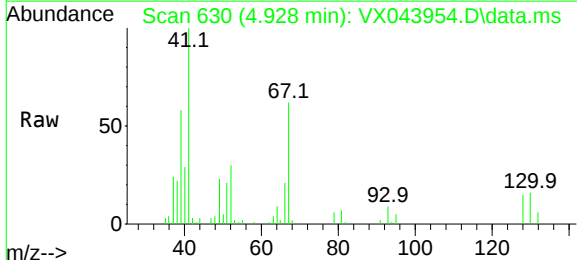
#41
Methacrylonitrile
Concen: 20.630 ug/l
RT: 4.928 min Scan# 630
Delta R.T. 0.012 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion:	41	Resp:	22859
Ion	Ratio	Lower	Upper
41	100		
39	55.7	41.7	62.5
67	73.1	55.8	83.8
52	37.0	24.0	36.0

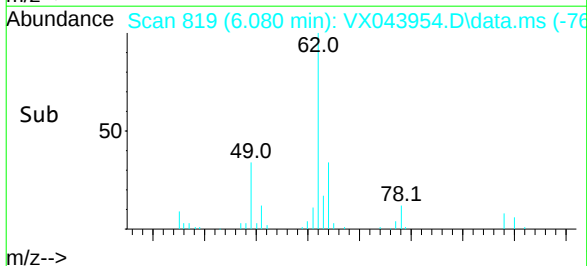
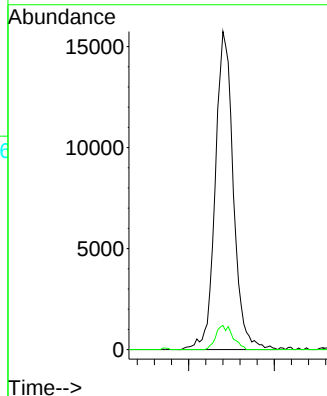
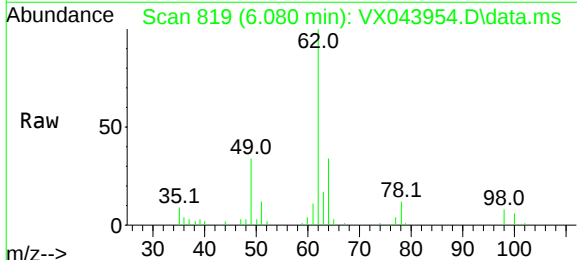
Manual Integrations
APPROVED

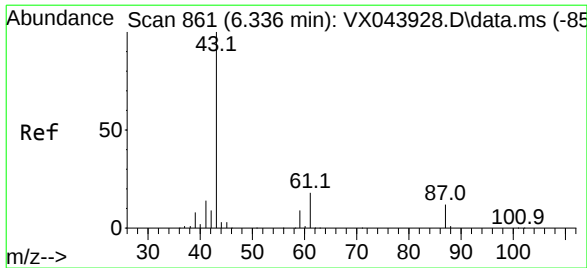
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#42
1,2-Dichloroethane
Concen: 21.172 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion:	62	Resp:	46195
Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	16.4





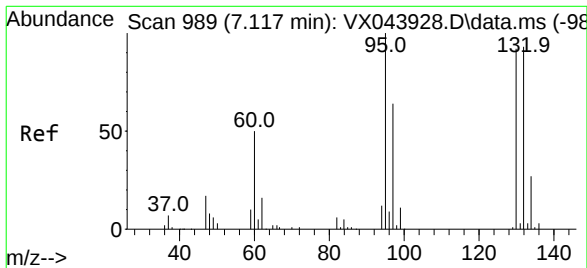
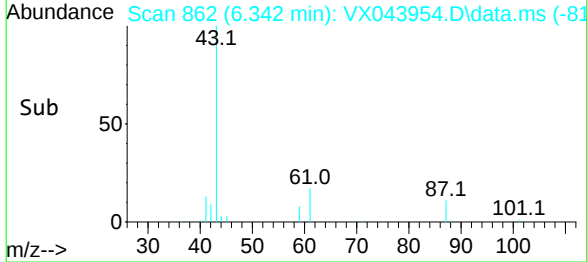
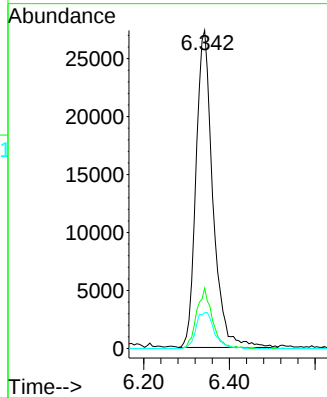
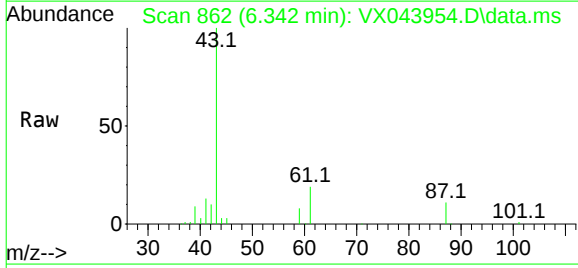
#43
Isopropyl Acetate
Concen: 21.661 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.5	21.7
87	12.3	10.2	15.2

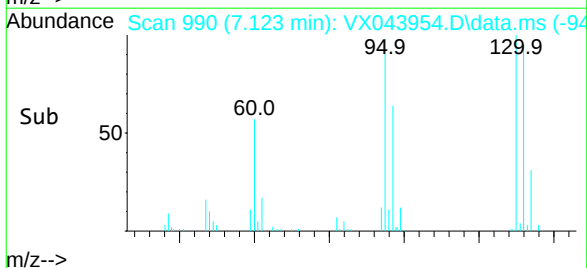
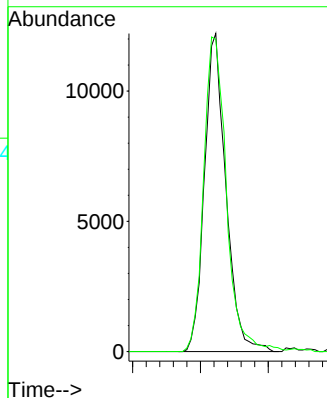
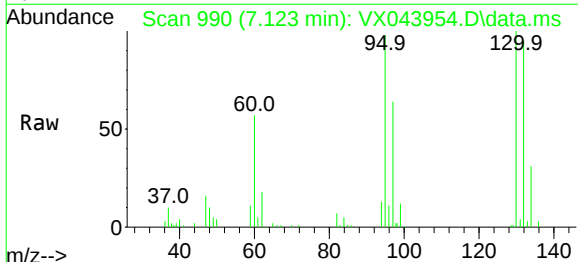
Manual Integrations
APPROVED

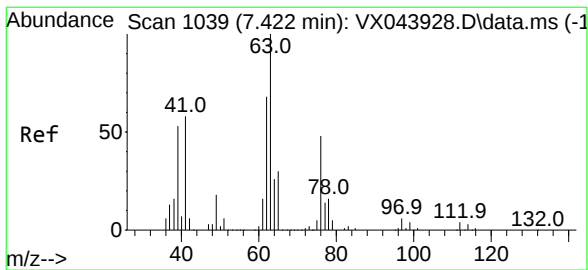
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#44
Trichloroethene
Concen: 17.414 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	217.8





#45

1,2-Dichloropropane

Concen: 21.366 ug/l

RT: 7.427 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tgt Ion: 63 Resp: 28429

Ion Ratio Lower Upper

63 100

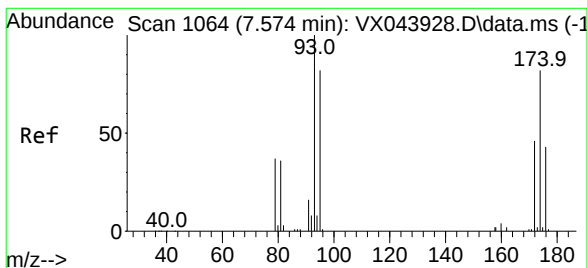
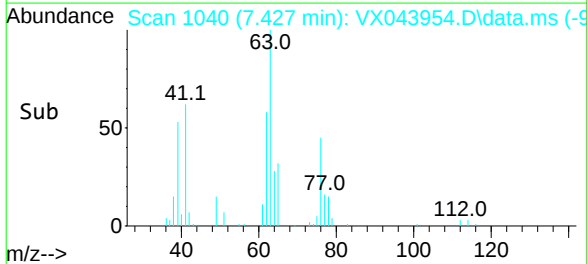
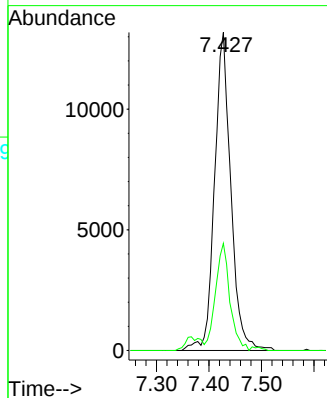
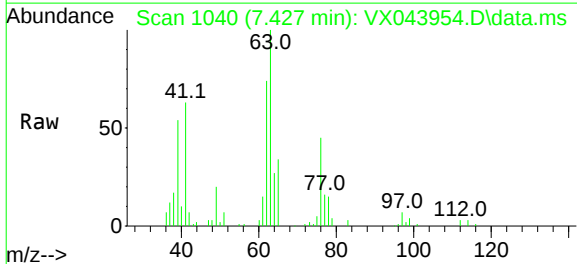
65 33.7 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#46

Dibromomethane

Concen: 21.475 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

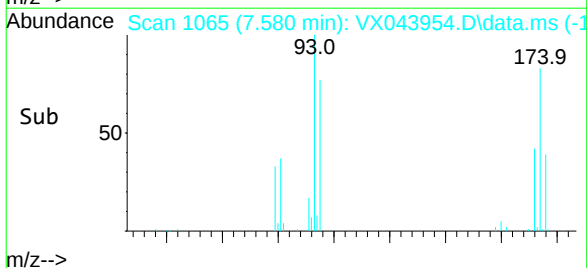
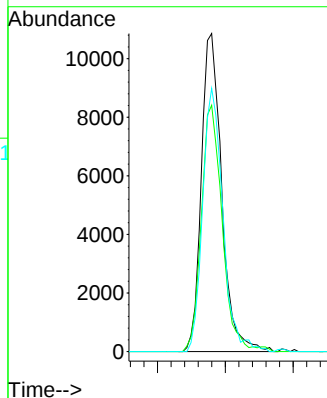
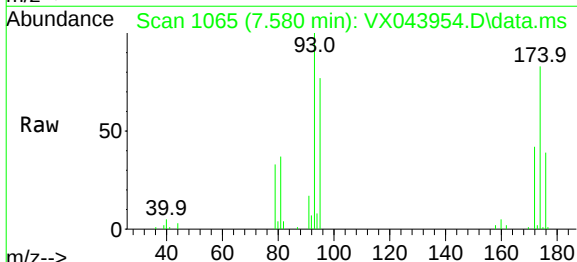
Tgt Ion: 93 Resp: 22603

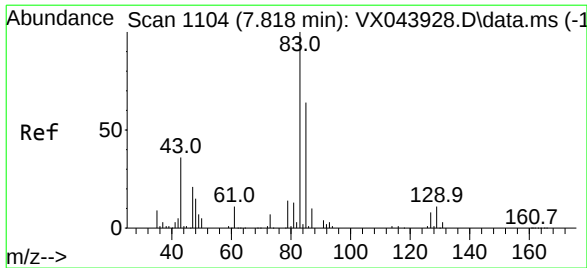
Ion Ratio Lower Upper

93 100

95 79.5 66.2 99.4

174 82.5 69.6 104.4





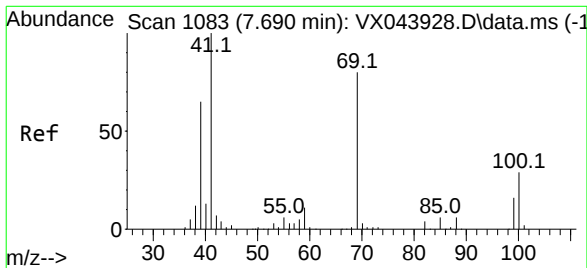
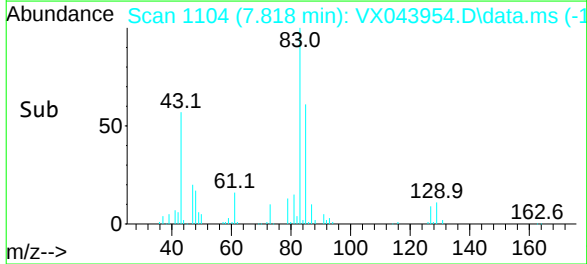
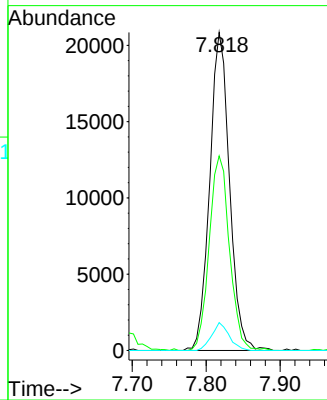
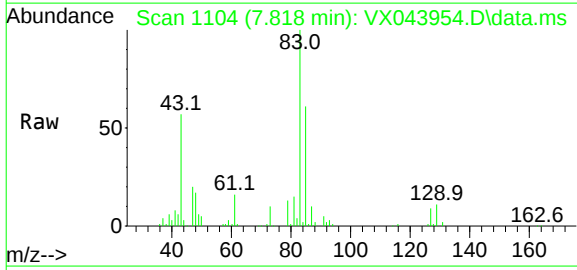
#47
Bromodichloromethane
Concen: 20.524 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion: 83 Resp: 38744
Ion Ratio Lower Upper
83 100
85 61.2 51.4 77.0
127 8.8 6.6 10.0

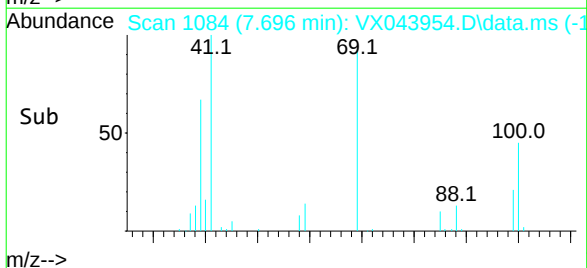
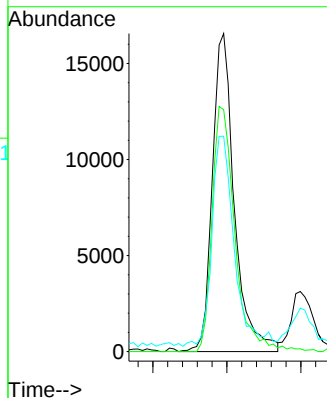
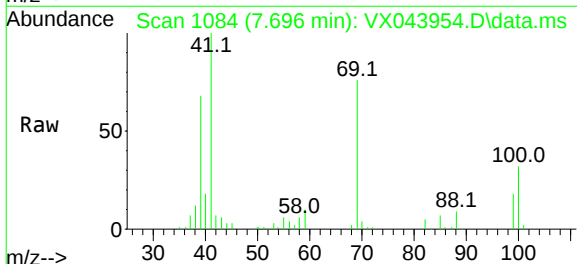
Manual Integrations
APPROVED

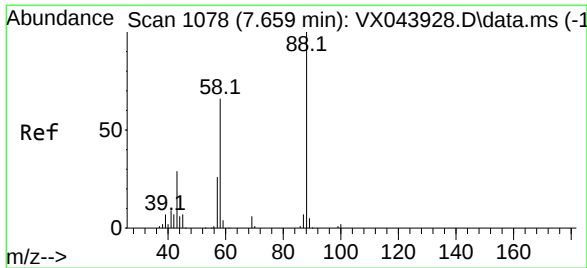
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#48
Methyl methacrylate
Concen: 20.644 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

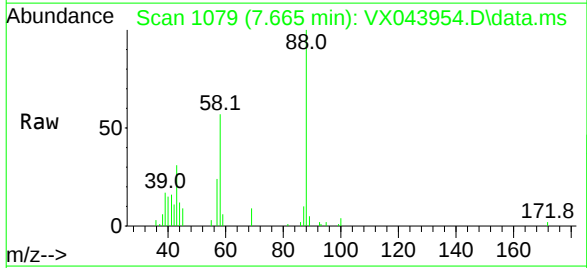
Tgt Ion: 41 Resp: 34130
Ion Ratio Lower Upper
41 100
69 80.2 64.6 97.0
39 67.1 53.3 79.9





#49
1,4-Dioxane
Concen: 357.698 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

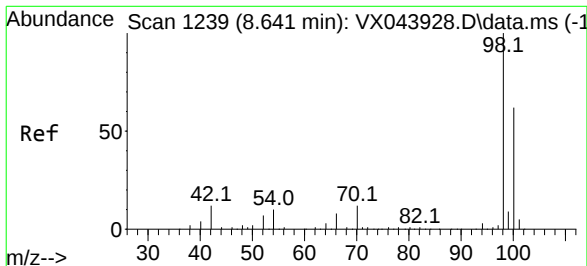
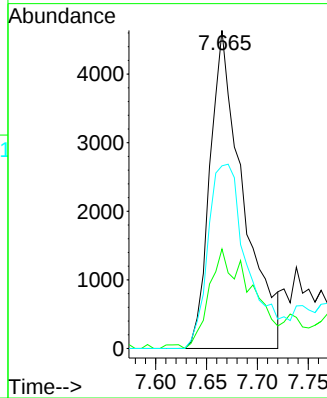
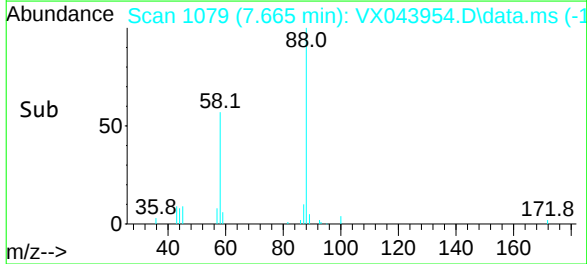
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion: 88 Resp: 10534
Ion Ratio Lower Upper
88 100
43 40.0 26.8 40.2
58 71.2 45.4 68.2

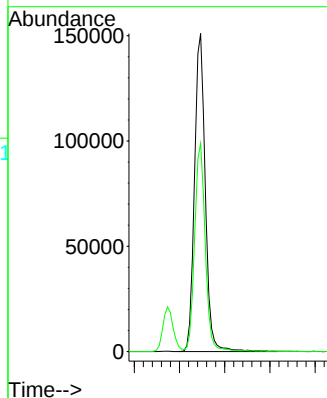
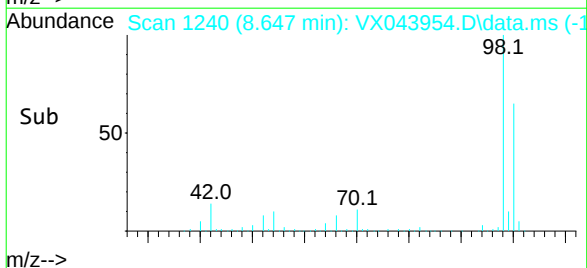
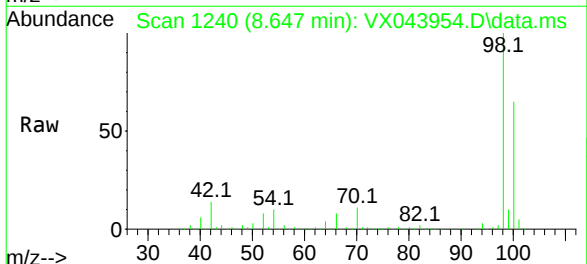
Manual Integrations
APPROVED

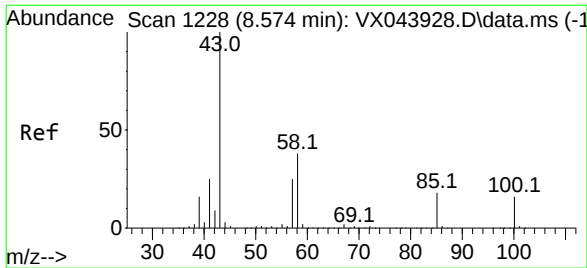
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#50
Toluene-d8
Concen: 51.950 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion: 98 Resp: 250635
Ion Ratio Lower Upper
98 100
100 63.5 52.6 79.0





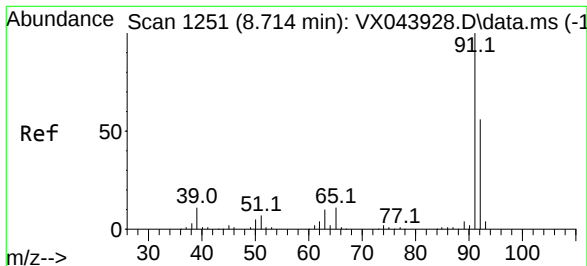
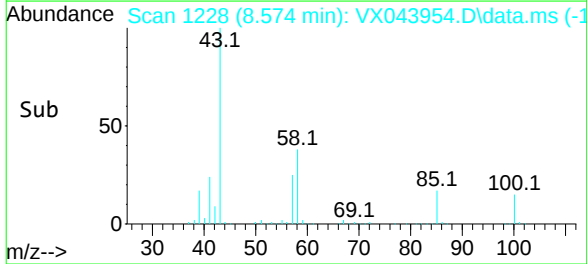
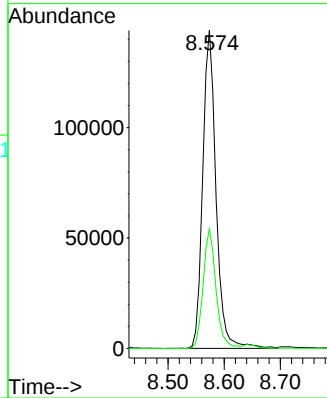
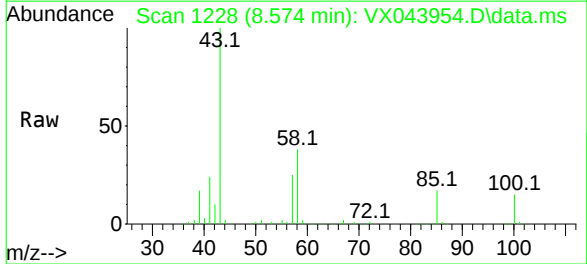
#51
4-Methyl-2-Pentanone
Concen: 112.638 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion: 43 Resp: 236829
Ion Ratio Lower Upper
43 100
58 36.4 30.0 45.0

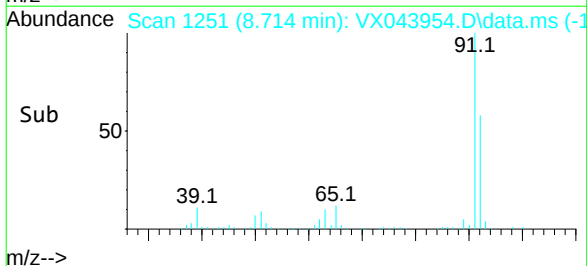
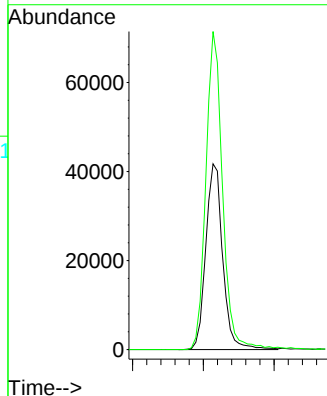
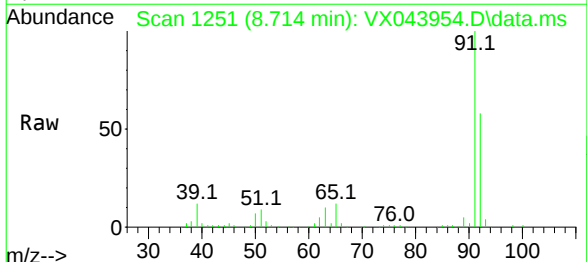
Manual Integrations
APPROVED

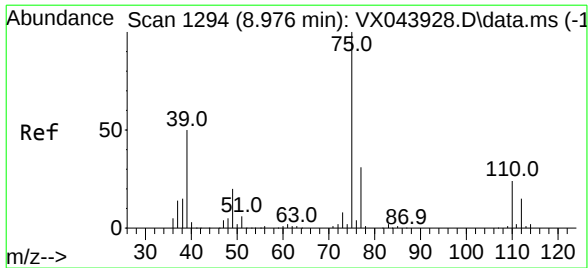
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#52
Toluene
Concen: 21.356 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

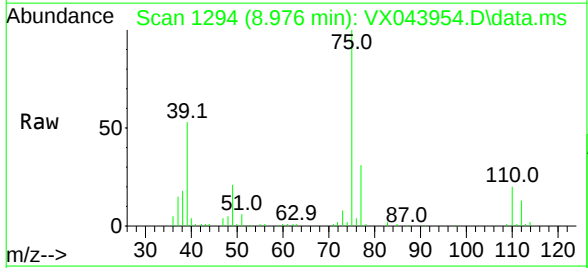
Tgt Ion: 92 Resp: 69441
Ion Ratio Lower Upper
92 100
91 168.5 139.7 209.5





#53
 t-1,3-Dichloropropene
 Concen: 20.285 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX043954.D
 Acq: 22 Nov 2024 13:02

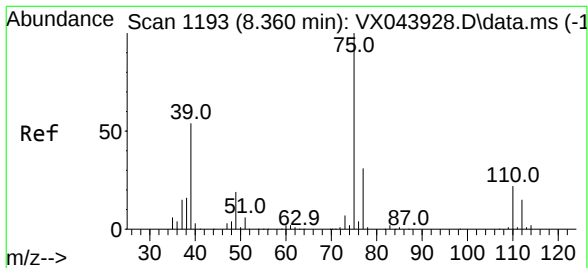
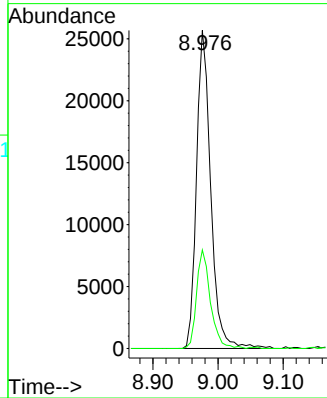
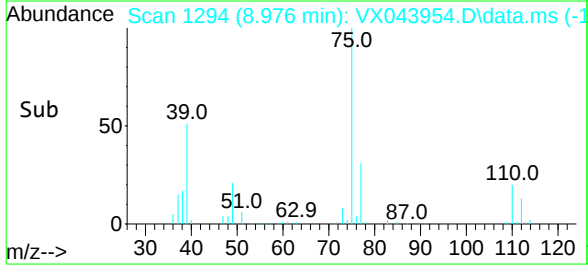
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBSD01



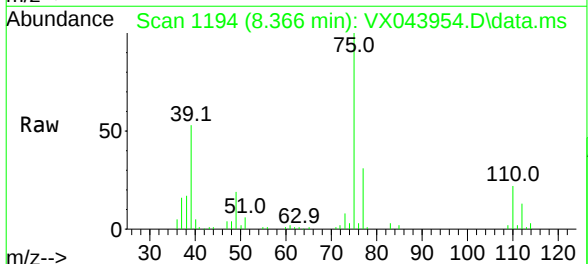
Tgt Ion: 75 Resp: 39056
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.1 37.7

Manual Integrations
 APPROVED

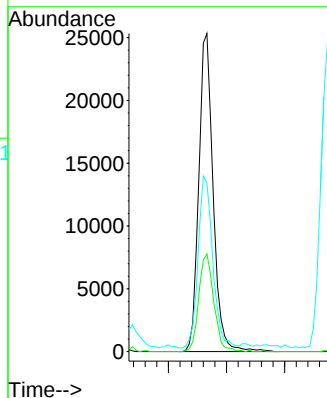
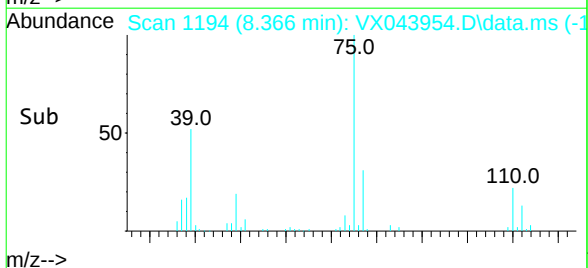
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024

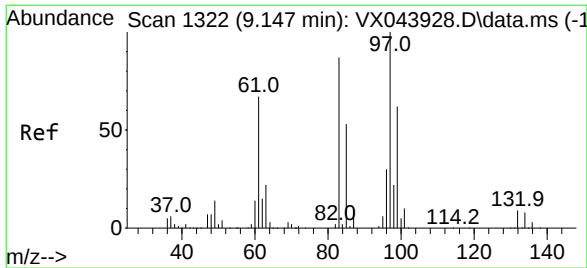


#54
 cis-1,3-Dichloropropene
 Concen: 20.580 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX043954.D
 Acq: 22 Nov 2024 13:02



Tgt Ion: 75 Resp: 43430
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8
 39 52.0 43.1 64.7





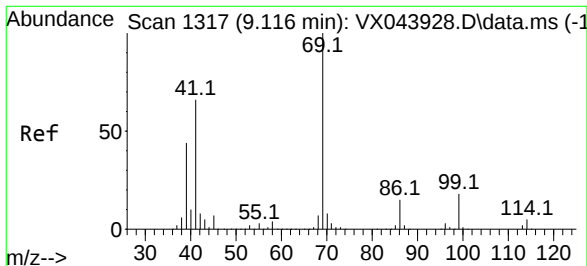
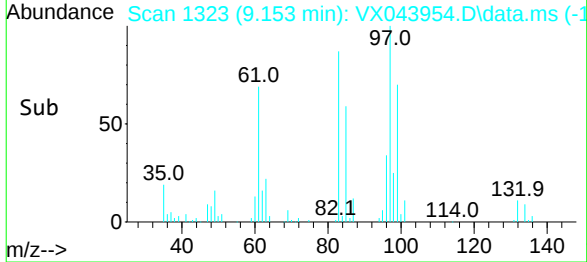
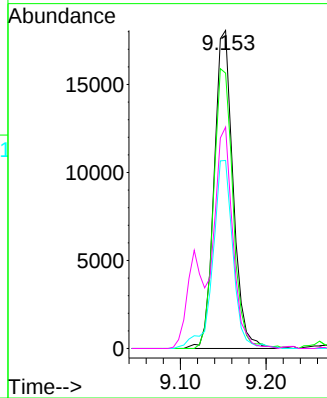
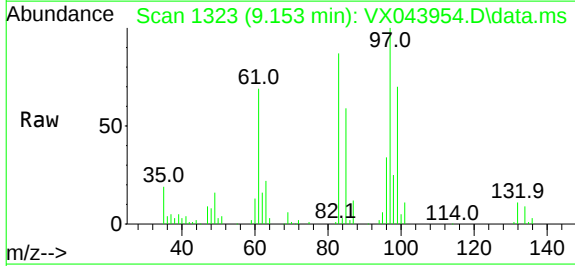
#55
1,1,2-Trichloroethane
Concen: 20.697 ug/l
RT: 9.153 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion:	97	Resp:	27781
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.4	104.0
85	58.8	42.3	63.5
99	69.6	49.6	74.4

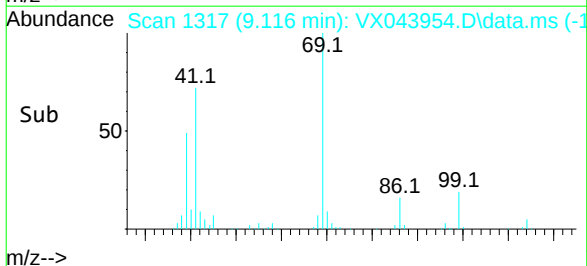
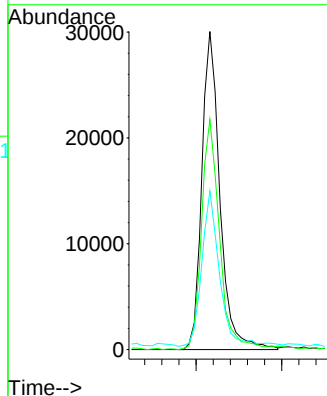
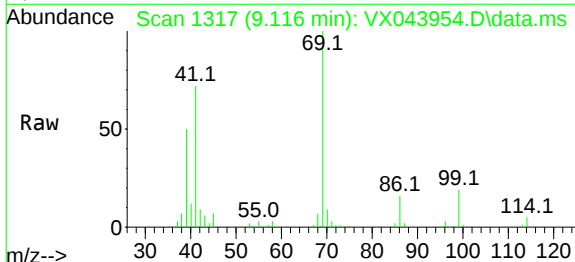
Manual Integrations
APPROVED

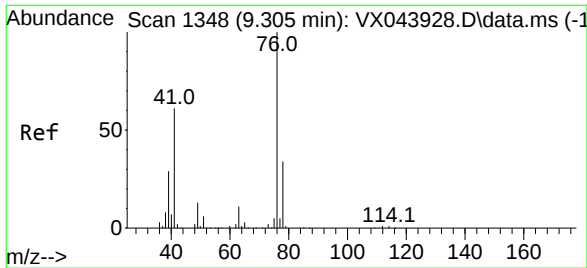
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#56
Ethyl methacrylate
Concen: 21.098 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

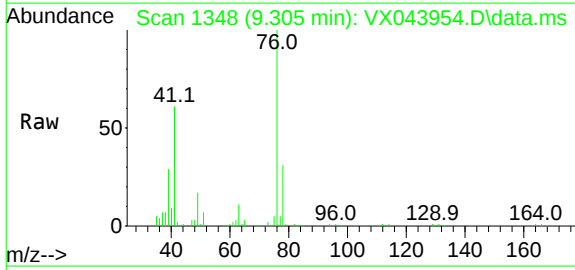
Tgt Ion:	69	Resp:	44109
Ion	Ratio	Lower	Upper
69	100		
41	70.8	55.8	83.8
39	47.9	36.7	55.1





#57
1,3-Dichloropropane
Concen: 22.042 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

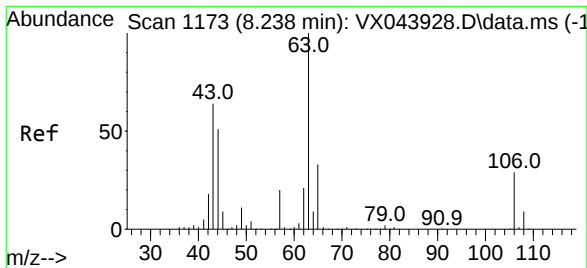
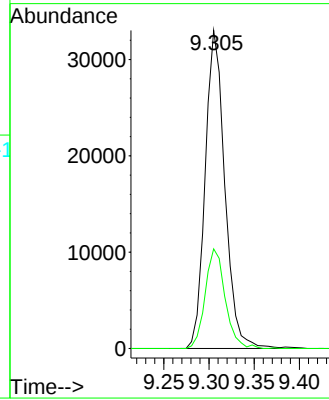
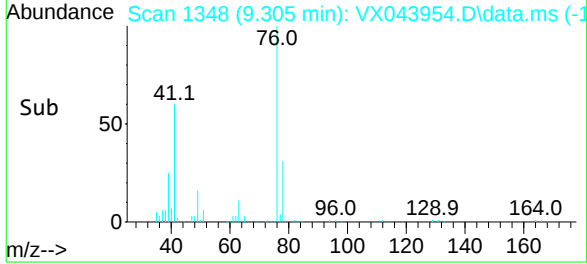
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion: 76 Resp: 49838
Ion Ratio Lower Upper
76 100
78 31.8 26.0 39.0

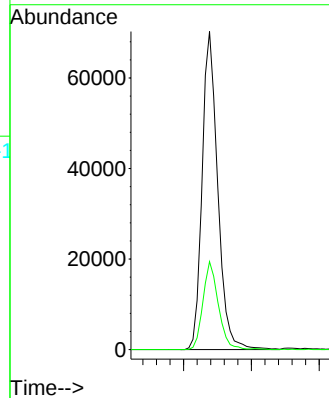
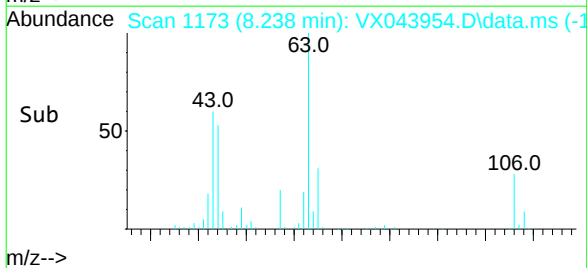
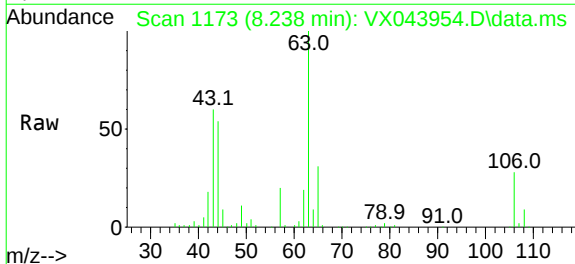
Manual Integrations
APPROVED

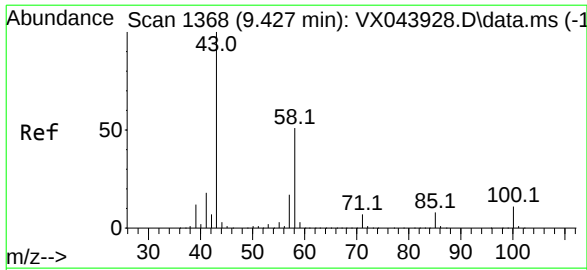
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#58
2-Chloroethyl Vinyl ether
Concen: 97.143 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion: 63 Resp: 112089
Ion Ratio Lower Upper
63 100
106 27.3 23.0 34.6





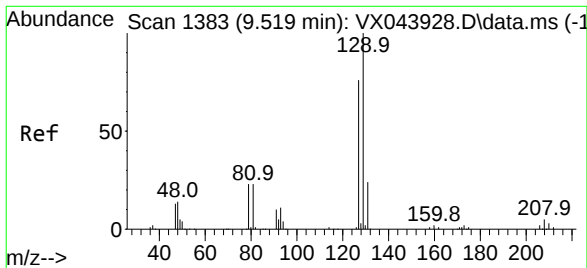
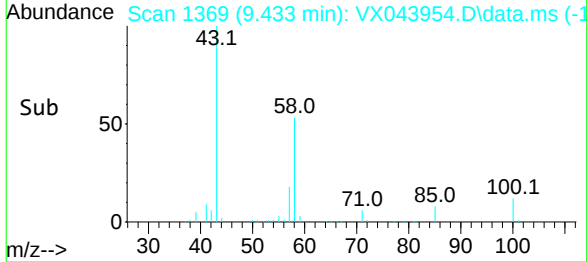
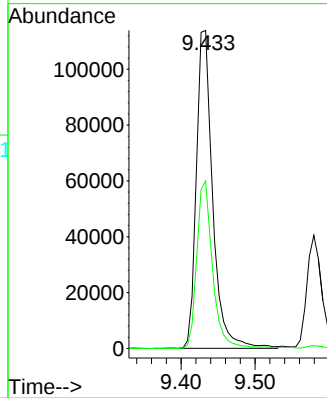
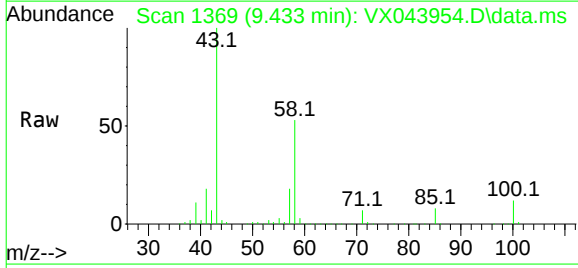
#59
2-Hexanone
Concen: 110.568 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion: 43 Resp: 174736
Ion Ratio Lower Upper
43 100
58 51.1 25.9 77.6

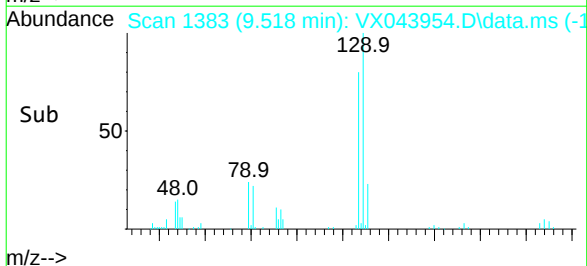
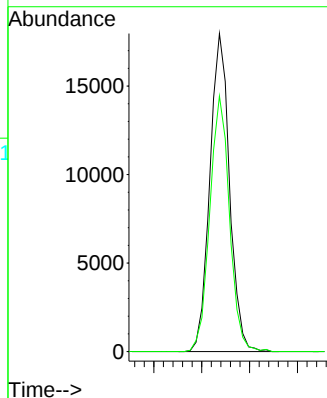
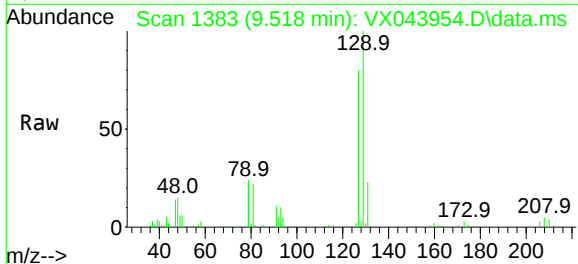
Manual Integrations
APPROVED

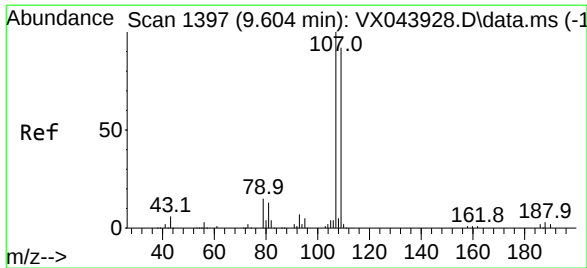
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#60
Dibromochloromethane
Concen: 19.071 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion:129 Resp: 25683
Ion Ratio Lower Upper
129 100
127 80.5 38.2 114.6





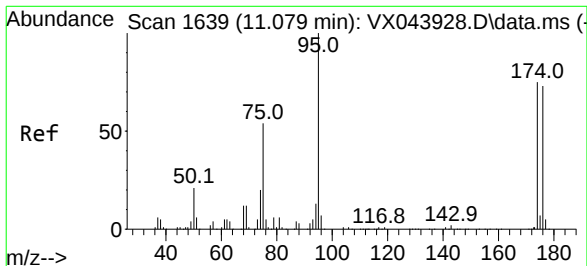
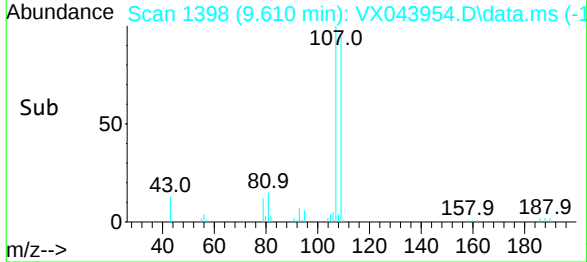
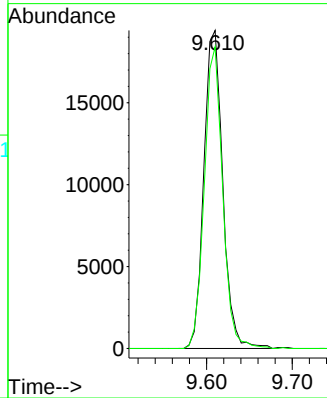
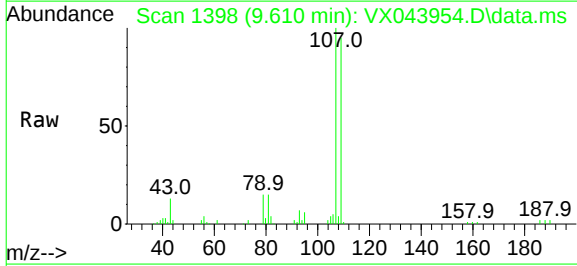
#61
1,2-Dibromoethane
Concen: 21.936 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion:107 Resp: 29772
Ion Ratio Lower Upper
107 100
109 92.0 75.2 112.8

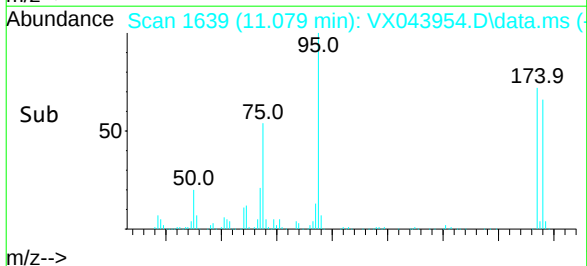
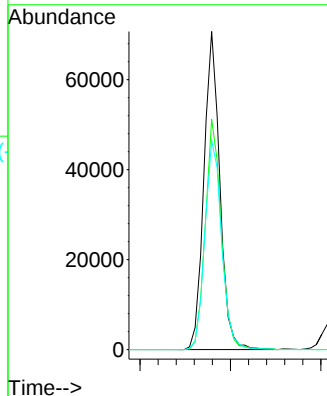
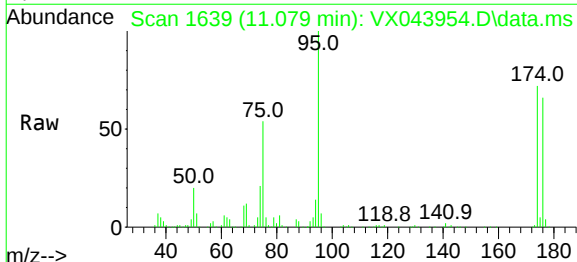
Manual Integrations
APPROVED

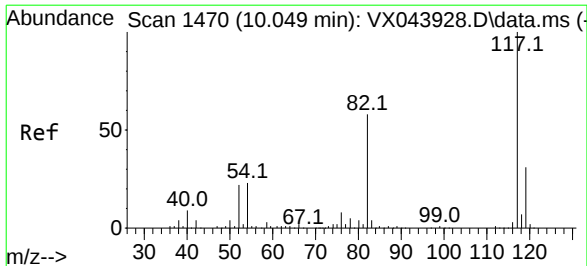
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#62
4-Bromofluorobenzene
Concen: 52.669 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion: 95 Resp: 86479
Ion Ratio Lower Upper
95 100
174 72.8 0.0 150.4
176 69.4 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

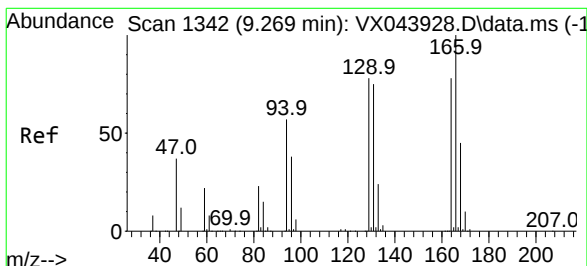
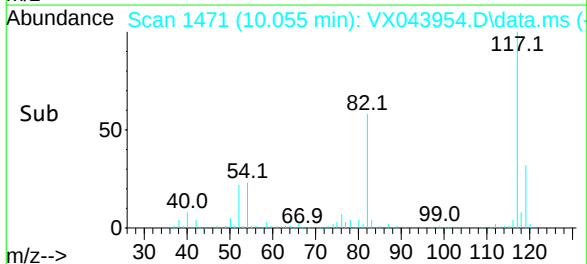
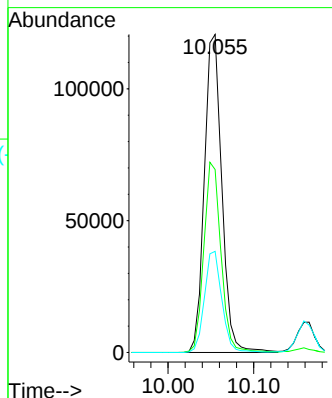
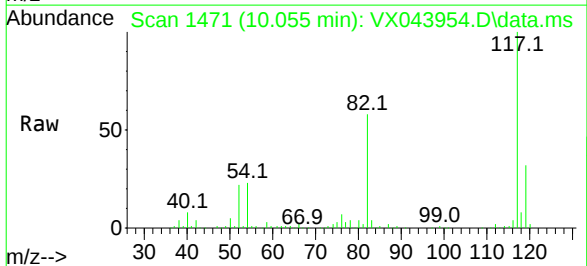
Tgt Ion:	117	Resp:	171011
Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.4	69.6
119	31.8	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#64

Tetrachloroethene

Concen: 20.722 ug/l

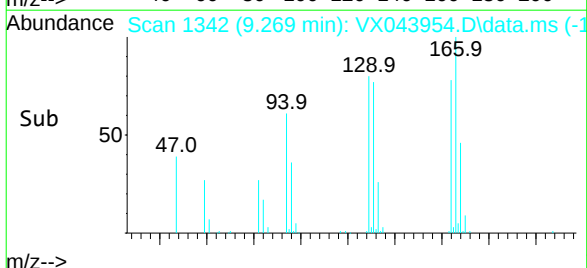
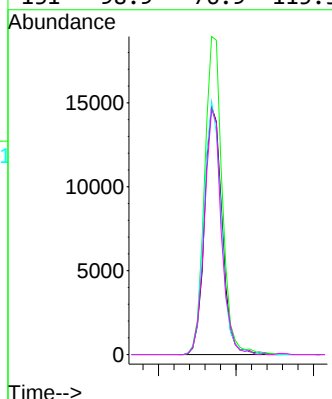
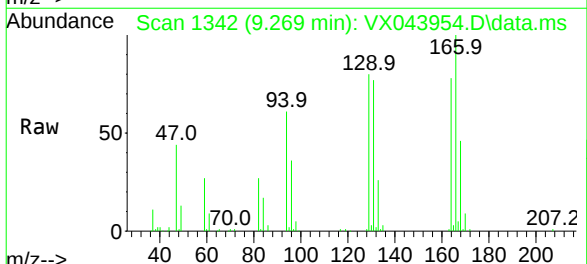
RT: 9.269 min Scan# 1342

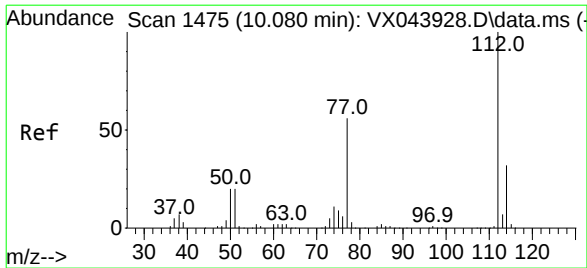
Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Tgt Ion:	164	Resp:	23366
Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.1	153.1
129	102.0	79.6	119.4
131	98.9	76.9	115.3





#65

Chlorobenzene

Concen: 19.949 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tgt Ion:112 Resp: 74928

Ion Ratio Lower Upper

112 100

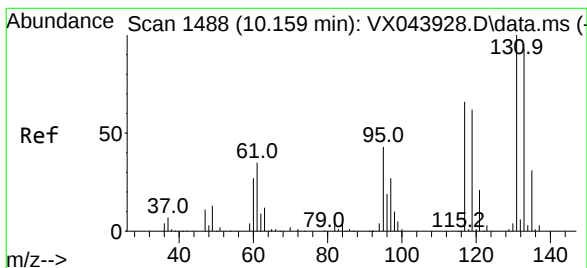
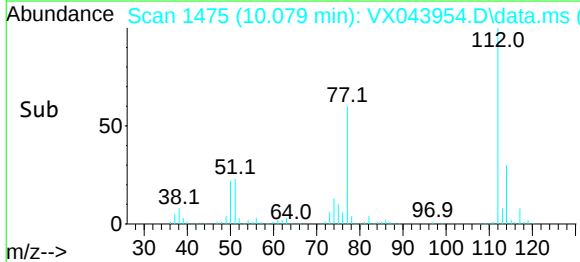
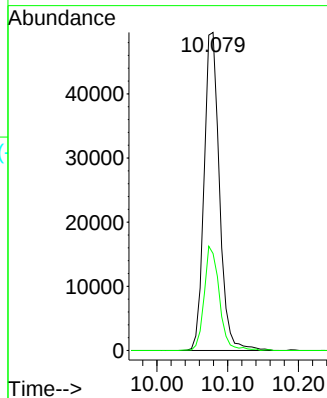
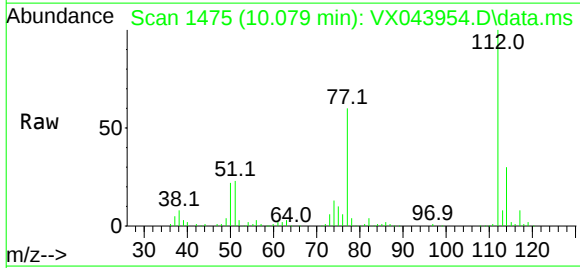
114 30.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 20.143 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

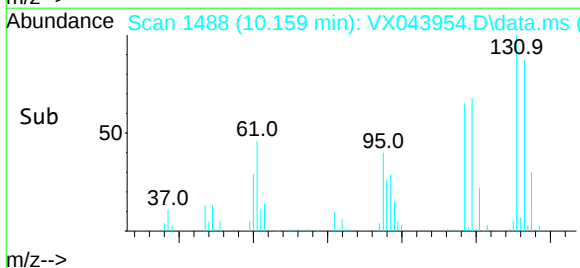
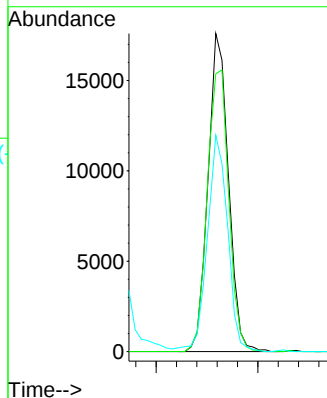
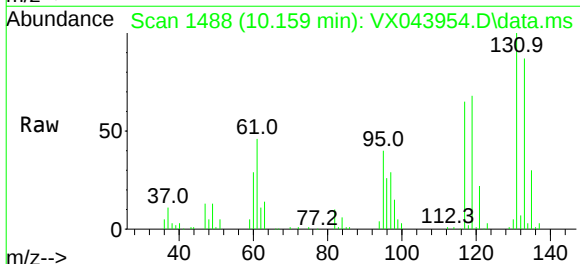
Tgt Ion:131 Resp: 24536

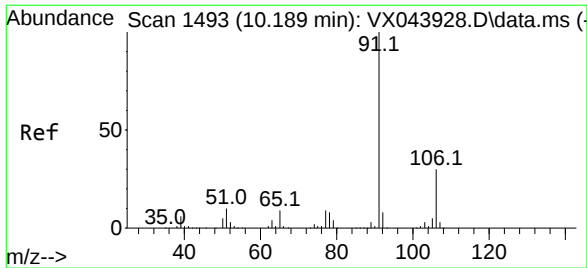
Ion Ratio Lower Upper

131 100

133 93.3 48.2 144.6

119 67.5 31.5 94.5





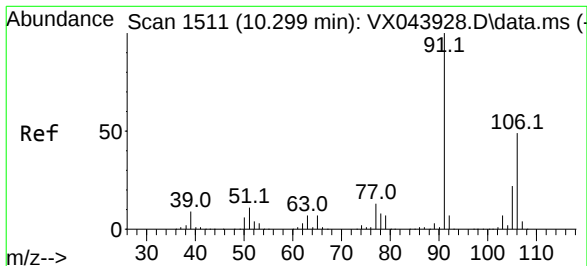
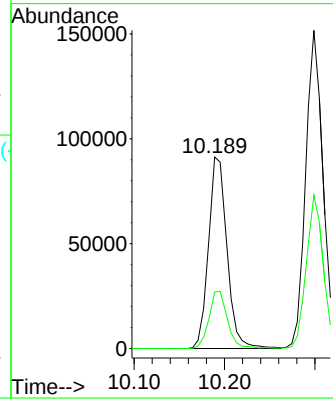
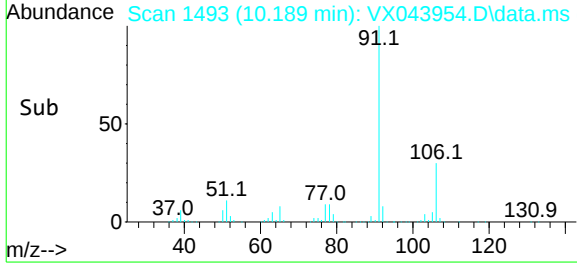
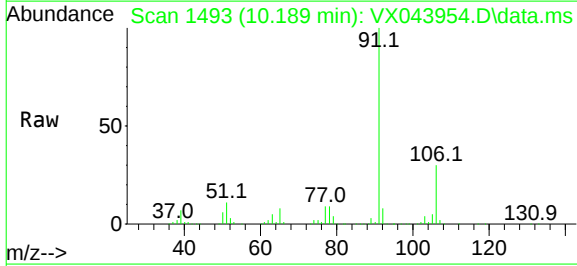
#67
Ethyl Benzene
Concen: 20.429 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion: 91 Resp: 130020
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4

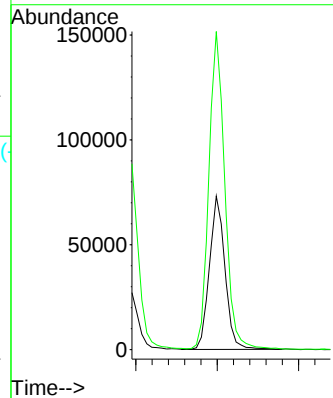
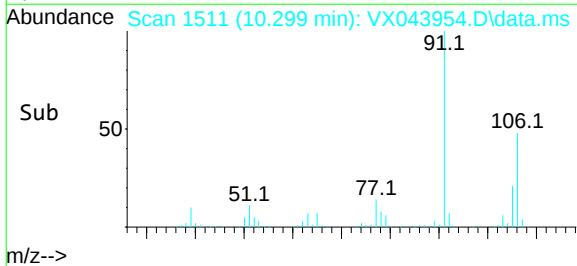
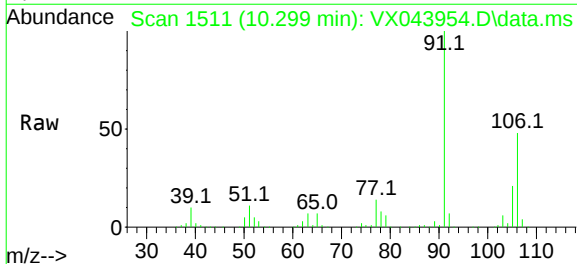
Manual Integrations
APPROVED

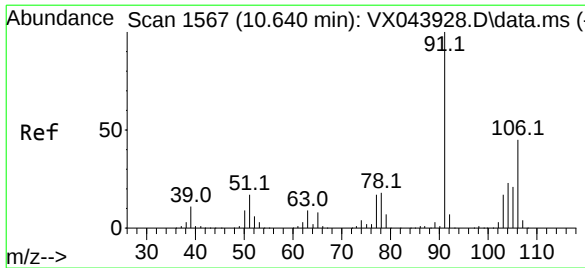
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#68
m/p-Xylenes
Concen: 40.881 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion:106 Resp: 97028
Ion Ratio Lower Upper
106 100
91 212.2 168.1 252.1





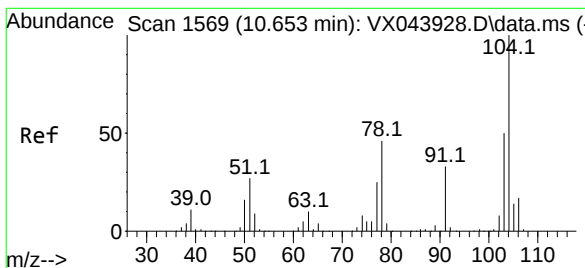
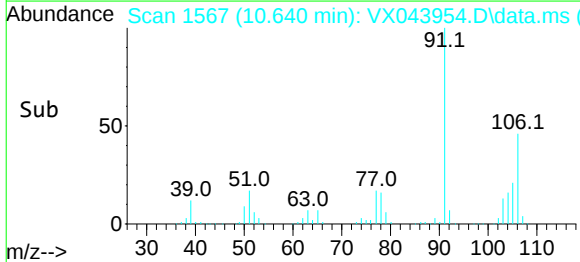
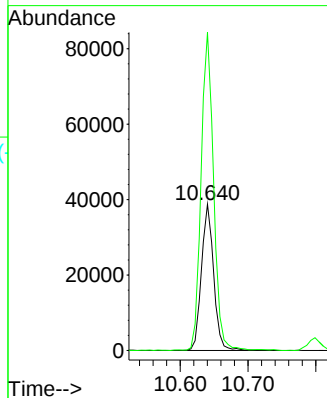
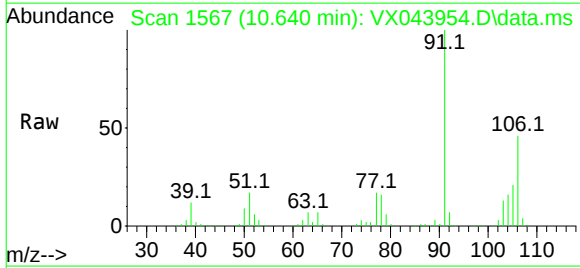
#69
o-Xylene
Concen: 20.920 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01

Tgt Ion:106 Resp: 48479
Ion Ratio Lower Upper
106 100
91 222.2 110.2 330.6

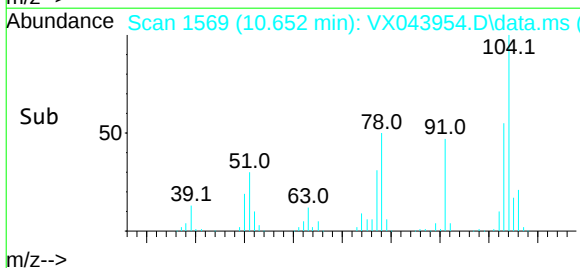
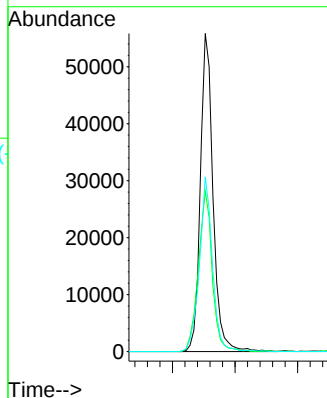
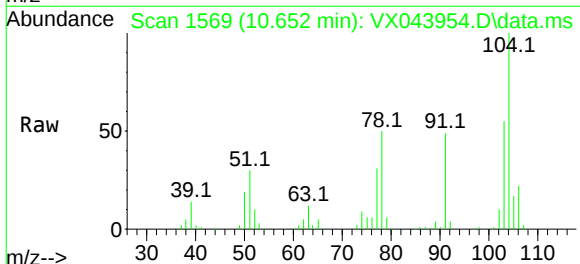
Manual Integrations
APPROVED

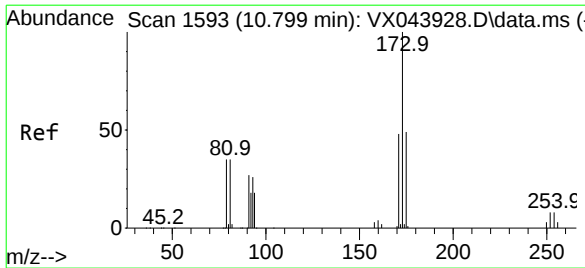
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#70
Styrene
Concen: 20.503 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion:104 Resp: 78583
Ion Ratio Lower Upper
104 100
78 55.1 42.2 63.2
103 56.9 44.7 67.1





#71

Bromoform

Concen: 17.533 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

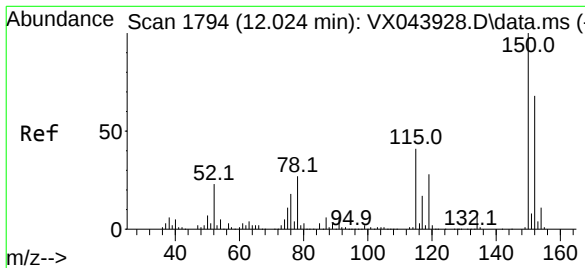
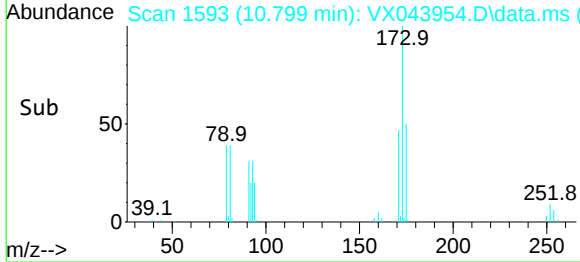
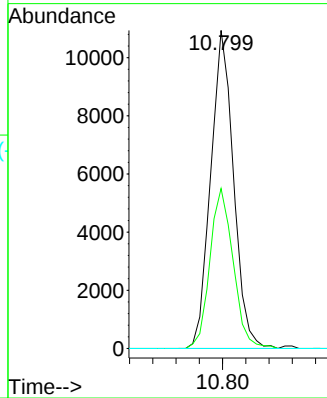
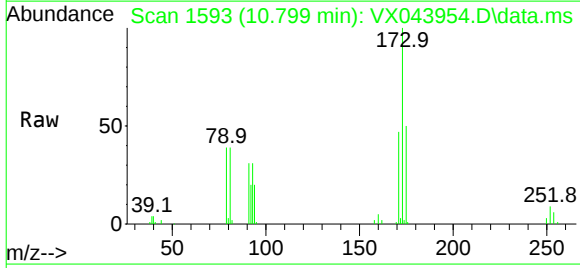
Tgt	Ion	Ratio	Lower	Upper
173	100			
175	51.2	24.1	72.2	
254	0.0	0.0	0.0	

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

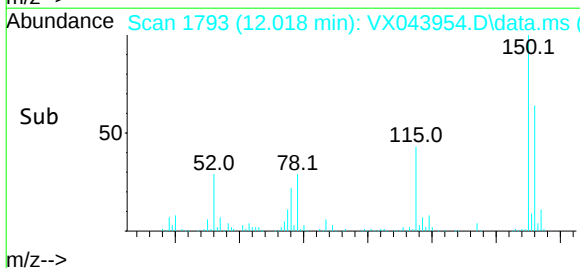
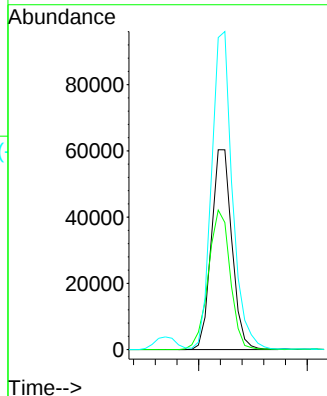
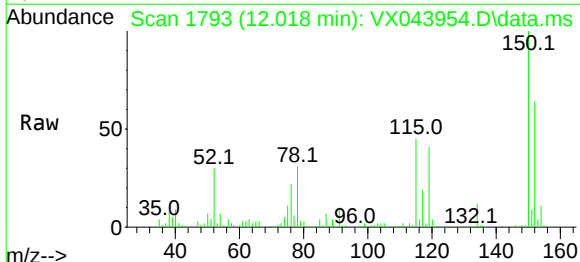
RT: 12.018 min Scan# 1793

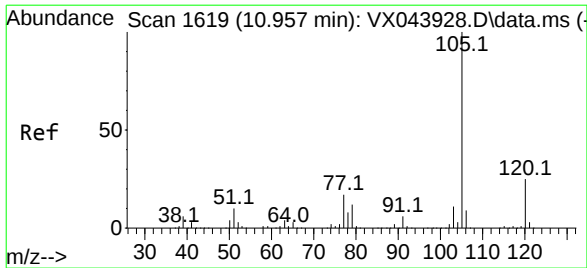
Delta R.T. -0.006 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Tgt	Ion	Ratio	Lower	Upper
152	100			
115	74.4	45.4	136.2	
150	161.9	0.0	353.0	





#73

Isopropylbenzene

Concen: 20.617 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tgt Ion:105 Resp: 125832

Ion Ratio Lower Upper

105 100

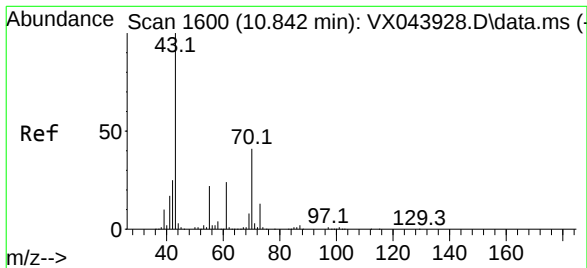
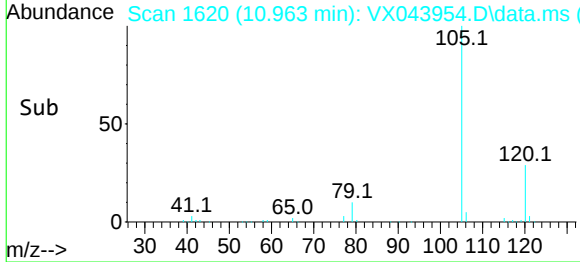
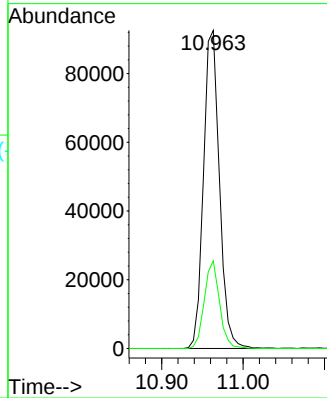
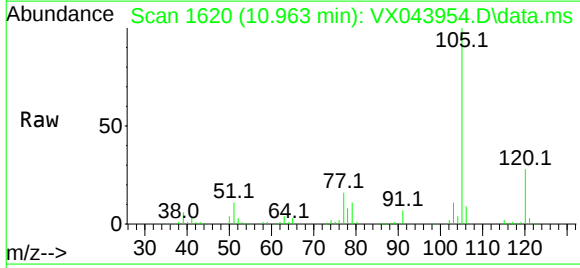
120 26.3 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#74

N-amyI acetate

Concen: 20.692 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Tgt Ion: 43 Resp: 58504

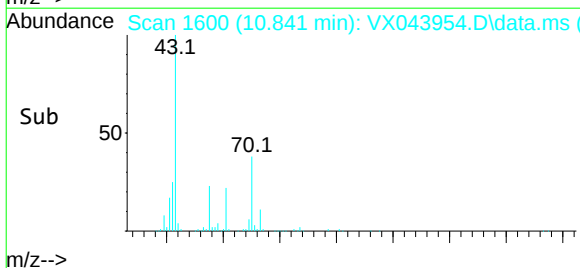
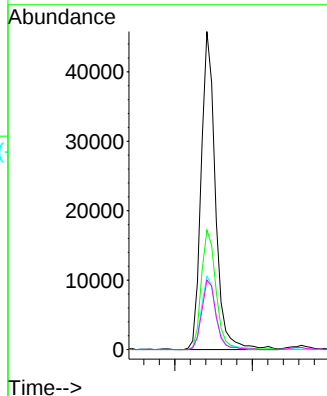
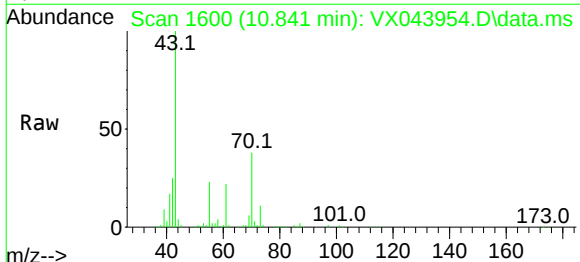
Ion Ratio Lower Upper

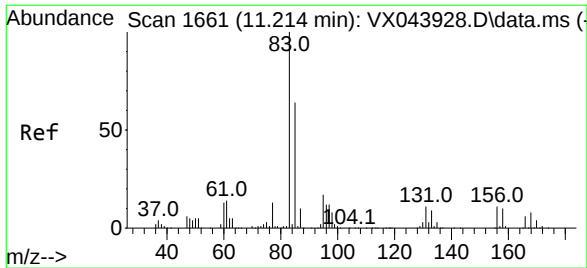
43 100

70 38.7 32.2 48.2

55 23.3 18.1 27.1

61 22.0 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.909 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

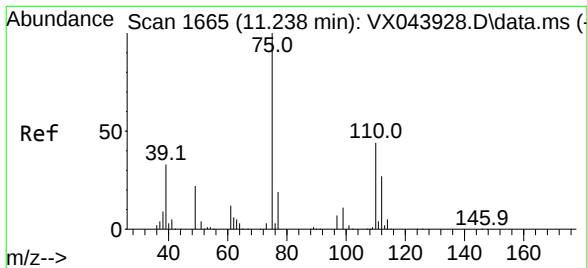
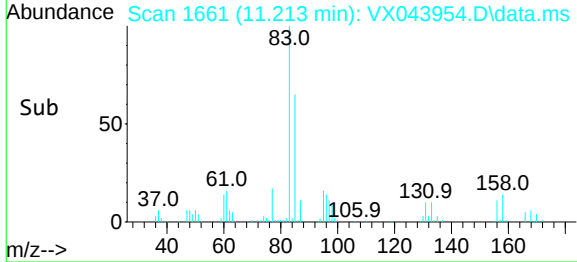
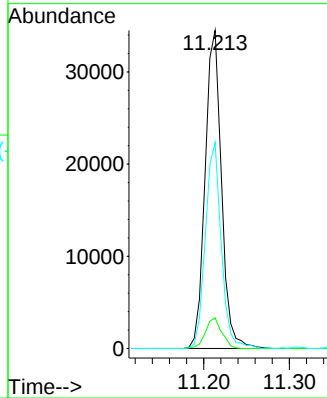
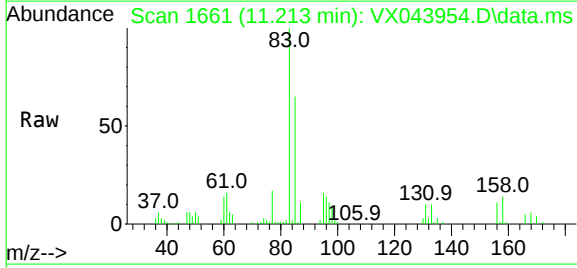
Tgt Ion:	83	Resp:	45786
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.1	15.2
85	62.7	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#76

1,2,3-Trichloropropane

Concen: 21.361 ug/l m

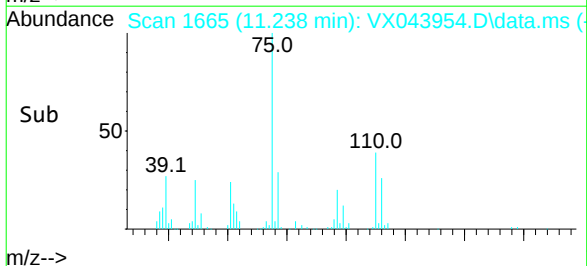
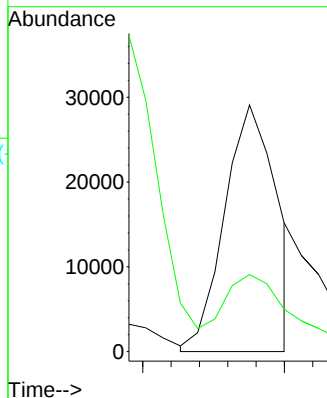
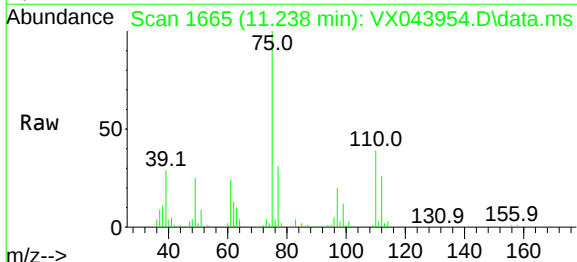
RT: 11.238 min Scan# 1665

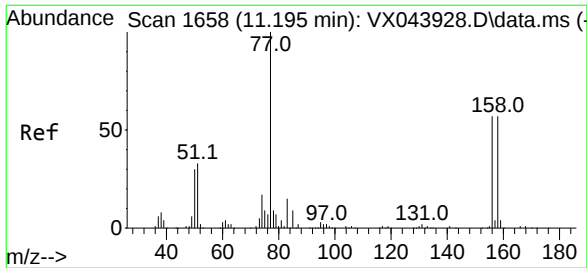
Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Tgt Ion:	75	Resp:	37193
Ion	Ratio	Lower	Upper
75	100		
77	41.8	21.8	65.3





#77

Bromobenzene

Concen: 20.201 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

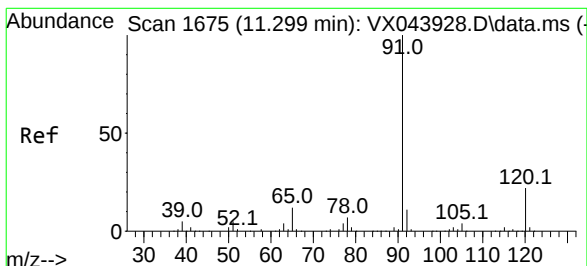
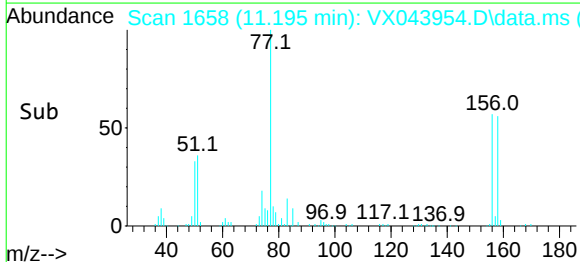
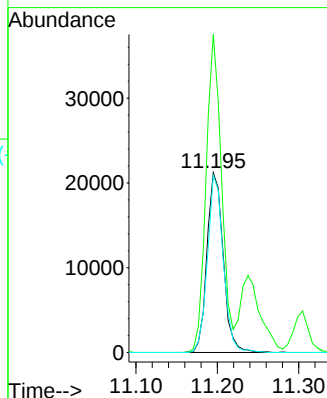
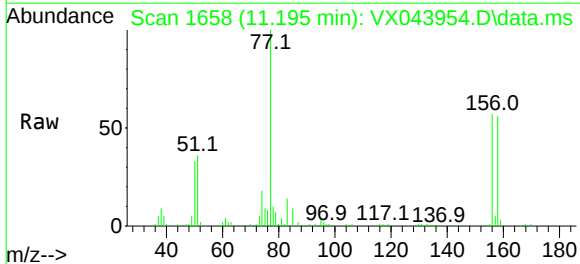
Tgt Ion:	156	Resp:	29411
Ion Ratio	Lower	Upper	
156	100		
77	168.8	83.4	250.1
158	96.3	47.6	142.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#78

n-propylbenzene

Concen: 20.700 ug/l

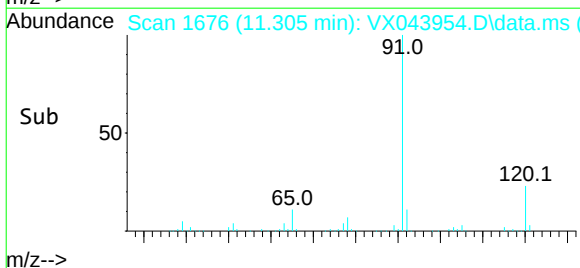
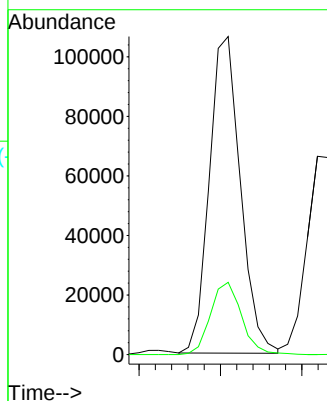
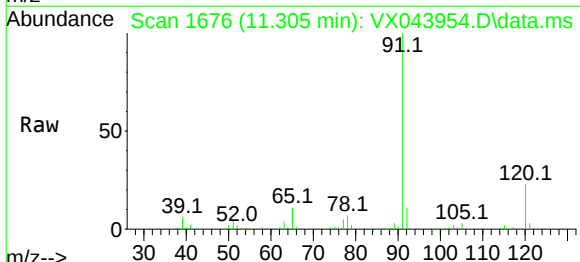
RT: 11.305 min Scan# 1676

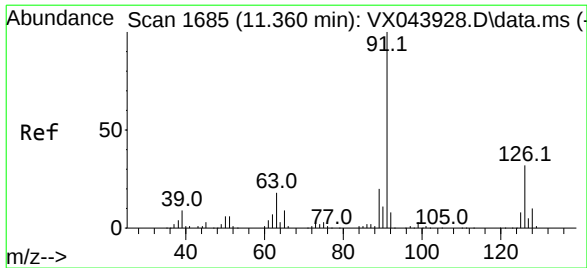
Delta R.T. 0.006 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Tgt Ion:	91	Resp:	141102
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4





#79

2-Chlorotoluene

Concen: 21.366 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

Tgt Ion: 91 Resp: 92095

Ion Ratio Lower Upper

91 100

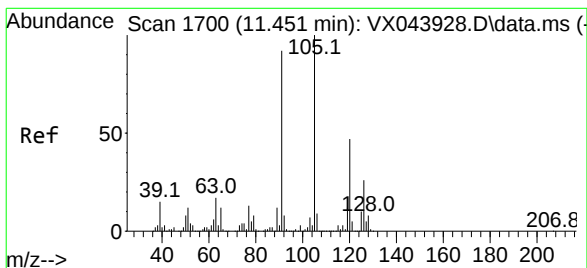
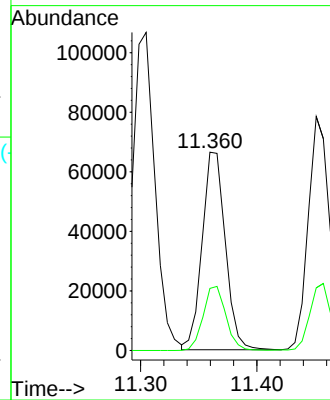
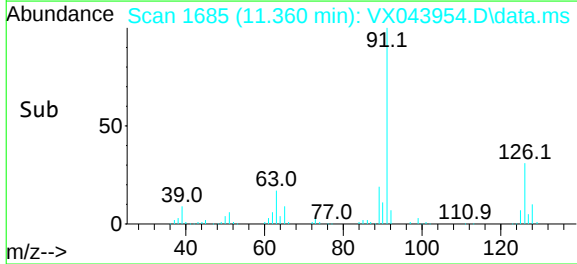
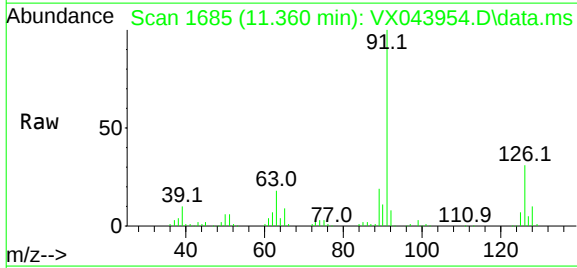
126 31.8 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#80

1,3,5-Trimethylbenzene

Concen: 20.914 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX043954.D

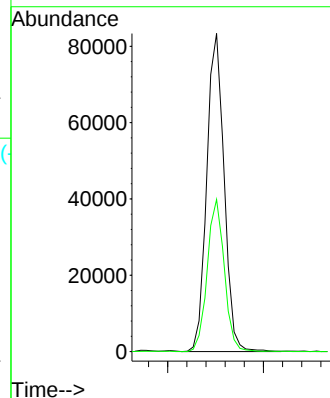
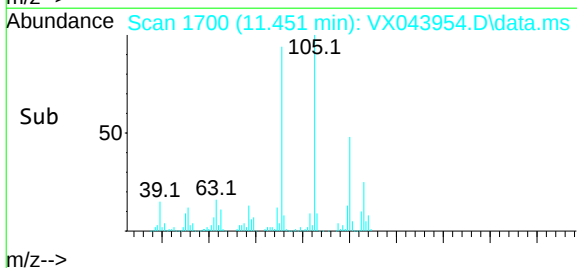
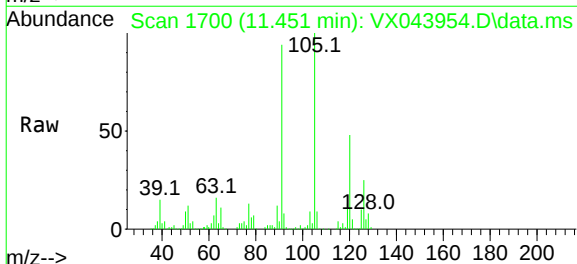
Acq: 22 Nov 2024 13:02

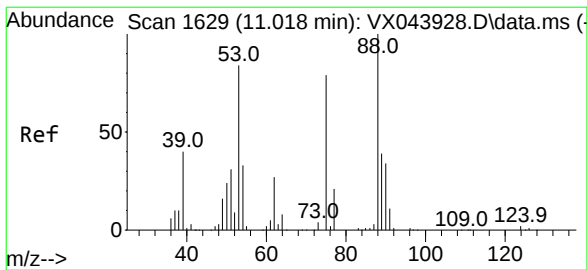
Tgt Ion:105 Resp: 105010

Ion Ratio Lower Upper

105 100

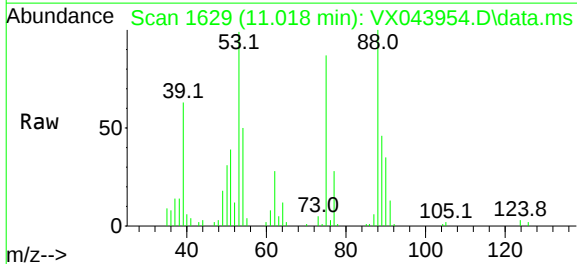
120 47.1 23.3 69.8





#81
trans-1,4-Dichloro-2-butene
Concen: 16.224 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

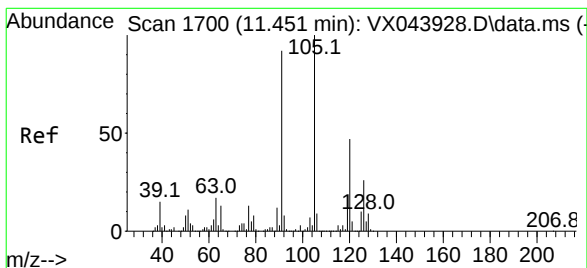
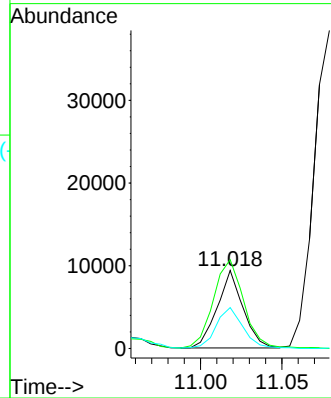
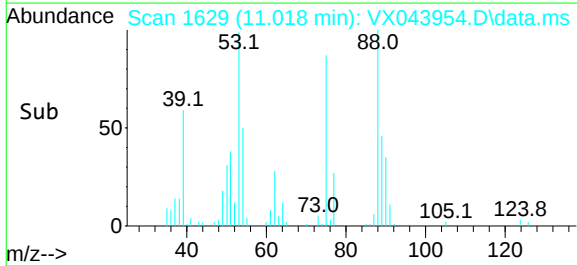
Instrument : MSVOA_X
ClientSampleId : VX1122WBSD01



Tgt Ion: 75 Resp: 10352
Ion Ratio Lower Upper
75 100
53 136.0 86.7 130.1#
89 55.7 38.2 57.2

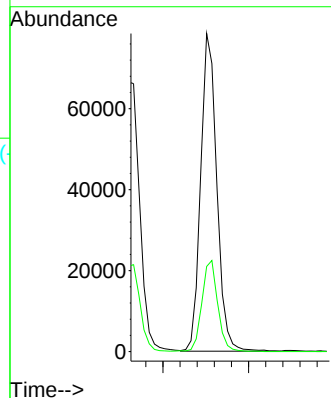
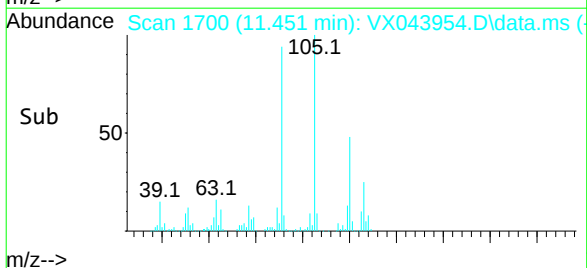
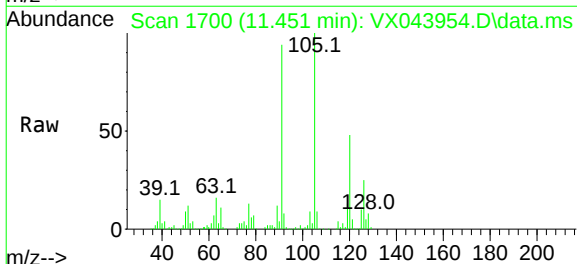
Manual Integrations
APPROVED

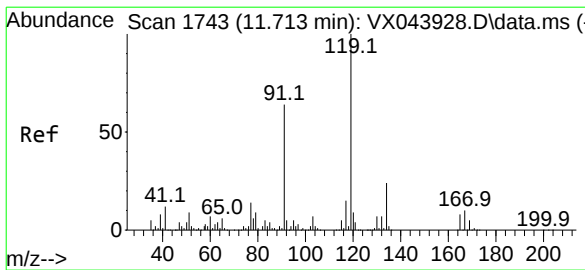
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#82
4-Chlorotoluene
Concen: 21.075 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion: 91 Resp: 102553
Ion Ratio Lower Upper
91 100
126 28.3 14.3 42.9





#83

tert-Butylbenzene

Concen: 21.086 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

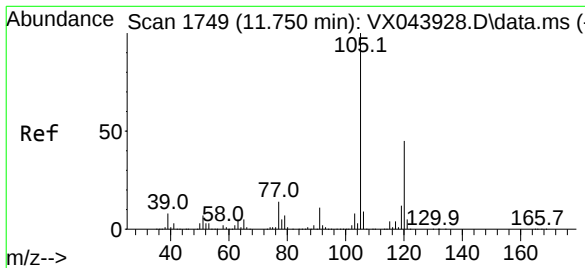
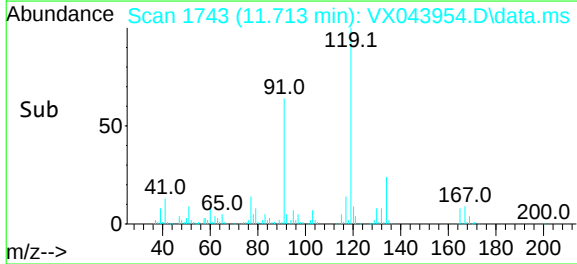
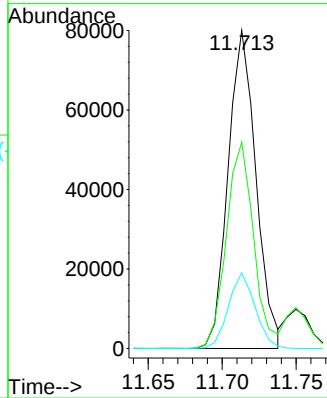
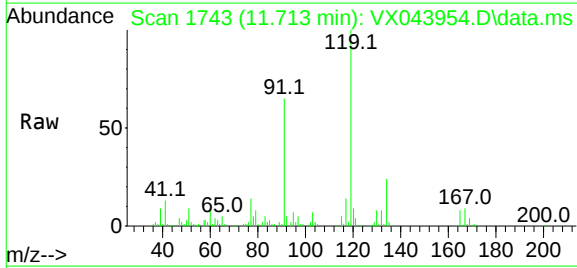
Tgt Ion:	119	Resp:	104939
Ion Ratio	Lower	Upper	
119	100		
91	63.6	31.0	93.0
134	22.8	11.6	34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#84

1,2,4-Trimethylbenzene

Concen: 21.541 ug/l

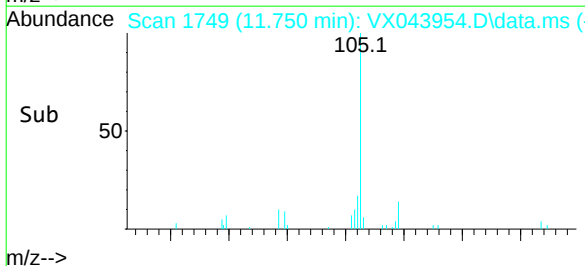
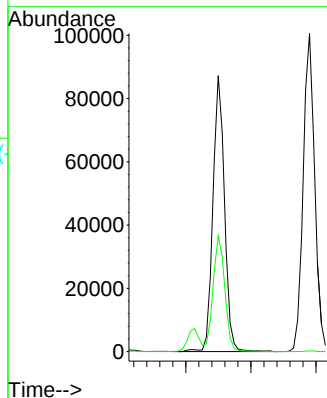
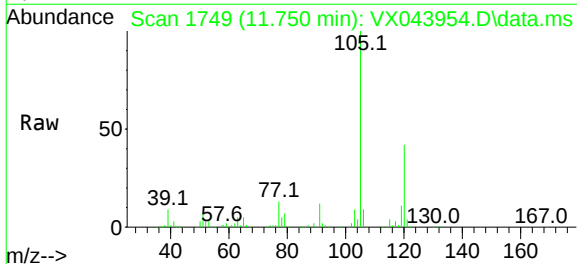
RT: 11.750 min Scan# 1749

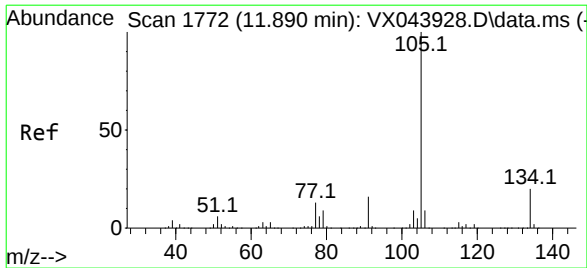
Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

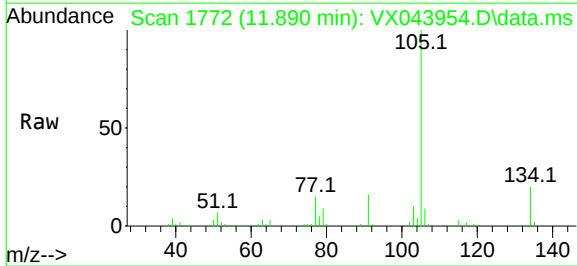
Tgt Ion:	105	Resp:	107681
Ion Ratio	Lower	Upper	
105	100		
120	42.9	21.9	65.7





#85
sec-Butylbenzene
Concen: 20.336 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

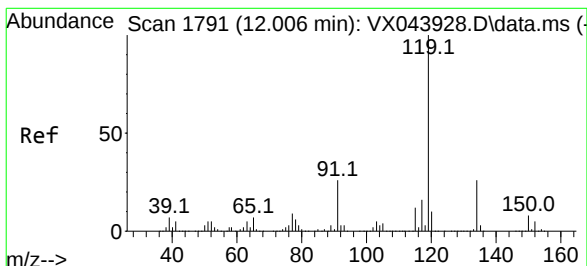
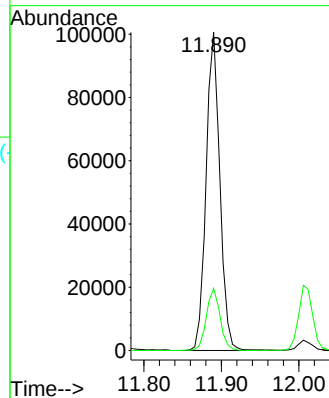
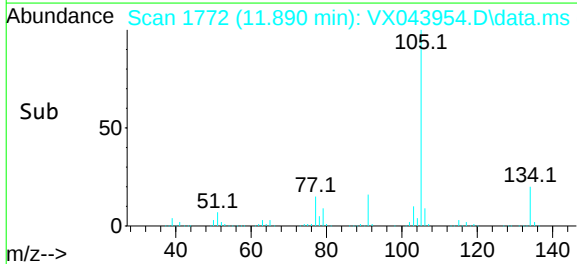
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



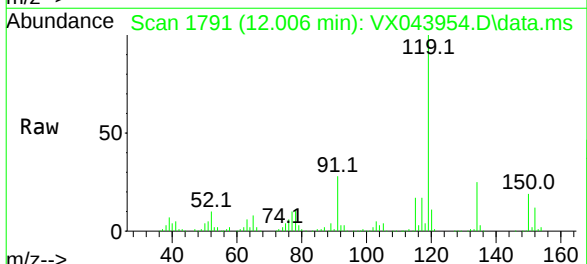
Tgt Ion:105 Resp: 124001
Ion Ratio Lower Upper
105 100
134 19.4 9.7 29.1

Manual Integrations
APPROVED

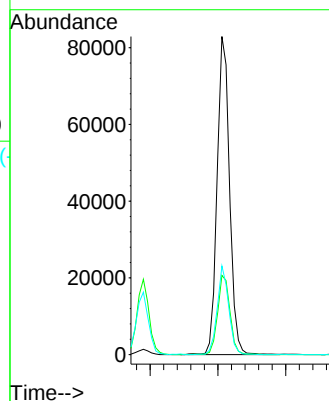
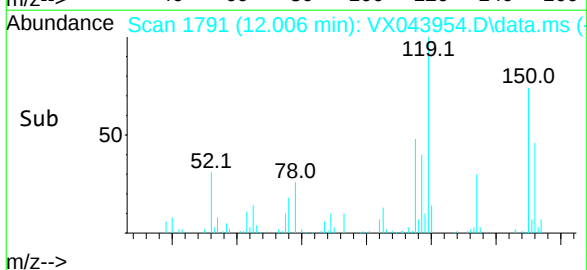
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

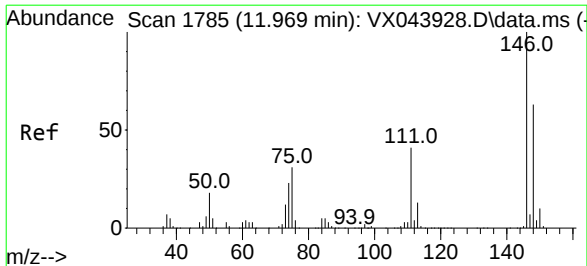


#86
p-Isopropyltoluene
Concen: 21.303 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02



Tgt Ion:119 Resp: 105513
Ion Ratio Lower Upper
119 100
134 24.8 13.0 38.9
91 25.8 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 20.061 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

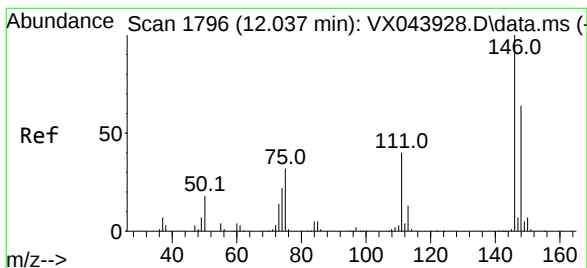
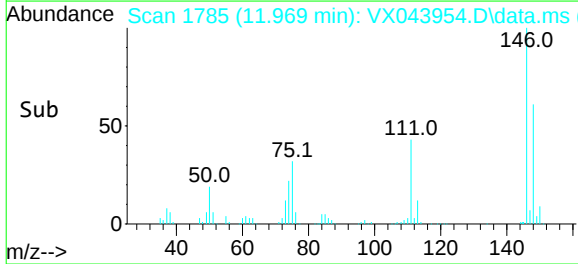
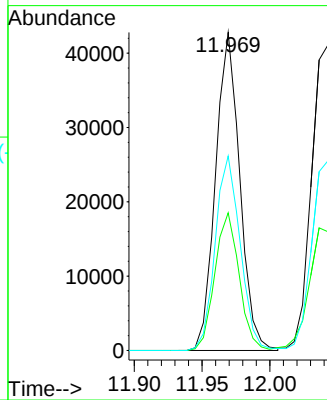
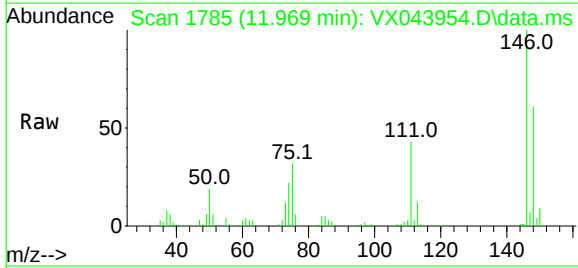
Tgt Ion:	146	Resp:	53195
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.1	63.3
148	63.3	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#88

1,4-Dichlorobenzene

Concen: 20.076 ug/l

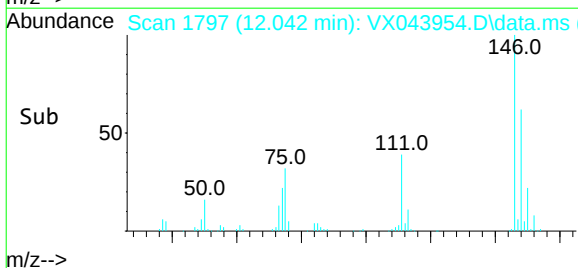
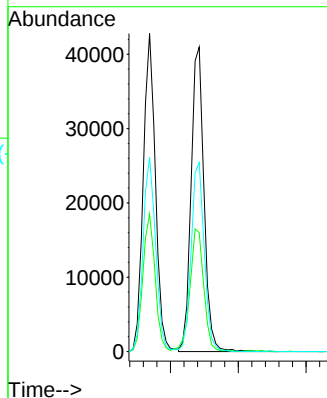
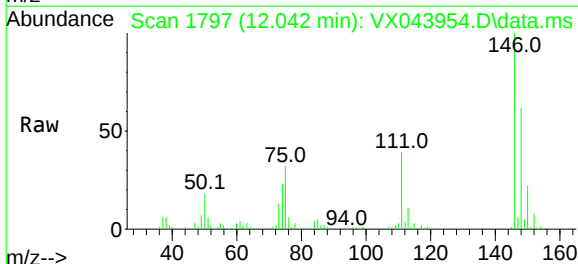
RT: 12.042 min Scan# 1797

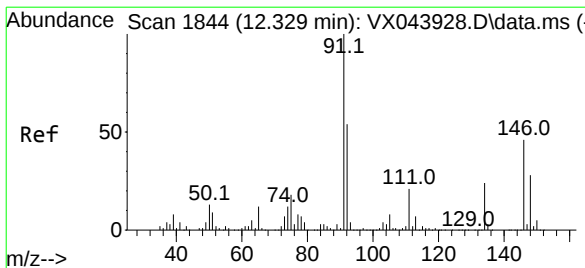
Delta R.T. 0.006 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

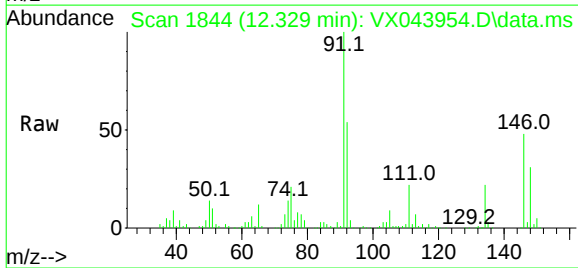
Tgt Ion:	146	Resp:	54275
Ion Ratio	Lower	Upper	
146	100		
111	43.1	20.1	60.3
148	62.9	30.9	92.8





#89
n-Butylbenzene
Concen: 20.384 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

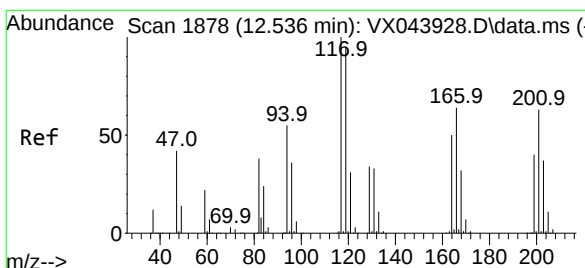
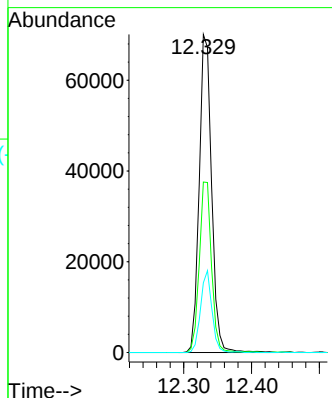
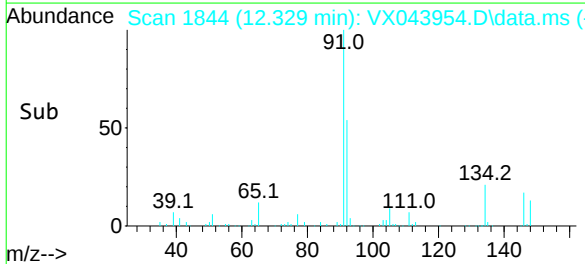
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion: 91 Resp: 89016
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.8
134 23.4 12.4 37.2

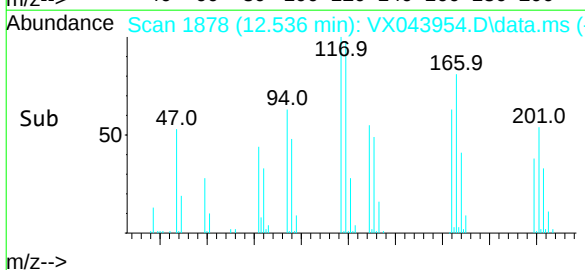
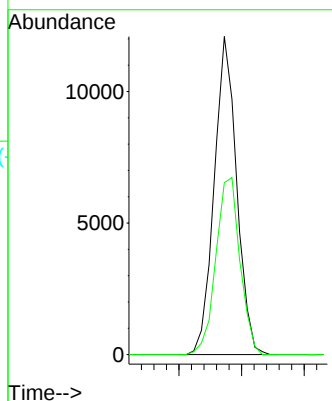
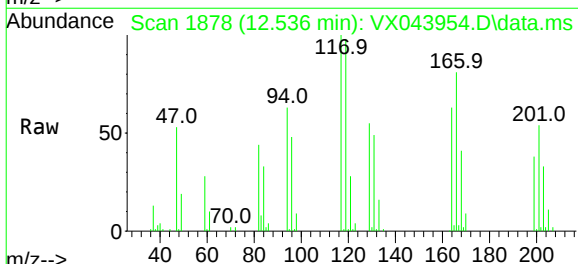
Manual Integrations
APPROVED

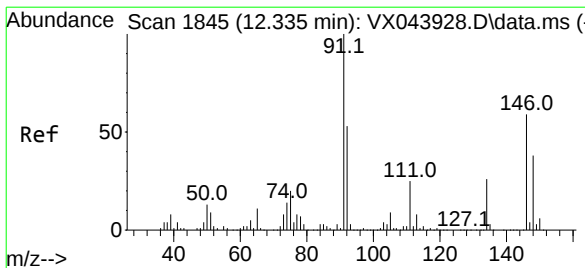
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#90
Hexachloroethane
Concen: 17.895 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

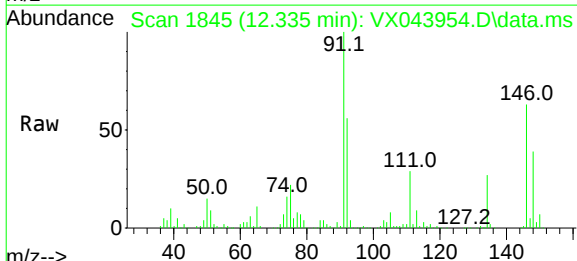
Tgt Ion:117 Resp: 15072
Ion Ratio Lower Upper
117 100
201 59.8 32.4 97.0





#91
1,2-Dichlorobenzene
Concen: 20.688 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

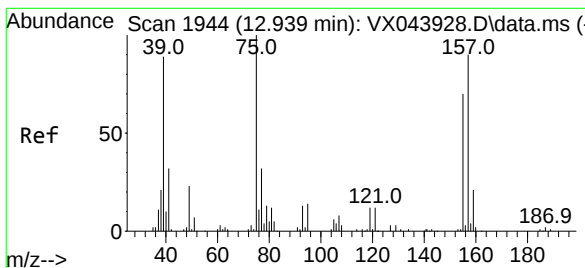
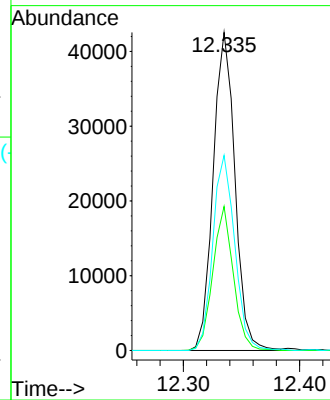
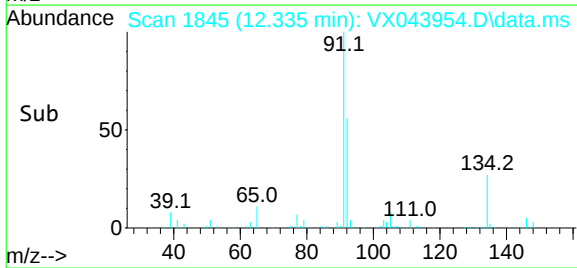
Instrument :
MSVOA_X
ClientSampleId :
VX1122WBSD01



Tgt Ion: 146 Resp: 55361
Ion Ratio Lower Upper
146 100
111 42.8 21.5 64.5
148 62.1 31.9 95.5

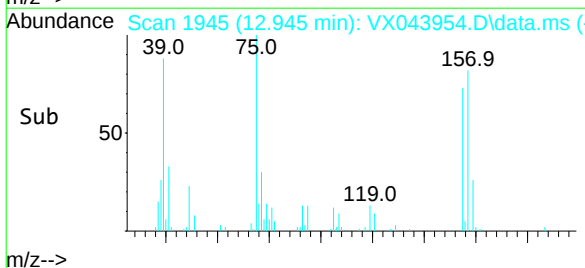
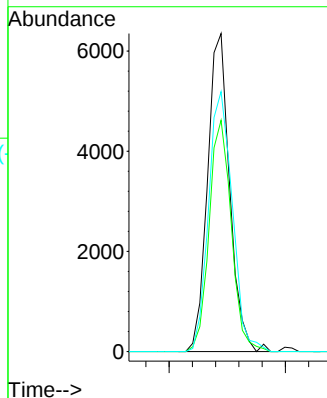
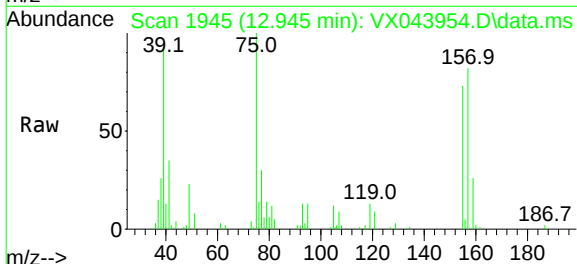
Manual Integrations
APPROVED

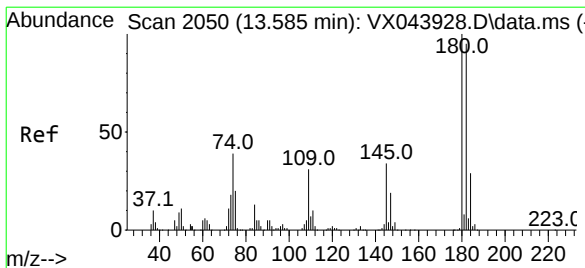
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.036 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX043954.D
Acq: 22 Nov 2024 13:02

Tgt Ion: 75 Resp: 8390
Ion Ratio Lower Upper
75 100
155 73.0 40.1 120.2
157 88.1 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 18.864 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

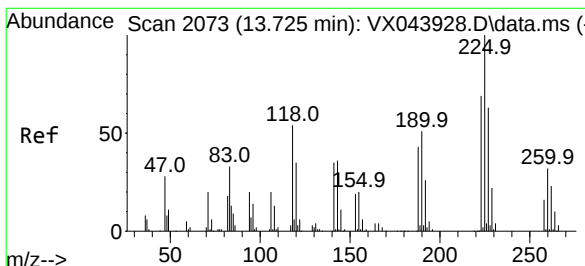
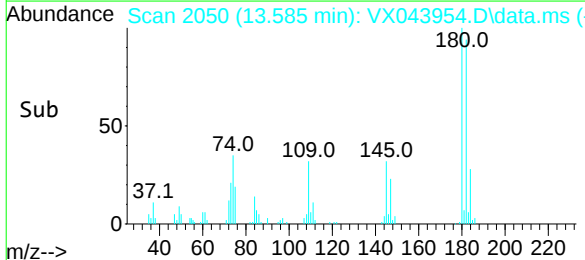
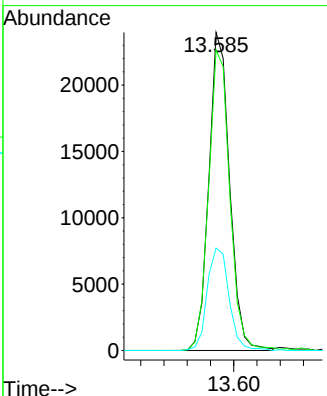
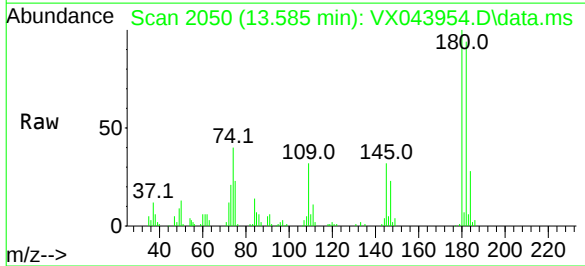
Tgt Ion:	180	Resp:	29761
Ion Ratio	Lower	Upper	
180	100		
182	96.6	48.0	144.2
145	33.9	16.8	50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#94

Hexachlorobutadiene

Concen: 18.958 ug/l

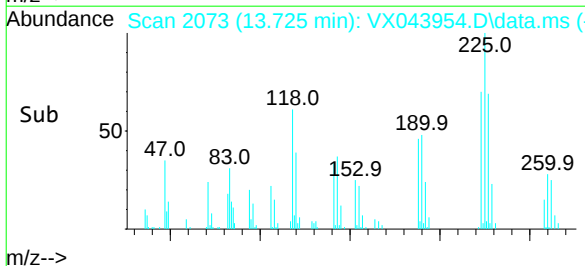
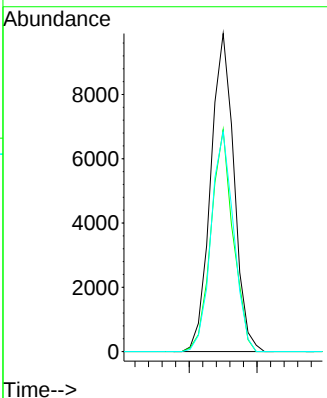
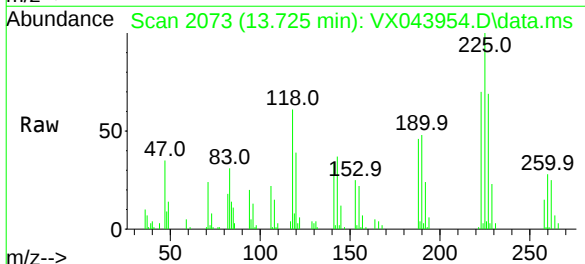
RT: 13.725 min Scan# 2073

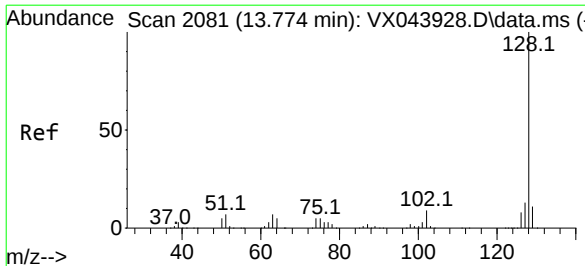
Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Tgt Ion:	225	Resp:	11821
Ion Ratio	Lower	Upper	
225	100		
223	66.0	32.9	98.6
227	66.8	31.6	94.8





#95

Naphthalene

Concen: 20.640 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX1122WBSD01

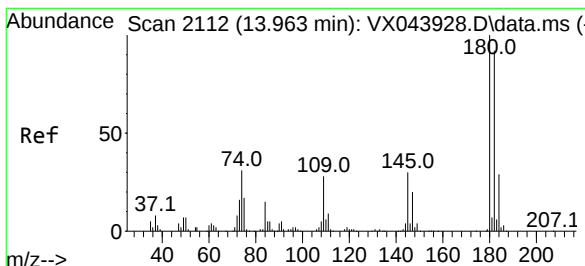
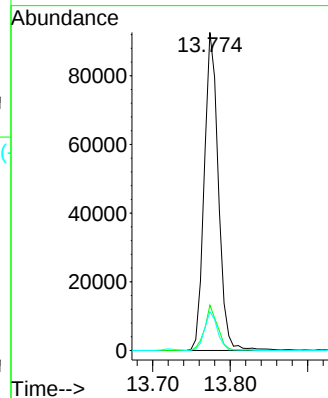
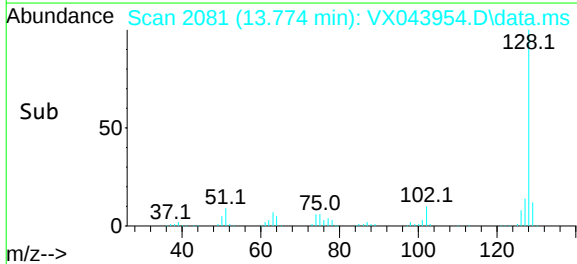
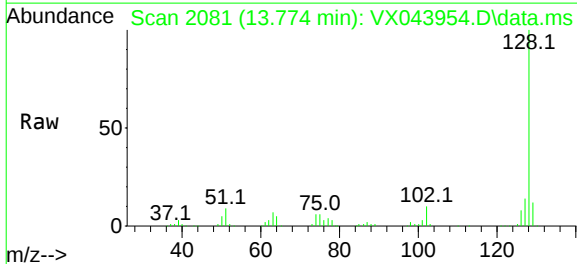
Tgt Ion:	128	Resp:	117216
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.4	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.151 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX043954.D

Acq: 22 Nov 2024 13:02

Tgt Ion:	180	Resp:	30581
Ion	Ratio	Lower	Upper
180	100		
182	96.9	45.6	136.8
145	37.1	16.4	49.4

