

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120924\
 Data File : VX044194.D
 Acq On : 09 Dec 2024 17:37
 Operator : JC/MD
 Sample : VX1209WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2024
 Supervised By : Mahesh Dadoda 12/10/2024

Quant Time: Dec 10 01:46:40 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	5.550	168	135757	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	248673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96570	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	129787	55.739	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.480%
35) Dibromofluoromethane	5.379	113	92471	52.041	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.080%
50) Toluene-d8	8.647	98	311560	50.866	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.740%
62) 4-Bromofluorobenzene	11.079	95	112080	53.767	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.540%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.166	85	27509	15.995	ug/l 98
3) Chloromethane	1.294	50	32755	18.099	ug/l 98
4) Vinyl Chloride	1.374	62	35273	18.324	ug/l 99
5) Bromomethane	1.593	94	24857	20.990	ug/l 94
6) Chloroethane	1.666	64	29761	25.373	ug/l 99
7) Trichlorofluoromethane	1.867	101	68304	19.847	ug/l 99
8) Diethyl Ether	2.136	74	27655	22.047	ug/l 97
9) 1,1,2-Trichlorotrifluo...	2.313	101	30116	18.345	ug/l 99
10) Methyl Iodide	2.441	142	41292	20.140	ug/l 98
11) Tert butyl alcohol	2.989	59	38441	102.855	ug/l 99
12) 1,1-Dichloroethene	2.306	96	29889	19.107	ug/l 98
13) Acrolein	2.233	56	32283	81.950	ug/l 96
14) Allyl chloride	2.660	41	50978	19.944	ug/l 97
15) Acrylonitrile	3.068	53	100479	110.322	ug/l 99
16) Acetone	2.386	43	109503	102.392	ug/l 99
17) Carbon Disulfide	2.502	76	44433	13.770	ug/l 96
18) Methyl Acetate	2.709	43	53505	21.484	ug/l 98
19) Methyl tert-butyl Ether	3.117	73	124639	21.944	ug/l 95
20) Methylene Chloride	2.782	84	36188	19.940	ug/l 97
21) trans-1,2-Dichloroethene	3.081	96	31501	19.504	ug/l 96
22) Diisopropyl ether	3.763	45	120480	22.043	ug/l 95
23) Vinyl Acetate	3.721	43	499223	106.772	ug/l 100
24) 1,1-Dichloroethane	3.605	63	66871	21.208	ug/l 99
25) 2-Butanone	4.568	43	154107	111.678	ug/l 100
26) 2,2-Dichloropropane	4.471	77	57084	20.046	ug/l 100
27) cis-1,2-Dichloroethene	4.483	96	42493	21.285	ug/l 98
28) Bromochloromethane	4.897	49	26209	18.884	ug/l 95
29) Tetrahydrofuran	5.007	42	95322	112.677	ug/l 98
30) Chloroform	5.093	83	75775	22.344	ug/l 93
31) Cyclohexane	5.464	56	48818	18.811	ug/l 97
32) 1,1,1-Trichloroethane	5.379	97	62168	21.257	ug/l 99
36) 1,1-Dichloropropene	5.690	75	43925	19.838	ug/l 97
37) Ethyl Acetate	4.721	43	57613	20.961	ug/l 100
38) Carbon Tetrachloride	5.678	117	48162	19.358	ug/l 97
39) Methylcyclohexane	7.379	83	52919	18.397	ug/l 94
40) Benzene	6.031	78	139613	20.242	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	32217	22.901	ug/l	95
42) 1,2-Dichloroethane	6.086	62	59522	21.488	ug/l	99
43) Isopropyl Acetate	6.342	43	93678	21.416	ug/l	99
44) Trichloroethene	7.123	130	35012	17.932	ug/l	98
45) 1,2-Dichloropropane	7.427	63	33709	19.955	ug/l	97
46) Dibromomethane	7.580	93	28564	21.376	ug/l	98
47) Bromodichloromethane	7.818	83	48783	20.355	ug/l	99
48) Methyl methacrylate	7.696	41	43383	20.669	ug/l	99
49) 1,4-Dioxane	7.665	88	11689	312.640	ug/l #	61
51) 4-Methyl-2-Pentanone	8.574	43	302094	113.171	ug/l	99
52) Toluene	8.714	92	85899	20.808	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	48298	19.762	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	54145	20.209	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	36713	21.544	ug/l	97
56) Ethyl methacrylate	9.116	69	59083	22.260	ug/l	98
57) 1,3-Dichloropropane	9.305	76	62674	21.833	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	127295	86.855	ug/l	99
59) 2-Hexanone	9.433	43	231547	115.407	ug/l	99
60) Dibromochloromethane	9.519	129	33874	19.812	ug/l	99
61) 1,2-Dibromoethane	9.610	107	36670	21.281	ug/l	98
64) Tetrachloroethene	9.275	164	27824	19.563	ug/l	98
65) Chlorobenzene	10.079	112	94932	20.039	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	32146	20.923	ug/l	100
67) Ethyl Benzene	10.195	91	167658	20.886	ug/l	99
68) m/p-Xylenes	10.299	106	123887	41.384	ug/l	100
69) o-Xylene	10.640	106	62326	21.324	ug/l	99
70) Styrene	10.652	104	101812	21.061	ug/l	98
71) Bromoform	10.799	173	18740	17.454	ug/l #	99
73) Isopropylbenzene	10.963	105	162841	21.937	ug/l	99
74) N-amyl acetate	10.841	43	76764	22.323	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	56343	22.167	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	46519m	21.966	ug/l	
77) Bromobenzene	11.195	156	38424	21.699	ug/l	100
78) n-propylbenzene	11.305	91	177942	21.463	ug/l	98
79) 2-Chlorotoluene	11.360	91	113558	21.661	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	133542	21.866	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	13581	17.499	ug/l #	85
82) 4-Chlorotoluene	11.451	91	128085	21.641	ug/l	99
83) tert-Butylbenzene	11.713	119	134832	22.274	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	134709	22.155	ug/l	98
85) sec-Butylbenzene	11.890	105	159764	21.541	ug/l	99
86) p-Isopropyltoluene	12.006	119	132697	22.027	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	66585	20.645	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	65706	19.982	ug/l	95
89) n-Butylbenzene	12.329	91	110620	20.826	ug/l	99
90) Hexachloroethane	12.536	117	18756	18.309	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	69186	21.257	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10532	20.679	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	37178	19.375	ug/l	98
94) Hexachlorobutadiene	13.725	225	14835	19.561	ug/l	99
95) Naphthalene	13.774	128	149688	21.670	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	38872	20.014	ug/l	95

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

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

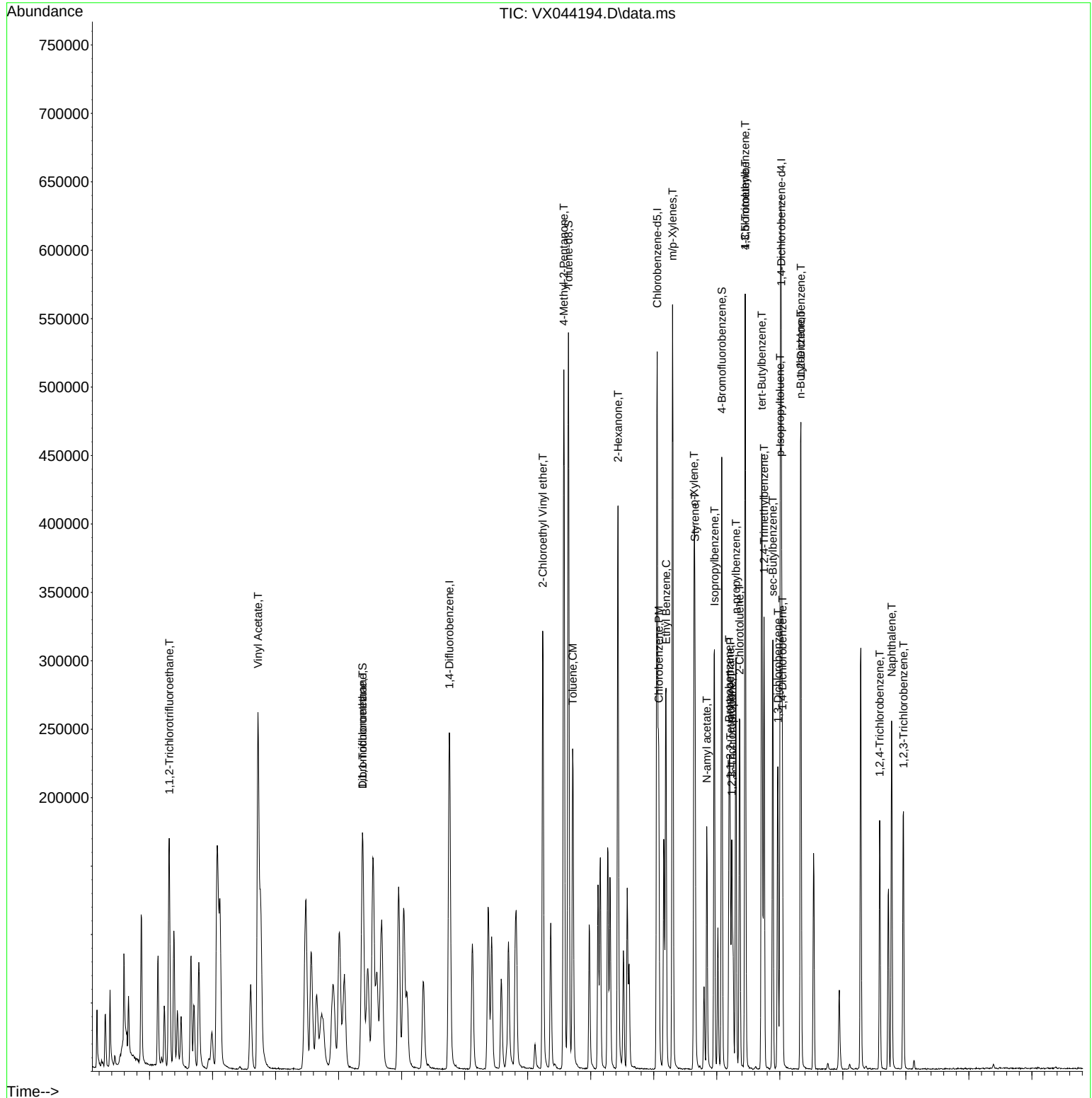
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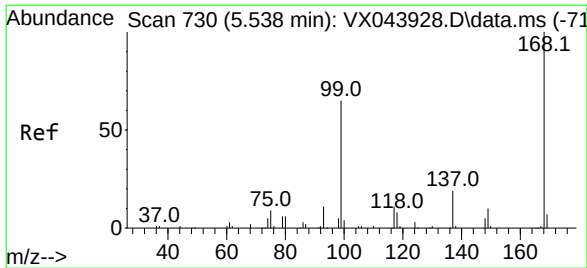
Instrument :
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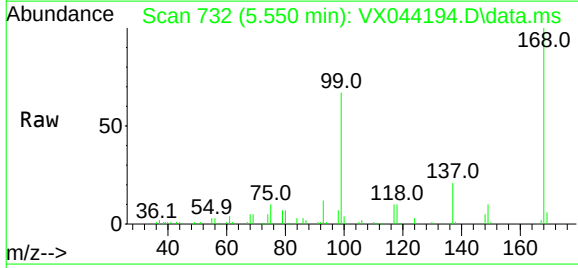
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 73
Delta R.T. 0.012 min
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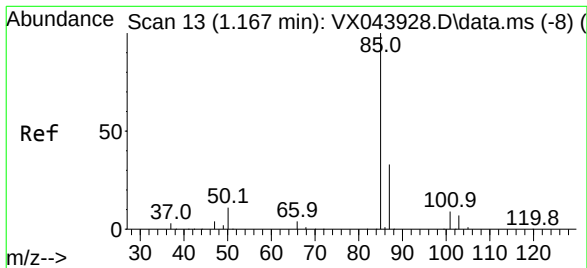
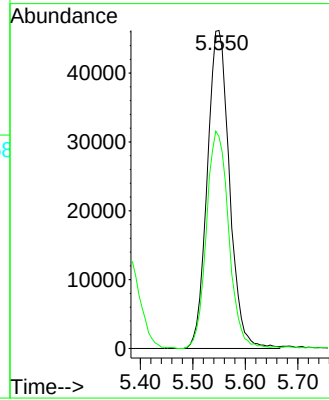
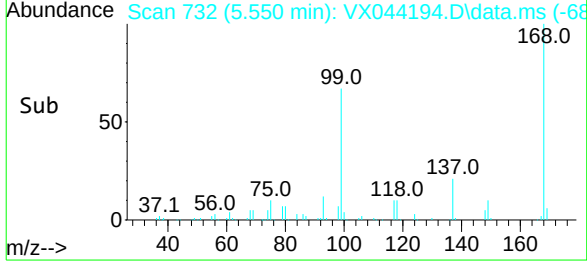
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 135757
Ion Ratio Lower Upper
168 100
99 66.6 51.8 77.8

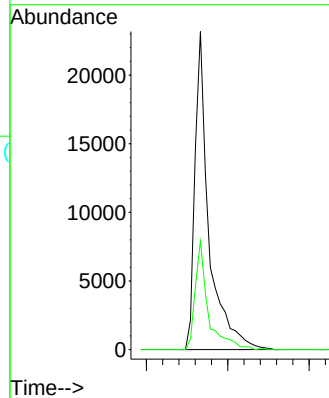
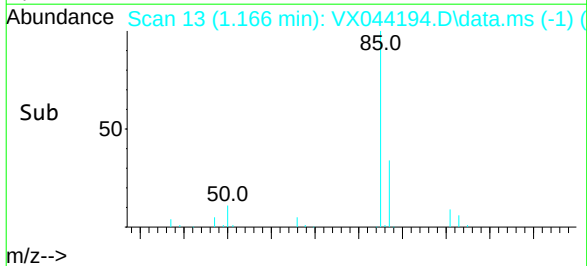
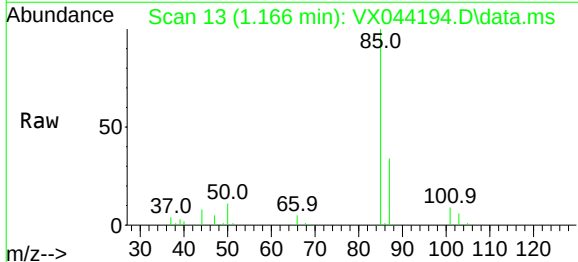
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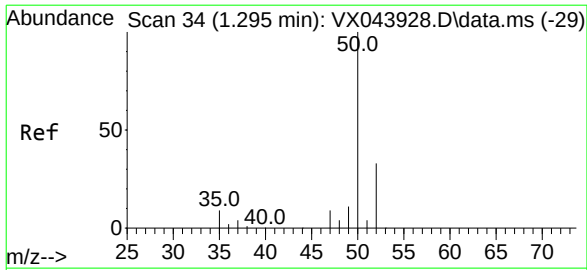
Reviewed By :John Carlone 12/10/2024
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#2
Dichlorodifluoromethane
Concen: 15.995 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion: 85 Resp: 27509
Ion Ratio Lower Upper
85 100
87 34.1 16.6 49.8





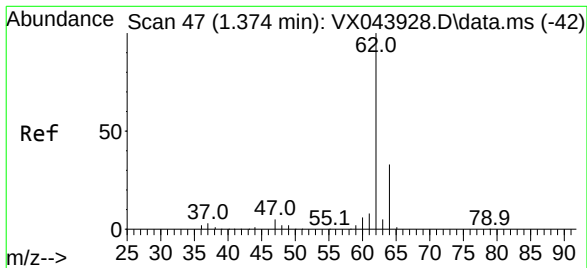
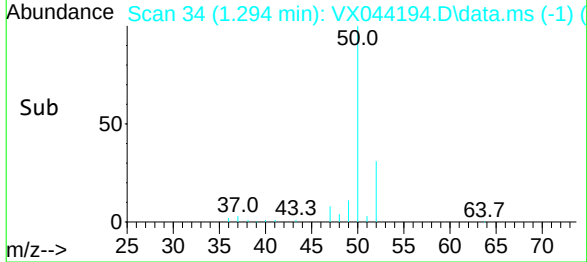
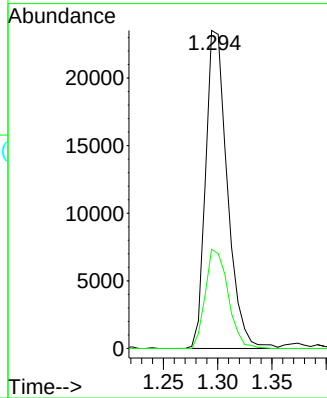
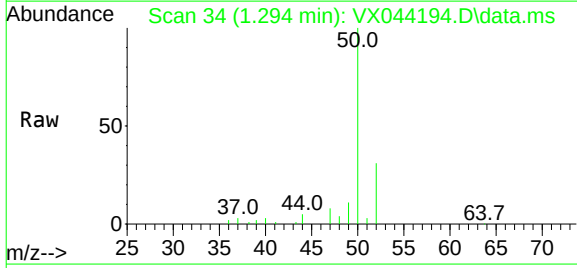
#3
Chloromethane
Concen: 18.099 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

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Tgt Ion: 50 Resp: 32755
Ion Ratio Lower Upper
50 100
52 31.2 26.1 39.1

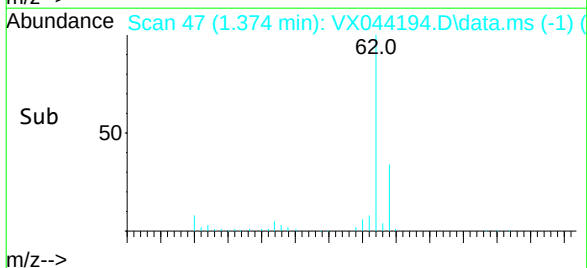
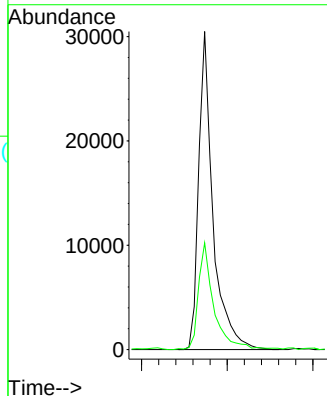
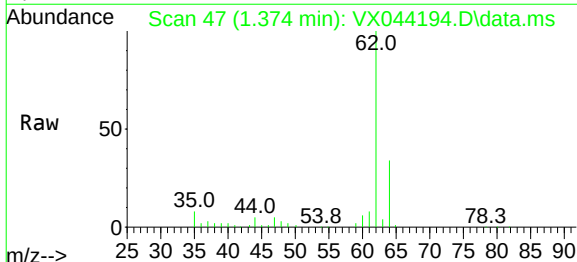
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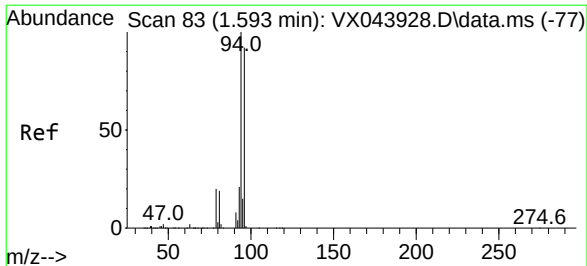
Reviewed By :John Carlone 12/10/2024
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#4
Vinyl Chloride
Concen: 18.324 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion: 62 Resp: 35273
Ion Ratio Lower Upper
62 100
64 33.3 26.2 39.4





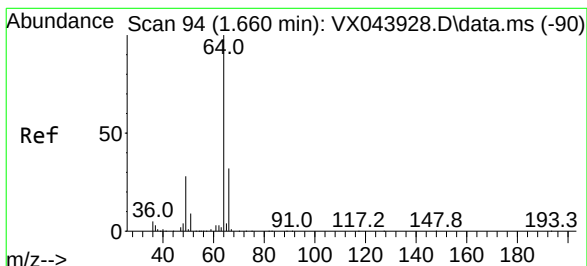
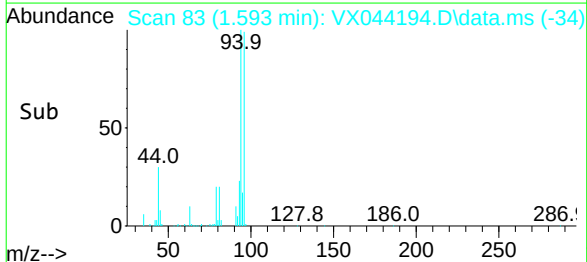
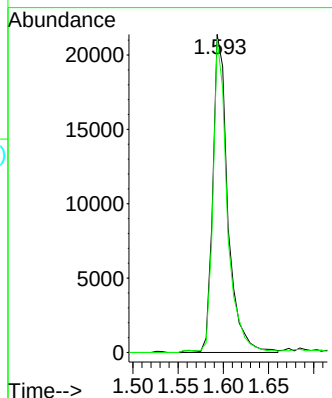
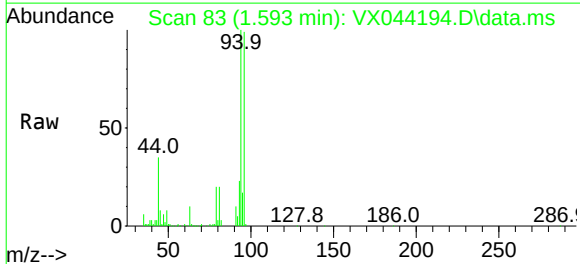
#5
Bromomethane
Concen: 20.990 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044194.D
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Instrument :
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Tgt Ion: 94 Resp: 24857
Ion Ratio Lower Upper
94 100
96 98.5 73.9 110.9

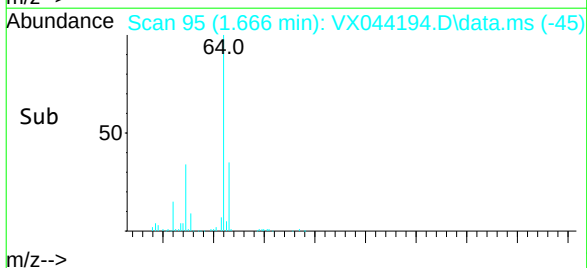
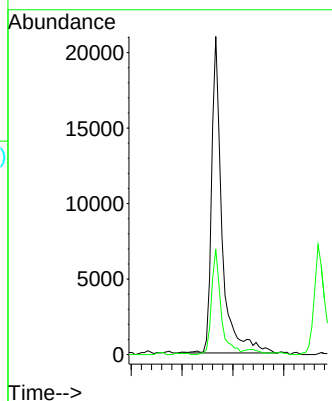
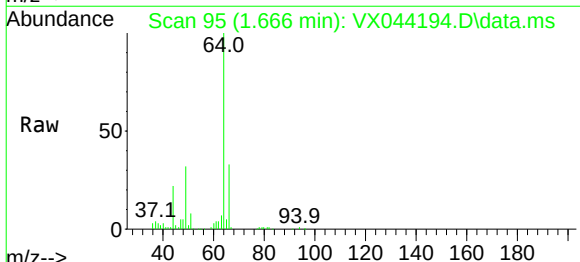
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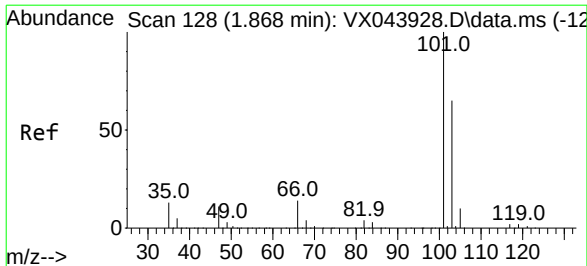
Reviewed By :John Carlone 12/10/2024
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#6
Chloroethane
Concen: 25.373 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX044194.D
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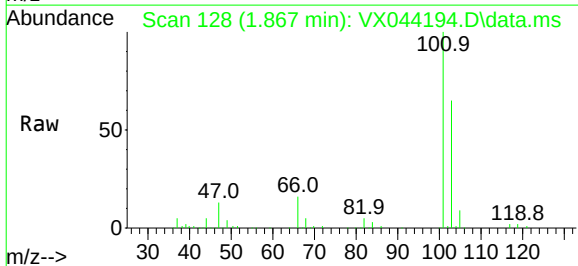
Tgt Ion: 64 Resp: 29761
Ion Ratio Lower Upper
64 100
66 32.9 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 19.847 ug/l
 RT: 1.867 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: VX044194.D
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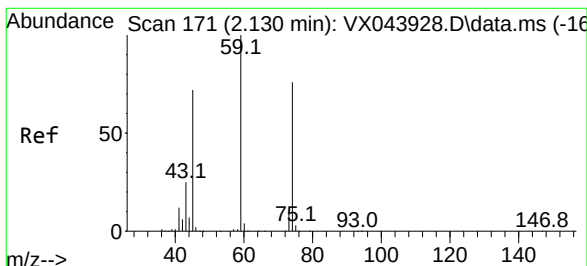
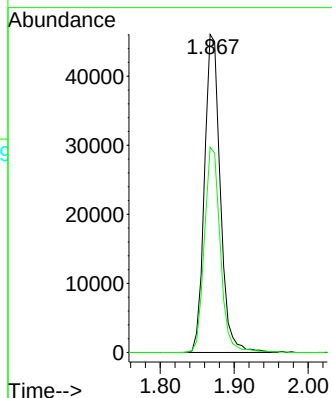
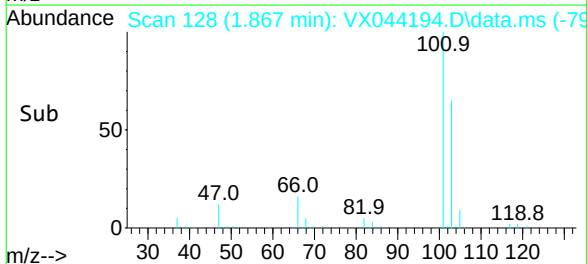
Instrument :
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Tgt Ion:101 Resp: 68304
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.2 78.2

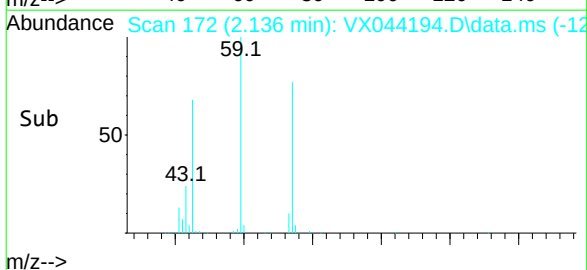
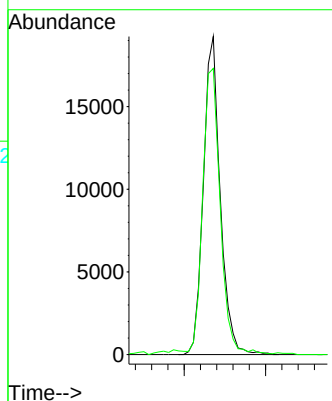
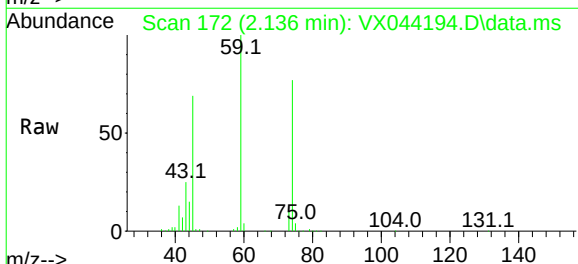
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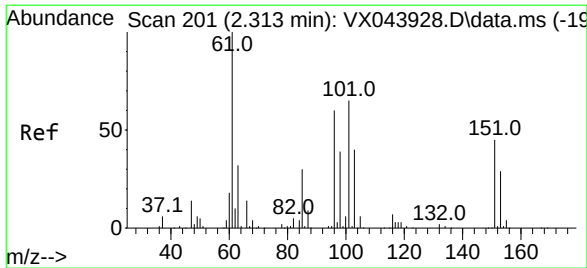
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#8
 Diethyl Ether
 Concen: 22.047 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 27655
 Ion Ratio Lower Upper
 74 100
 45 92.8 47.9 143.6





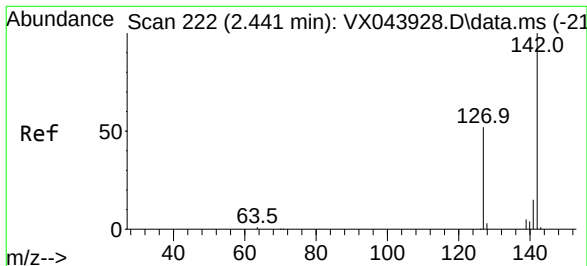
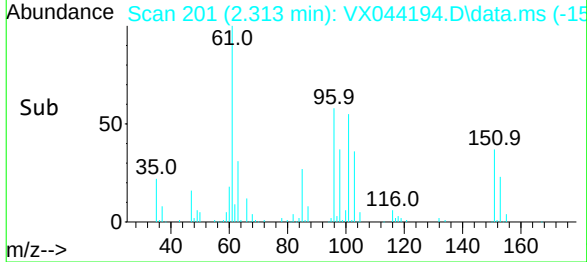
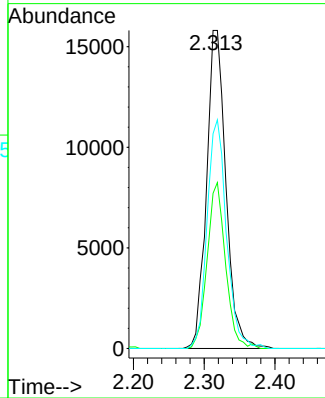
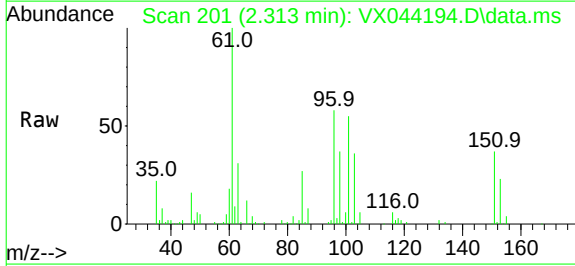
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.345 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
85	49.4	37.9	56.9
151	72.0	57.5	86.3

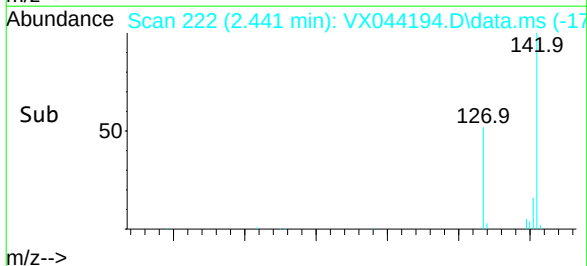
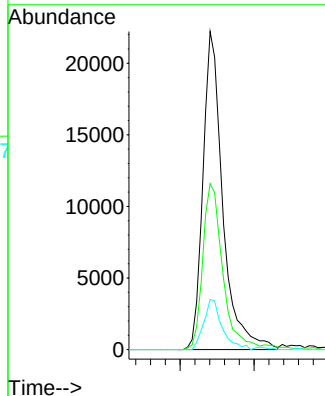
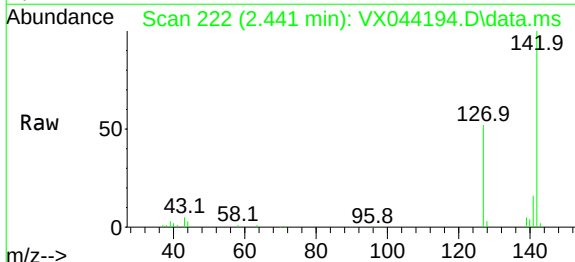
Manual Integrations
APPROVED

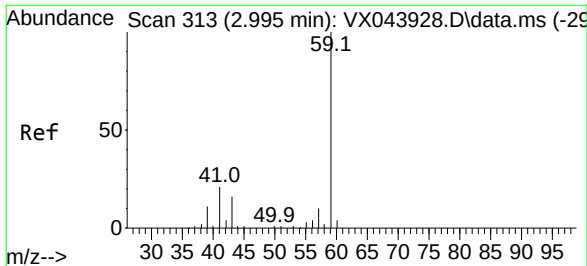
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#10
Methyl Iodide
Concen: 20.140 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion	Ratio	Lower	Upper
142	100		
127	52.4	40.7	61.1
141	14.7	12.0	18.0





#11

Tert butyl alcohol

Concen: 102.855 ug/l

RT: 2.989 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion: 59 Resp: 38441

Ion Ratio Lower Upper

59 100

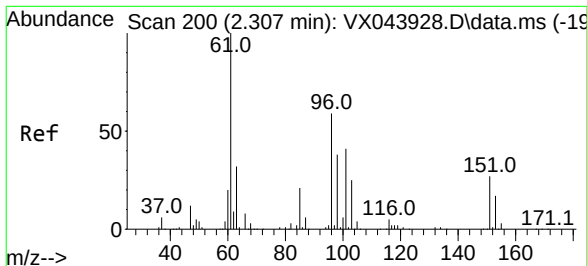
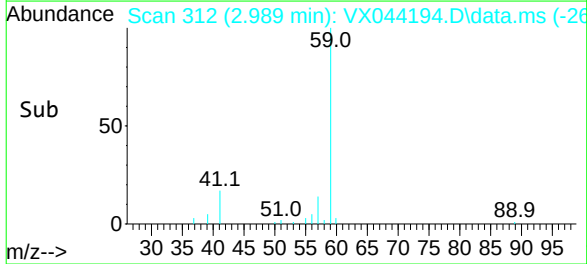
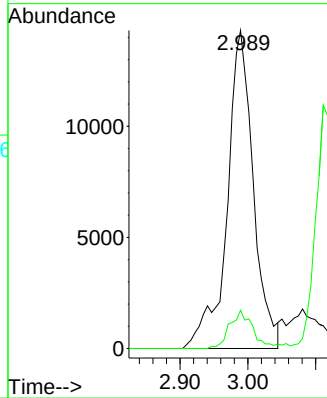
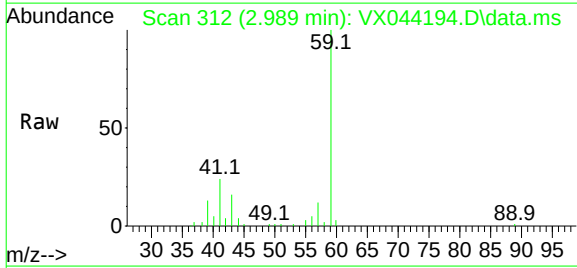
57 10.4 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#12

1,1-Dichloroethene

Concen: 19.107 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

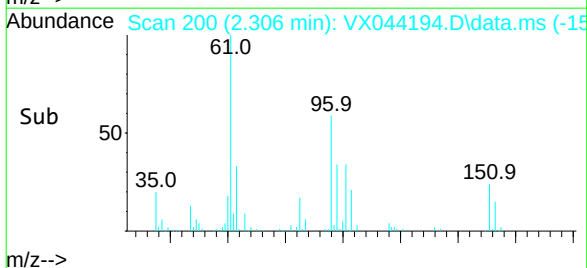
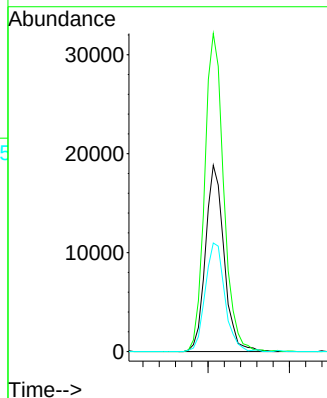
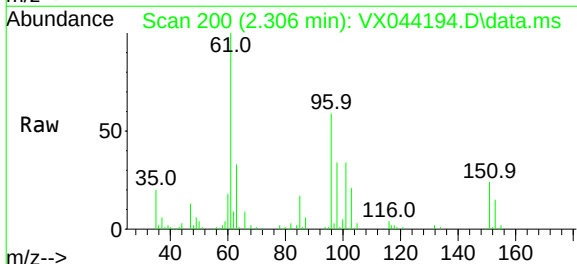
Tgt Ion: 96 Resp: 29889

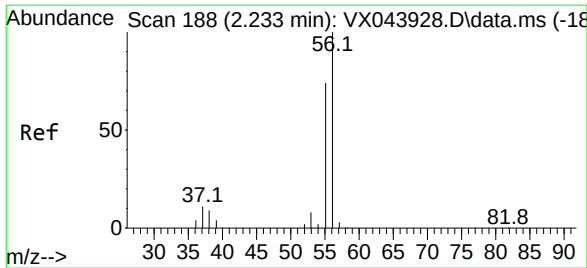
Ion Ratio Lower Upper

96 100

61 170.6 135.5 203.3

98 58.3 50.8 76.2





#13

Acrolein

Concen: 81.950 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion: 56 Resp: 32283

Ion Ratio Lower Upper

56 100

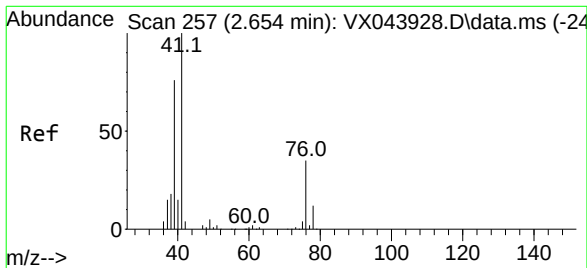
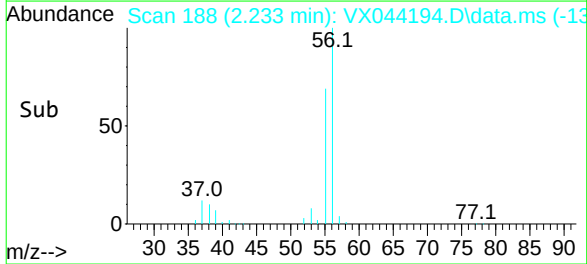
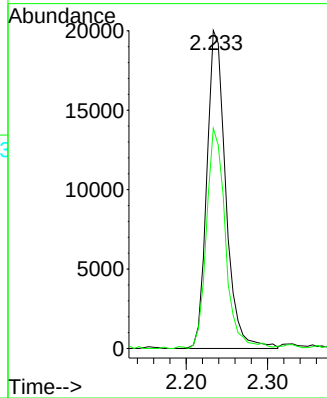
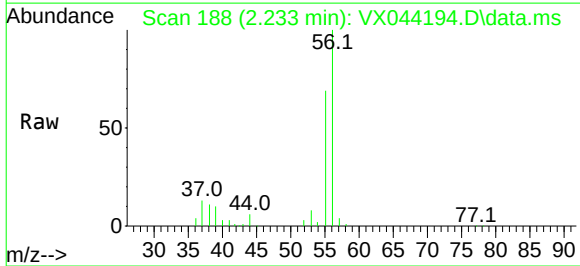
55 69.3 58.2 87.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#14

Allyl chloride

Concen: 19.944 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.006 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

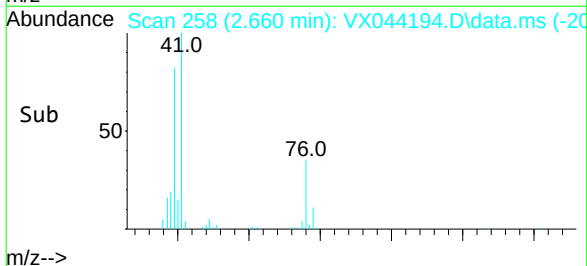
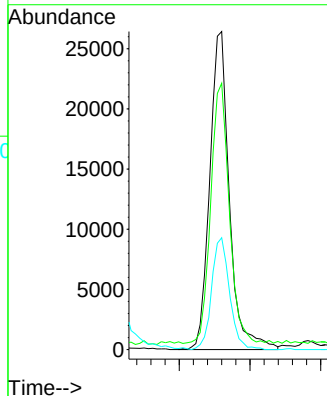
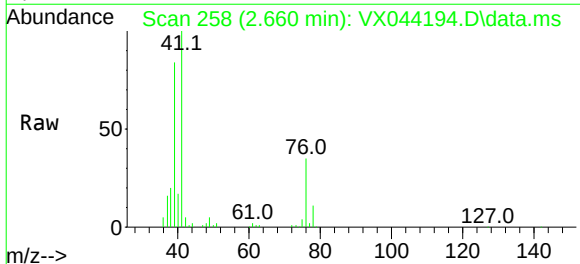
Tgt Ion: 41 Resp: 50978

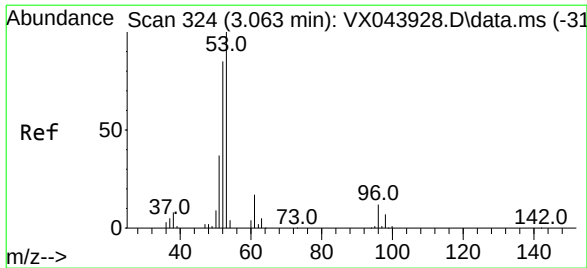
Ion Ratio Lower Upper

41 100

39 77.0 59.5 89.3

76 32.0 27.4 41.2





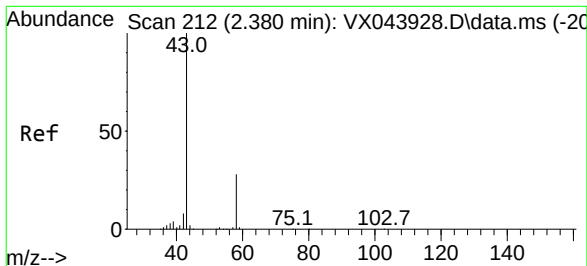
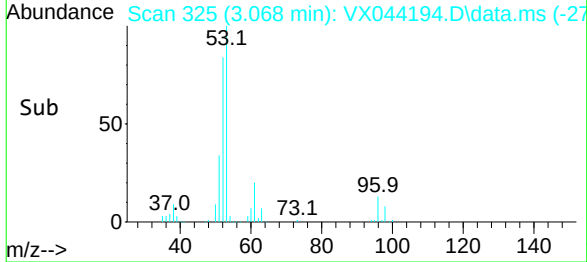
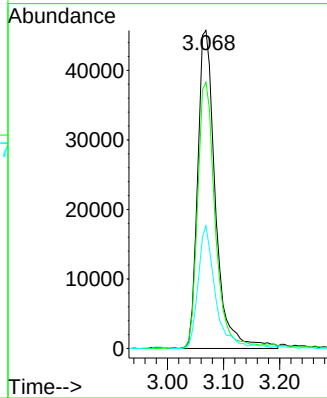
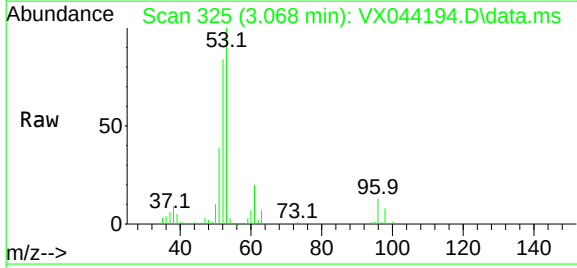
#15
Acrylonitrile
Concen: 110.322 ug/l
RT: 3.068 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 53 Resp: 100479
Ion Ratio Lower Upper
53 100
52 82.5 66.5 99.7
51 36.9 30.2 45.4

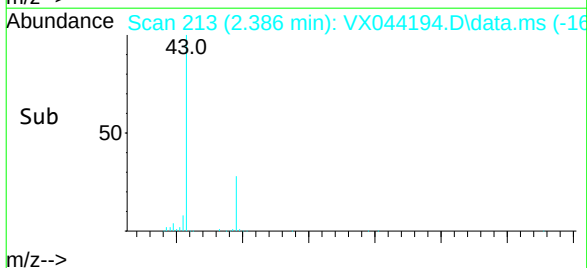
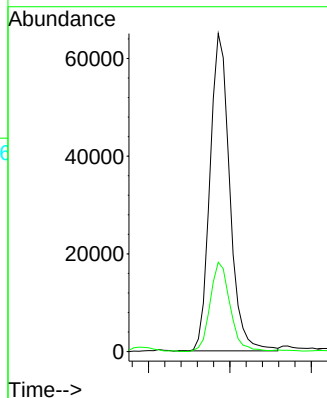
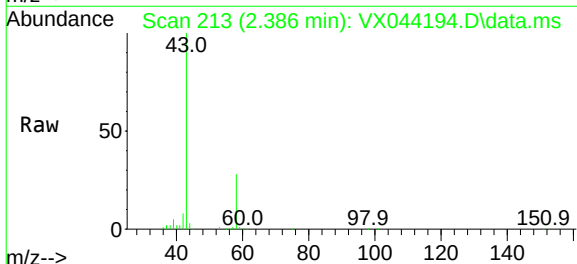
Manual Integrations
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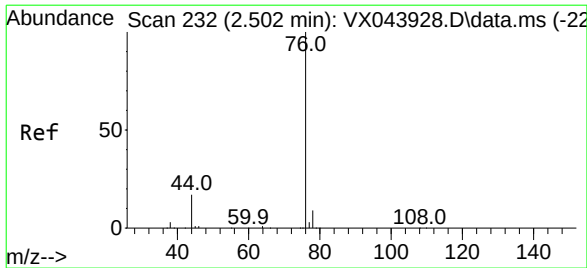
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#16
Acetone
Concen: 102.392 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion: 43 Resp: 109503
Ion Ratio Lower Upper
43 100
58 28.1 22.7 34.1





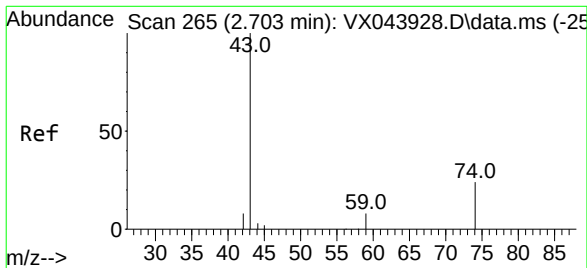
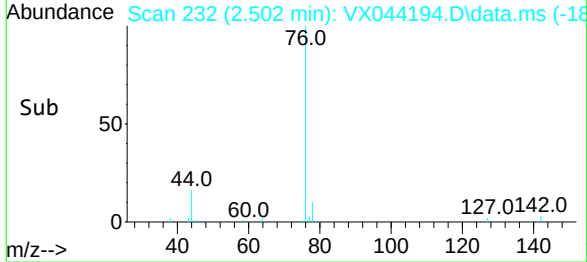
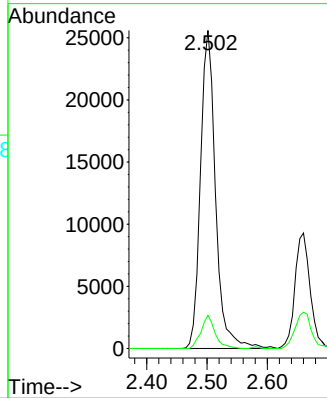
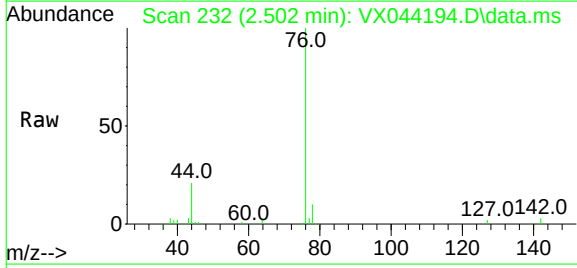
#17
Carbon Disulfide
Concen: 13.770 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 76 Resp: 44433
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.6

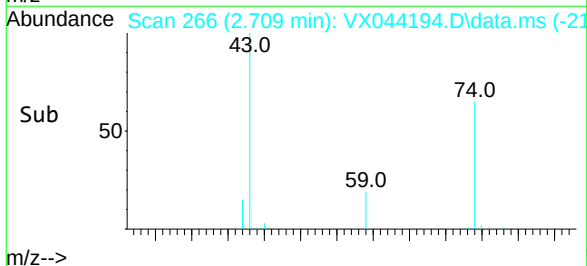
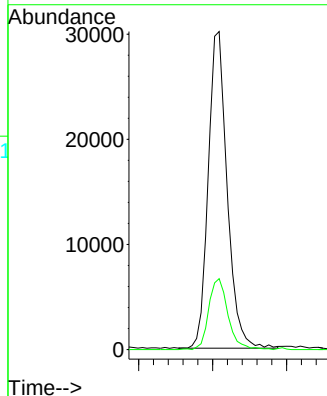
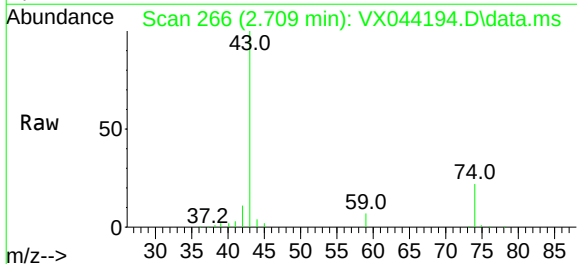
Manual Integrations
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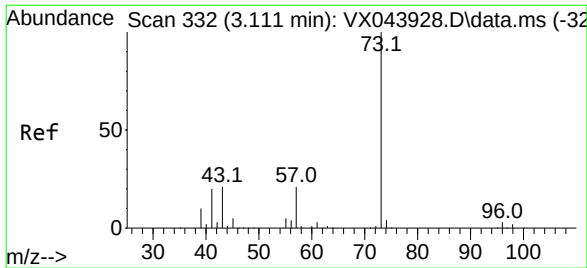
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#18
Methyl Acetate
Concen: 21.484 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion: 43 Resp: 53505
Ion Ratio Lower Upper
43 100
74 22.8 18.9 28.3





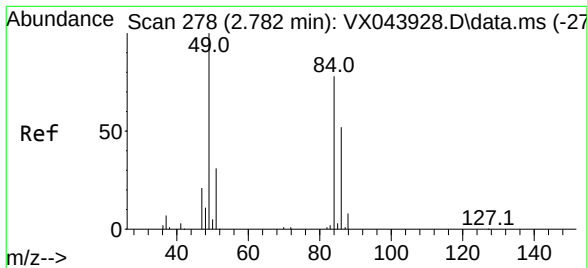
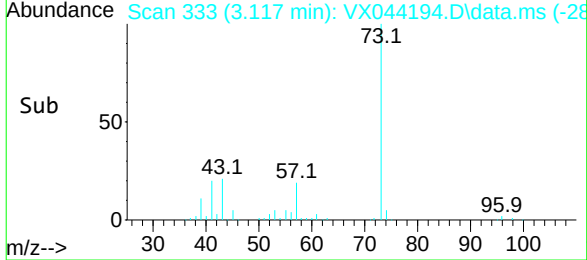
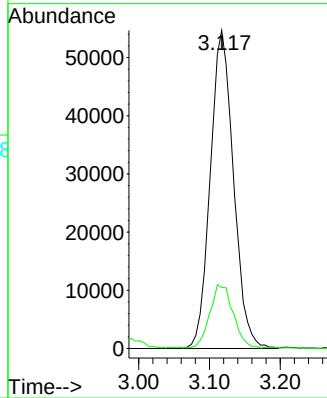
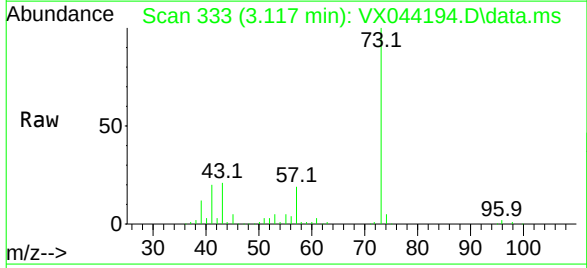
#19
Methyl tert-butyl Ether
Concen: 21.944 ug/l
RT: 3.117 min Scan# 332
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 73 Resp: 124639
Ion Ratio Lower Upper
73 100
57 18.9 17.0 25.6

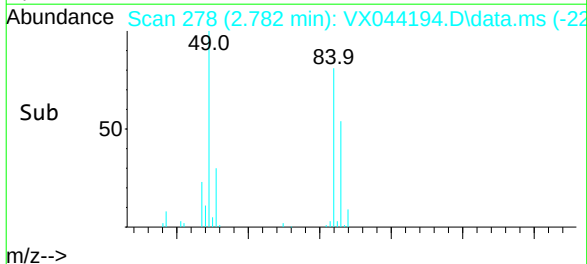
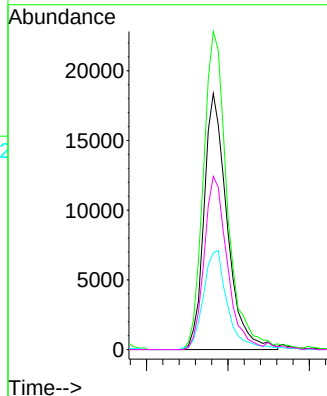
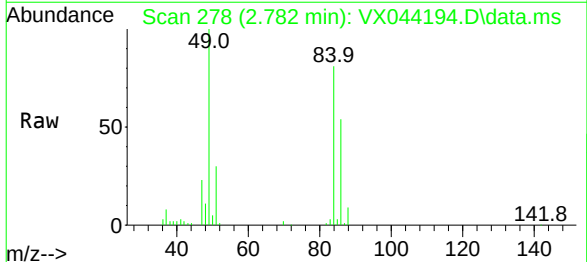
Manual Integrations
APPROVED

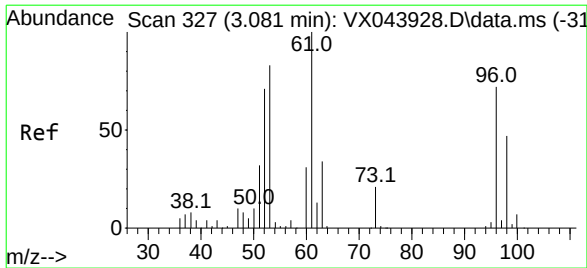
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#20
Methylene Chloride
Concen: 19.940 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

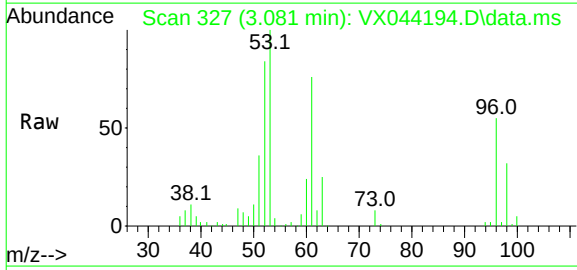
Tgt Ion: 84 Resp: 36188
Ion Ratio Lower Upper
84 100
49 124.2 102.7 154.1
51 37.8 31.7 47.5
86 67.6 53.9 80.9





#21
trans-1,2-Dichloroethene
Concen: 19.504 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

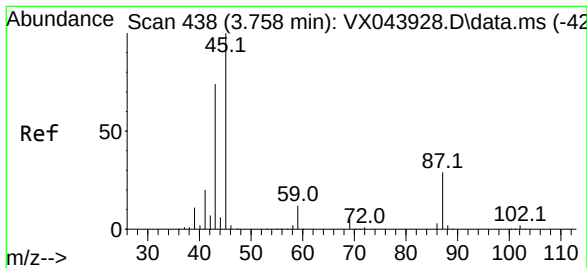
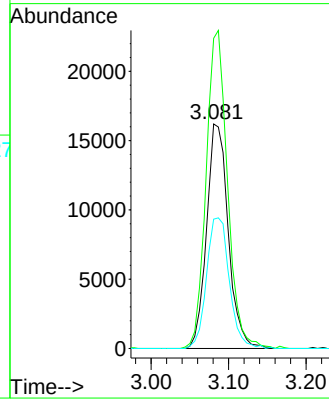
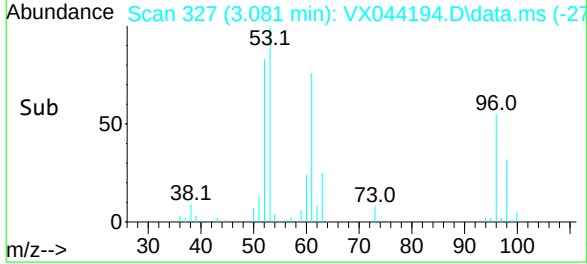
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



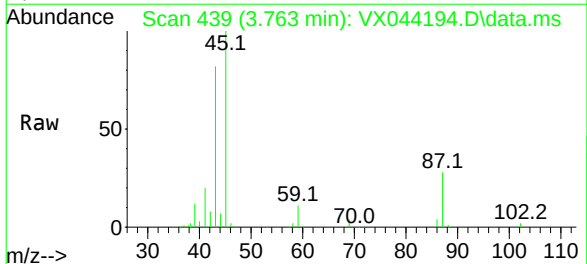
Tgt Ion: 96 Resp: 31501
Ion Ratio Lower Upper
96 100
61 138.2 111.8 167.6
98 57.6 52.7 79.1

Manual Integrations
APPROVED

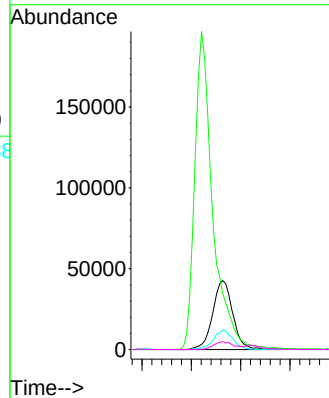
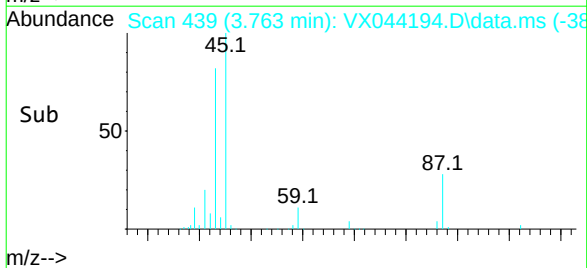
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024

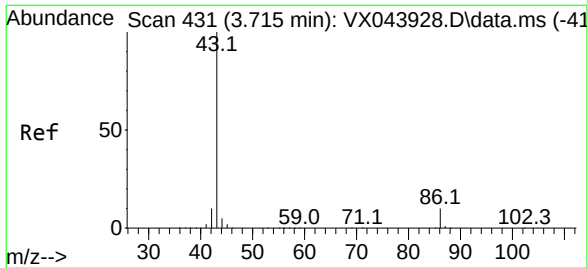


#22
Diisopropyl ether
Concen: 22.043 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37



Tgt Ion: 45 Resp: 120480
Ion Ratio Lower Upper
45 100
43 81.2 59.6 89.4
87 28.4 22.9 34.3
59 11.5 9.8 14.6





#23

Vinyl Acetate

Concen: 106.772 ug/l

RT: 3.721 min Scan# 431

Delta R.T. 0.006 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion: 43 Resp: 499223

Ion Ratio Lower Upper

43 100

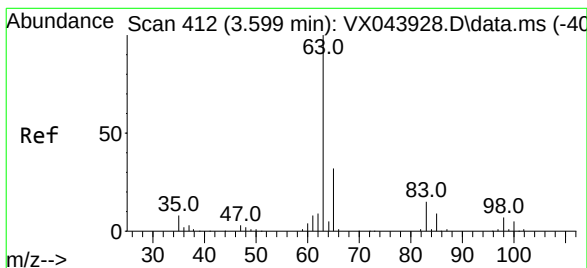
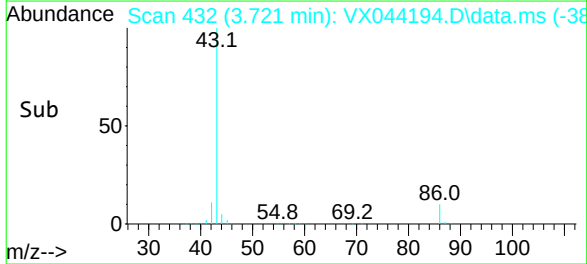
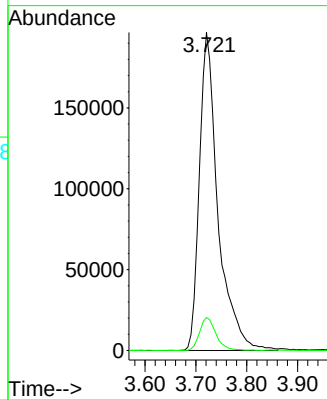
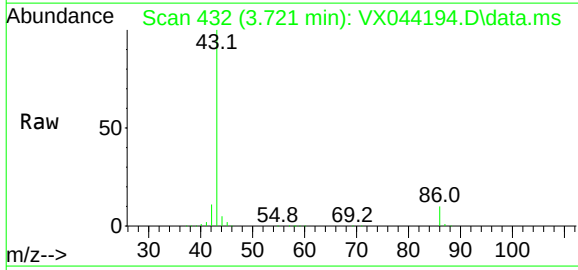
86 10.3 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#24

1,1-Dichloroethane

Concen: 21.208 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.006 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

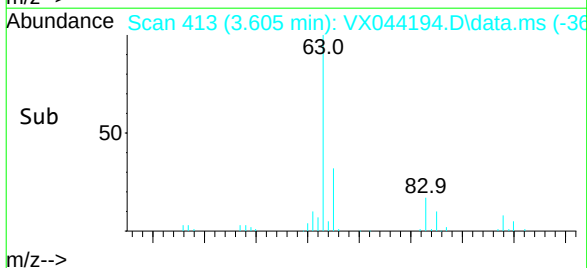
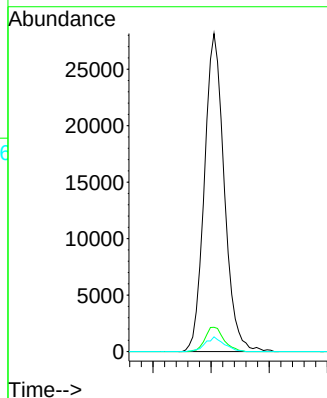
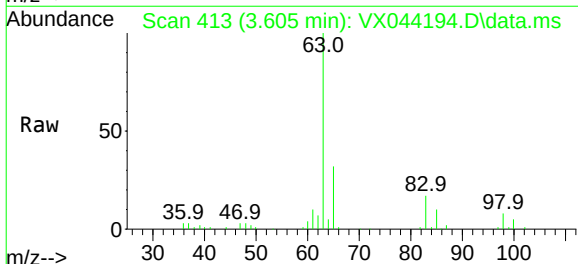
Tgt Ion: 63 Resp: 66871

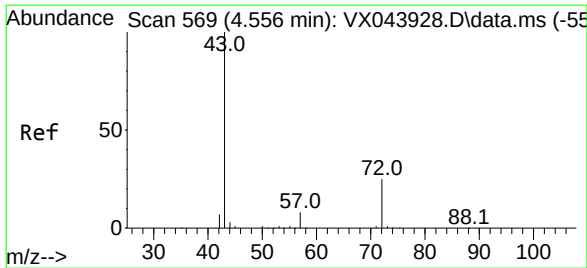
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.6

100 4.6 2.4 7.1





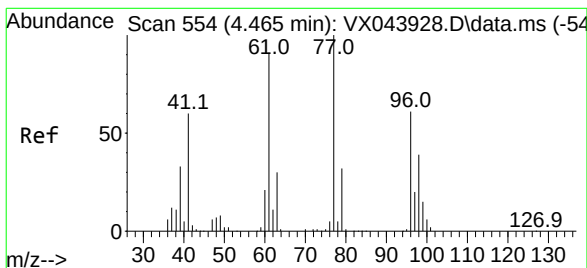
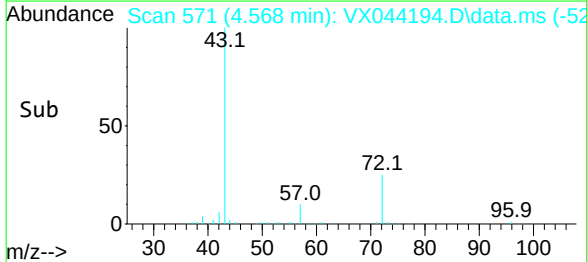
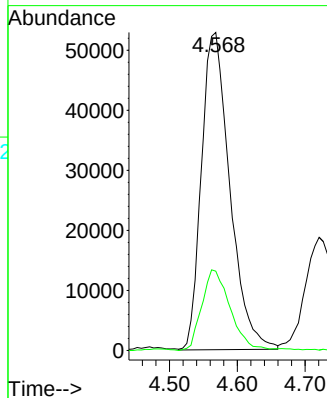
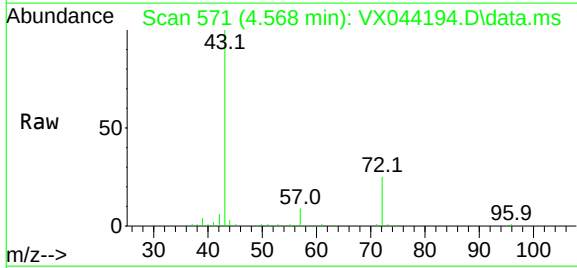
#25
2-Butanone
Concen: 111.678 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 43 Resp: 154107
Ion Ratio Lower Upper
43 100
72 25.0 20.2 30.2

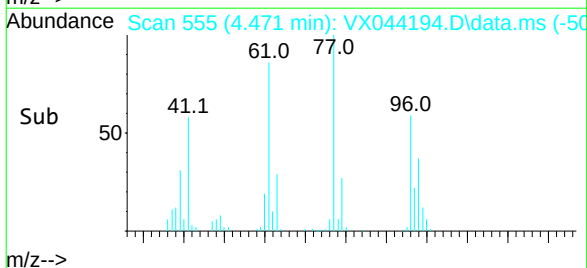
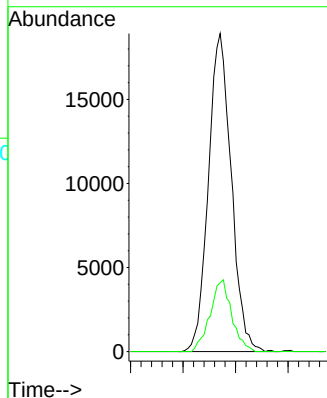
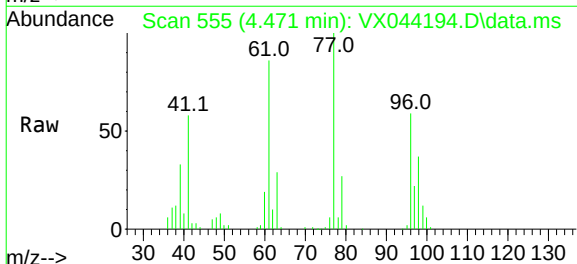
Manual Integrations
APPROVED

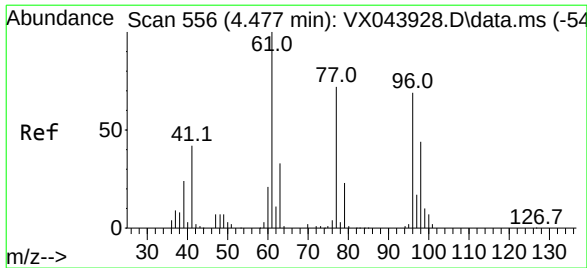
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#26
2,2-Dichloropropane
Concen: 20.046 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

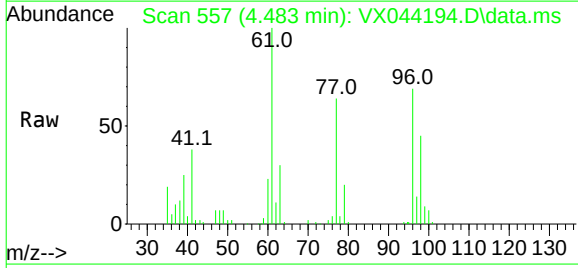
Tgt Ion: 77 Resp: 57084
Ion Ratio Lower Upper
77 100
97 21.3 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 21.285 ug/l
RT: 4.483 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

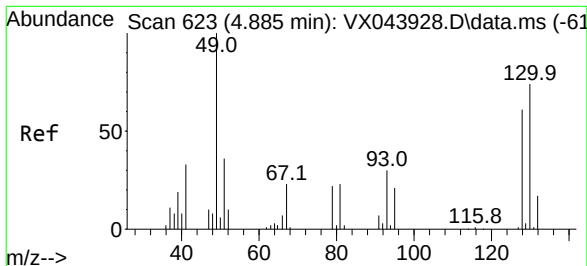
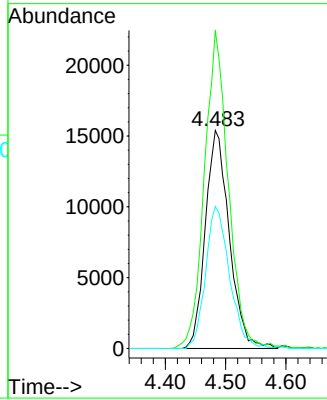
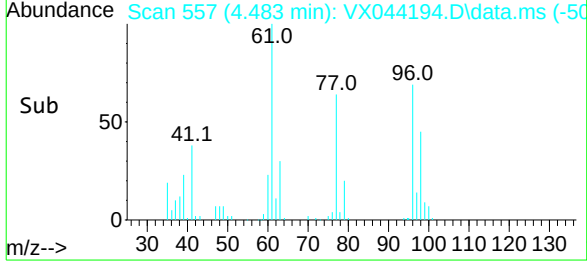
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



Tgt Ion: 96 Resp: 42493
Ion Ratio Lower Upper
96 100
61 145.8 0.0 297.4
98 65.1 0.0 127.8

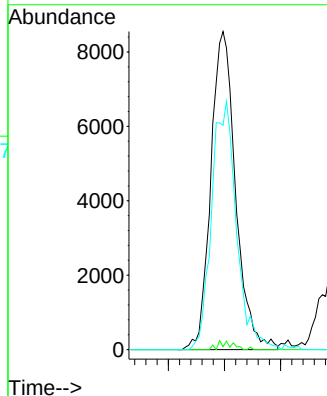
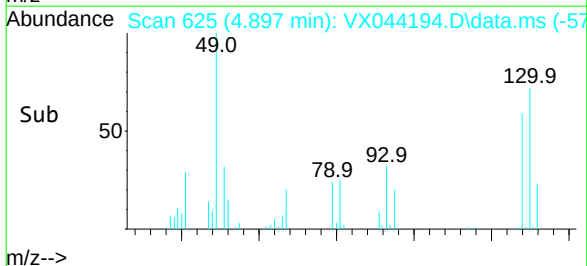
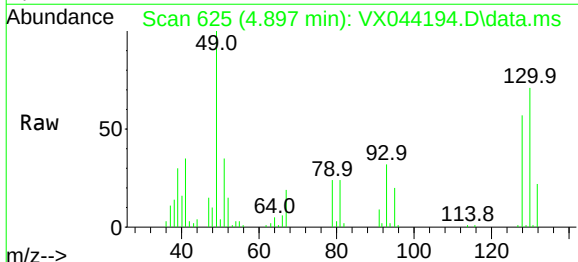
Manual Integrations
APPROVED

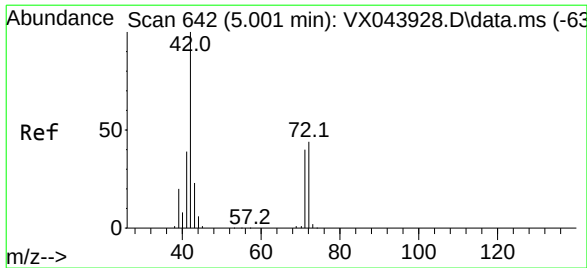
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#28
Bromochloromethane
Concen: 18.884 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.012 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion: 49 Resp: 26209
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.0
130 78.2 59.0 88.6





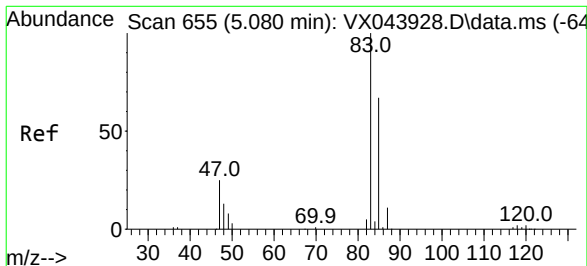
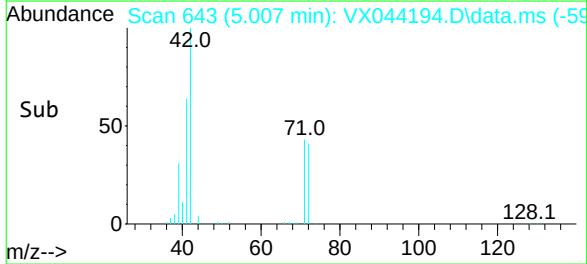
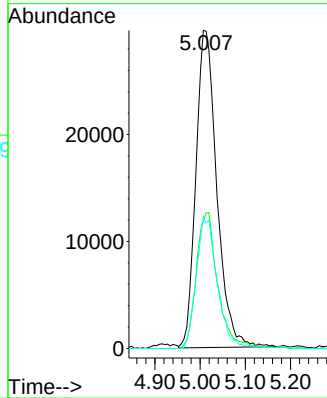
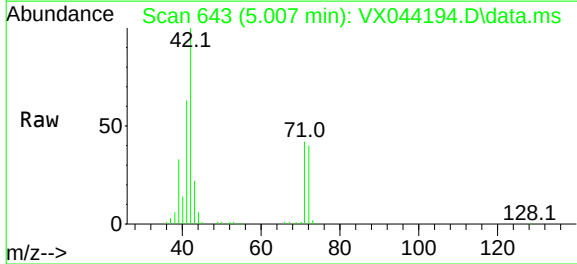
#29
Tetrahydrofuran
Concen: 112.677 ug/l
RT: 5.007 min Scan# 64
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 42 Resp: 95322
Ion Ratio Lower Upper
42 100
72 43.6 36.4 54.6
71 41.4 33.4 50.0

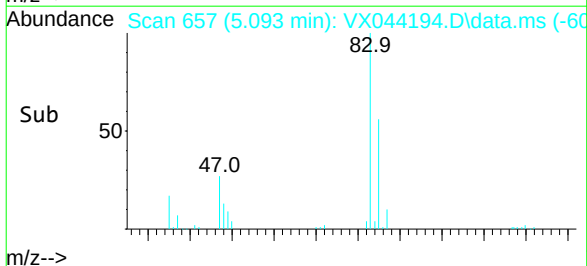
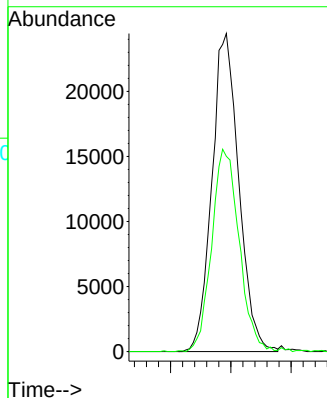
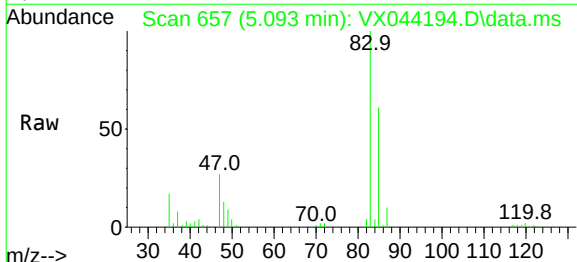
Manual Integrations
APPROVED

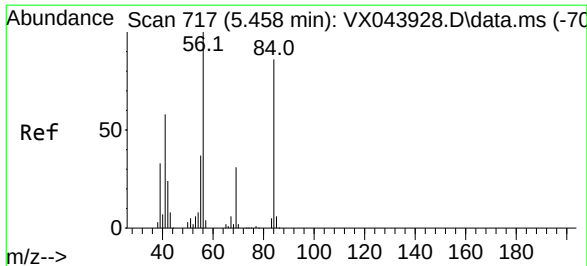
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#30
Chloroform
Concen: 22.344 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.012 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion: 83 Resp: 75775
Ion Ratio Lower Upper
83 100
85 61.2 53.5 80.3





#31

Cyclohexane

Concen: 18.811 ug/l

RT: 5.464 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX044194.D

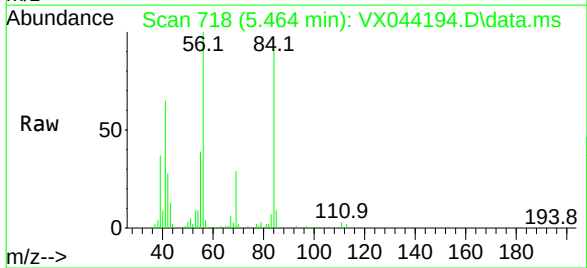
Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01



Tgt Ion: 56 Resp: 48818

Ion Ratio Lower Upper

56 100

69 29.5 24.7 37.1

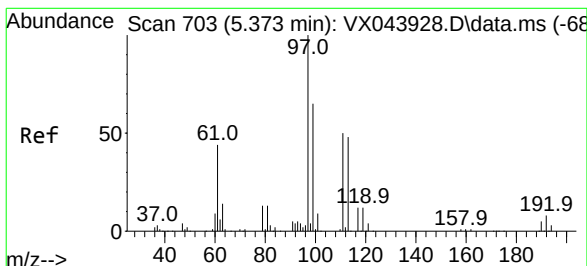
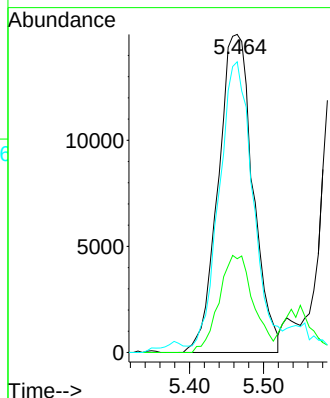
84 88.5 68.7 103.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#32

1,1,1-Trichloroethane

Concen: 21.257 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

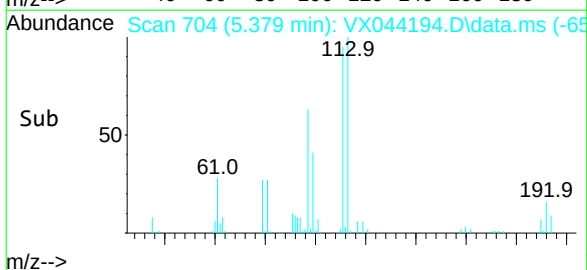
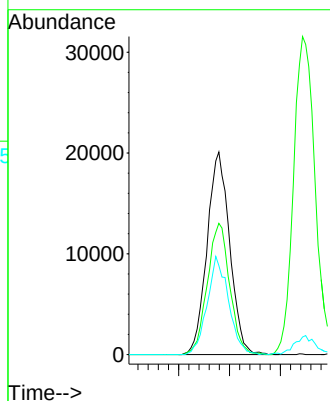
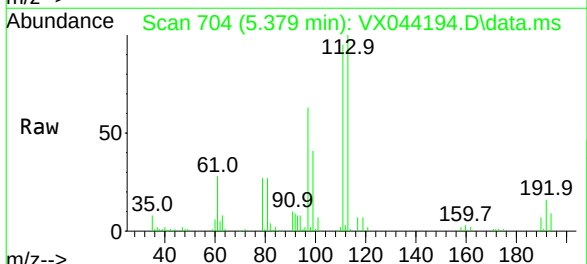
Tgt Ion: 97 Resp: 62168

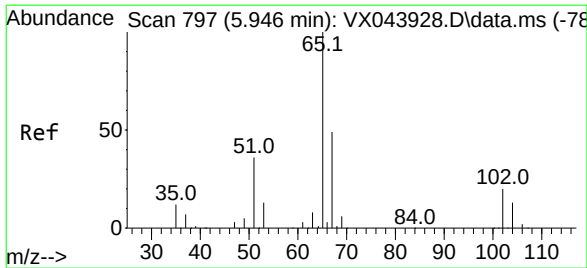
Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

61 45.6 35.4 53.2





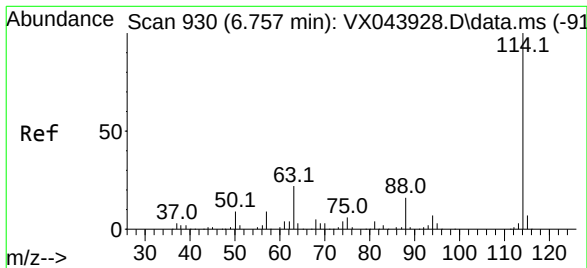
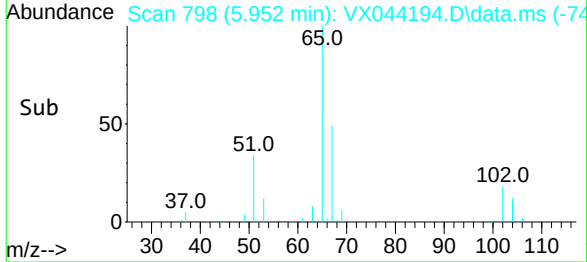
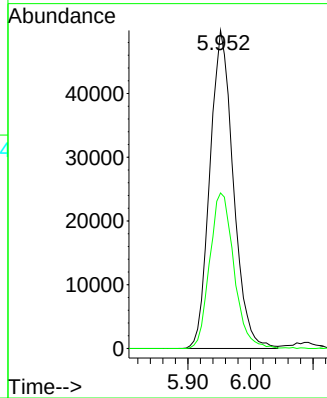
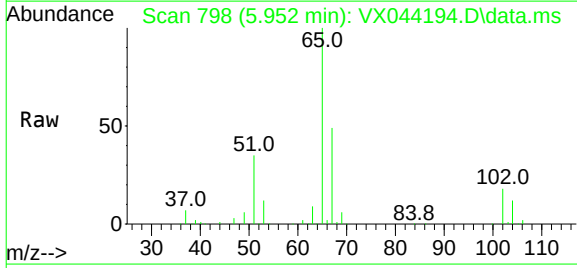
#33
1,2-Dichloroethane-d4
Concen: 55.739 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 65 Resp: 129787
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.8

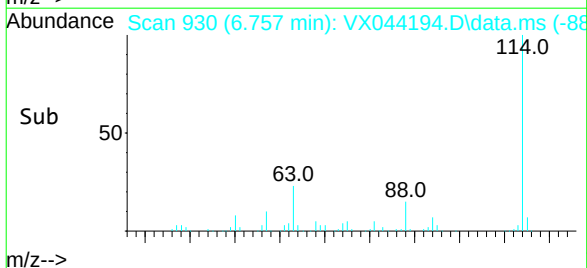
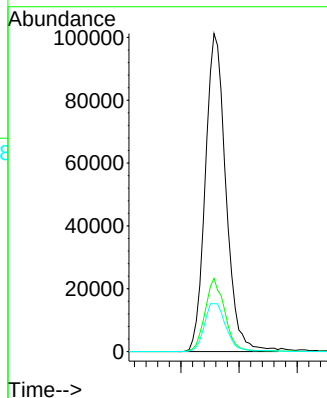
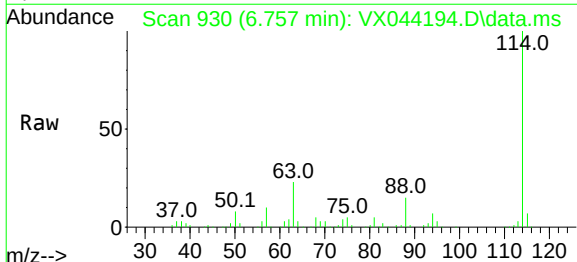
Manual Integrations
APPROVED

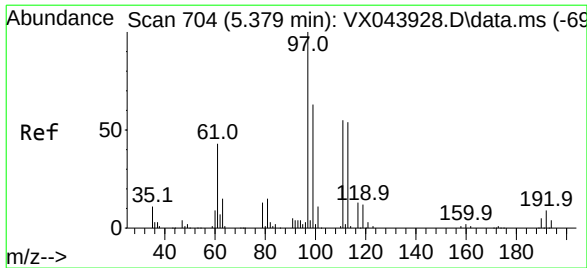
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion:114 Resp: 248673
Ion Ratio Lower Upper
114 100
63 23.0 0.0 44.0
88 15.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.041 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion:113 Resp: 92471

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.4

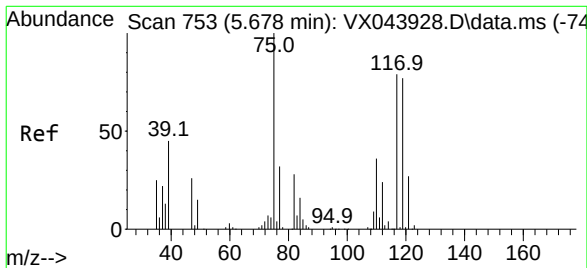
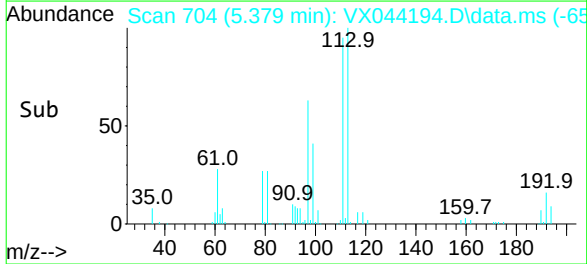
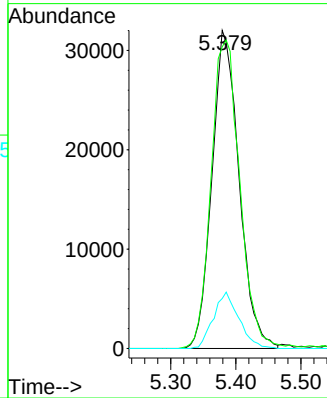
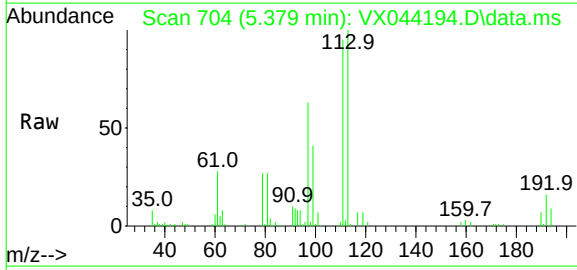
192 16.7 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#36

1,1-Dichloropropene

Concen: 19.838 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.012 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

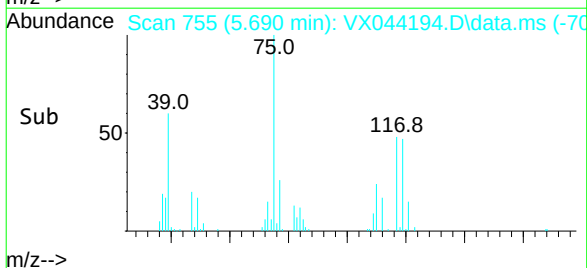
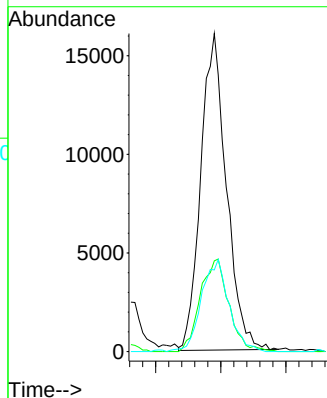
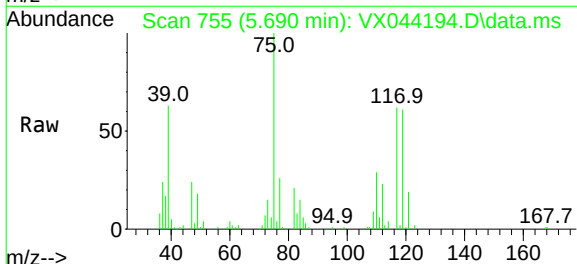
Tgt Ion: 75 Resp: 43925

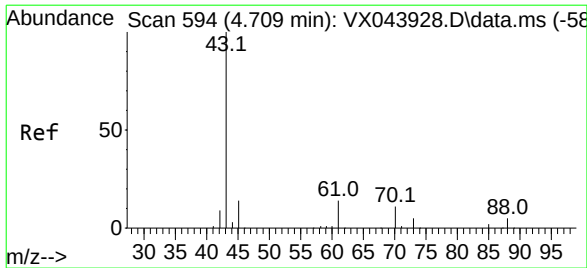
Ion Ratio Lower Upper

75 100

110 32.5 17.4 52.2

77 31.1 25.8 38.8





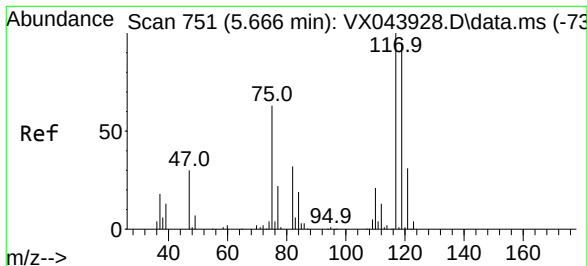
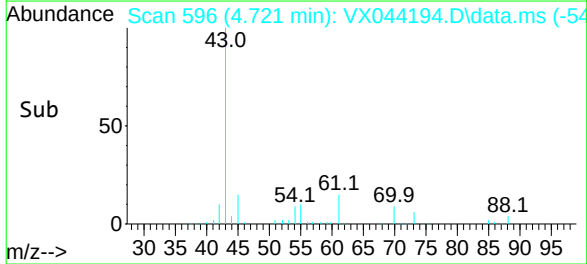
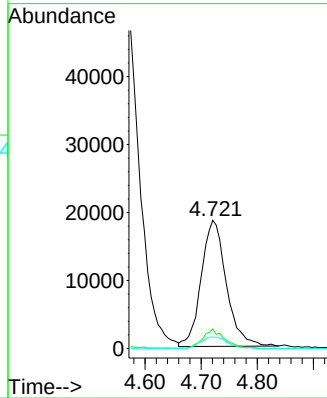
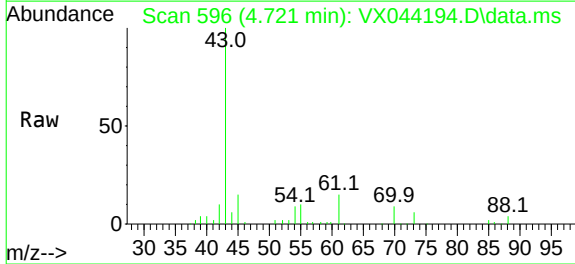
#37
Ethyl Acetate
Concen: 20.961 ug/l
RT: 4.721 min Scan# 594
Delta R.T. 0.012 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion:	43	Resp:	57613
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.7	16.1
70	9.7	8.0	12.0

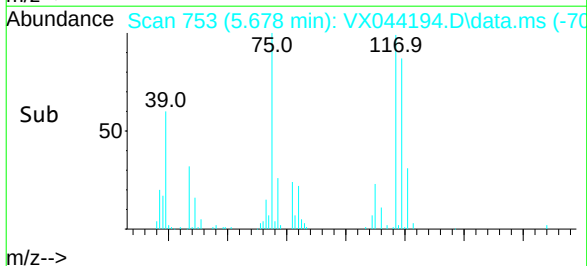
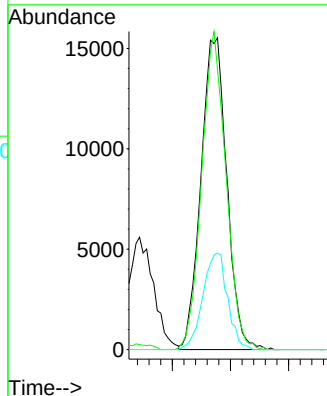
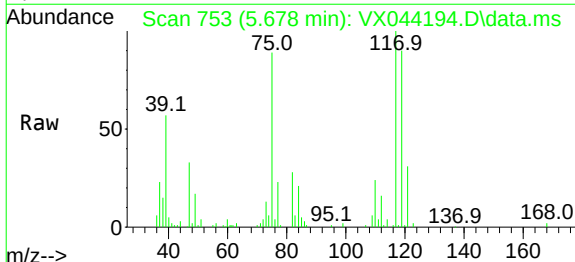
Manual Integrations
APPROVED

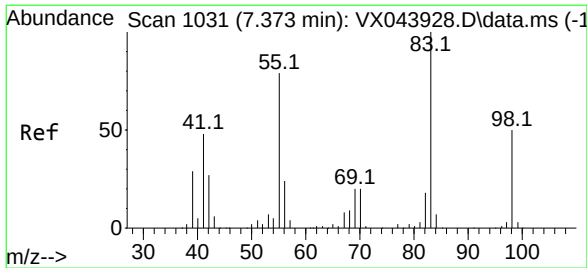
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#38
Carbon Tetrachloride
Concen: 19.358 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.012 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion:	117	Resp:	48162
Ion	Ratio	Lower	Upper
117	100		
119	89.8	75.2	112.8
121	30.9	24.5	36.7





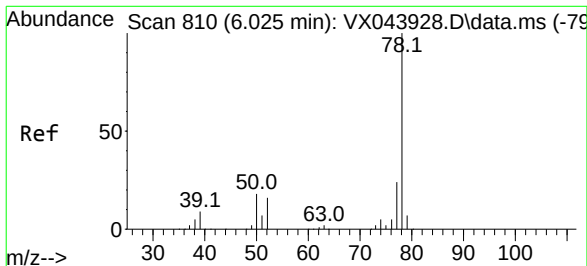
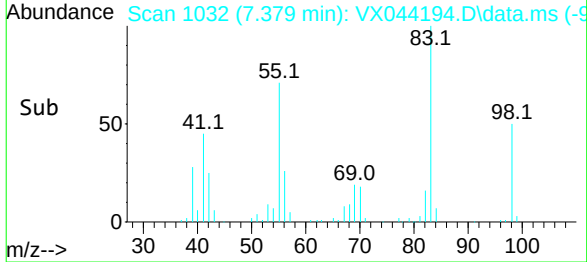
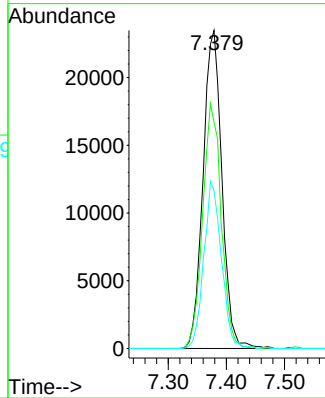
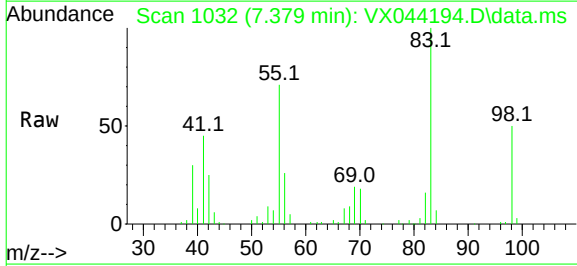
#39
Methylcyclohexane
Concen: 18.397 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 83 Resp: 52919
Ion Ratio Lower Upper
83 100
55 71.1 63.1 94.7
98 49.6 40.0 60.0

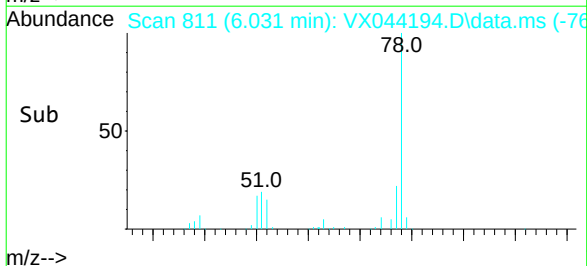
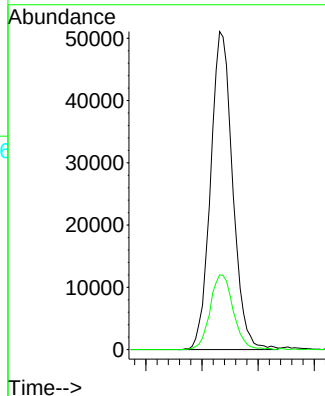
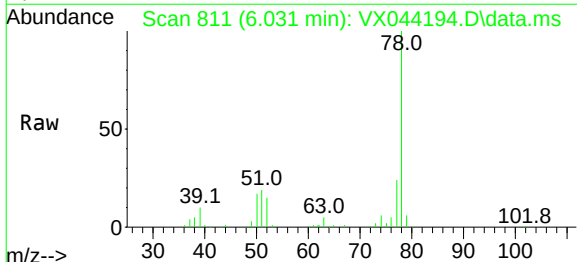
Manual Integrations
APPROVED

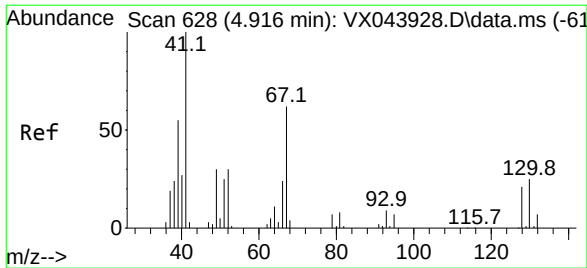
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#40
Benzene
Concen: 20.242 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion: 78 Resp: 139613
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8





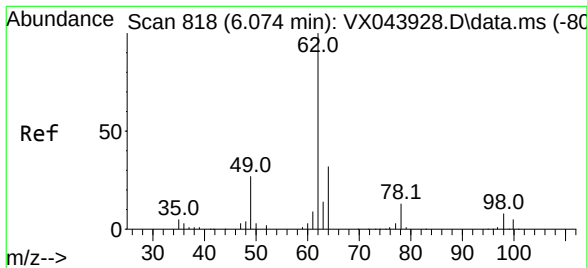
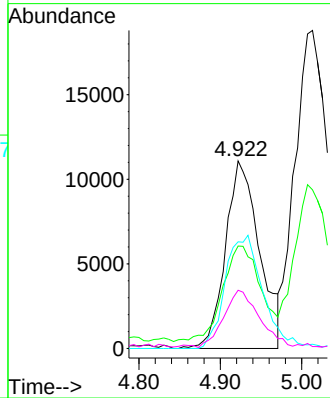
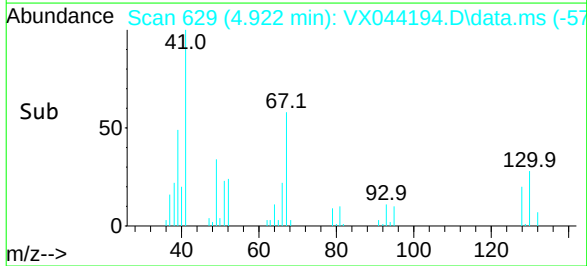
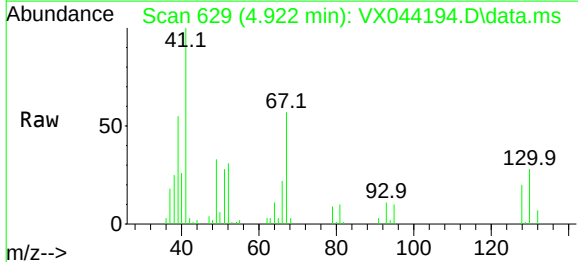
#41
Methacrylonitrile
Concen: 22.901 ug/l
RT: 4.922 min Scan# 62
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion:	41	Resp:	32217
Ion	Ratio	Lower	Upper
41	100		
39	57.4	41.7	62.5
67	67.1	55.8	83.8
52	31.8	24.0	36.0

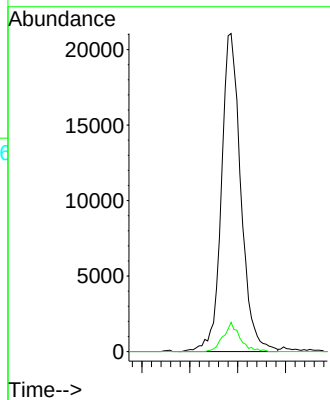
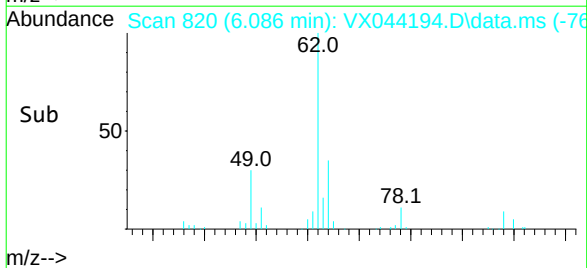
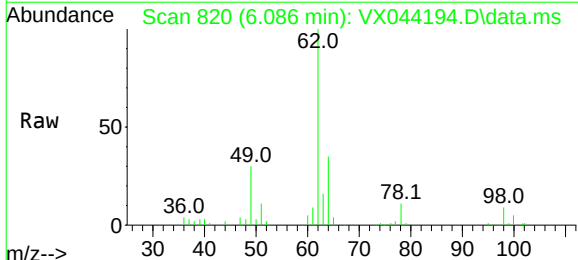
Manual Integrations
APPROVED

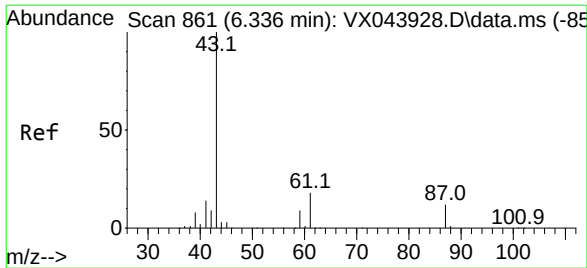
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#42
1,2-Dichloroethane
Concen: 21.488 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.012 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion:	62	Resp:	59522
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	16.4





#43

Isopropyl Acetate

Concen: 21.416 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

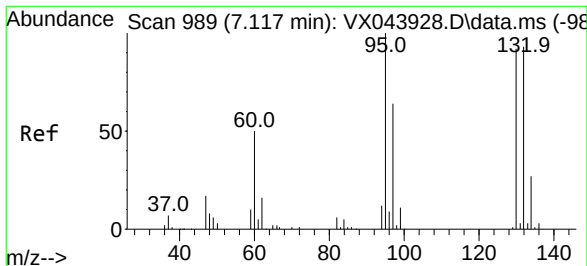
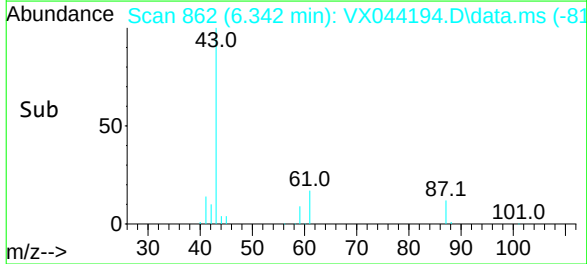
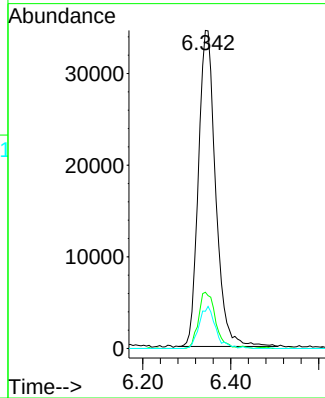
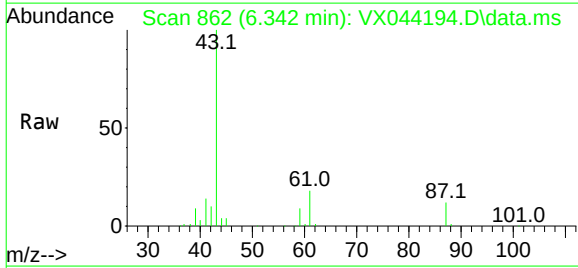
Tgt Ion:	43	Resp:	93678
Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.5	21.7
87	12.7	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#44

Trichloroethene

Concen: 17.932 ug/l

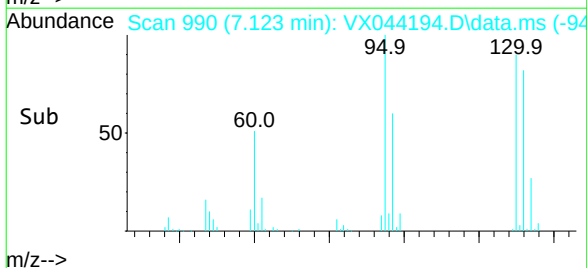
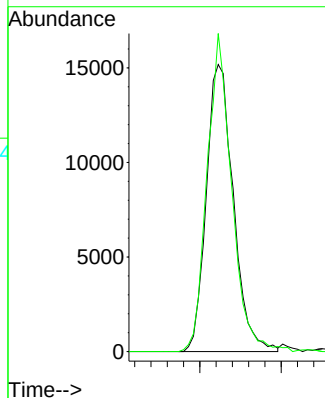
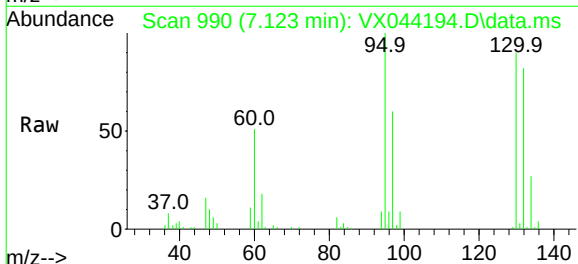
RT: 7.123 min Scan# 990

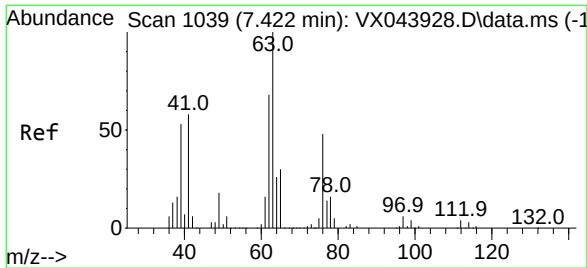
Delta R.T. 0.006 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

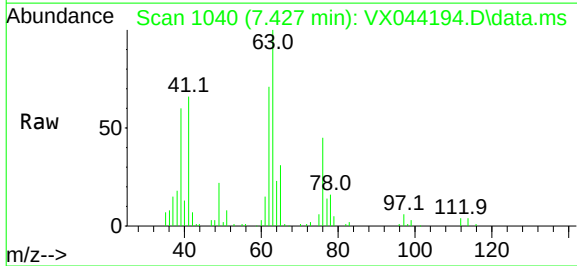
Tgt Ion:	130	Resp:	35012
Ion	Ratio	Lower	Upper
130	100		
95	110.8	0.0	217.8





#45
1,2-Dichloropropane
Concen: 19.955 ug/l
RT: 7.427 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

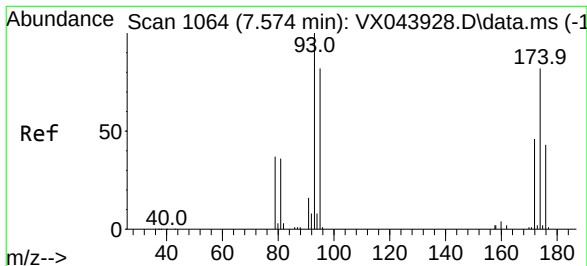
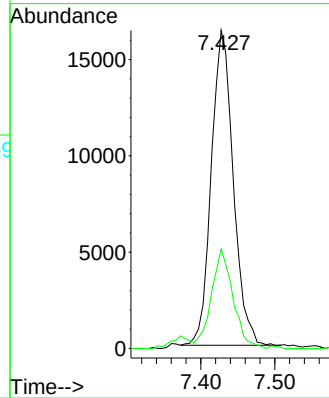
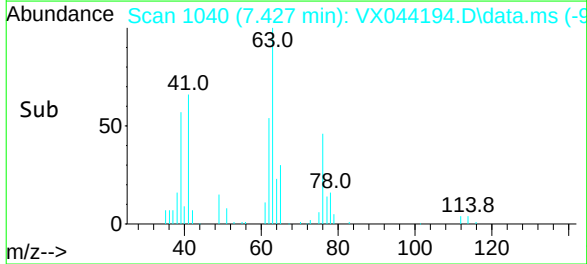
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



Tgt Ion: 63 Resp: 33709
Ion Ratio Lower Upper
63 100
65 31.1 23.8 35.6

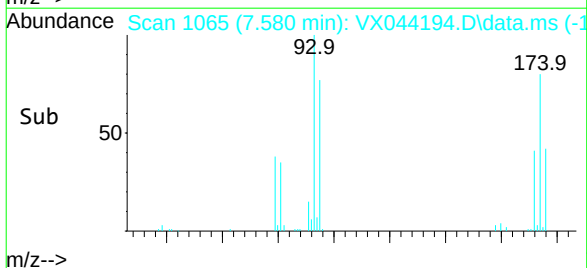
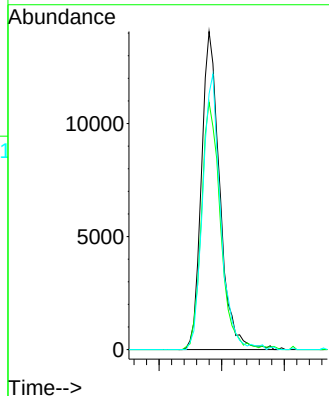
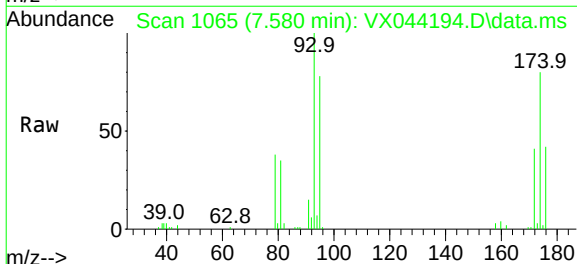
Manual Integrations
APPROVED

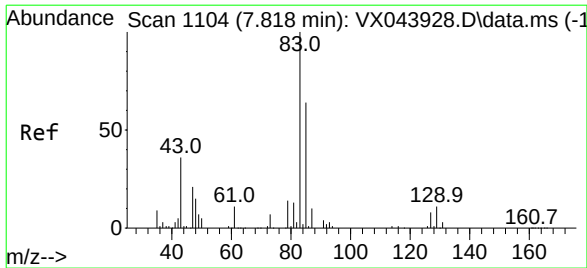
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#46
Dibromomethane
Concen: 21.376 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion: 93 Resp: 28564
Ion Ratio Lower Upper
93 100
95 80.3 66.2 99.4
174 85.4 69.6 104.4





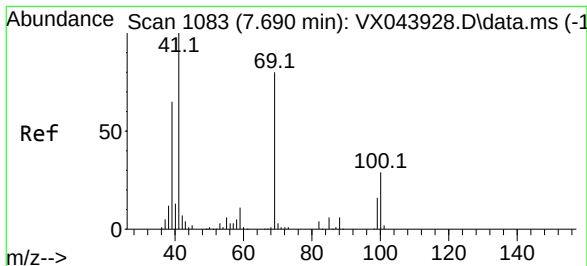
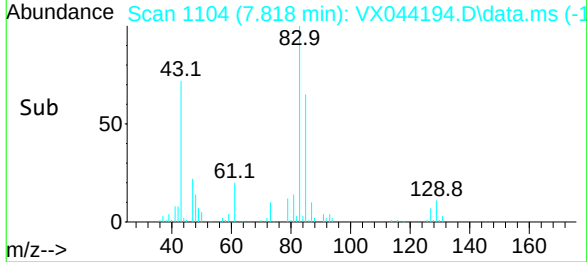
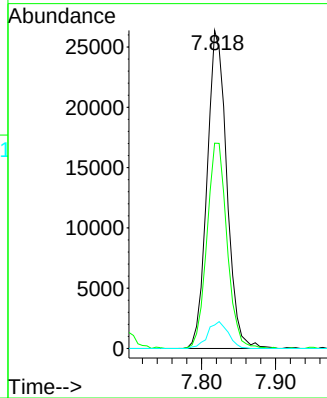
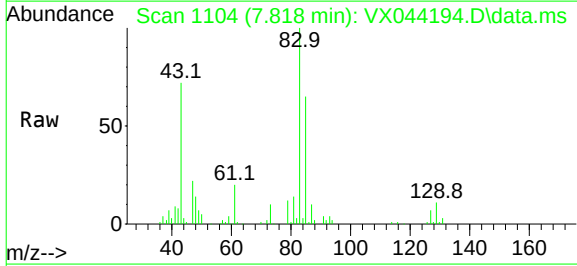
#47
Bromodichloromethane
Concen: 20.355 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 83 Resp: 48783
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.0
127 7.4 6.6 10.0

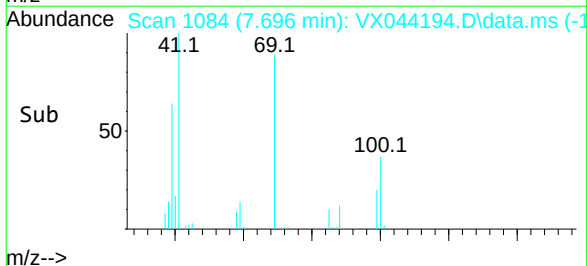
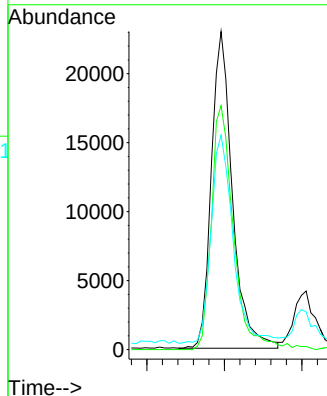
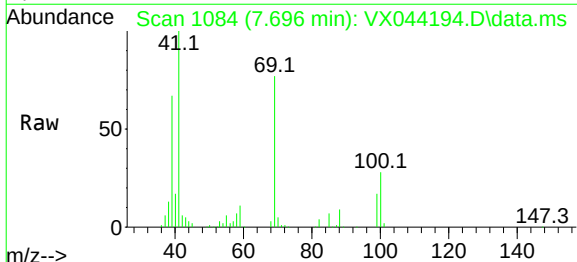
Manual Integrations
APPROVED

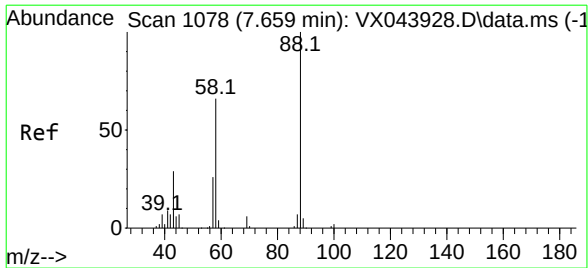
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#48
Methyl methacrylate
Concen: 20.669 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

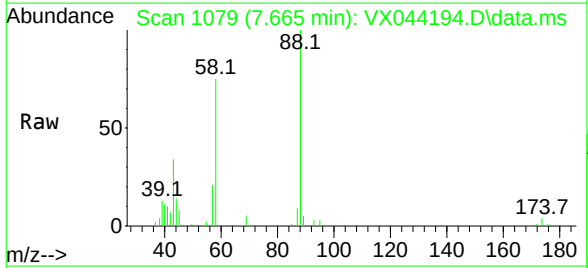
Tgt Ion: 41 Resp: 43383
Ion Ratio Lower Upper
41 100
69 81.3 64.6 97.0
39 67.8 53.3 79.9





#49
1,4-Dioxane
Concen: 312.640 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

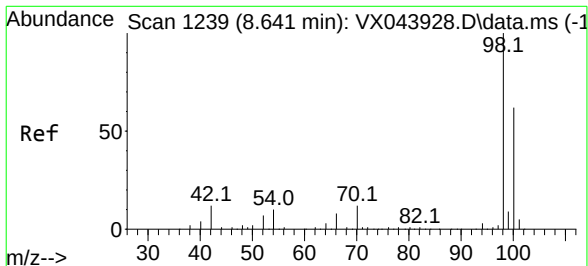
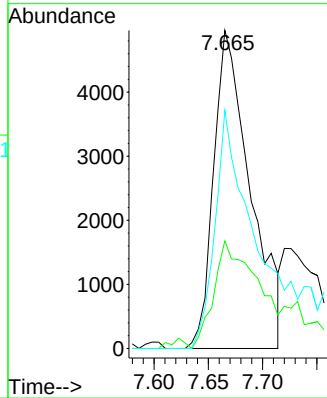
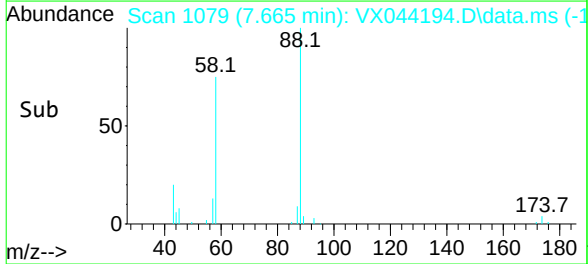
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



Tgt Ion: 88 Resp: 11689
Ion Ratio Lower Upper
88 100
43 40.1 26.8 40.2
58 96.9 45.4 68.2

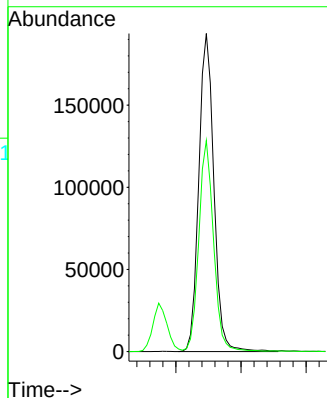
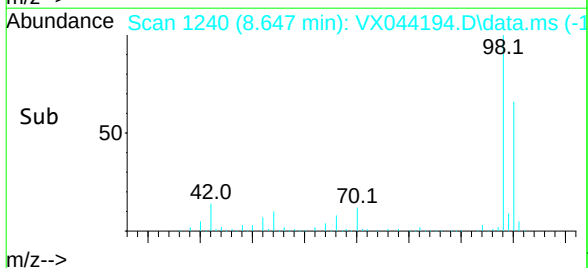
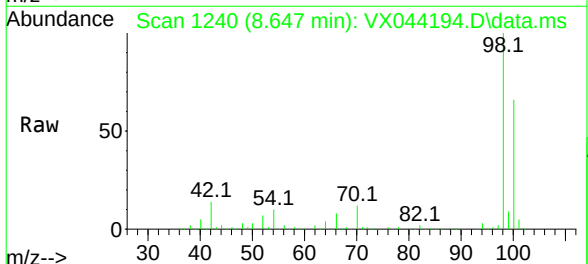
Manual Integrations
APPROVED

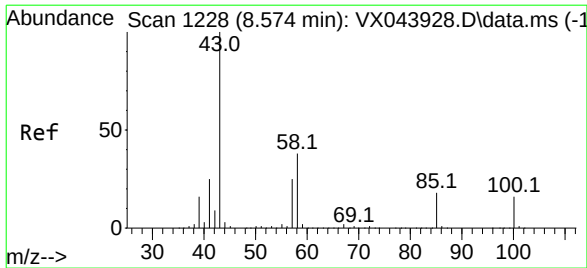
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#50
Toluene-d8
Concen: 50.866 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion: 98 Resp: 311560
Ion Ratio Lower Upper
98 100
100 64.5 52.6 79.0





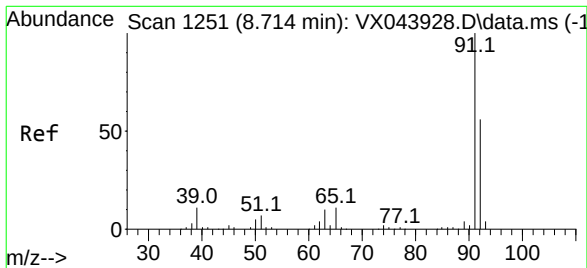
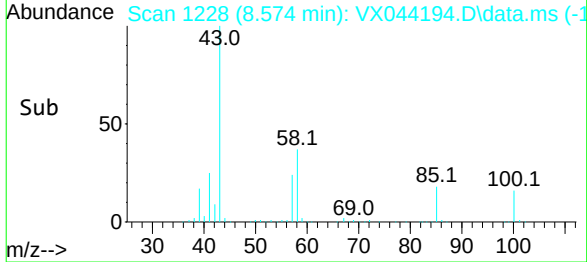
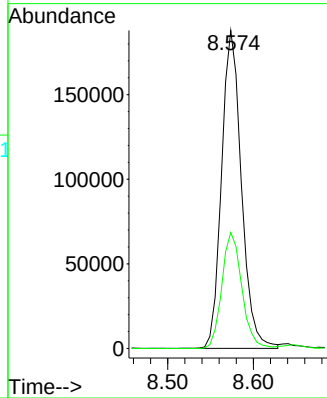
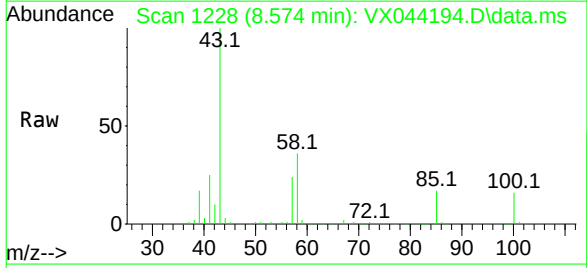
#51
4-Methyl-2-Pentanone
Concen: 113.171 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 43 Resp: 302094
Ion Ratio Lower Upper
43 100
58 36.7 30.0 45.0

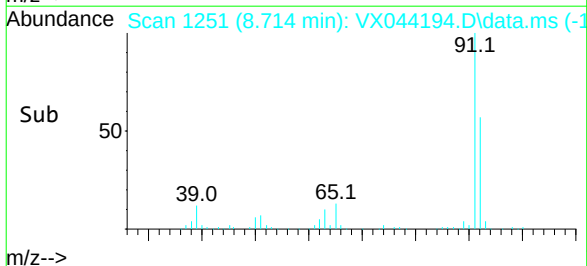
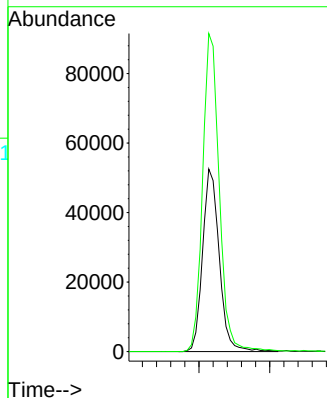
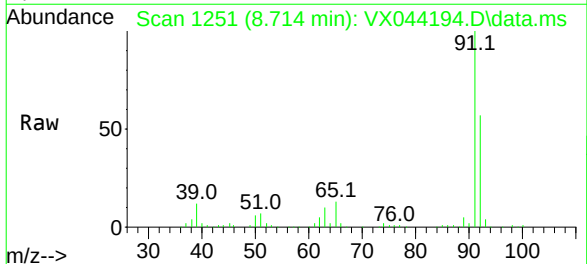
Manual Integrations
APPROVED

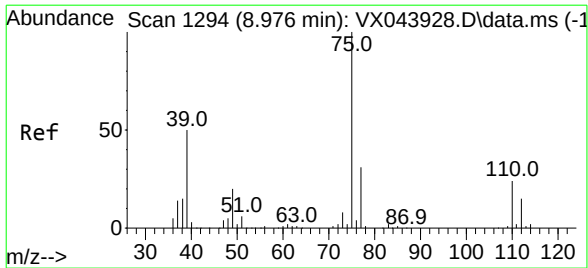
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#52
Toluene
Concen: 20.808 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

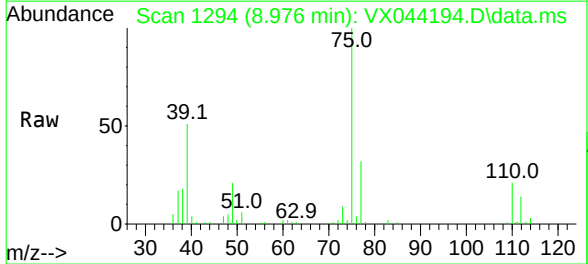
Tgt Ion: 92 Resp: 85899
Ion Ratio Lower Upper
92 100
91 174.0 139.7 209.5





#53
 t-1,3-Dichloropropene
 Concen: 19.762 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX044194.D
 Acq: 09 Dec 2024 17:37

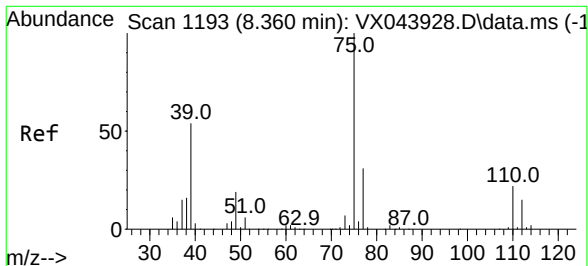
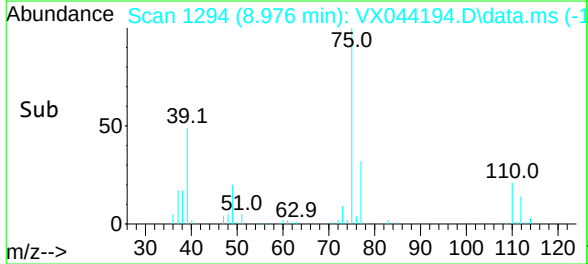
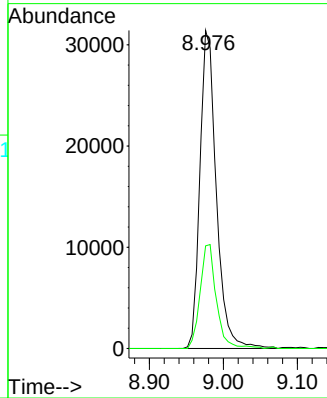
Instrument : MSVOA_X
 ClientSampleId : VX1209WBSD01



Tgt Ion: 75 Resp: 48298
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.1 37.7

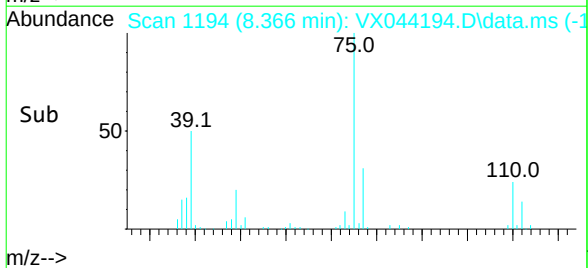
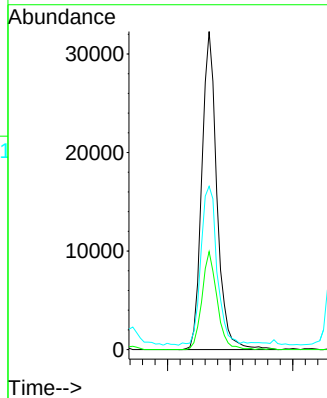
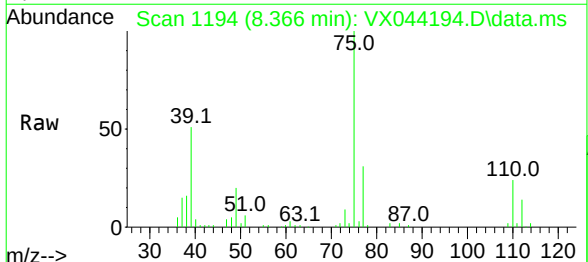
Manual Integrations
 APPROVED

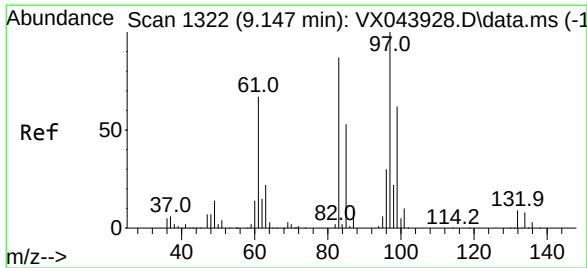
Reviewed By :John Carlone 12/10/2024
 Supervised By :Mahesh Dadoda 12/10/2024



#54
 cis-1,3-Dichloropropene
 Concen: 20.209 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.006 min
 Lab File: VX044194.D
 Acq: 09 Dec 2024 17:37

Tgt Ion: 75 Resp: 54145
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8
 39 49.9 43.1 64.7





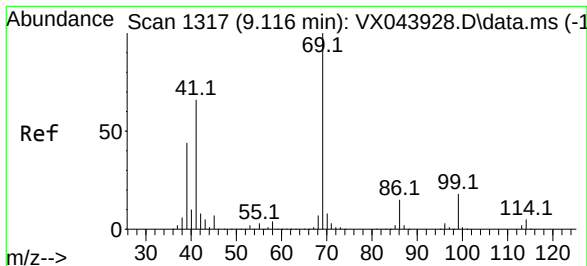
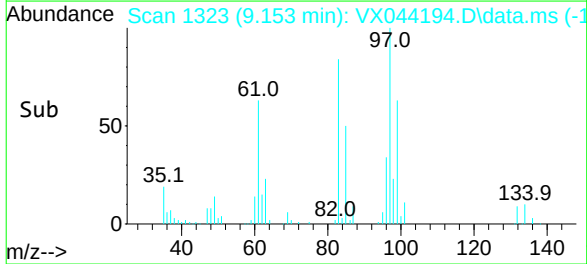
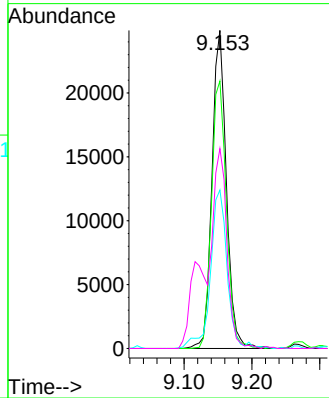
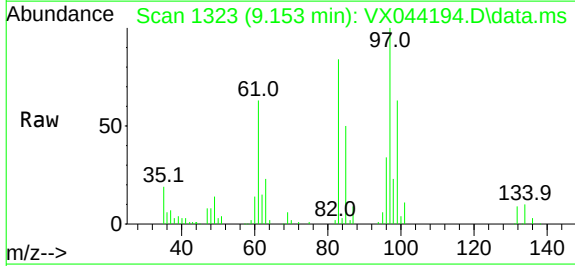
#55
1,1,2-Trichloroethane
Concen: 21.544 ug/l
RT: 9.153 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 97	Resp: 36713
Ion Ratio	Lower Upper
97 100	
83 84.1	69.4 104.0
85 49.8	42.3 63.5
99 62.9	49.6 74.4

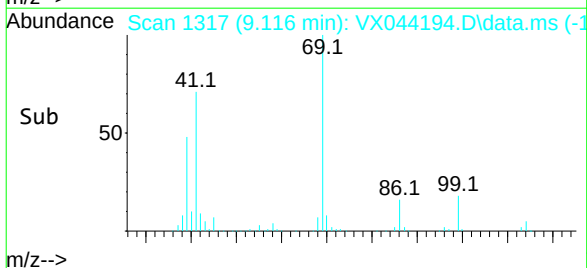
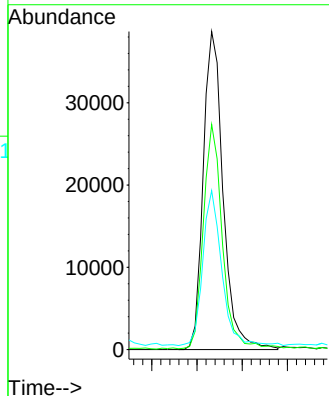
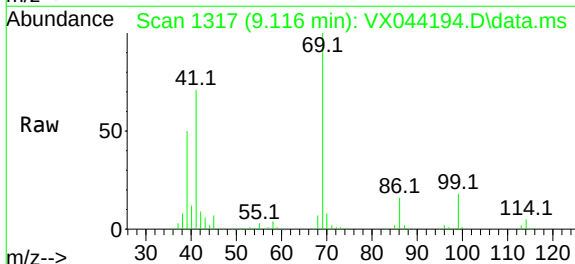
Manual Integrations
APPROVED

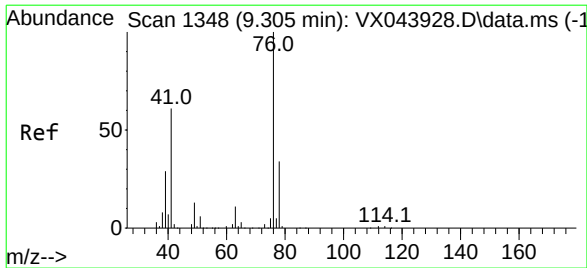
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#56
Ethyl methacrylate
Concen: 22.260 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

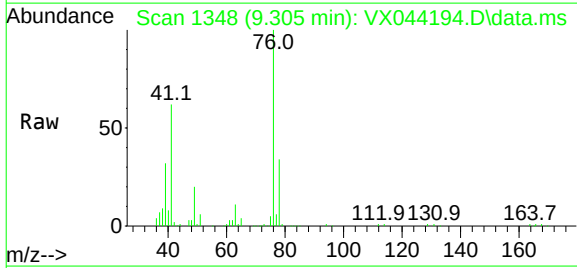
Tgt Ion: 69	Resp: 59083
Ion Ratio	Lower Upper
69 100	
41 68.0	55.8 83.8
39 46.3	36.7 55.1





#57
1,3-Dichloropropane
Concen: 21.833 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

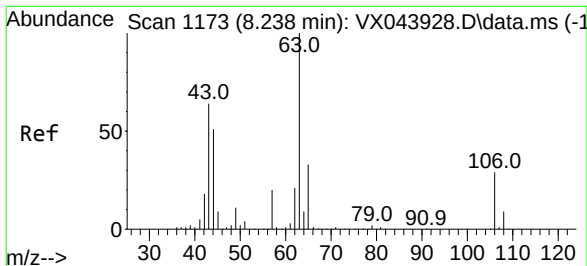
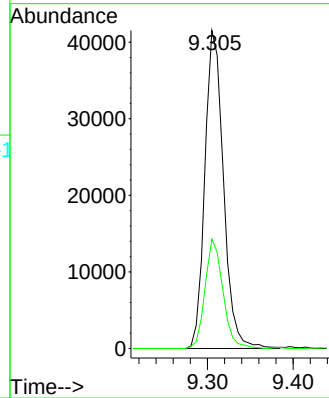
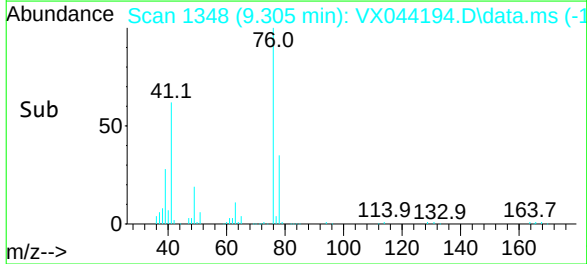
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



Tgt Ion: 76 Resp: 62674
Ion Ratio Lower Upper
76 100
78 33.0 26.0 39.0

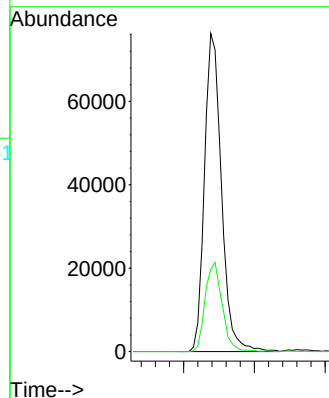
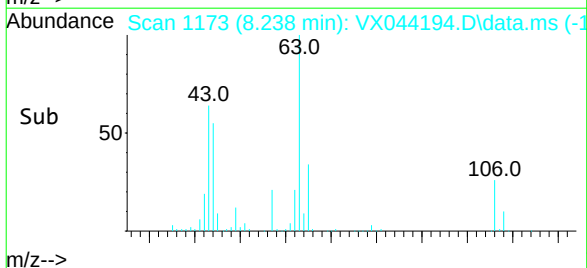
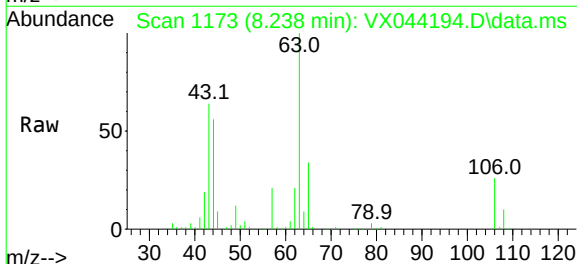
Manual Integrations
APPROVED

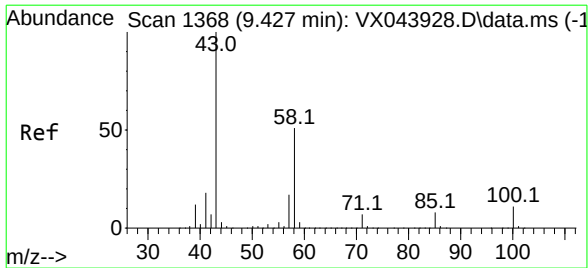
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#58
2-Chloroethyl Vinyl ether
Concen: 86.855 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion: 63 Resp: 127295
Ion Ratio Lower Upper
63 100
106 28.1 23.0 34.6





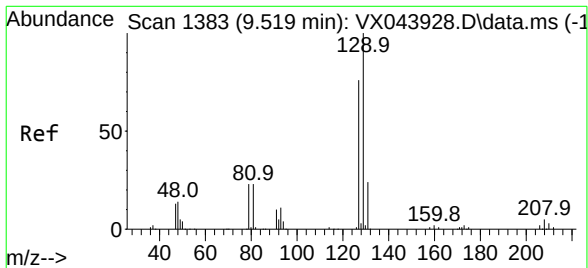
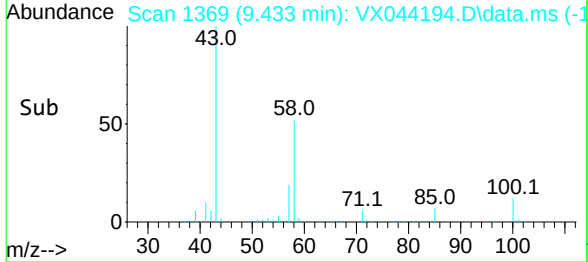
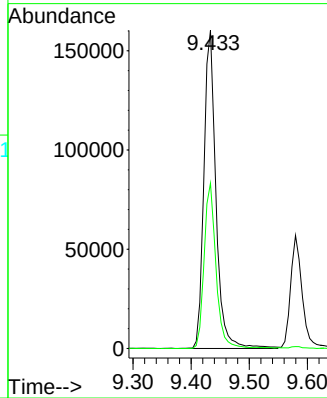
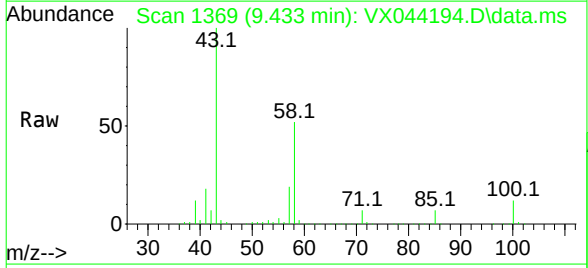
#59
2-Hexanone
Concen: 115.407 ug/l
RT: 9.433 min Scan# 1368
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion: 43 Resp: 231547
Ion Ratio Lower Upper
43 100
58 50.8 25.9 77.6

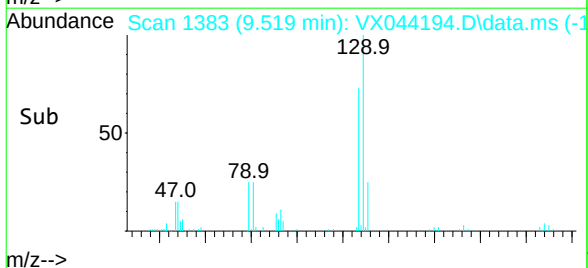
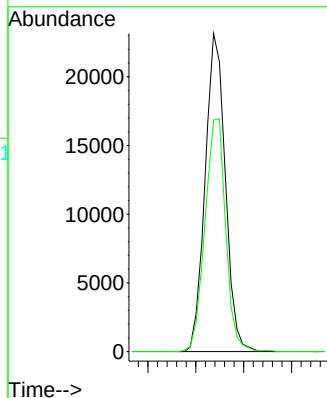
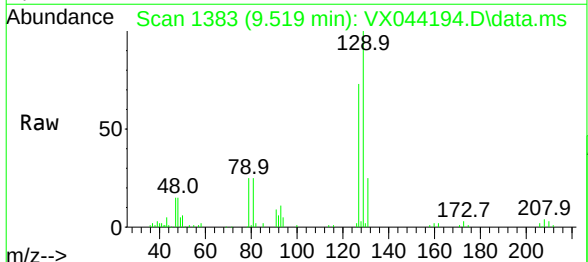
Manual Integrations
APPROVED

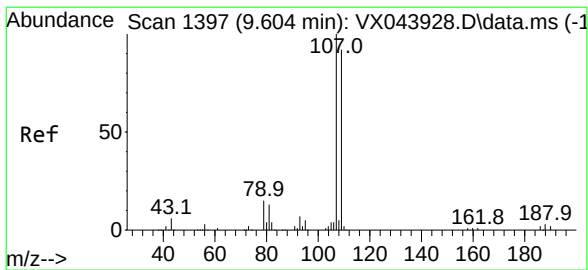
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#60
Dibromochloromethane
Concen: 19.812 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

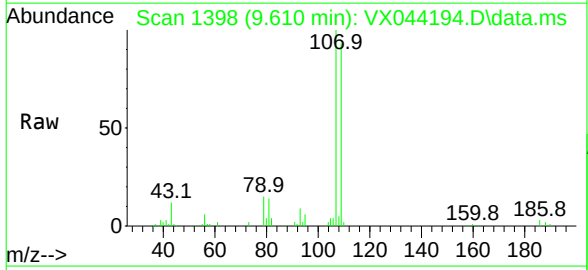
Tgt Ion:129 Resp: 33874
Ion Ratio Lower Upper
129 100
127 75.4 38.2 114.6





#61
1,2-Dibromoethane
Concen: 21.281 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

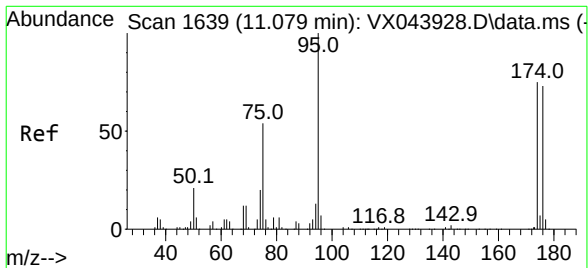
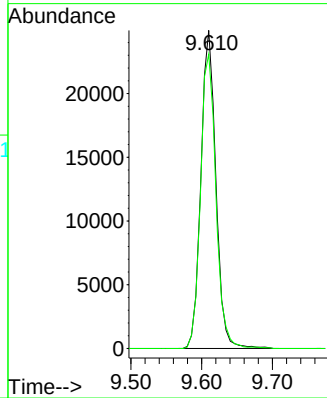
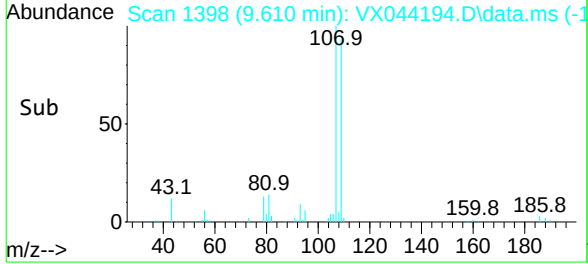
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



Tgt Ion: 107 Resp: 36670
Ion Ratio Lower Upper
107 100
109 95.5 75.2 112.8

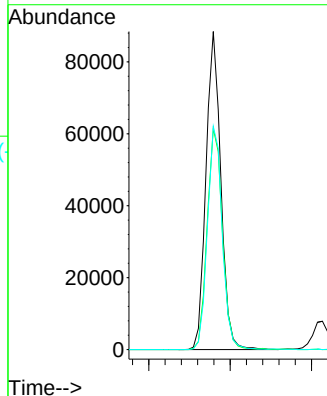
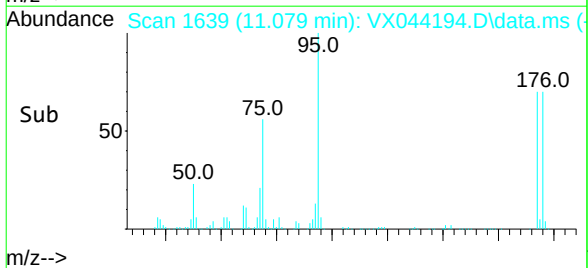
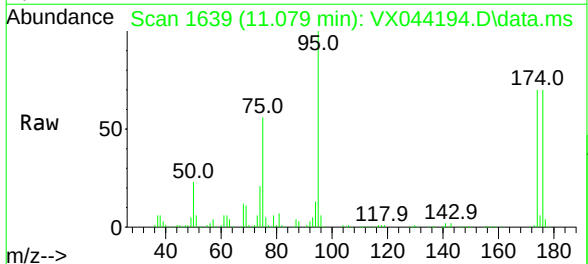
Manual Integrations
APPROVED

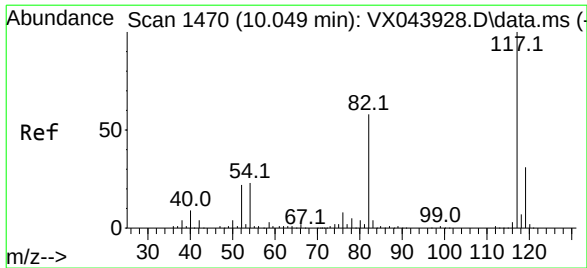
Reviewed By : John Carlone 12/10/2024
Supervised By : Mahesh Dadoda 12/10/2024



#62
4-Bromofluorobenzene
Concen: 53.767 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion: 95 Resp: 112080
Ion Ratio Lower Upper
95 100
174 71.4 0.0 150.4
176 69.9 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: VX044194.D

Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

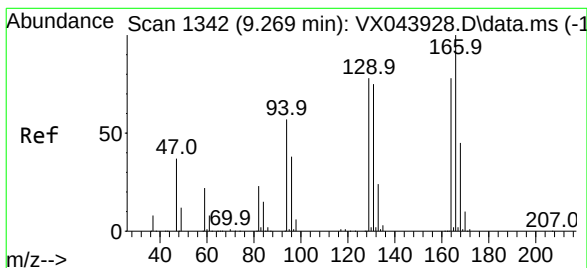
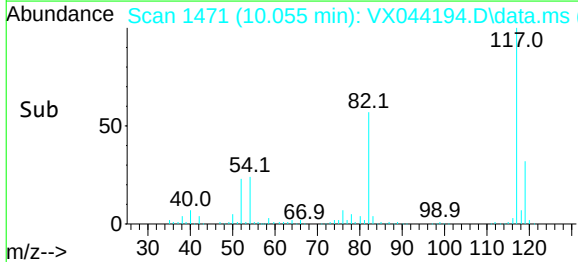
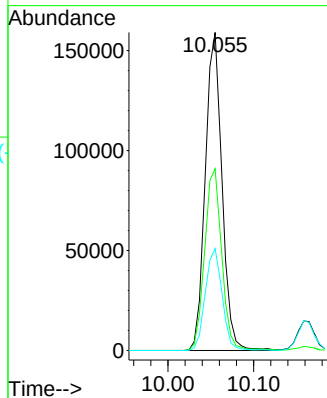
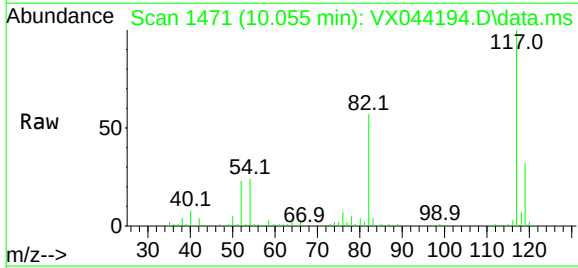
Tgt Ion:	117	Resp:	215697
Ion	Ratio	Lower	Upper
117	100		
82	57.1	46.4	69.6
119	32.0	24.6	37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#64

Tetrachloroethene

Concen: 19.563 ug/l

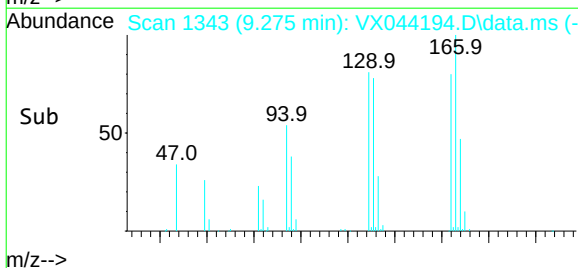
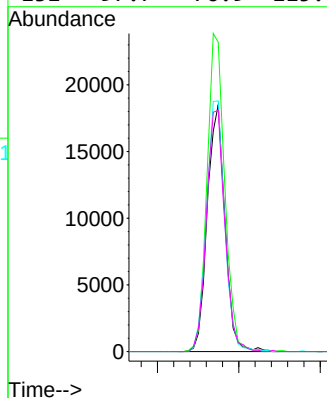
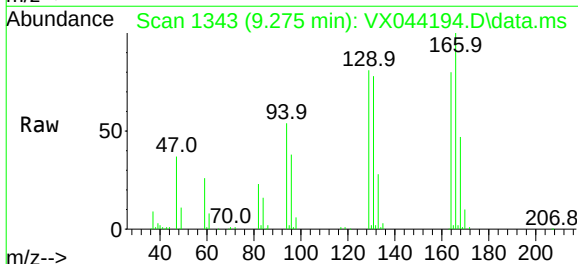
RT: 9.275 min Scan# 1343

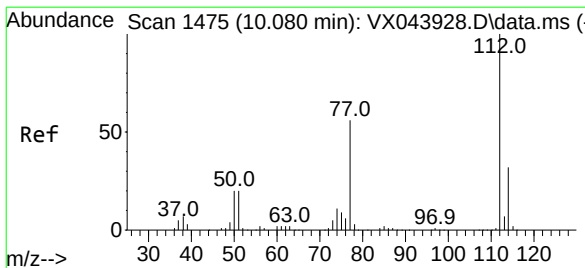
Delta R.T. 0.006 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Tgt Ion:	164	Resp:	27824
Ion	Ratio	Lower	Upper
164	100		
166	125.3	102.1	153.1
129	101.5	79.6	119.4
131	97.7	76.9	115.3





#65

Chlorobenzene

Concen: 20.039 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion:112 Resp: 94932

Ion Ratio Lower Upper

112 100

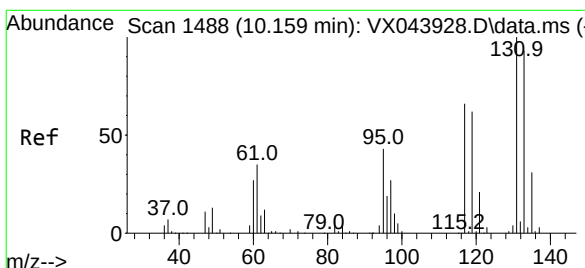
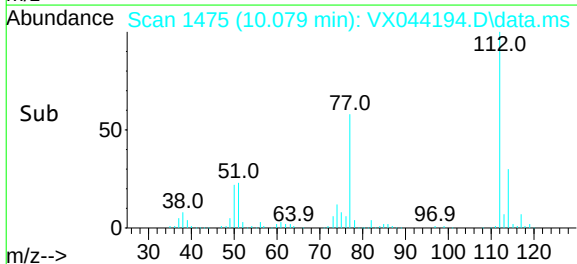
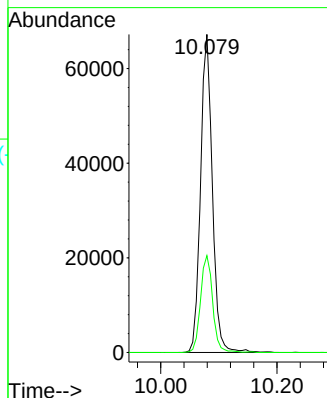
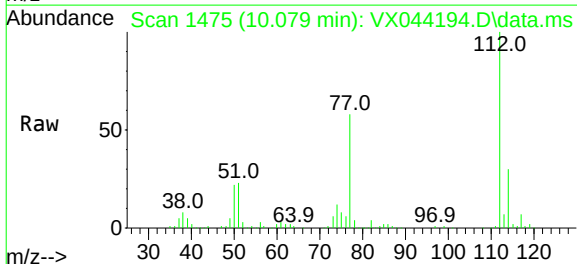
114 30.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 20.923 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

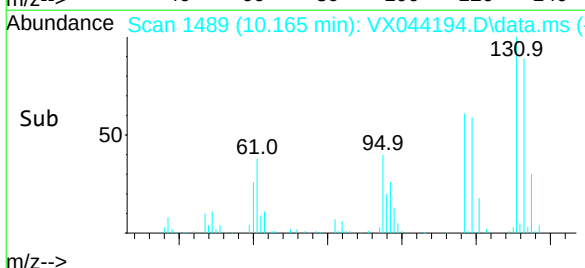
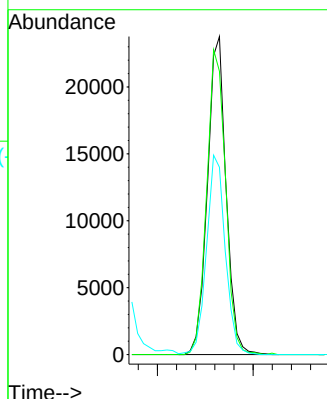
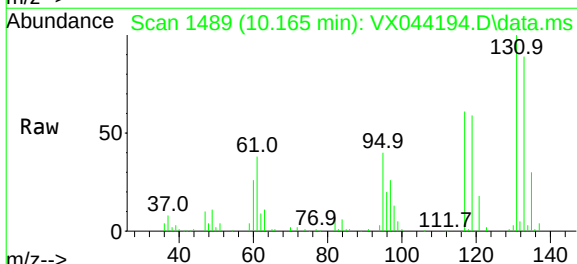
Tgt Ion:131 Resp: 32146

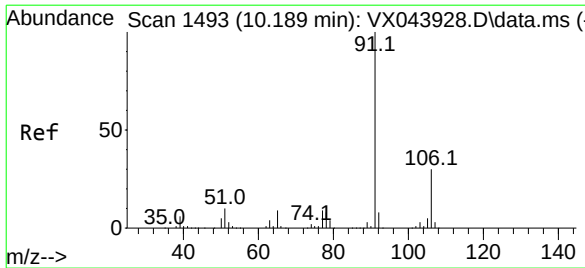
Ion Ratio Lower Upper

131 100

133 96.9 48.2 144.6

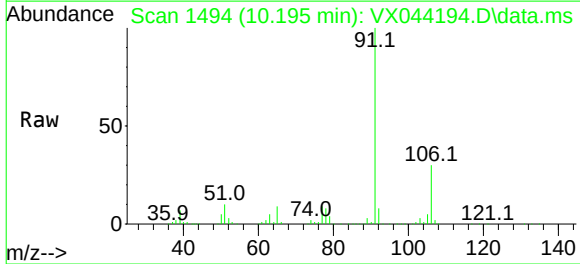
119 63.1 31.5 94.5





#67
Ethyl Benzene
Concen: 20.886 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

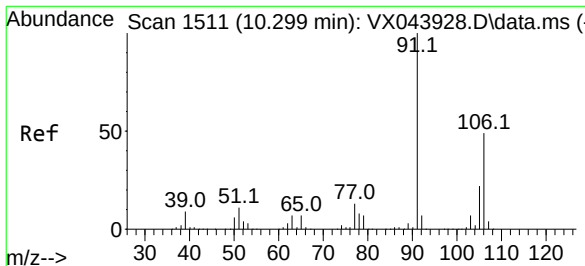
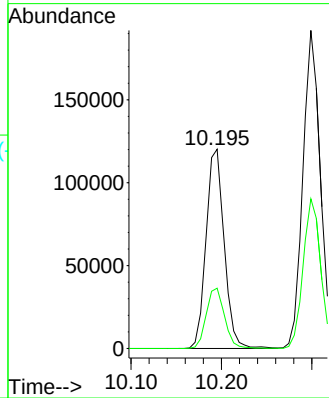
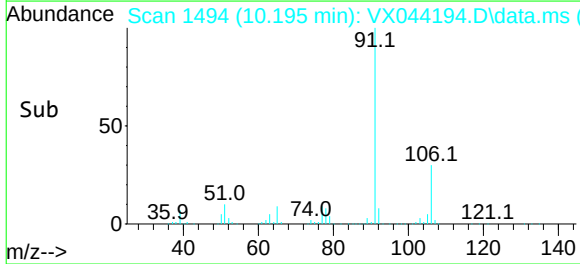
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



Tgt Ion: 91 Resp: 167658
Ion Ratio Lower Upper
91 100
106 30.3 23.6 35.4

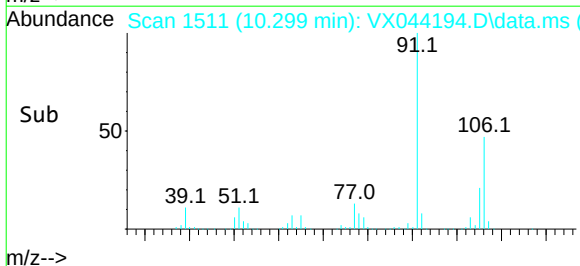
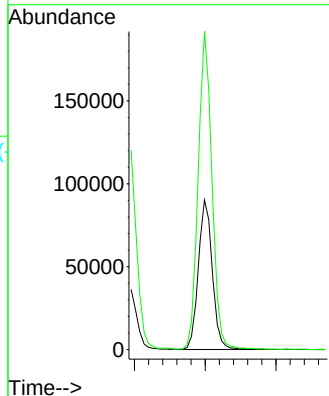
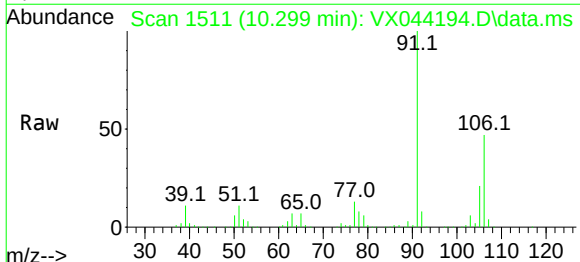
Manual Integrations
APPROVED

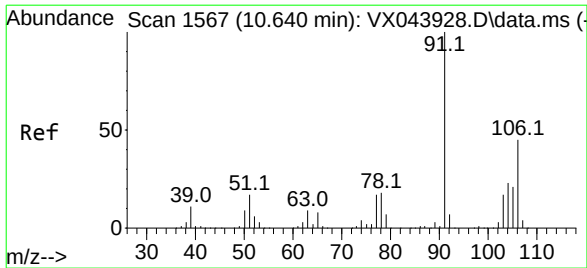
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#68
m/p-Xylenes
Concen: 41.384 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion:106 Resp: 123887
Ion Ratio Lower Upper
106 100
91 209.9 168.1 252.1





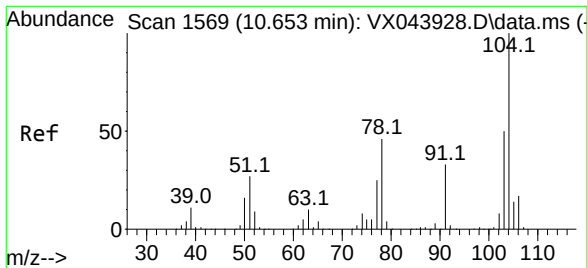
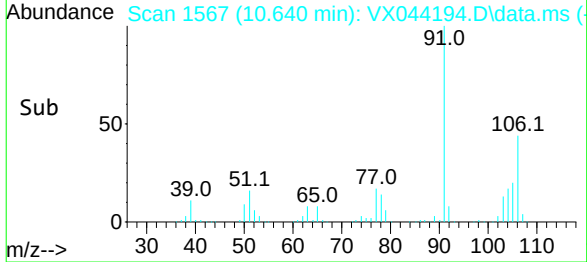
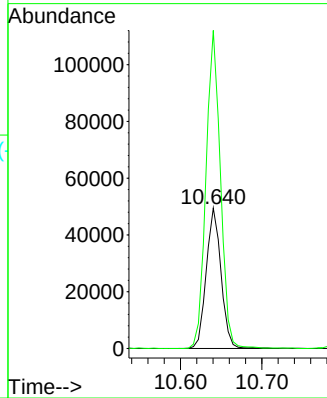
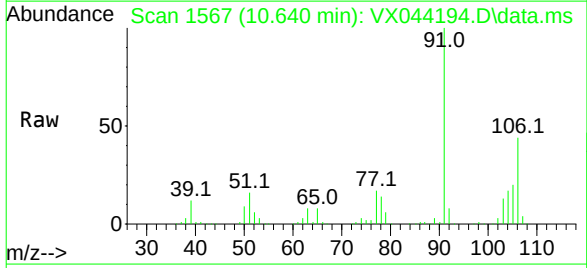
#69
o-Xylene
Concen: 21.324 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Tgt Ion:106 Resp: 62326
Ion Ratio Lower Upper
106 100
91 221.8 110.2 330.6

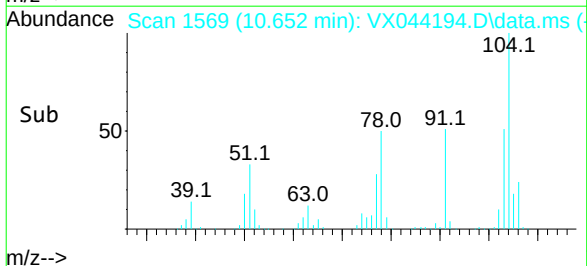
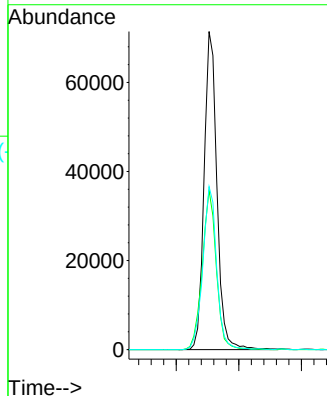
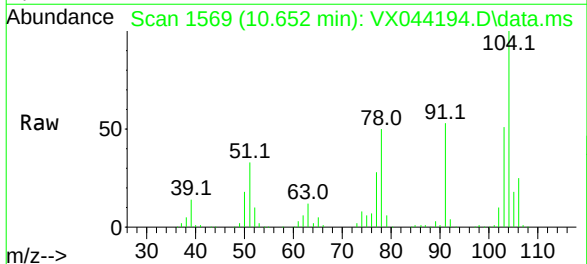
Manual Integrations
APPROVED

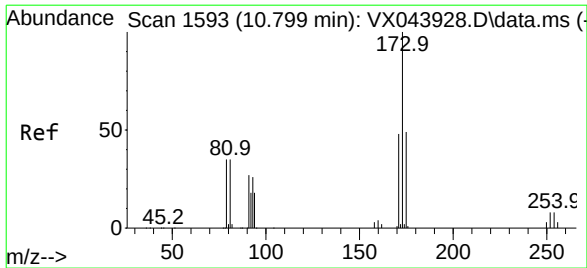
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#70
Styrene
Concen: 21.061 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion:104 Resp: 101812
Ion Ratio Lower Upper
104 100
78 54.7 42.2 63.2
103 55.3 44.7 67.1





#71

Bromoform

Concen: 17.454 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

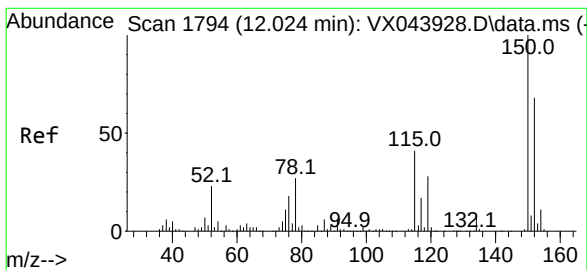
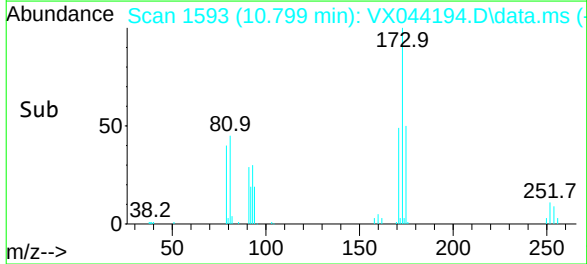
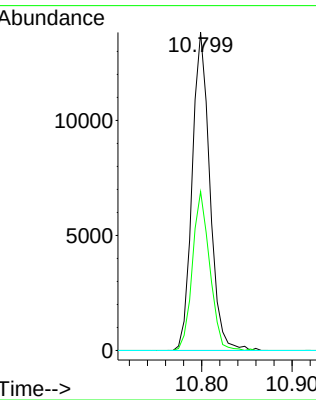
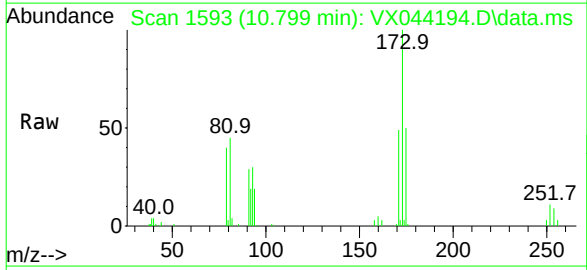
Tgt Ion:	173	Resp:	18740
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

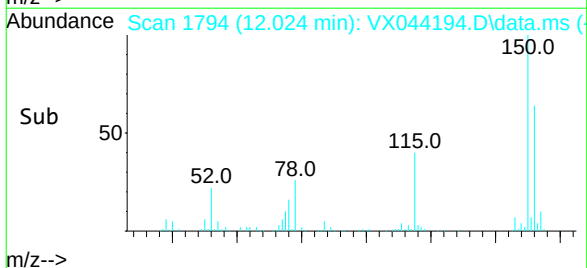
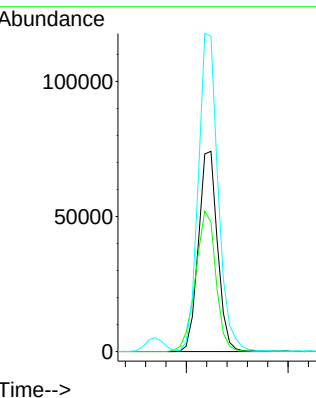
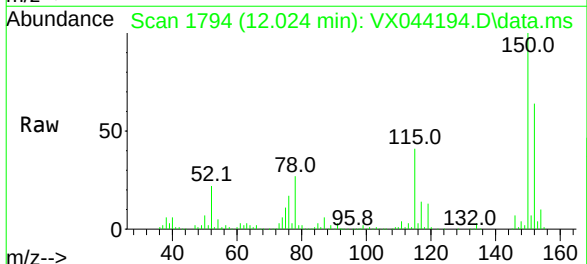
RT: 12.024 min Scan# 1794

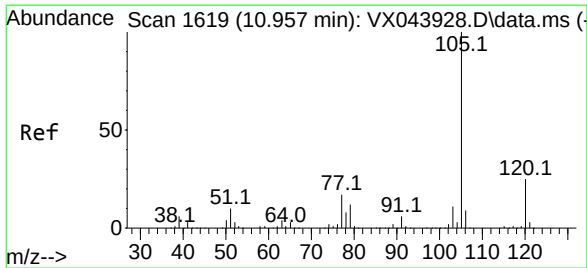
Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Tgt Ion:	152	Resp:	96570
Ion Ratio	Lower	Upper	
152	100		
115	74.9	45.4	136.2
150	164.7	0.0	353.0





#73

Isopropylbenzene

Concen: 21.937 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion:105 Resp: 162841

Ion Ratio Lower Upper

105 100

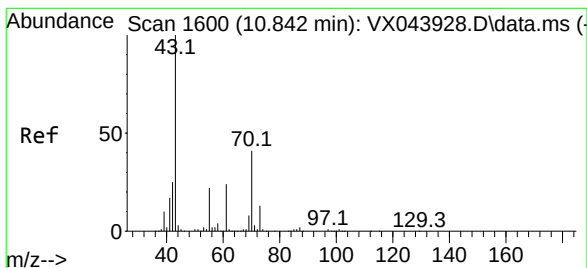
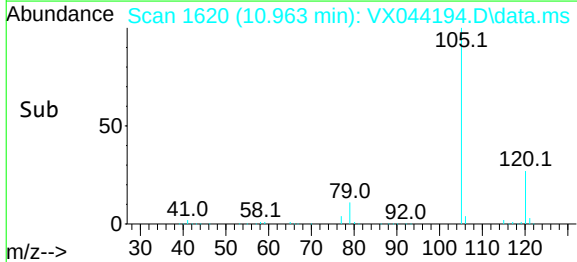
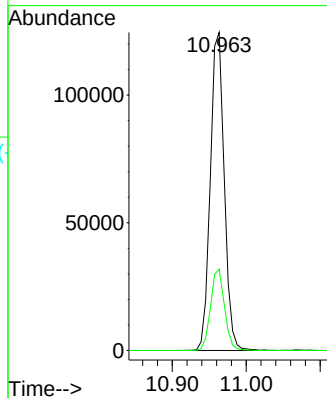
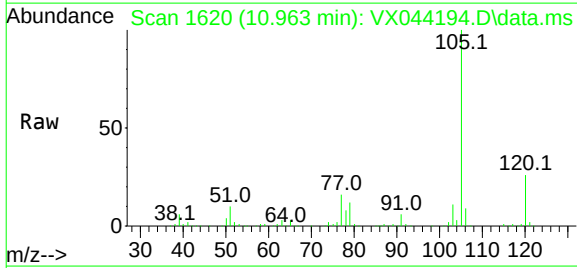
120 25.6 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#74

N-ethyl acetate

Concen: 22.323 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Tgt Ion: 43 Resp: 76764

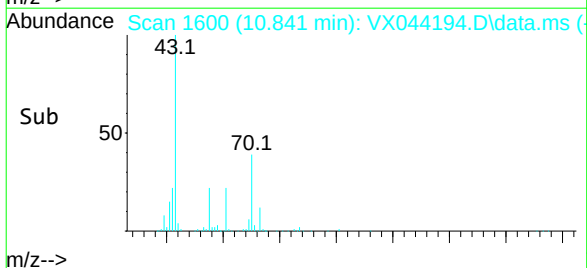
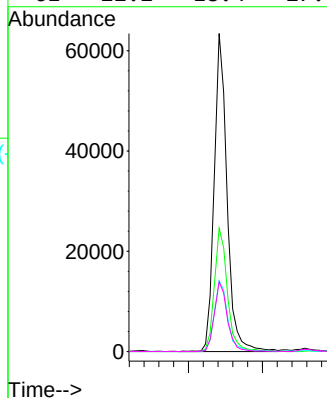
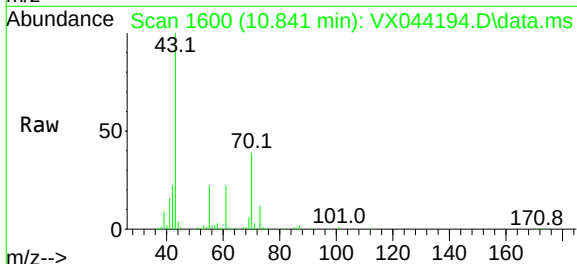
Ion Ratio Lower Upper

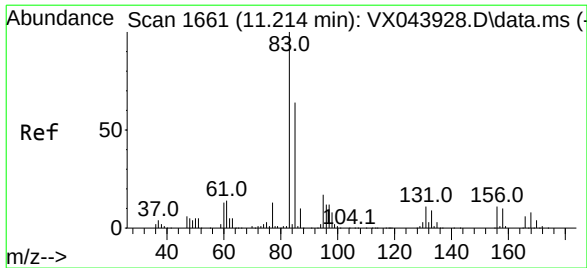
43 100

70 39.4 32.2 48.2

55 23.3 18.1 27.1

61 22.2 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.167 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

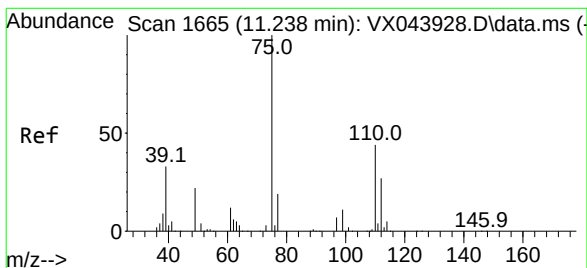
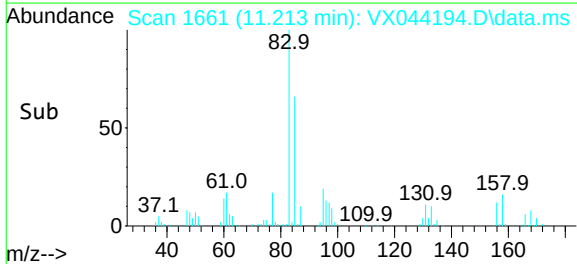
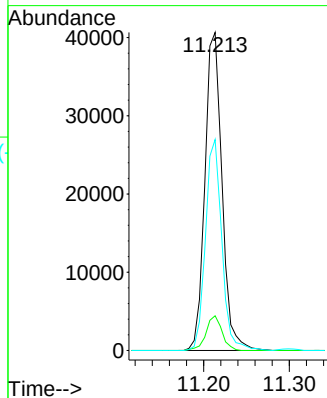
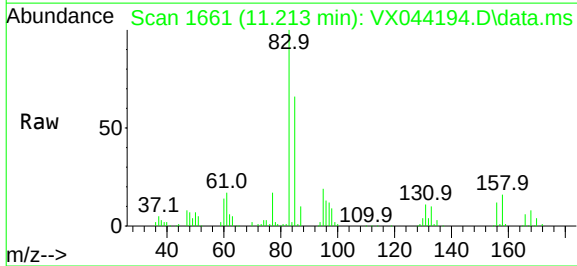
Tgt Ion:	83	Resp:	56343
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.2
85	63.5	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#76

1,2,3-Trichloropropane

Concen: 21.966 ug/l m

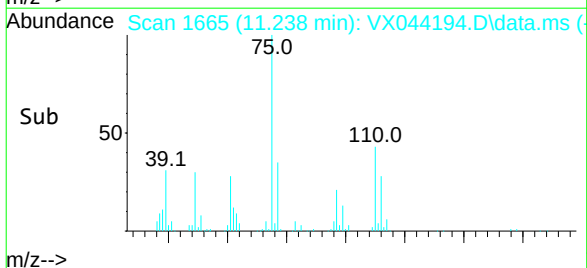
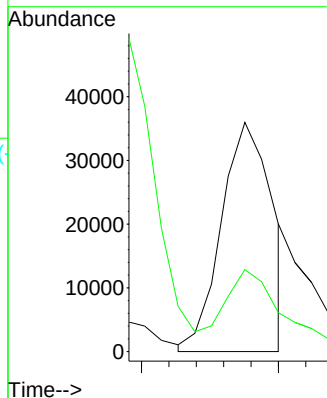
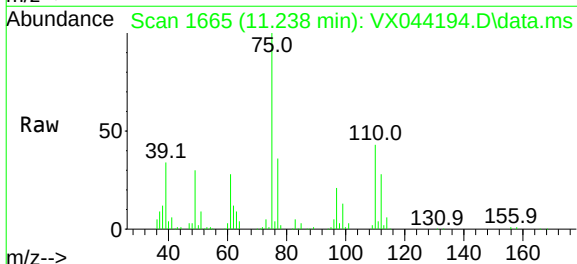
RT: 11.238 min Scan# 1665

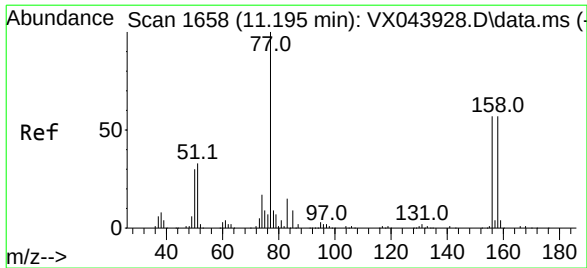
Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

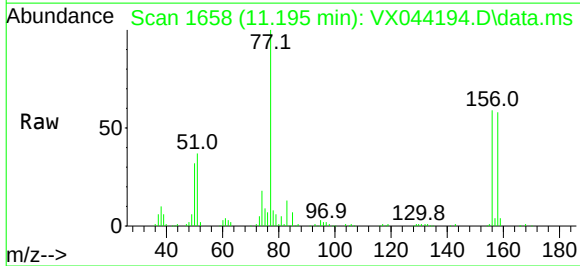
Tgt Ion:	75	Resp:	46519
Ion Ratio	Lower	Upper	
75	100		
77	42.5	21.8	65.3





#77
Bromobenzene
Concen: 21.699 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

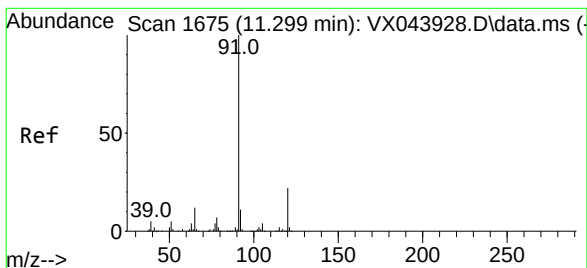
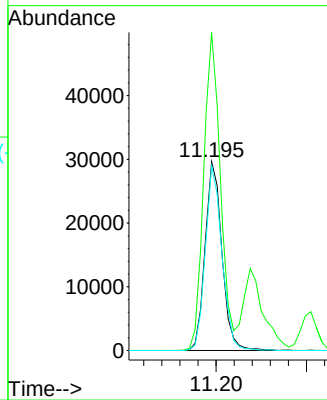
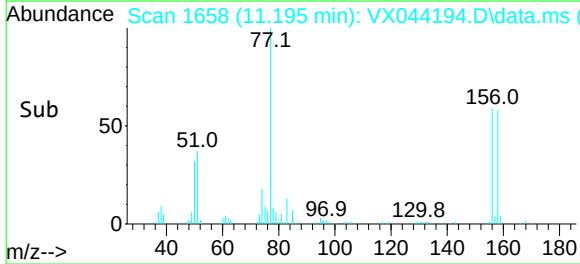
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



Tgt Ion:156 Resp: 38424
Ion Ratio Lower Upper
156 100
77 166.7 83.4 250.1
158 96.4 47.6 142.8

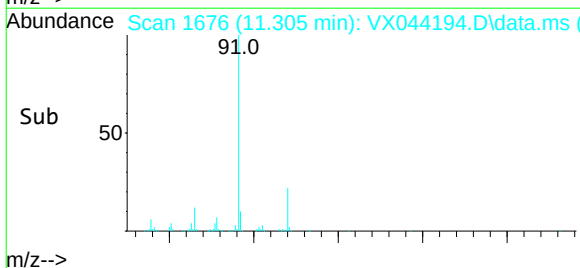
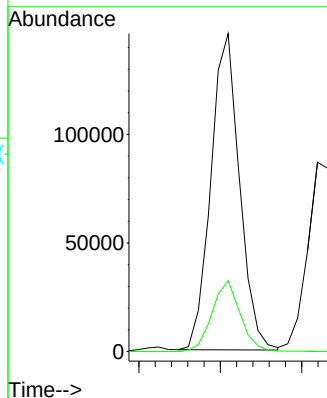
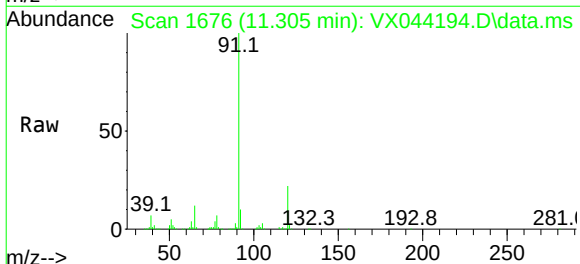
Manual Integrations
APPROVED

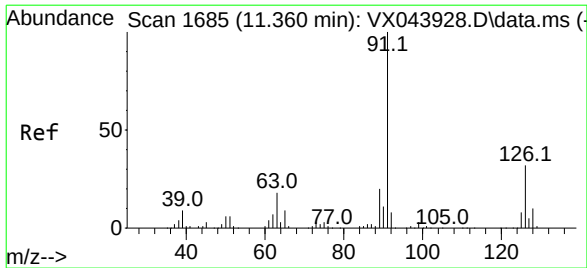
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#78
n-propylbenzene
Concen: 21.463 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion: 91 Resp: 177942
Ion Ratio Lower Upper
91 100
120 22.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.661 ug/l

RT: 11.360 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion: 91 Resp: 113558

Ion Ratio Lower Upper

91 100

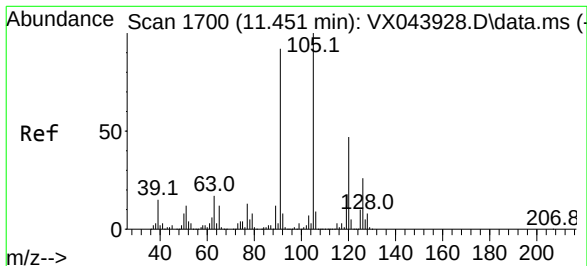
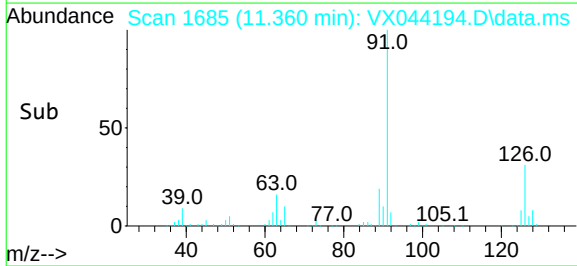
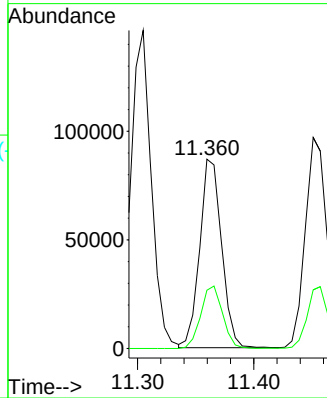
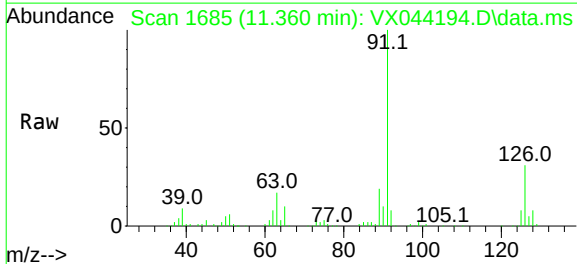
126 33.1 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#80

1,3,5-Trimethylbenzene

Concen: 21.866 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044194.D

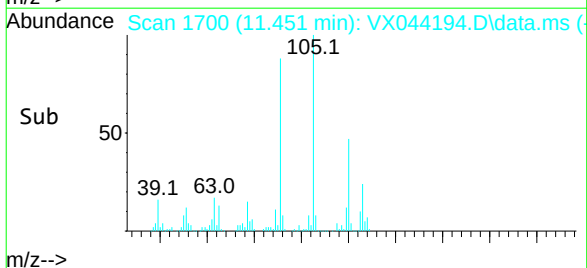
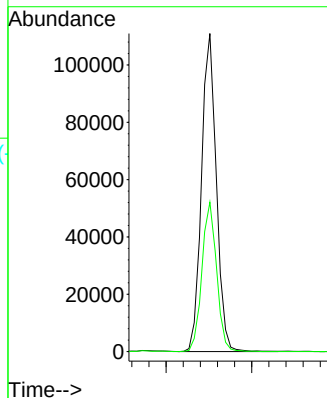
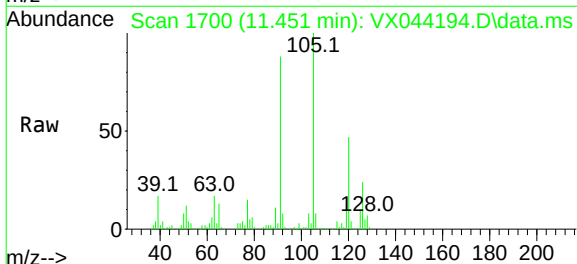
Acq: 09 Dec 2024 17:37

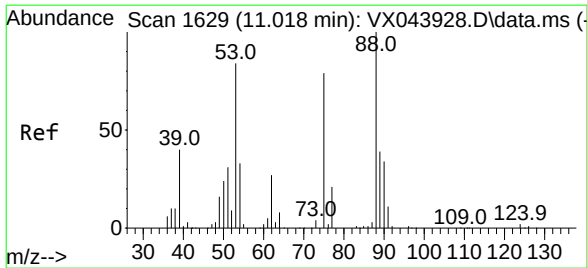
Tgt Ion:105 Resp: 133542

Ion Ratio Lower Upper

105 100

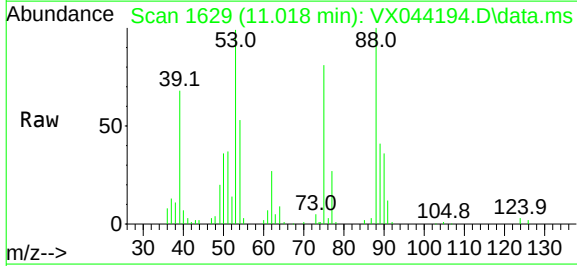
120 46.4 23.3 69.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.499 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

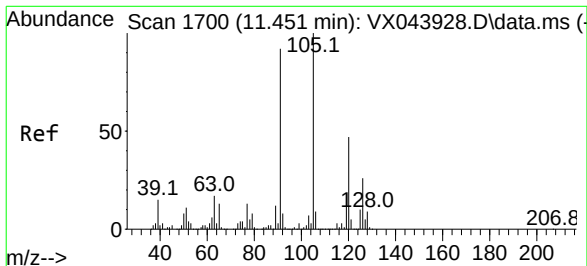
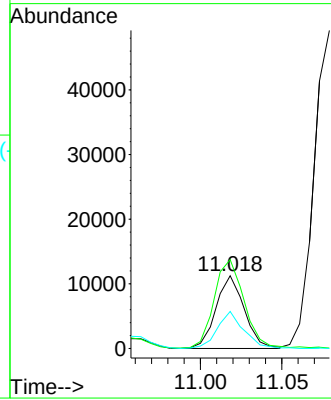
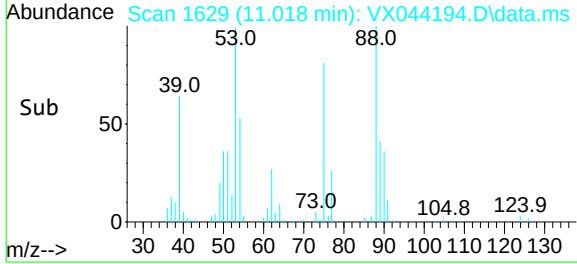
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



Tgt Ion: 75 Resp: 13581
Ion Ratio Lower Upper
75 100
53 131.4 86.7 130.1#
89 47.8 38.2 57.2

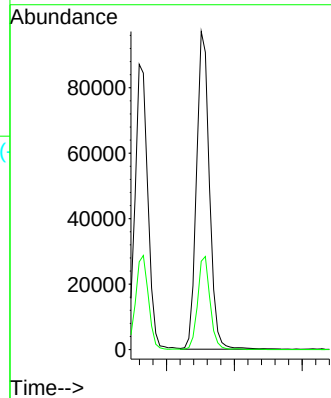
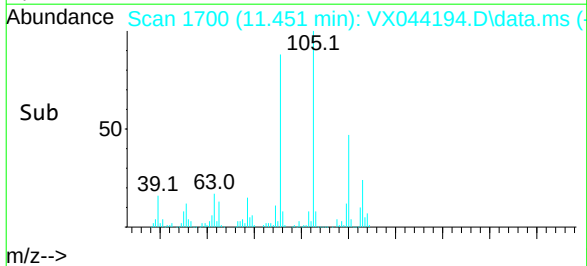
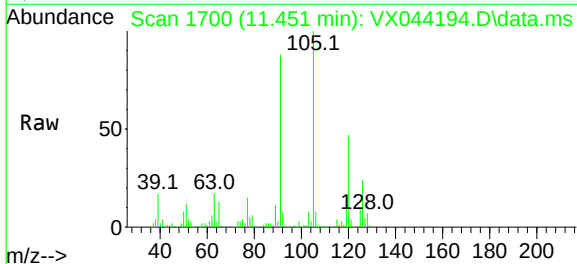
Manual Integrations
APPROVED

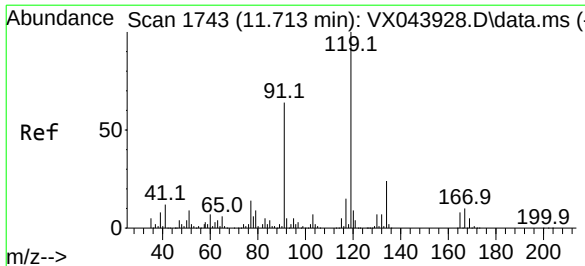
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#82
4-Chlorotoluene
Concen: 21.641 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion: 91 Resp: 128085
Ion Ratio Lower Upper
91 100
126 28.2 14.3 42.9





#83

tert-Butylbenzene

Concen: 22.274 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion:119 Resp: 134832

Ion Ratio Lower Upper

119 100

91 62.7 31.0 93.0

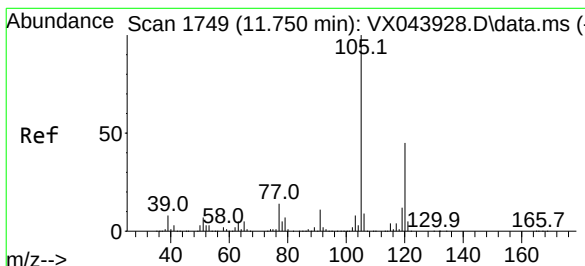
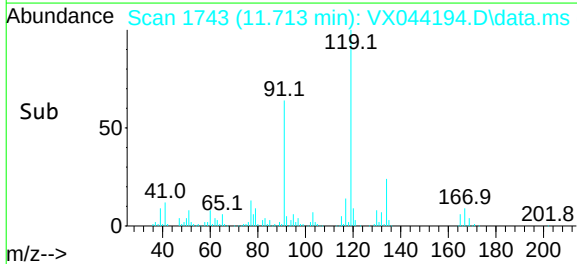
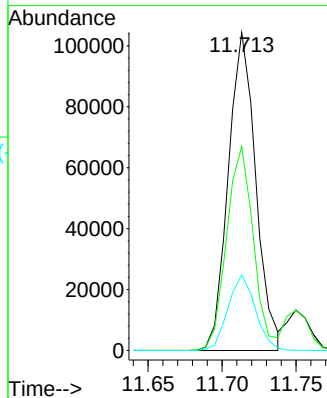
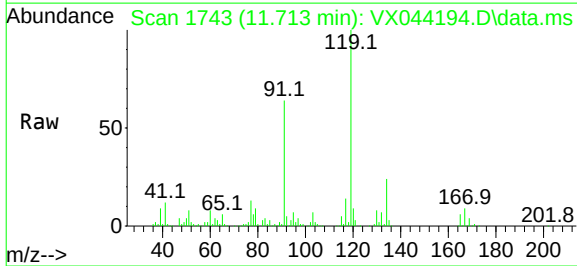
134 23.7 11.6 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#84

1,2,4-Trimethylbenzene

Concen: 22.155 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044194.D

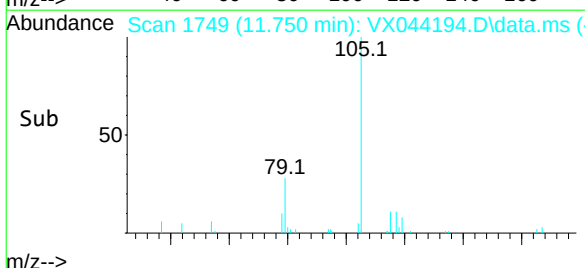
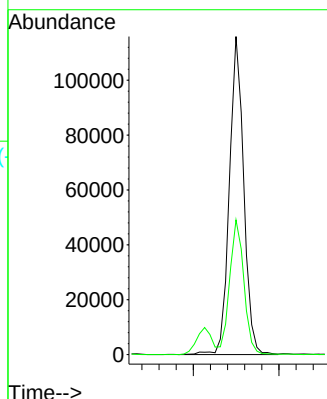
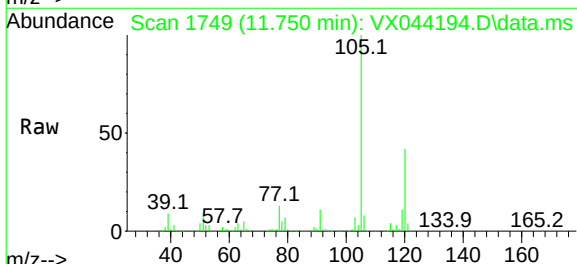
Acq: 09 Dec 2024 17:37

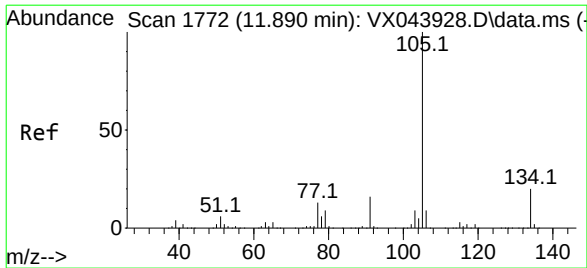
Tgt Ion:105 Resp: 134709

Ion Ratio Lower Upper

105 100

120 42.5 21.9 65.7





#85

sec-Butylbenzene

Concen: 21.541 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion:105 Resp: 159764

Ion Ratio Lower Upper

105 100

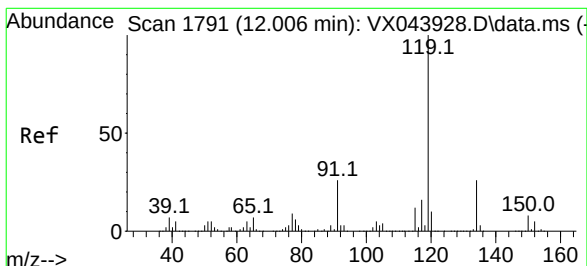
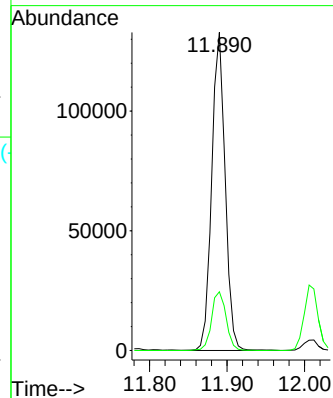
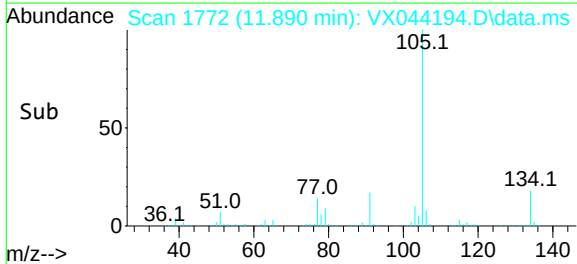
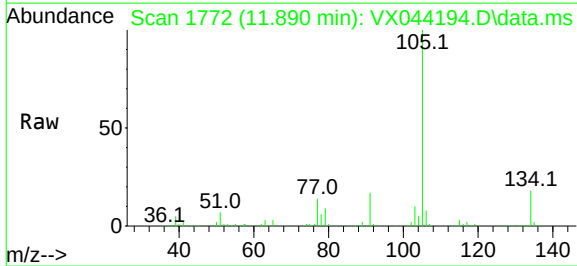
134 20.0 9.7 29.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#86

p-Isopropyltoluene

Concen: 22.027 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

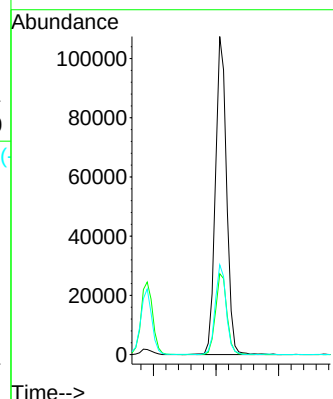
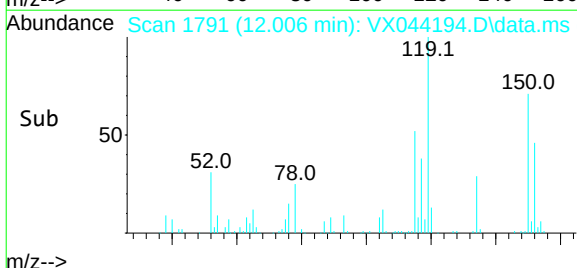
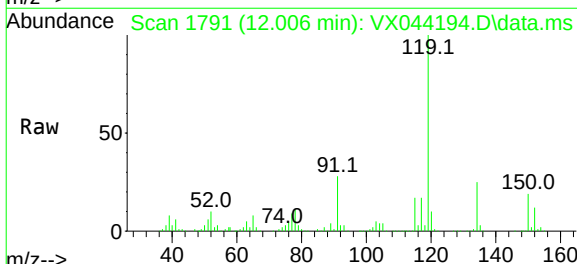
Tgt Ion:119 Resp: 132697

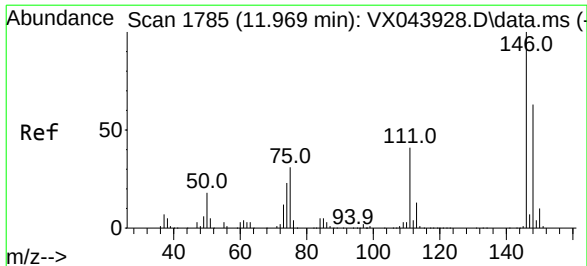
Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

91 27.8 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 20.645 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

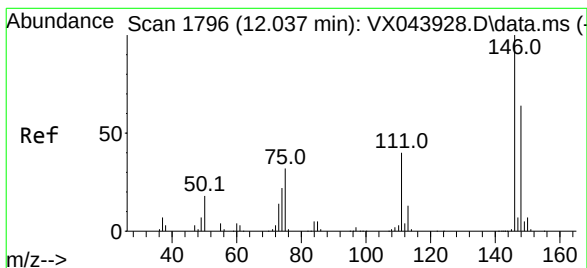
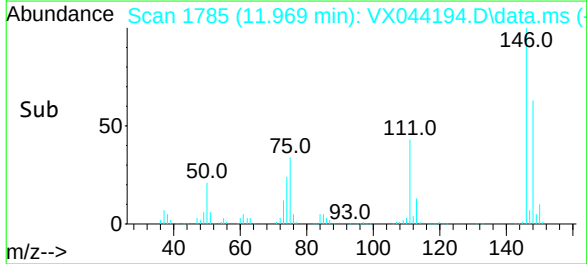
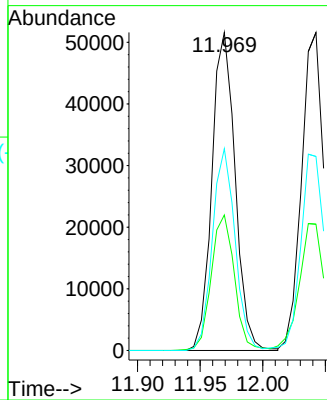
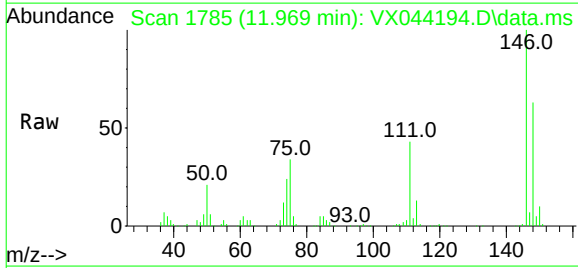
Tgt Ion:	146	Resp:	66585
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.1	63.3
148	62.0	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#88

1,4-Dichlorobenzene

Concen: 19.982 ug/l

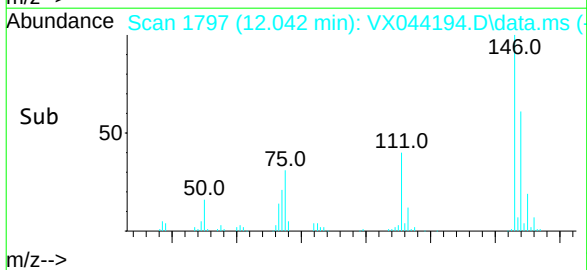
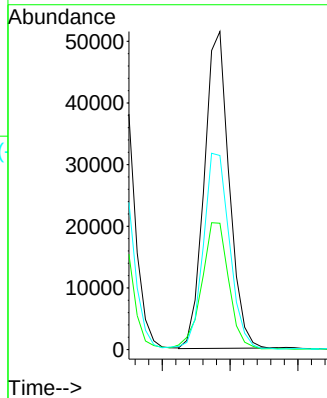
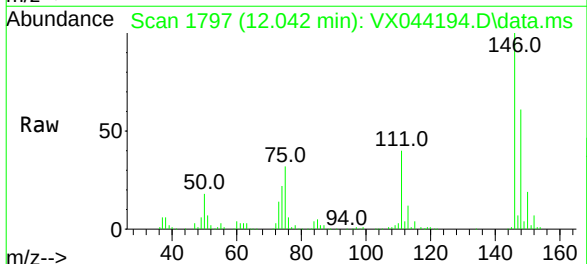
RT: 12.042 min Scan# 1797

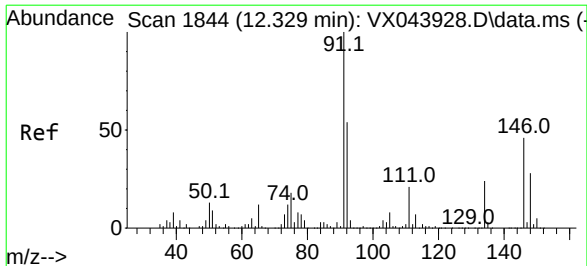
Delta R.T. 0.006 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

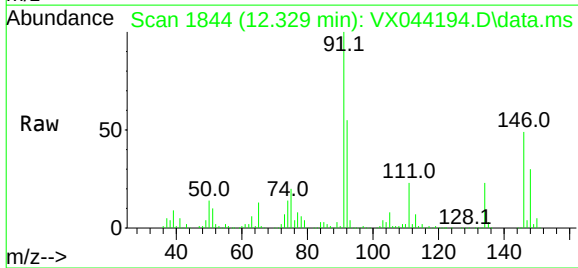
Tgt Ion:	146	Resp:	65706
Ion Ratio	Lower	Upper	
146	100		
111	43.4	20.1	60.3
148	65.4	30.9	92.8





#89
n-Butylbenzene
Concen: 20.826 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

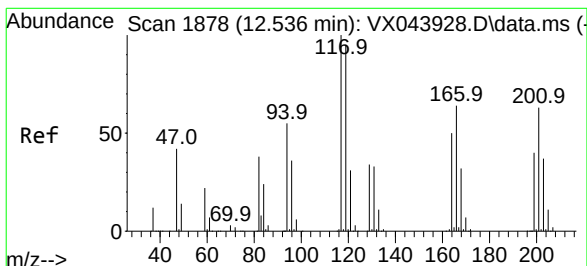
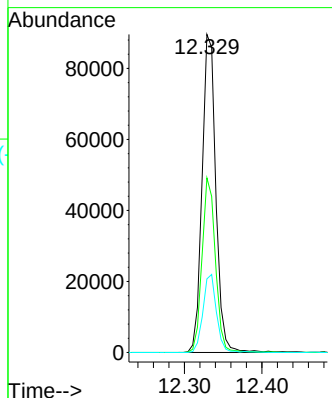
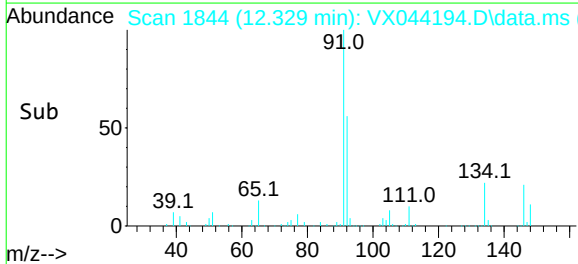
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



Tgt Ion: 91 Resp: 110620
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 24.3 12.4 37.2

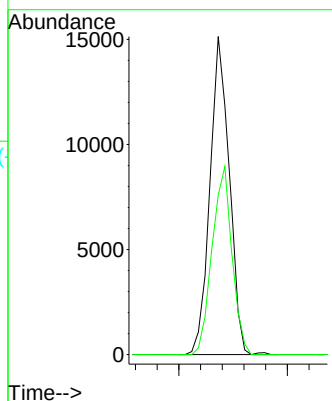
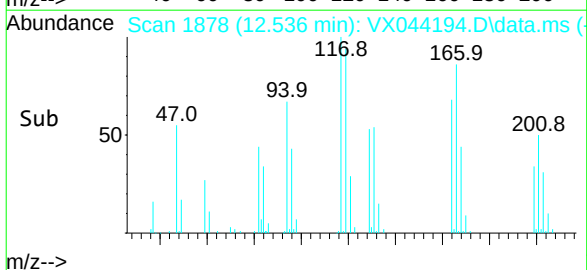
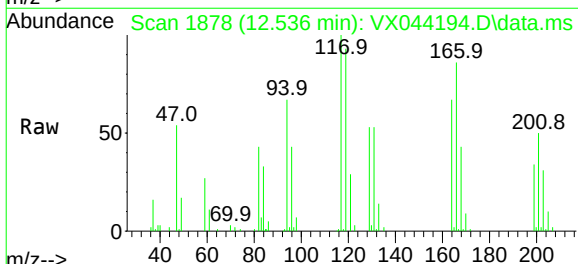
Manual Integrations
APPROVED

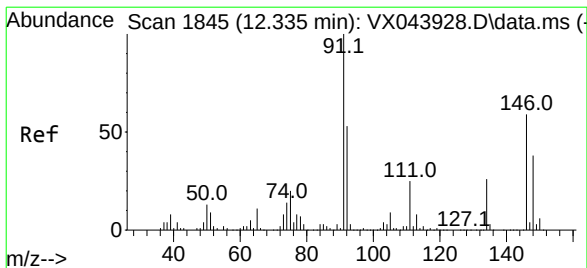
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#90
Hexachloroethane
Concen: 18.309 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

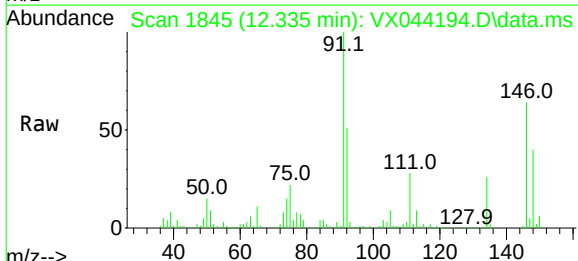
Tgt Ion:117 Resp: 18756
Ion Ratio Lower Upper
117 100
201 60.6 32.4 97.0





#91
1,2-Dichlorobenzene
Concen: 21.257 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

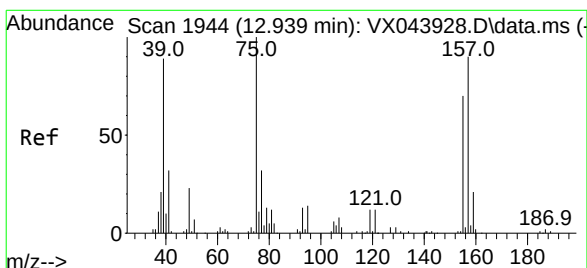
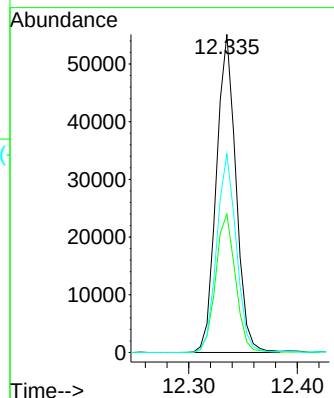
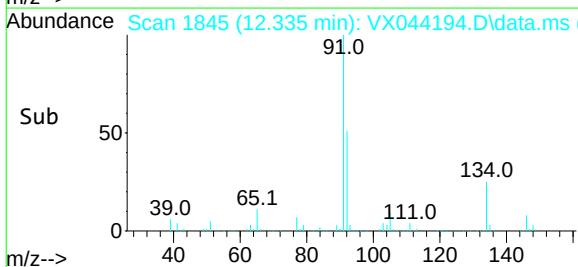
Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01



Tgt Ion:146 Resp: 69186
Ion Ratio Lower Upper
146 100
111 44.2 21.5 64.5
148 62.3 31.9 95.5

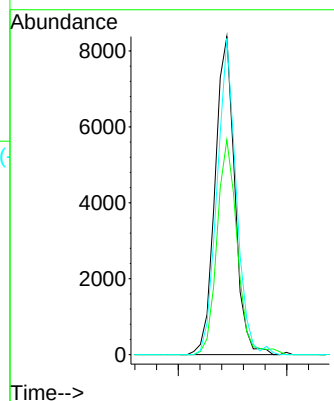
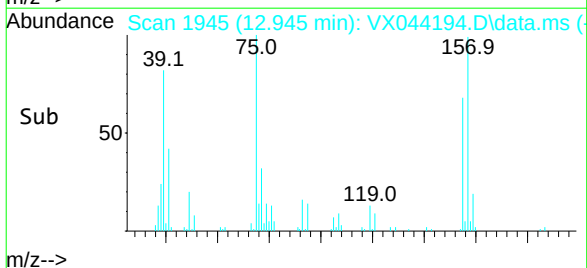
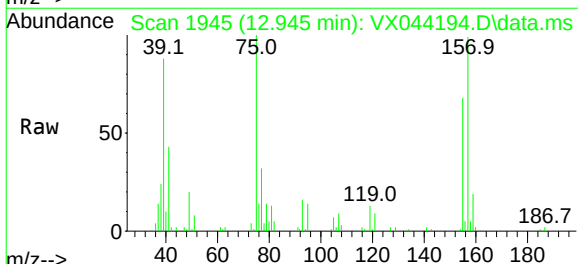
Manual Integrations
APPROVED

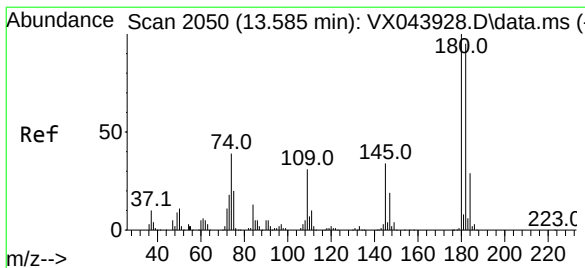
Reviewed By :John Carlone 12/10/2024
Supervised By :Mahesh Dadoda 12/10/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.679 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX044194.D
Acq: 09 Dec 2024 17:37

Tgt Ion: 75 Resp: 10532
Ion Ratio Lower Upper
75 100
155 69.2 40.1 120.2
157 96.9 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 19.375 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

Tgt Ion:180 Resp: 37178

Ion Ratio Lower Upper

180 100

182 94.1 48.0 144.2

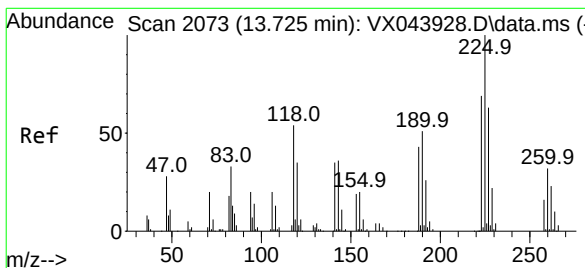
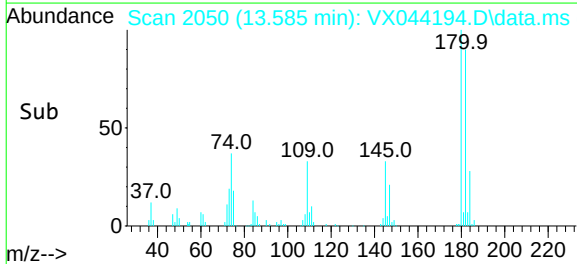
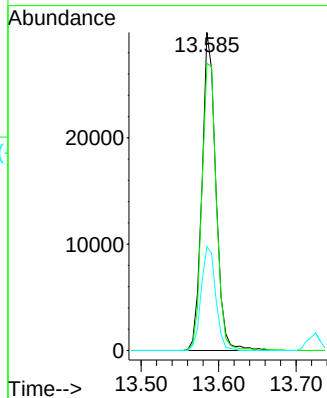
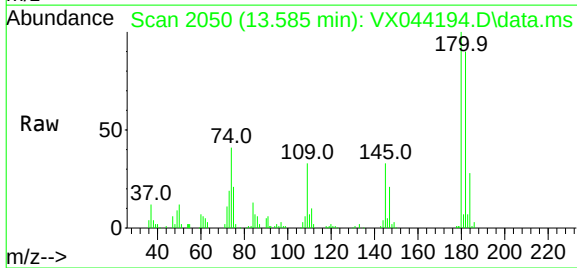
145 34.1 16.8 50.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#94

Hexachlorobutadiene

Concen: 19.561 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

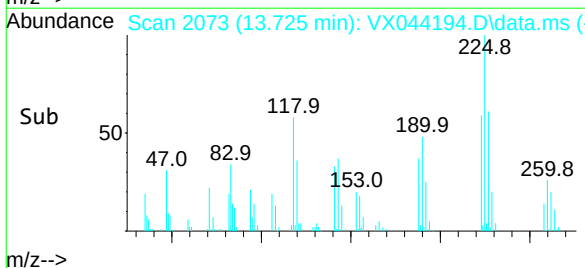
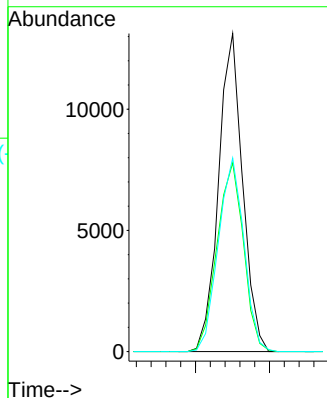
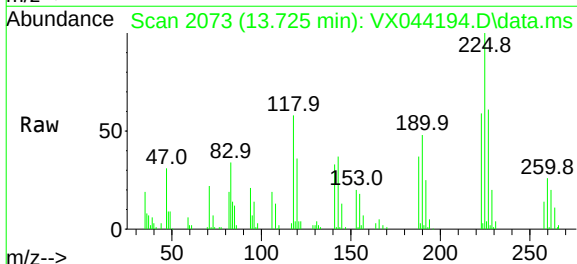
Tgt Ion:225 Resp: 14835

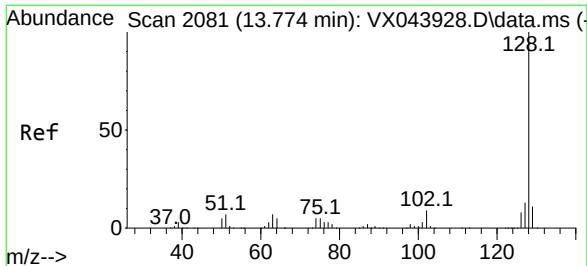
Ion Ratio Lower Upper

225 100

223 65.2 32.9 98.6

227 64.7 31.6 94.8





#95

Naphthalene

Concen: 21.670 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Instrument :

MSVOA_X

ClientSampleId :

VX1209WBSD01

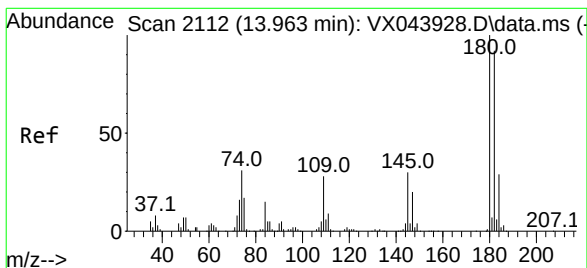
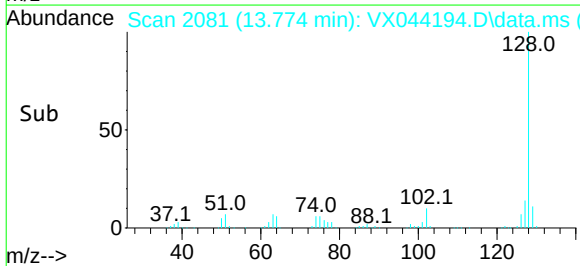
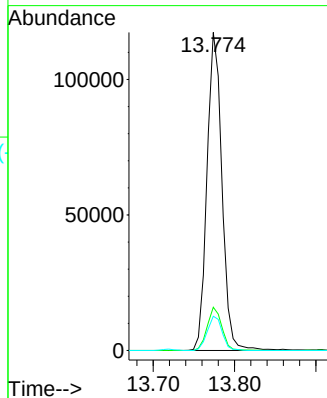
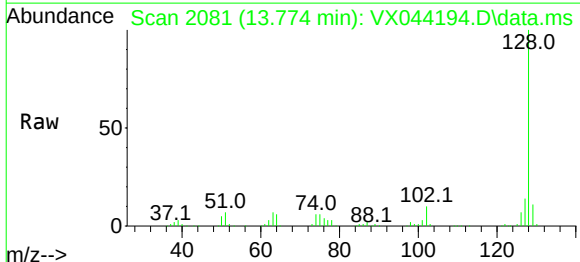
Tgt Ion:	128	Resp:	149688
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	10.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/10/2024

Supervised By :Mahesh Dadoda 12/10/2024



#96

1,2,3-Trichlorobenzene

Concen: 20.014 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044194.D

Acq: 09 Dec 2024 17:37

Tgt Ion:	180	Resp:	38872
Ion	Ratio	Lower	Upper
180	100		
182	95.3	45.6	136.8
145	37.2	16.4	49.4

