

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044378.D
 Acq On : 18 Dec 2024 13:11
 Operator : JC/MD
 Sample : VX1218WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01

Quant Time: Dec 19 00:42:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	152020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	272118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101950	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	125769	47.186	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.380%
35) Dibromofluoromethane	5.379	113	95224	50.526	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.060%
50) Toluene-d8	8.647	98	323070	50.811	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.620%
62) 4-Bromofluorobenzene	11.079	95	107025	48.171	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.340%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	46716	19.874	ug/l	98
3) Chloromethane	1.294	50	44741	19.904	ug/l	97
4) Vinyl Chloride	1.374	62	45549	19.450	ug/l	99
5) Bromomethane	1.593	94	28566	17.194	ug/l	97
6) Chloroethane	1.666	64	30702	21.055	ug/l	99
7) Trichlorofluoromethane	1.873	101	72219	15.753	ug/l	96
8) Diethyl Ether	2.136	74	26533	16.955	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	34946	18.837	ug/l	99
10) Methyl Iodide	2.447	142	47253	19.326	ug/l	97
11) Tert butyl alcohol	2.983	59	36875	98.163	ug/l #	94
12) 1,1-Dichloroethene	2.312	96	33505	19.663	ug/l	90
13) Acrolein	2.233	56	47760	87.831	ug/l	100
14) Allyl chloride	2.654	41	55053	19.397	ug/l	99
15) Acrylonitrile	3.068	53	100187	96.281	ug/l	99
16) Acetone	2.386	43	87362	80.396	ug/l	94
17) Carbon Disulfide	2.501	76	61883	19.106	ug/l	99
18) Methyl Acetate	2.703	43	51928	18.534	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	122343	18.399	ug/l	96
20) Methylene Chloride	2.782	84	40273	19.732	ug/l	100
21) trans-1,2-Dichloroethene	3.087	96	34770	19.200	ug/l	95
22) Diisopropyl ether	3.763	45	123430	19.313	ug/l	94
23) Vinyl Acetate	3.721	43	517012	99.503	ug/l	99
24) 1,1-Dichloroethane	3.605	63	69838	19.604	ug/l	99
25) 2-Butanone	4.562	43	137972	89.313	ug/l	99
26) 2,2-Dichloropropane	4.471	77	59180	20.448	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	43520	18.922	ug/l	98
28) Bromochloromethane	4.891	49	30568	17.498	ug/l	100
29) Tetrahydrofuran	5.007	42	92642	93.430	ug/l	97
30) Chloroform	5.092	83	74772	18.681	ug/l	92
31) Cyclohexane	5.458	56	55094	19.151	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	62289	18.748	ug/l	98
36) 1,1-Dichloropropene	5.690	75	44543	18.284	ug/l	98
37) Ethyl Acetate	4.721	43	58608	19.462	ug/l	99
38) Carbon Tetrachloride	5.672	117	48269	18.404	ug/l	99
39) Methylcyclohexane	7.379	83	56507	19.402	ug/l	98
40) Benzene	6.037	78	148380	20.060	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	30502	19.075	ug/l	98
42) 1,2-Dichloroethane	6.086	62	57603	18.905	ug/l	99
43) Isopropyl Acetate	6.342	43	90225	19.169	ug/l	99
44) Trichloroethene	7.123	130	35150	19.056	ug/l	99
45) 1,2-Dichloropropane	7.427	63	36377	19.250	ug/l	92
46) Dibromomethane	7.586	93	28009	19.105	ug/l	95
47) Bromodichloromethane	7.824	83	47492	18.757	ug/l	97
48) Methyl methacrylate	7.696	41	43221	18.917	ug/l	98
49) 1,4-Dioxane	7.659	88	9745	257.250	ug/l #	68
51) 4-Methyl-2-Pentanone	8.574	43	286862	94.787	ug/l	100
52) Toluene	8.714	92	90242	19.428	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	47729	18.774	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	53718	19.485	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	35702	19.348	ug/l	93
56) Ethyl methacrylate	9.116	69	55693	19.118	ug/l	98
57) 1,3-Dichloropropane	9.305	76	63353	19.724	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	126572	86.145	ug/l	99
59) 2-Hexanone	9.433	43	204304	93.265	ug/l	98
60) Dibromochloromethane	9.518	129	33259	18.320	ug/l	98
61) 1,2-Dibromoethane	9.610	107	37294	19.855	ug/l	100
64) Tetrachloroethene	9.269	164	30384	19.589	ug/l	97
65) Chlorobenzene	10.079	112	97639	19.498	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	31230	19.405	ug/l	98
67) Ethyl Benzene	10.189	91	167223	19.327	ug/l	100
68) m/p-Xylenes	10.299	106	124845	39.322	ug/l	98
69) o-Xylene	10.640	106	61740	19.219	ug/l	98
70) Styrene	10.652	104	99766	19.373	ug/l	97
71) Bromoform	10.799	173	18740	18.657	ug/l #	100
73) Isopropylbenzene	10.963	105	159509	20.438	ug/l	100
74) N-amyl acetate	10.841	43	70274	19.483	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	53907	19.886	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	43670m	19.185	ug/l	
77) Bromobenzene	11.195	156	37389	19.755	ug/l	100
78) n-propylbenzene	11.305	91	175046	20.292	ug/l	99
79) 2-Chlorotoluene	11.366	91	109103	19.557	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	128741	19.891	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12897	20.003	ug/l	95
82) 4-Chlorotoluene	11.451	91	122217	19.783	ug/l	99
83) tert-Butylbenzene	11.713	119	129411	20.232	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	129290	20.340	ug/l	99
85) sec-Butylbenzene	11.890	105	156306	20.129	ug/l	99
86) p-Isopropyltoluene	12.006	119	126037	19.501	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	65335	19.763	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	66369	19.529	ug/l	99
89) n-Butylbenzene	12.329	91	103934	19.124	ug/l	99
90) Hexachloroethane	12.536	117	17384	18.426	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	65366	19.042	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9208	17.498	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	36183	19.227	ug/l	99
94) Hexachlorobutadiene	13.725	225	15368	20.302	ug/l	99
95) Naphthalene	13.774	128	139046	18.928	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	39406	19.742	ug/l	99

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

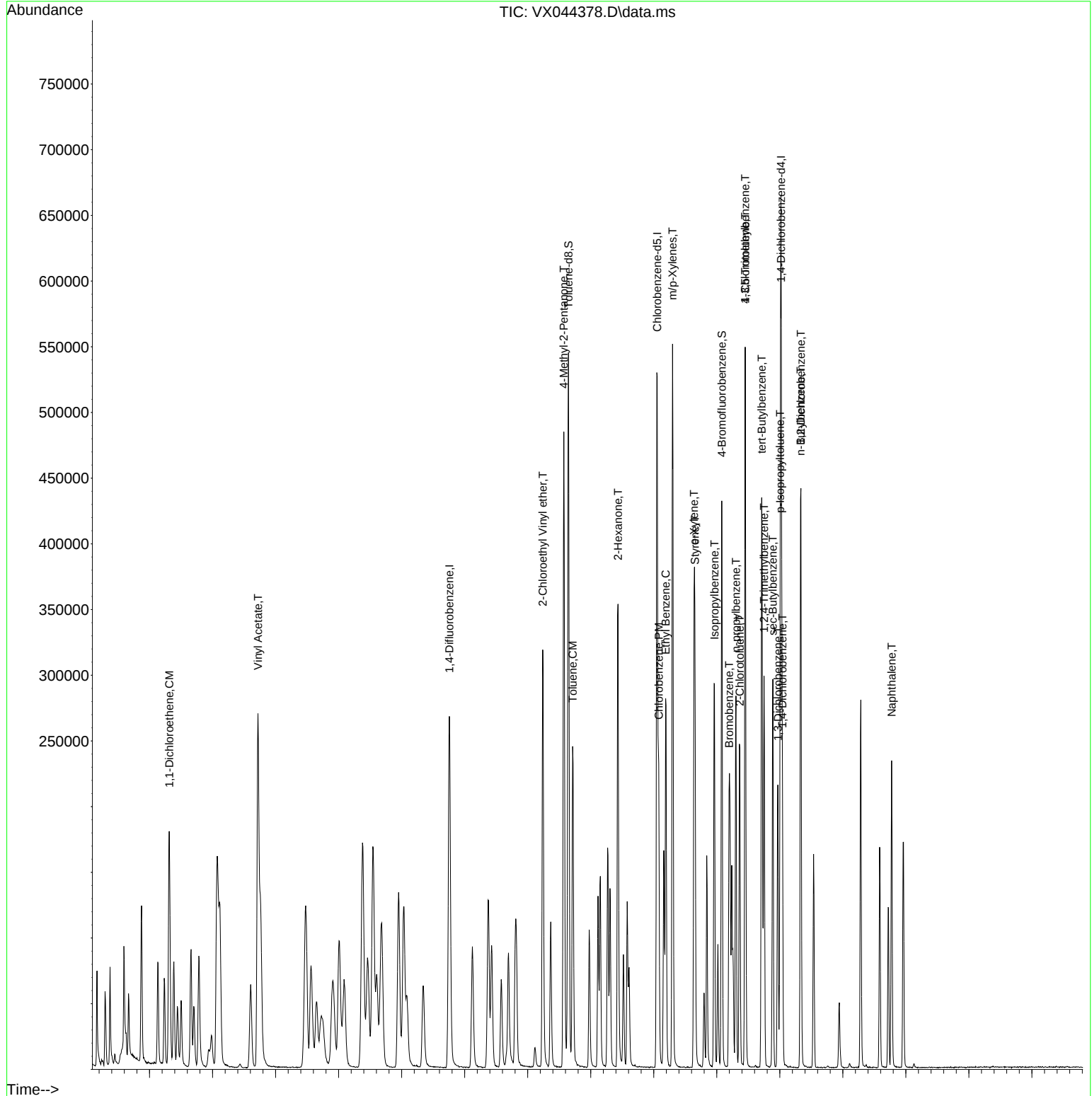
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
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ALS Vial : 5 Sample Multiplier: 1

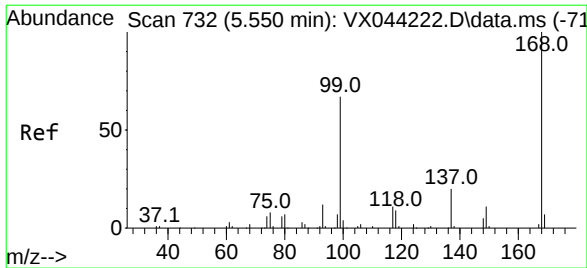
Instrument :
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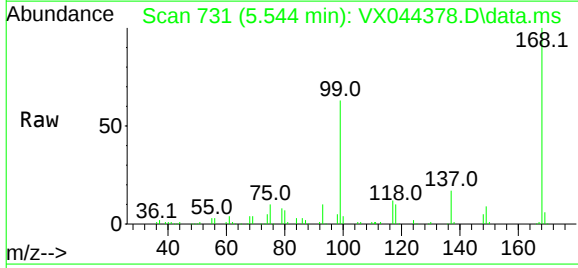
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
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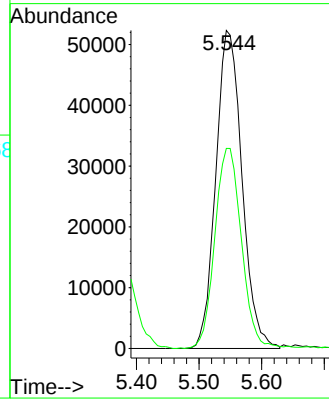
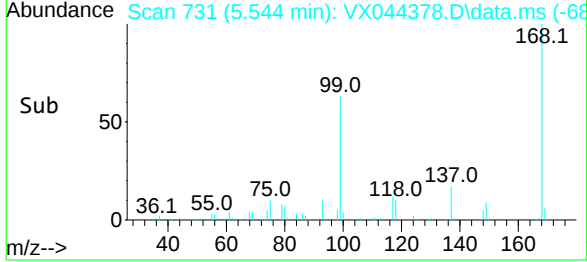
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



Tgt Ion:168 Resp: 152020
Ion Ratio Lower Upper
168 100
99 62.7 53.4 80.0

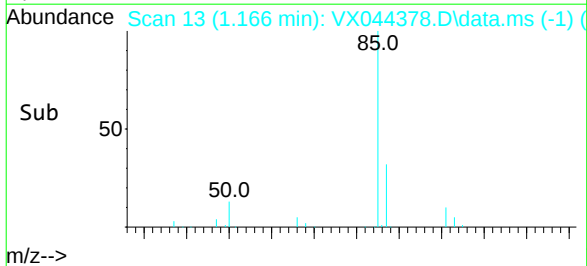
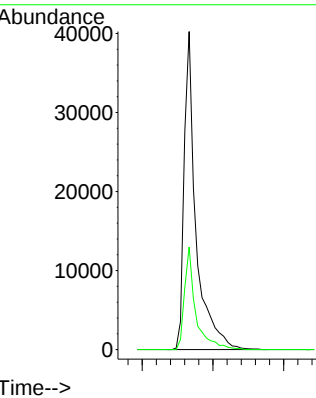
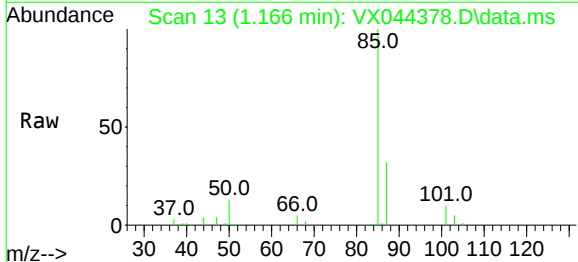
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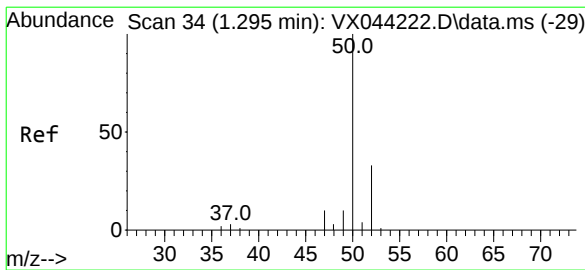
Reviewed By :John Carlone 12/20/2024
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#2
Dichlorodifluoromethane
Concen: 19.874 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Tgt Ion: 85 Resp: 46716
Ion Ratio Lower Upper
85 100
87 32.3 15.4 46.4





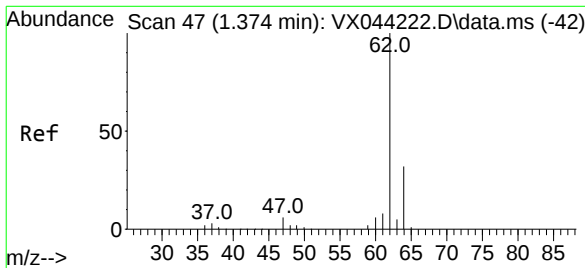
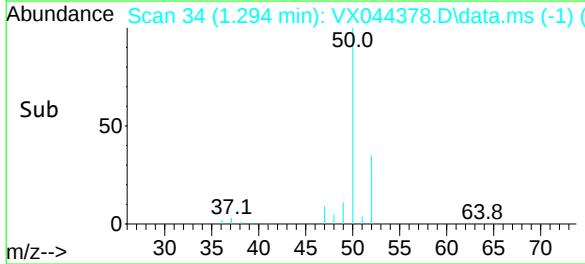
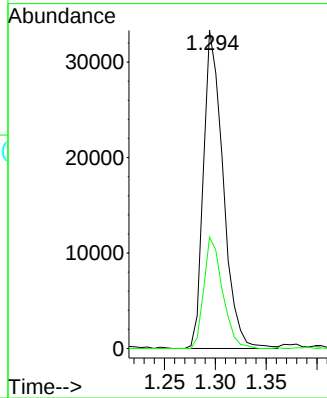
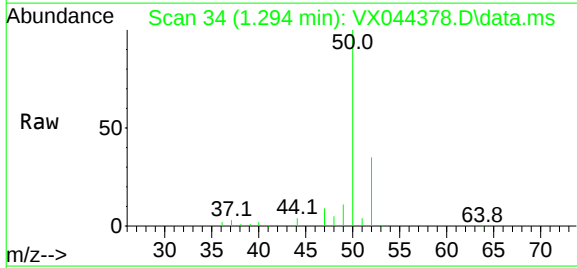
#3
Chloromethane
Concen: 19.904 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Instrument :
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ClientSampleId :
VX1218WBS01

Tgt Ion: 50 Resp: 44741
Ion Ratio Lower Upper
50 100
52 35.0 26.5 39.7

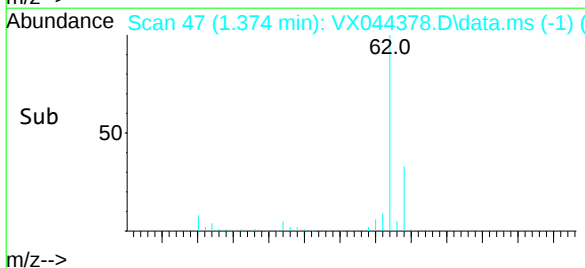
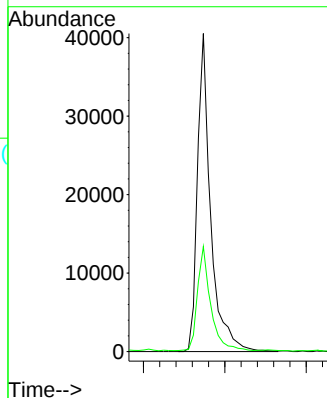
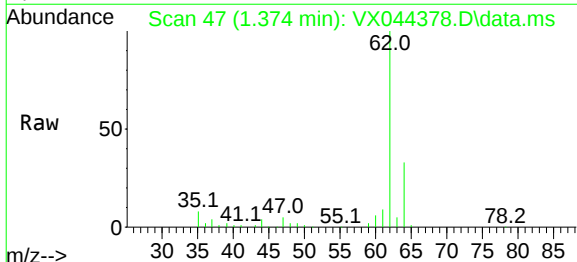
Manual Integrations
APPROVED

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#4
Vinyl Chloride
Concen: 19.450 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Tgt Ion: 62 Resp: 45549
Ion Ratio Lower Upper
62 100
64 32.7 25.7 38.5





#5

Bromomethane

Concen: 17.194 ug/l

RT: 1.593 min Scan# 83

Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tgt Ion: 94 Resp: 28566

Ion Ratio Lower Upper

94 100

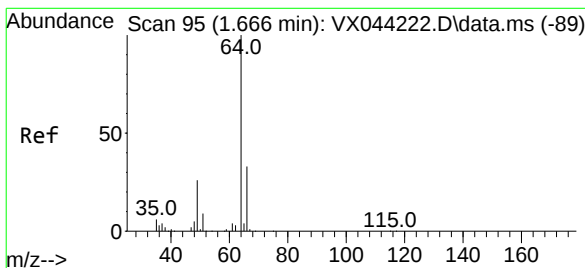
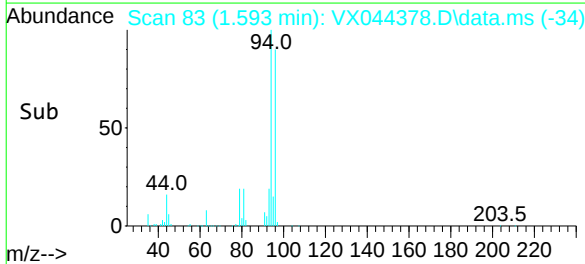
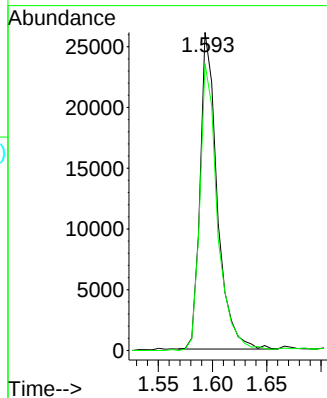
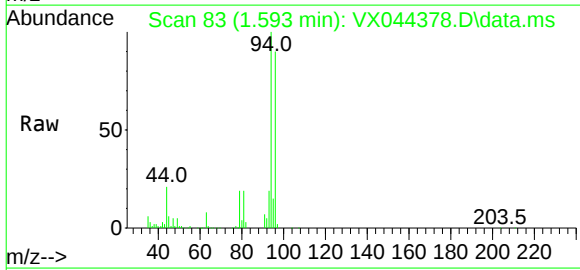
96 90.6 74.9 112.3

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#6

Chloroethane

Concen: 21.055 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

Lab File: VX044378.D

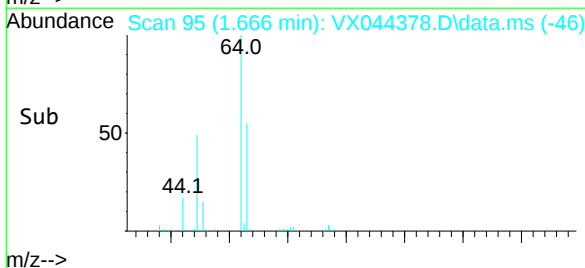
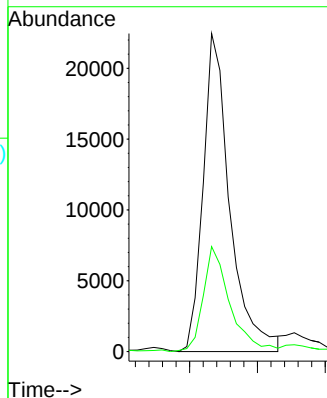
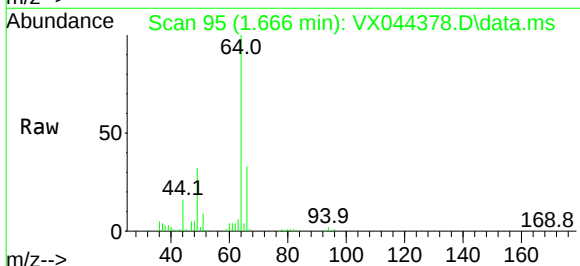
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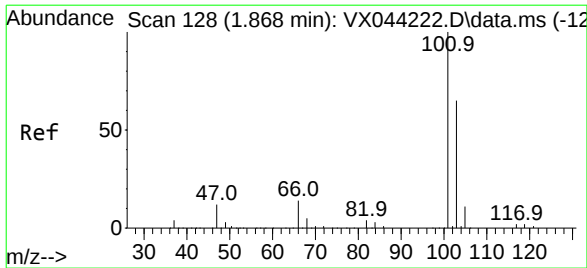
Tgt Ion: 64 Resp: 30702

Ion Ratio Lower Upper

64 100

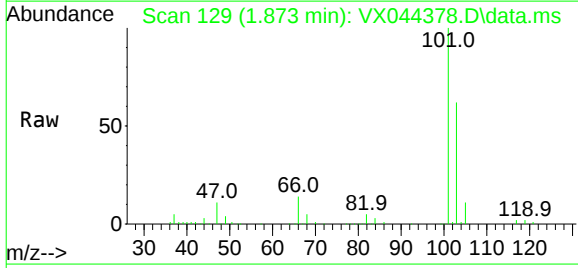
66 32.7 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 15.753 ug/l
 RT: 1.873 min Scan# 128
 Delta R.T. 0.006 min
 Lab File: VX044378.D
 Acq: 18 Dec 2024 13:11

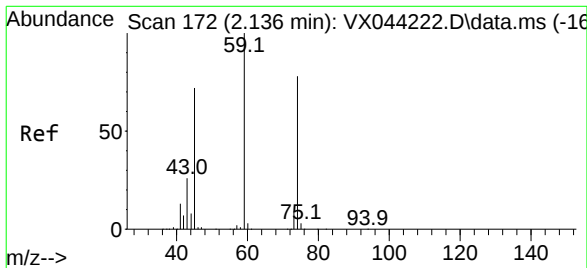
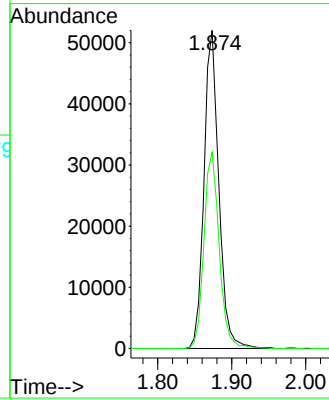
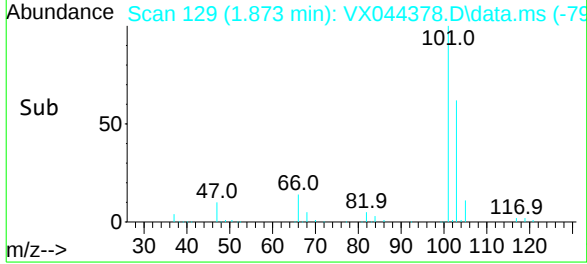
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01



Tgt Ion: 101 Resp: 72219
 Ion Ratio Lower Upper
 101 100
 103 61.7 51.8 77.8

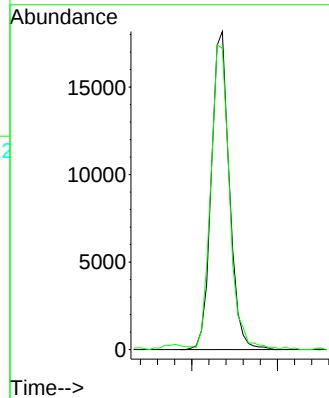
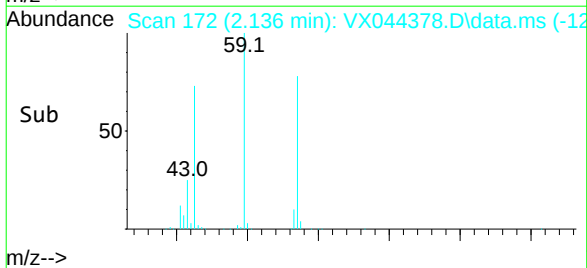
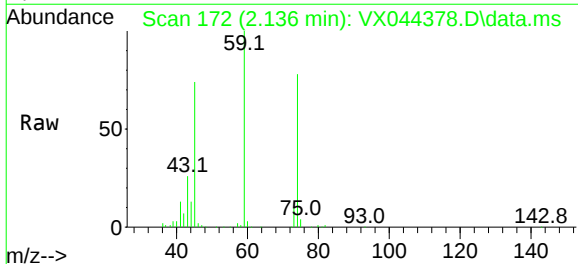
Manual Integrations
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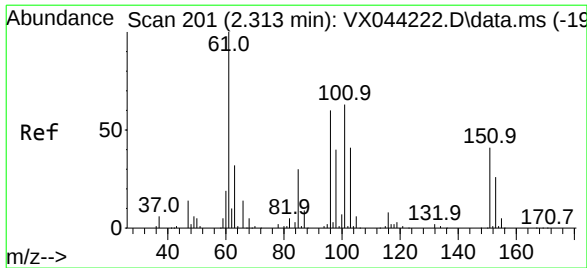
Reviewed By : John Carlone 12/20/2024
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#8
 Diethyl Ether
 Concen: 16.955 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX044378.D
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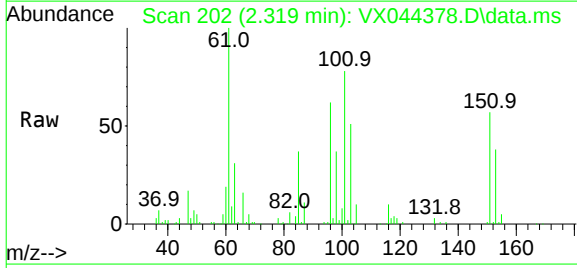
Tgt Ion: 74 Resp: 26533
 Ion Ratio Lower Upper
 74 100
 45 98.9 48.4 145.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.837 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

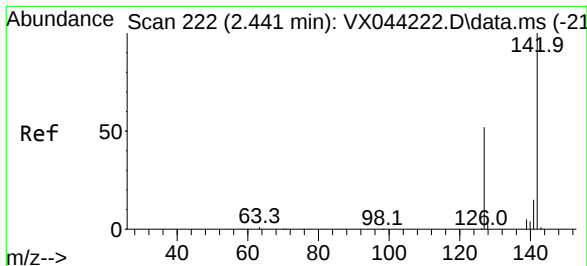
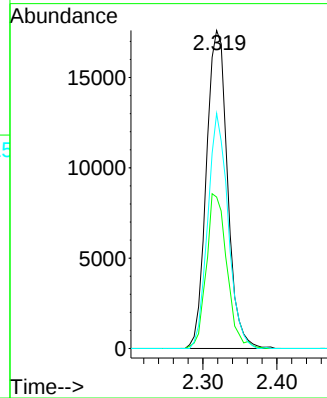
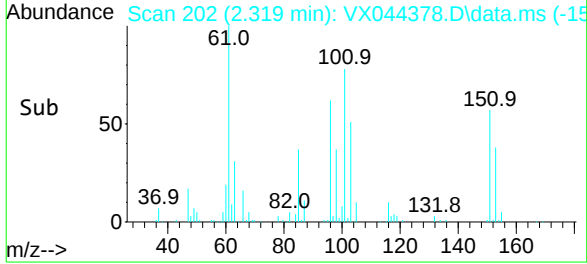
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



Tgt Ion:101 Resp: 34946
Ion Ratio Lower Upper
101 100
85 47.3 38.5 57.7
151 71.1 55.8 83.6

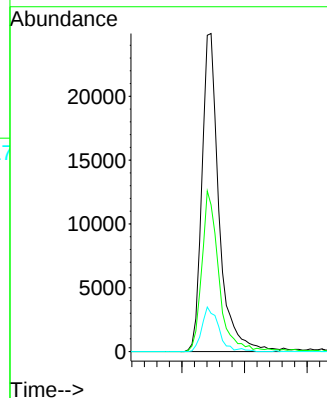
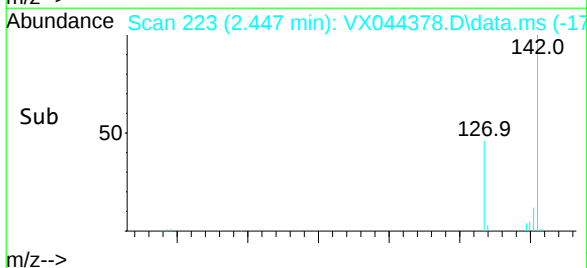
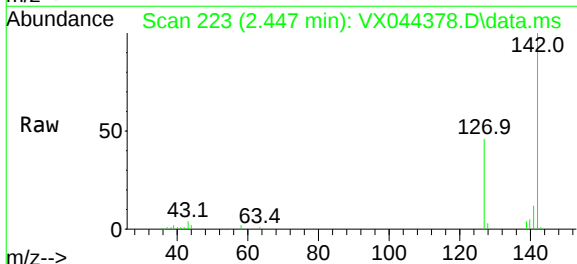
Manual Integrations
APPROVED

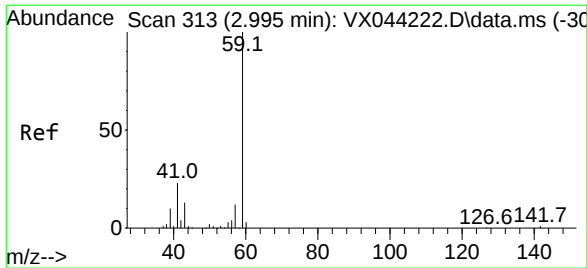
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#10
Methyl Iodide
Concen: 19.326 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

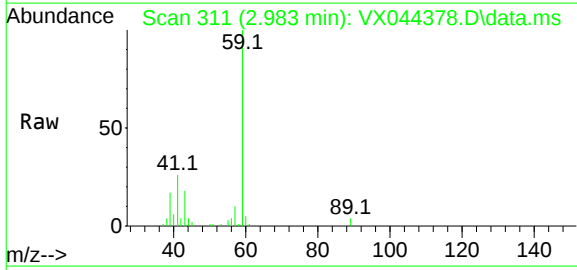
Tgt Ion:142 Resp: 47253
Ion Ratio Lower Upper
142 100
127 49.9 41.8 62.8
141 13.5 11.5 17.3





#11
Tert butyl alcohol
Concen: 98.163 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

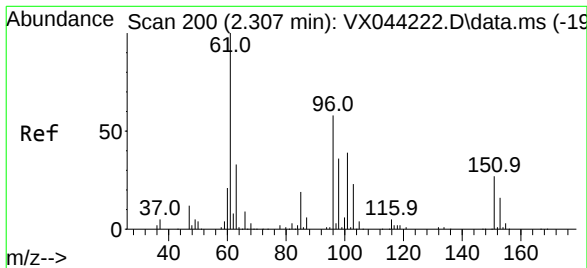
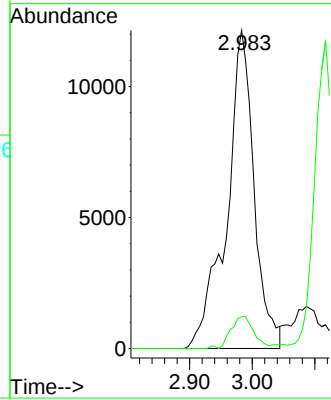
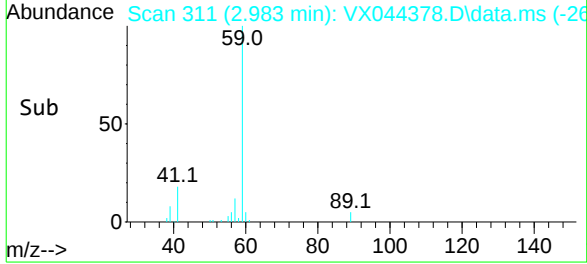
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



Tgt Ion: 59 Resp: 36875
Ion Ratio Lower Upper
59 100
57 8.6 8.8 13.2#

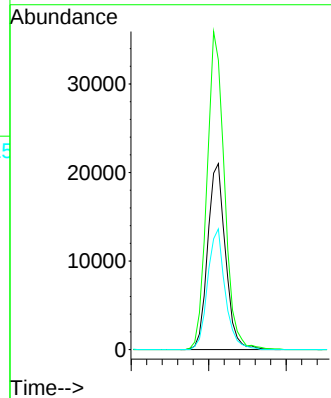
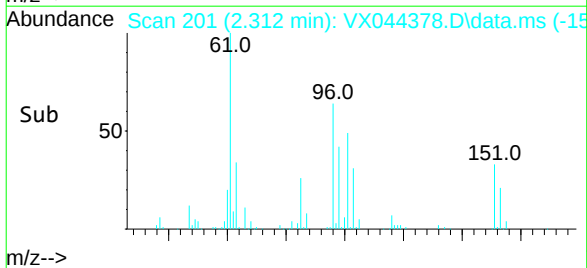
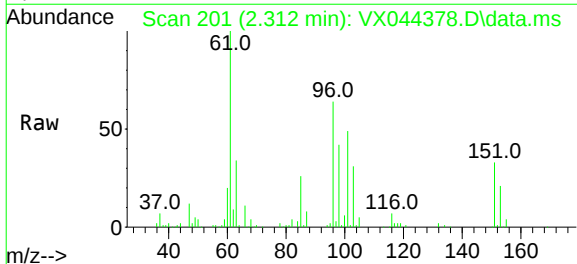
Manual Integrations
APPROVED

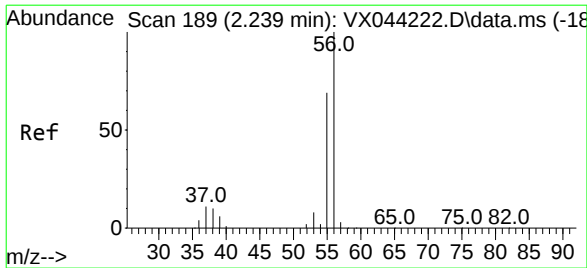
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#12
1,1-Dichloroethene
Concen: 19.663 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

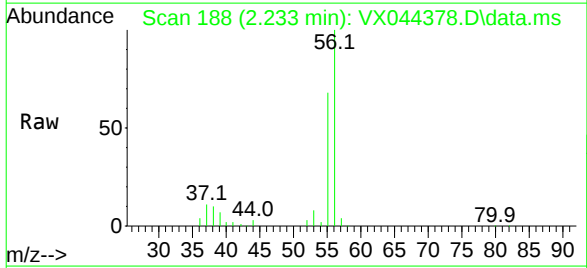
Tgt Ion: 96 Resp: 33505
Ion Ratio Lower Upper
96 100
61 155.7 138.0 207.0
98 64.9 50.0 75.0





#13
Acrolein
Concen: 87.831 ug/l
RT: 2.233 min Scan# 18
Delta R.T. -0.006 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

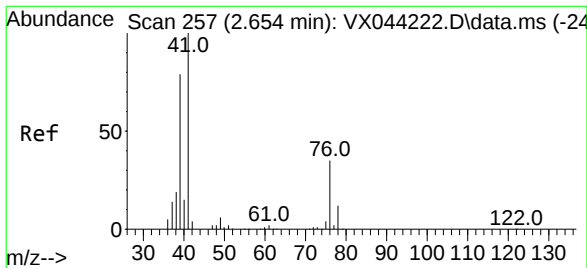
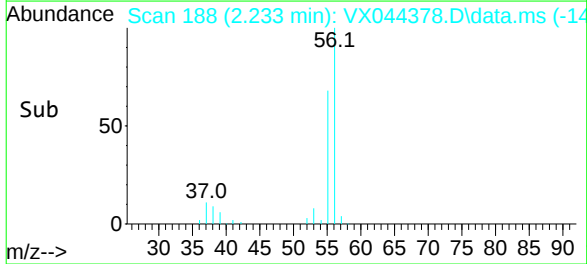
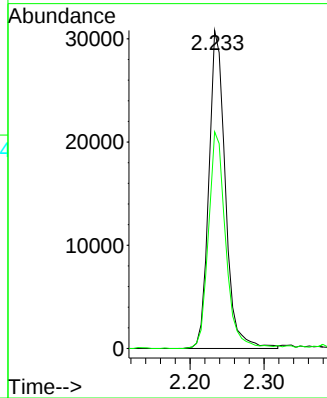
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



Tgt Ion: 56 Resp: 47760
Ion Ratio Lower Upper
56 100
55 71.0 56.6 84.8

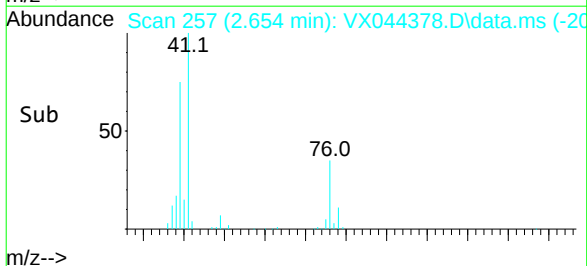
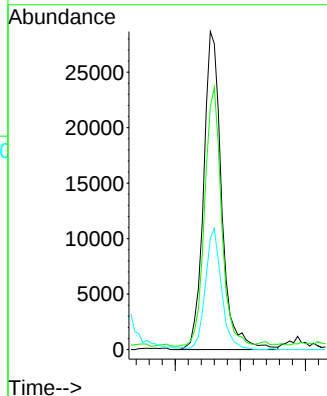
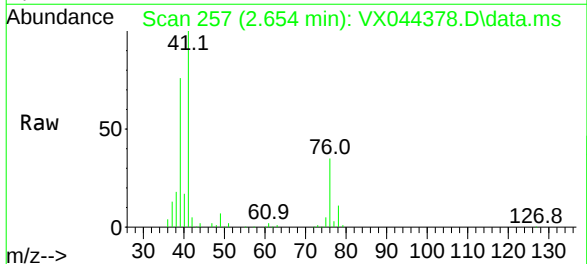
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#14
Allyl chloride
Concen: 19.397 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

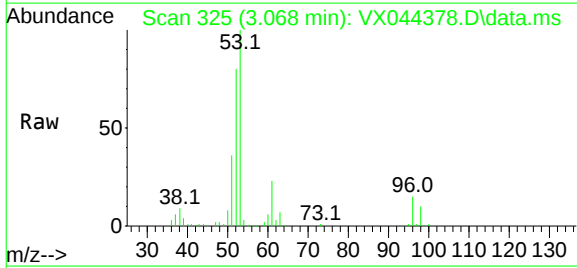
Tgt Ion: 41 Resp: 55053
Ion Ratio Lower Upper
41 100
39 76.2 61.9 92.9
76 34.0 27.4 41.2





#15
Acrylonitrile
Concen: 96.281 ug/l
RT: 3.068 min Scan# 32
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

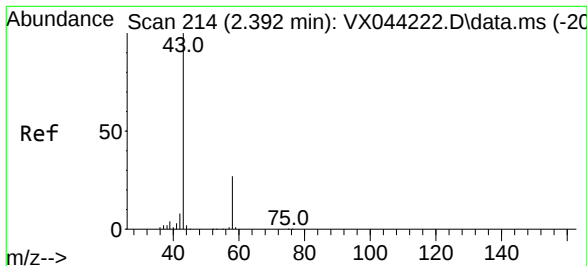
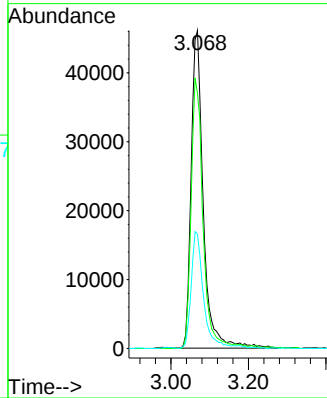
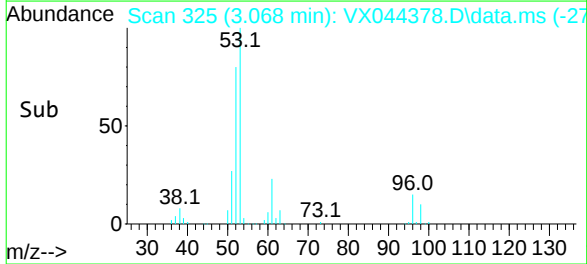
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



Tgt Ion: 53 Resp: 100187
Ion Ratio Lower Upper
53 100
52 82.3 67.4 101.0
51 37.9 30.3 45.5

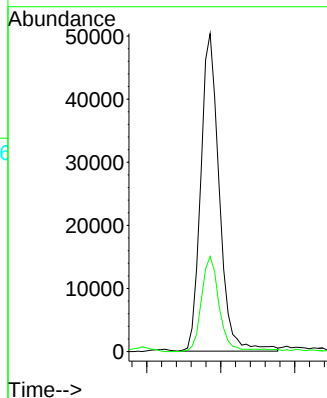
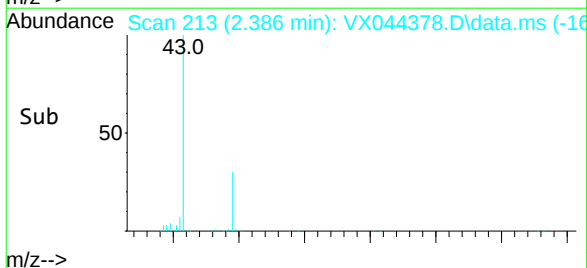
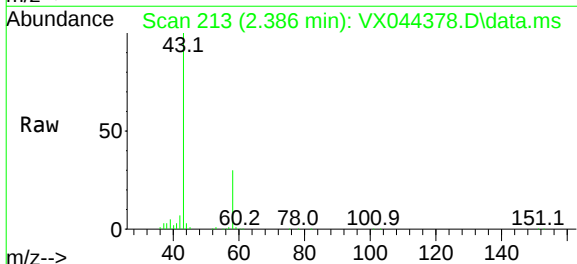
Manual Integrations
APPROVED

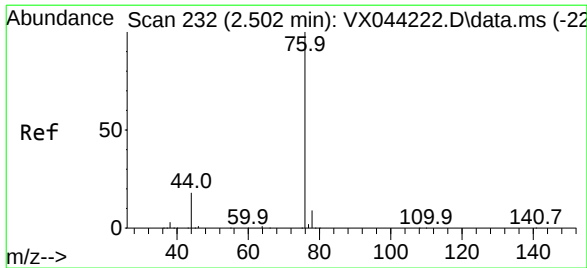
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#16
Acetone
Concen: 80.396 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Tgt Ion: 43 Resp: 87362
Ion Ratio Lower Upper
43 100
58 29.9 21.6 32.4





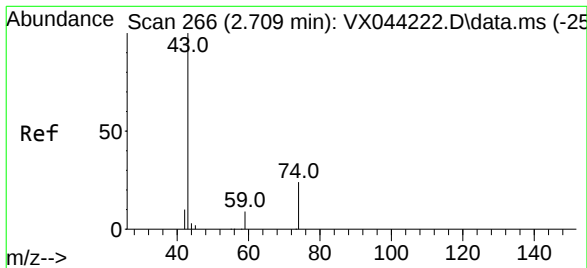
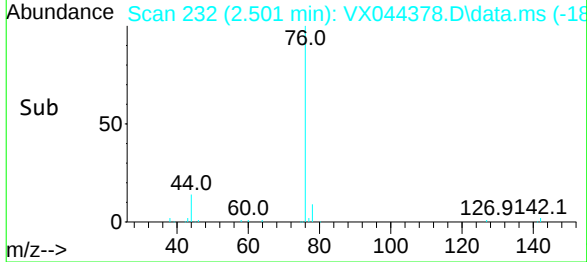
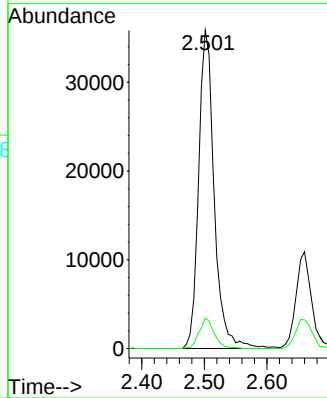
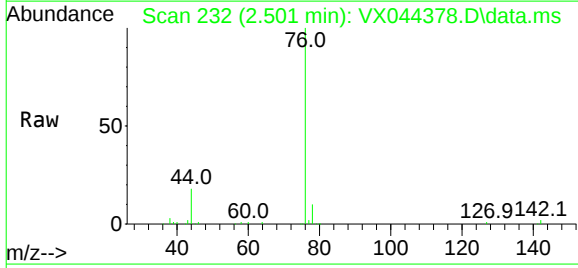
#17
Carbon Disulfide
Concen: 19.106 ug/l
RT: 2.501 min Scan# 23
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tgt Ion: 76 Resp: 61883
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

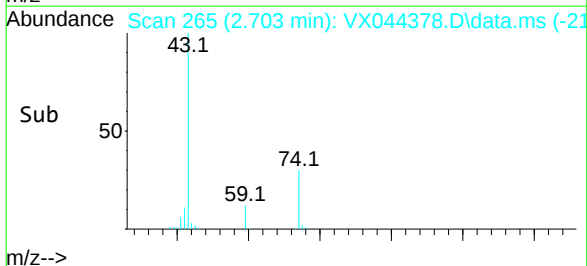
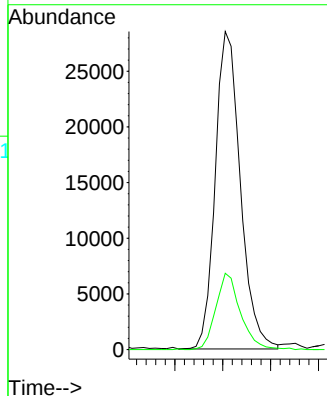
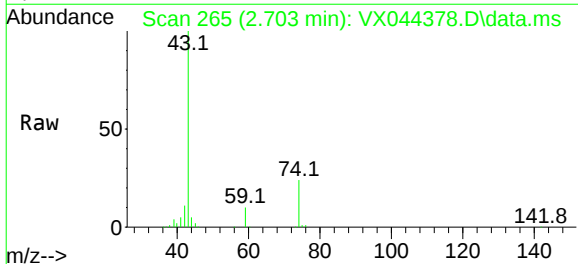
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
Methyl Acetate
Concen: 18.534 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

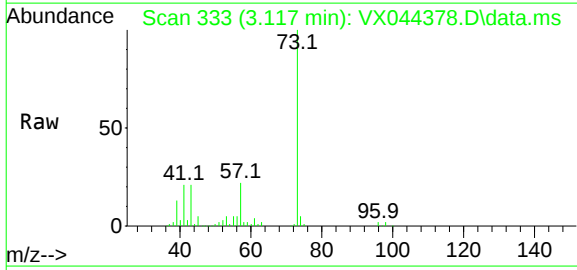
Tgt Ion: 43 Resp: 51928
Ion Ratio Lower Upper
43 100
74 23.6 17.7 26.5





#19
Methyl tert-butyl Ether
Concen: 18.399 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

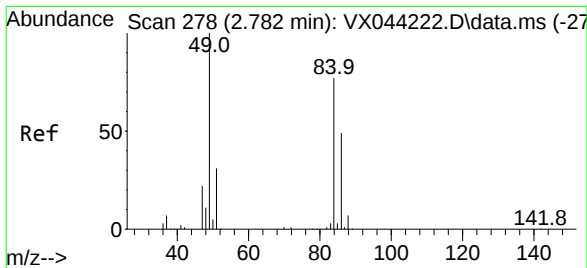
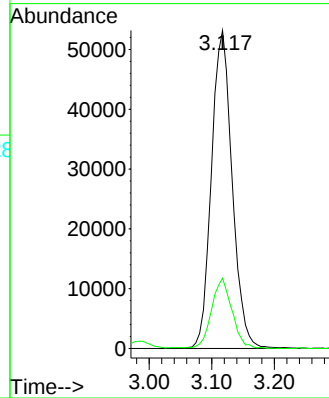
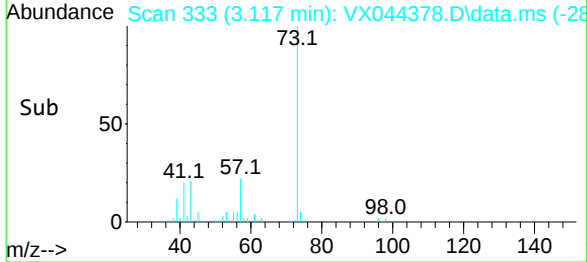
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



Tgt Ion: 73 Resp: 122343
Ion Ratio Lower Upper
73 100
57 22.1 16.2 24.4

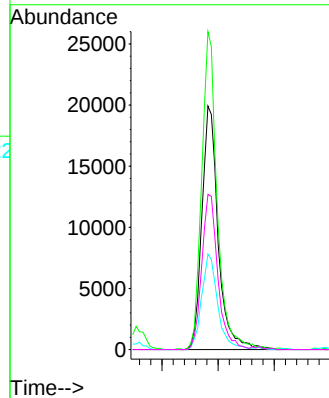
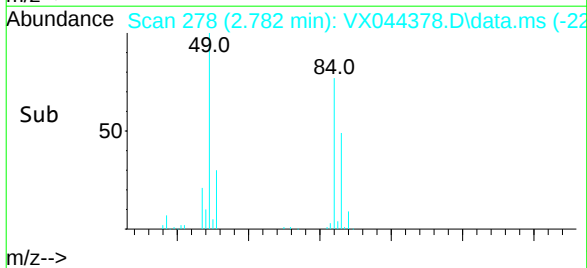
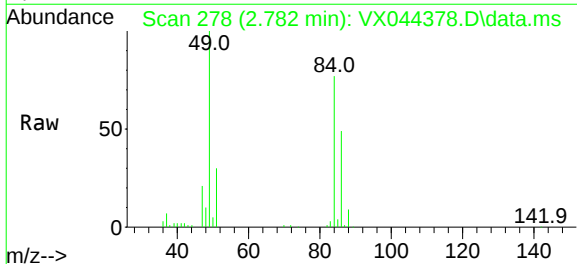
Manual Integrations
APPROVED

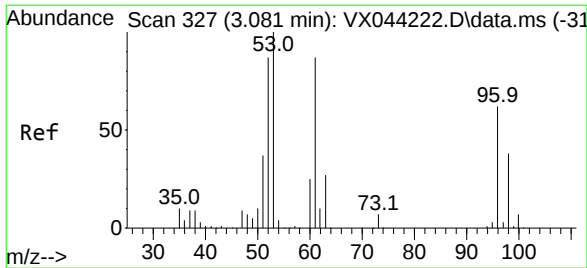
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#20
Methylene Chloride
Concen: 19.732 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

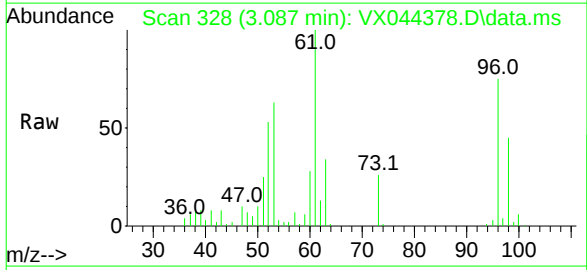
Tgt Ion: 84 Resp: 40273
Ion Ratio Lower Upper
84 100
49 130.3 104.2 156.4
51 39.2 32.2 48.4
86 63.7 50.9 76.3





#21
trans-1,2-Dichloroethene
Concen: 19.200 ug/l
RT: 3.087 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

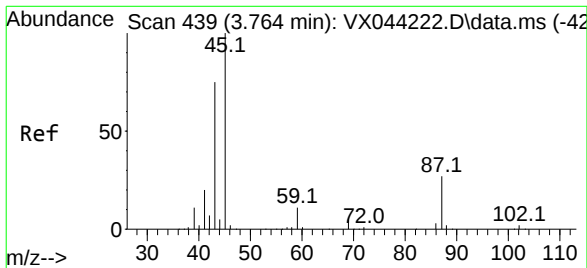
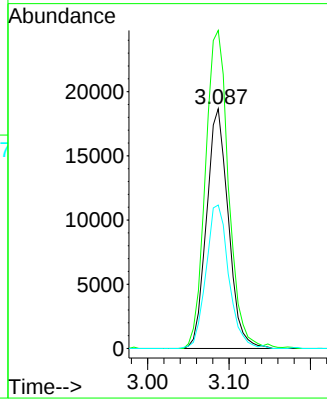
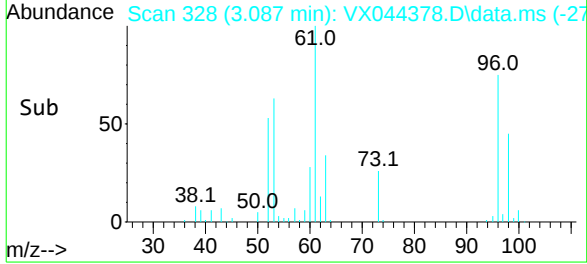
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



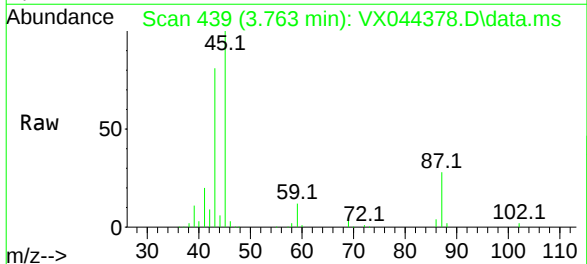
Tgt Ion: 96 Resp: 34770
Ion Ratio Lower Upper
96 100
61 132.6 112.0 168.0
98 59.8 48.8 73.2

Manual Integrations
APPROVED

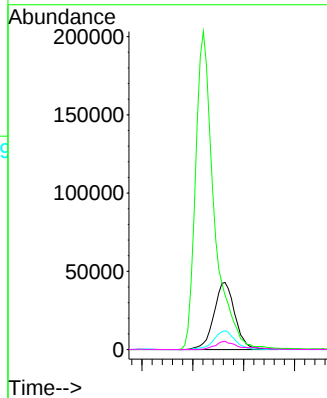
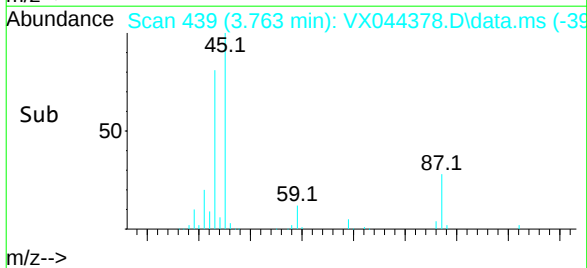
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

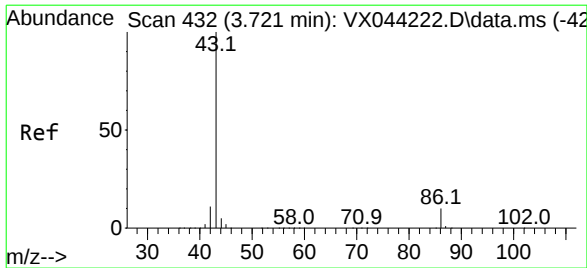


#22
Diisopropyl ether
Concen: 19.313 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11



Tgt Ion: 45 Resp: 123430
Ion Ratio Lower Upper
45 100
43 81.1 60.2 90.2
87 27.9 21.2 31.8
59 12.4 8.9 13.3





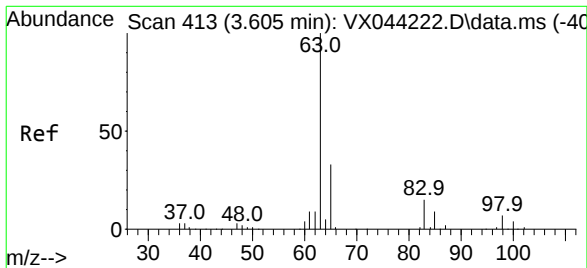
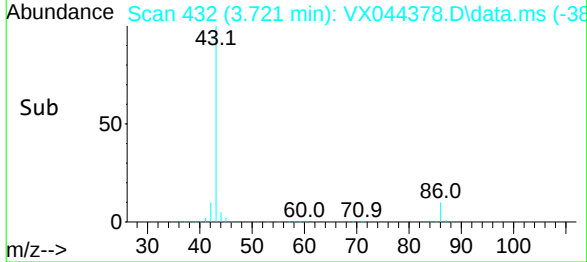
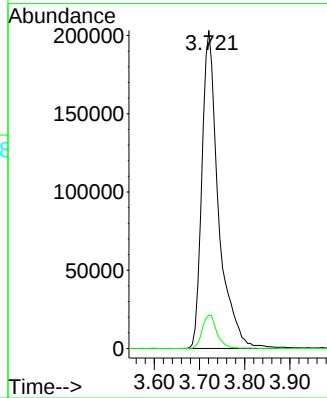
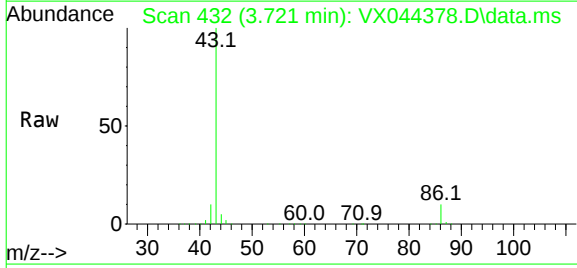
#23
 Vinyl Acetate
 Concen: 99.503 ug/l
 RT: 3.721 min Scan# 43
 Delta R.T. -0.000 min
 Lab File: VX044378.D
 Acq: 18 Dec 2024 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01

Tgt Ion: 43 Resp: 517012
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.2 12.2

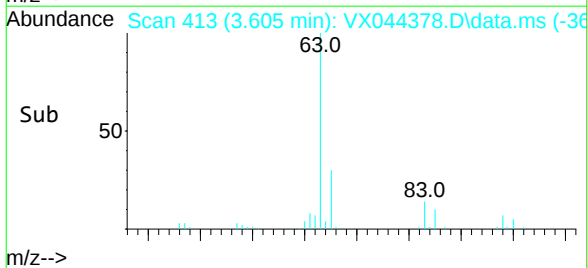
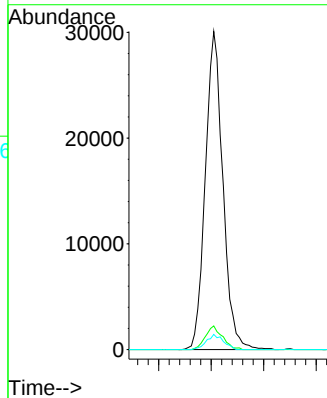
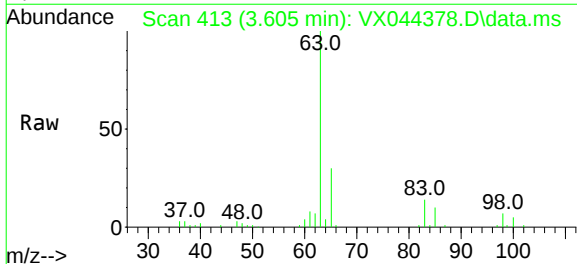
Manual Integrations
 APPROVED

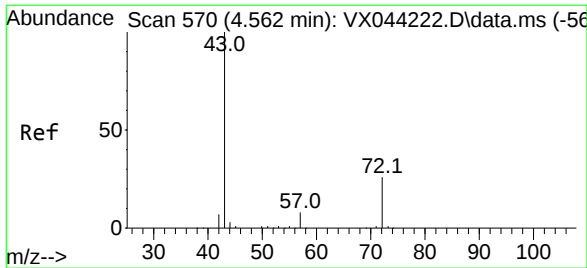
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#24
 1,1-Dichloroethane
 Concen: 19.604 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX044378.D
 Acq: 18 Dec 2024 13:11

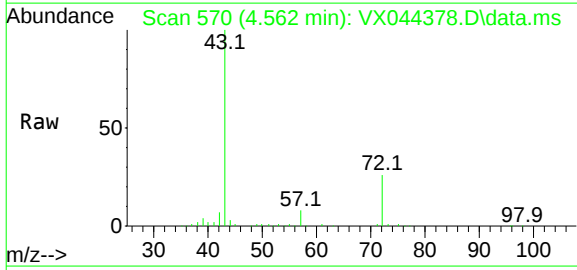
Tgt Ion: 63 Resp: 69838
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.8 2.1 6.3





#25
2-Butanone
Concen: 89.313 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

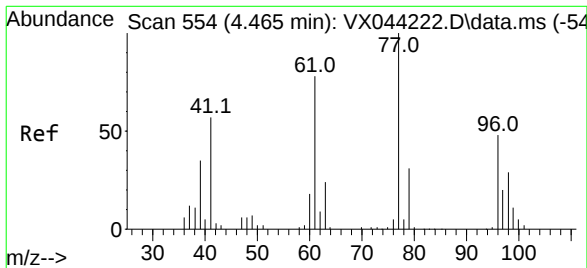
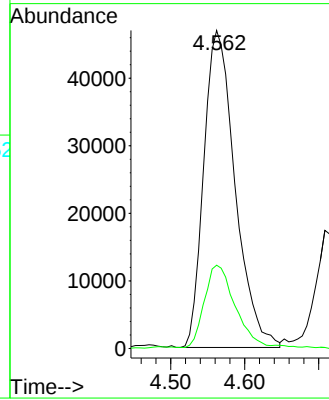
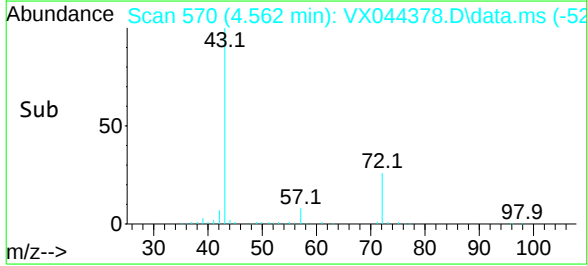
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



Tgt Ion: 43 Resp: 137972
Ion Ratio Lower Upper
43 100
72 25.9 20.2 30.4

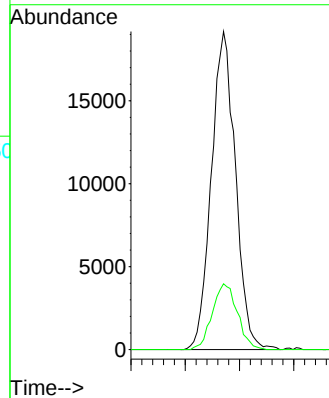
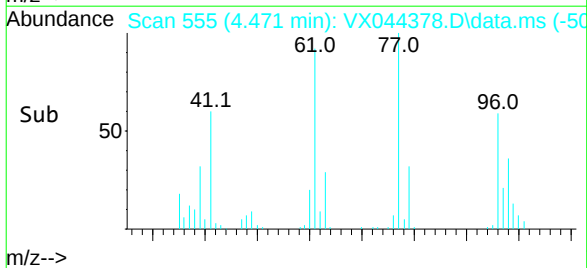
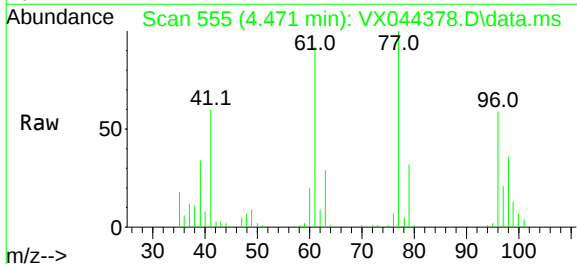
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#26
2,2-Dichloropropane
Concen: 20.448 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

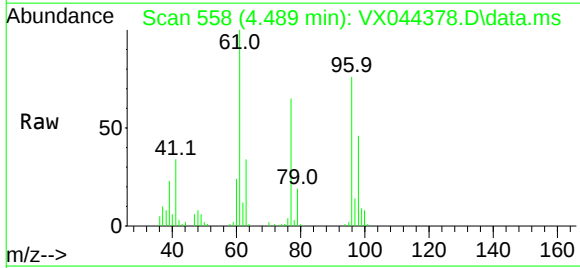
Tgt Ion: 77 Resp: 59180
Ion Ratio Lower Upper
77 100
97 21.5 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 18.922 ug/l
 RT: 4.489 min Scan# 557
 Delta R.T. 0.006 min
 Lab File: VX044378.D
 Acq: 18 Dec 2024 13:11

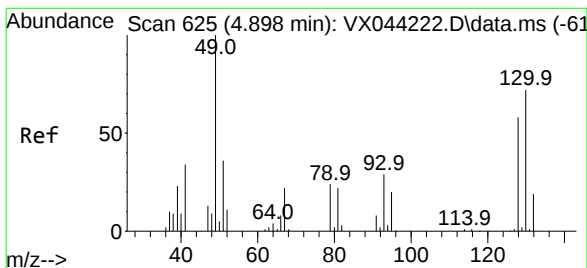
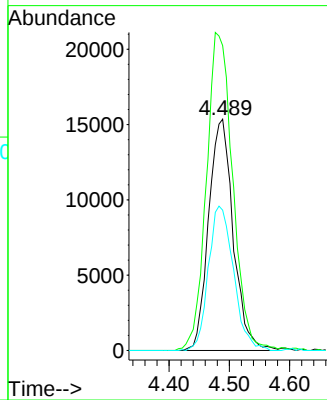
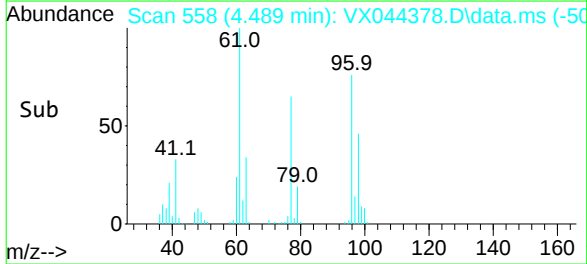
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1218WBS01



Tgt Ion: 96 Resp: 43520
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 299.0
 98 63.8 0.0 129.0

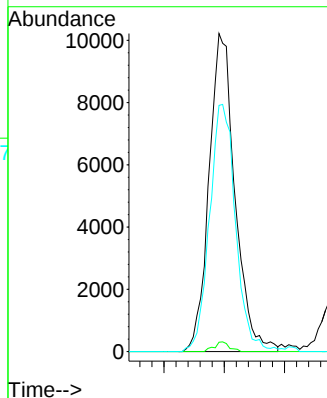
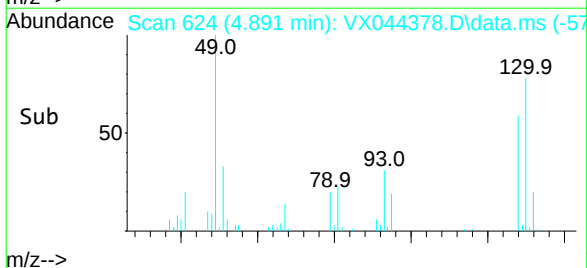
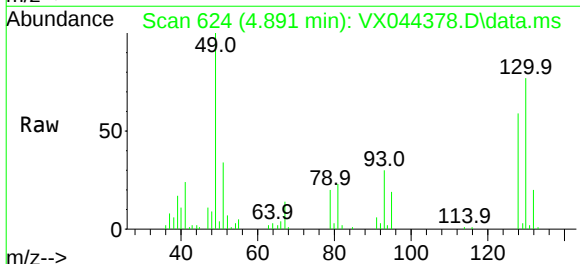
Manual Integrations
 APPROVED

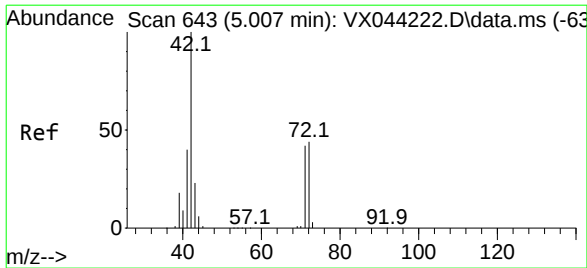
Reviewed By :John Carlone 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#28
 Bromochloromethane
 Concen: 17.498 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX044378.D
 Acq: 18 Dec 2024 13:11

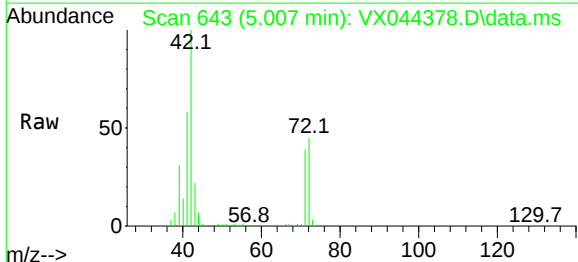
Tgt Ion: 49 Resp: 30568
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.2
 130 78.0 62.1 93.1





#29
Tetrahydrofuran
Concen: 93.430 ug/l
RT: 5.007 min Scan# 643
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

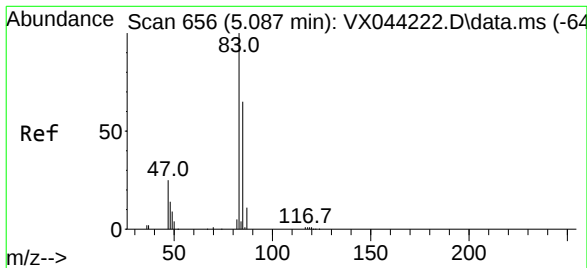
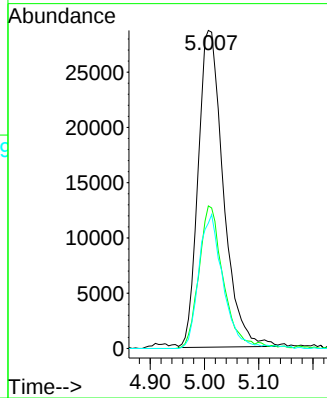
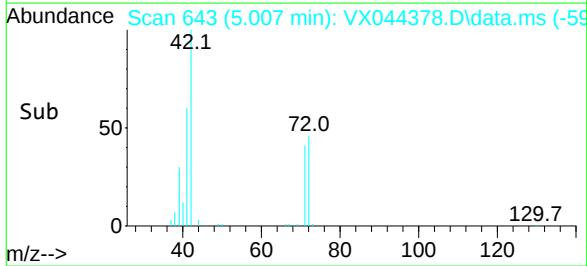
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



Tgt Ion: 42 Resp: 92642
Ion Ratio Lower Upper
42 100
72 44.0 37.0 55.6
71 40.6 33.6 50.4

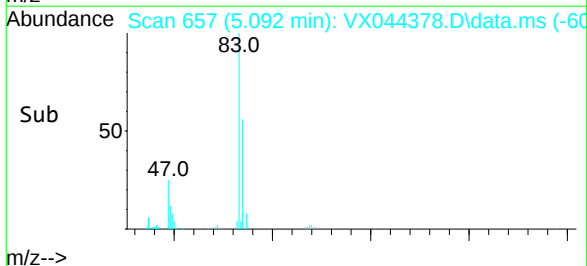
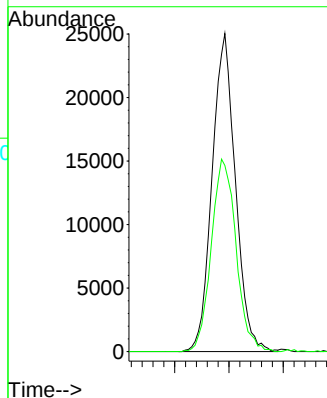
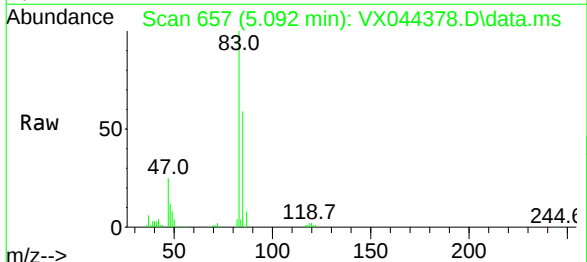
Manual Integrations
APPROVED

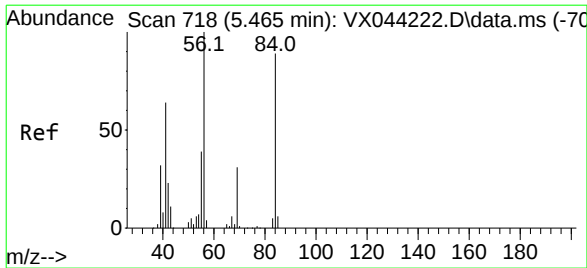
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#30
Chloroform
Concen: 18.681 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.006 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Tgt Ion: 83 Resp: 74772
Ion Ratio Lower Upper
83 100
85 58.5 51.6 77.4





#31

Cyclohexane

Concen: 19.151 ug/l

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX044378.D

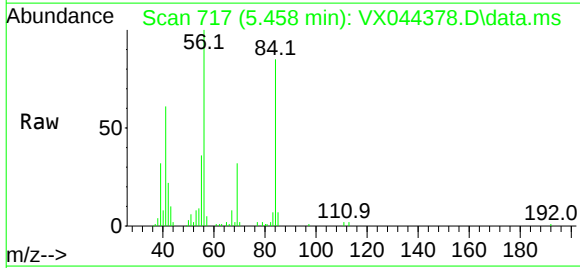
Acq: 18 Dec 2024 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01



Tgt Ion: 56 Resp: 55094

Ion Ratio Lower Upper

56 100

69 31.5 24.7 37.1

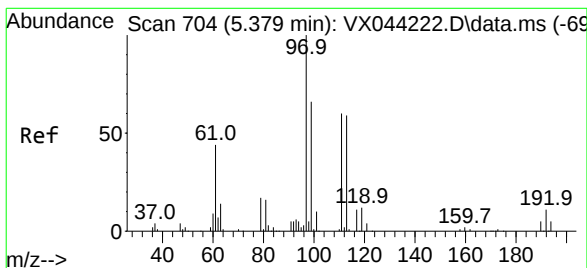
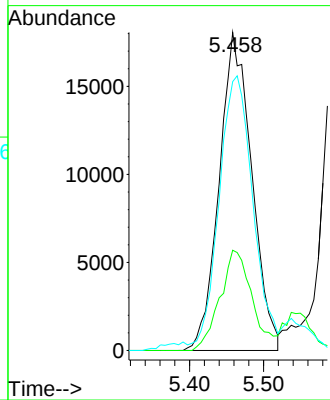
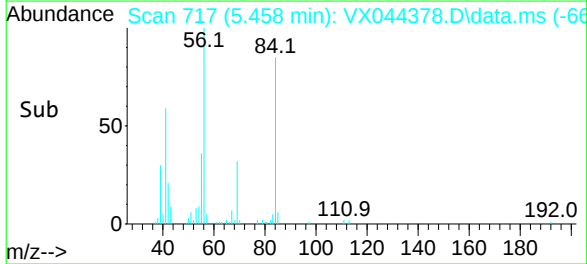
84 82.7 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#32

1,1,1-Trichloroethane

Concen: 18.748 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

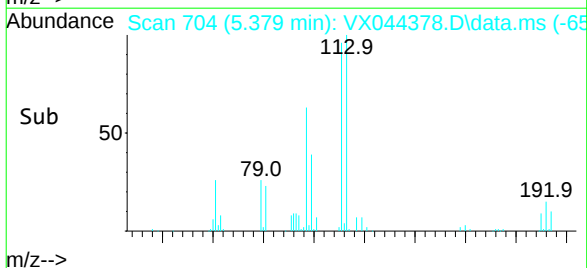
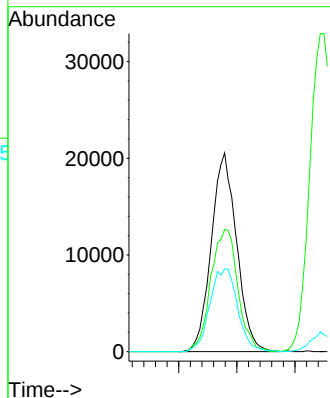
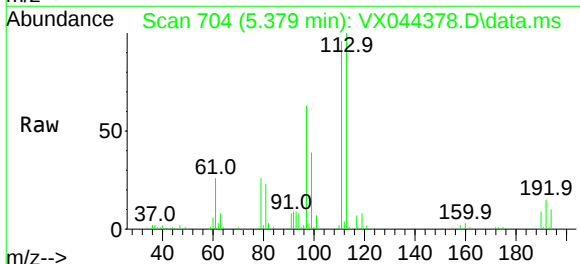
Tgt Ion: 97 Resp: 62289

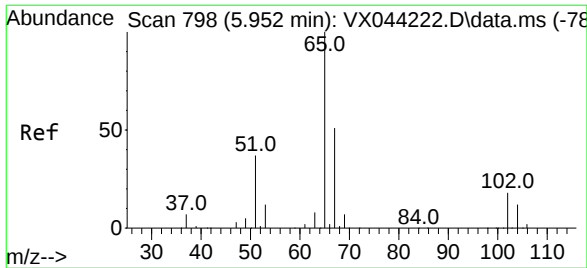
Ion Ratio Lower Upper

97 100

99 65.4 50.8 76.2

61 45.5 35.2 52.8





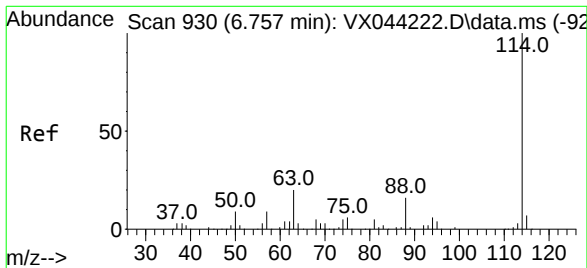
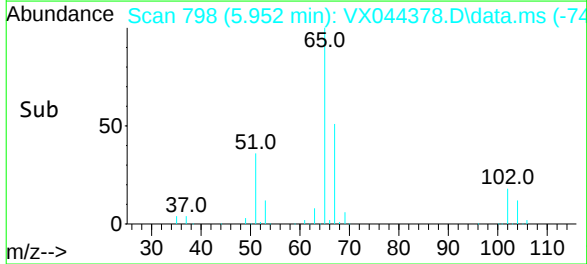
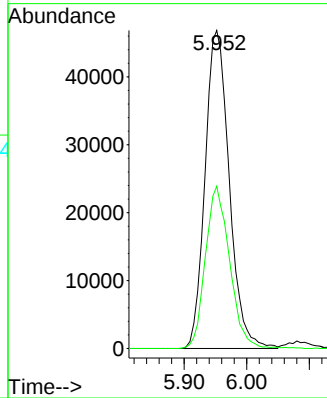
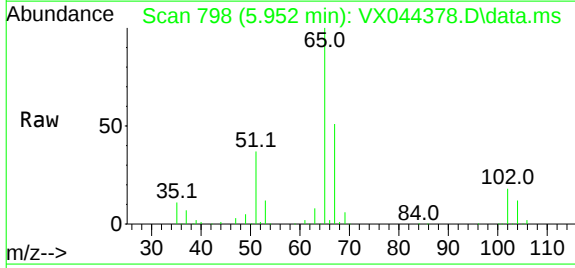
#33
1,2-Dichloroethane-d4
Concen: 47.186 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tgt Ion: 65 Resp: 125769
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.6

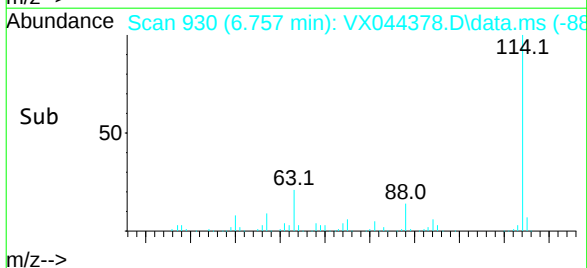
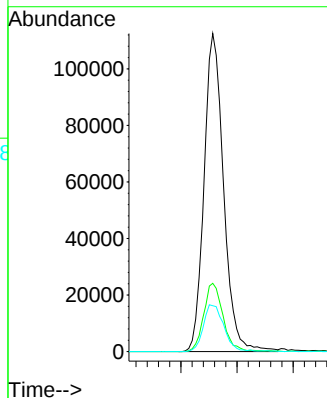
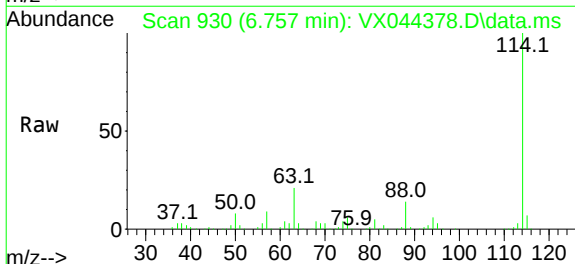
Manual Integrations
APPROVED

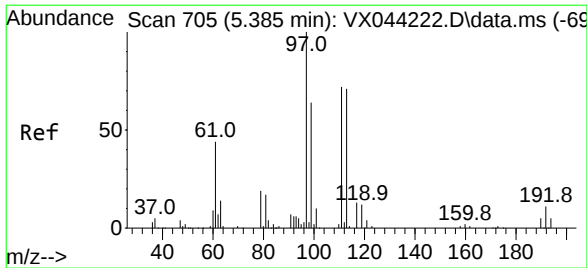
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Tgt Ion:114 Resp: 272118
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.6
88 14.4 0.0 31.8





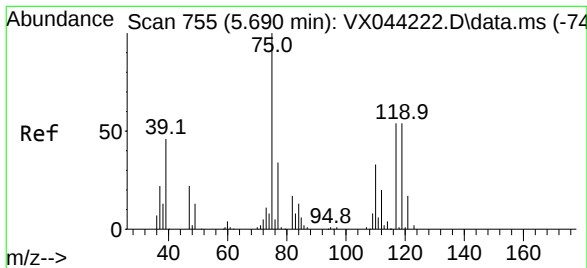
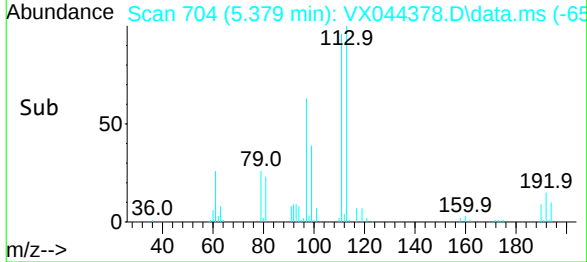
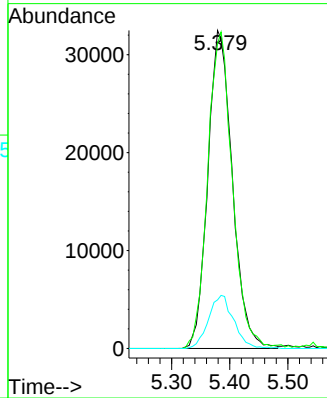
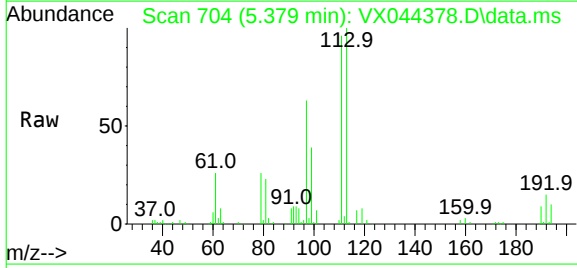
#35
Dibromofluoromethane
Concen: 50.526 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tgt Ion: 113 Resp: 95224
Ion Ratio Lower Upper
113 100
111 100.0 80.4 120.6
192 17.2 13.3 19.9

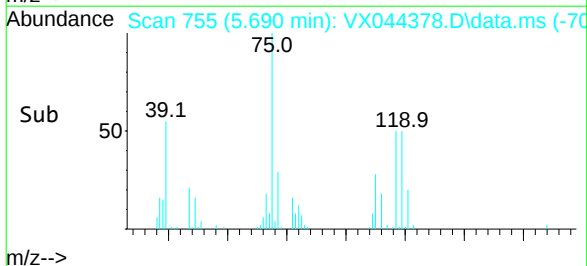
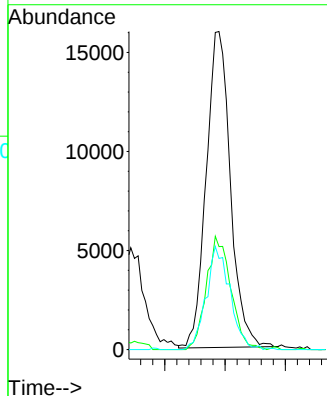
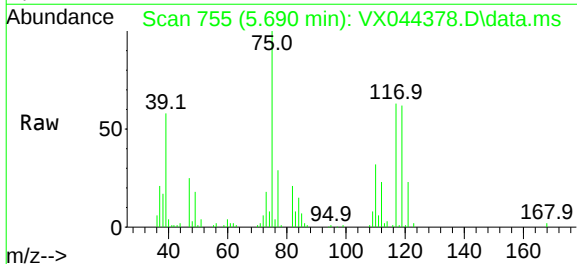
Manual Integrations
APPROVED

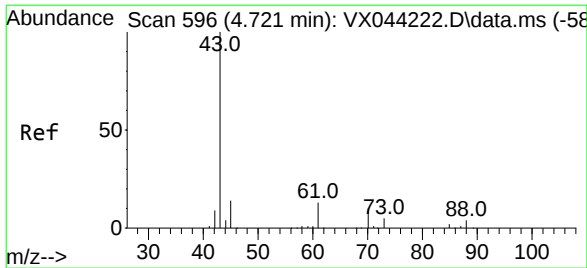
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024



#36
1,1-Dichloropropene
Concen: 18.284 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Tgt Ion: 75 Resp: 44543
Ion Ratio Lower Upper
75 100
110 36.0 17.3 51.7
77 32.2 25.4 38.0





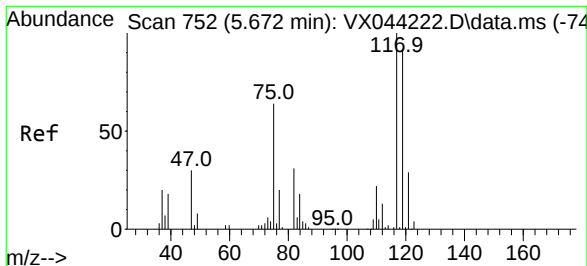
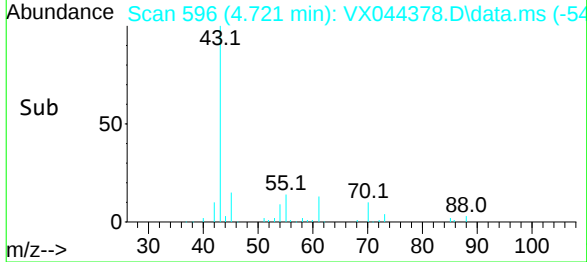
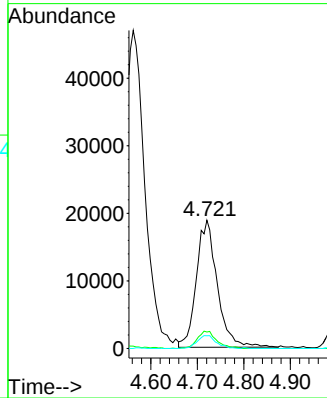
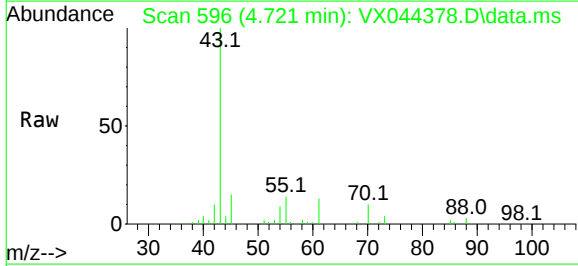
#37
Ethyl Acetate
Concen: 19.462 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tgt Ion: 43 Resp: 58608
Ion Ratio Lower Upper
43 100
61 12.7 9.8 14.8
70 9.3 7.7 11.5

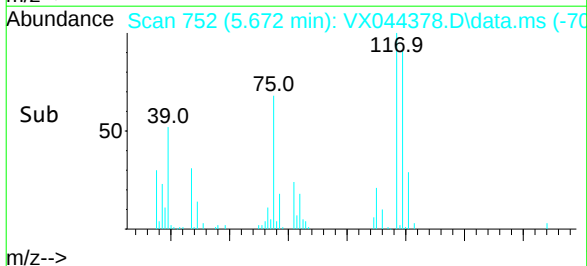
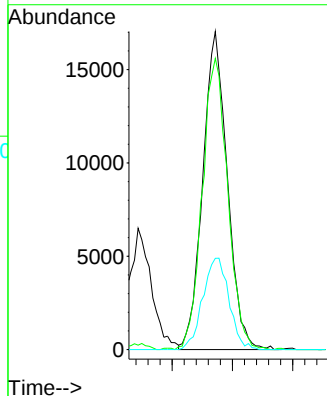
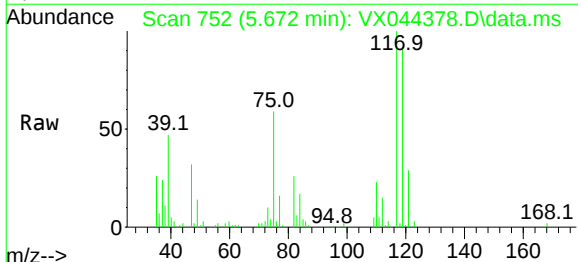
Manual Integrations
APPROVED

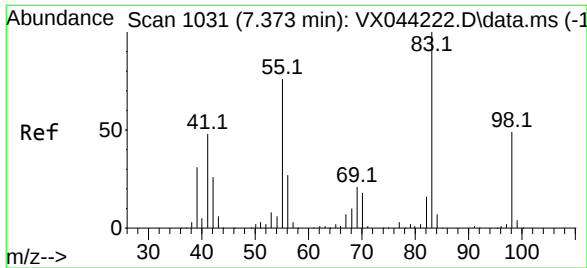
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Carbon Tetrachloride
Concen: 18.404 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Tgt Ion:117 Resp: 48269
Ion Ratio Lower Upper
117 100
119 91.2 74.2 111.4
121 28.7 23.0 34.6





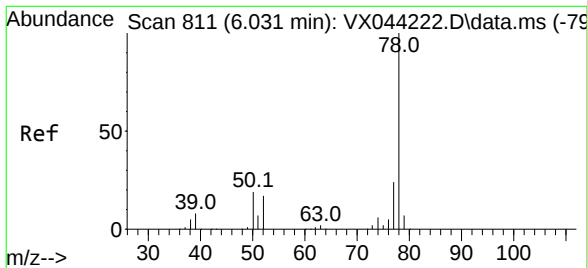
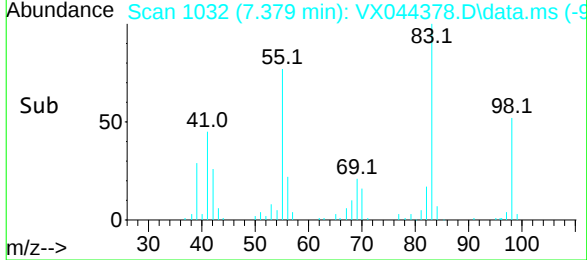
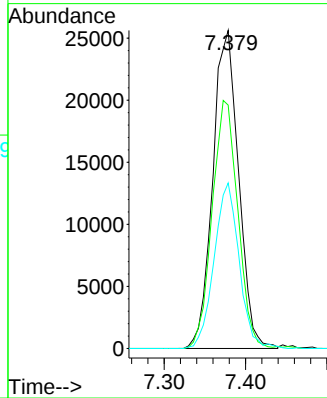
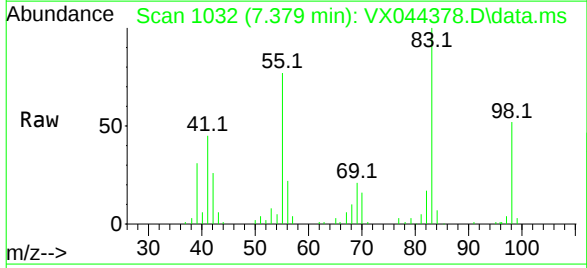
#39
Methylcyclohexane
Concen: 19.402 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tgt Ion: 83 Resp: 56507
Ion Ratio Lower Upper
83 100
55 76.5 60.7 91.1
98 52.0 38.9 58.3

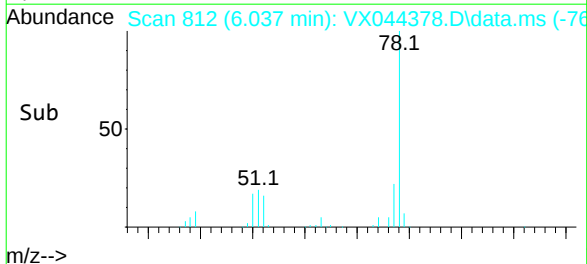
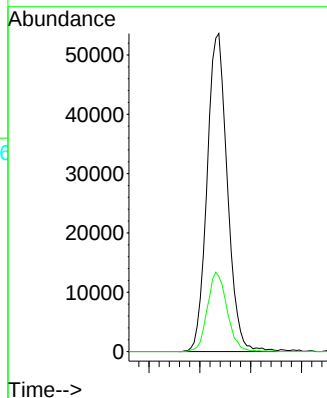
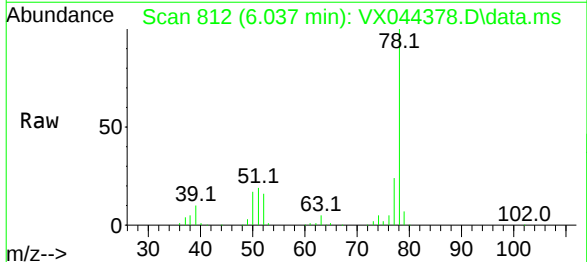
Manual Integrations
APPROVED

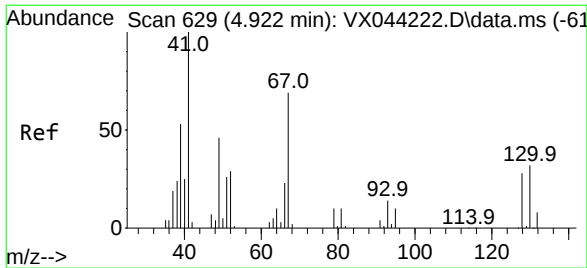
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#40
Benzene
Concen: 20.060 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

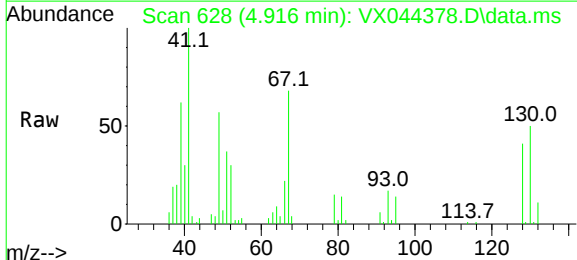
Tgt Ion: 78 Resp: 148380
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 19.075 ug/l
RT: 4.916 min Scan# 629
Delta R.T. -0.006 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

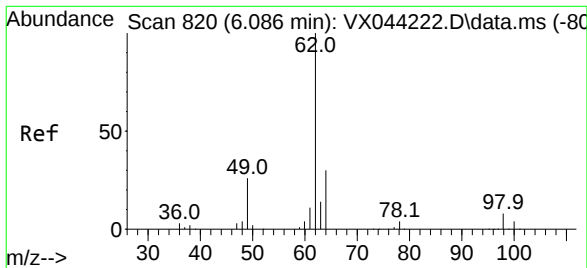
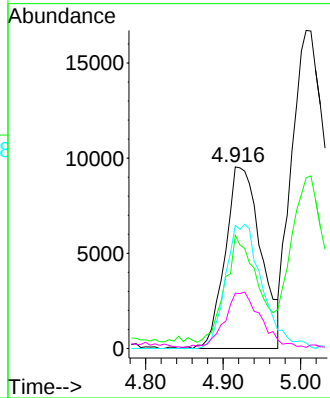
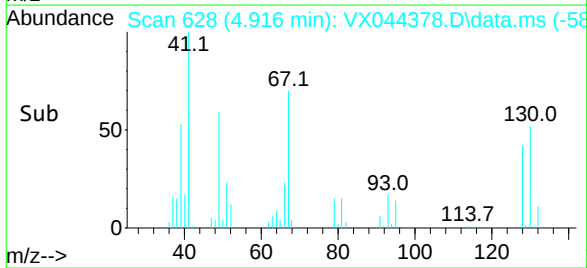
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



Tgt Ion: 41 Resp: 30502
Ion Ratio Lower Upper
41 100
39 52.9 44.2 66.4
67 70.3 57.2 85.8
52 30.9 24.6 37.0

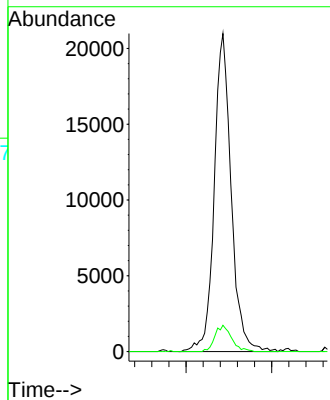
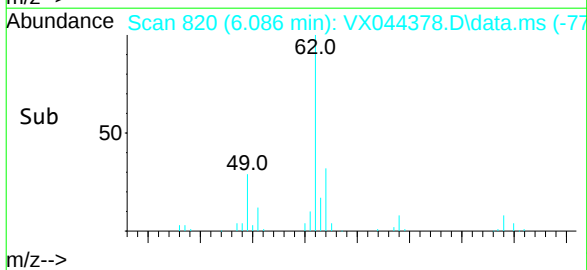
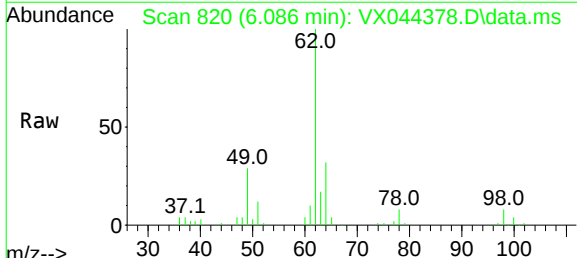
Manual Integrations
APPROVED

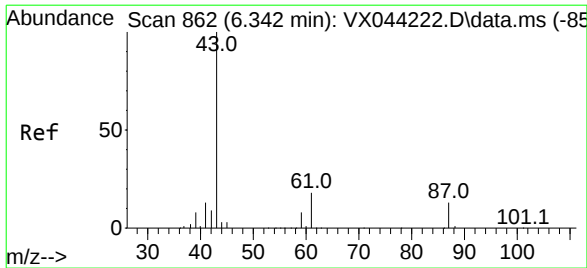
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#42
1,2-Dichloroethane
Concen: 18.905 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Tgt Ion: 62 Resp: 57603
Ion Ratio Lower Upper
62 100
98 8.2 0.0 15.8





#43

Isopropyl Acetate

Concen: 19.169 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

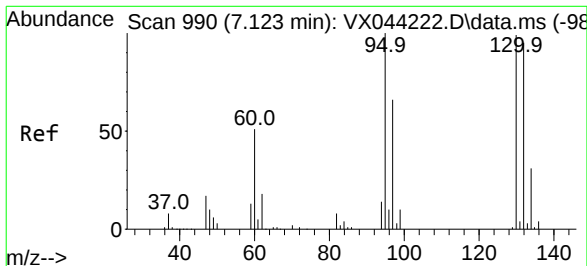
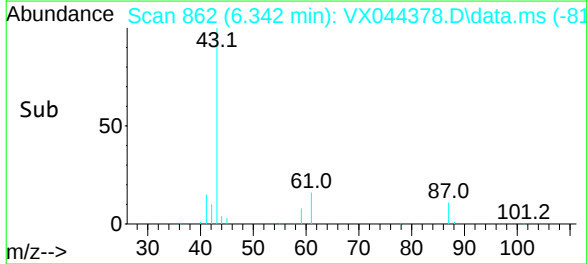
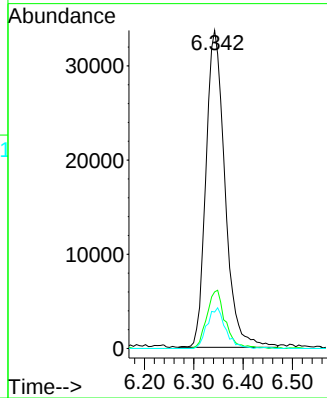
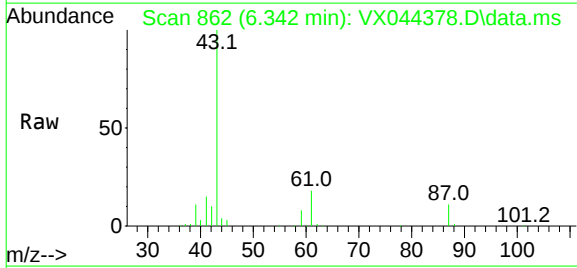
Tgt Ion:	43	Resp:	90225
Ion	Ratio	Lower	Upper
43	100		
61	17.9	14.2	21.2
87	12.4	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#44

Trichloroethene

Concen: 19.056 ug/l

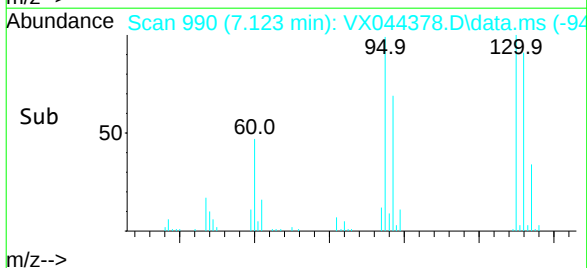
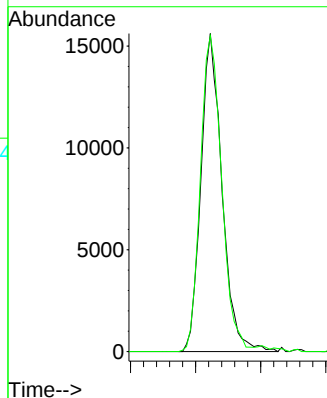
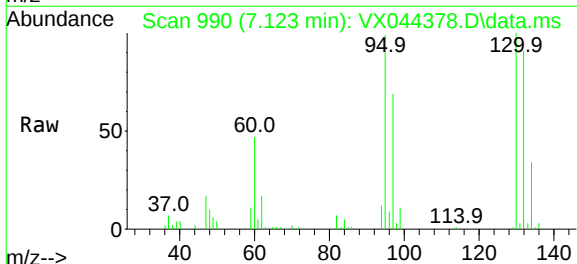
RT: 7.123 min Scan# 990

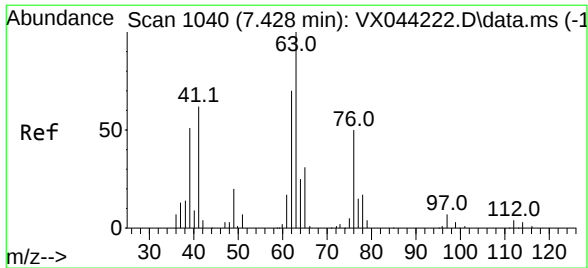
Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

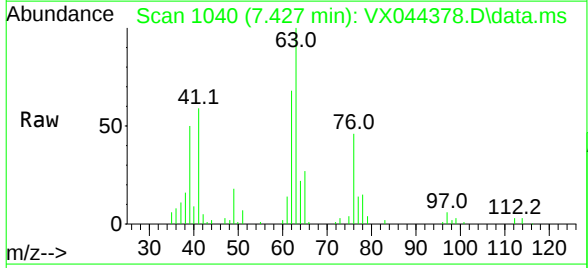
Tgt Ion:	130	Resp:	35150
Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	201.4





#45
1,2-Dichloropropane
Concen: 19.250 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

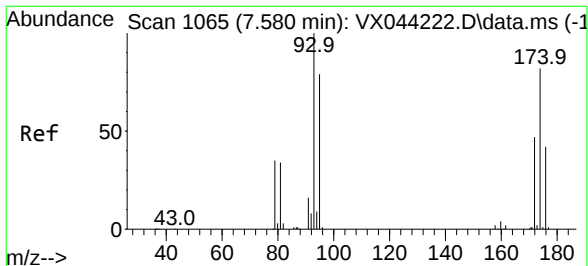
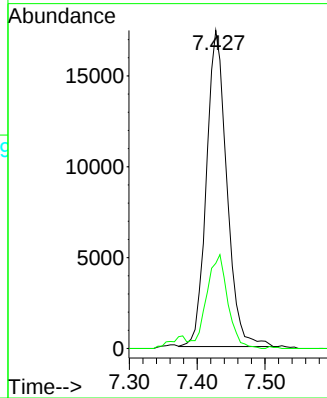
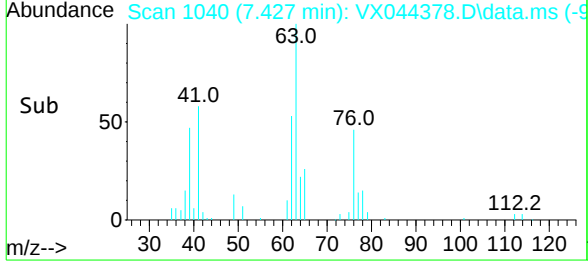
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



Tgt Ion: 63 Resp: 36377
Ion Ratio Lower Upper
63 100
65 26.6 24.6 37.0

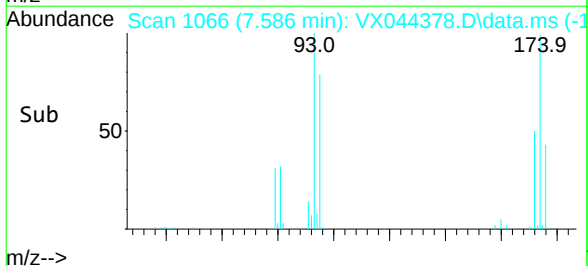
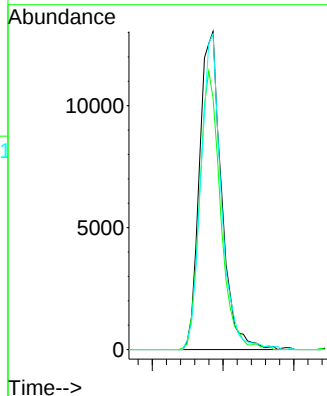
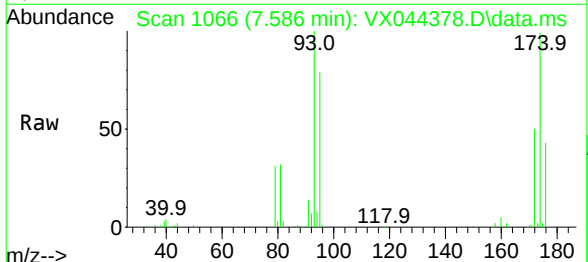
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#46
Dibromomethane
Concen: 19.105 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Tgt Ion: 93 Resp: 28009
Ion Ratio Lower Upper
93 100
95 83.7 65.4 98.2
174 92.5 67.9 101.9





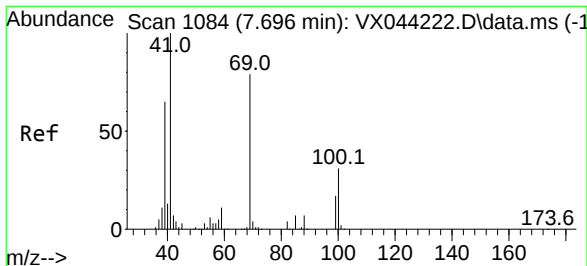
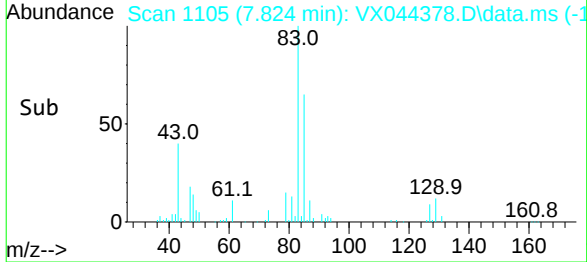
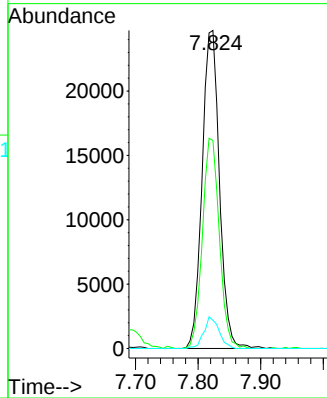
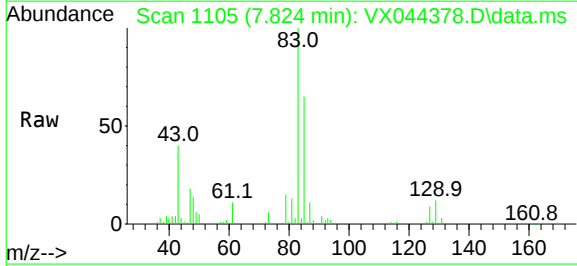
#47
Bromodichloromethane
Concen: 18.757 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tgt Ion: 83 Resp: 47492
Ion Ratio Lower Upper
83 100
85 65.4 50.6 75.8
127 8.9 7.3 10.9

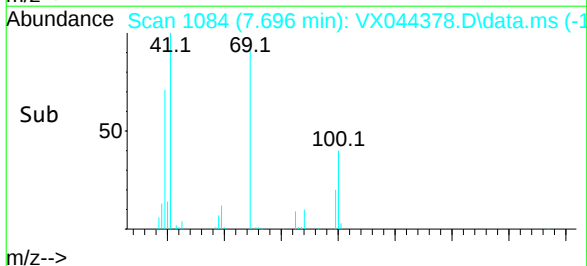
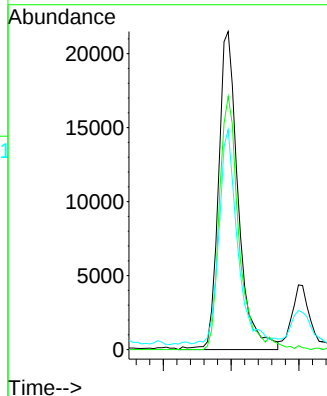
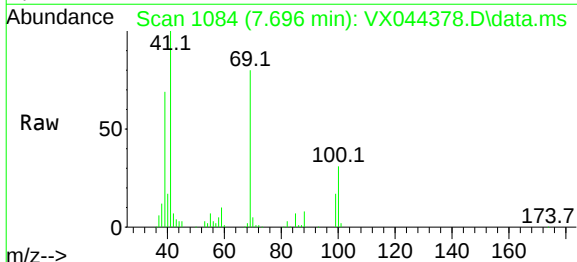
Manual Integrations
APPROVED

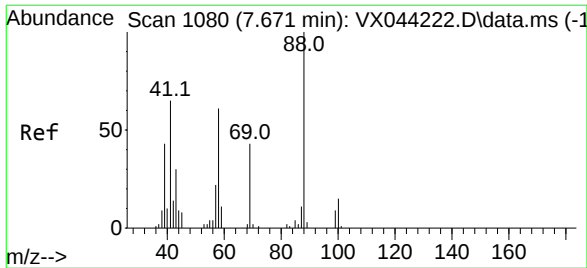
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#48
Methyl methacrylate
Concen: 18.917 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

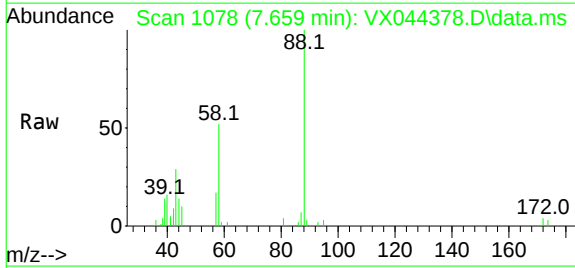
Tgt Ion: 41 Resp: 43221
Ion Ratio Lower Upper
41 100
69 79.2 62.4 93.6
39 63.8 53.3 79.9





#49
1,4-Dioxane
Concen: 257.250 ug/l
RT: 7.659 min Scan# 1080
Delta R.T. -0.012 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

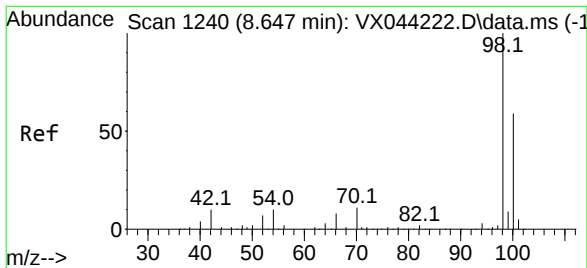
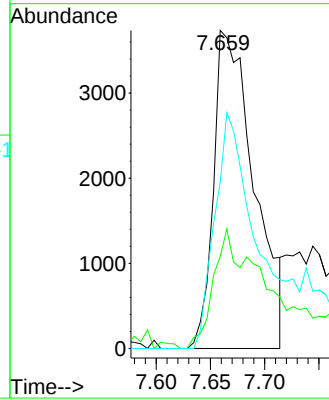
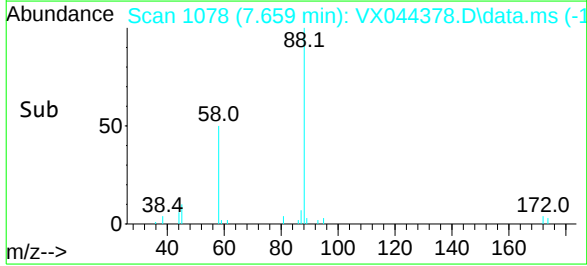
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



Tgt Ion: 88 Resp: 9745
Ion Ratio Lower Upper
88 100
43 22.4 27.1 40.7#
58 79.0 41.0 61.4#

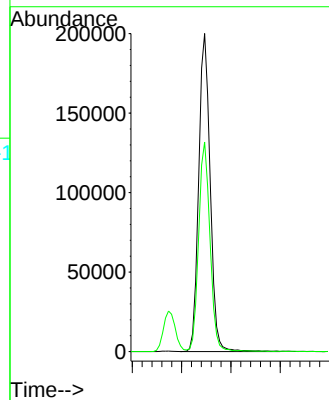
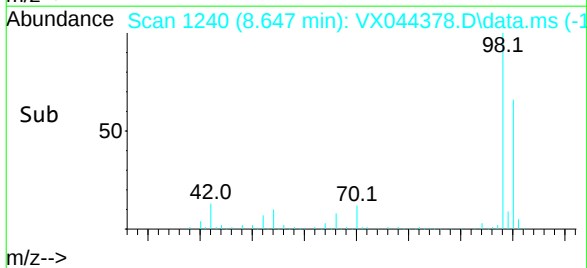
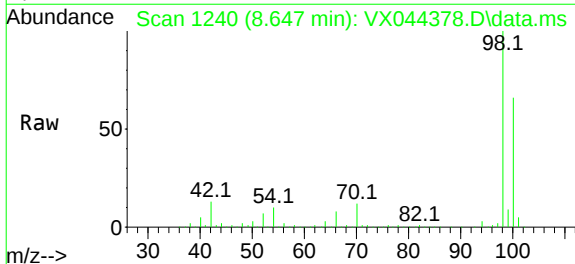
Manual Integrations
APPROVED

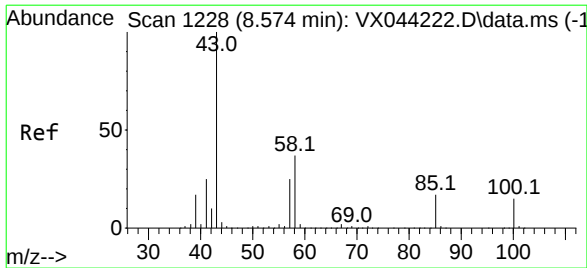
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#50
Toluene-d8
Concen: 50.811 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Tgt Ion: 98 Resp: 323070
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3





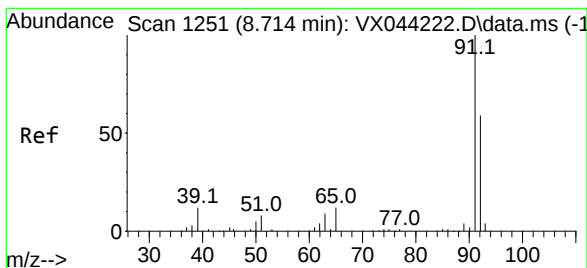
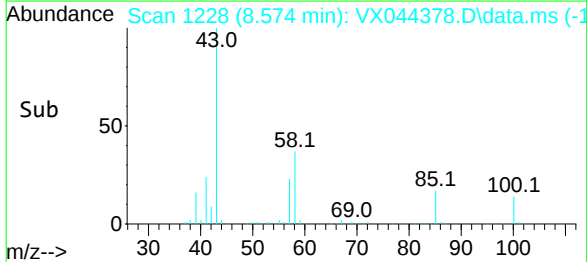
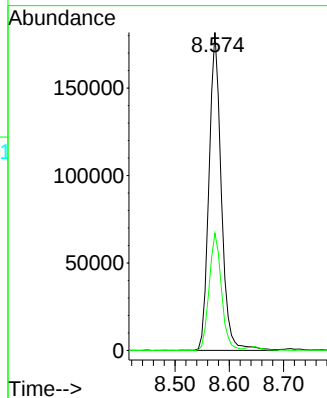
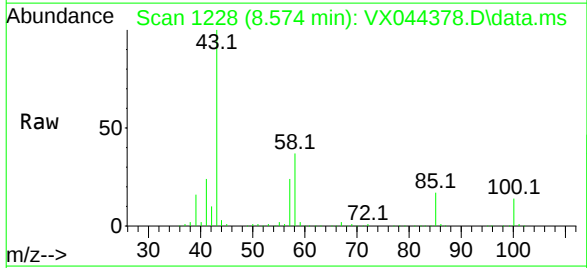
#51
4-Methyl-2-Pentanone
Concen: 94.787 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tgt Ion: 43 Resp: 286862
Ion Ratio Lower Upper
43 100
58 36.8 29.4 44.0

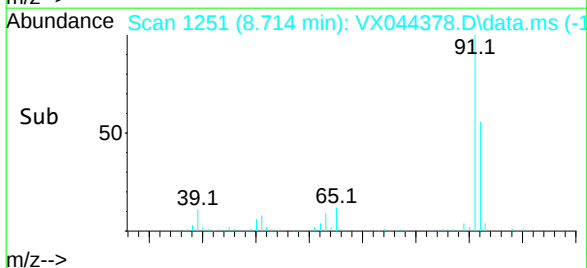
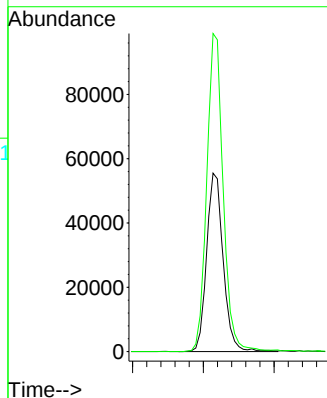
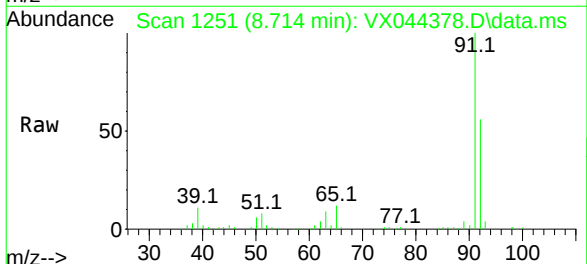
Manual Integrations
APPROVED

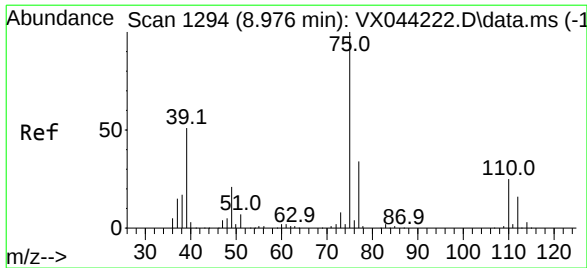
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#52
Toluene
Concen: 19.428 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

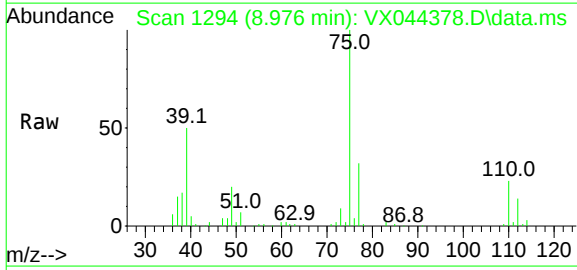
Tgt Ion: 92 Resp: 90242
Ion Ratio Lower Upper
92 100
91 176.6 137.0 205.6





#53
t-1,3-Dichloropropene
Concen: 18.774 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

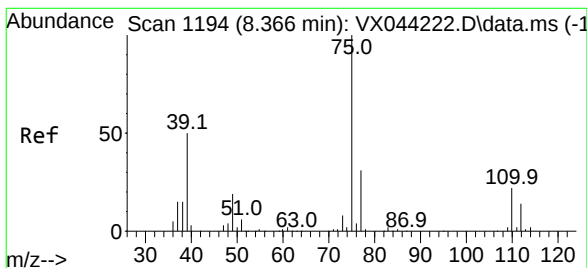
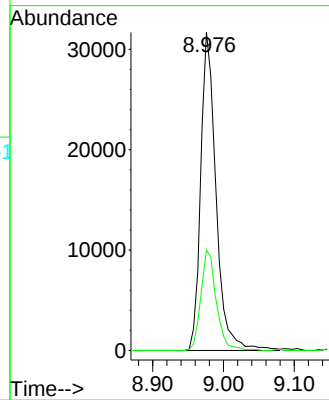
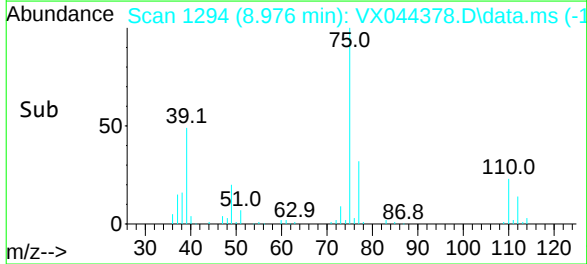
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



Tgt Ion: 75 Resp: 47729
Ion Ratio Lower Upper
75 100
77 31.6 27.2 40.8

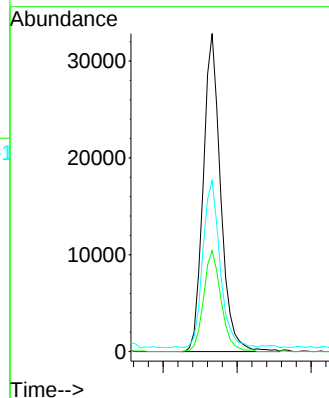
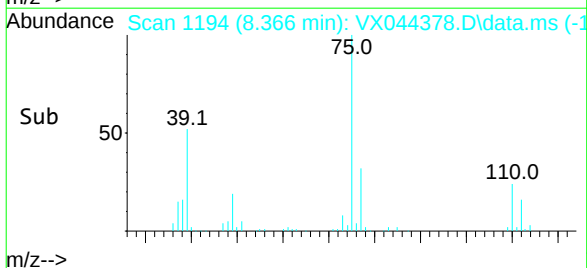
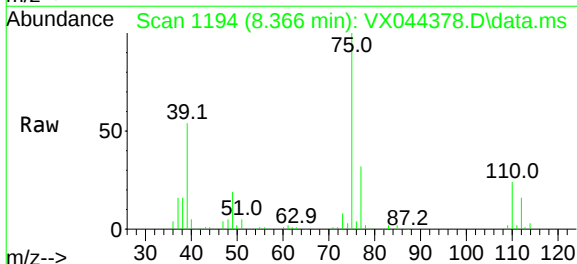
Manual Integrations
APPROVED

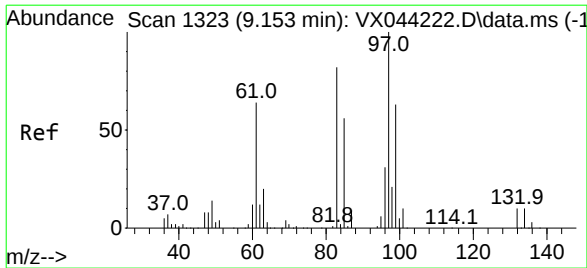
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#54
cis-1,3-Dichloropropene
Concen: 19.485 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

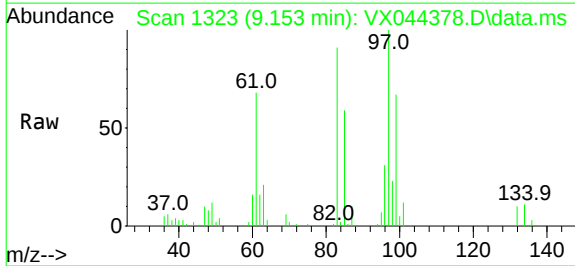
Tgt Ion: 75 Resp: 53718
Ion Ratio Lower Upper
75 100
77 31.7 24.7 37.1
39 52.5 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 19.348 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

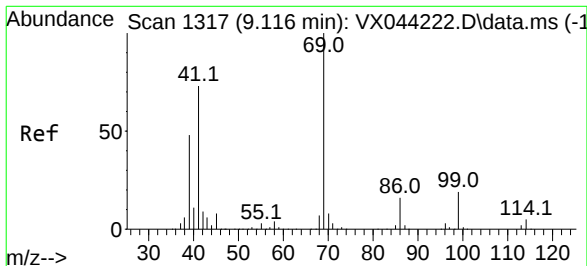
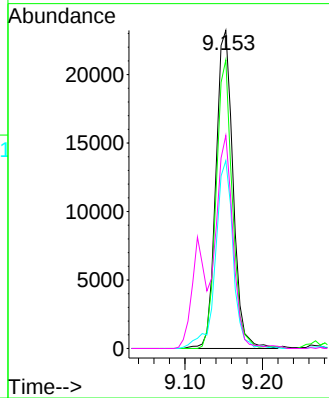
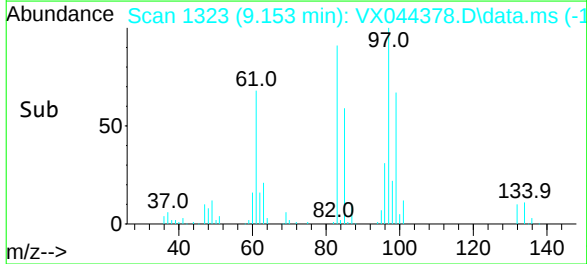
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



Tgt Ion:	97	Resp:	35702
Ion	Ratio	Lower	Upper
97	100		
83	90.7	65.3	97.9
85	59.0	44.6	67.0
99	66.6	50.2	75.2

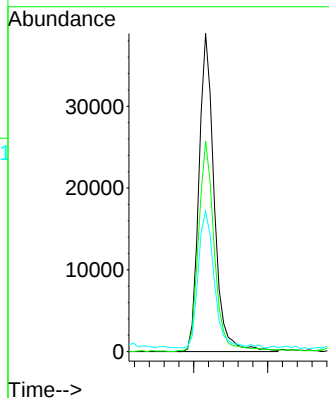
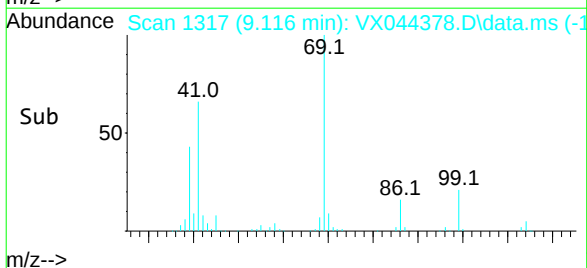
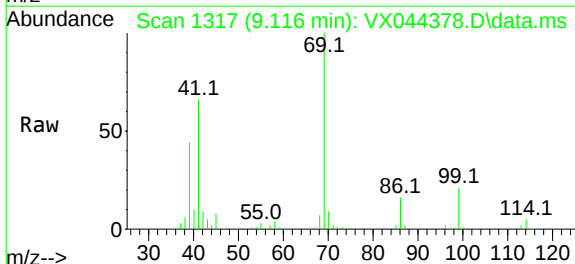
Manual Integrations
APPROVED

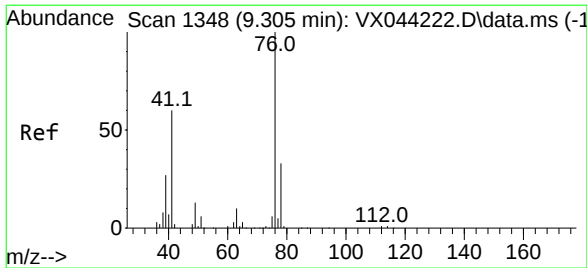
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#56
Ethyl methacrylate
Concen: 19.118 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

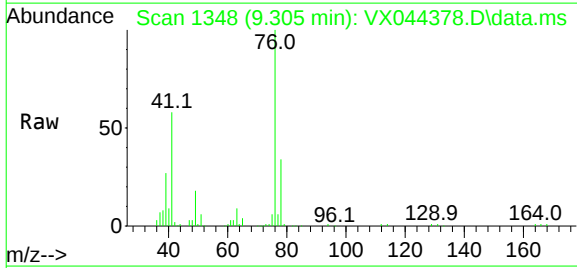
Tgt Ion:	69	Resp:	55693
Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.6	85.0
39	44.6	37.4	56.0





#57
1,3-Dichloropropane
Concen: 19.724 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

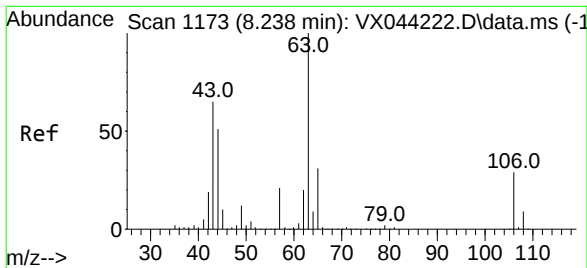
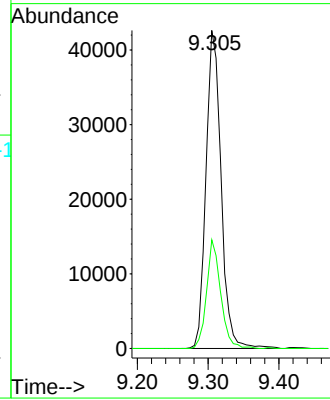
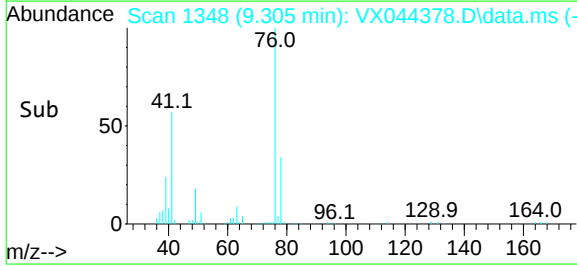
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



Tgt Ion: 76 Resp: 63353
Ion Ratio Lower Upper
76 100
78 32.0 26.5 39.7

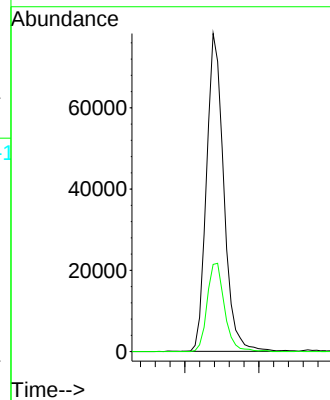
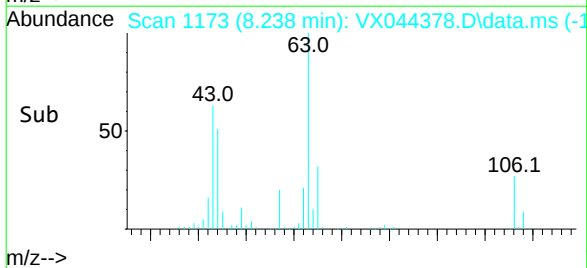
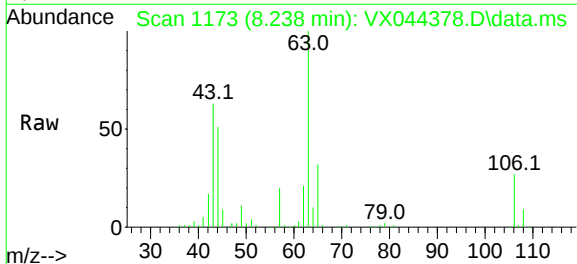
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 86.145 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Tgt Ion: 63 Resp: 126572
Ion Ratio Lower Upper
63 100
106 28.0 22.8 34.2





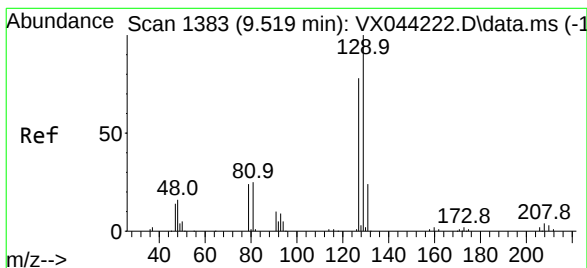
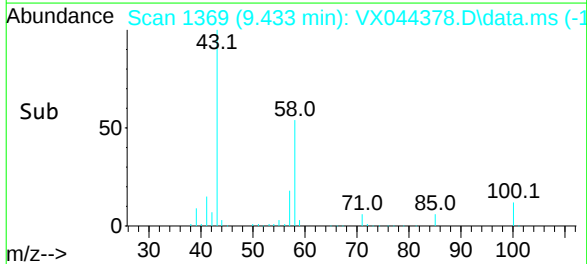
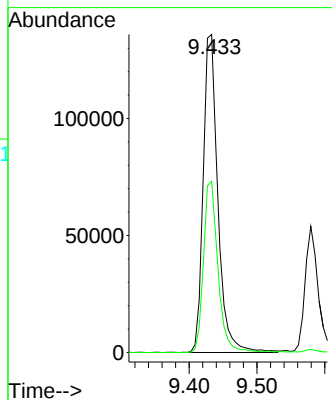
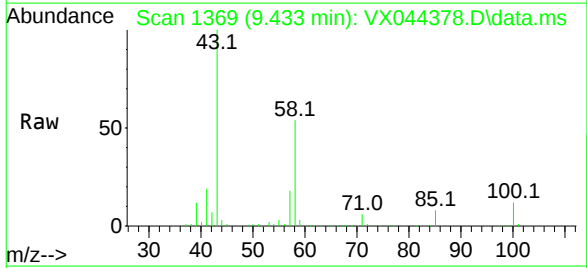
#59
2-Hexanone
Concen: 93.265 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Instrument : MSVOA_X
ClientSampleId : VX1218WBS01

Tgt Ion: 43 Resp: 204304
Ion Ratio Lower Upper
43 100
58 52.7 25.7 77.0

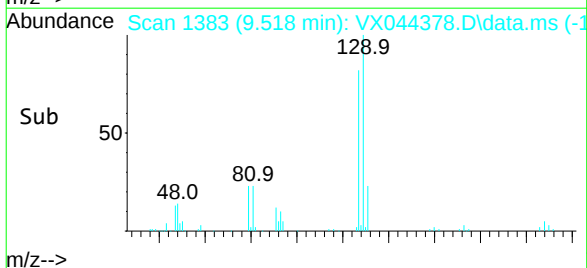
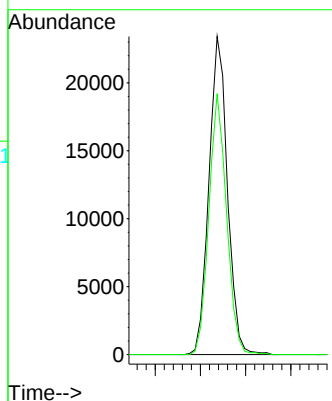
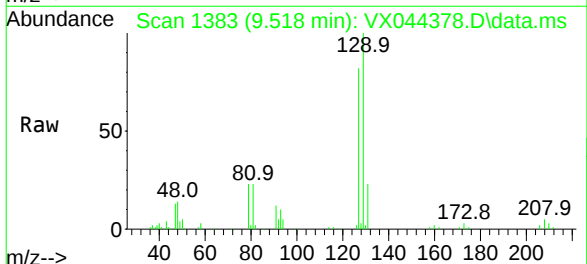
Manual Integrations
APPROVED

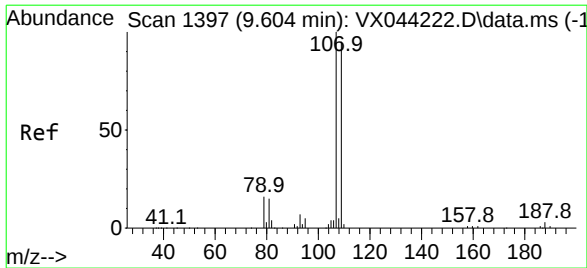
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#60
Dibromochloromethane
Concen: 18.320 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

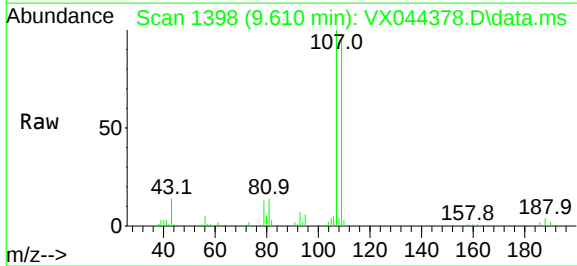
Tgt Ion:129 Resp: 33259
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.3





#61
1,2-Dibromoethane
Concen: 19.855 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

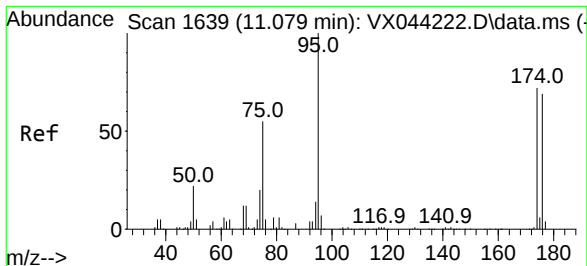
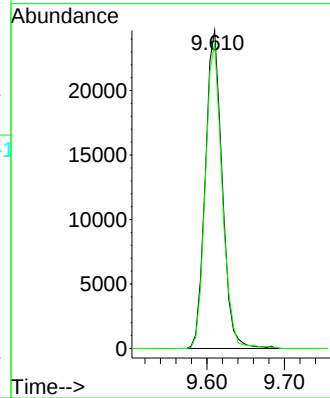
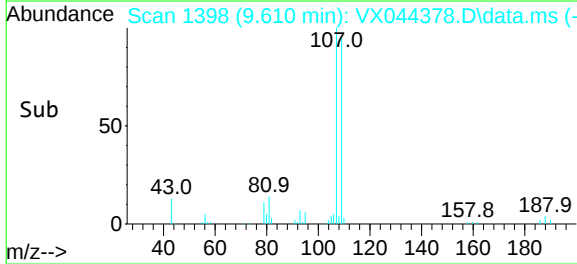
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



Tgt Ion: 107 Resp: 37294
Ion Ratio Lower Upper
107 100
109 95.8 77.0 115.4

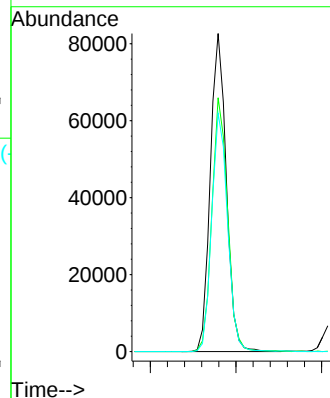
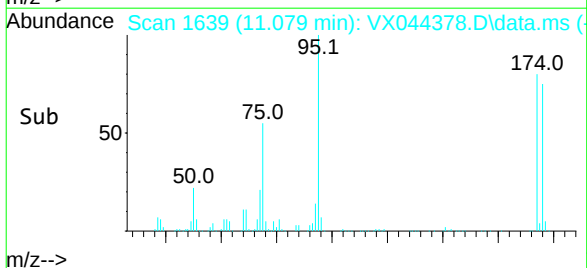
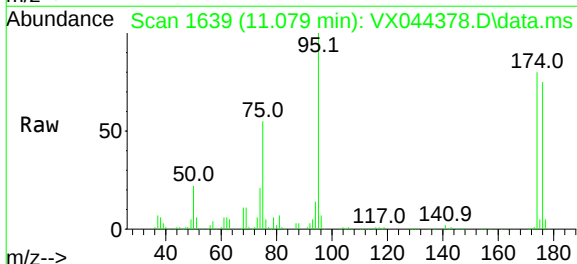
Manual Integrations
APPROVED

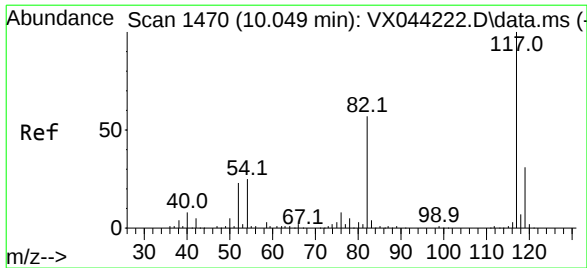
Reviewed By : John Carlone 12/20/2024
Supervised By : Mahesh Dadoda 12/20/2024



#62
4-Bromofluorobenzene
Concen: 48.171 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Tgt Ion: 95 Resp: 107025
Ion Ratio Lower Upper
95 100
174 78.5 0.0 145.8
176 74.2 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

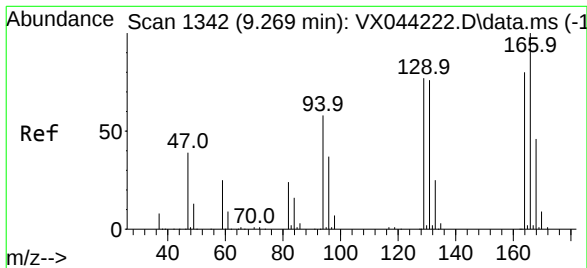
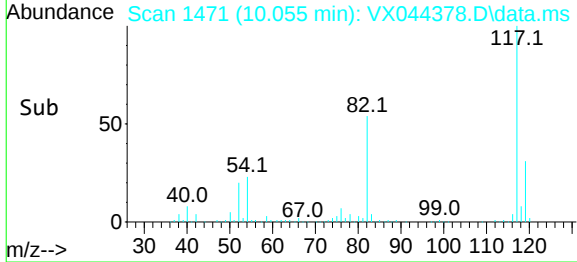
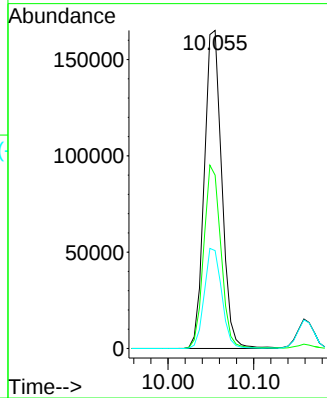
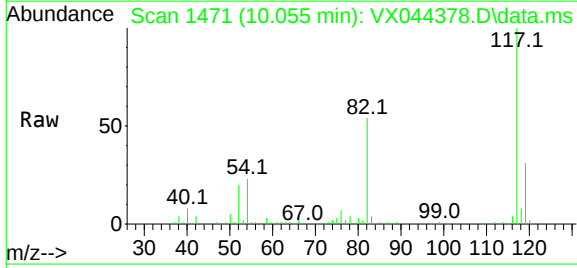
Tgt Ion:	117	Resp:	233700
Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.8	68.8
119	30.8	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#64

Tetrachloroethene

Concen: 19.589 ug/l

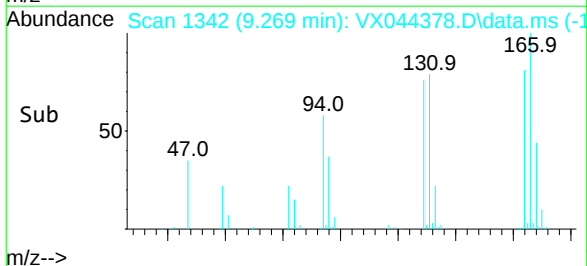
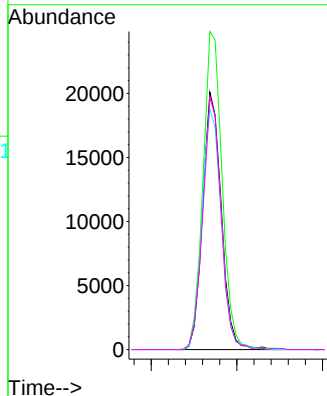
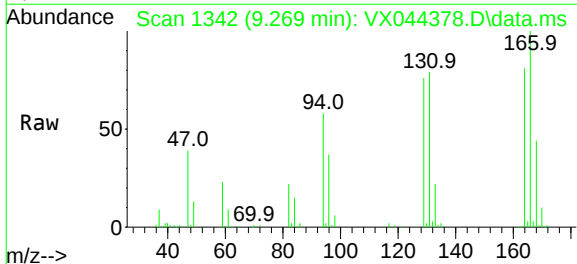
RT: 9.269 min Scan# 1342

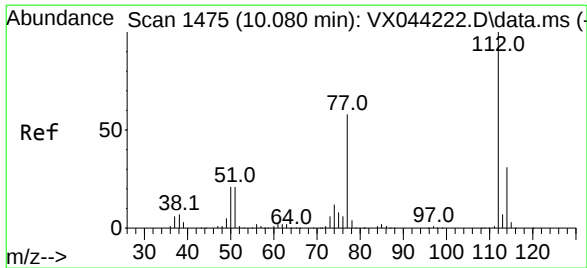
Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Tgt Ion:	164	Resp:	30384
Ion	Ratio	Lower	Upper
164	100		
166	123.6	100.4	150.6
129	93.3	77.2	115.8
131	97.9	76.2	114.2





#65

Chlorobenzene

Concen: 19.498 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tgt Ion:112 Resp: 97639

Ion Ratio Lower Upper

112 100

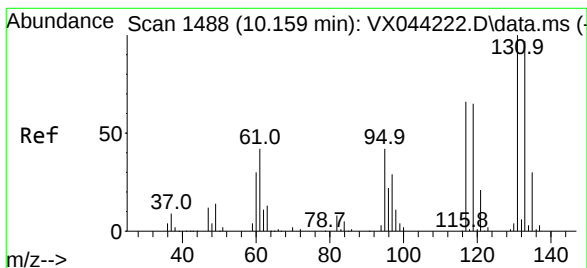
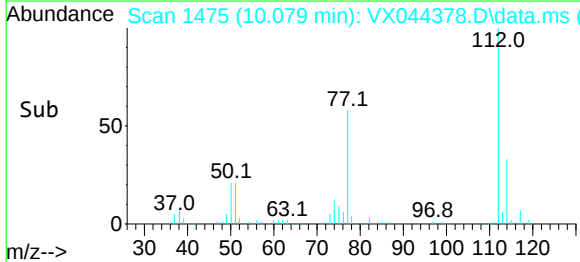
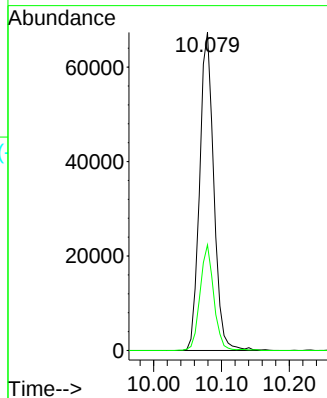
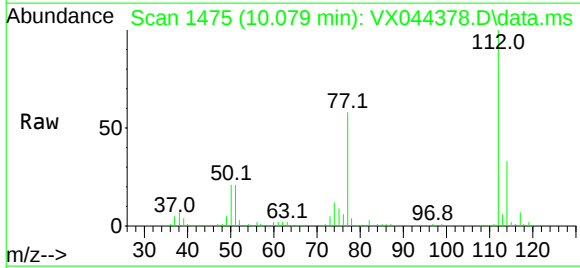
114 33.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 19.405 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

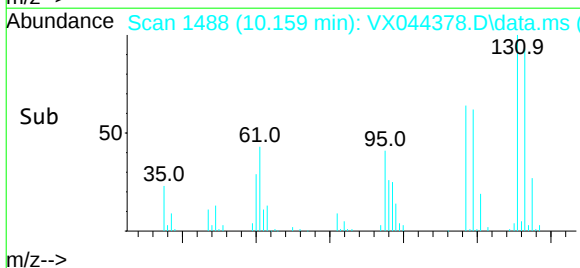
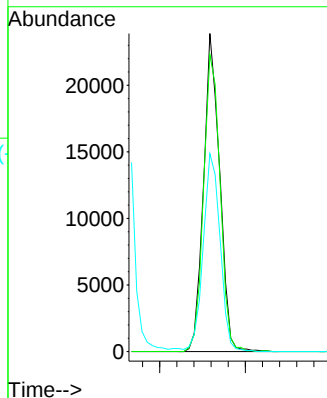
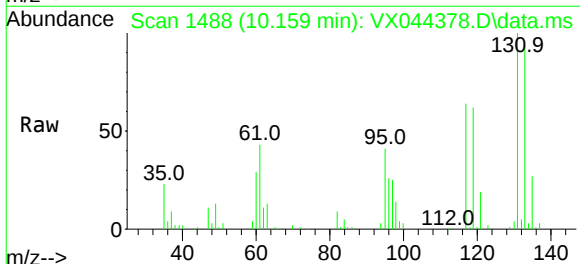
Tgt Ion:131 Resp: 31230

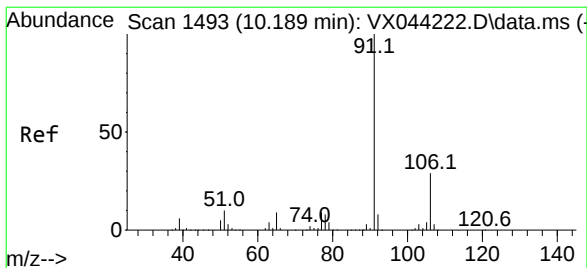
Ion Ratio Lower Upper

131 100

133 95.9 47.3 141.8

119 65.2 31.6 95.0





#67

Ethyl Benzene

Concen: 19.327 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tgt Ion: 91 Resp: 167223

Ion Ratio Lower Upper

91 100

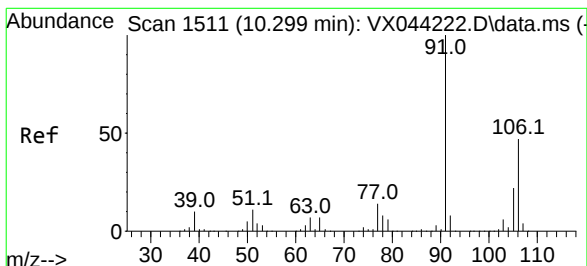
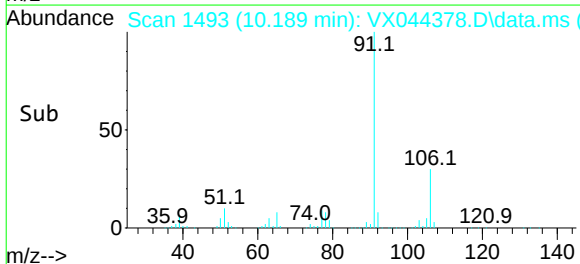
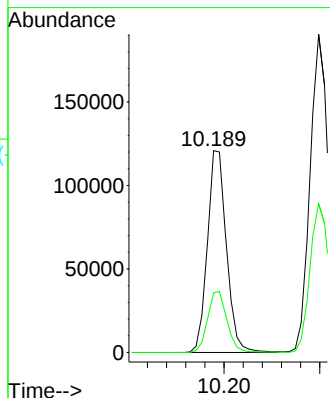
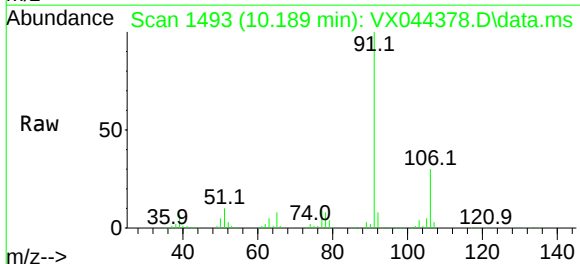
106 29.6 23.5 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#68

m/p-Xylenes

Concen: 39.322 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044378.D

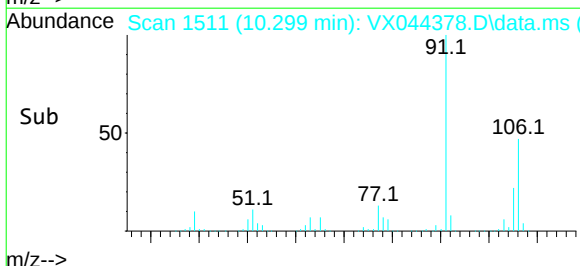
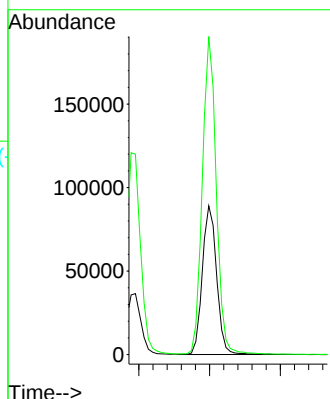
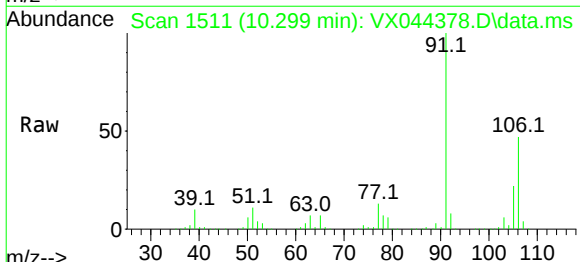
Acq: 18 Dec 2024 13:11

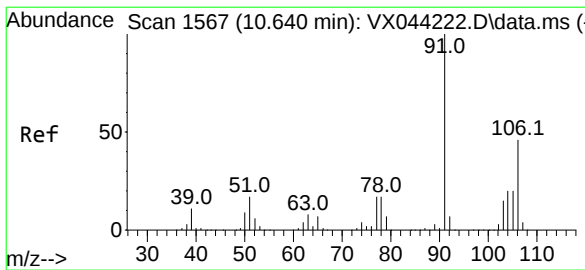
Tgt Ion:106 Resp: 124845

Ion Ratio Lower Upper

106 100

91 208.9 170.2 255.2





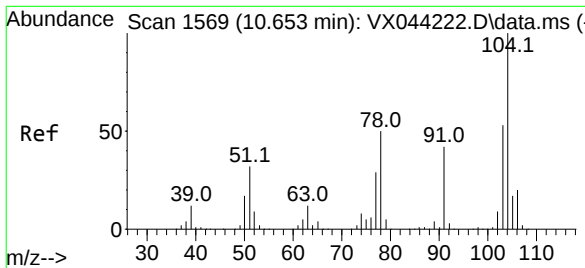
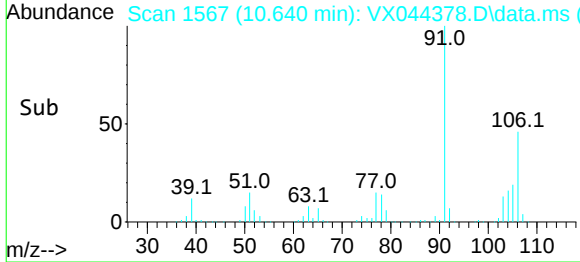
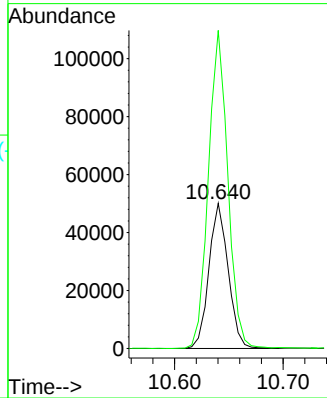
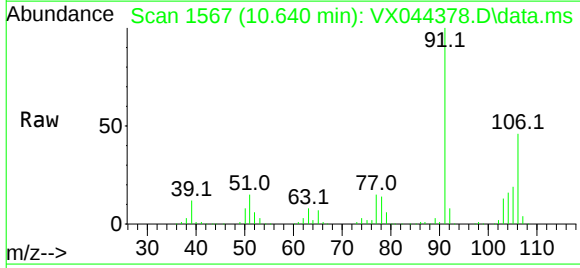
#69
o-Xylene
Concen: 19.219 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tgt Ion:106 Resp: 61740
Ion Ratio Lower Upper
106 100
91 221.6 112.3 337.0

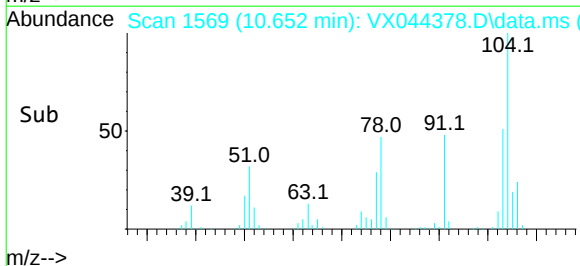
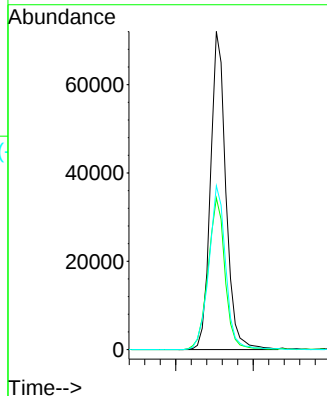
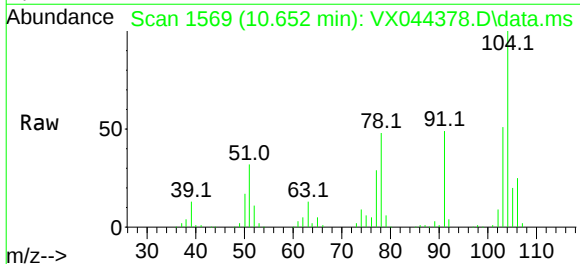
Manual Integrations
APPROVED

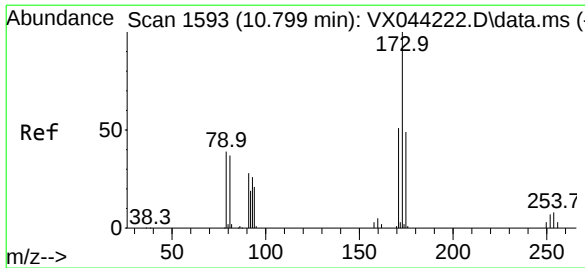
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#70
Styrene
Concen: 19.373 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Tgt Ion:104 Resp: 99766
Ion Ratio Lower Upper
104 100
78 52.2 44.6 67.0
103 56.3 45.4 68.0





#71

Bromoform

Concen: 18.657 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

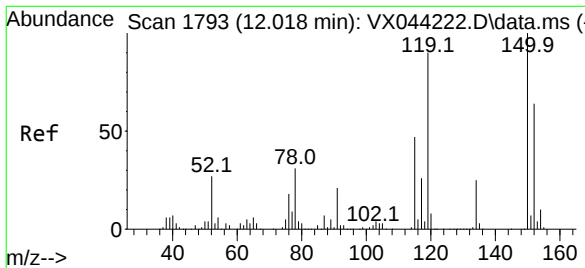
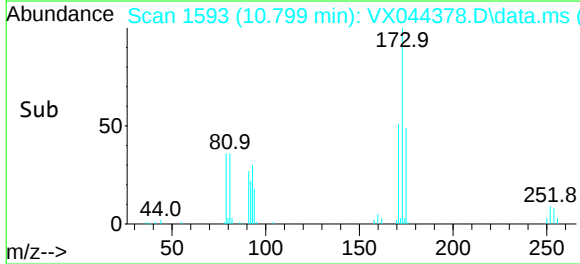
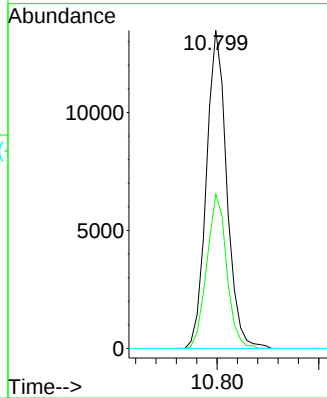
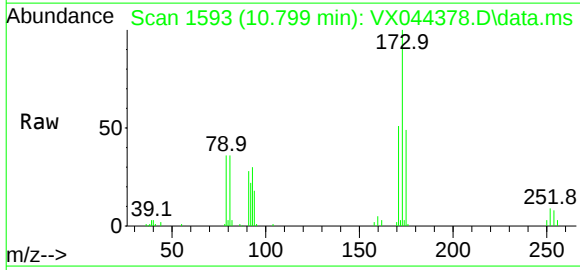
Tgt Ion:	173	Resp:	18740
Ion Ratio	Lower	Upper	
173	100		
175	47.3	23.8	71.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

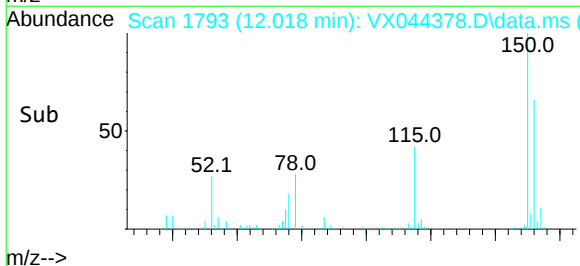
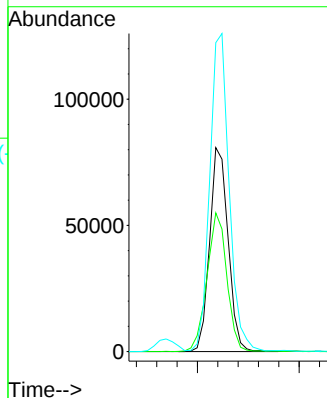
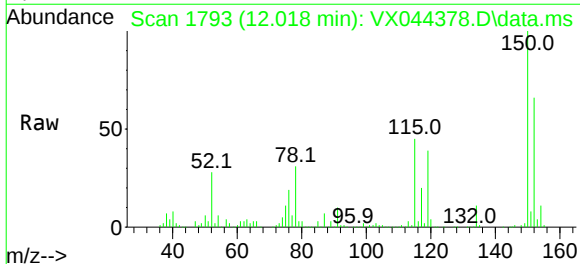
RT: 12.018 min Scan# 1793

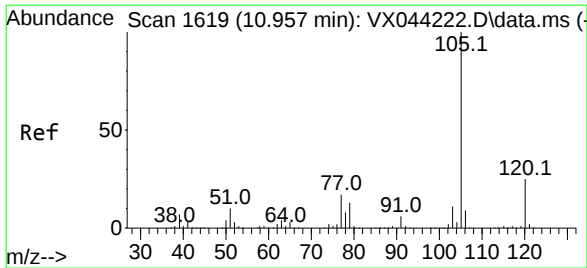
Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Tgt Ion:	152	Resp:	101950
Ion Ratio	Lower	Upper	
152	100		
115	73.4	44.5	133.3
150	162.2	0.0	353.8





#73

Isopropylbenzene

Concen: 20.438 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tgt Ion:105 Resp: 159509

Ion Ratio Lower Upper

105 100

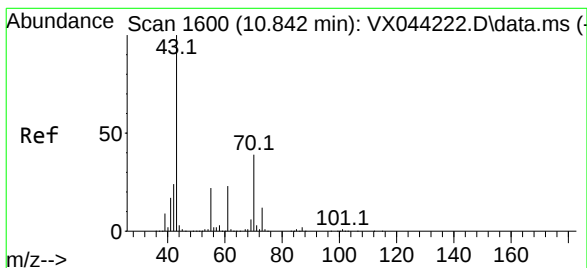
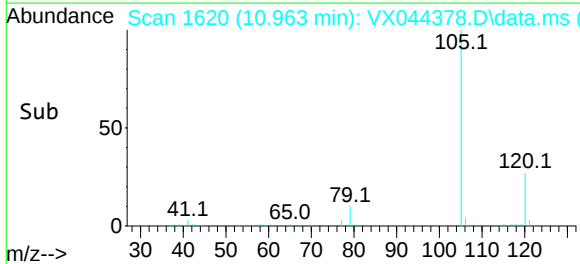
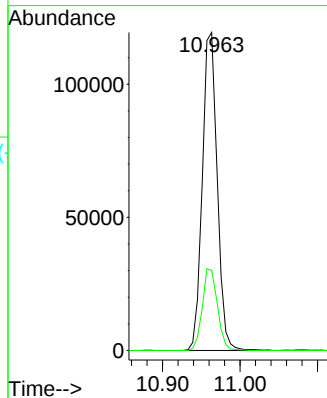
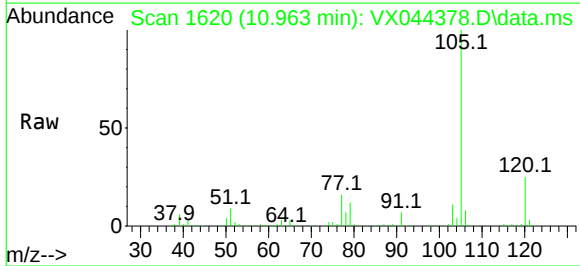
120 26.1 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#74

N-ethyl acetate

Concen: 19.483 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Tgt Ion: 43 Resp: 70274

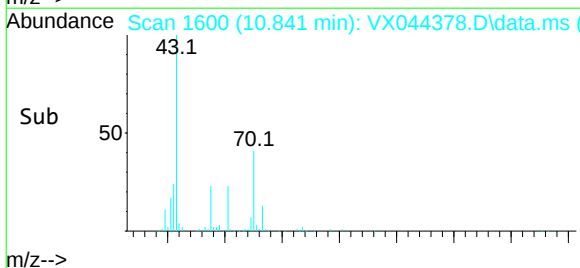
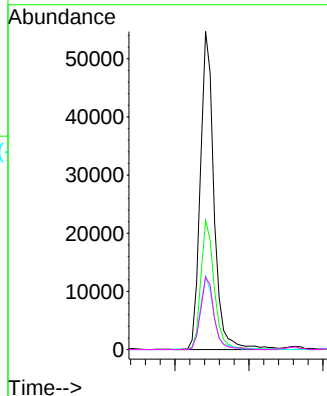
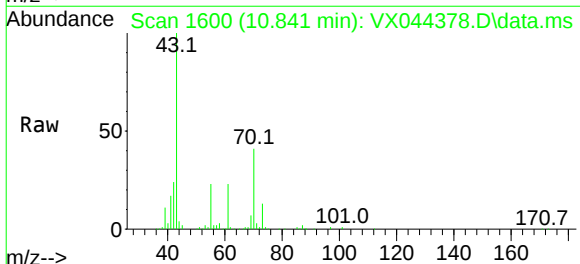
Ion Ratio Lower Upper

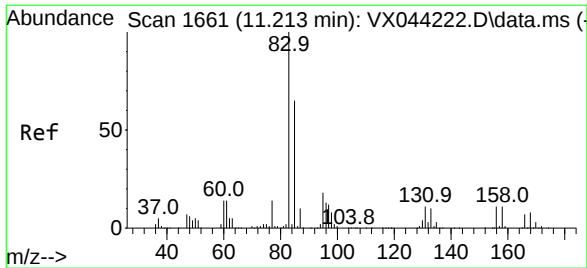
43 100

70 40.0 31.9 47.9

55 22.7 17.9 26.9

61 22.5 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.886 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

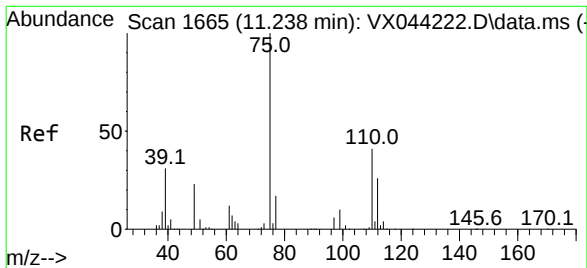
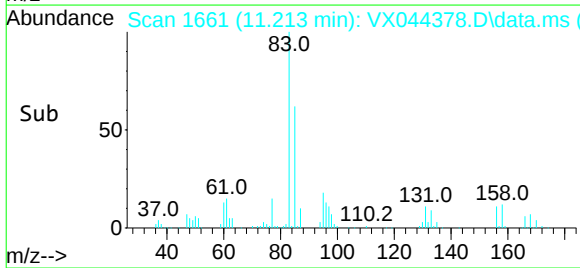
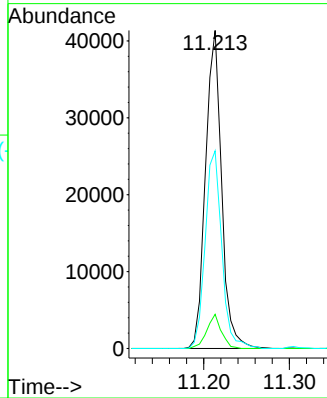
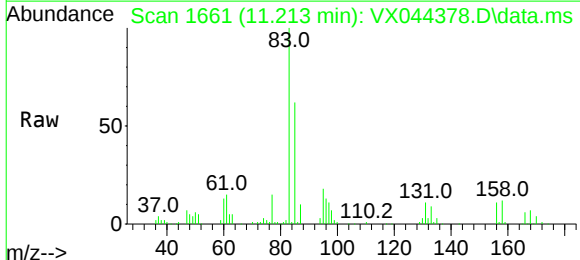
Tgt Ion:	83	Resp:	53907
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.1	15.4
85	64.2	32.5	97.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#76

1,2,3-Trichloropropane

Concen: 19.185 ug/l m

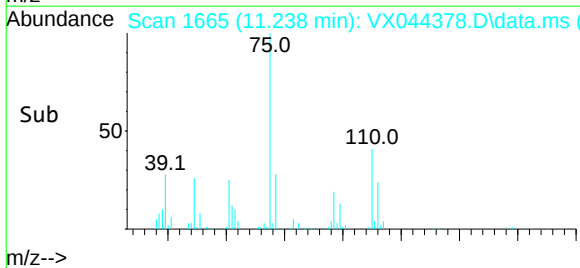
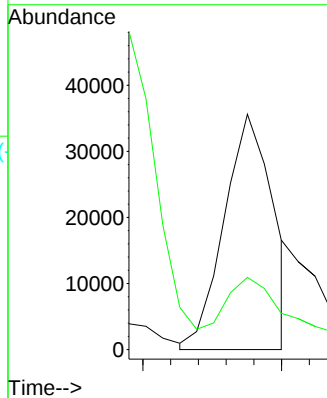
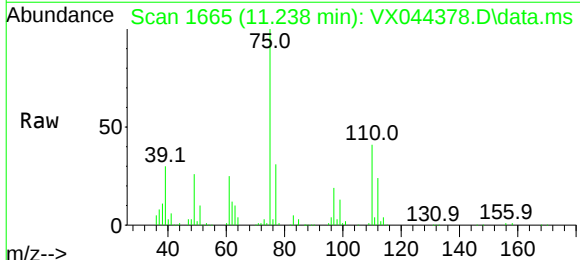
RT: 11.238 min Scan# 1665

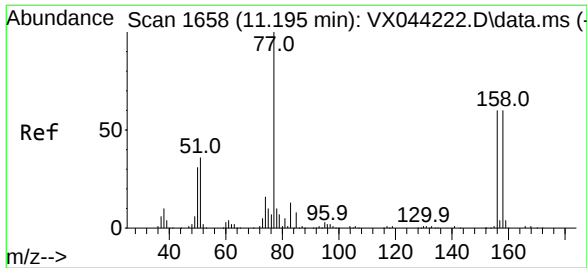
Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Tgt Ion:	75	Resp:	43670
Ion	Ratio	Lower	Upper
75	100		
77	42.5	20.9	62.7





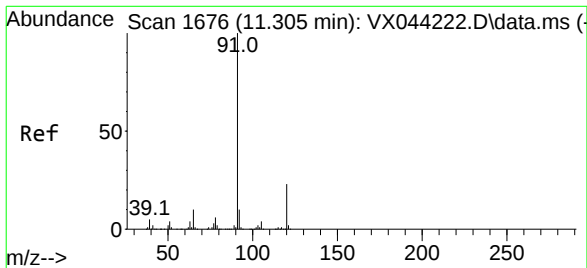
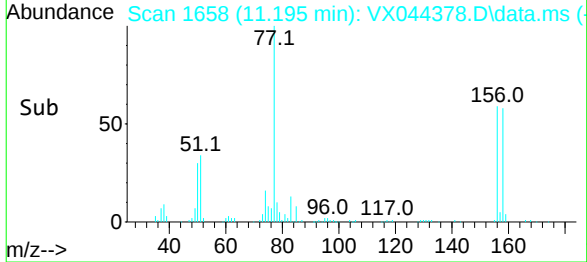
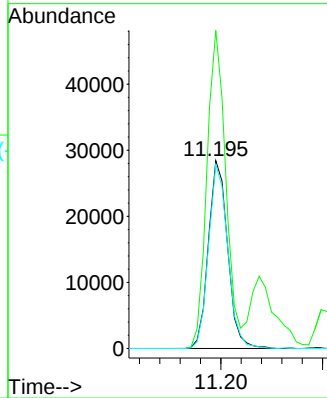
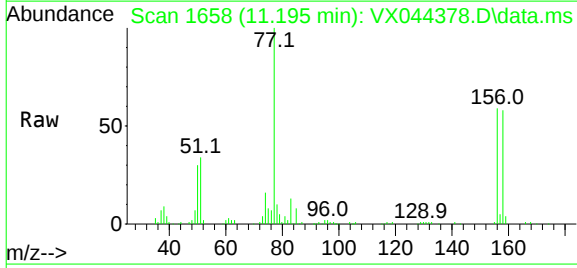
#77
Bromobenzene
Concen: 19.755 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tgt Ion: 156 Resp: 37389
Ion Ratio Lower Upper
156 100
77 165.3 82.6 247.8
158 97.8 48.8 146.4

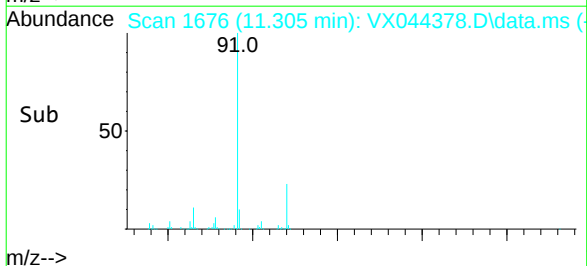
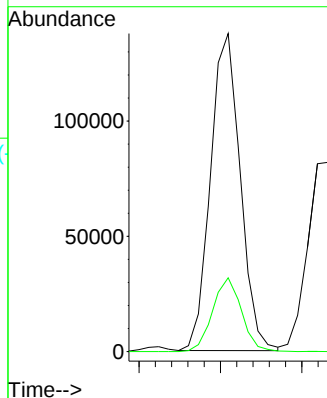
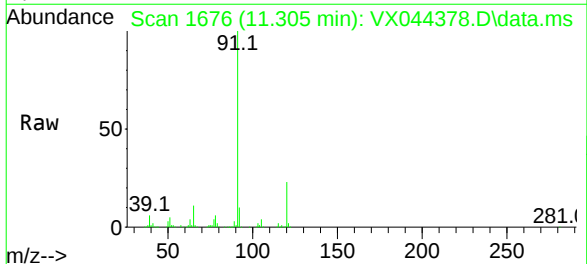
Manual Integrations
APPROVED

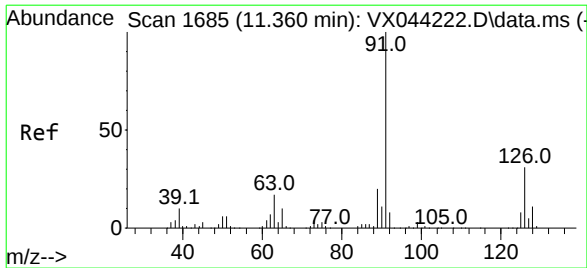
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#78
n-propylbenzene
Concen: 20.292 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Tgt Ion: 91 Resp: 175046
Ion Ratio Lower Upper
91 100
120 22.5 11.0 33.0





#79

2-Chlorotoluene

Concen: 19.557 ug/l

RT: 11.366 min Scan# 1685

Delta R.T. 0.006 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tgt Ion: 91 Resp: 109103

Ion Ratio Lower Upper

91 100

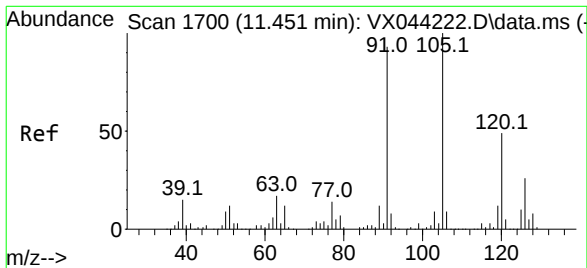
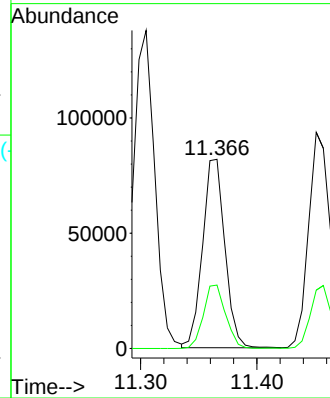
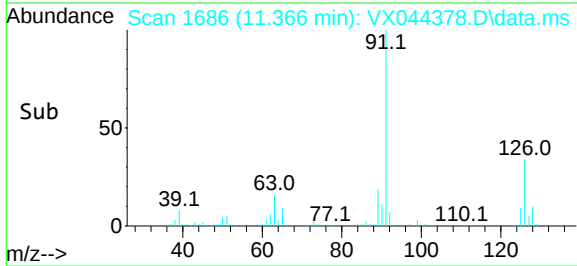
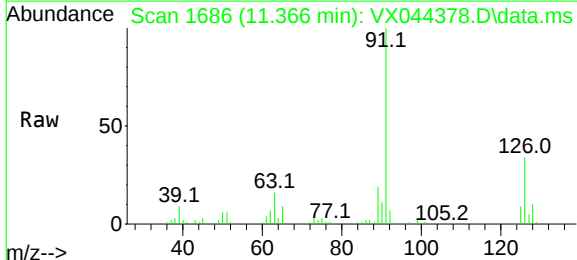
126 33.5 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.891 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044378.D

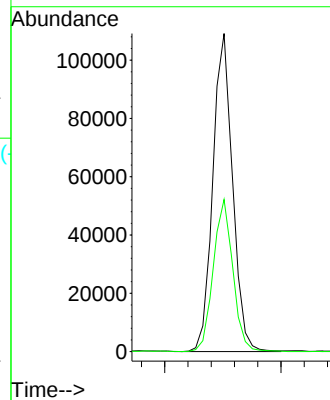
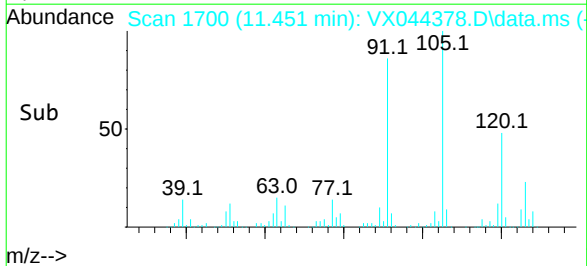
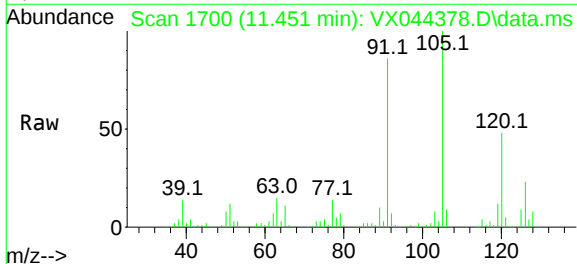
Acq: 18 Dec 2024 13:11

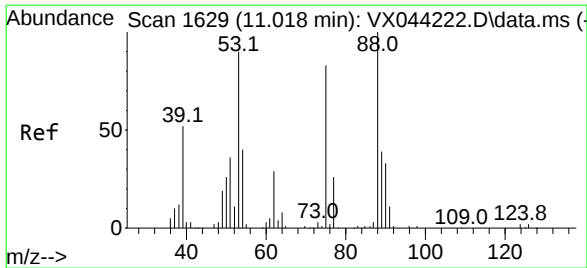
Tgt Ion:105 Resp: 128741

Ion Ratio Lower Upper

105 100

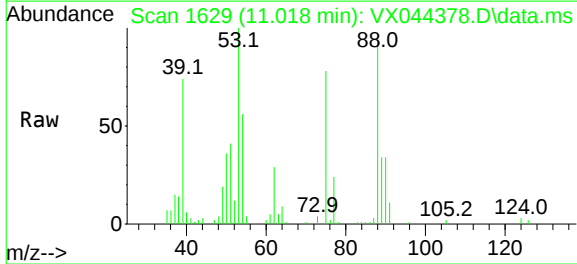
120 47.5 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 20.003 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

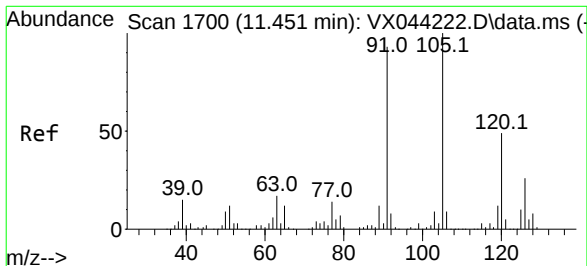
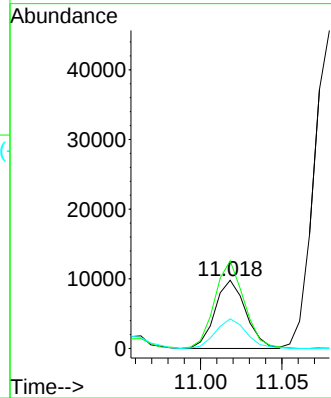
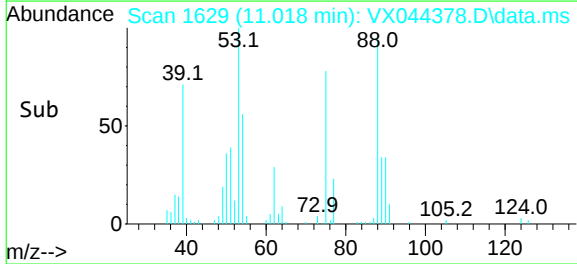
Instrument : MSVOA_X
ClientSampleId : VX1218WBS01



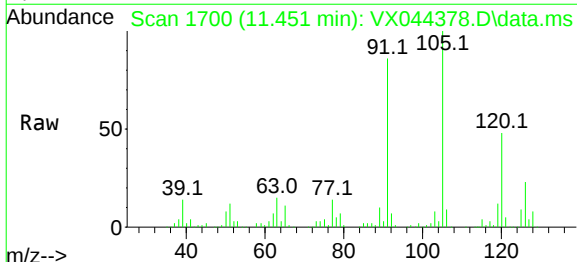
Tgt Ion: 75 Resp: 12897
Ion Ratio Lower Upper
75 100
53 123.4 93.6 140.4
89 43.5 37.3 55.9

Manual Integrations
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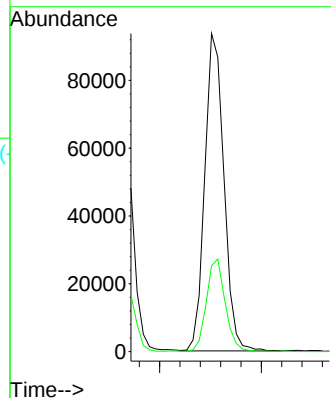
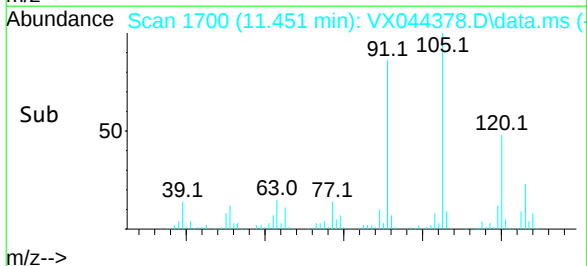
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

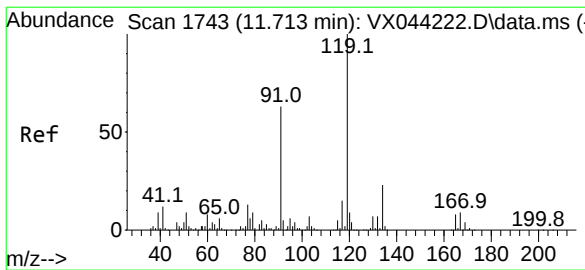


#82
4-Chlorotoluene
Concen: 19.783 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11



Tgt Ion: 91 Resp: 122217
Ion Ratio Lower Upper
91 100
126 28.6 14.5 43.5





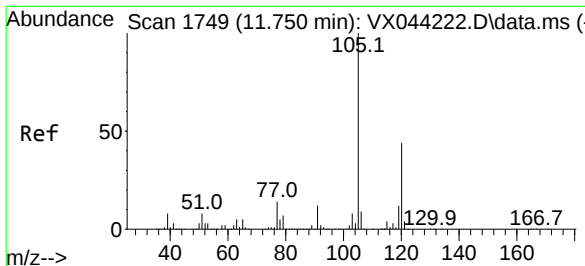
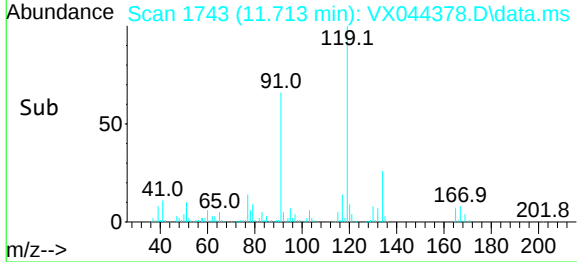
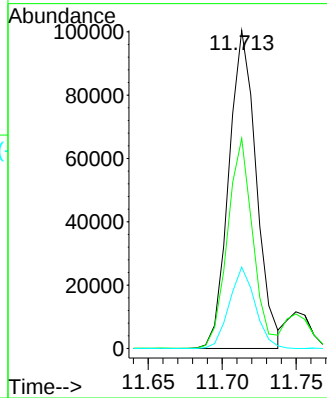
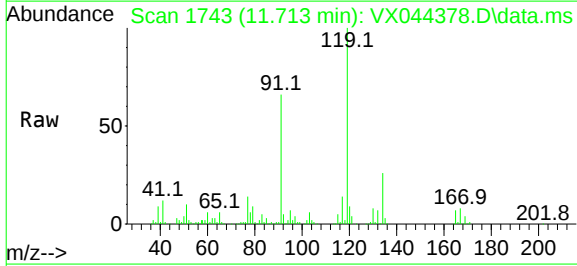
#83
tert-Butylbenzene
Concen: 20.232 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01

Tgt Ion:	119	Resp:	129411
Ion	Ratio	Lower	Upper
119	100		
91	61.3	30.9	92.5
134	24.1	11.5	34.4

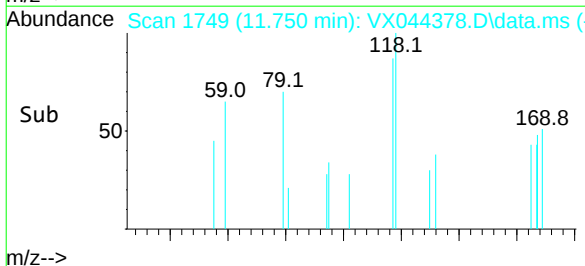
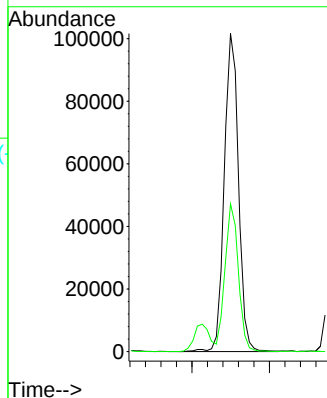
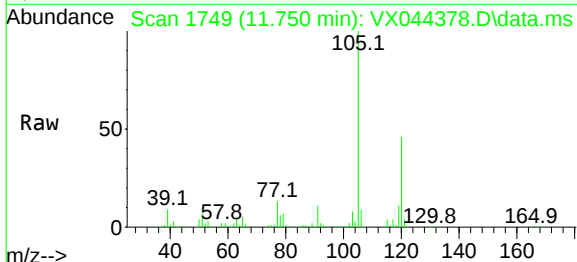
Manual Integrations
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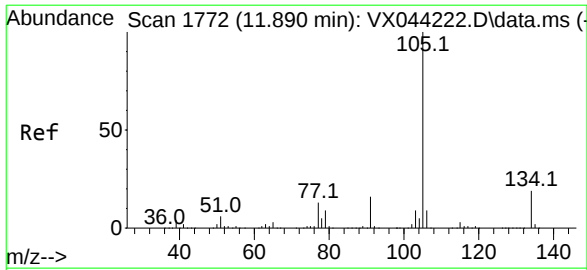
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.340 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Tgt Ion:	105	Resp:	129290
Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.7	65.1





#85

sec-Butylbenzene

Concen: 20.129 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

Tgt Ion:105 Resp: 156306

Ion Ratio Lower Upper

105 100

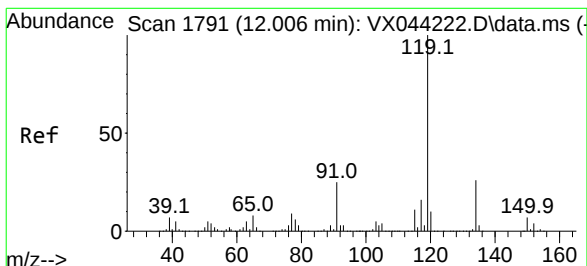
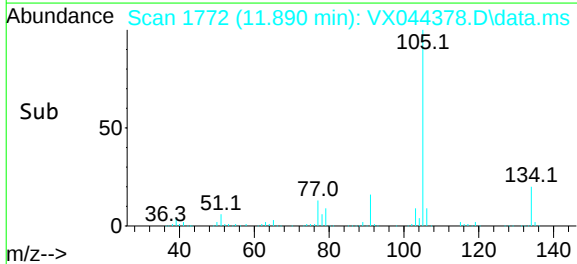
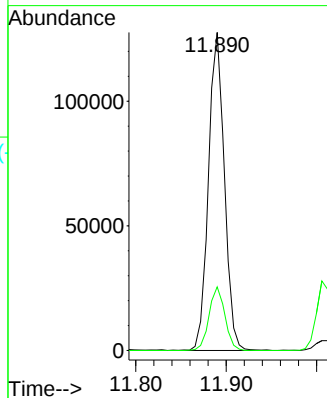
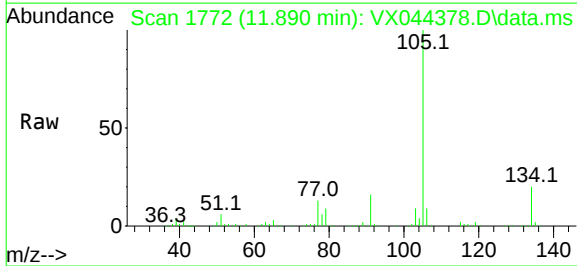
134 19.9 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#86

p-Isopropyltoluene

Concen: 19.501 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

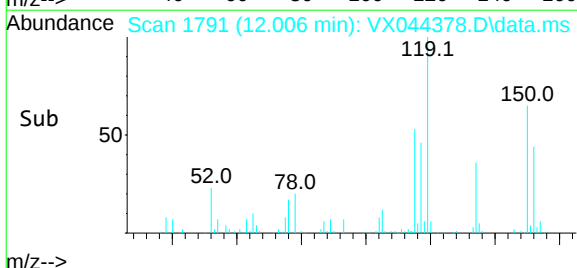
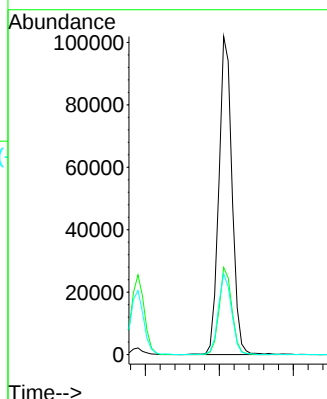
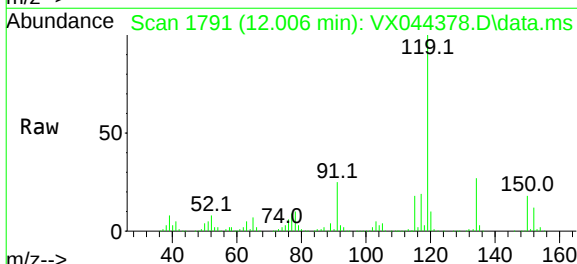
Tgt Ion:119 Resp: 126037

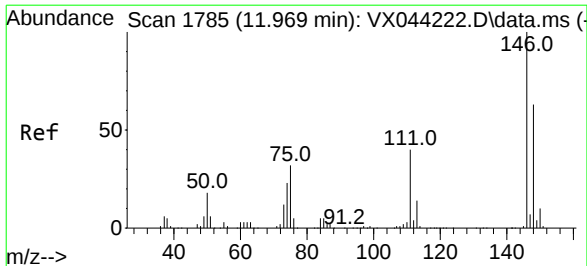
Ion Ratio Lower Upper

119 100

134 26.4 12.8 38.4

91 25.6 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 19.763 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

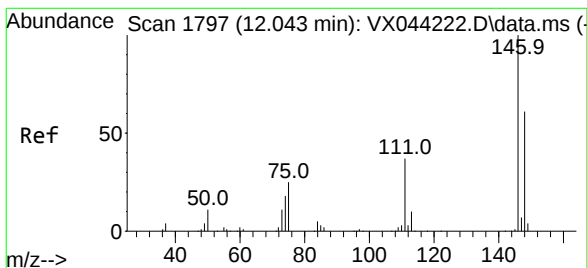
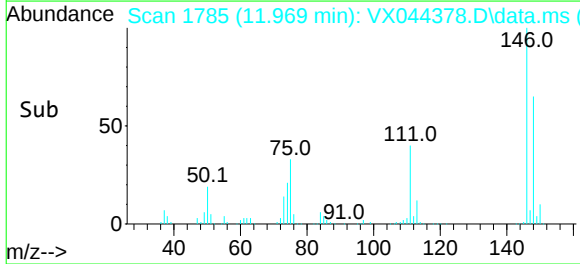
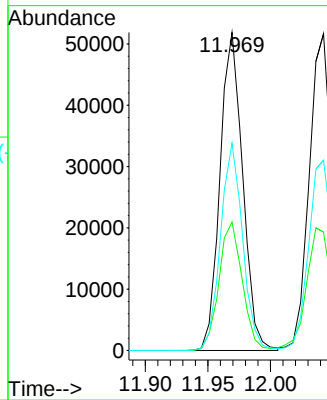
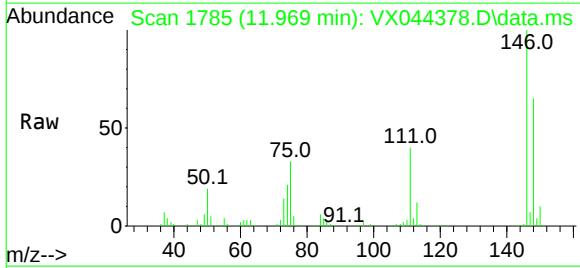
Tgt Ion:	146	Resp:	65335
Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.4	64.2
148	63.7	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#88

1,4-Dichlorobenzene

Concen: 19.529 ug/l

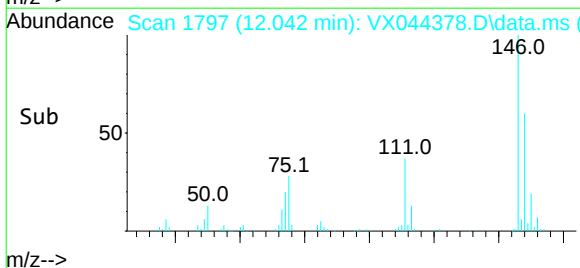
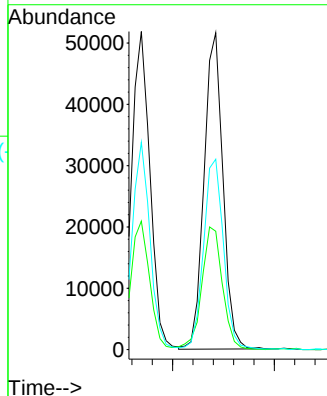
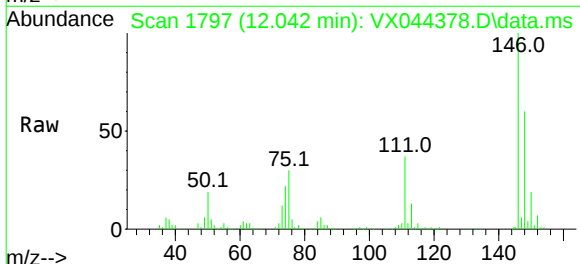
RT: 12.042 min Scan# 1797

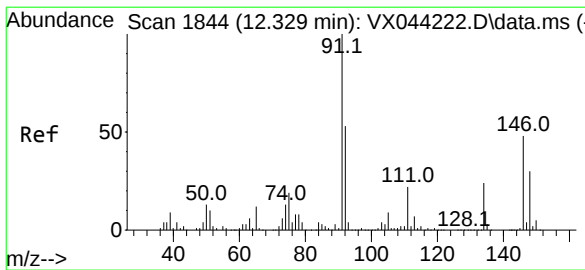
Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

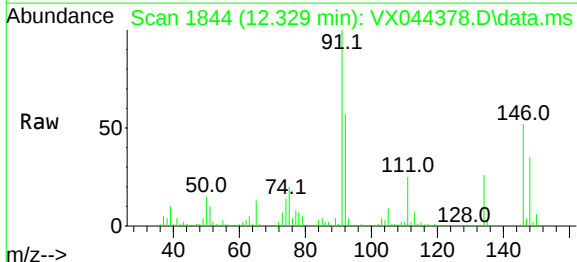
Tgt Ion:	146	Resp:	66369
Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.0	63.0
148	64.2	32.3	96.8





#89
n-Butylbenzene
Concen: 19.124 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

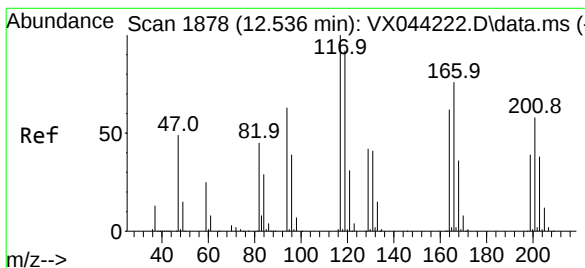
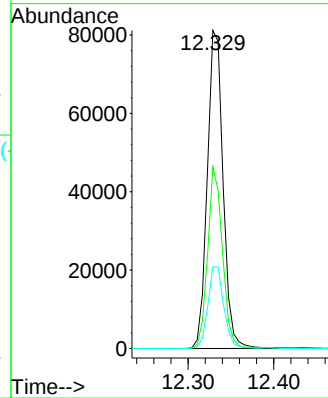
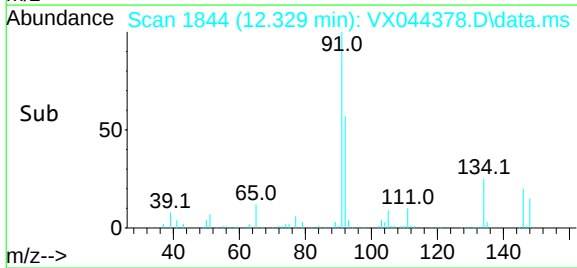
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



Tgt Ion: 91 Resp: 103934
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.7
134 26.0 12.6 37.8

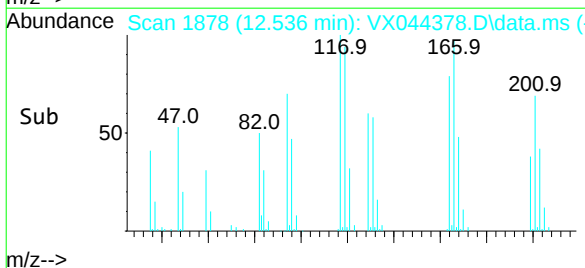
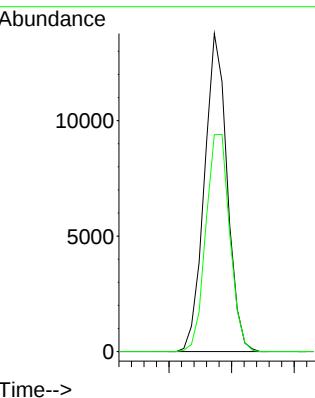
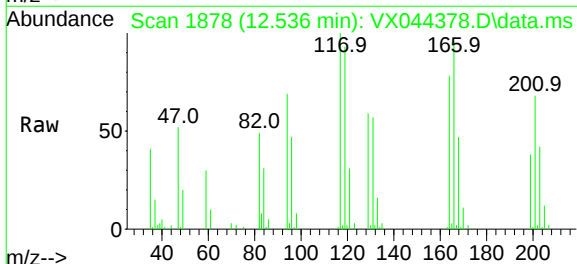
Manual Integrations
APPROVED

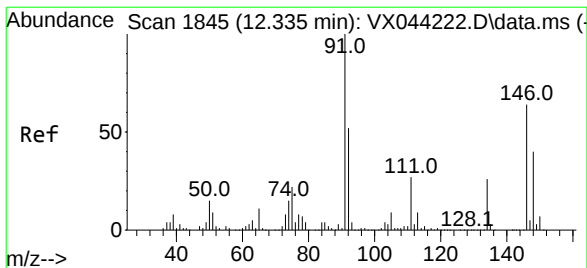
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#90
Hexachloroethane
Concen: 18.426 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

Tgt Ion:117 Resp: 17384
Ion Ratio Lower Upper
117 100
201 71.8 31.4 94.2





#91

1,2-Dichlorobenzene

Concen: 19.042 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

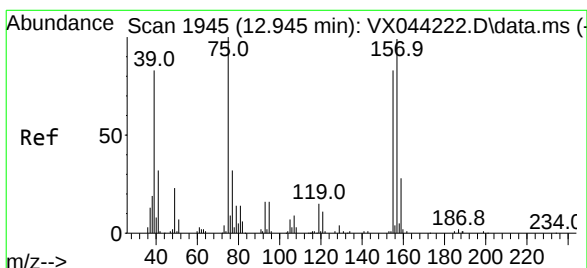
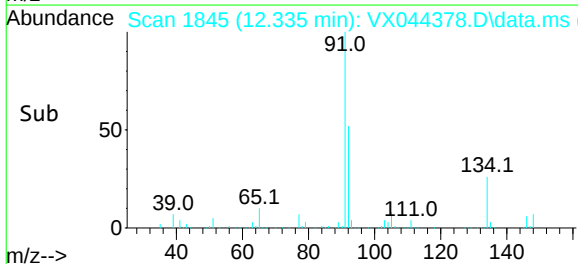
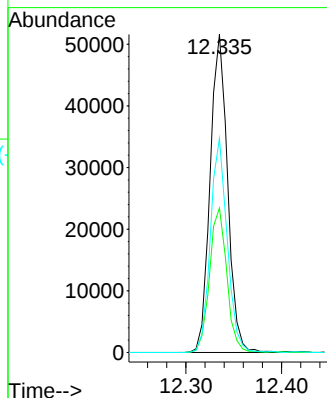
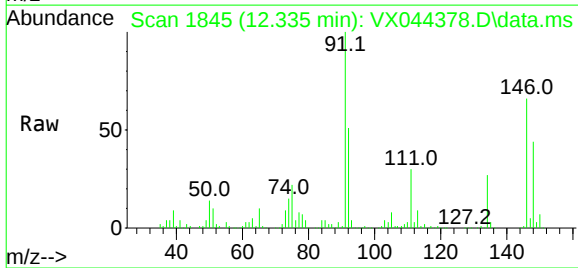
Tgt Ion:	146	Resp:	65366
Ion	Ratio	Lower	Upper
146	100		
111	44.9	21.4	64.3
148	65.3	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.498 ug/l

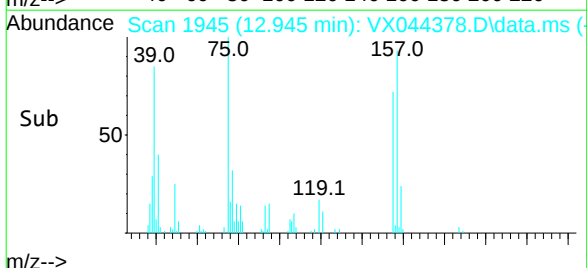
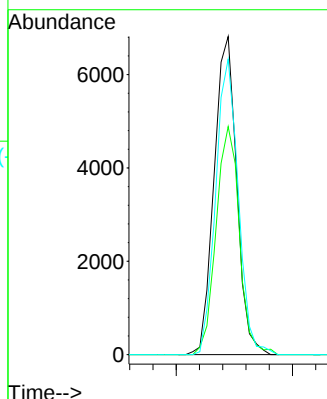
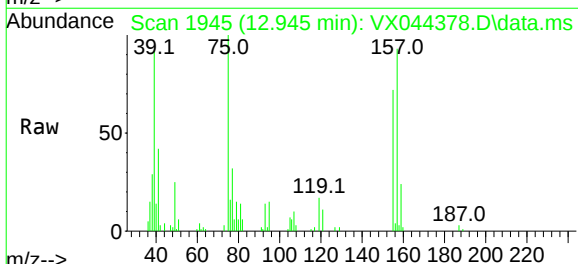
RT: 12.945 min Scan# 1945

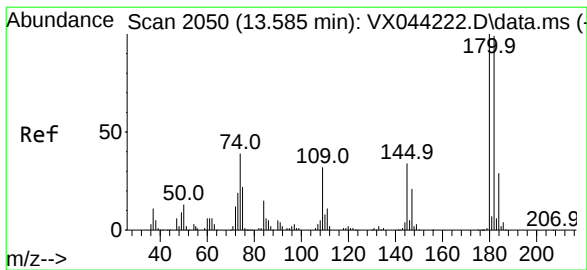
Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

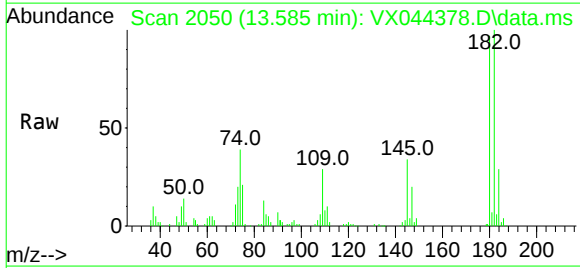
Tgt Ion:	75	Resp:	9208
Ion	Ratio	Lower	Upper
75	100		
155	73.4	38.1	114.3
157	92.7	47.2	141.6





#93
1,2,4-Trichlorobenzene
Concen: 19.227 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11

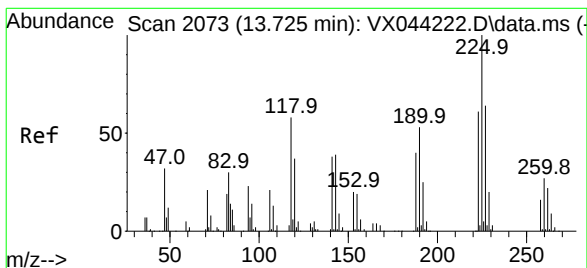
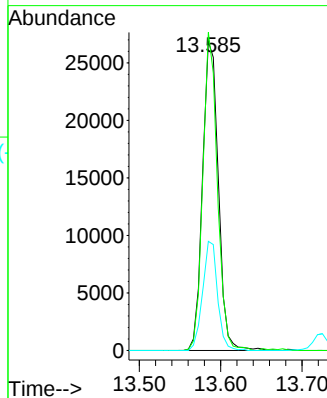
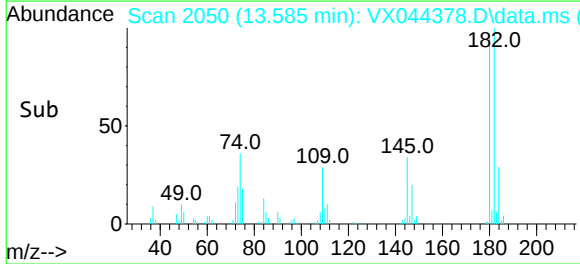
Instrument :
MSVOA_X
ClientSampleId :
VX1218WBS01



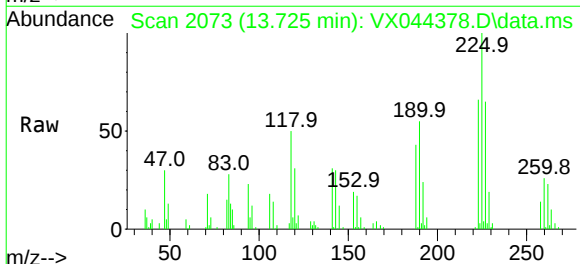
Tgt Ion:180 Resp: 36183
Ion Ratio Lower Upper
180 100
182 94.6 48.0 144.2
145 33.4 16.6 49.7

Manual Integrations
APPROVED

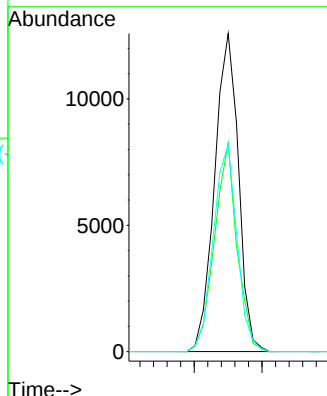
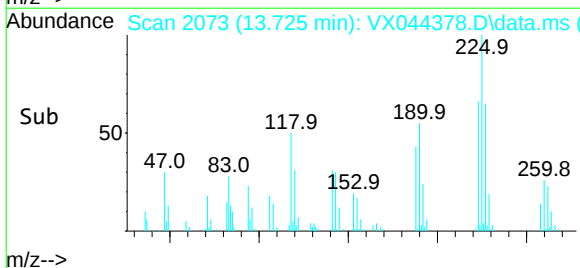
Reviewed By :John Carlone 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

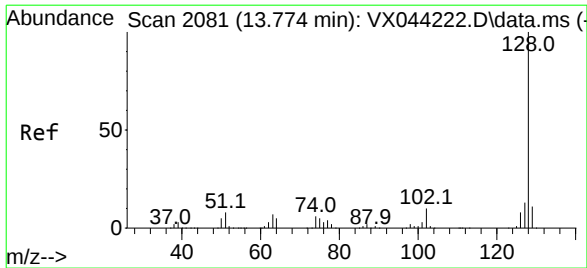


#94
Hexachlorobutadiene
Concen: 20.302 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX044378.D
Acq: 18 Dec 2024 13:11



Tgt Ion:225 Resp: 15368
Ion Ratio Lower Upper
225 100
223 62.2 30.8 92.4
227 64.9 32.1 96.3





#95

Naphthalene

Concen: 18.928 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Instrument :

MSVOA_X

ClientSampleId :

VX1218WBS01

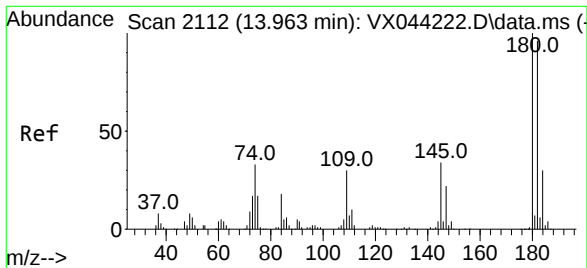
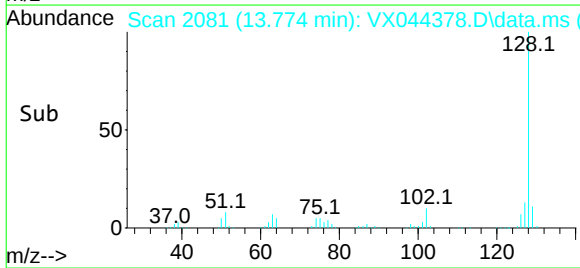
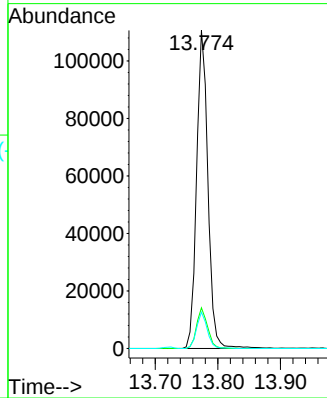
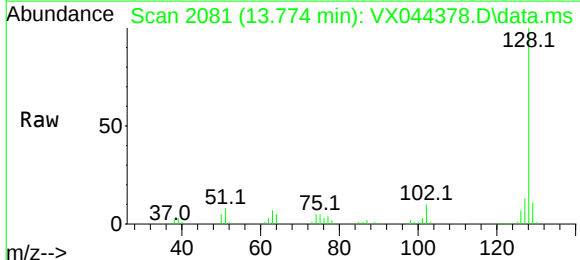
Tgt Ion:	128	Resp:	139046
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.5	15.7
129	10.8	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.742 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX044378.D

Acq: 18 Dec 2024 13:11

Tgt Ion:	180	Resp:	39406
Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.0	144.0
145	34.4	17.7	53.1

