

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101524\
 Data File : VX043408.D
 Acq On : 15 Oct 2024 16:15
 Operator : JC/MD
 Sample : VX1015MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015MBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/16/2024
 Supervised By :Mahesh Dadoda 10/16/2024

Quant Time: Oct 16 07:30:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	87139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75825	53.281	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.560%			
35) Dibromofluoromethane	5.385	113	55278	52.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.100%			
50) Toluene-d8	8.647	98	186483	50.672	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.340%			
62) 4-Bromofluorobenzene	11.079	95	69521	51.998	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19582	19.319	ug/l	99
3) Chloromethane	1.301	50	20651	19.783	ug/l	94
4) Vinyl Chloride	1.374	62	21547	20.607	ug/l	93
5) Bromomethane	1.599	94	9156	21.433	ug/l	92
6) Chloroethane	1.666	64	7951	20.419	ug/l	98
7) Trichlorofluoromethane	1.867	101	31607	20.231	ug/l	93
8) Diethyl Ether	2.136	74	12631	20.775	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	19810	20.319	ug/l	98
10) Methyl Iodide	2.447	142	24266	19.816	ug/l	99
11) Tert butyl alcohol	3.001	59	25425m	93.885	ug/l	
12) 1,1-Dichloroethene	2.306	96	18941	19.564	ug/l	96
13) Acrolein	2.239	56	21752	85.042	ug/l	100
14) Allyl chloride	2.660	41	31890	20.049	ug/l	99
15) Acrylonitrile	3.075	53	58801	106.335	ug/l	99
16) Acetone	2.392	43	63512	106.868	ug/l	100
17) Carbon Disulfide	2.502	76	37838	16.068	ug/l	97
18) Methyl Acetate	2.709	43	32034	21.487	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	75172	21.703	ug/l	98
20) Methylene Chloride	2.788	84	22064	20.136	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	20307	21.075	ug/l	95
22) Diisopropyl ether	3.764	45	69578	21.748	ug/l	98
23) Vinyl Acetate	3.721	43	307462	90.631	ug/l	99
24) 1,1-Dichloroethane	3.605	63	40426	21.690	ug/l	96
25) 2-Butanone	4.568	43	91179	111.894	ug/l	99
26) 2,2-Dichloropropane	4.471	77	38159	21.519	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	25554	21.265	ug/l	99
28) Bromochloromethane	4.904	49	13335	18.136	ug/l	99
29) Tetrahydrofuran	5.019	42	56085	108.041	ug/l	99
30) Chloroform	5.093	83	44176	21.583	ug/l	97
31) Cyclohexane	5.458	56	32202	20.970	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	40073	21.316	ug/l	99
36) 1,1-Dichloropropene	5.690	75	28098	20.944	ug/l	97
37) Ethyl Acetate	4.727	43	34377	21.338	ug/l	99
38) Carbon Tetrachloride	5.672	117	32084	20.201	ug/l	96
39) Methylcyclohexane	7.373	83	34342	20.353	ug/l	97
40) Benzene	6.037	78	84729	20.830	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	18020	21.487	ug/l	97
42) 1,2-Dichloroethane	6.086	62	35916	21.668	ug/l	100
43) Isopropyl Acetate	6.348	43	56046	21.061	ug/l	100
44) Trichloroethene	7.123	130	21369	19.807	ug/l	94
45) 1,2-Dichloropropane	7.434	63	21188	21.226	ug/l	98
46) Dibromomethane	7.580	93	16677	20.849	ug/l	98
47) Bromodichloromethane	7.824	83	31489	20.024	ug/l	98
48) Methyl methacrylate	7.696	41	27108	20.761	ug/l	98
49) 1,4-Dioxane	7.671	88	11236	442.694	ug/l	89
51) 4-Methyl-2-Pentanone	8.574	43	174903	108.218	ug/l	99
52) Toluene	8.714	92	53134	20.843	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	32826	21.006	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	34600	20.644	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	22035	21.749	ug/l	98
56) Ethyl methacrylate	9.116	69	36700	22.157	ug/l	98
57) 1,3-Dichloropropane	9.305	76	36649	21.239	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	70043	93.814	ug/l	99
59) 2-Hexanone	9.433	43	135132	110.564	ug/l	100
60) Dibromochloromethane	9.519	129	21950	18.675	ug/l	100
61) 1,2-Dibromoethane	9.610	107	22893	21.031	ug/l	100
64) Tetrachloroethene	9.269	164	18887	20.706	ug/l	92
65) Chlorobenzene	10.079	112	58492	20.696	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	20532	20.546	ug/l	99
67) Ethyl Benzene	10.195	91	103071	21.100	ug/l	99
68) m/p-Xylenes	10.299	106	75623	40.964	ug/l	98
69) o-Xylene	10.640	106	37711	20.557	ug/l	100
70) Styrene	10.653	104	62268	20.945	ug/l	98
71) Bromoform	10.799	173	13914	18.175	ug/l #	99
73) Isopropylbenzene	10.963	105	99630	20.996	ug/l	100
74) N-amyl acetate	10.842	43	47631	21.145	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	32905	21.286	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	28116m	20.768	ug/l	
77) Bromobenzene	11.195	156	23419	20.280	ug/l	98
78) n-propylbenzene	11.305	91	108438	20.816	ug/l	99
79) 2-Chlorotoluene	11.366	91	68920	20.579	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	82281	21.020	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9682	18.534	ug/l	91
82) 4-Chlorotoluene	11.457	91	78839	20.665	ug/l	100
83) tert-Butylbenzene	11.713	119	81893	20.307	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	82941	21.059	ug/l	100
85) sec-Butylbenzene	11.890	105	100520	21.026	ug/l	97
86) p-Isopropyltoluene	12.006	119	82843	20.770	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41707	20.502	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	41697	19.882	ug/l	99
89) n-Butylbenzene	12.335	91	68682	20.568	ug/l	99
90) Hexachloroethane	12.536	117	13853	18.519	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	42394	20.378	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7208	19.098	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	23825	19.865	ug/l	97
94) Hexachlorobutadiene	13.725	225	9689	20.379	ug/l	97
95) Naphthalene	13.774	128	91009	20.642	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	25170	20.341	ug/l	98

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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

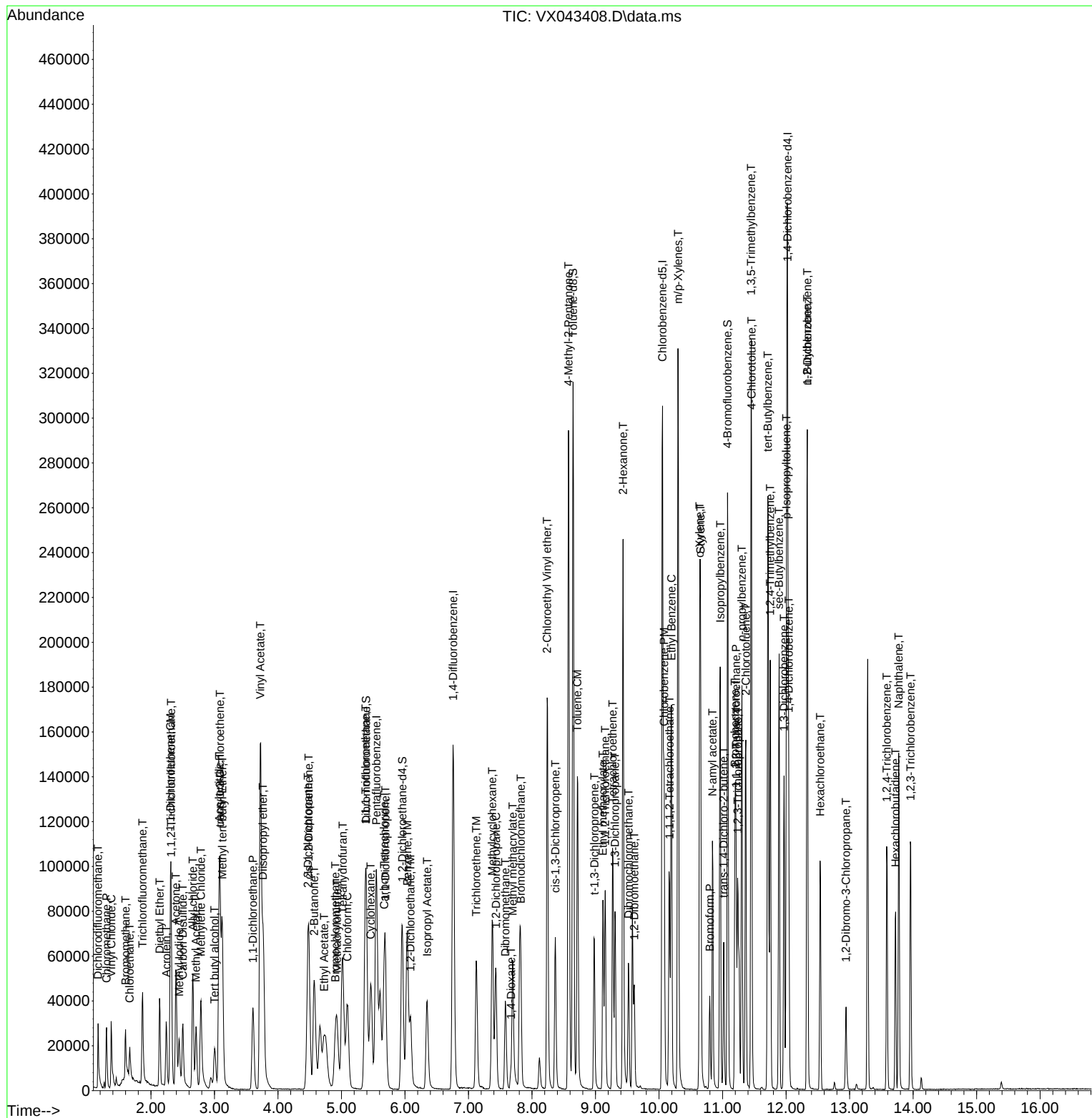
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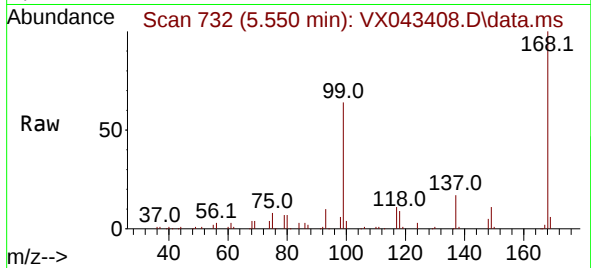
Reviewed By : John Carlone 10/16/2024
Supervised By : Mahesh Dadoda 10/16/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

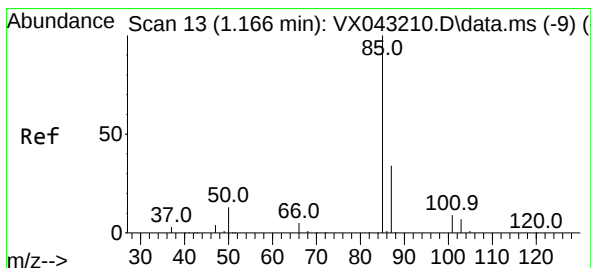
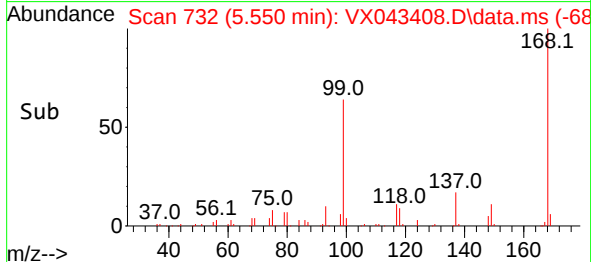
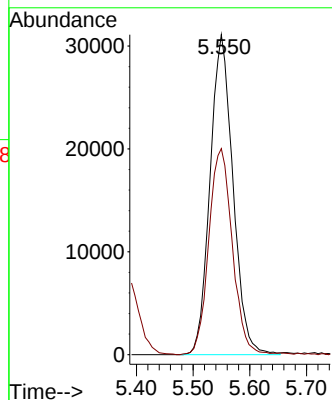
Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01



Tgt Ion:168 Resp: 87139
Ion Ratio Lower Upper
168 100
99 64.4 49.7 74.5

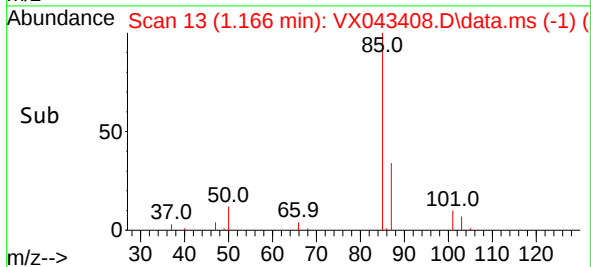
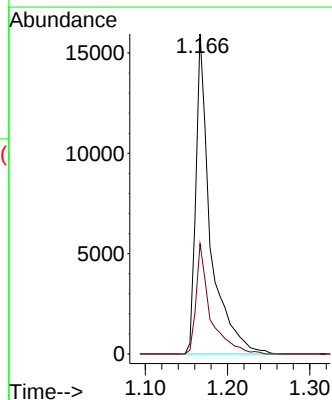
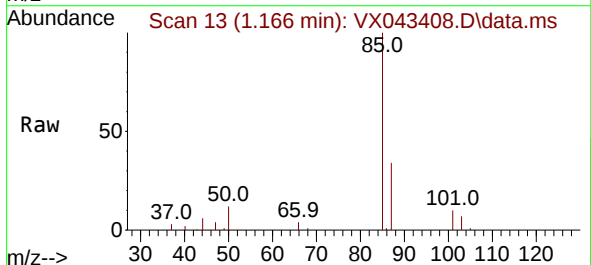
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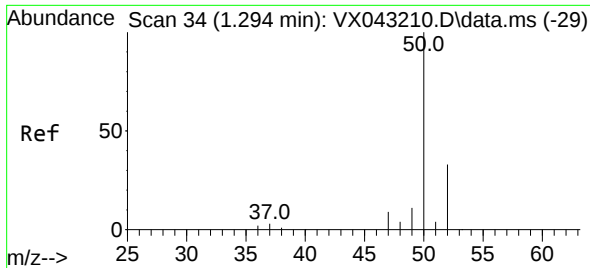
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#2
Dichlorodifluoromethane
Concen: 19.319 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion: 85 Resp: 19582
Ion Ratio Lower Upper
85 100
87 34.4 17.1 51.2





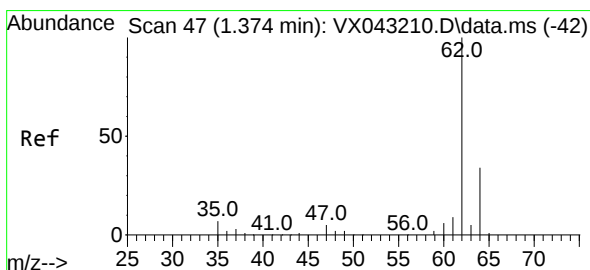
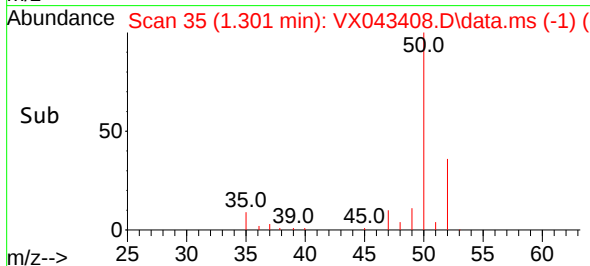
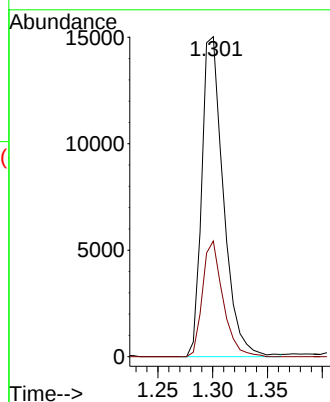
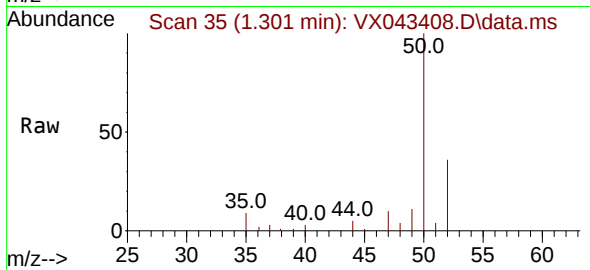
#3
Chloromethane
Concen: 19.783 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 50 Resp: 2065
Ion Ratio Lower Upper
50 100
52 36.1 26.1 39.1

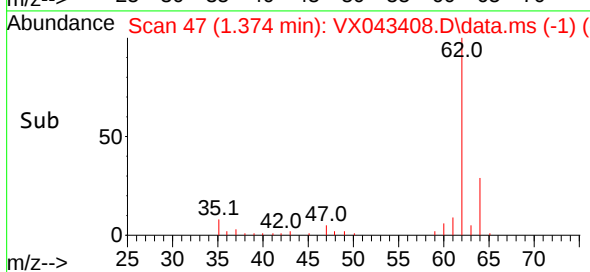
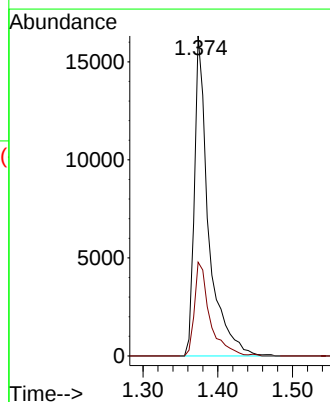
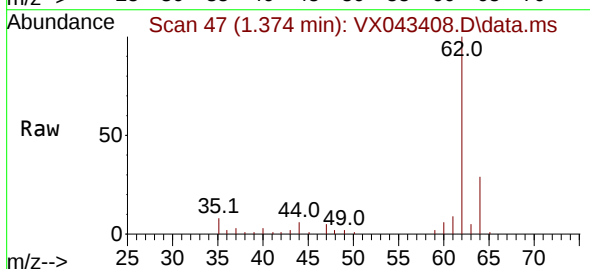
Manual Integrations
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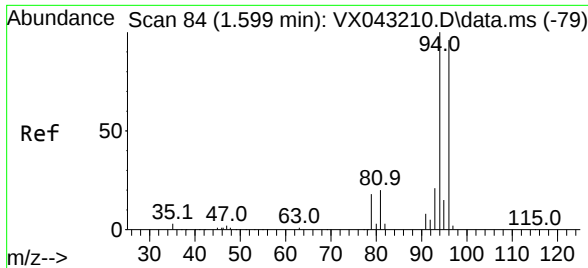
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#4
Vinyl Chloride
Concen: 20.607 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

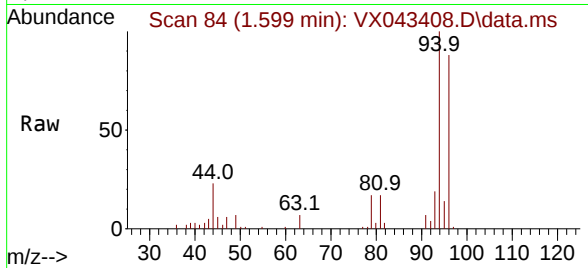
Tgt Ion: 62 Resp: 21547
Ion Ratio Lower Upper
62 100
64 29.3 26.8 40.2





#5
 Bromomethane
 Concen: 21.433 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX043408.D
 Acq: 15 Oct 2024 16:15

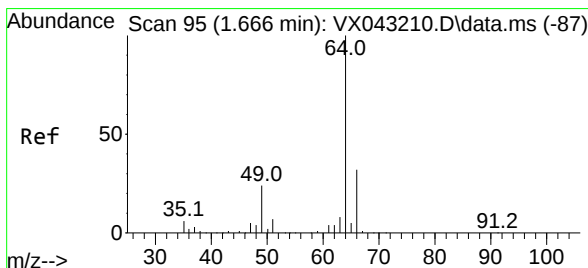
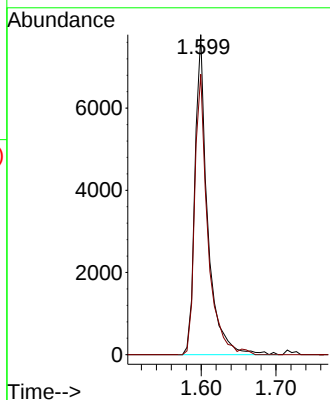
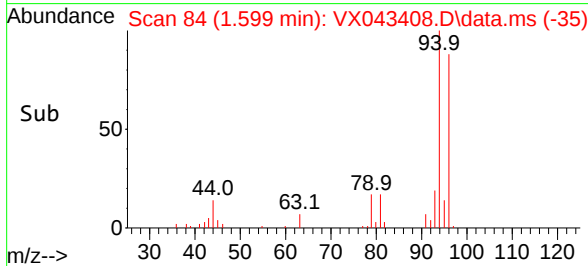
Instrument :
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Tgt Ion: 94 Resp: 9150
 Ion Ratio Lower Upper
 94 100
 96 87.6 76.6 115.0

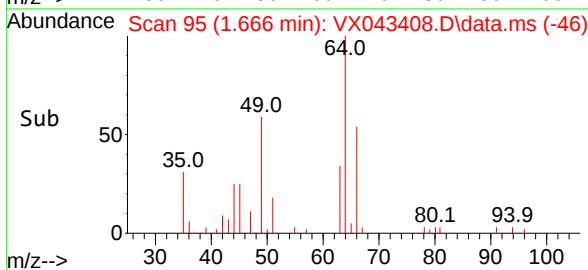
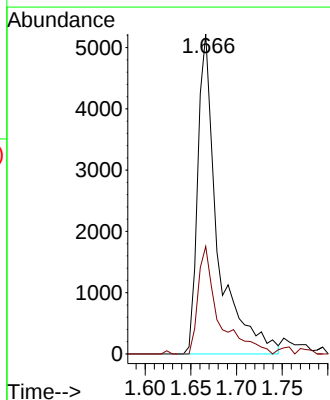
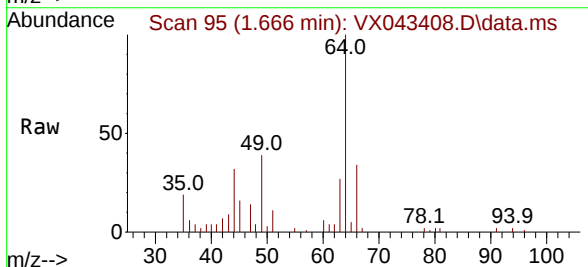
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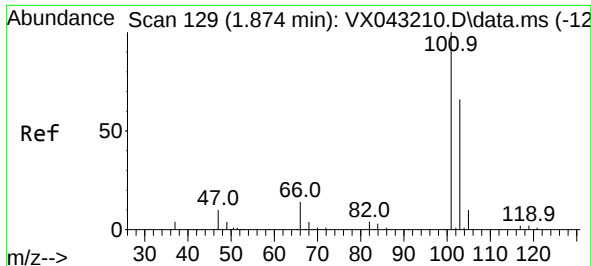
Reviewed By :John Carlone 10/16/2024
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#6
 Chloroethane
 Concen: 20.419 ug/l
 RT: 1.666 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VX043408.D
 Acq: 15 Oct 2024 16:15

Tgt Ion: 64 Resp: 7951
 Ion Ratio Lower Upper
 64 100
 66 33.6 25.8 38.8





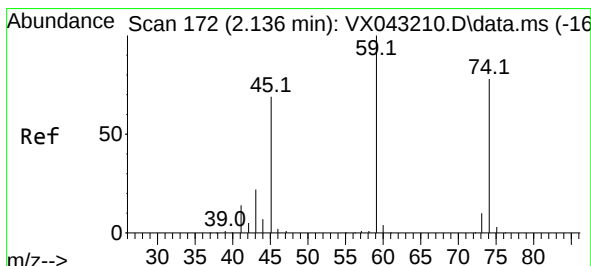
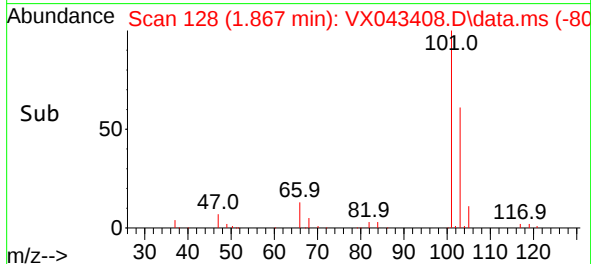
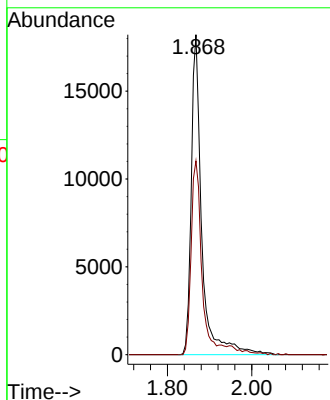
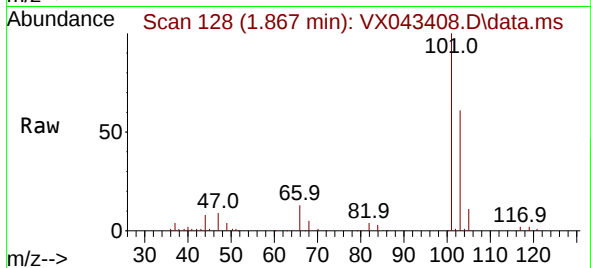
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 Trichlorofluoromethane
 Concen: 20.231 ug/l
 RT: 1.867 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX043408.D
 Acq: 15 Oct 2024 16:15

Instrument :
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 ClientSampleId :
 VX1015MBS01

Tgt Ion:101 Resp: 3160
 Ion Ratio Lower Upper
 101 100
 103 60.6 52.7 79.1

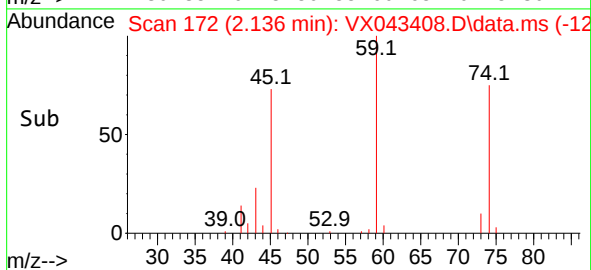
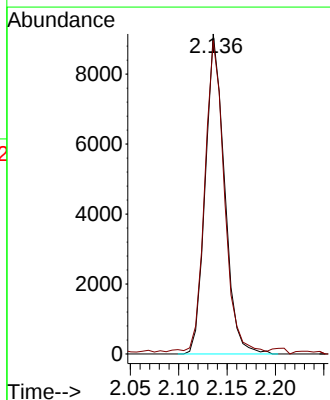
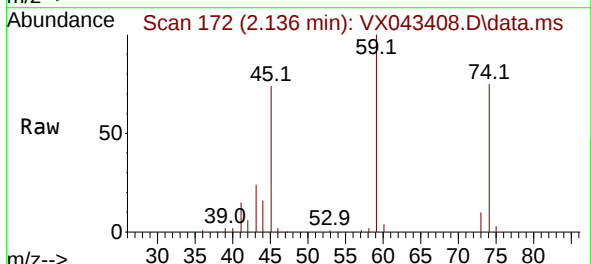
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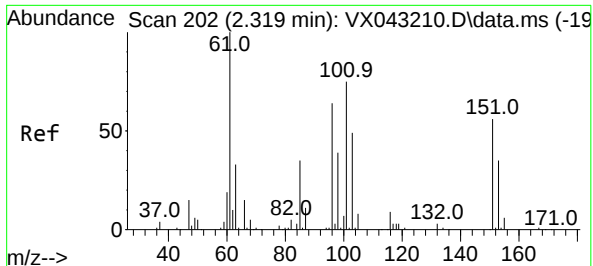
Reviewed By :John Carlone 10/16/2024
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#8
 Diethyl Ether
 Concen: 20.775 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX043408.D
 Acq: 15 Oct 2024 16:15

Tgt Ion: 74 Resp: 12631
 Ion Ratio Lower Upper
 74 100
 45 97.9 47.1 141.4





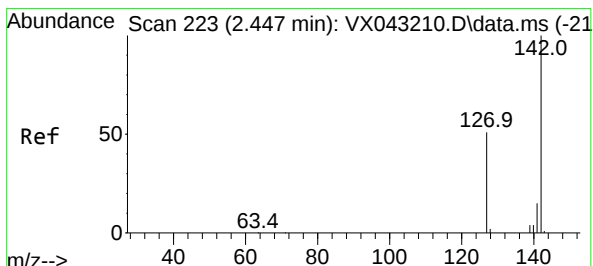
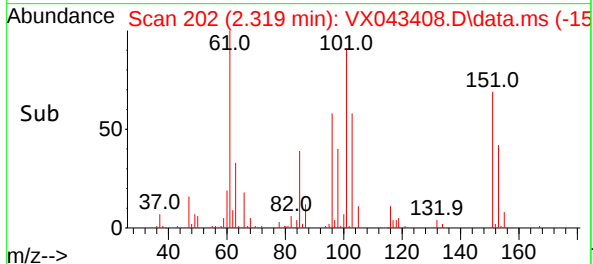
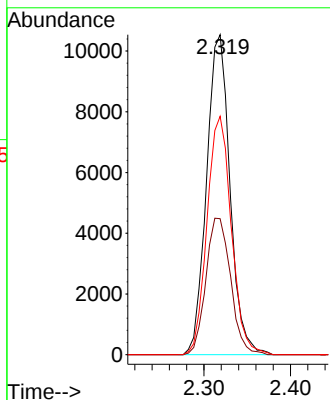
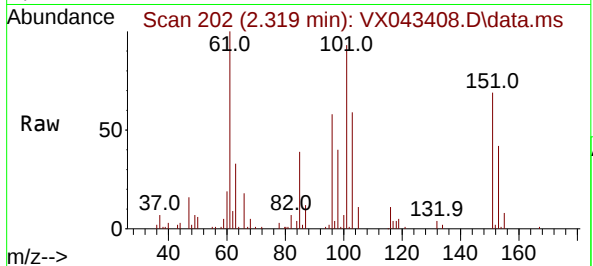
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.319 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion:101 Resp: 19810
Ion Ratio Lower Upper
101 100
85 45.0 37.0 55.6
151 77.3 60.0 90.0

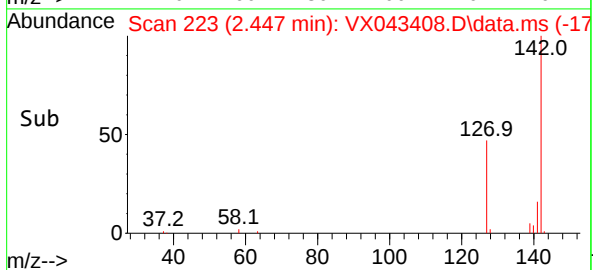
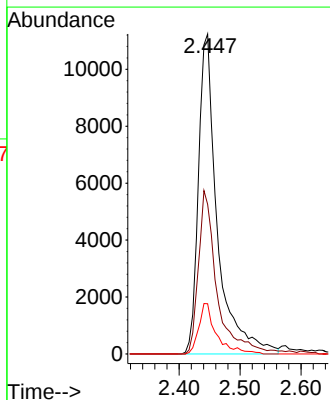
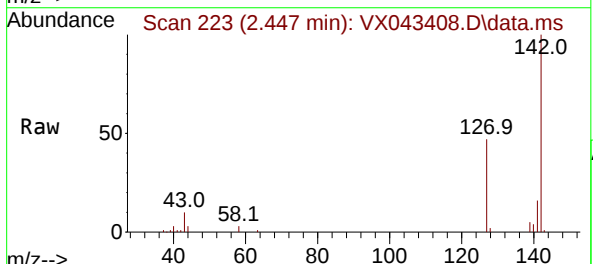
Manual Integrations
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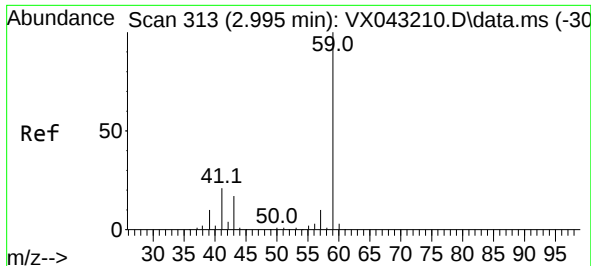
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#10
Methyl Iodide
Concen: 19.816 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion:142 Resp: 24266
Ion Ratio Lower Upper
142 100
127 50.7 39.8 59.8
141 14.7 11.6 17.4





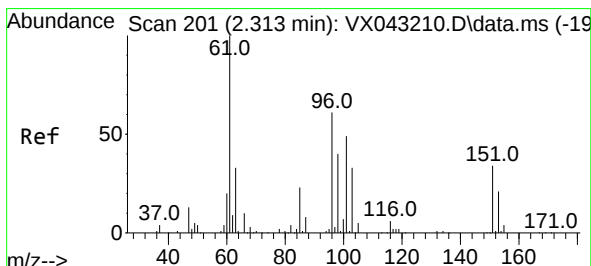
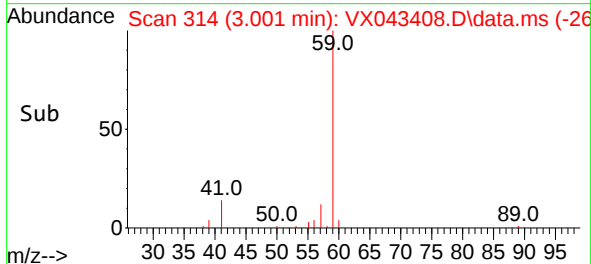
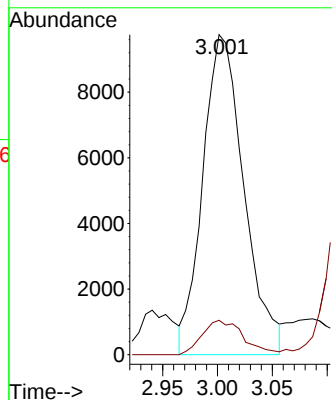
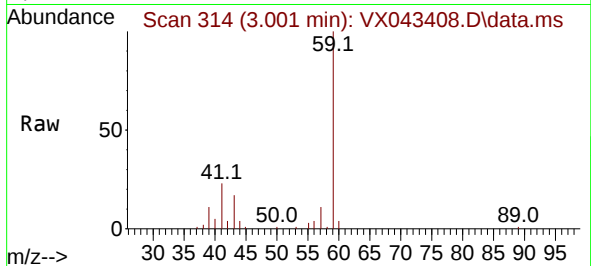
#11
Tert butyl alcohol
Concen: 93.885 ug/l m
RT: 3.001 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 59 Resp: 2542
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

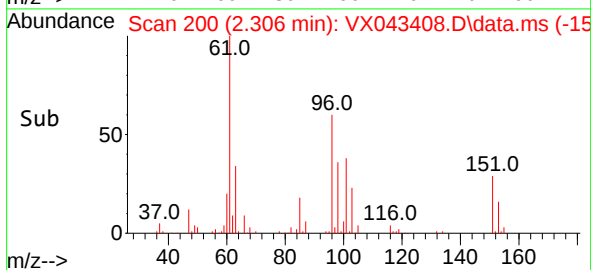
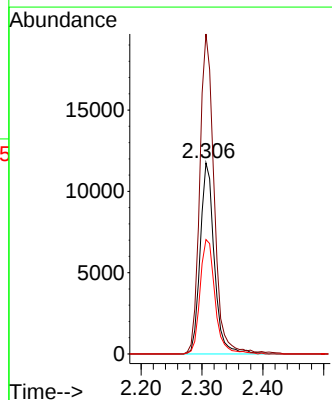
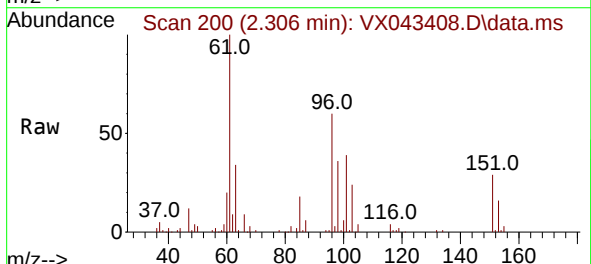
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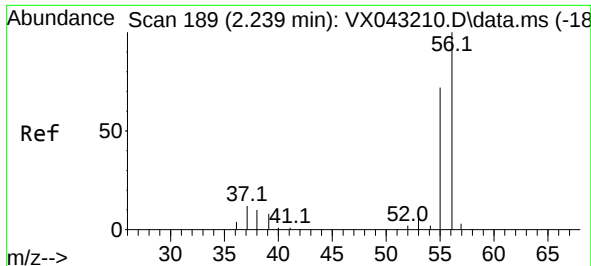
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#12
1,1-Dichloroethene
Concen: 19.564 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion: 96 Resp: 18941
Ion Ratio Lower Upper
96 100
61 167.5 130.6 195.8
98 59.9 51.7 77.5





#13

Acrolein

Concen: 85.042 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBS01

Tgt Ion: 56 Resp: 21752

Ion Ratio Lower Upper

56 100

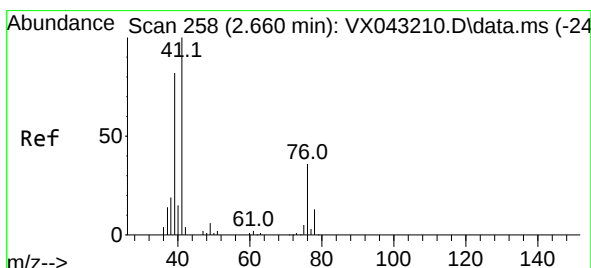
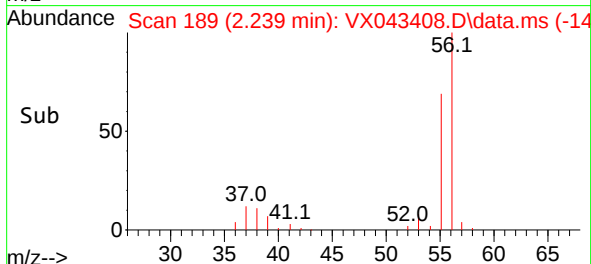
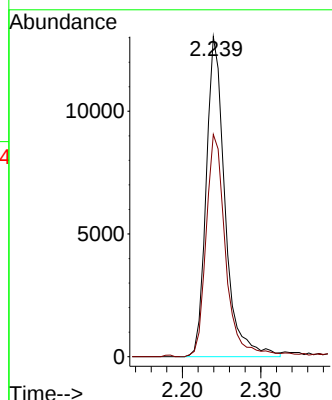
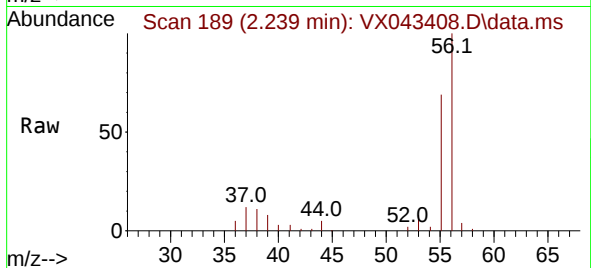
55 71.8 57.4 86.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#14

Allyl chloride

Concen: 20.049 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

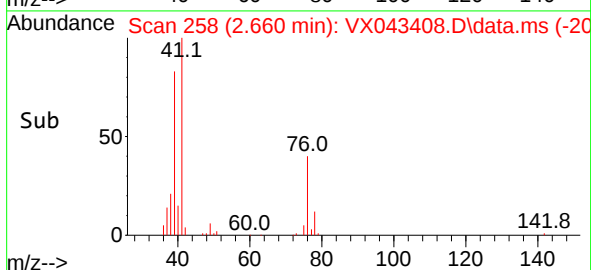
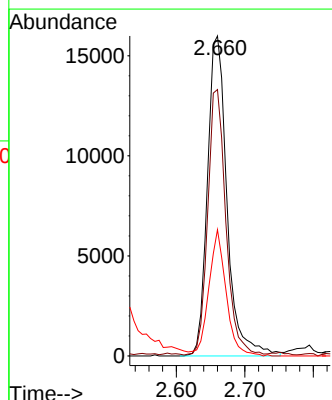
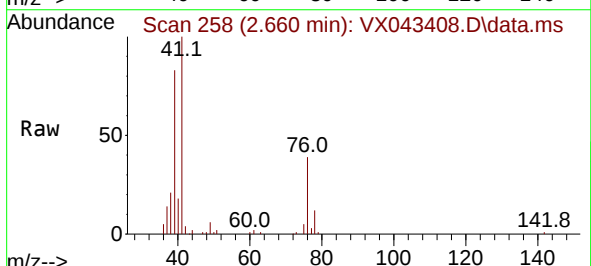
Tgt Ion: 41 Resp: 31890

Ion Ratio Lower Upper

41 100

39 76.6 61.7 92.5

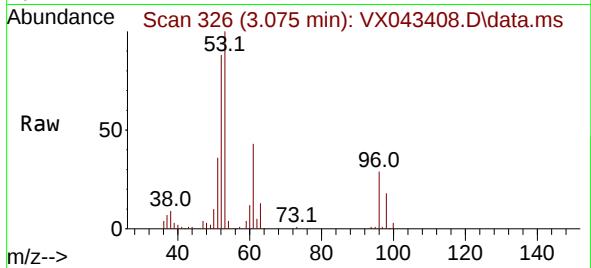
76 34.9 28.6 43.0





#15
Acrylonitrile
Concen: 106.335 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

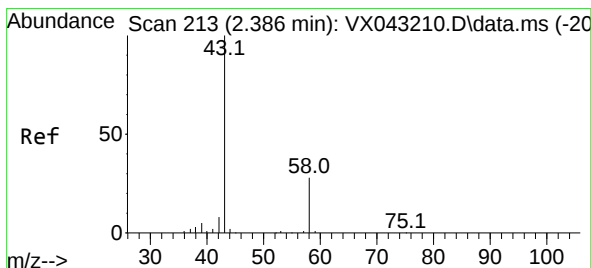
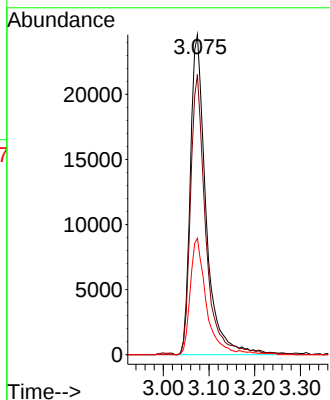
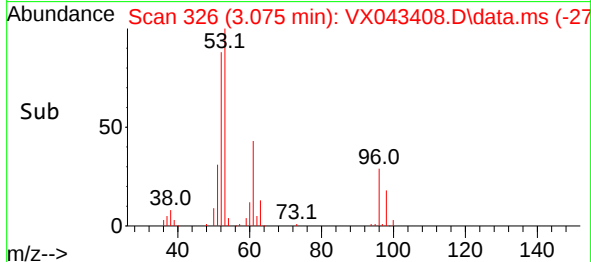
Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01



Tgt Ion: 53 Resp: 5880
Ion Ratio Lower Upper
53 100
52 84.9 67.6 101.4
51 36.5 30.3 45.5

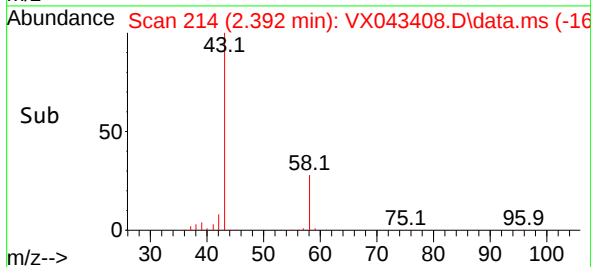
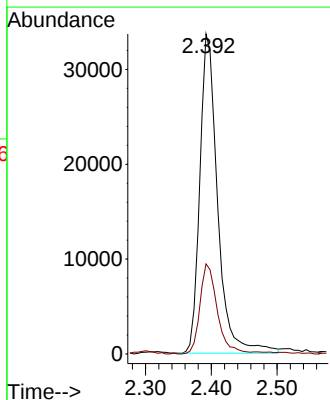
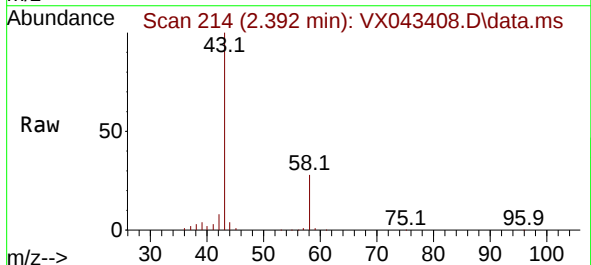
Manual Integrations
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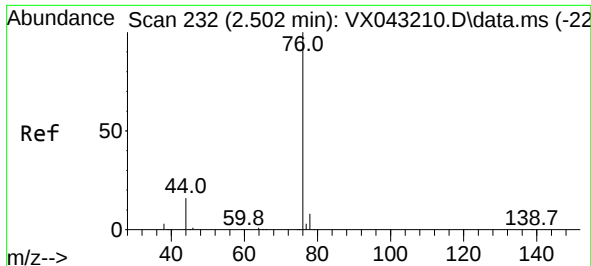
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#16
Acetone
Concen: 106.868 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion: 43 Resp: 63512
Ion Ratio Lower Upper
43 100
58 28.2 22.6 33.8





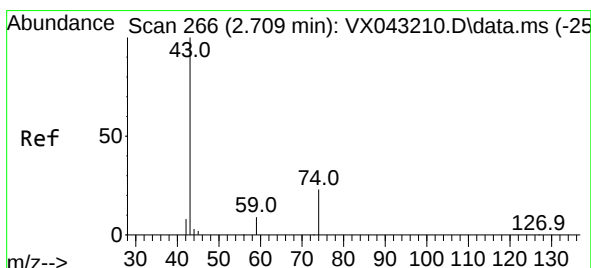
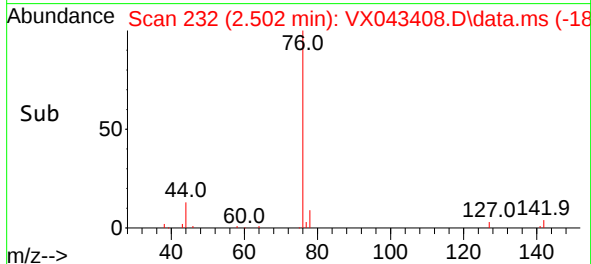
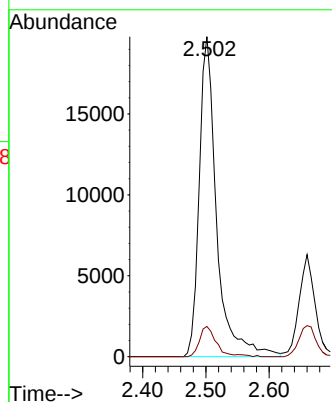
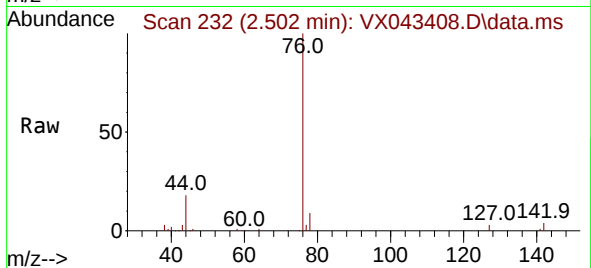
#17
Carbon Disulfide
Concen: 16.068 ug/l
RT: 2.502 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 76 Resp: 37838
Ion Ratio Lower Upper
76 100
78 9.5 6.7 10.1

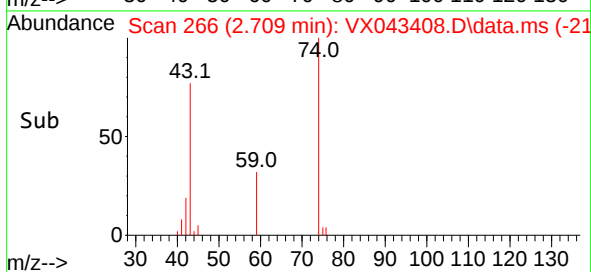
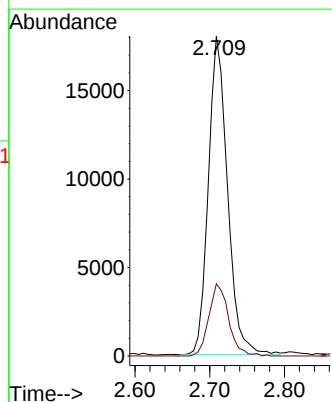
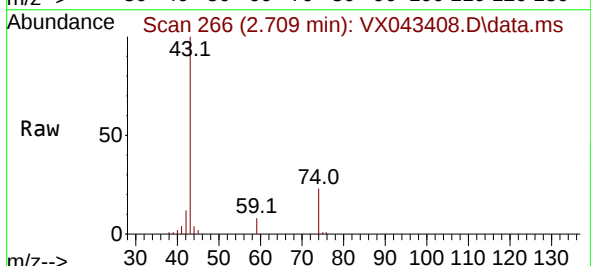
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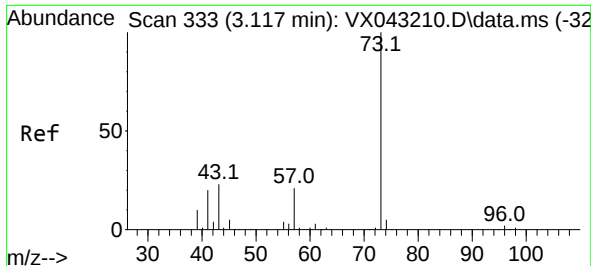
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#18
Methyl Acetate
Concen: 21.487 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion: 43 Resp: 32034
Ion Ratio Lower Upper
43 100
74 23.4 19.1 28.7





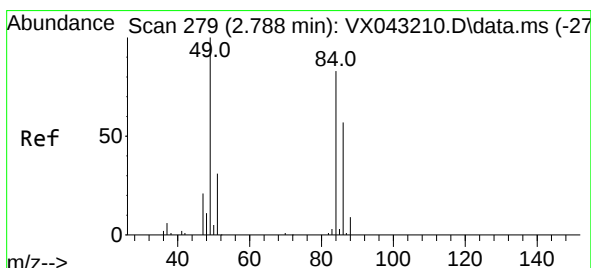
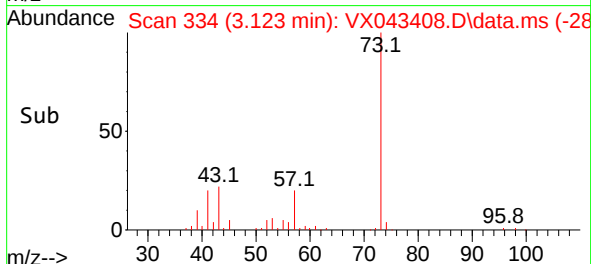
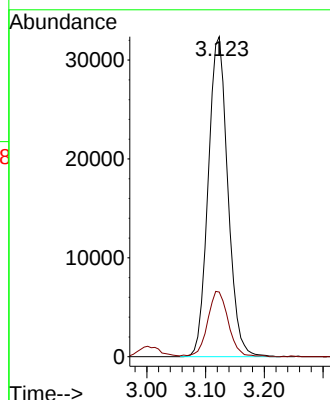
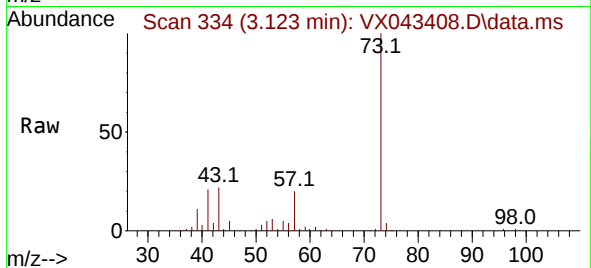
#19
Methyl tert-butyl Ether
Concen: 21.703 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 73 Resp: 75172
Ion Ratio Lower Upper
73 100
57 20.2 16.7 25.1

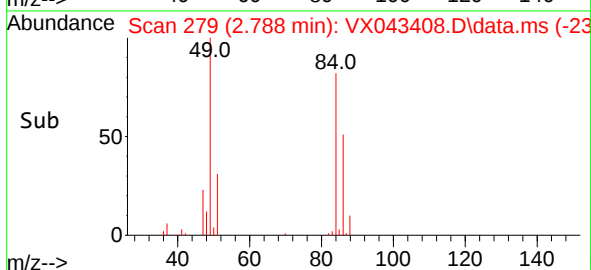
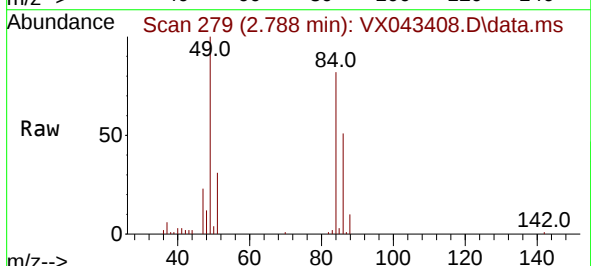
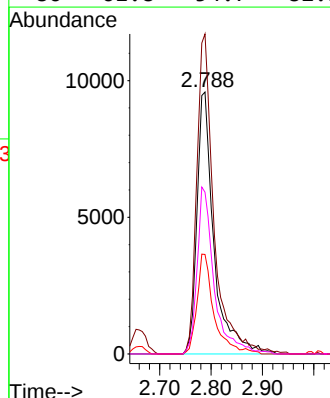
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#20
Methylene Chloride
Concen: 20.136 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion: 84 Resp: 22064
Ion Ratio Lower Upper
84 100
49 122.1 96.7 145.1
51 38.0 30.4 45.6
86 61.8 54.7 82.1





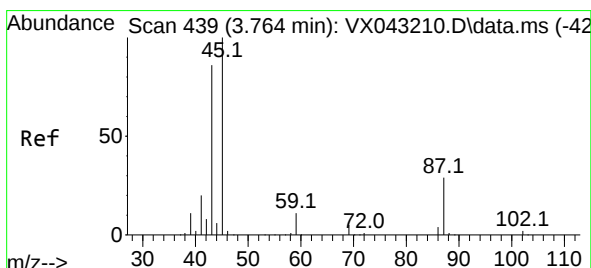
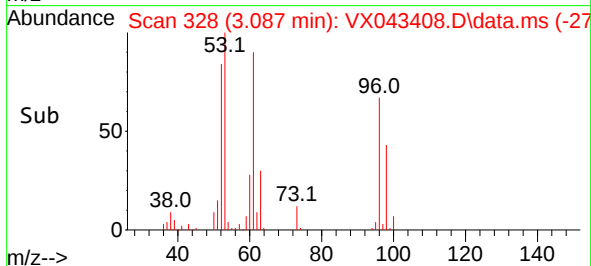
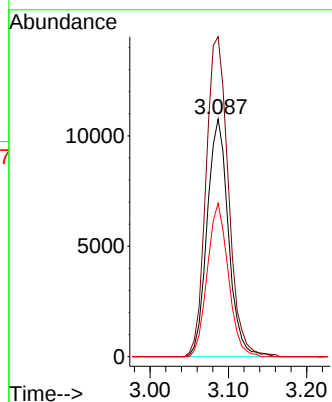
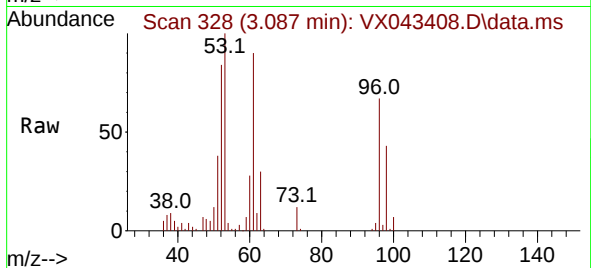
#21
trans-1,2-Dichloroethene
Concen: 21.075 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 96 Resp: 2030
Ion Ratio Lower Upper
96 100
61 134.5 112.3 168.5
98 64.5 54.6 82.0

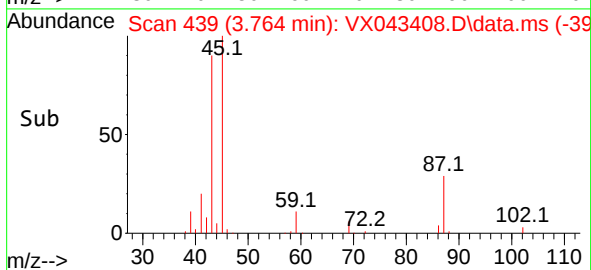
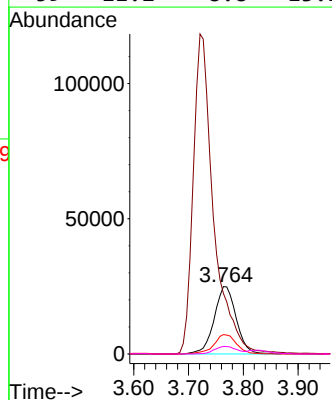
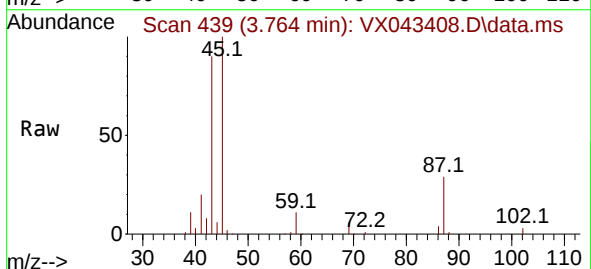
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#22
Diisopropyl ether
Concen: 21.748 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

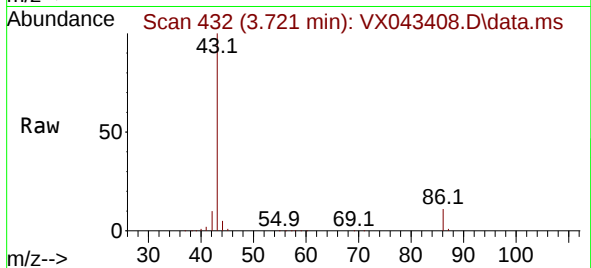
Tgt Ion: 45 Resp: 69578
Ion Ratio Lower Upper
45 100
43 87.6 68.5 102.7
87 28.7 23.0 34.4
59 11.2 8.8 13.2





#23
 Vinyl Acetate
 Concen: 90.631 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX043408.D
 Acq: 15 Oct 2024 16:15

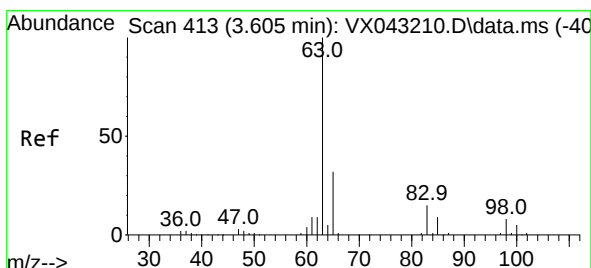
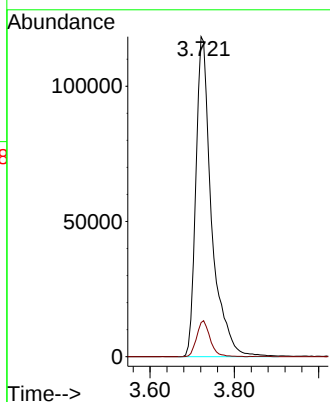
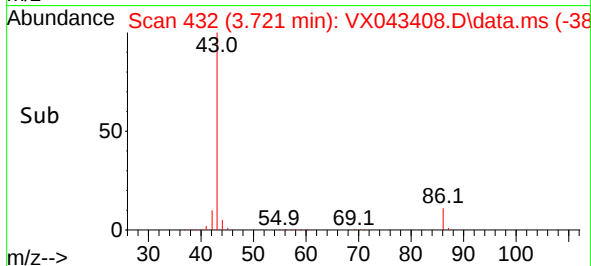
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015MBS01



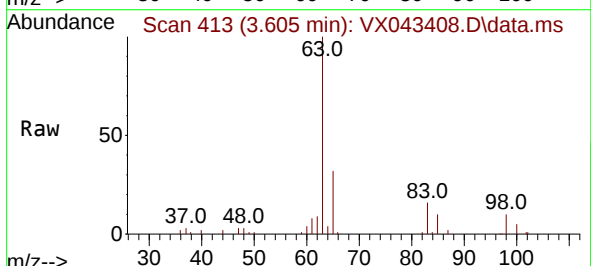
Tgt Ion: 43 Resp: 307462
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.8 13.2

Manual Integrations
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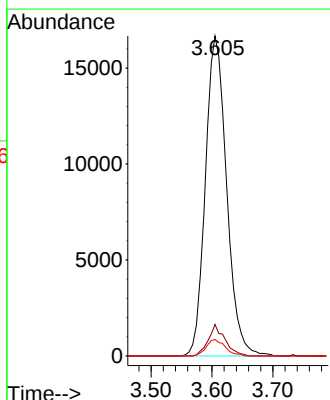
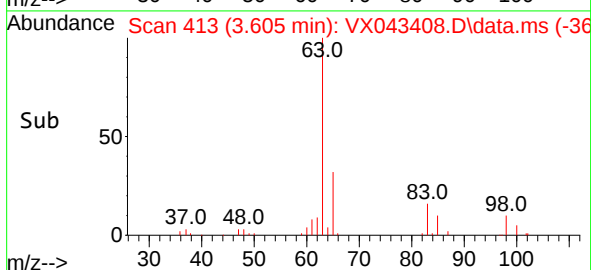
Reviewed By :John Carlone 10/16/2024
 Supervised By :Mahesh Dadoda 10/16/2024

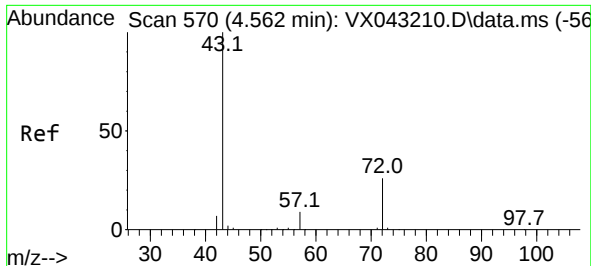


#24
 1,1-Dichloroethane
 Concen: 21.690 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX043408.D
 Acq: 15 Oct 2024 16:15



Tgt Ion: 63 Resp: 40426
 Ion Ratio Lower Upper
 63 100
 98 9.8 3.8 11.2
 100 5.1 2.5 7.4





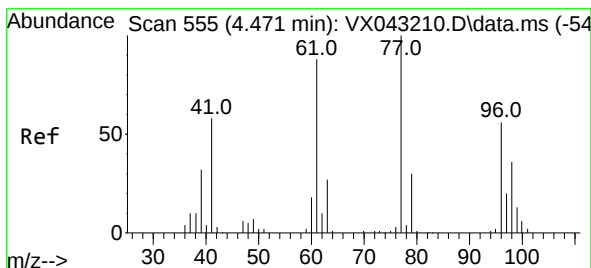
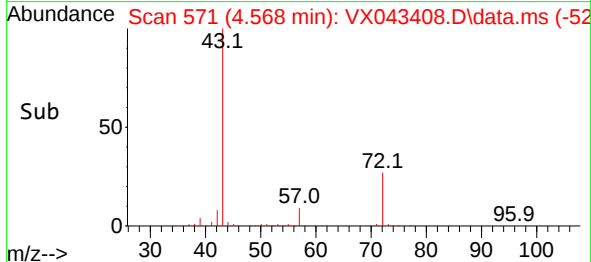
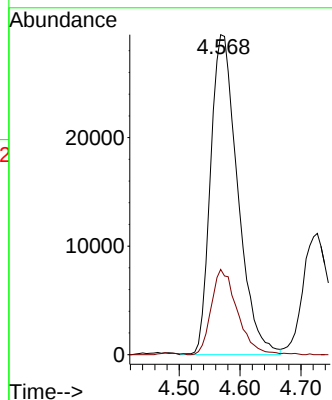
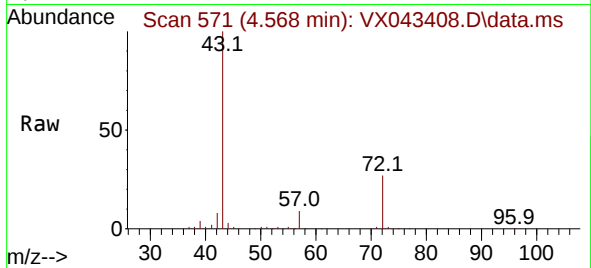
#25
2-Butanone
Concen: 111.894 ug/l
RT: 4.568 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 43 Resp: 91179
Ion Ratio Lower Upper
43 100
72 26.4 20.6 31.0

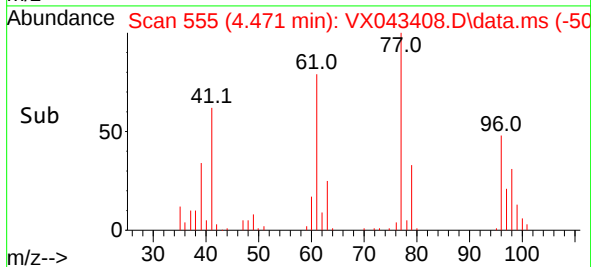
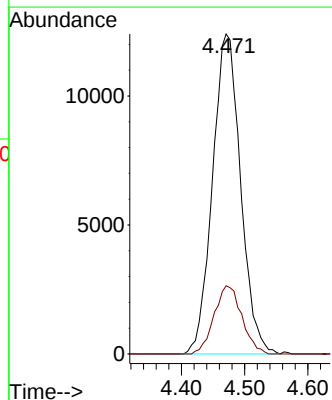
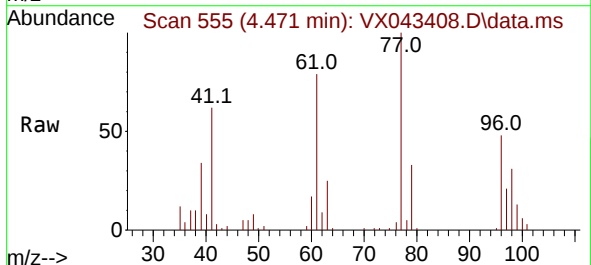
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#26
2,2-Dichloropropane
Concen: 21.519 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion: 77 Resp: 38159
Ion Ratio Lower Upper
77 100
97 21.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 21.265 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBS01

Tgt Ion: 96 Resp: 25554

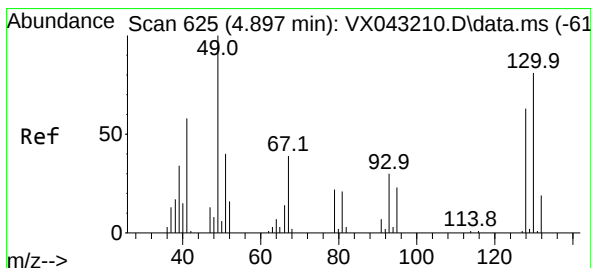
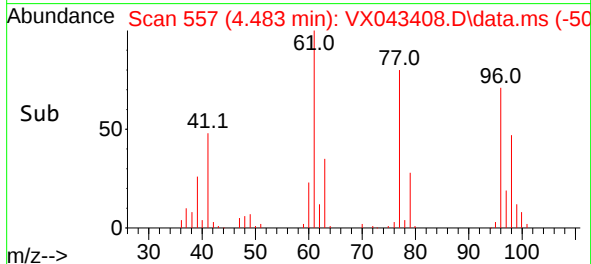
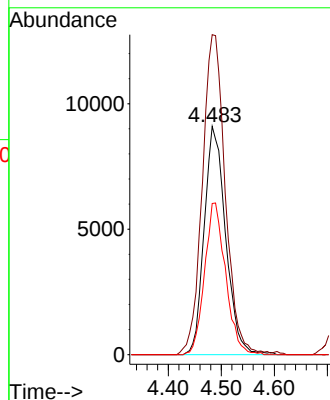
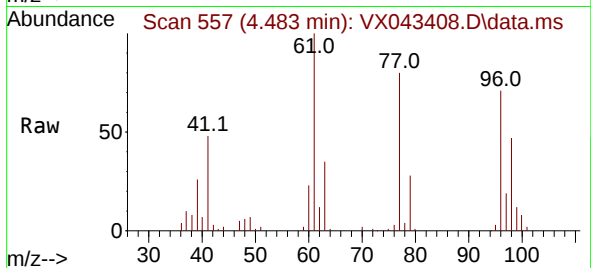
Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	298.2
98	65.1	0.0	128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#28

Bromochloromethane

Concen: 18.136 ug/l

RT: 4.904 min Scan# 626

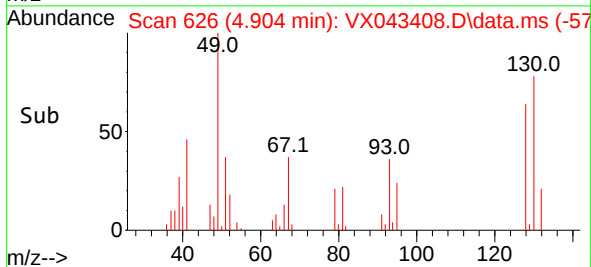
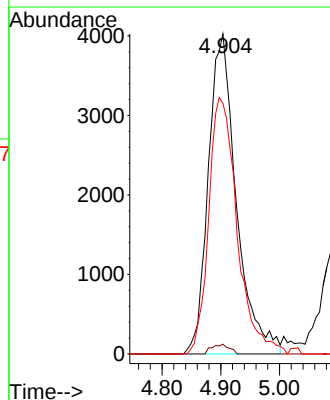
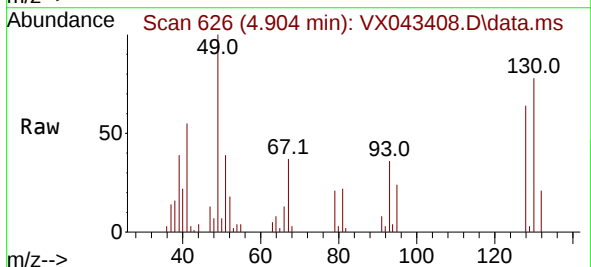
Delta R.T. 0.006 min

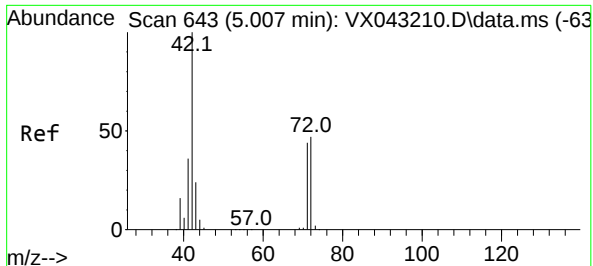
Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Tgt Ion: 49 Resp: 13335

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	81.1	65.5	98.3





#29

Tetrahydrofuran

Concen: 108.041 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBS01

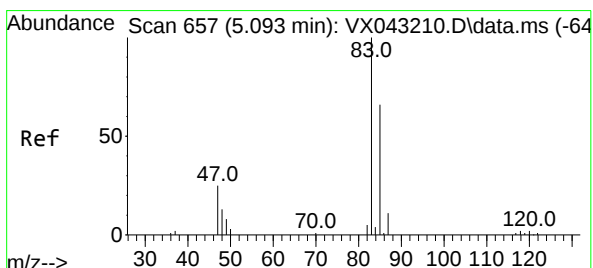
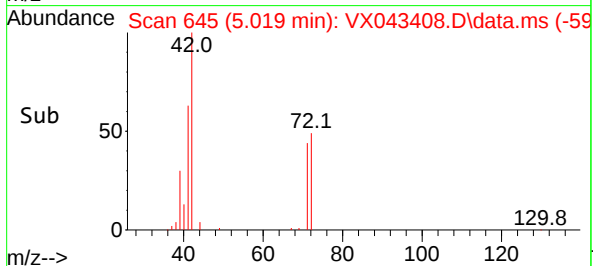
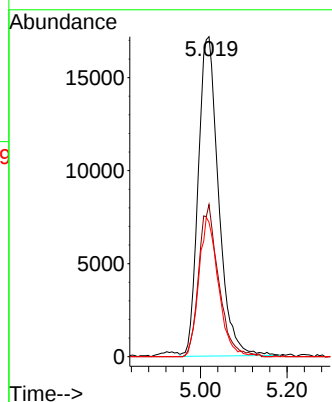
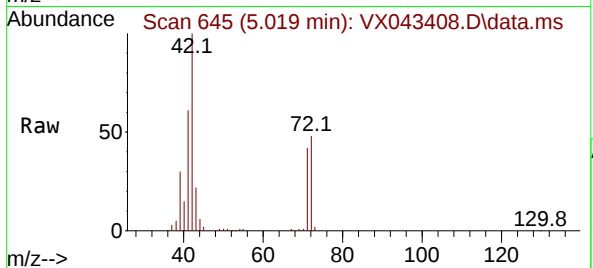
Tgt Ion:	42	Resp:	5608
Ion Ratio	Lower	Upper	
42	100		
72	46.5	37.7	56.5
71	42.1	34.6	52.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#30

Chloroform

Concen: 21.583 ug/l

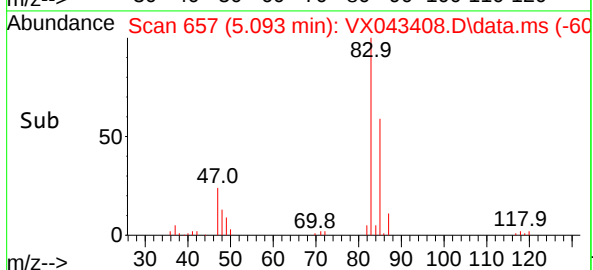
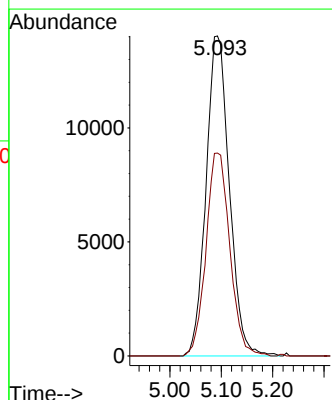
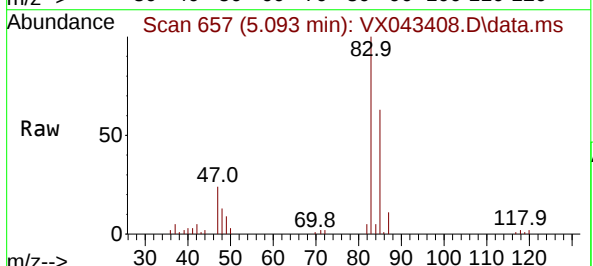
RT: 5.093 min Scan# 657

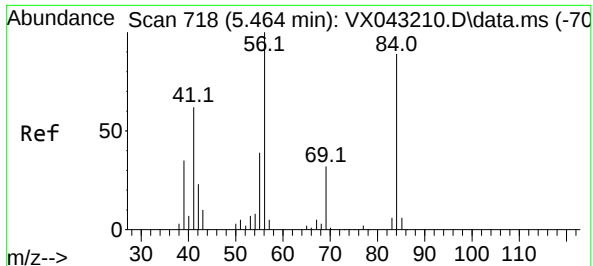
Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

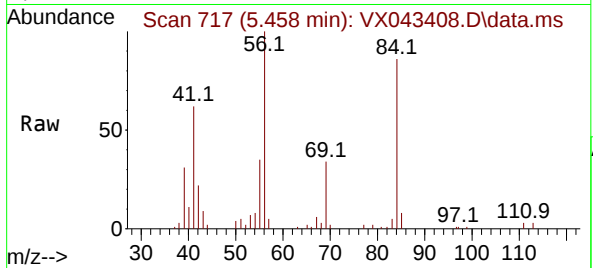
Tgt Ion:	83	Resp:	44176
Ion Ratio	Lower	Upper	
83	100		
85	63.4	52.5	78.7





#31
Cyclohexane
Concen: 20.970 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

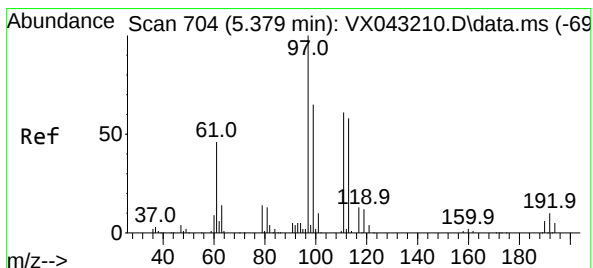
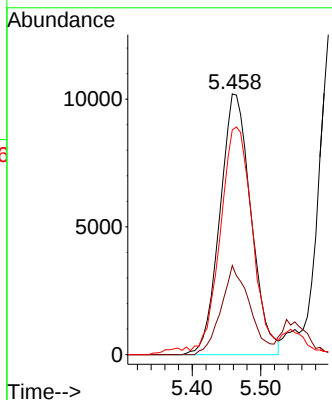
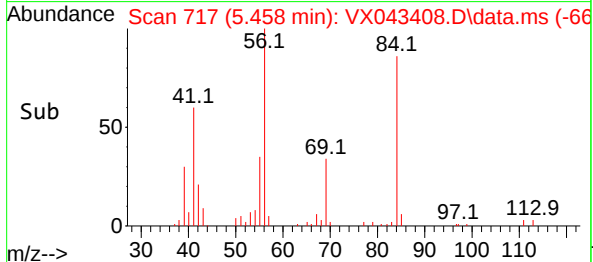
Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01



Tgt Ion: 56 Resp: 3220
Ion Ratio Lower Upper
56 100
69 34.1 25.8 38.6
84 83.7 71.1 106.7

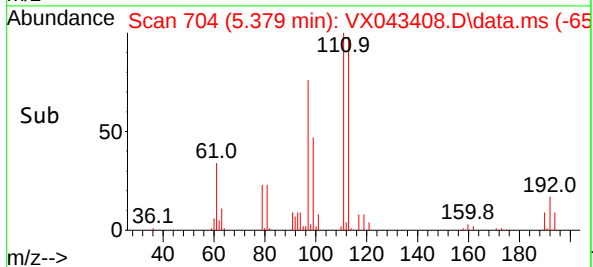
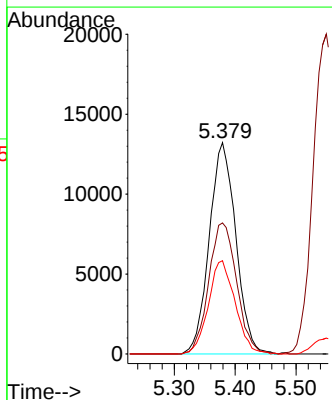
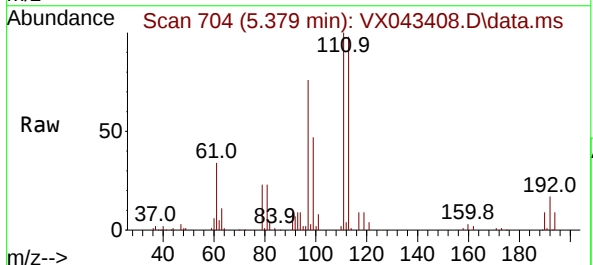
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#32
1,1,1-Trichloroethane
Concen: 21.316 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion: 97 Resp: 40073
Ion Ratio Lower Upper
97 100
99 65.1 51.2 76.8
61 44.5 35.6 53.4





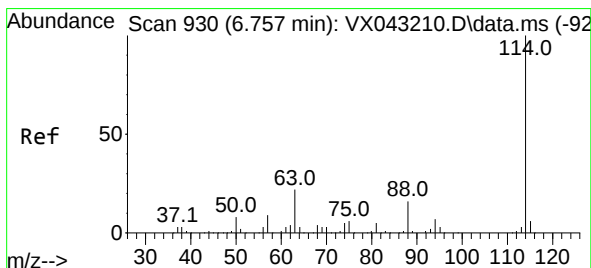
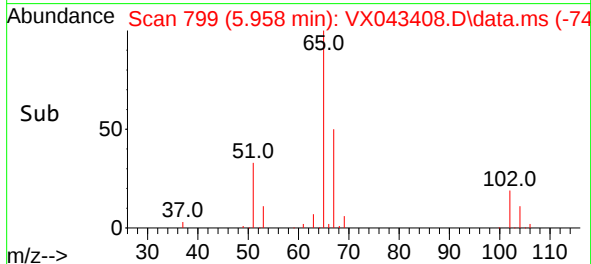
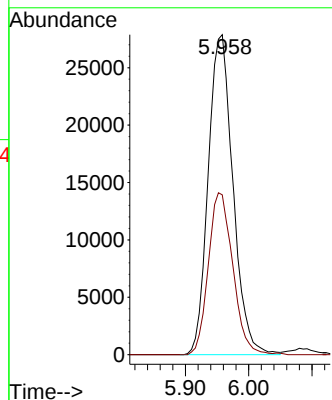
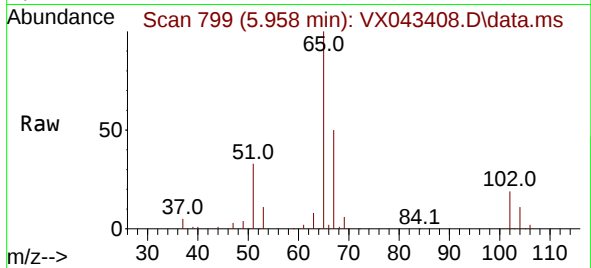
#33
1,2-Dichloroethane-d4
Concen: 53.281 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 65 Resp: 7582
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0

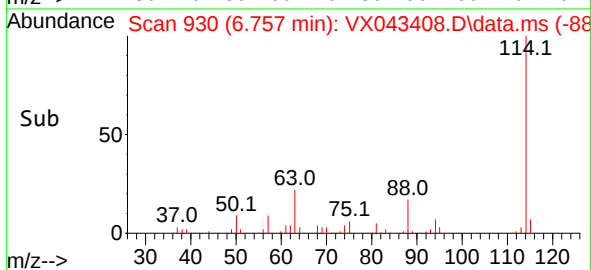
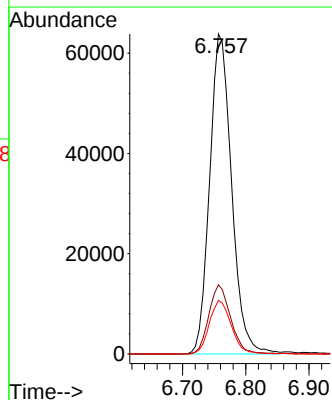
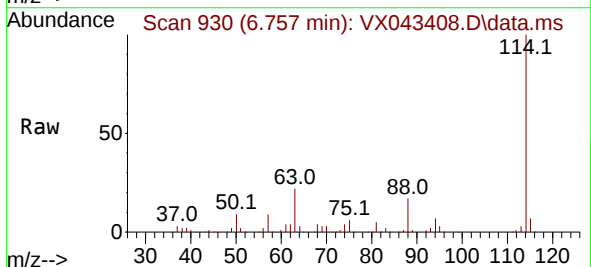
Manual Integrations
APPROVED

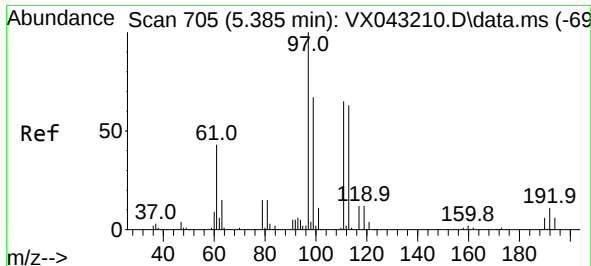
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

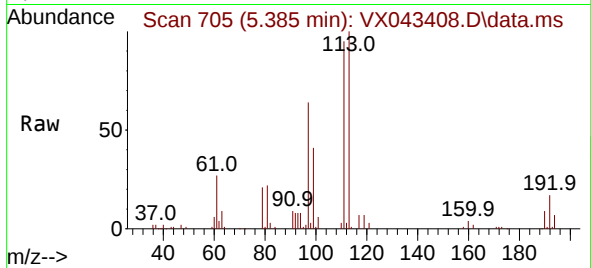
Tgt Ion:114 Resp: 153988
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.0
88 16.7 0.0 33.0





#35
Dibromofluoromethane
Concen: 52.053 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

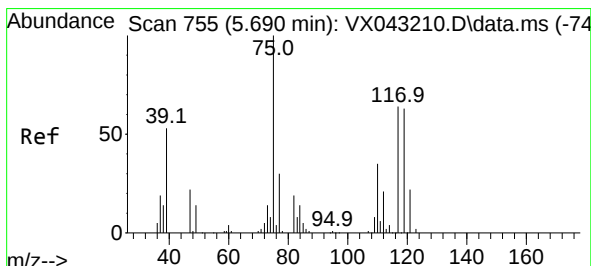
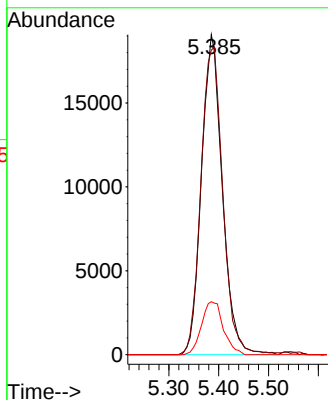
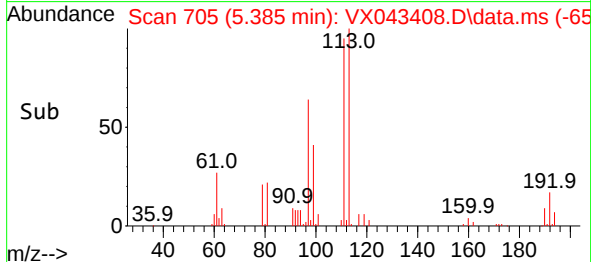
Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01



Tgt Ion: 113 Resp: 55278
Ion Ratio Lower Upper
113 100
111 101.1 83.4 125.0
192 17.3 14.1 21.1

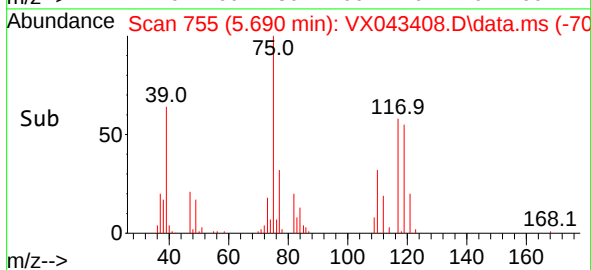
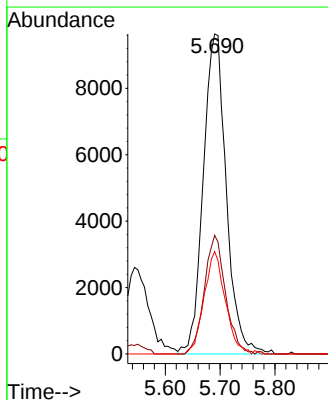
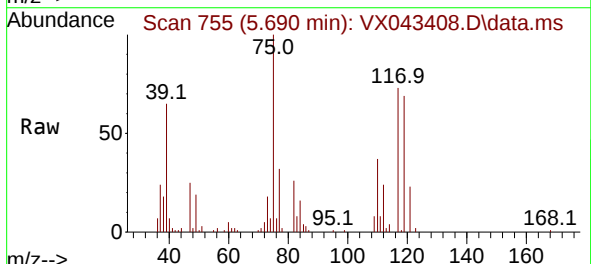
Manual Integrations
APPROVED

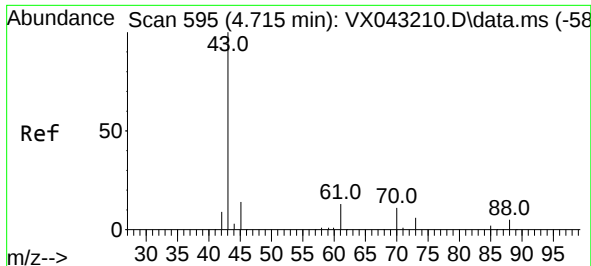
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#36
1,1-Dichloropropene
Concen: 20.944 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion: 75 Resp: 28098
Ion Ratio Lower Upper
75 100
110 34.0 17.8 53.3
77 29.4 24.9 37.3





#37

Ethyl Acetate

Concen: 21.338 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBS01

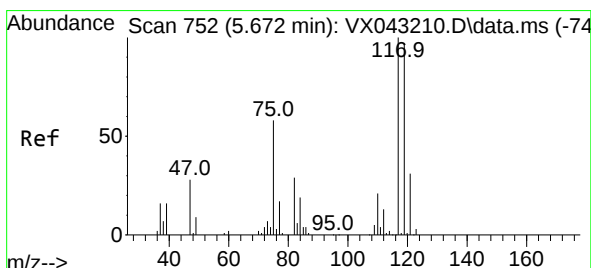
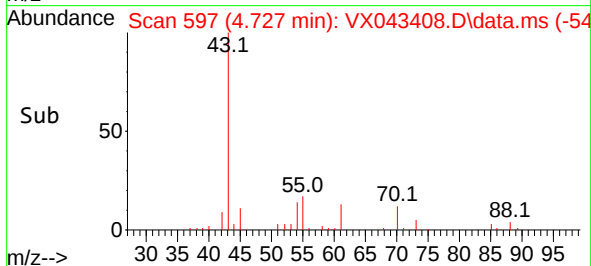
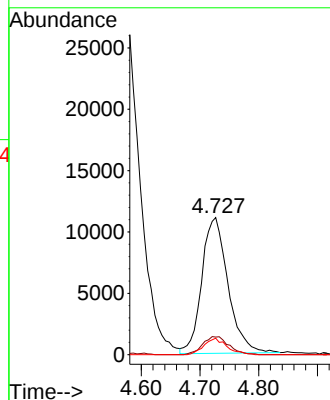
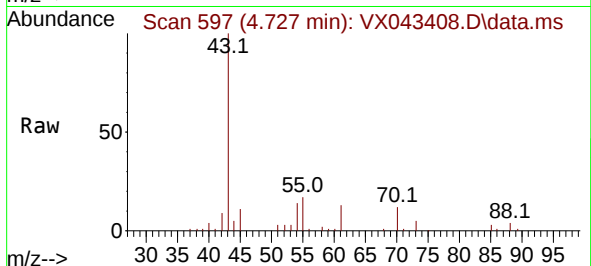
Tgt Ion:	43	Resp:	3437
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.0	16.4
70	10.5	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#38

Carbon Tetrachloride

Concen: 20.201 ug/l

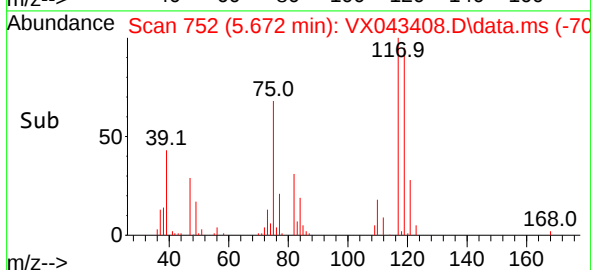
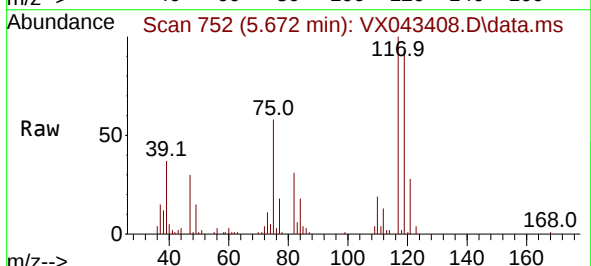
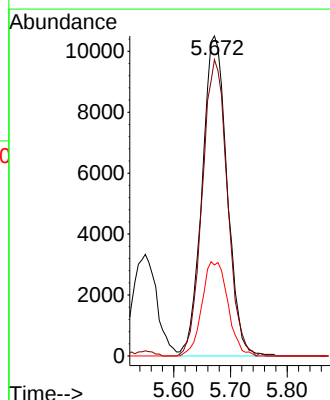
RT: 5.672 min Scan# 752

Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Tgt Ion:	117	Resp:	32084
Ion	Ratio	Lower	Upper
117	100		
119	92.6	77.7	116.5
121	28.4	24.3	36.5





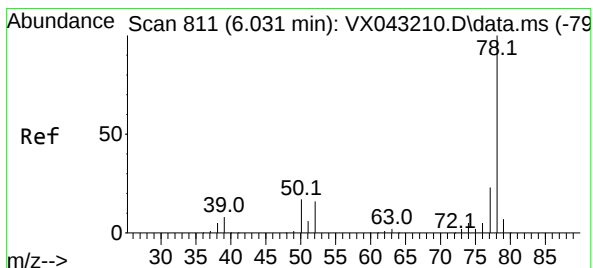
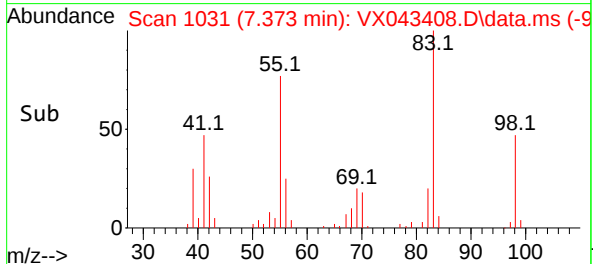
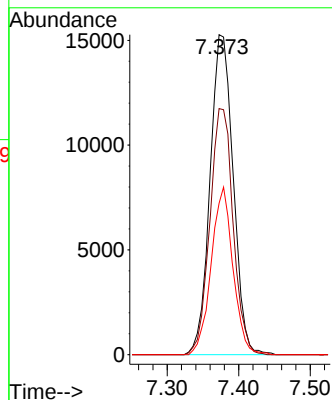
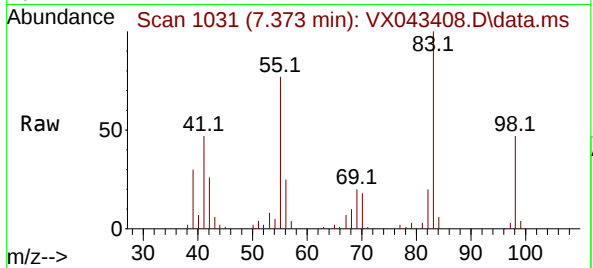
#39
Methylcyclohexane
Concen: 20.353 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 83 Resp: 3434
Ion Ratio Lower Upper
83 100
55 76.9 59.4 89.2
98 47.3 39.3 58.9

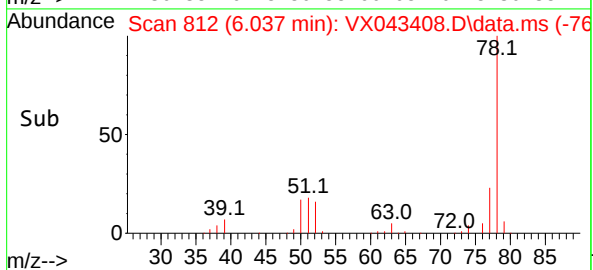
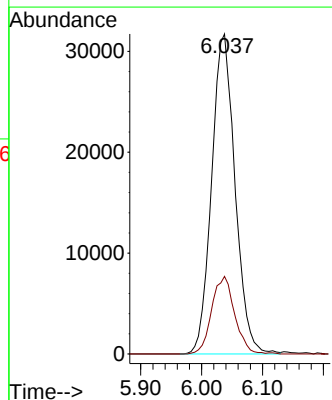
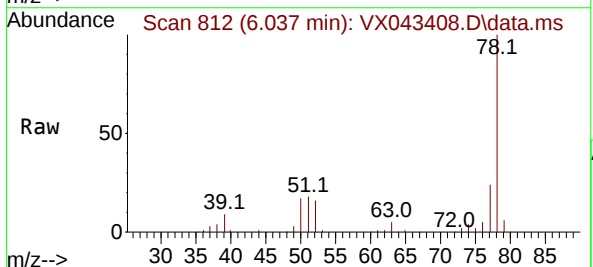
Manual Integrations
APPROVED

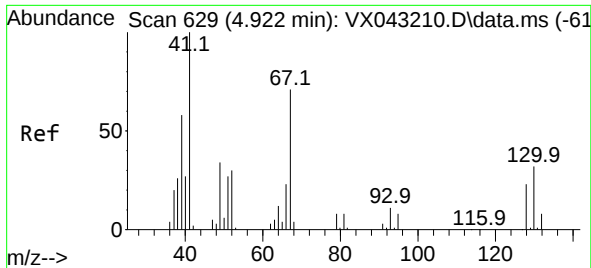
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#40
Benzene
Concen: 20.830 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion: 78 Resp: 84729
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2





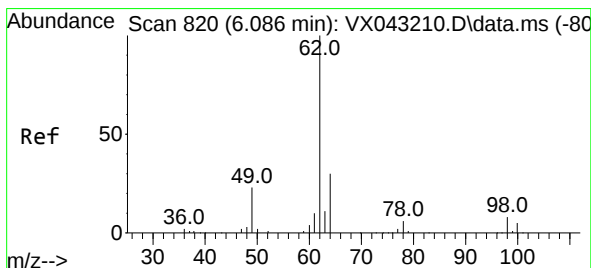
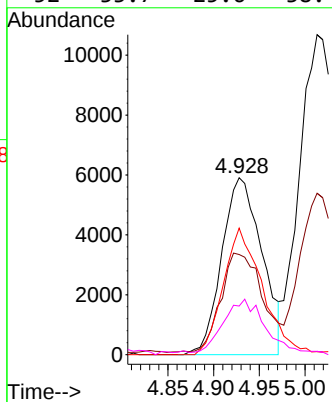
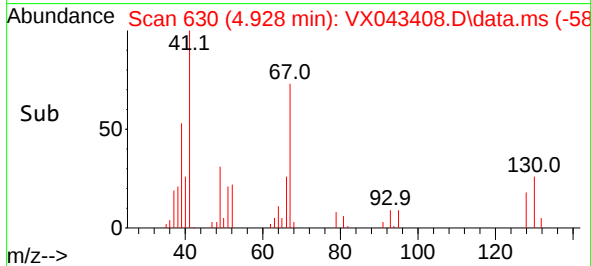
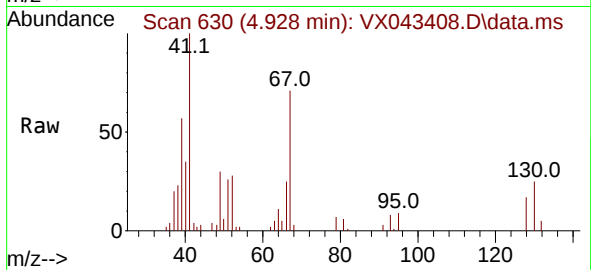
#41
Methacrylonitrile
Concen: 21.487 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 41	Resp: 18020
Ion Ratio	Lower Upper
41 100	
39 59.7	45.0 67.4
67 71.0	56.0 84.0
52 33.7	25.6 38.4

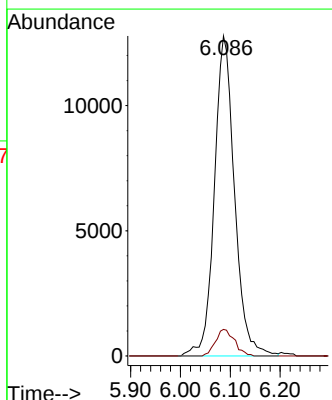
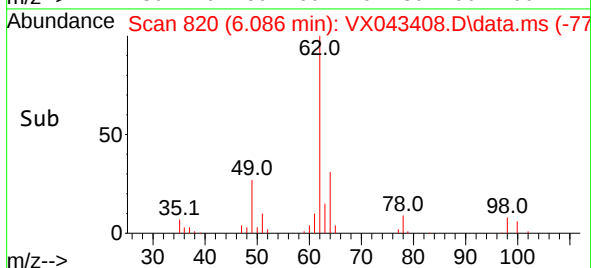
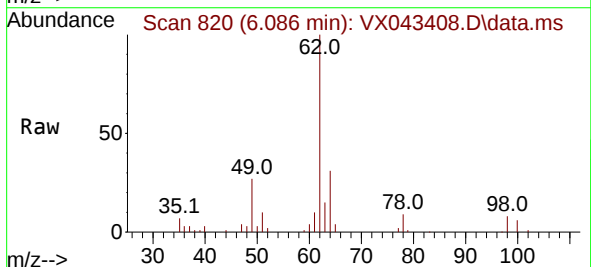
Manual Integrations
APPROVED

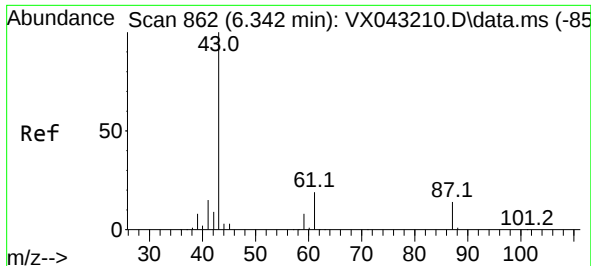
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#42
1,2-Dichloroethane
Concen: 21.668 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion: 62	Resp: 35916
Ion Ratio	Lower Upper
62 100	
98 7.9	0.0 16.0





#43

Isopropyl Acetate

Concen: 21.061 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBS01

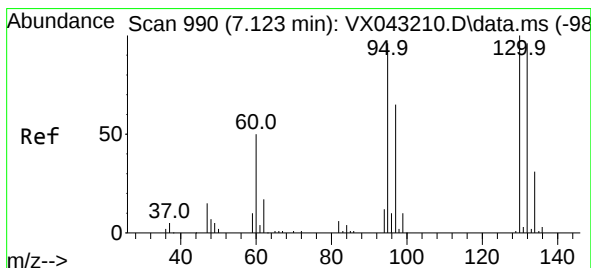
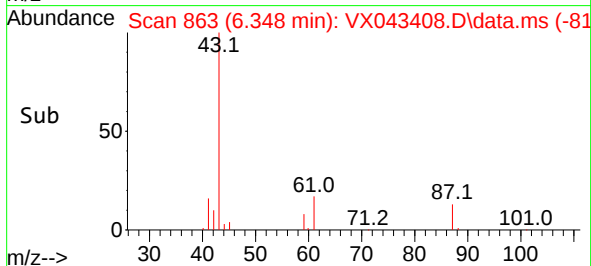
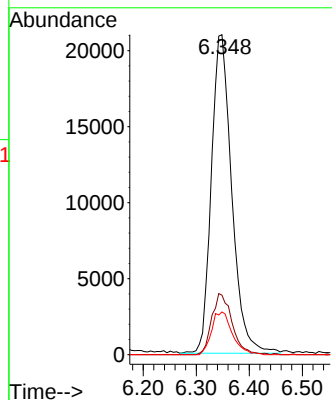
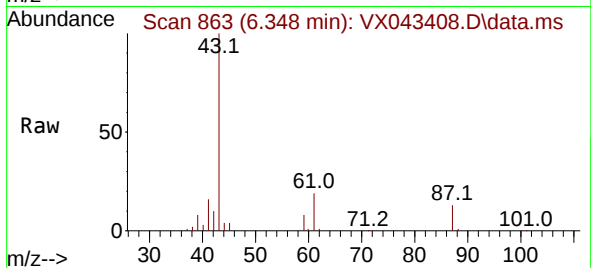
Tgt Ion: 43	Resp: 5604
Ion Ratio	Lower Upper
43 100	
61 19.1	15.1 22.7
87 13.6	10.8 16.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#44

Trichloroethene

Concen: 19.807 ug/l

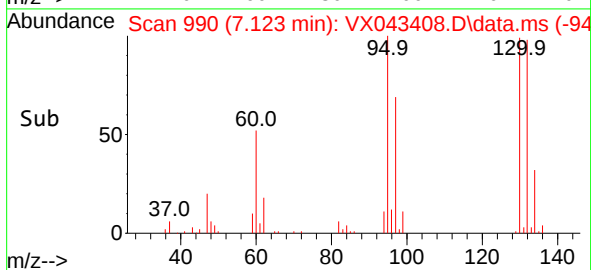
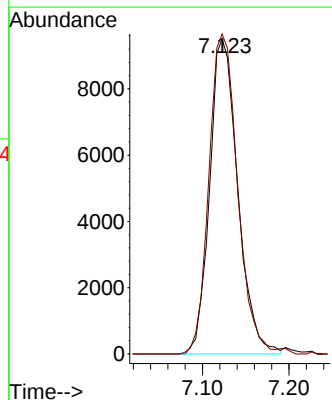
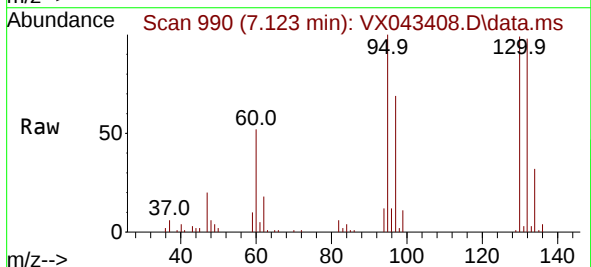
RT: 7.123 min Scan# 990

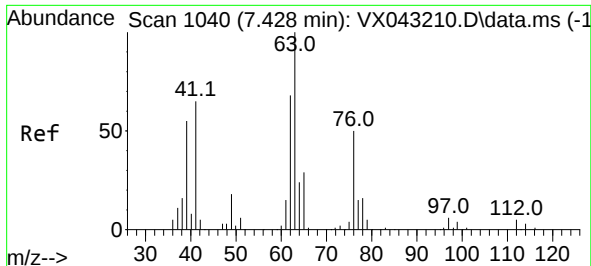
Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Tgt Ion:130	Resp: 21369
Ion Ratio	Lower Upper
130 100	
95 101.5	0.0 192.2





#45

1,2-Dichloropropane

Concen: 21.226 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBS01

Tgt Ion: 63 Resp: 2118

Ion Ratio Lower Upper

63 100

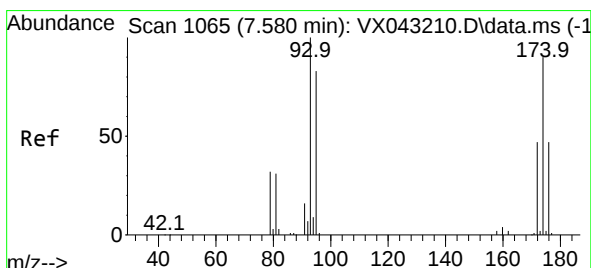
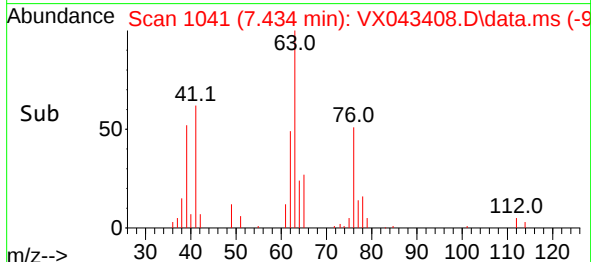
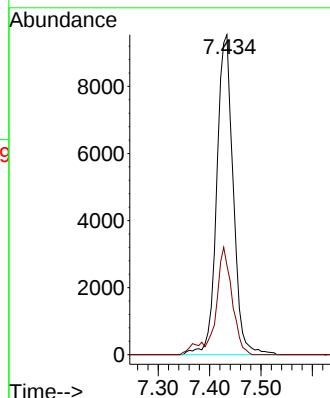
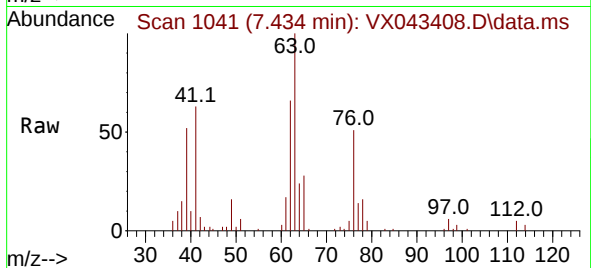
65 27.9 23.2 34.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#46

Dibromomethane

Concen: 20.849 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

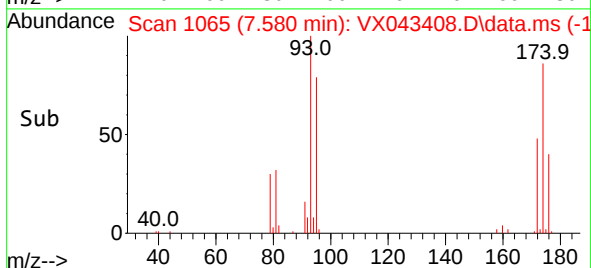
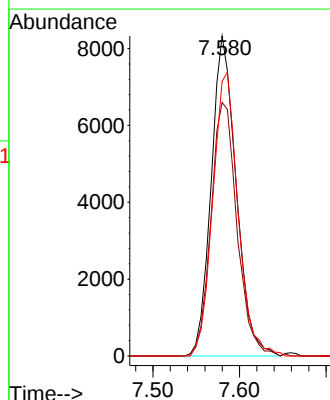
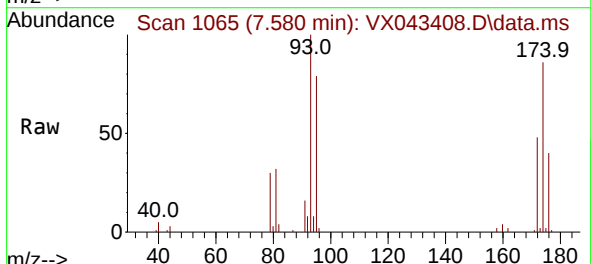
Tgt Ion: 93 Resp: 16677

Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.8

174 89.8 74.5 111.7





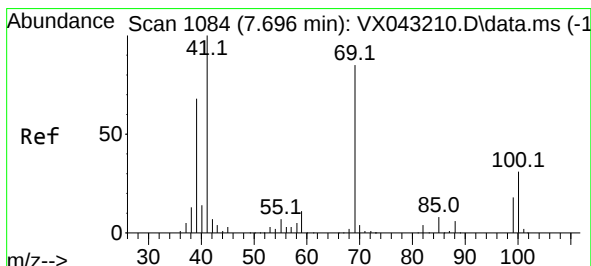
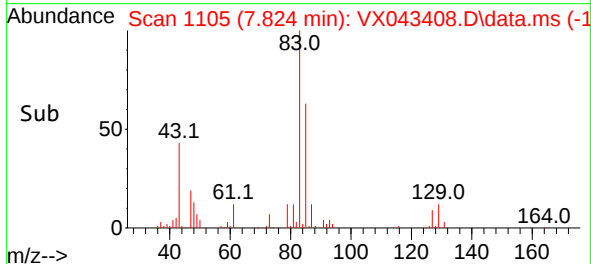
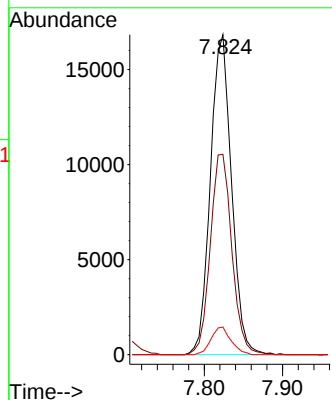
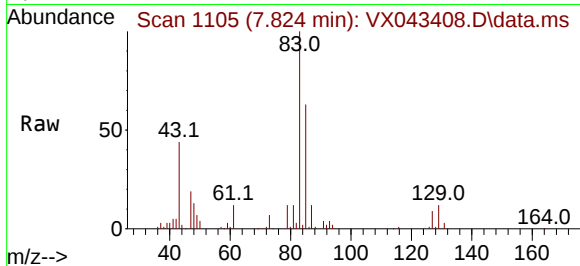
#47
Bromodichloromethane
Concen: 20.024 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 83 Resp: 31489
Ion Ratio Lower Upper
83 100
85 62.6 51.4 77.2
127 8.7 6.2 9.4

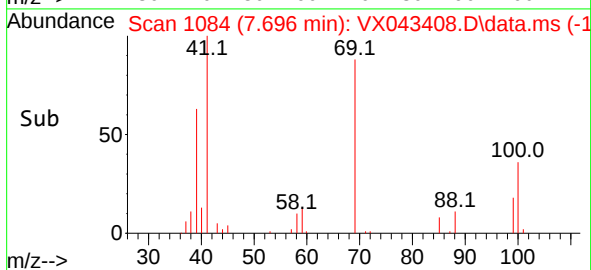
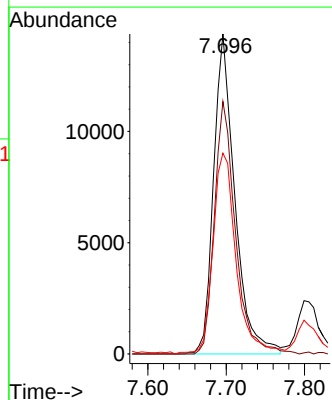
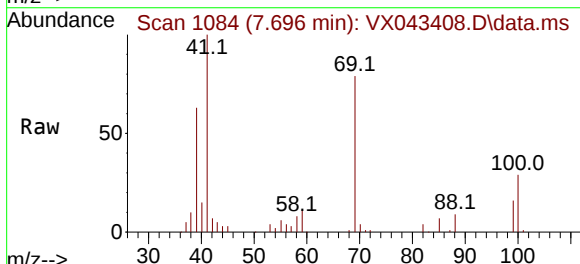
Manual Integrations
APPROVED

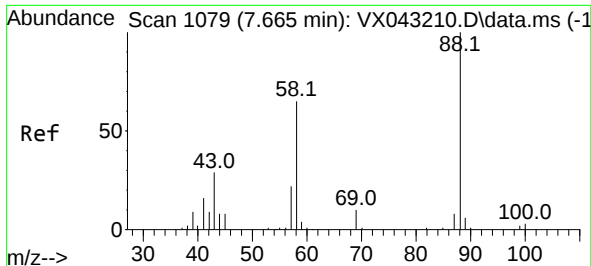
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#48
Methyl methacrylate
Concen: 20.761 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion: 41 Resp: 27108
Ion Ratio Lower Upper
41 100
69 78.2 64.1 96.1
39 68.3 52.8 79.2





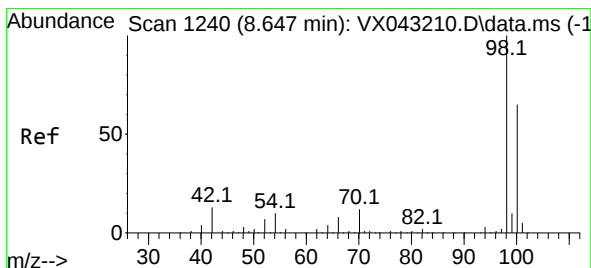
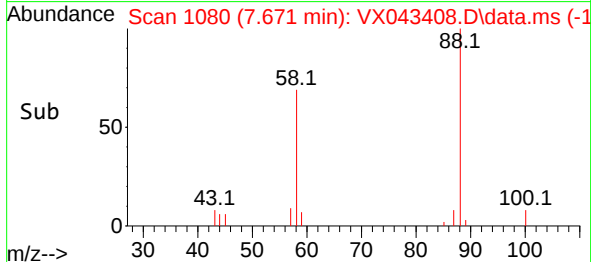
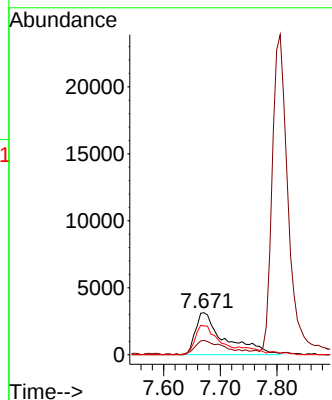
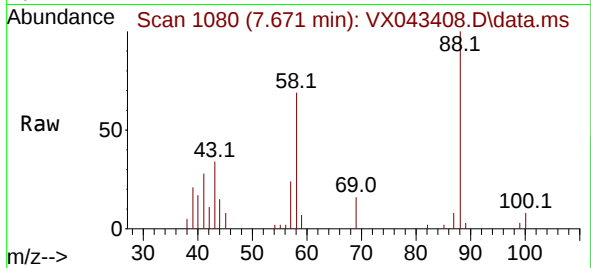
#49
1,4-Dioxane
Concen: 442.694 ug/l
RT: 7.671 min Scan# 11230
Delta R.T. 0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 88 Resp: 11230
Ion Ratio Lower Upper
88 100
43 36.5 29.5 44.3
58 55.2 55.2 82.8

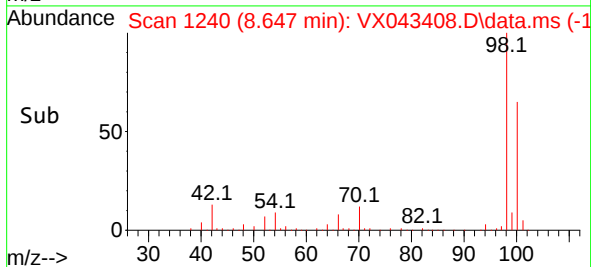
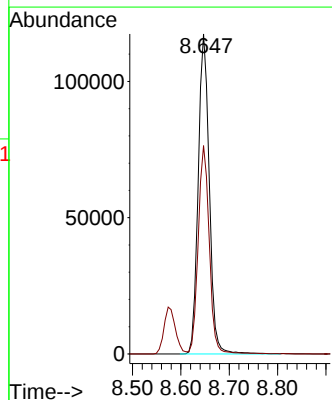
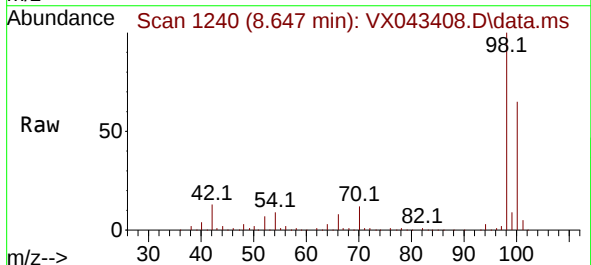
Manual Integrations
APPROVED

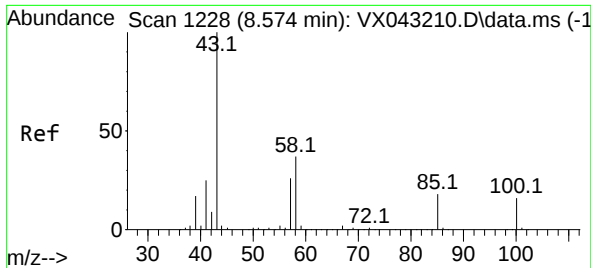
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#50
Toluene-d8
Concen: 50.672 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion: 98 Resp: 186483
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6





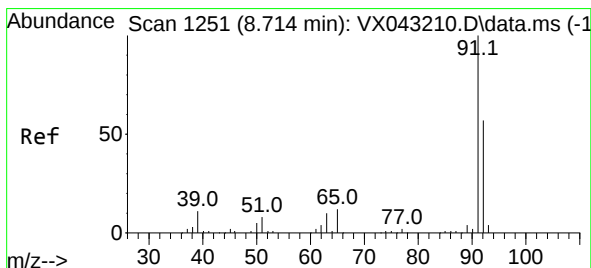
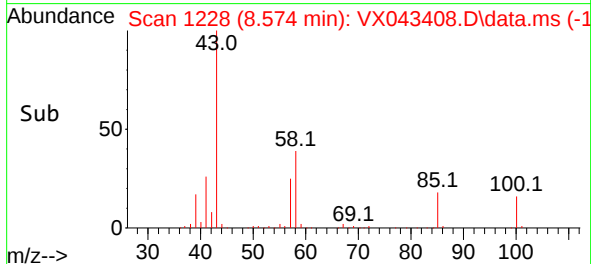
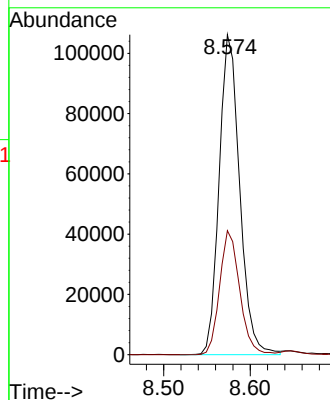
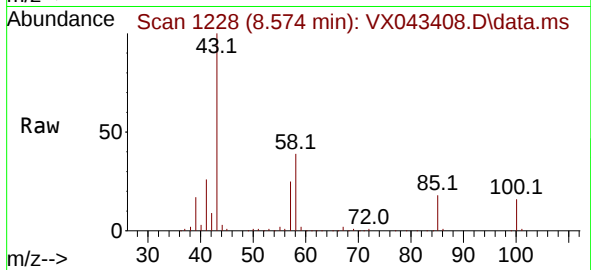
#51
4-Methyl-2-Pentanone
Concen: 108.218 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 43 Resp: 17490
Ion Ratio Lower Upper
43 100
58 37.9 30.0 45.0

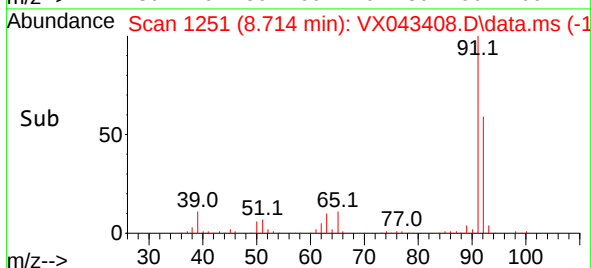
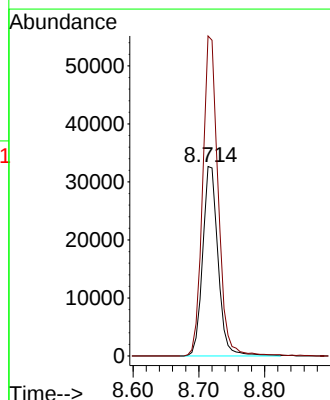
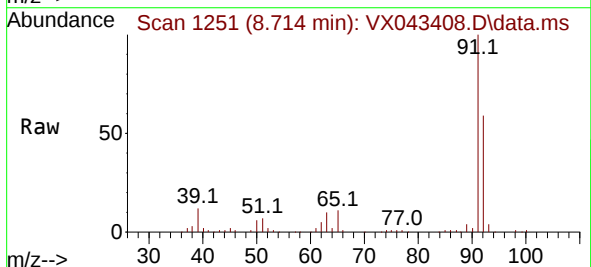
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#52
Toluene
Concen: 20.843 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion: 92 Resp: 53134
Ion Ratio Lower Upper
92 100
91 170.2 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 21.006 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBS01

Tgt Ion: 75 Resp: 32820

Ion Ratio Lower Upper

75 100

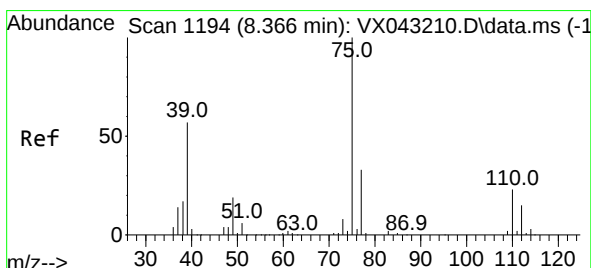
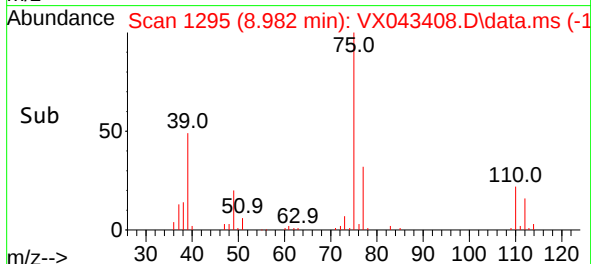
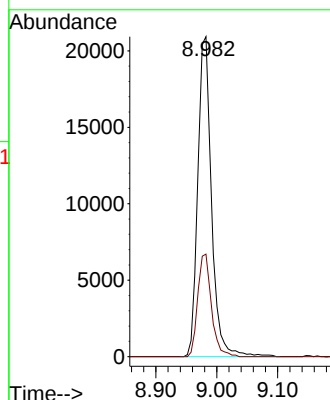
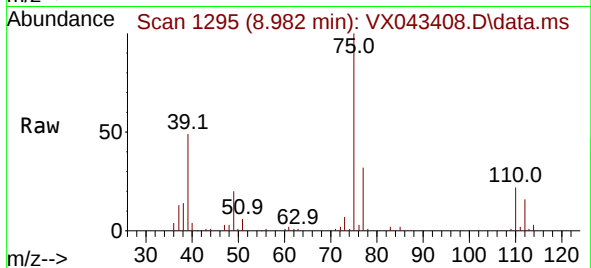
77 32.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#54

cis-1,3-Dichloropropene

Concen: 20.644 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

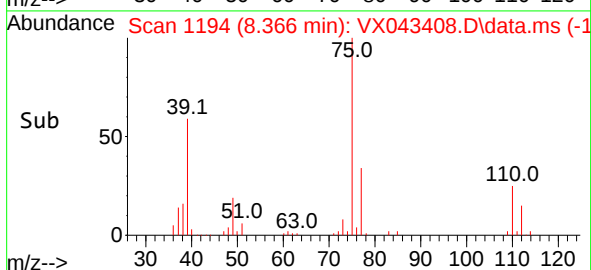
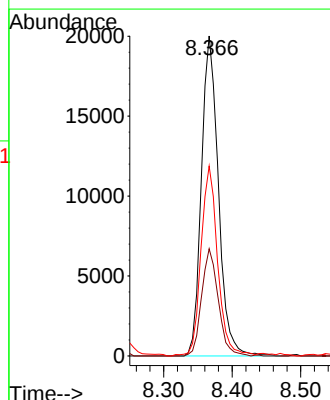
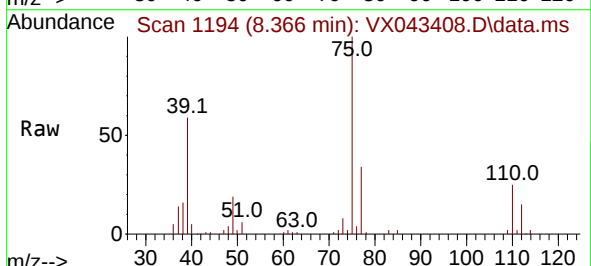
Tgt Ion: 75 Resp: 34600

Ion Ratio Lower Upper

75 100

77 33.5 26.0 39.0

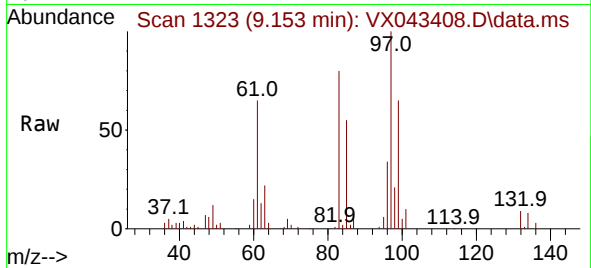
39 59.0 45.8 68.8





#55
1,1,2-Trichloroethane
Concen: 21.749 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

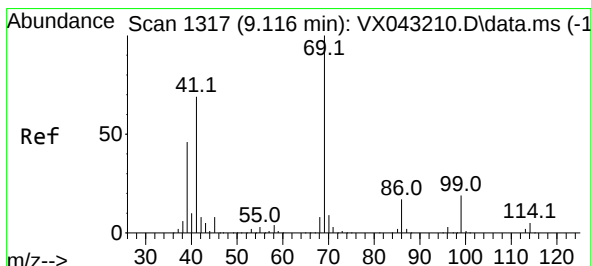
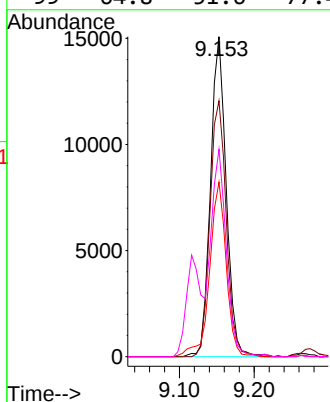
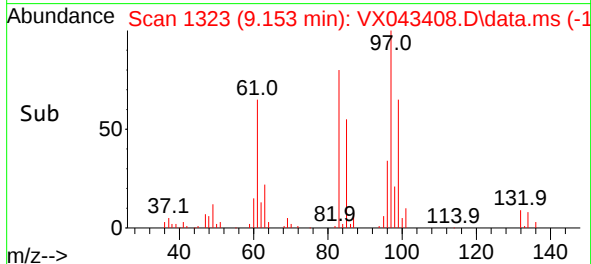


Tgt Ion: 97 Resp: 22035

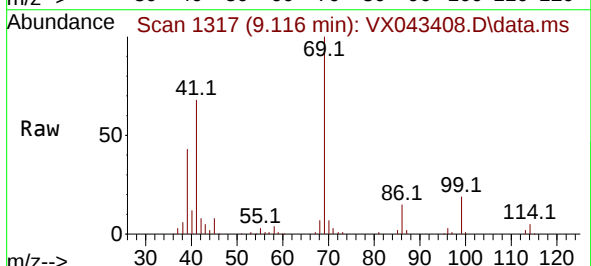
Ion	Ratio	Lower	Upper
97	100		
83	79.9	66.9	100.3
85	54.6	43.9	65.9
99	64.8	51.6	77.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

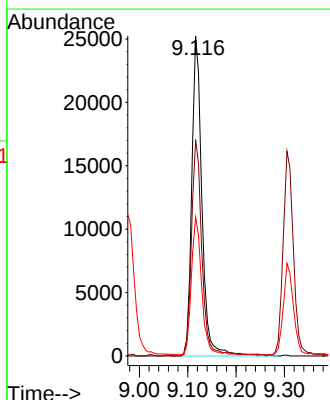
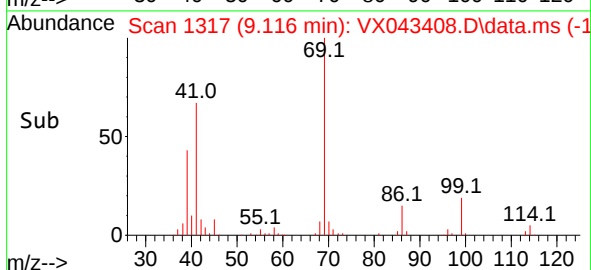


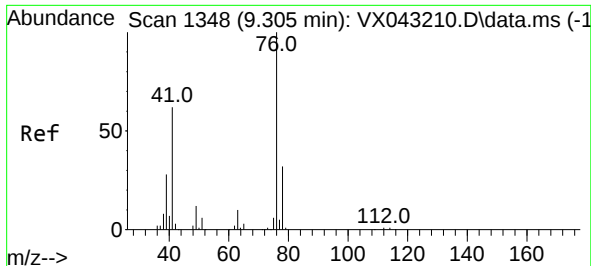
#56
Ethyl methacrylate
Concen: 22.157 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15



Tgt Ion: 69 Resp: 36700

Ion	Ratio	Lower	Upper
69	100		
41	69.2	56.1	84.1
39	44.0	36.4	54.6





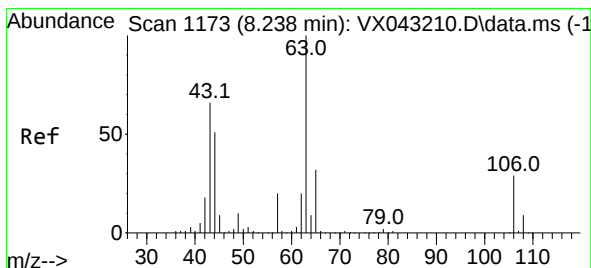
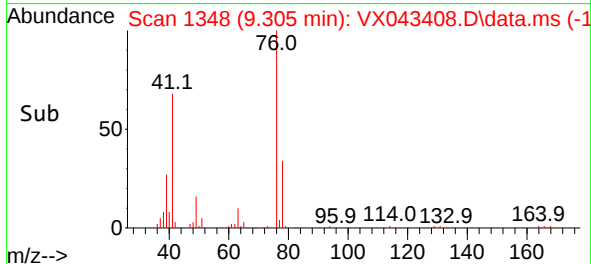
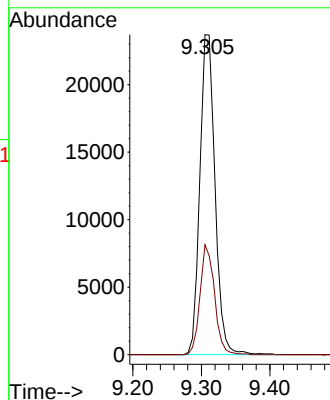
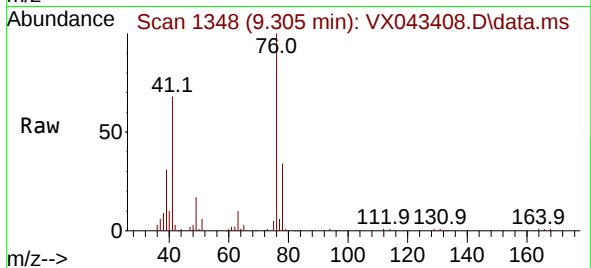
#57
1,3-Dichloropropane
Concen: 21.239 ug/l
RT: 9.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 76 Resp: 36649
Ion Ratio Lower Upper
76 100
78 32.8 25.7 38.5

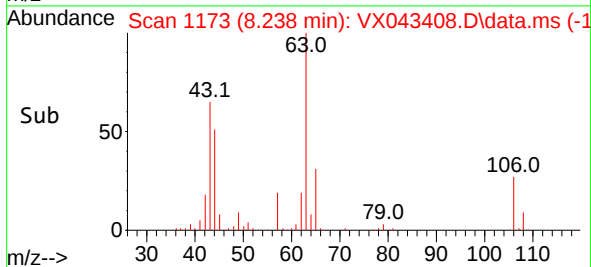
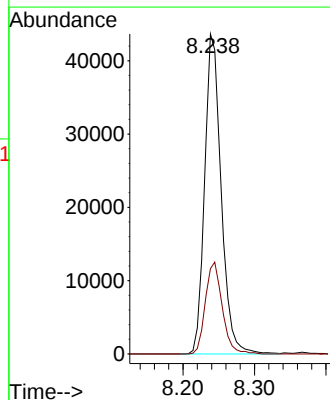
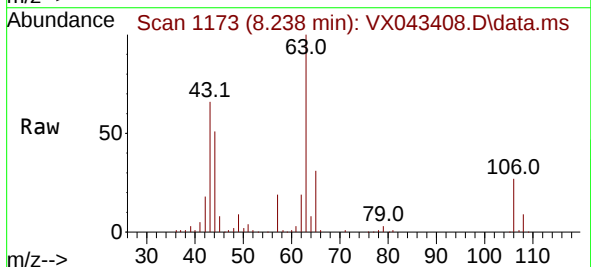
Manual Integrations
APPROVED

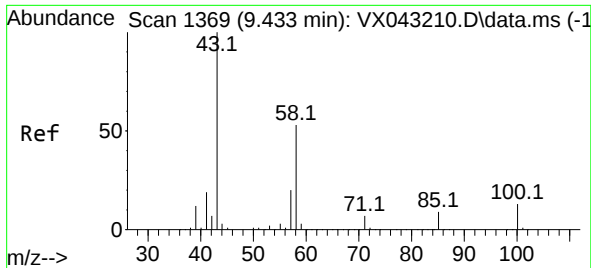
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#58
2-Chloroethyl Vinyl ether
Concen: 93.814 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion: 63 Resp: 70043
Ion Ratio Lower Upper
63 100
106 29.3 23.7 35.5





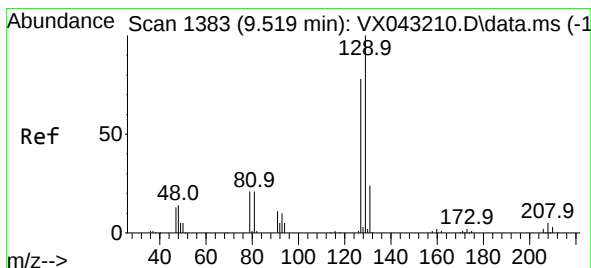
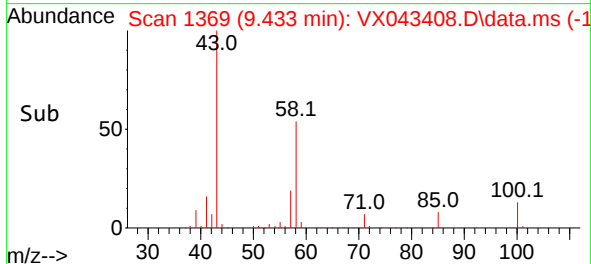
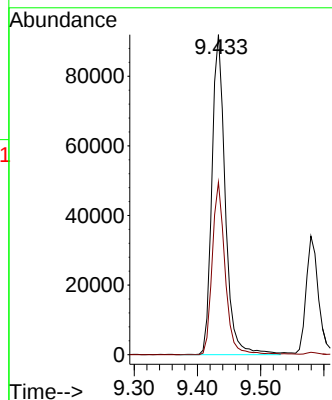
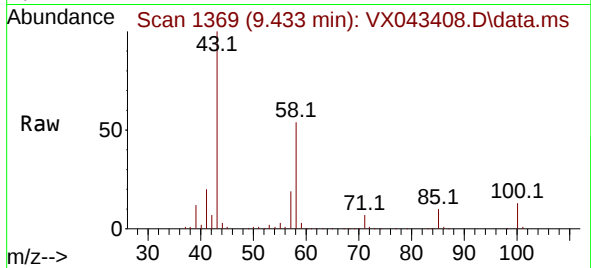
#59
2-Hexanone
Concen: 110.564 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 43 Resp: 13513
Ion Ratio Lower Upper
43 100
58 52.3 26.1 78.3

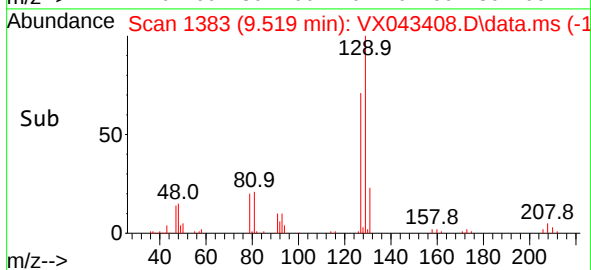
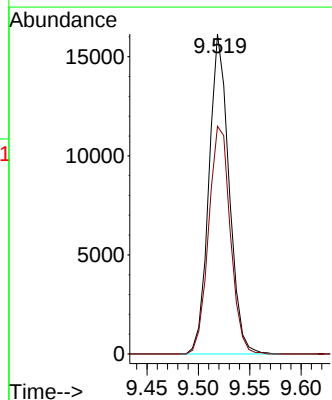
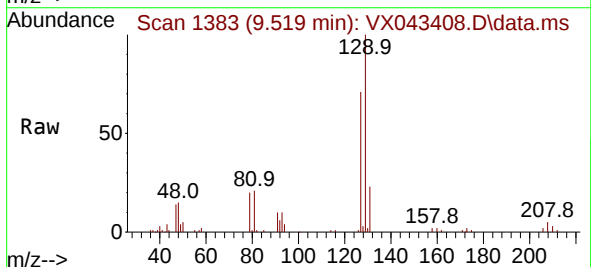
Manual Integrations
APPROVED

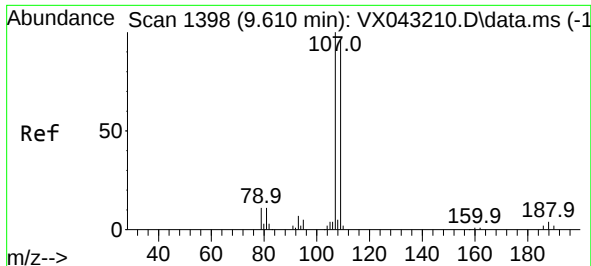
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#60
Dibromochloromethane
Concen: 18.675 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion:129 Resp: 21950
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





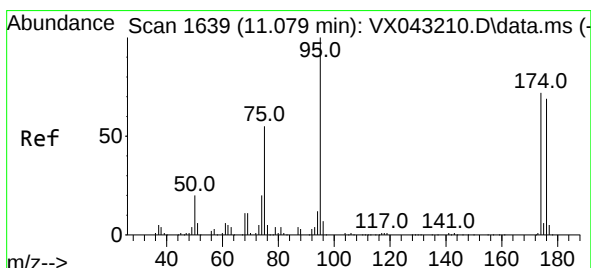
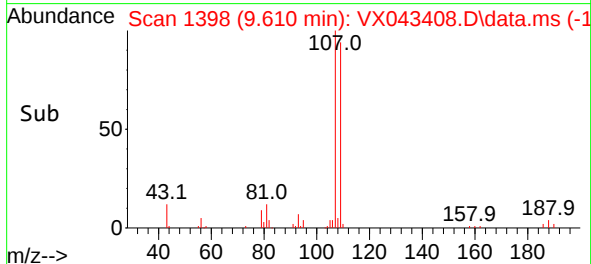
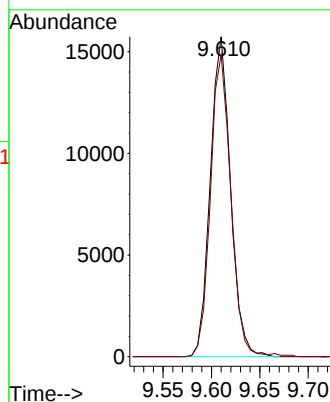
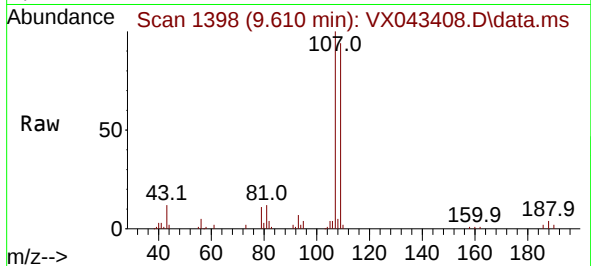
#61
1,2-Dibromoethane
Concen: 21.031 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion:107 Resp: 2289
Ion Ratio Lower Upper
107 100
109 94.6 76.1 114.1

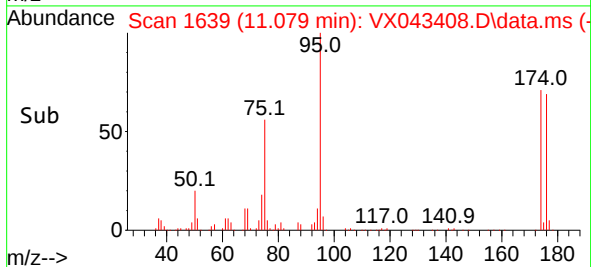
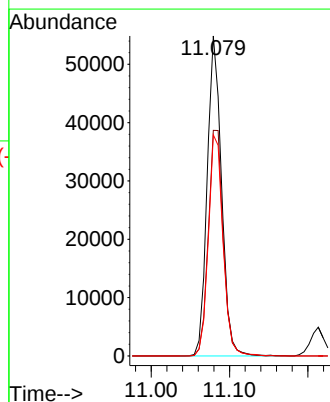
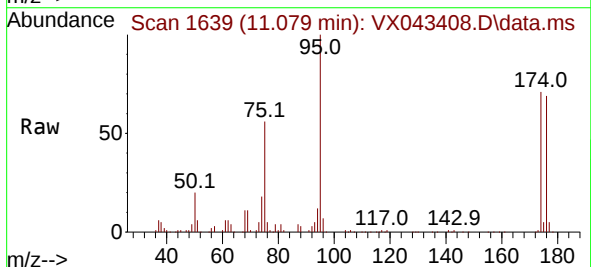
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#62
4-Bromofluorobenzene
Concen: 51.998 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

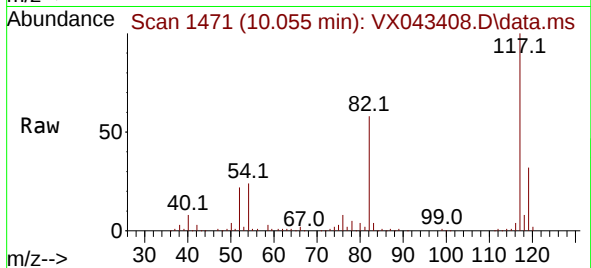
Tgt Ion: 95 Resp: 69521
Ion Ratio Lower Upper
95 100
174 73.7 0.0 145.0
176 70.6 0.0 143.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

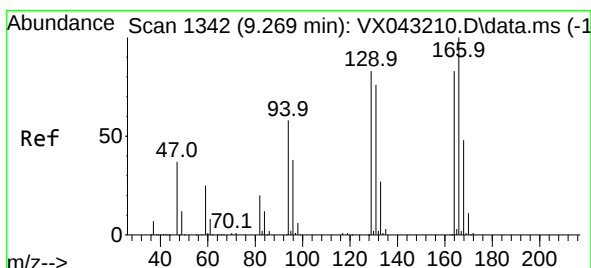
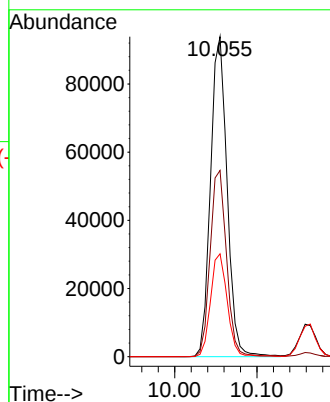
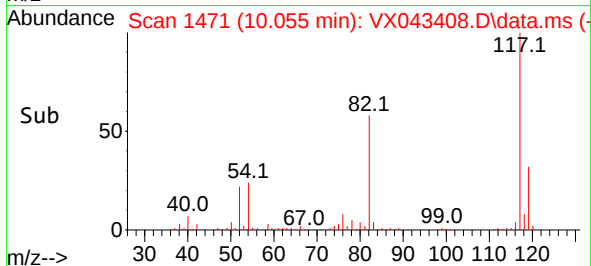
Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01



Tgt Ion:117 Resp: 13145
Ion Ratio Lower Upper
117 100
82 58.2 45.0 67.6
119 32.2 25.3 37.9

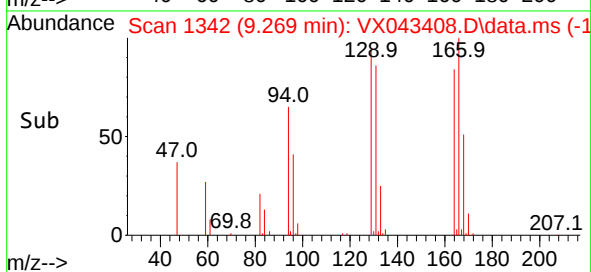
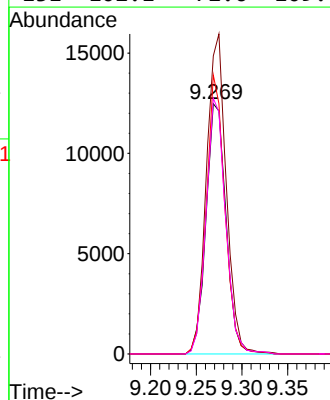
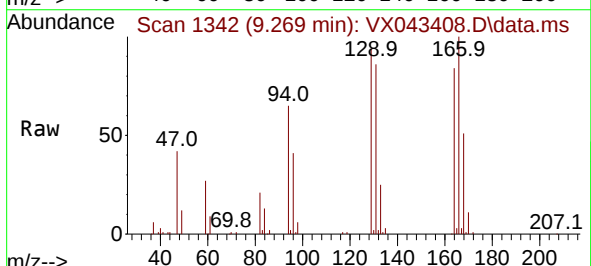
Manual Integrations
APPROVED

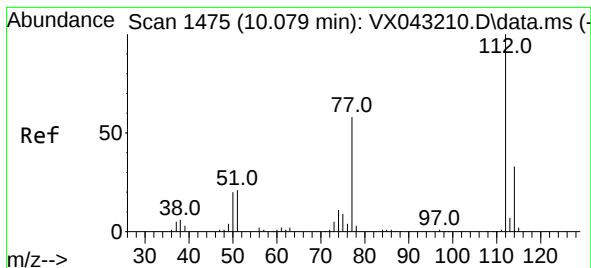
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#64
Tetrachloroethene
Concen: 20.706 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion:164 Resp: 18887
Ion Ratio Lower Upper
164 100
166 119.1 96.0 144.0
129 111.4 79.4 119.0
131 102.1 72.6 109.0





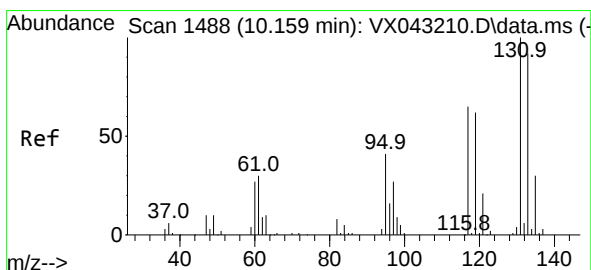
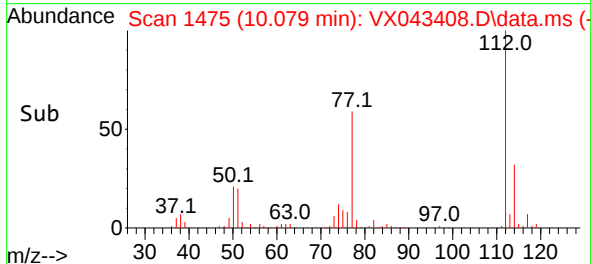
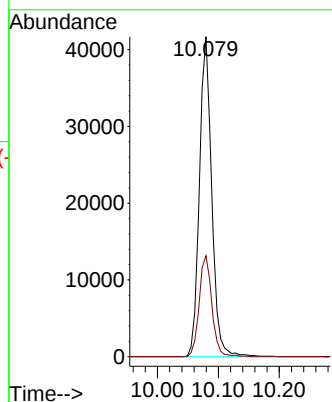
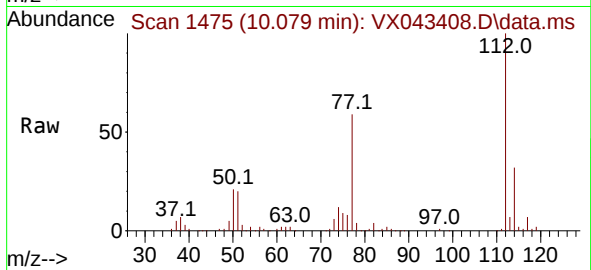
#65
Chlorobenzene
Concen: 20.696 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion:112 Resp: 58492
Ion Ratio Lower Upper
112 100
114 31.5 26.4 39.6

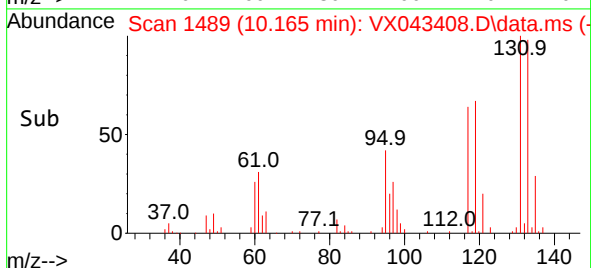
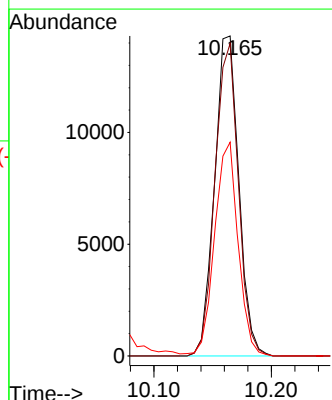
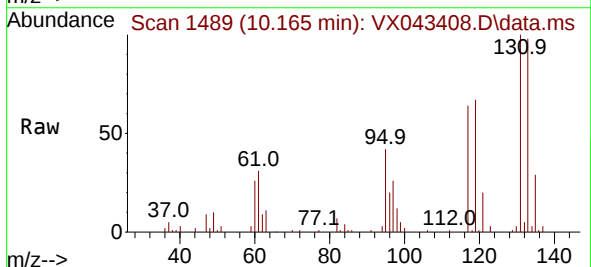
Manual Integrations
APPROVED

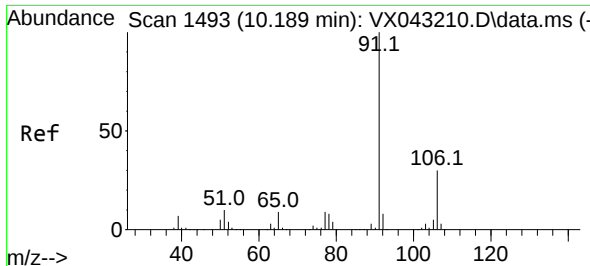
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.546 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion:131 Resp: 20532
Ion Ratio Lower Upper
131 100
133 94.3 46.9 140.8
119 65.0 31.7 95.1





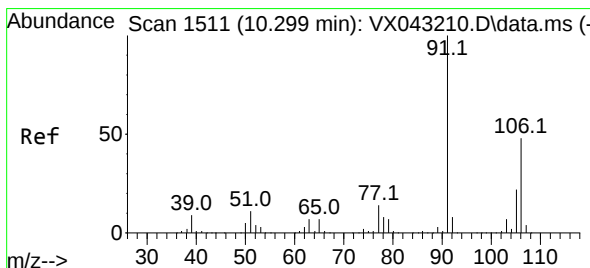
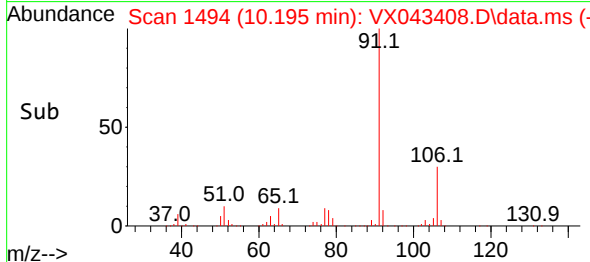
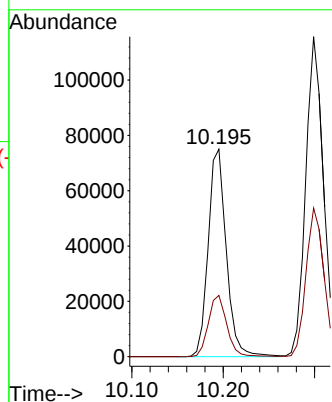
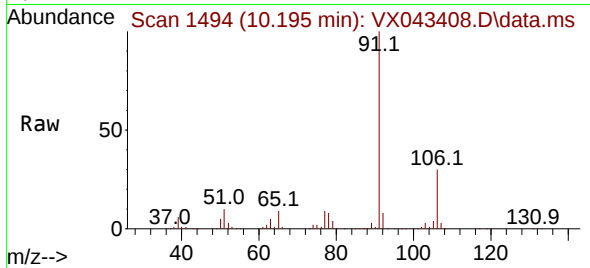
#67
Ethyl Benzene
Concen: 21.100 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 91 Resp: 10307
Ion Ratio Lower Upper
91 100
106 29.5 23.9 35.9

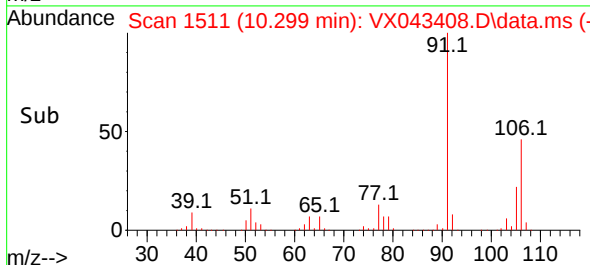
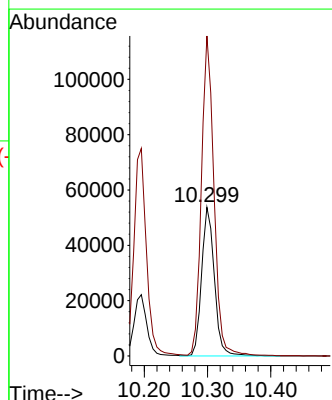
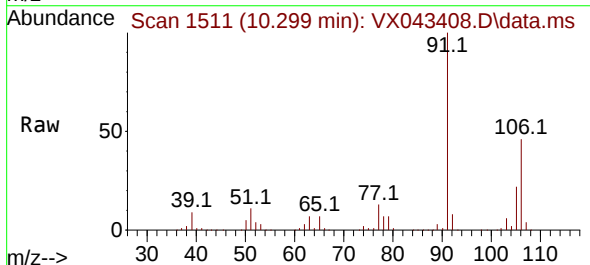
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#68
m/p-Xylenes
Concen: 40.964 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Tgt Ion:106 Resp: 75623
Ion Ratio Lower Upper
106 100
91 211.3 167.0 250.6





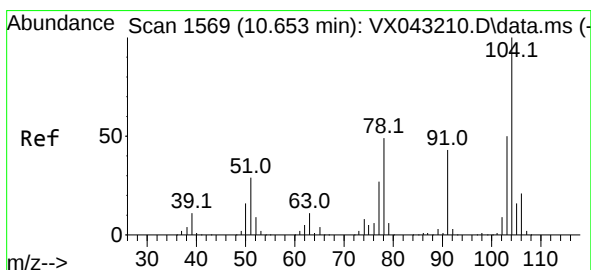
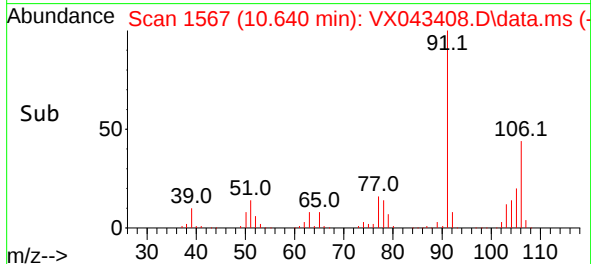
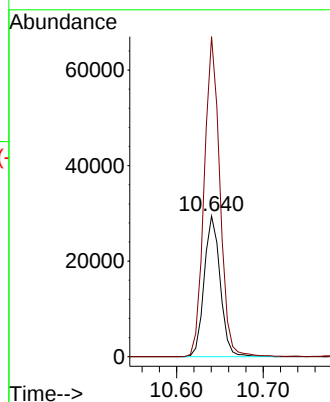
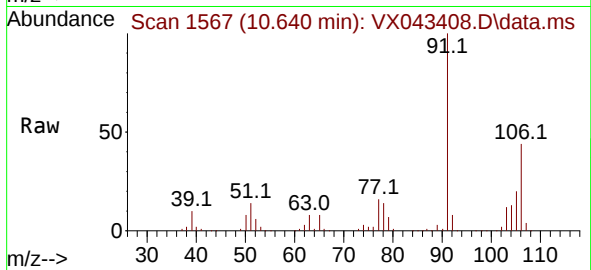
#69
o-Xylene
Concen: 20.557 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion:106 Resp: 3771
Ion Ratio Lower Upper
106 100
91 223.7 111.6 334.8

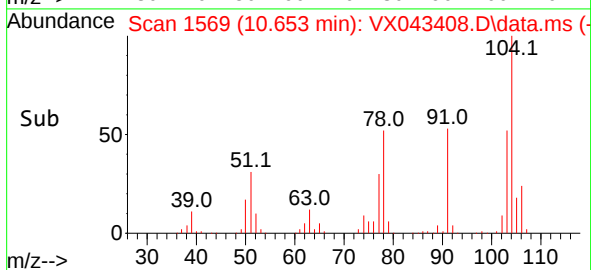
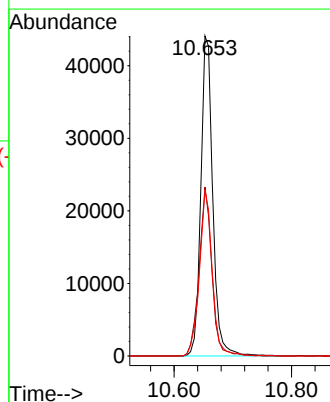
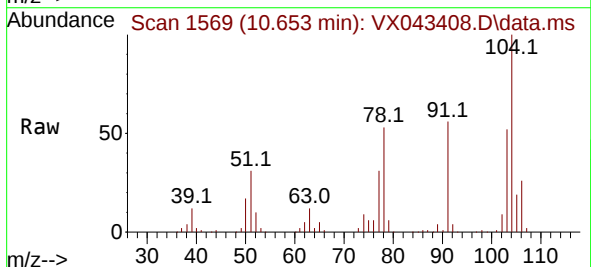
Manual Integrations
APPROVED

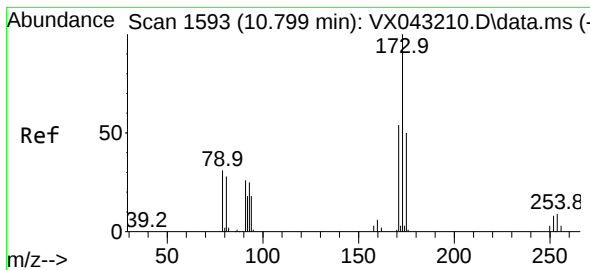
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#70
Styrene
Concen: 20.945 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

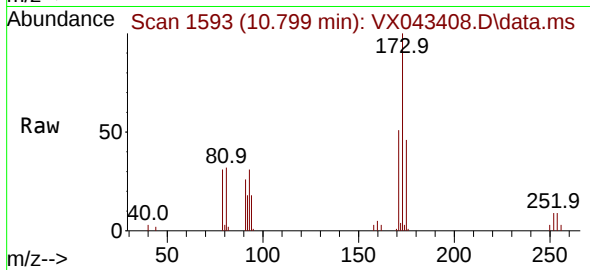
Tgt Ion:104 Resp: 62268
Ion Ratio Lower Upper
104 100
78 56.4 43.5 65.3
103 55.9 43.9 65.9





#71
Bromoform
Concen: 18.175 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

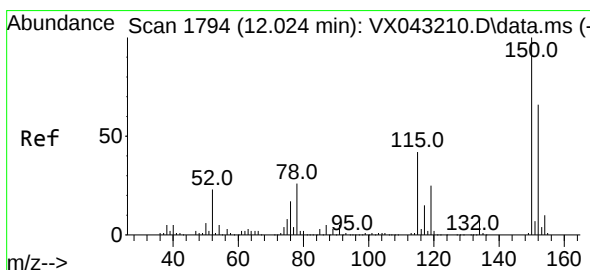
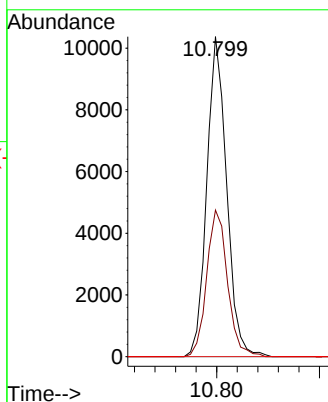
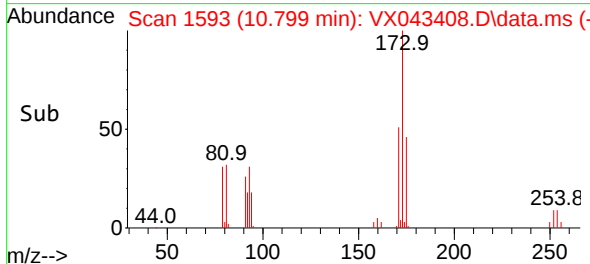
Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01



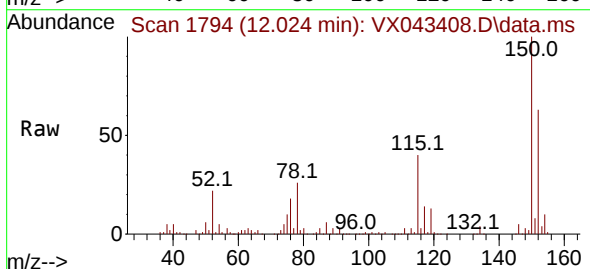
Tgt Ion:173 Resp: 13914
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.9
254 0.0 0.0 0.0

Manual Integrations
APPROVED

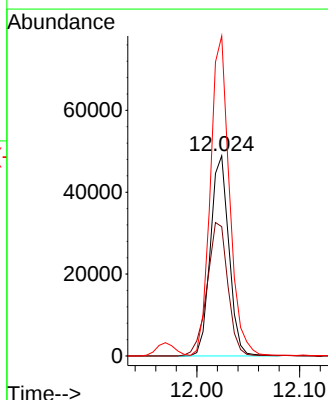
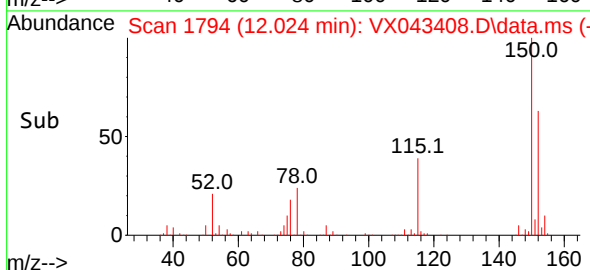
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

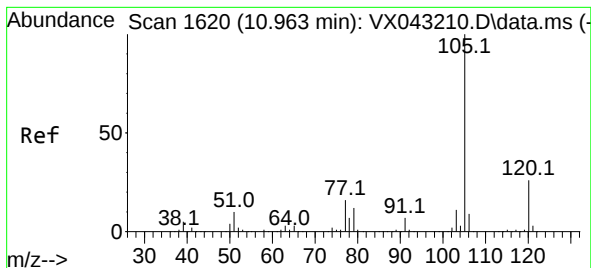


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15



Tgt Ion:152 Resp: 61035
Ion Ratio Lower Upper
152 100
115 74.8 44.1 132.3
150 164.3 0.0 347.4





#73

Isopropylbenzene

Concen: 20.996 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBS01

Tgt Ion:105 Resp: 99630

Ion Ratio Lower Upper

105 100

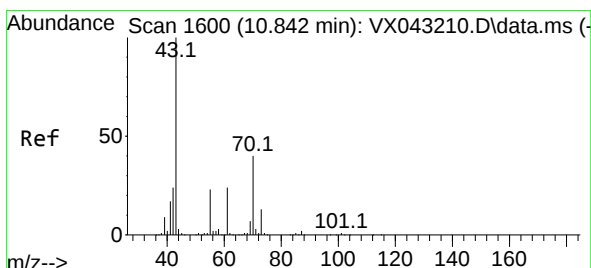
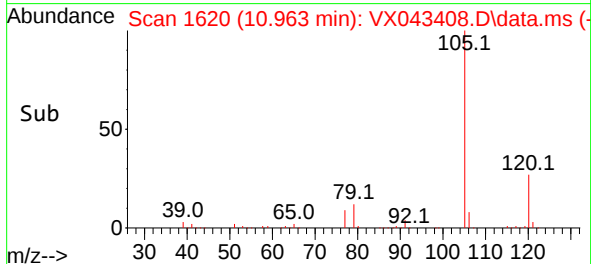
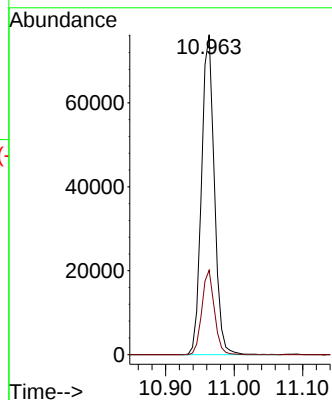
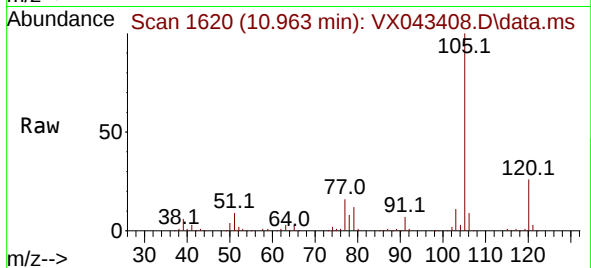
120 25.7 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#74

N-ethyl acetate

Concen: 21.145 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Tgt Ion: 43 Resp: 47631

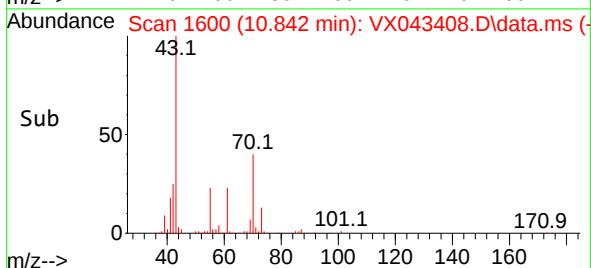
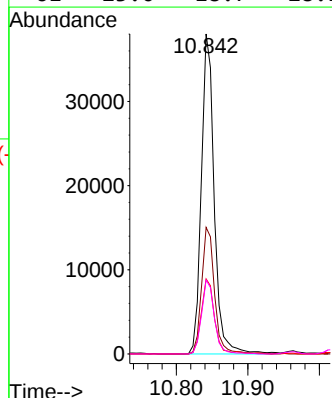
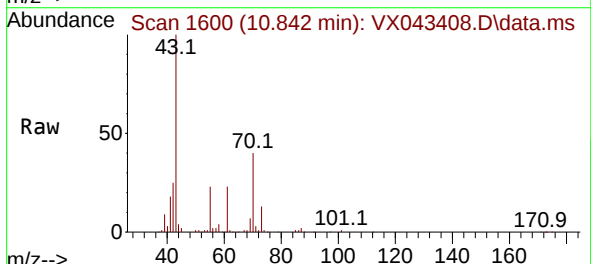
Ion Ratio Lower Upper

43 100

70 39.8 33.1 49.7

55 24.0 18.6 27.8

61 23.0 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.286 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBS01

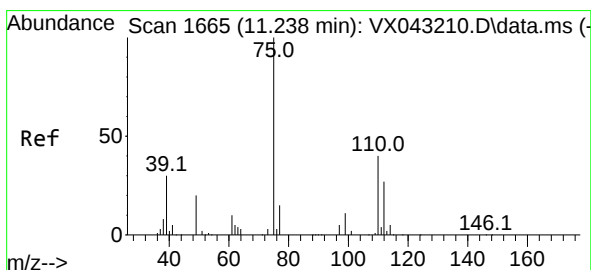
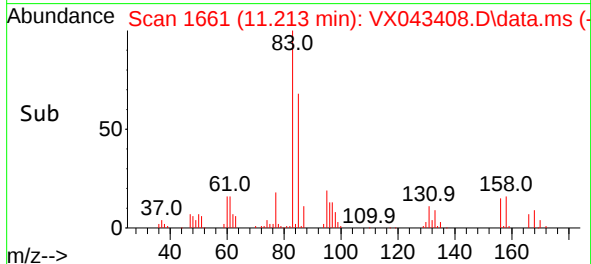
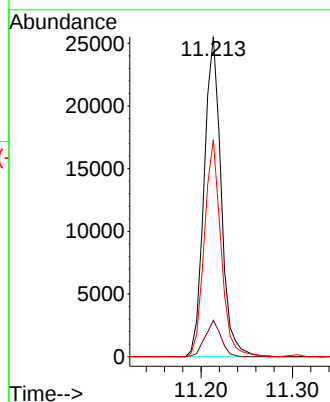
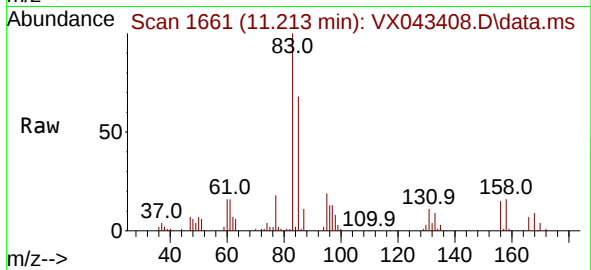
Tgt Ion:	83	Resp:	3290
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.2	15.6
85	66.3	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#76

1,2,3-Trichloropropane

Concen: 20.768 ug/l m

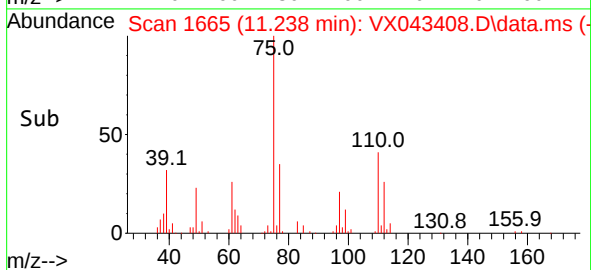
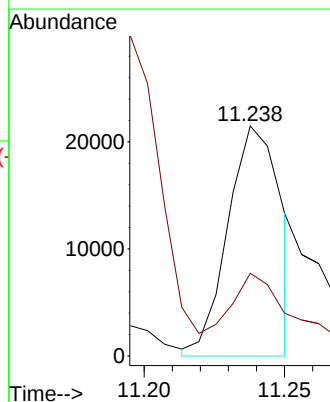
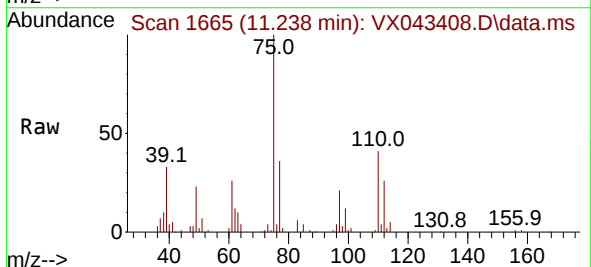
RT: 11.238 min Scan# 1665

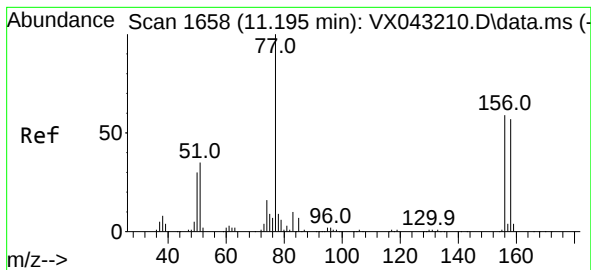
Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Tgt Ion:	75	Resp:	28116
Ion Ratio	Lower	Upper	
75	100		
77	46.4	22.0	66.0





#77

Bromobenzene

Concen: 20.280 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBS01

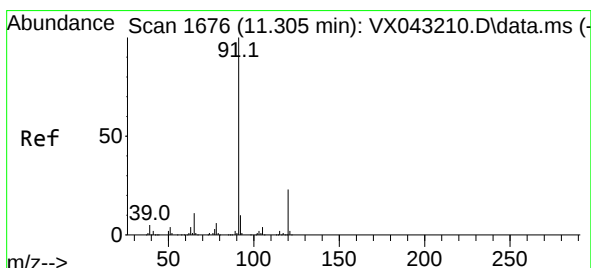
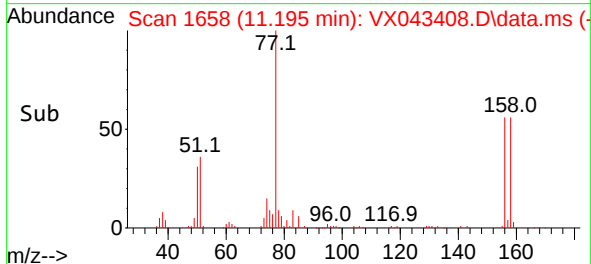
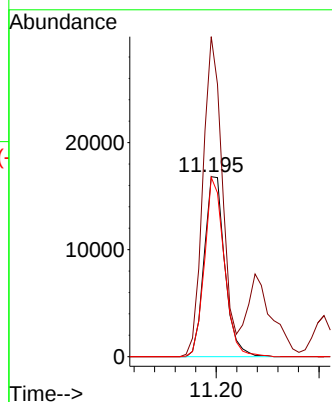
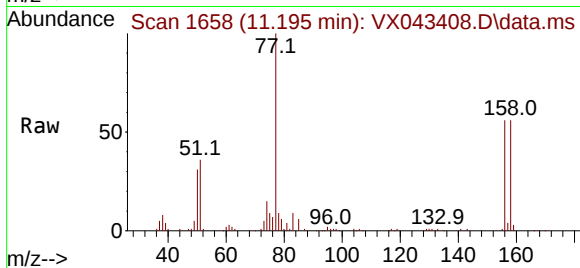
Tgt Ion:	156	Resp:	23419
Ion Ratio	Lower	Upper	
156	100		
77	167.7	82.0	245.8
158	95.9	48.1	144.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#78

n-propylbenzene

Concen: 20.816 ug/l

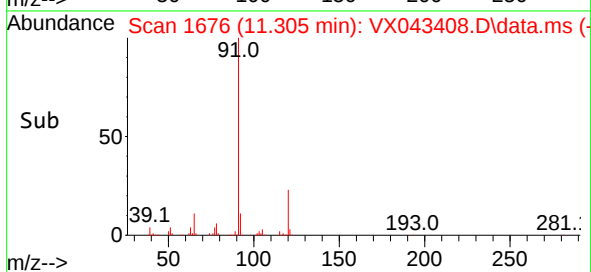
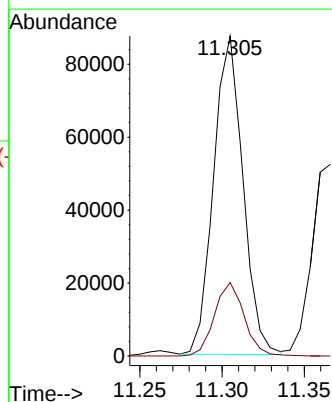
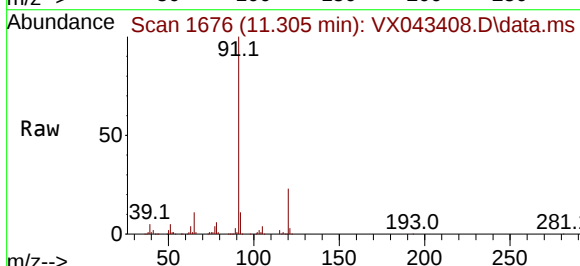
RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Tgt Ion:	91	Resp:	108438
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.4	34.1





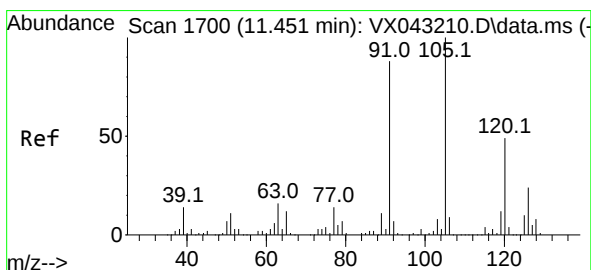
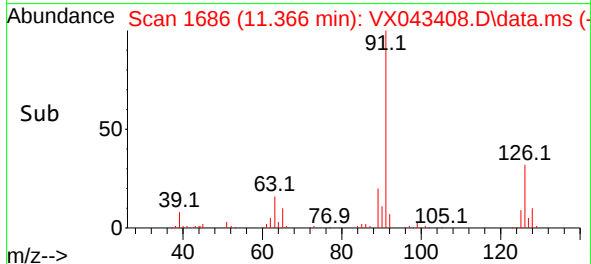
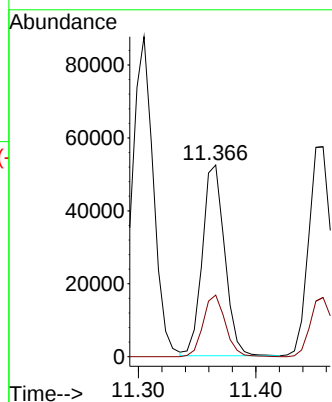
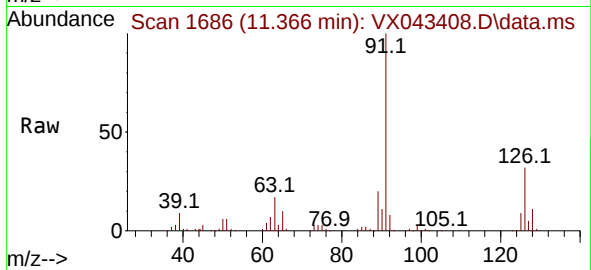
#79
2-Chlorotoluene
Concen: 20.579 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 91 Resp: 68920
Ion Ratio Lower Upper
91 100
126 32.3 16.6 49.7

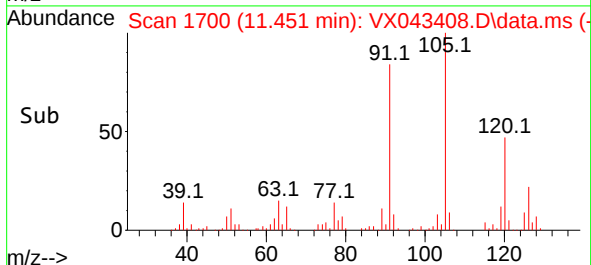
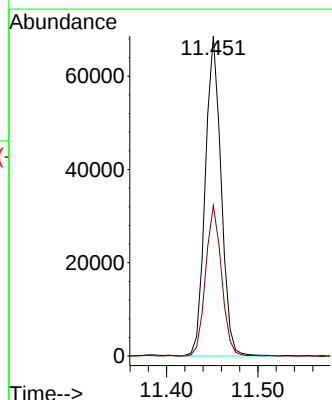
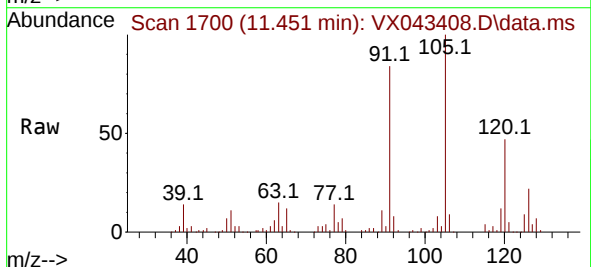
Manual Integrations
APPROVED

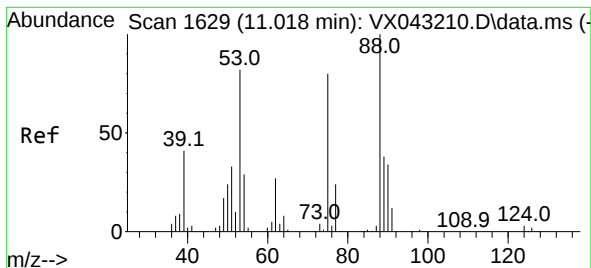
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.020 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

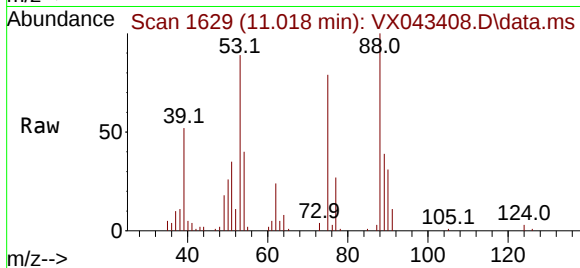
Tgt Ion:105 Resp: 82281
Ion Ratio Lower Upper
105 100
120 47.3 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 18.534 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

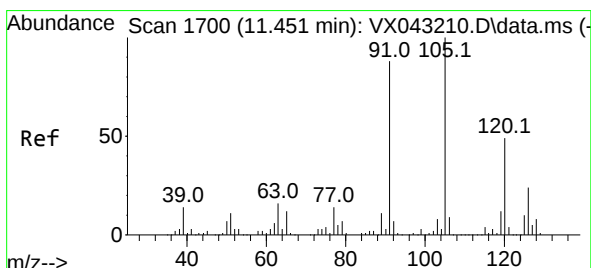
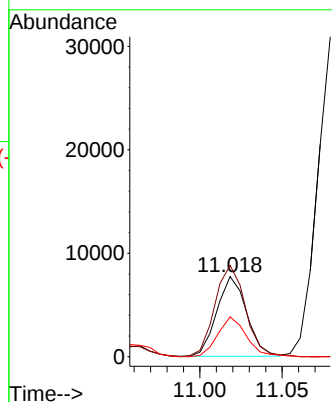
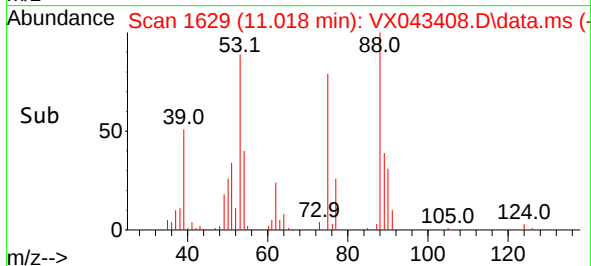
Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01



Tgt Ion: 75 Resp: 9682
Ion Ratio Lower Upper
75 100
53 117.8 83.9 125.9
89 48.2 38.6 58.0

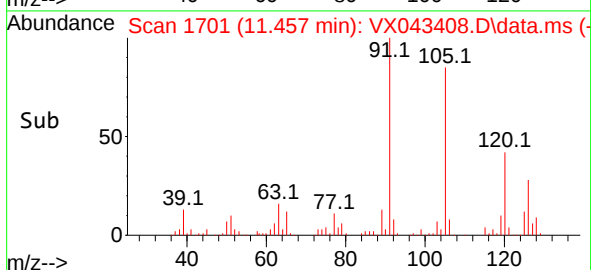
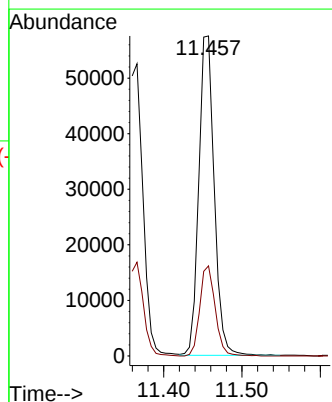
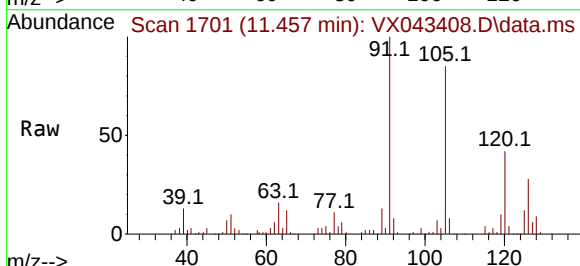
Manual Integrations
APPROVED

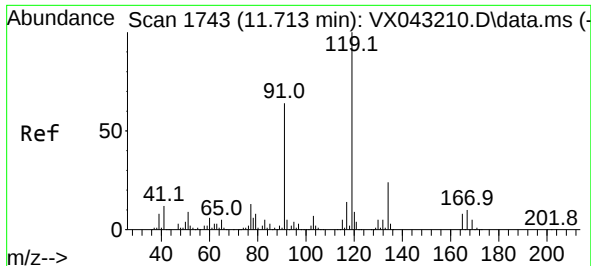
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#82
4-Chlorotoluene
Concen: 20.665 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

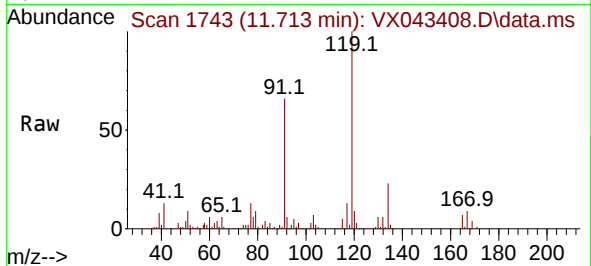
Tgt Ion: 91 Resp: 78839
Ion Ratio Lower Upper
91 100
126 28.1 14.1 42.3





#83
tert-Butylbenzene
Concen: 20.307 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

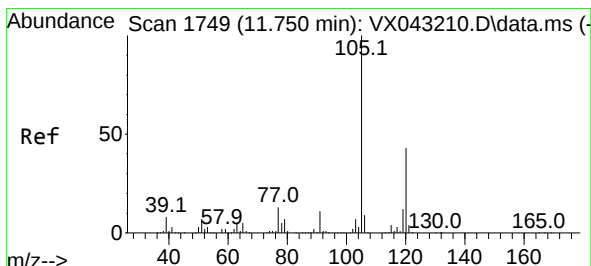
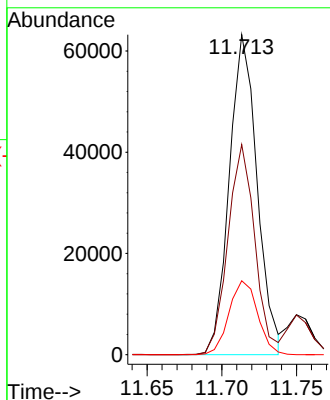
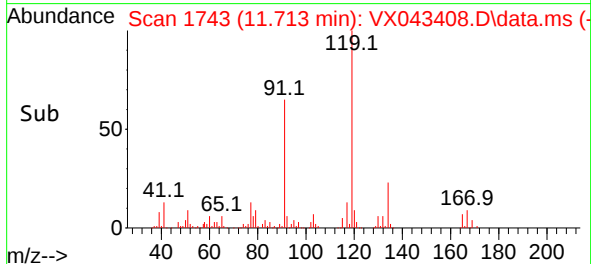
Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01



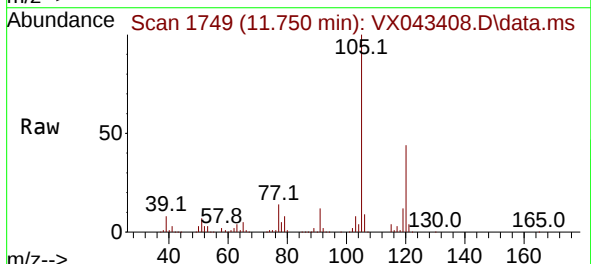
Tgt Ion:119 Resp: 8189
Ion Ratio Lower Upper
119 100
91 63.6 31.0 93.0
134 23.8 11.5 34.4

Manual Integrations
APPROVED

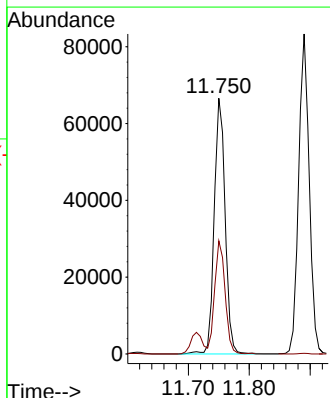
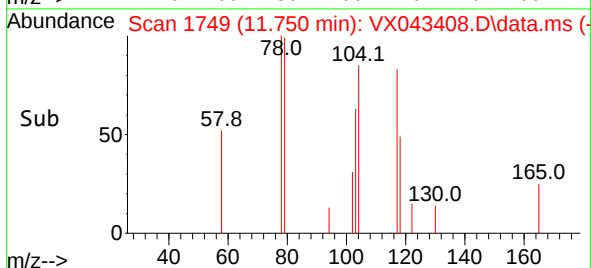
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

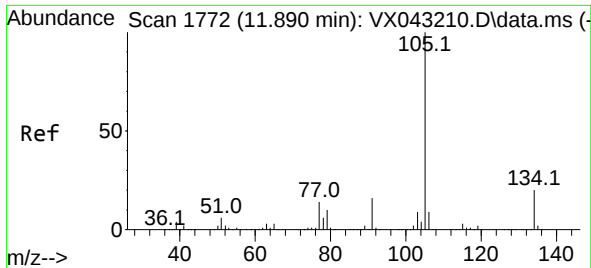


#84
1,2,4-Trimethylbenzene
Concen: 21.059 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15



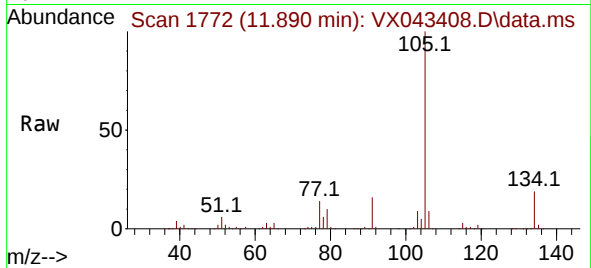
Tgt Ion:105 Resp: 82941
Ion Ratio Lower Upper
105 100
120 42.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 21.026 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX043408.D
 Acq: 15 Oct 2024 16:15

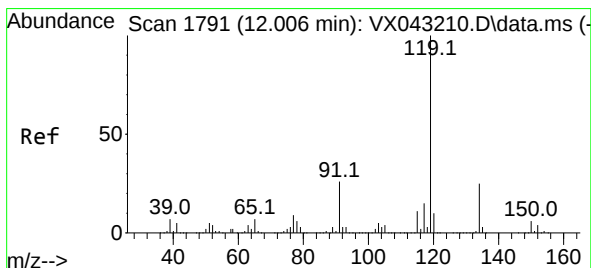
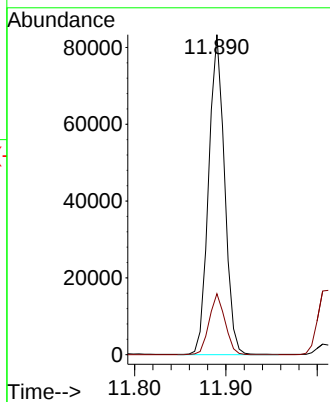
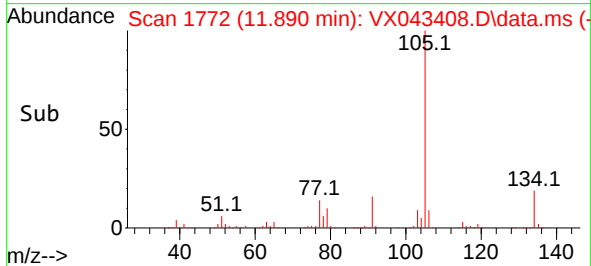
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1015MBS01



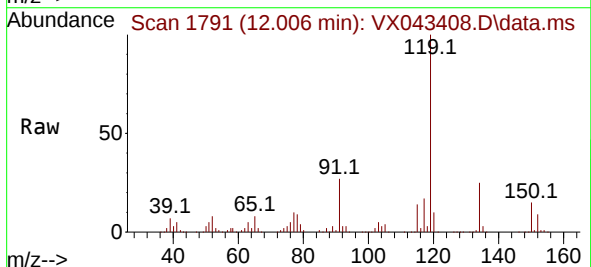
Tgt Ion:105 Resp: 100520
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.1 30.1

Manual Integrations
 APPROVED

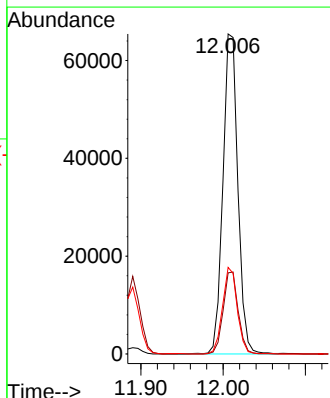
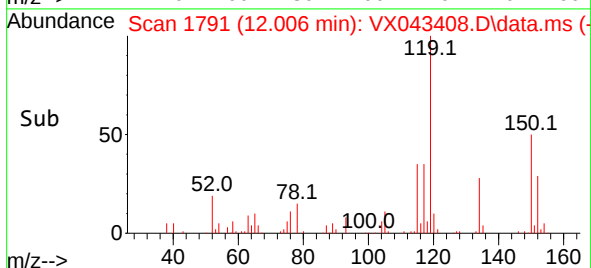
Reviewed By :John Carlone 10/16/2024
 Supervised By :Mahesh Dadoda 10/16/2024



#86
 p-Isopropyltoluene
 Concen: 20.770 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX043408.D
 Acq: 15 Oct 2024 16:15



Tgt Ion:119 Resp: 82843
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 26.7 13.0 39.0





#87

1,3-Dichlorobenzene

Concen: 20.502 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBS01

Tgt Ion:146 Resp: 4170

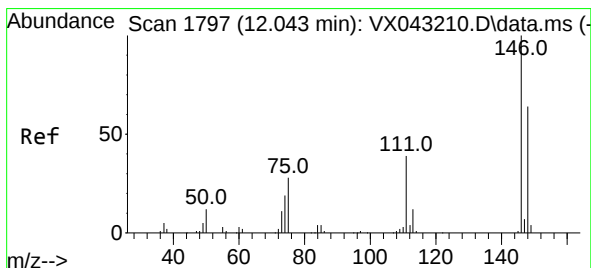
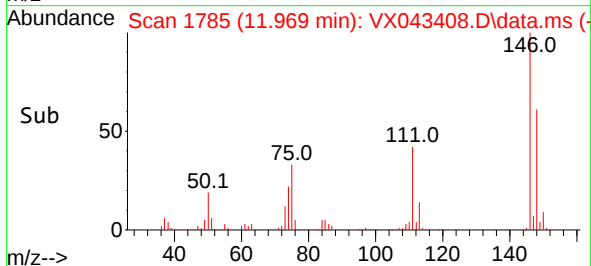
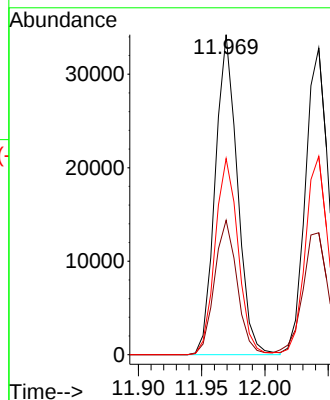
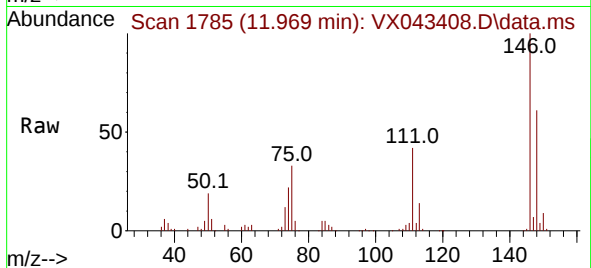
Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.8	65.3
148	63.5	32.4	97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#88

1,4-Dichlorobenzene

Concen: 19.882 ug/l

RT: 12.043 min Scan# 1797

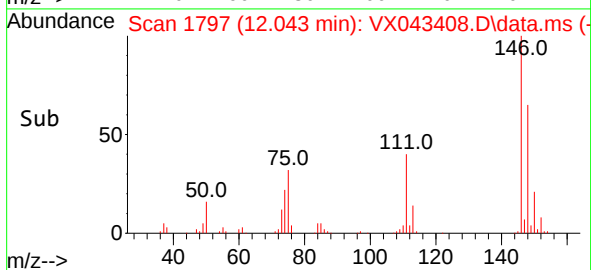
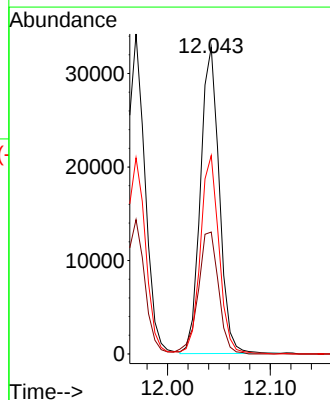
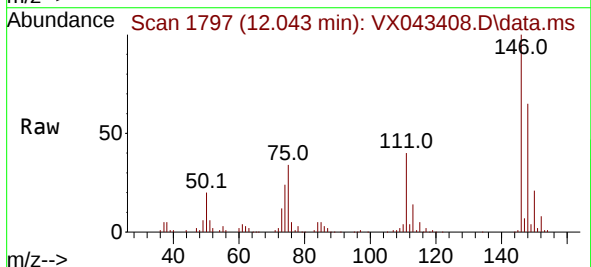
Delta R.T. -0.000 min

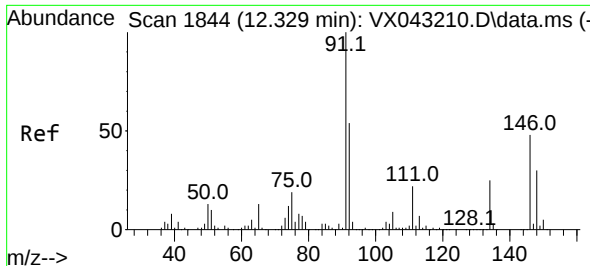
Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Tgt Ion:146 Resp: 41697

Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.8	62.5
148	64.6	32.4	97.0





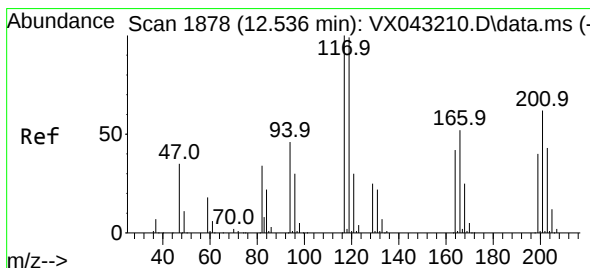
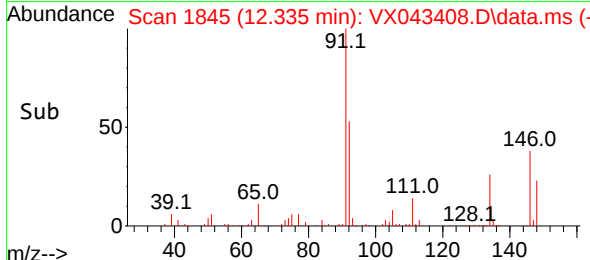
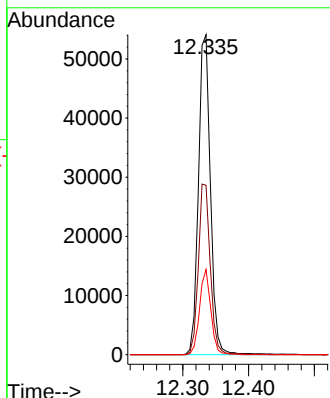
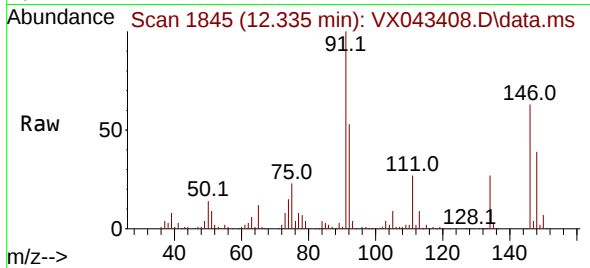
#89
n-Butylbenzene
Concen: 20.568 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01

Tgt Ion: 91 Resp: 6868
Ion Ratio Lower Upper
91 100
92 53.2 27.0 81.0
134 24.9 12.9 38.6

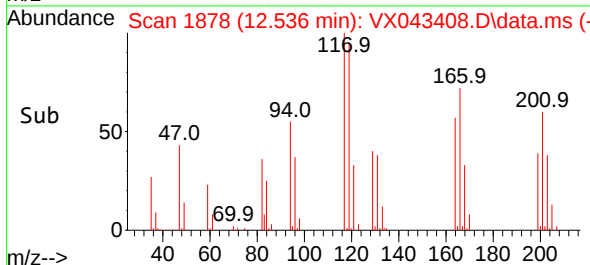
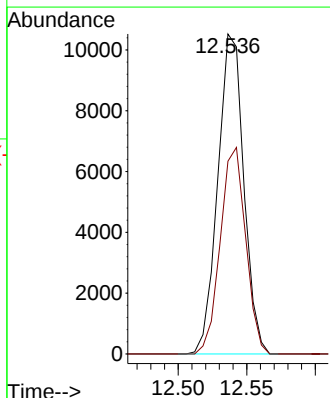
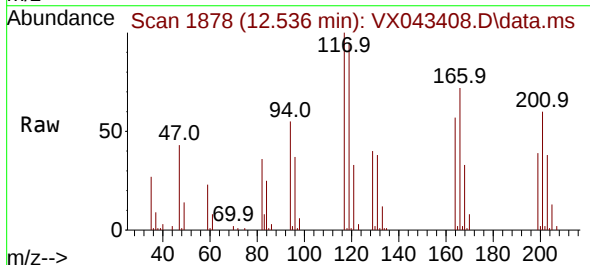
Manual Integrations
APPROVED

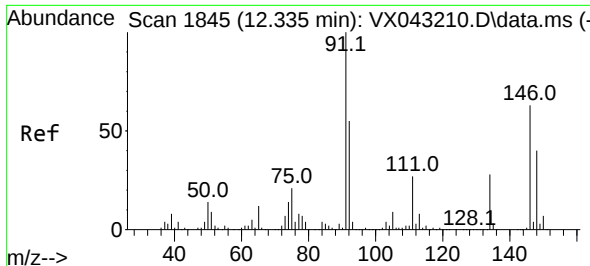
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#90
Hexachloroethane
Concen: 18.519 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

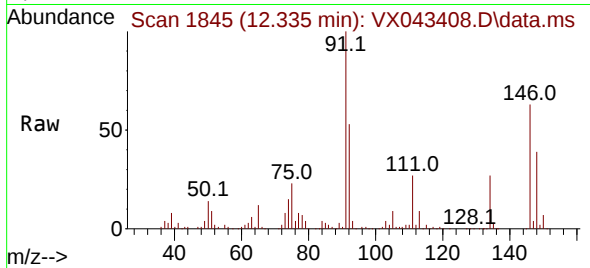
Tgt Ion:117 Resp: 13853
Ion Ratio Lower Upper
117 100
201 63.2 34.0 101.8





#91
1,2-Dichlorobenzene
Concen: 20.378 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

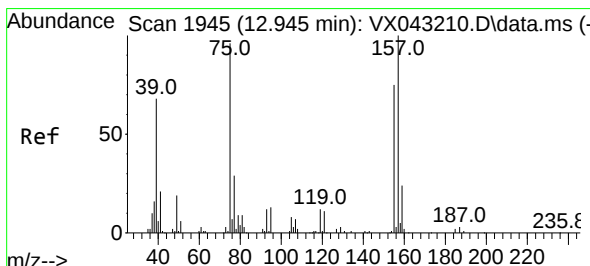
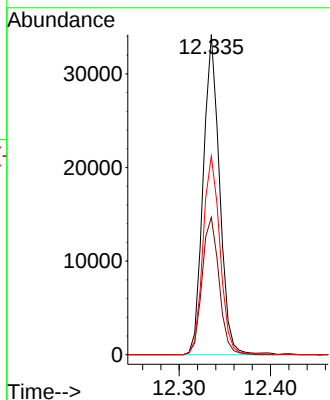
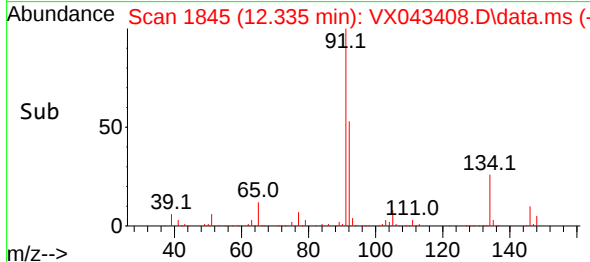
Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01



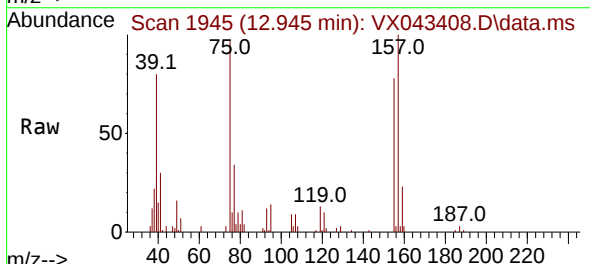
Tgt Ion:146 Resp: 42394
Ion Ratio Lower Upper
146 100
111 44.4 21.9 65.5
148 64.3 31.9 95.5

Manual Integrations
APPROVED

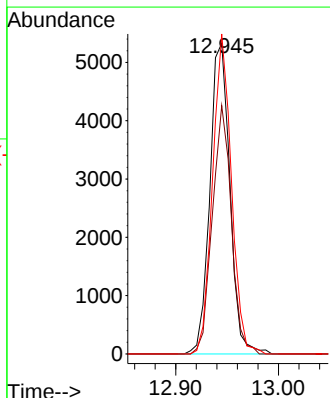
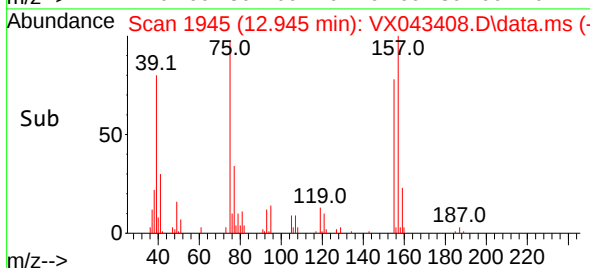
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.098 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15



Tgt Ion: 75 Resp: 7208
Ion Ratio Lower Upper
75 100
155 75.8 38.8 116.4
157 96.7 49.0 147.0





#93

1,2,4-Trichlorobenzene

Concen: 19.865 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX1015MBS01

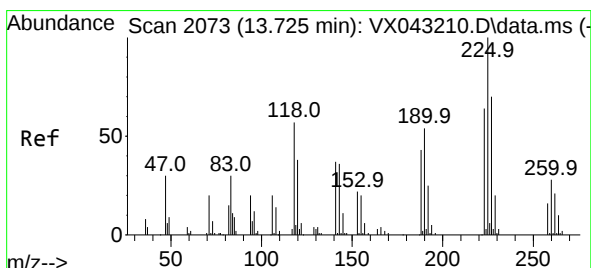
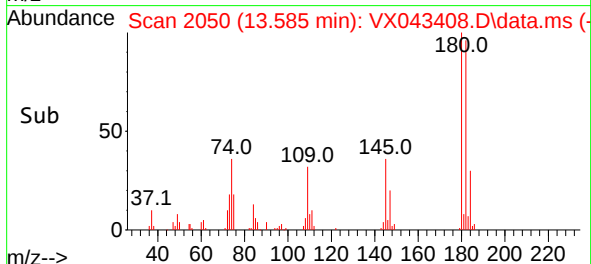
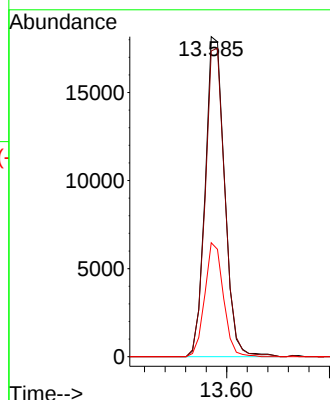
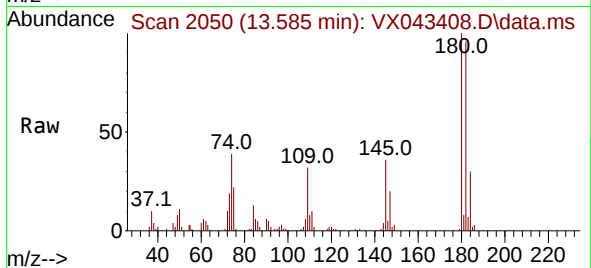
Tgt Ion:180	Resp:	2382
Ion Ratio	Lower	Upper
180	100	
182	97.4	47.1 141.3
145	34.2	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#94

Hexachlorobutadiene

Concen: 20.379 ug/l

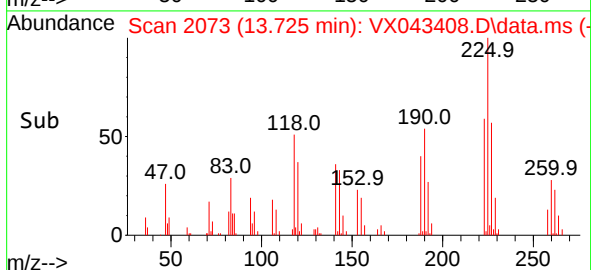
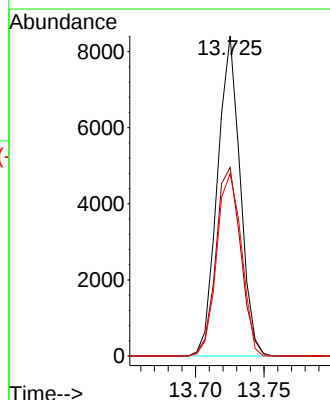
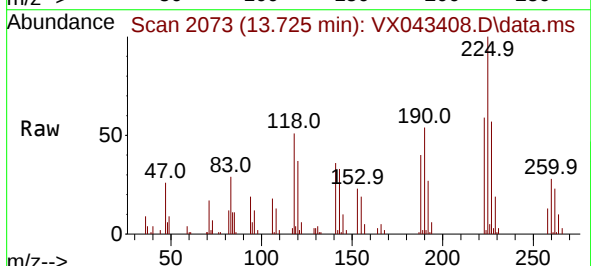
RT: 13.725 min Scan# 2073

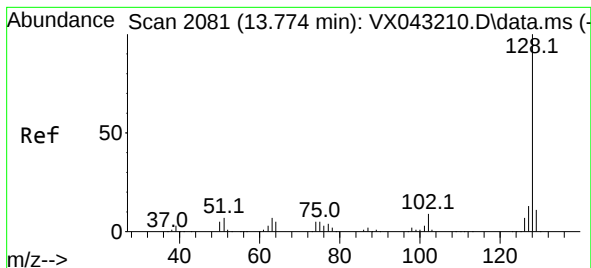
Delta R.T. -0.000 min

Lab File: VX043408.D

Acq: 15 Oct 2024 16:15

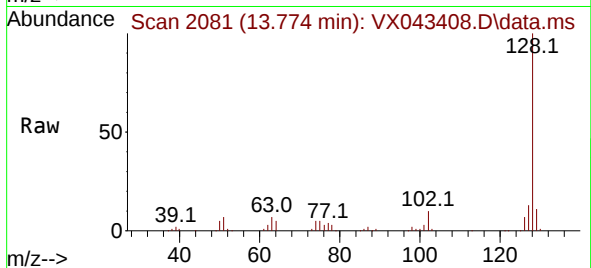
Tgt Ion:225	Resp:	9689
Ion Ratio	Lower	Upper
225	100	
223	64.4	30.8 92.4
227	62.3	32.2 96.6





#95
Naphthalene
Concen: 20.642 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15

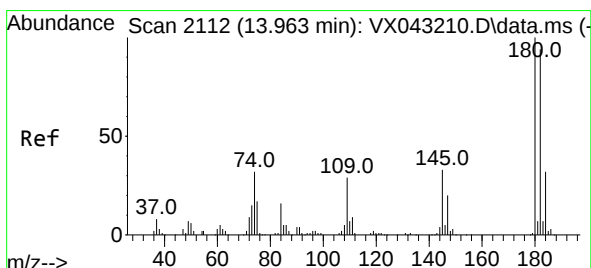
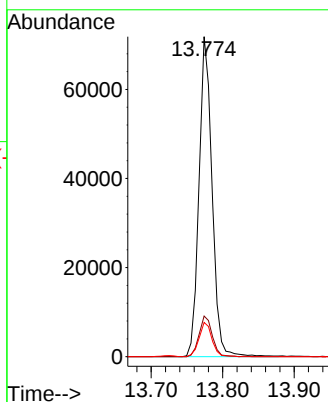
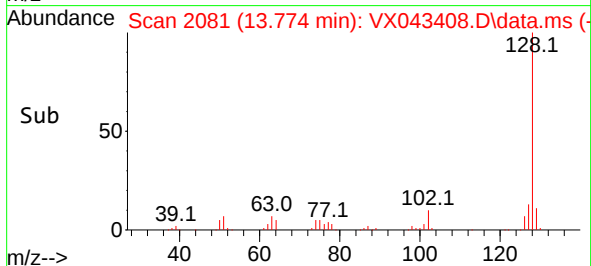
Instrument :
MSVOA_X
ClientSampleId :
VX1015MBS01



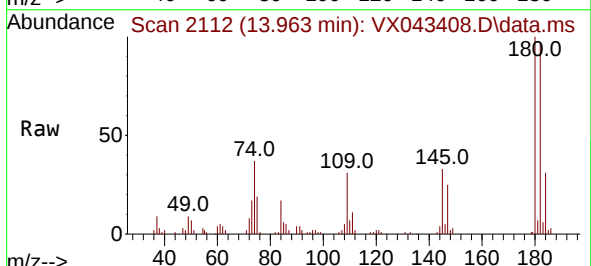
Tgt Ion:128 Resp: 91009
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#96
1,2,3-Trichlorobenzene
Concen: 20.341 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX043408.D
Acq: 15 Oct 2024 16:15



Tgt Ion:180 Resp: 25170
Ion Ratio Lower Upper
180 100
182 96.0 46.5 139.3
145 34.0 17.2 51.6

