

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043109.D
 Acq On : 24 Sep 2024 09:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2024
 Supervised By : Mahesh Dadoda 09/25/2024

Quant Time: Sep 25 01:19:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	121581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	179896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93825	46.459	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.920%		
35) Dibromofluoromethane	5.379	113	70312	49.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.300%		
50) Toluene-d8	8.647	98	240587	49.712	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.420%		
62) 4-Bromofluorobenzene	11.079	95	98061	50.314	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	62520	48.220	ug/l	98
3) Chloromethane	1.294	50	58337	44.070	ug/l	99
4) Vinyl Chloride	1.374	62	62274	46.313	ug/l	99
5) Bromomethane	1.599	94	38332	49.553	ug/l	98
6) Chloroethane	1.685	64	39593	45.990	ug/l	99
7) Trichlorofluoromethane	1.886	101	111785	46.836	ug/l	96
8) Diethyl Ether	2.136	74	37620	46.947	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	67146	49.844	ug/l	97
10) Methyl Iodide	2.453	142	74770	46.698	ug/l	99
11) Tert butyl alcohol	2.959	59	102303	226.882	ug/l	100
12) 1,1-Dichloroethene	2.319	96	61205	47.499	ug/l	100
13) Acrolein	2.233	56	8267	139.162	ug/l	93
14) Allyl chloride	2.660	41	107867	45.083	ug/l	98
15) Acrylonitrile	3.062	53	180325	230.547	ug/l	99
16) Acetone	2.380	43	207861	220.086	ug/l	99
17) Carbon Disulfide	2.514	76	145431	45.406	ug/l	100
18) Methyl Acetate	2.703	43	123814	48.707	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	231255	47.101	ug/l	99
20) Methylene Chloride	2.788	84	67618	45.001	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	62124	46.594	ug/l	96
22) Diisopropyl ether	3.757	45	210576	47.002	ug/l	95
23) Vinyl Acetate	3.715	43	1228103	233.027	ug/l	99
24) 1,1-Dichloroethane	3.605	63	122376	47.244	ug/l	99
25) 2-Butanone	4.550	43	274774	225.694	ug/l	99
26) 2,2-Dichloropropane	4.471	77	126019	48.068	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	78154	47.086	ug/l	100
28) Bromochloromethane	4.891	49	49671	43.562	ug/l	99
29) Tetrahydrofuran	4.995	42	162567	222.033	ug/l	99
30) Chloroform	5.086	83	132423	46.366	ug/l	98
31) Cyclohexane	5.464	56	93590	47.123	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	125137	46.254	ug/l	99
36) 1,1-Dichloropropene	5.690	75	86605	49.271	ug/l	98
37) Ethyl Acetate	4.708	43	99464	45.050	ug/l	99
38) Carbon Tetrachloride	5.672	117	108566	47.948	ug/l	99
39) Methylcyclohexane	7.379	83	108451	49.163	ug/l	98
40) Benzene	6.031	78	252171	48.619	ug/l	99

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54988	50.098	ug/l	99
42) 1,2-Dichloroethane	6.080	62	106030	48.145	ug/l	100
43) Isopropyl Acetate	6.336	43	175300	47.536	ug/l	100
44) Trichloroethene	7.123	130	69586	49.034	ug/l	98
45) 1,2-Dichloropropane	7.427	63	63521	49.169	ug/l	99
46) Dibromomethane	7.574	93	52176	47.963	ug/l	99
47) Bromodichloromethane	7.818	83	109908	48.588	ug/l	97
48) Methyl methacrylate	7.690	41	85889	47.418	ug/l	98
49) 1,4-Dioxane	7.653	88	34700	1014.809	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	536803	236.949	ug/l	100
52) Toluene	8.714	92	162511	48.653	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	114091	49.133	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	115055	49.614	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	67393	49.003	ug/l	97
56) Ethyl methacrylate	9.116	69	116921	48.856	ug/l	100
57) 1,3-Dichloropropane	9.305	76	112197	47.965	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	244189	252.354	ug/l	99
59) 2-Hexanone	9.427	43	425030	239.936	ug/l	99
60) Dibromochloromethane	9.519	129	86647	48.244	ug/l	99
61) 1,2-Dibromoethane	9.604	107	72369	48.092	ug/l	99
64) Tetrachloroethene	9.269	164	60823	46.664	ug/l	97
65) Chlorobenzene	10.079	112	188498	48.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	70988	49.592	ug/l	99
67) Ethyl Benzene	10.189	91	331877	49.438	ug/l	99
68) m/p-Xylenes	10.299	106	249833	100.004	ug/l	100
69) o-Xylene	10.640	106	122523	48.898	ug/l	98
70) Styrene	10.652	104	212487	50.838	ug/l	99
71) Bromoform	10.799	173	62461	49.612	ug/l #	98
73) Isopropylbenzene	10.957	105	329976	48.519	ug/l	100
74) N-amyl acetate	10.841	43	153757	48.117	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	103409	47.252	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	92523m	47.989	ug/l	
77) Bromobenzene	11.195	156	80099	49.060	ug/l	99
78) n-propylbenzene	11.305	91	381112	49.392	ug/l	100
79) 2-Chlorotoluene	11.360	91	229255	47.370	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	278695	49.529	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	38749	47.885	ug/l	99
82) 4-Chlorotoluene	11.451	91	271164	49.020	ug/l	99
83) tert-Butylbenzene	11.713	119	280866	48.440	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	275926	49.289	ug/l	99
85) sec-Butylbenzene	11.890	105	352564	49.474	ug/l	99
86) p-Isopropyltoluene	12.006	119	295456	49.939	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	148728	49.960	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	145578	48.766	ug/l	100
89) n-Butylbenzene	12.329	91	273388	53.022	ug/l	100
90) Hexachloroethane	12.536	117	59026	50.061	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	142489	48.602	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27125	45.844	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	90983	50.056	ug/l	97
94) Hexachlorobutadiene	13.725	225	39190	51.318	ug/l	99
95) Naphthalene	13.774	128	307687	48.702	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	90361	50.037	ug/l	99

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MSVOA_X
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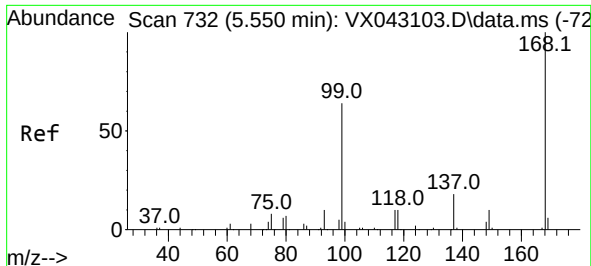
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

Quant Time: Sep 25 01:19:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration

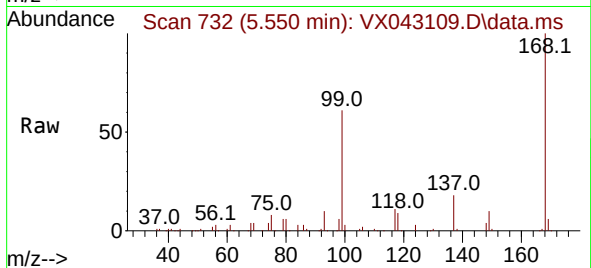
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
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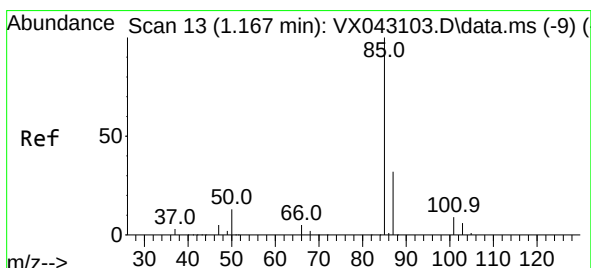
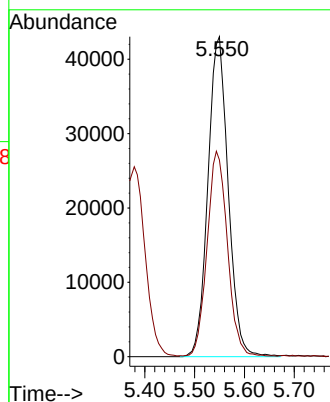
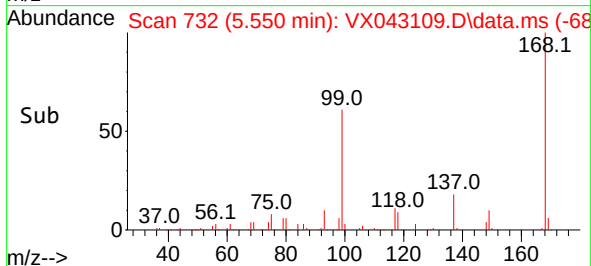
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 12158
Ion Ratio Lower Upper
168 100
99 61.2 50.8 76.2

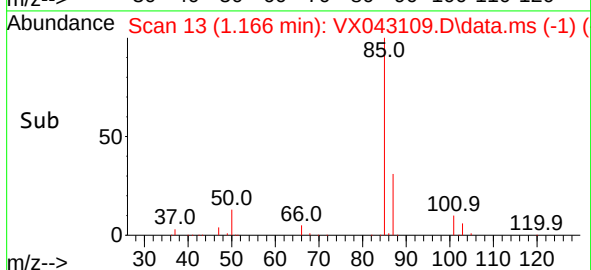
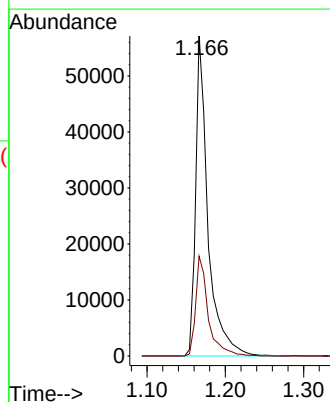
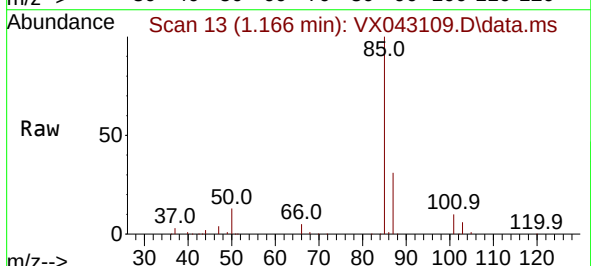
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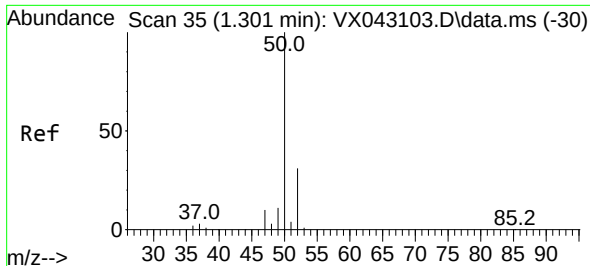
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#2
Dichlorodifluoromethane
Concen: 48.220 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

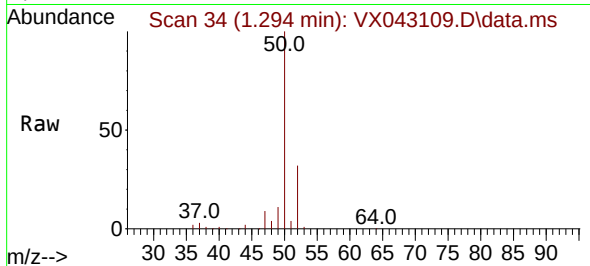
Tgt Ion: 85 Resp: 62520
Ion Ratio Lower Upper
85 100
87 31.2 16.1 48.2





#3
Chloromethane
Concen: 44.070 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

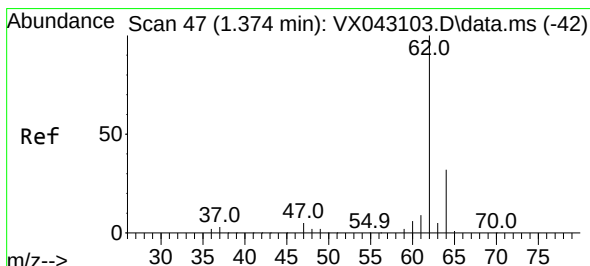
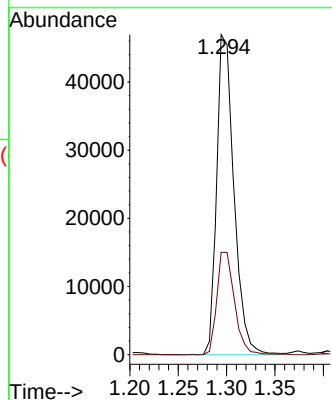
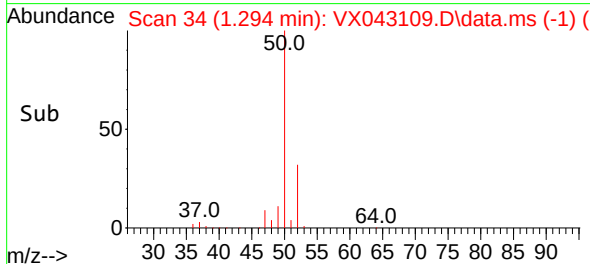
Instrument :
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Tgt Ion: 50 Resp: 5833
Ion Ratio Lower Upper
50 100
52 32.0 25.1 37.7

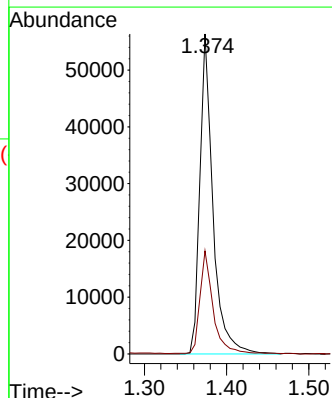
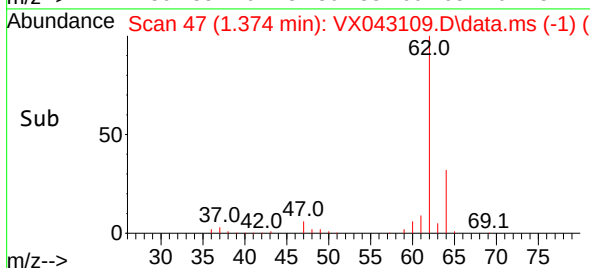
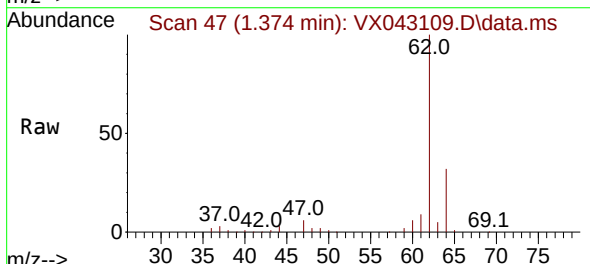
Manual Integrations
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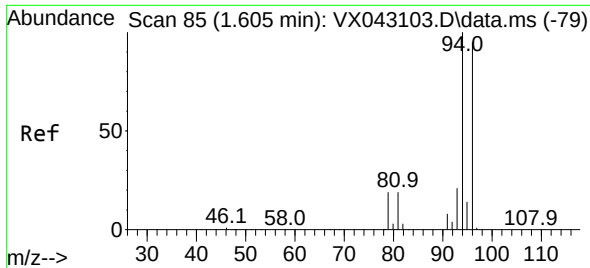
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#4
Vinyl Chloride
Concen: 46.313 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion: 62 Resp: 62274
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0





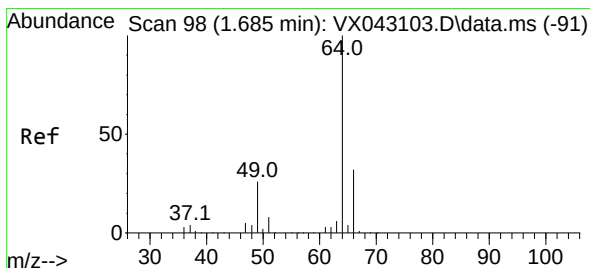
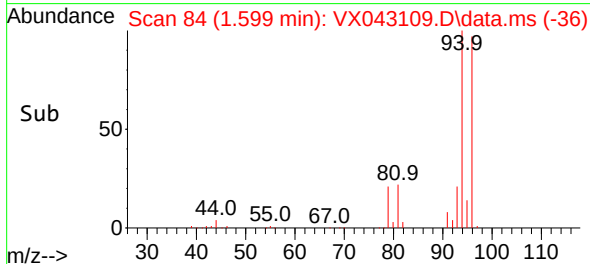
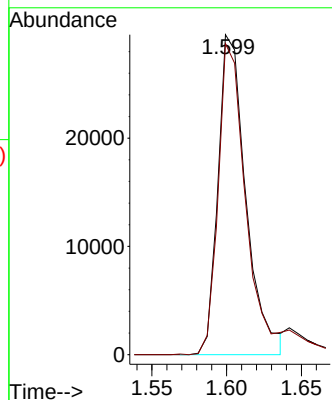
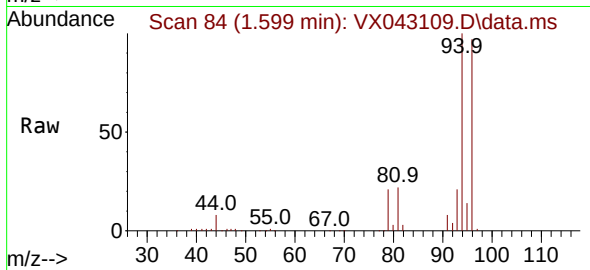
#5
Bromomethane
Concen: 49.553 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 3833
Ion Ratio Lower Upper
94 100
96 97.0 76.2 114.4

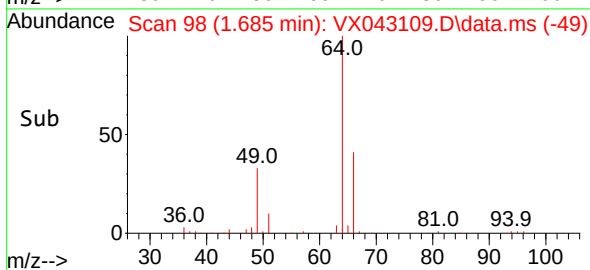
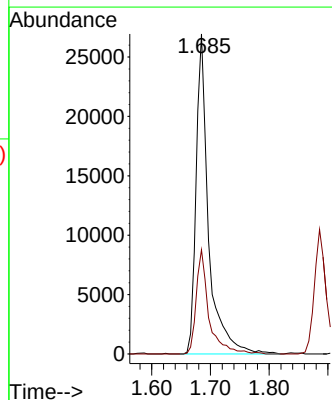
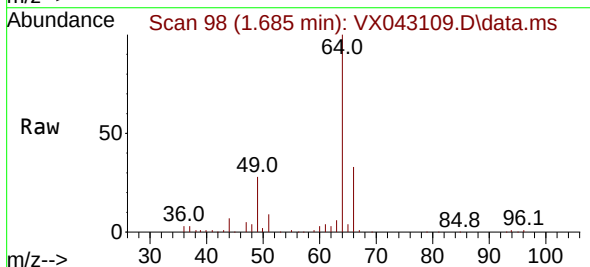
Manual Integrations
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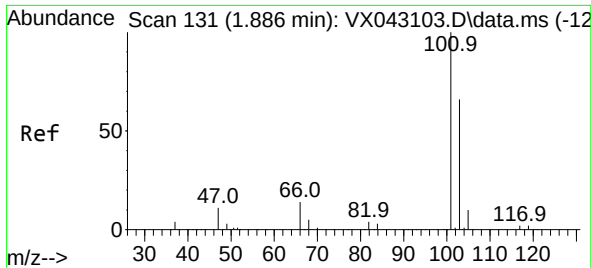
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#6
Chloroethane
Concen: 45.990 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

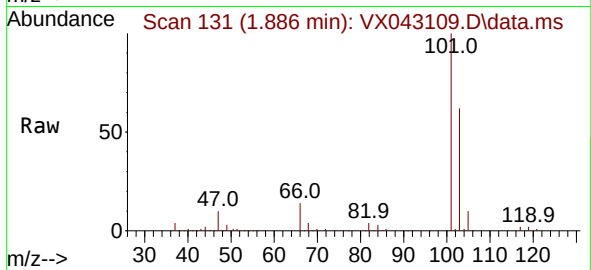
Tgt Ion: 64 Resp: 39593
Ion Ratio Lower Upper
64 100
66 32.6 25.8 38.6





#7
Trichlorofluoromethane
Concen: 46.836 ug/l
RT: 1.886 min Scan# 111
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

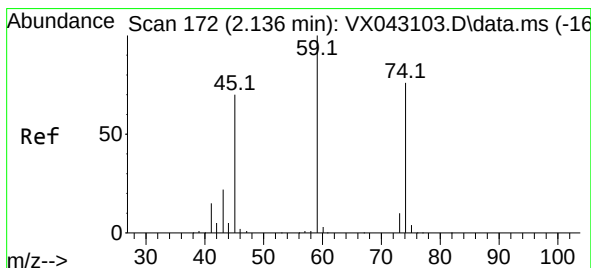
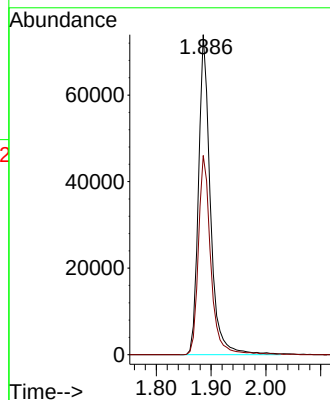
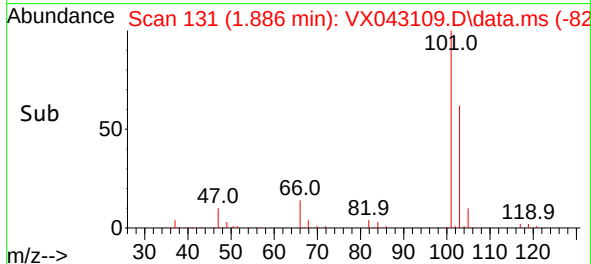
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 11178
Ion Ratio Lower Upper
101 100
103 62.2 52.4 78.6

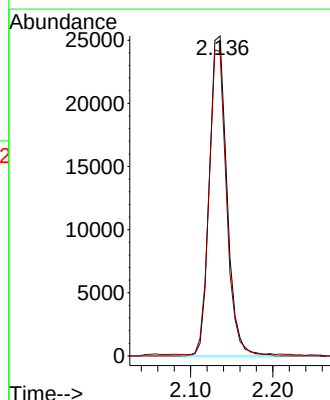
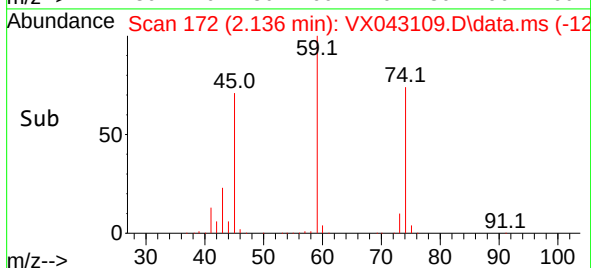
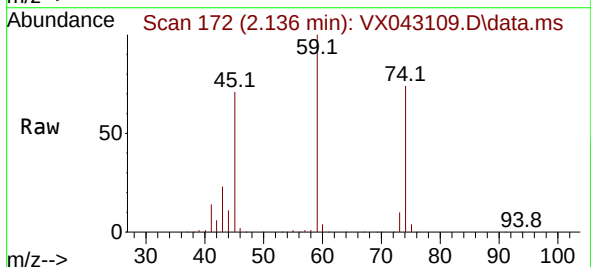
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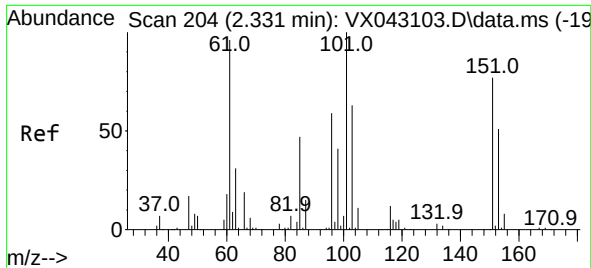
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#8
Diethyl Ether
Concen: 46.947 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion: 74 Resp: 37620
Ion Ratio Lower Upper
74 100
45 94.3 48.6 145.8





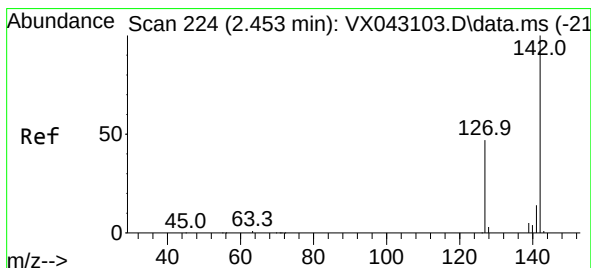
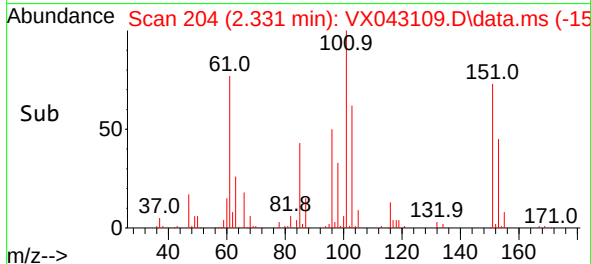
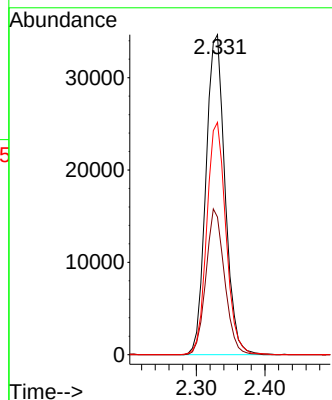
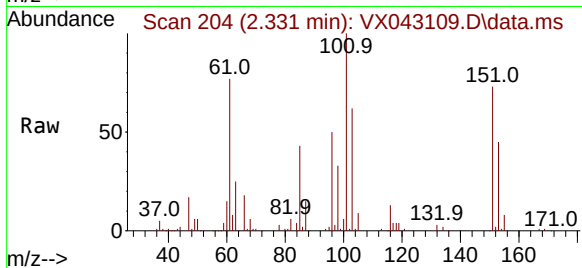
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.844 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 67140
Ion Ratio Lower Upper
101 100
85 44.5 37.0 55.4
151 72.9 60.2 90.4

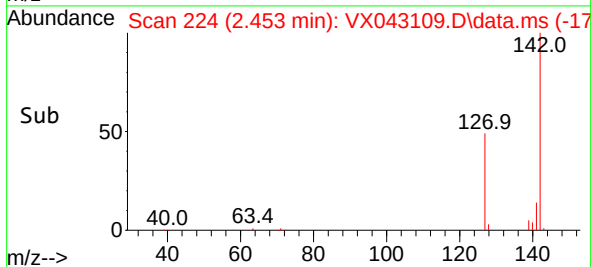
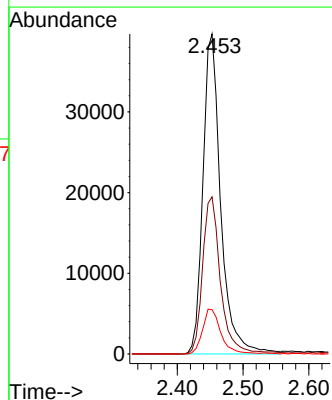
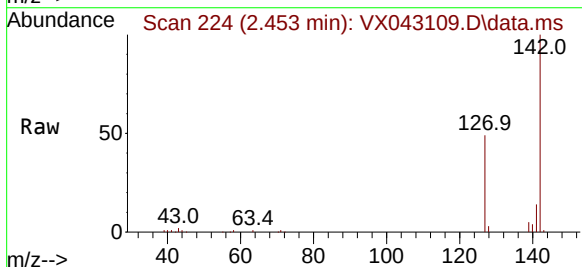
Manual Integrations
APPROVED

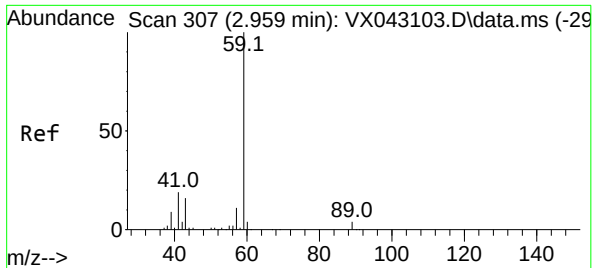
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#10
Methyl Iodide
Concen: 46.698 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

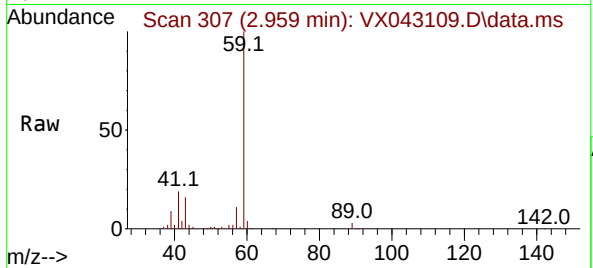
Tgt Ion:142 Resp: 74770
Ion Ratio Lower Upper
142 100
127 49.8 38.9 58.3
141 14.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 226.882 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

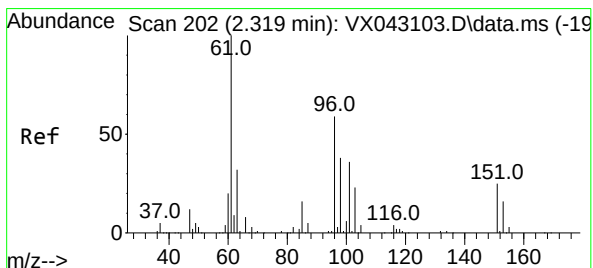
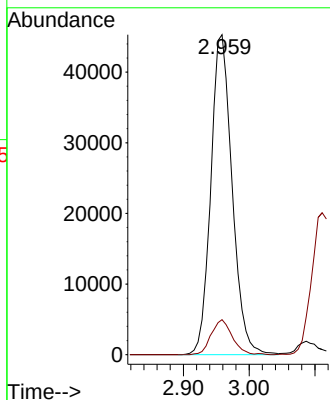
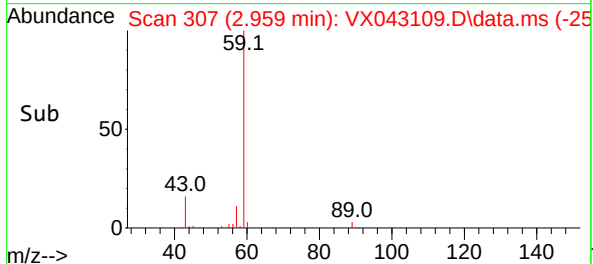
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



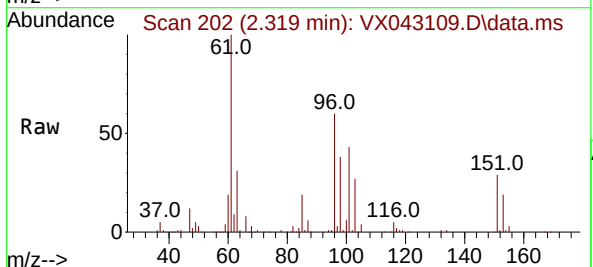
Tgt Ion: 59 Resp: 10230
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

Manual Integrations
APPROVED

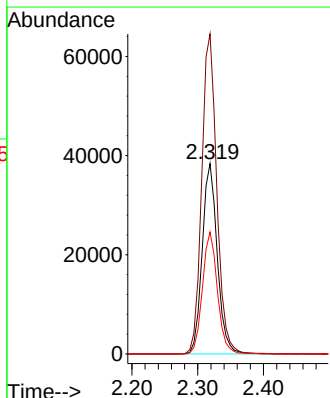
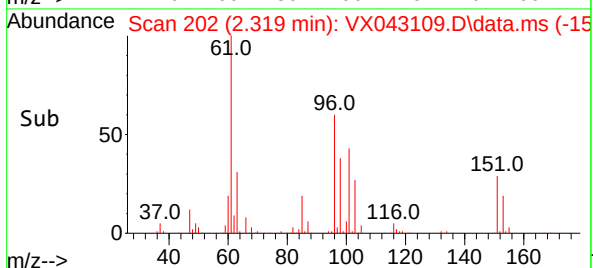
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

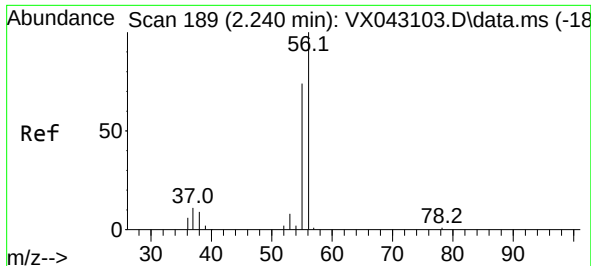


#12
1,1-Dichloroethene
Concen: 47.499 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30



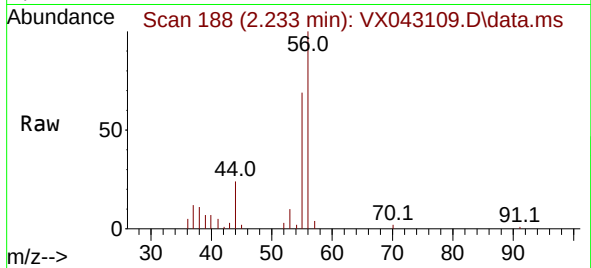
Tgt Ion: 96 Resp: 61205
Ion Ratio Lower Upper
96 100
61 168.1 134.7 202.1
98 64.0 51.6 77.4





#13
Acrolein
Concen: 139.162 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

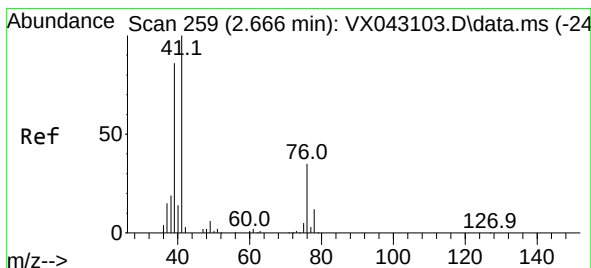
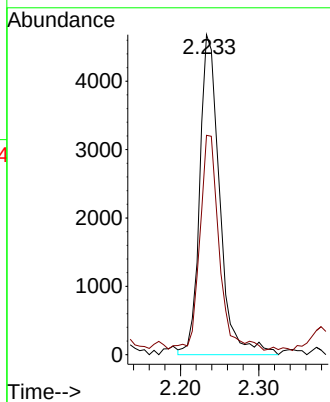
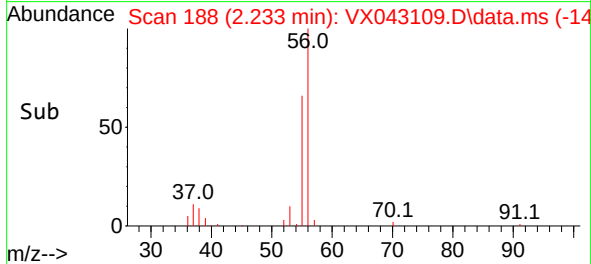
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 826
Ion Ratio Lower Upper
56 100
55 64.0 55.8 83.6

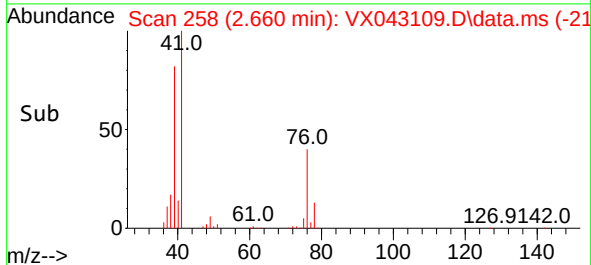
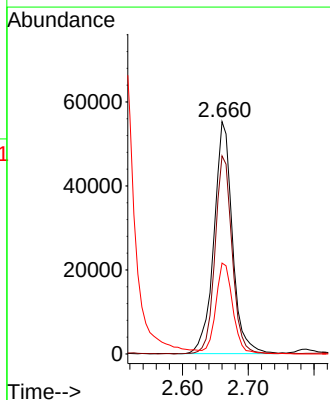
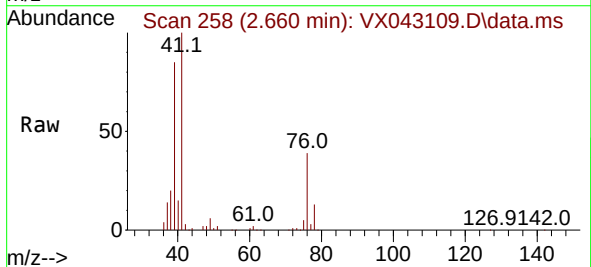
Manual Integrations
APPROVED

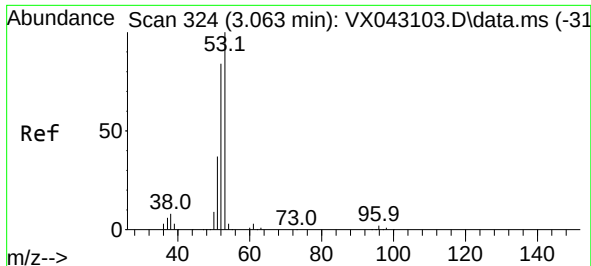
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#14
Allyl chloride
Concen: 45.083 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

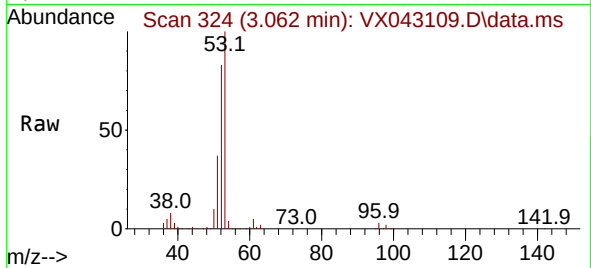
Tgt Ion: 41 Resp: 107867
Ion Ratio Lower Upper
41 100
39 79.3 61.7 92.5
76 35.6 29.0 43.6





#15
Acrylonitrile
Concen: 230.547 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

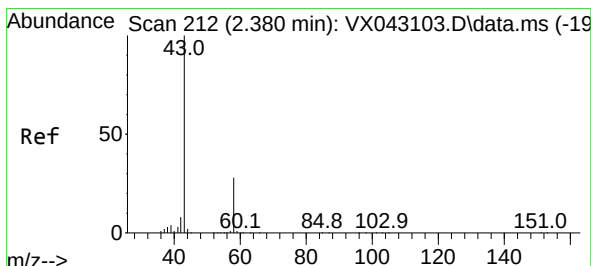
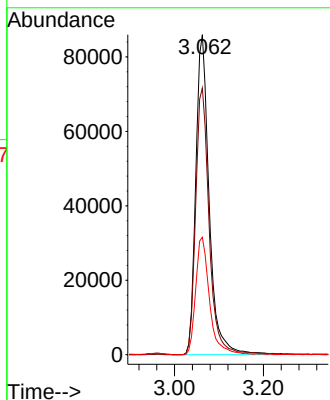
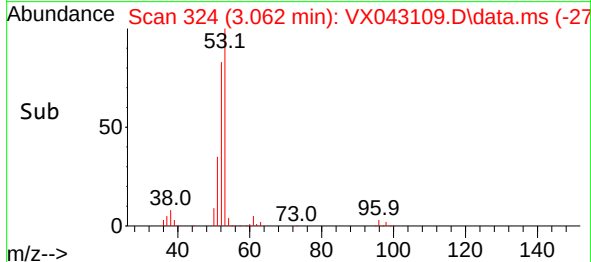
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 180325
Ion Ratio Lower Upper
53 100
52 84.0 67.8 101.6
51 38.0 30.6 45.8

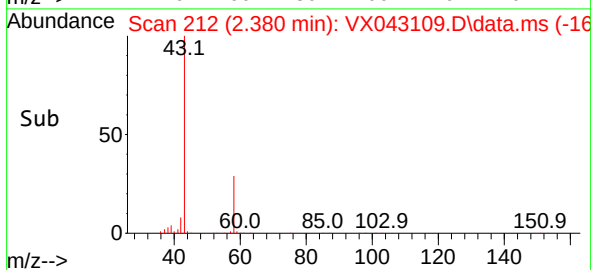
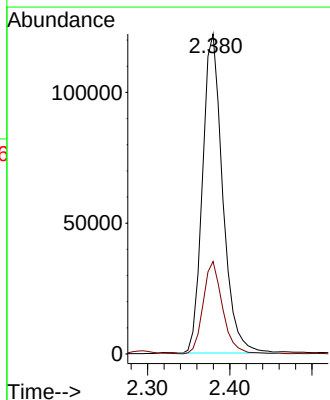
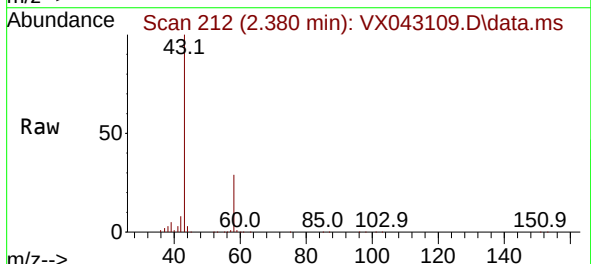
Manual Integrations
APPROVED

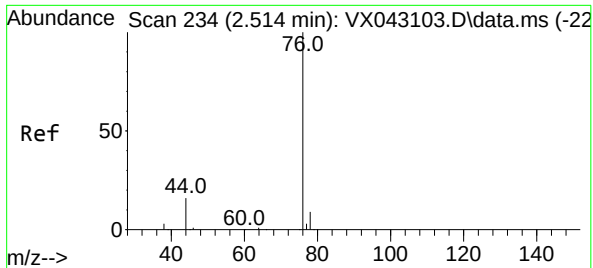
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#16
Acetone
Concen: 220.086 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion: 43 Resp: 207861
Ion Ratio Lower Upper
43 100
58 28.9 22.6 34.0





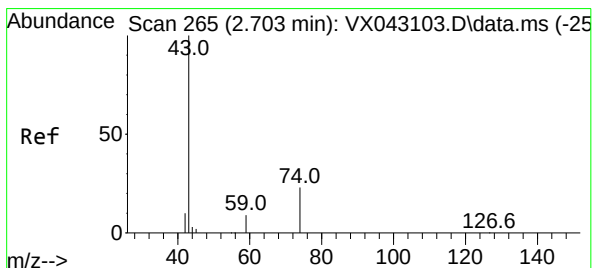
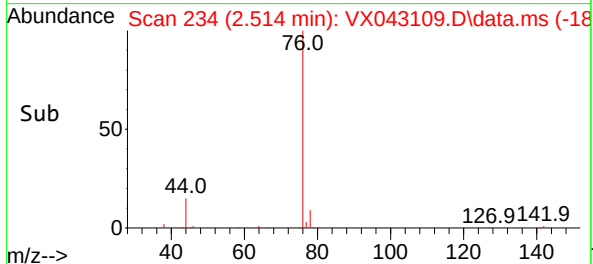
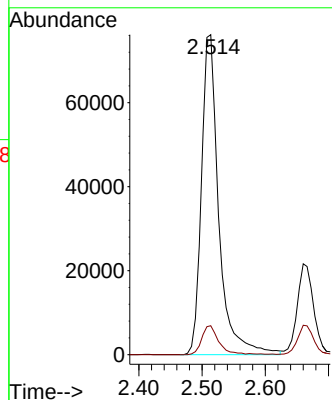
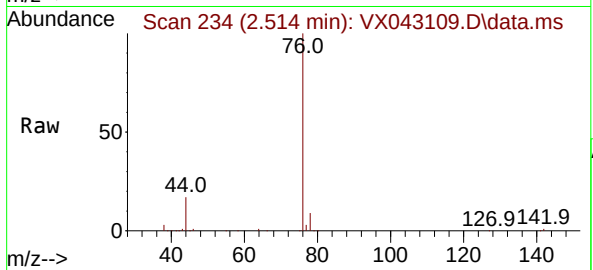
#17
Carbon Disulfide
Concen: 45.406 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 14543
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

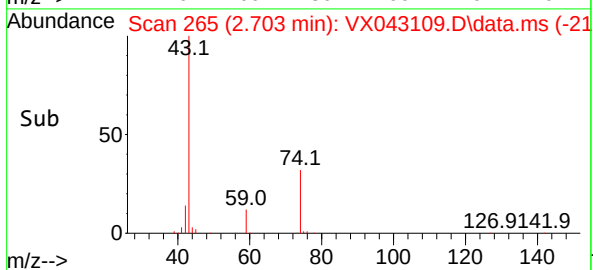
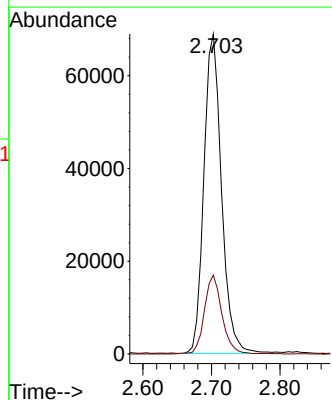
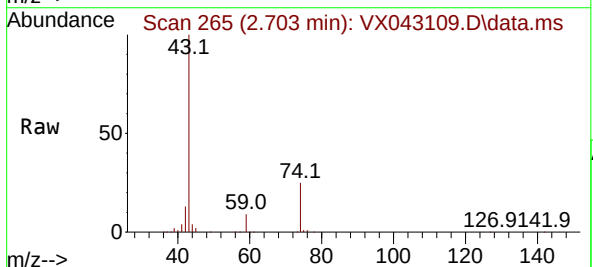
Manual Integrations
APPROVED

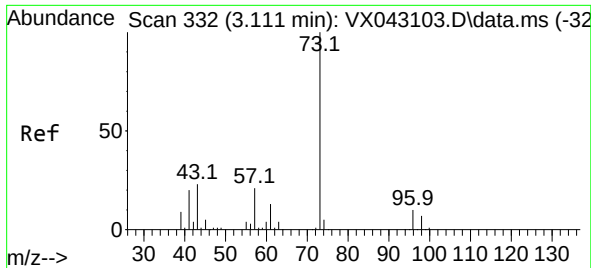
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#18
Methyl Acetate
Concen: 48.707 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

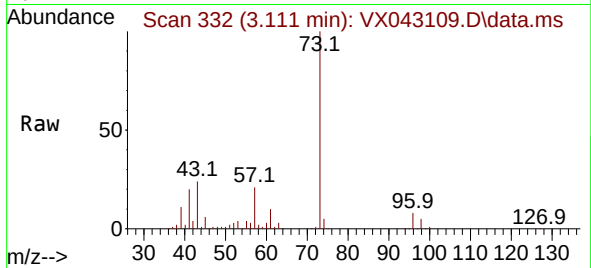
Tgt Ion: 43 Resp: 123814
Ion Ratio Lower Upper
43 100
74 24.5 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 47.101 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

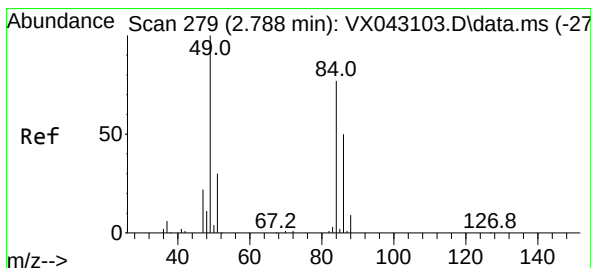
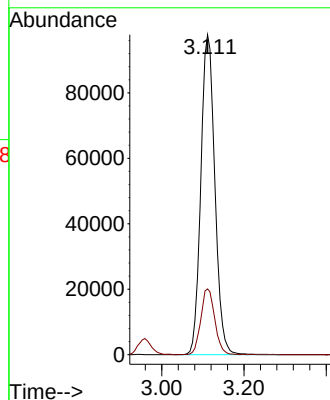
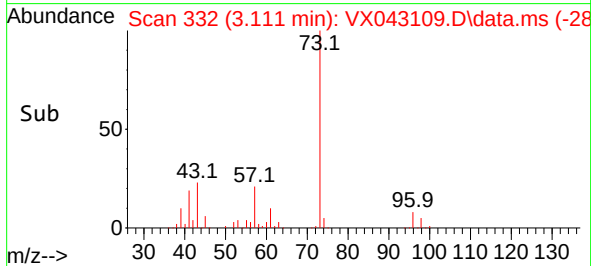
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 23125
Ion Ratio Lower Upper
73 100
57 20.6 17.0 25.4

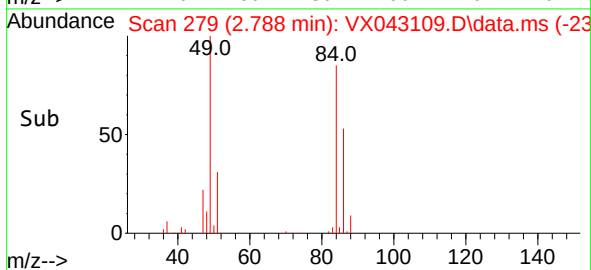
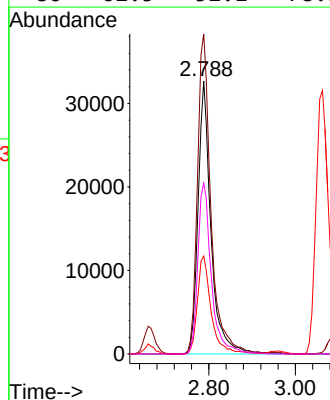
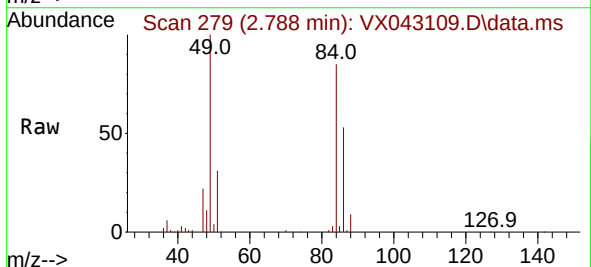
Manual Integrations
APPROVED

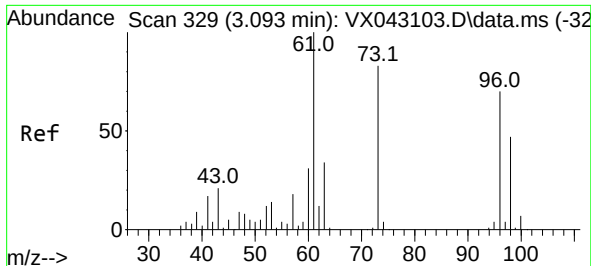
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#20
Methylene Chloride
Concen: 45.001 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion: 84 Resp: 67618
Ion Ratio Lower Upper
84 100
49 117.2 104.1 156.1
51 35.9 31.1 46.7
86 62.5 52.1 78.1





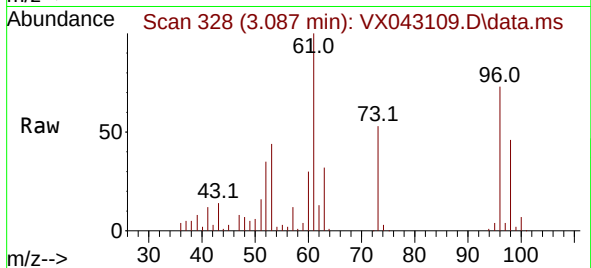
#21
trans-1,2-Dichloroethene
Concen: 46.594 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



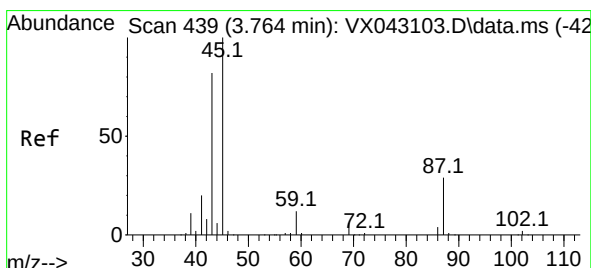
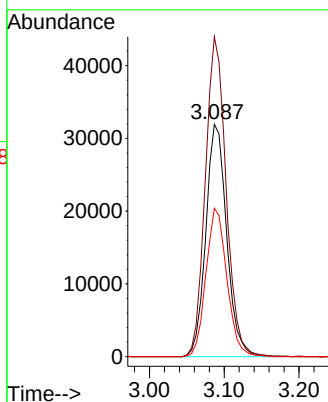
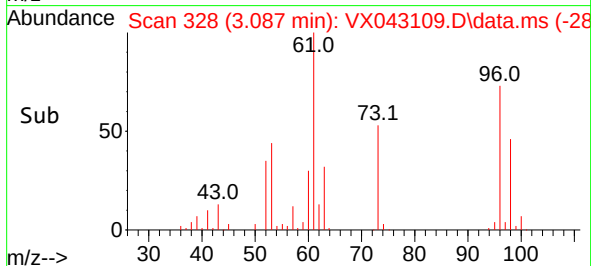
Tgt Ion: 96 Resp: 62124
Ion Ratio Lower Upper
96 100
61 137.6 114.5 171.7
98 63.8 53.8 80.6

Manual Integrations

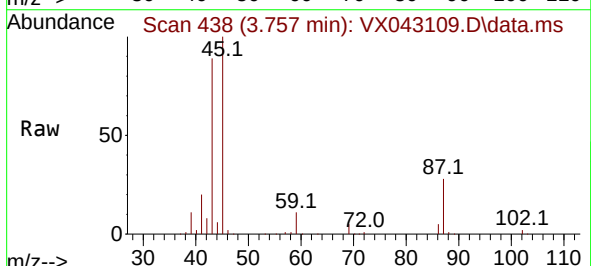
APPROVED

Reviewed By :John Carlone 09/25/2024

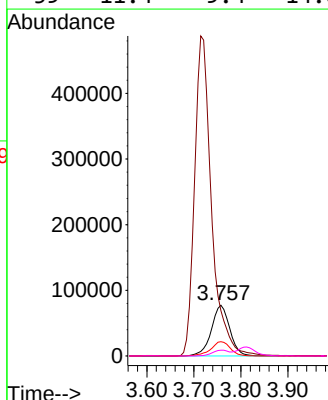
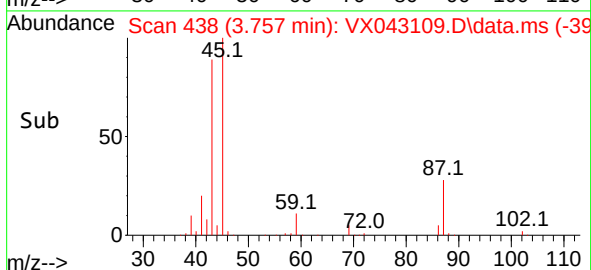
Supervised By :Mahesh Dadoda 09/25/2024

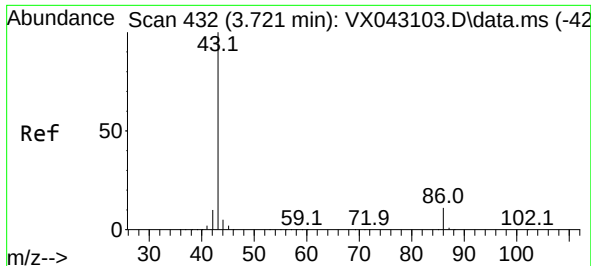


#22
Diisopropyl ether
Concen: 47.002 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30



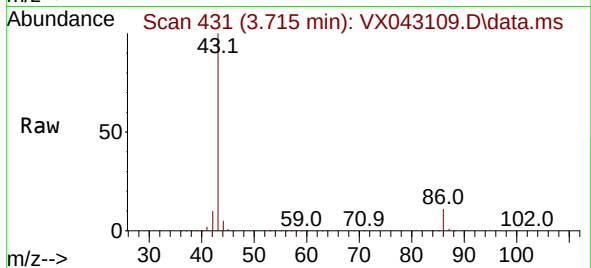
Tgt Ion: 45 Resp: 210576
Ion Ratio Lower Upper
45 100
43 88.9 65.8 98.6
87 28.1 23.1 34.7
59 11.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 233.027 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX043109.D
 Acq: 24 Sep 2024 09:30

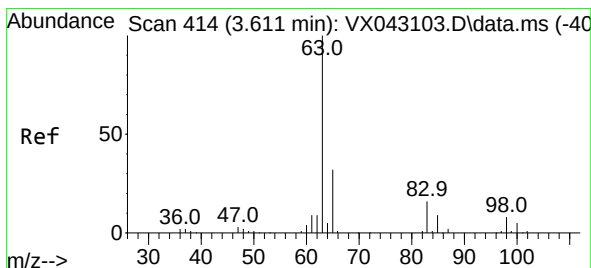
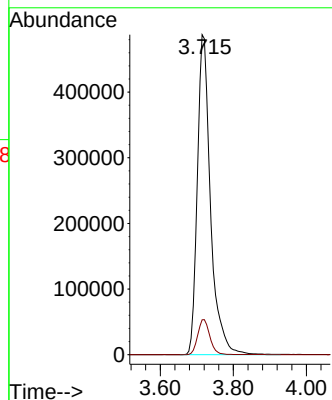
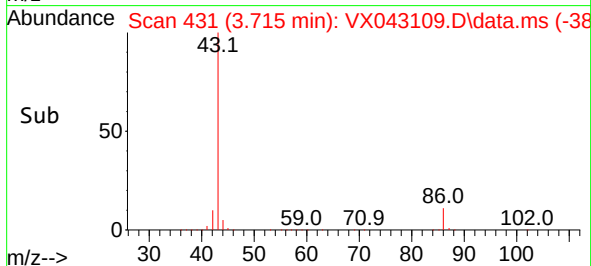
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



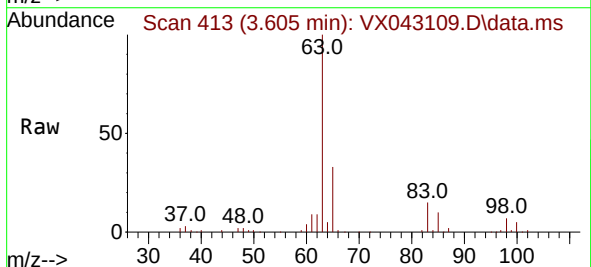
Tgt Ion: 43 Resp: 122810
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8

Manual Integrations
 APPROVED

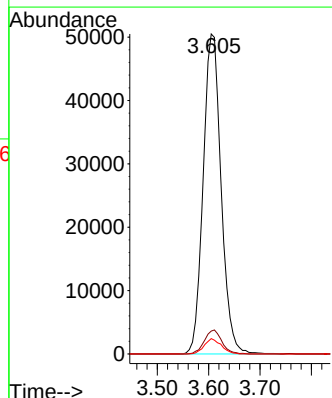
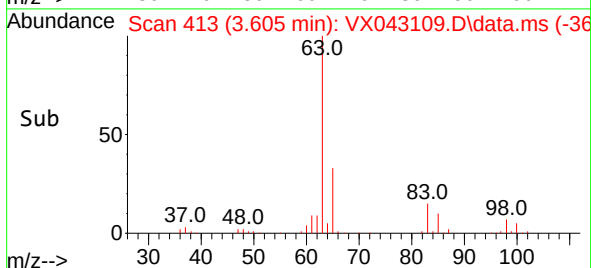
Reviewed By :John Carlone 09/25/2024
 Supervised By :Mahesh Dadoda 09/25/2024

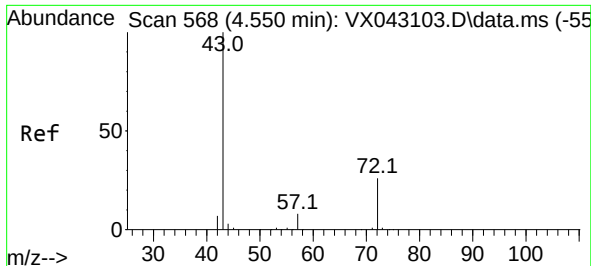


#24
 1,1-Dichloroethane
 Concen: 47.244 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX043109.D
 Acq: 24 Sep 2024 09:30



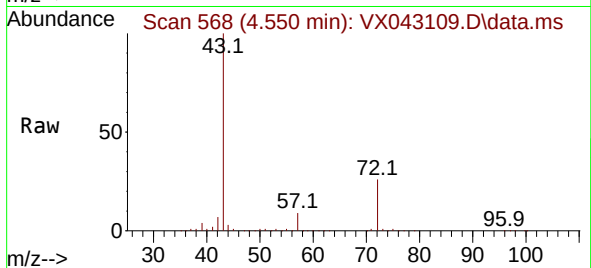
Tgt Ion: 63 Resp: 122376
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.5
 100 4.8 2.5 7.6





#25
2-Butanone
Concen: 225.694 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

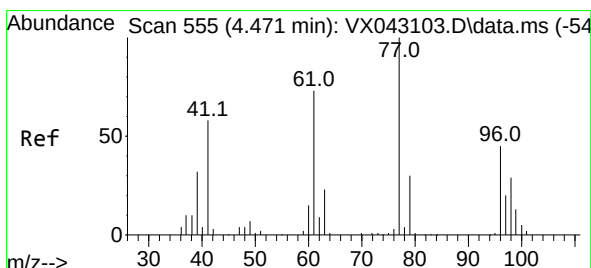
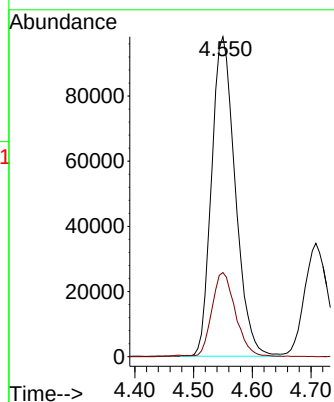
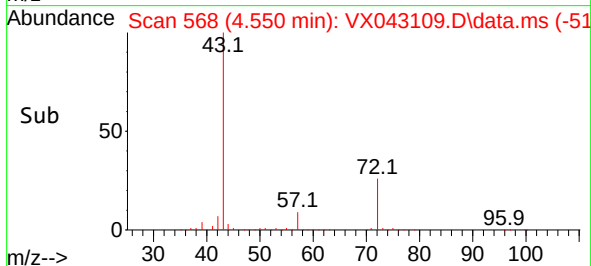
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 274774
Ion Ratio Lower Upper
43 100
72 26.2 20.7 31.1

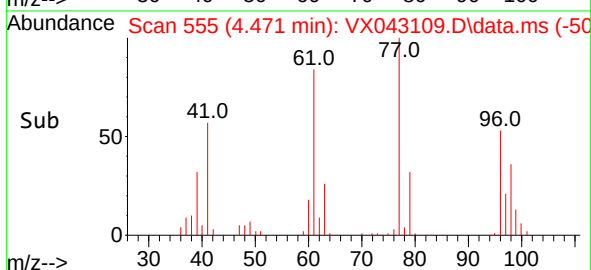
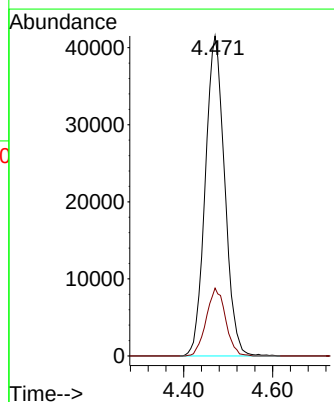
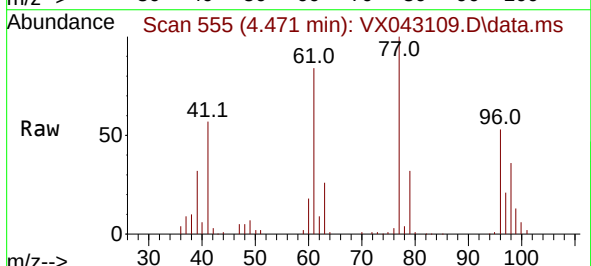
Manual Integrations
APPROVED

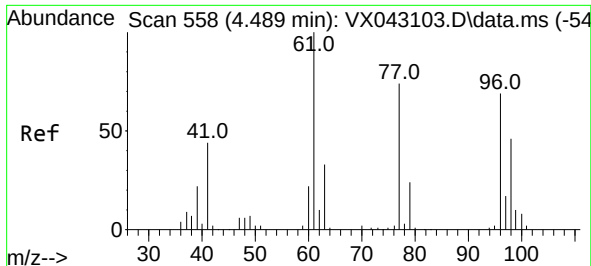
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#26
2,2-Dichloropropane
Concen: 48.068 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion: 77 Resp: 126019
Ion Ratio Lower Upper
77 100
97 21.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.086 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

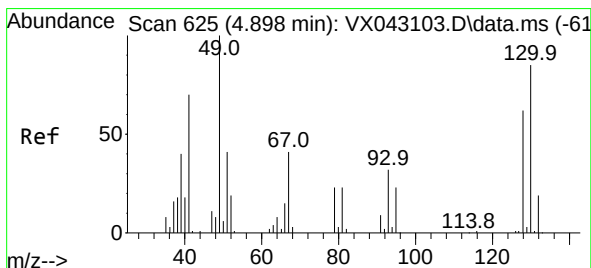
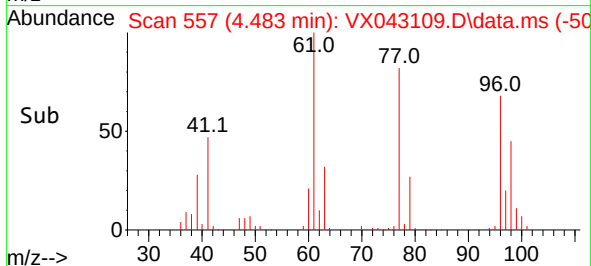
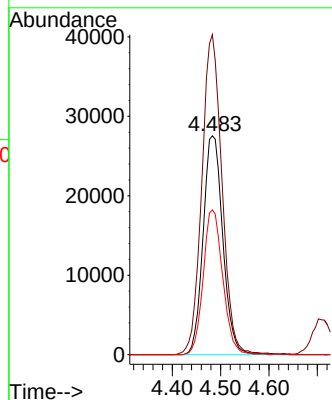
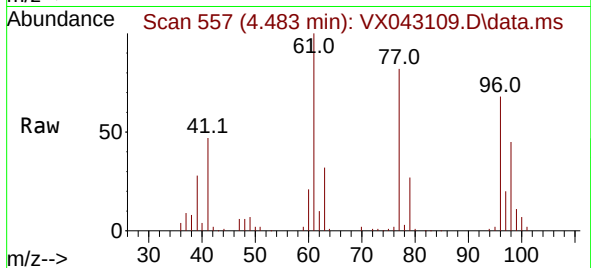
Tgt Ion: 96	Resp: 78154
Ion Ratio	Lower Upper
96 100	
61 149.2	0.0 297.8
98 65.2	0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#28

Bromochloromethane

Concen: 43.562 ug/l

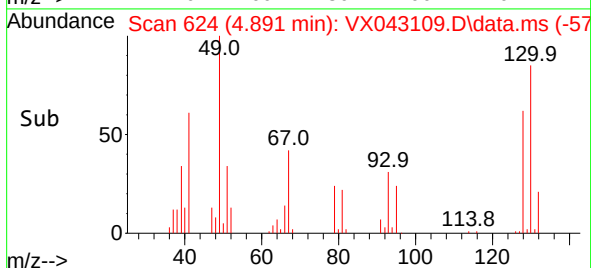
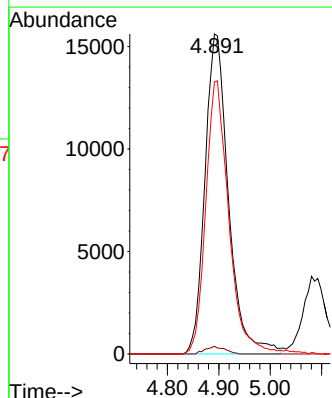
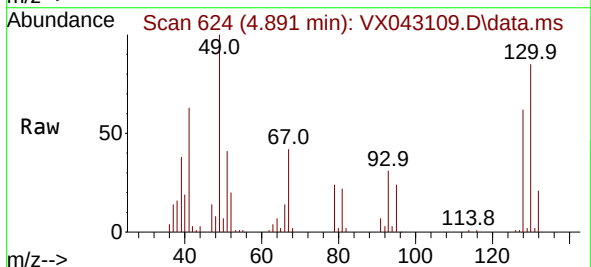
RT: 4.891 min Scan# 624

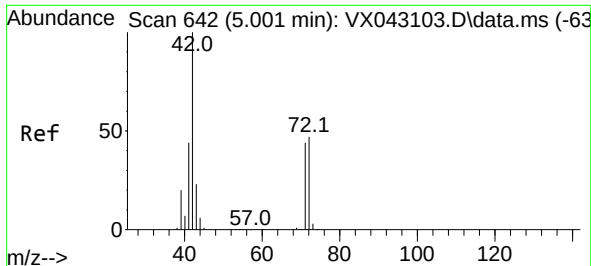
Delta R.T. -0.006 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Tgt Ion: 49	Resp: 49671
Ion Ratio	Lower Upper
49 100	
129 2.0	0.0 4.2
130 83.8	66.6 100.0





#29

Tetrahydrofuran

Concen: 222.033 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16256

Ion Ratio Lower Upper

42 100

72 47.3 37.6 56.4

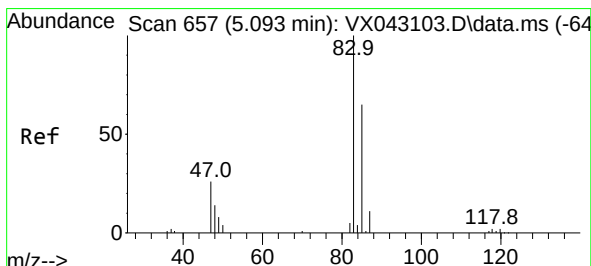
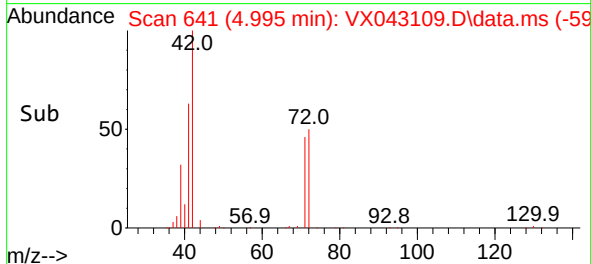
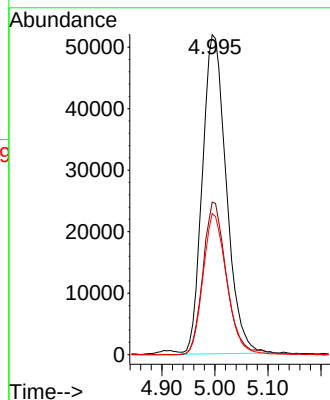
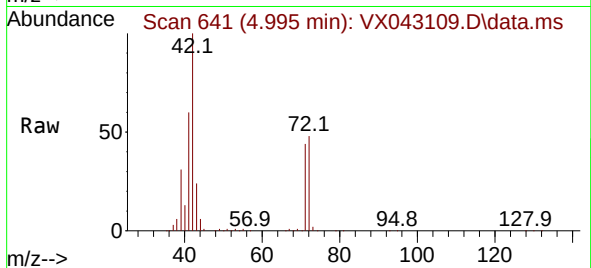
71 43.9 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#30

Chloroform

Concen: 46.366 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX043109.D

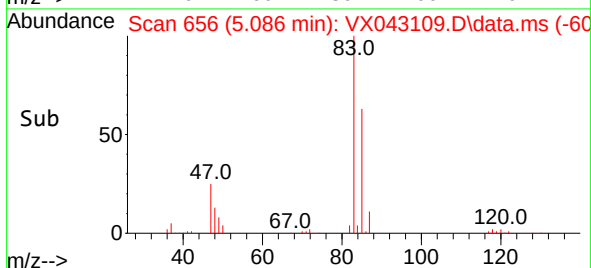
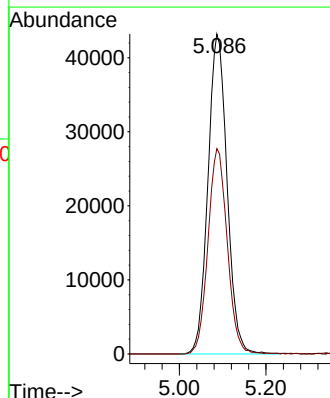
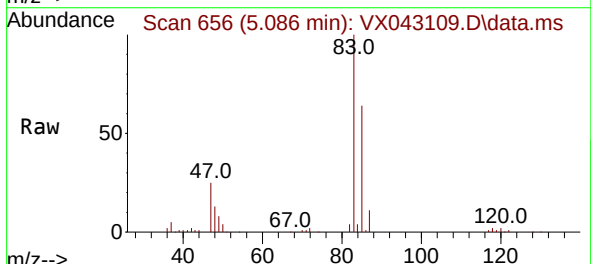
Acq: 24 Sep 2024 09:30

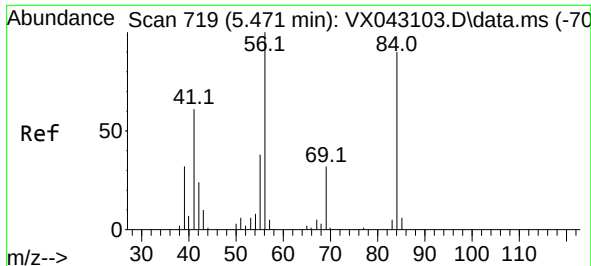
Tgt Ion: 83 Resp: 132423

Ion Ratio Lower Upper

83 100

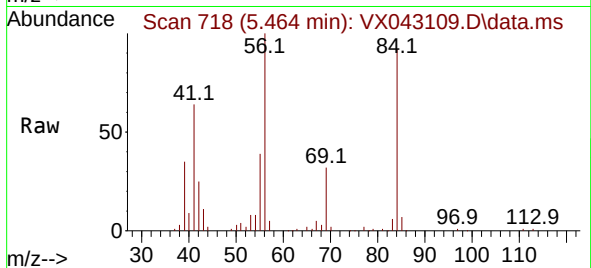
85 64.2 52.4 78.6





#31
Cyclohexane
Concen: 47.123 ug/l
RT: 5.464 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

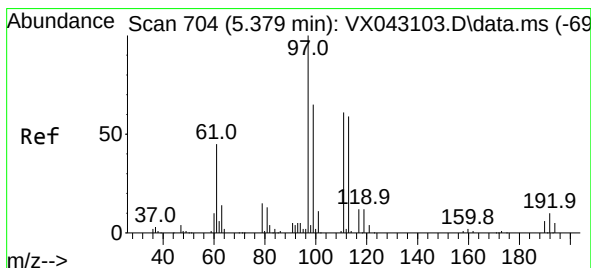
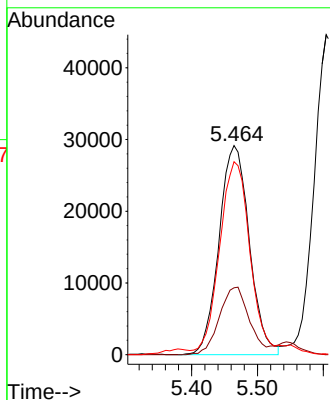
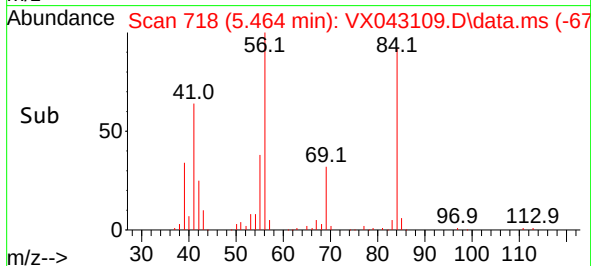
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 93590
Ion Ratio Lower Upper
56 100
69 32.0 25.8 38.6
84 89.5 72.4 108.6

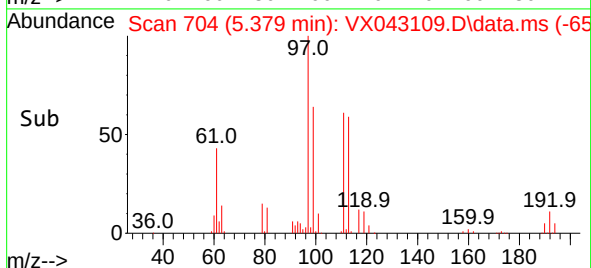
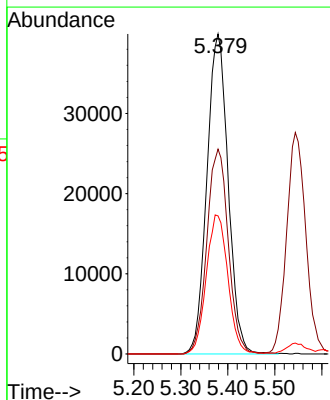
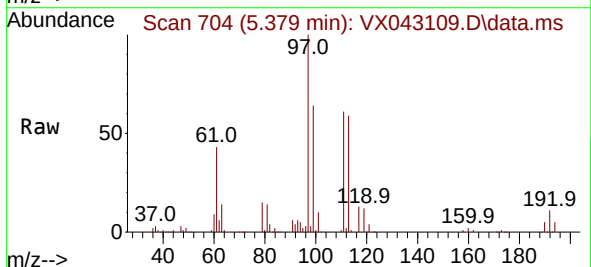
Manual Integrations
APPROVED

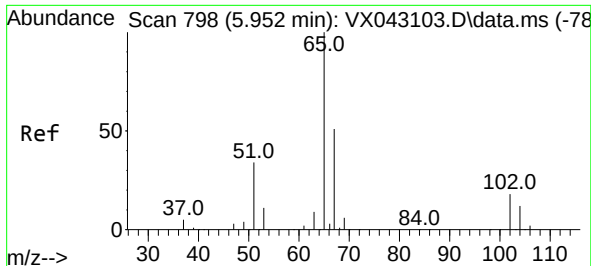
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#32
1,1,1-Trichloroethane
Concen: 46.254 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion: 97 Resp: 125137
Ion Ratio Lower Upper
97 100
99 64.7 51.2 76.8
61 44.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.459 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 93825

Ion Ratio Lower Upper

65 100

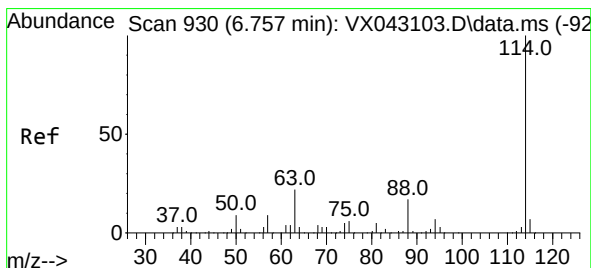
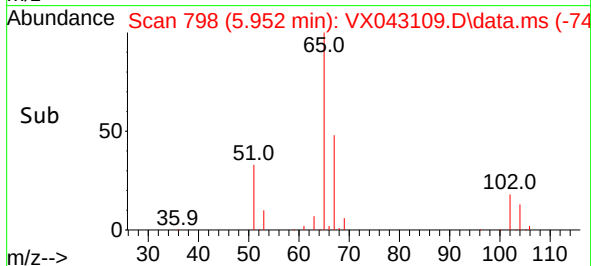
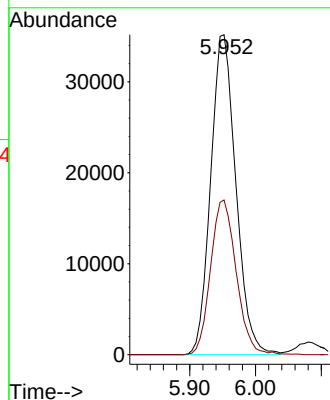
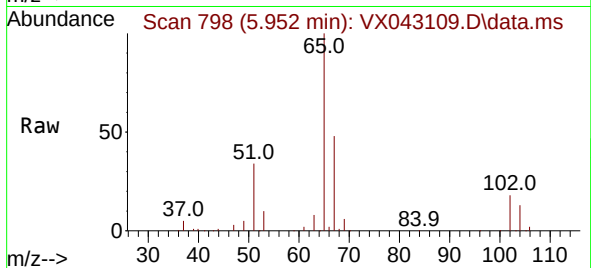
67 49.2 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

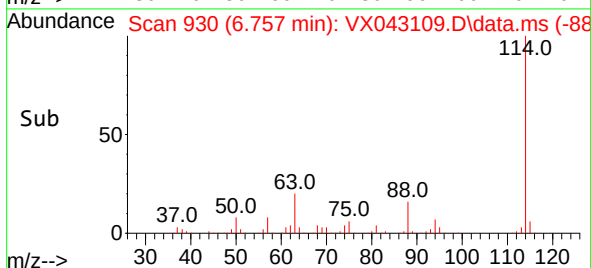
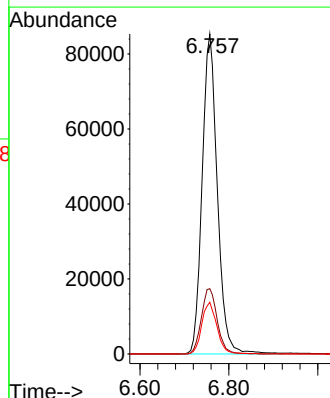
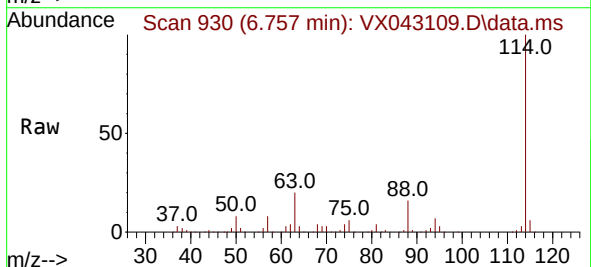
Tgt Ion:114 Resp: 202781

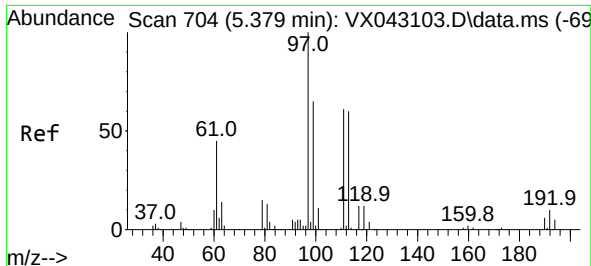
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.153 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 7031

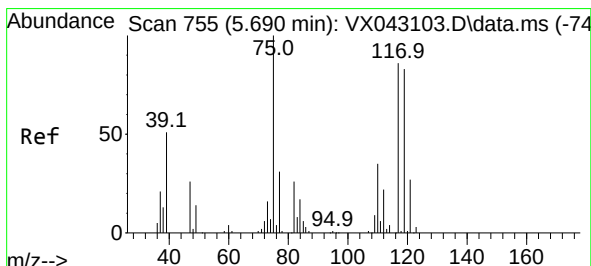
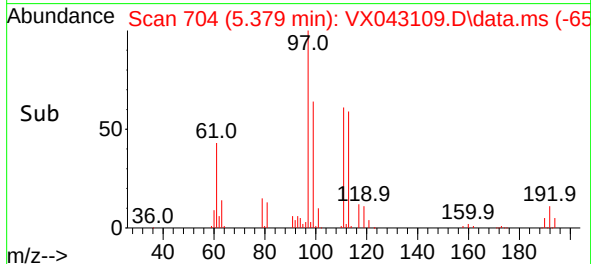
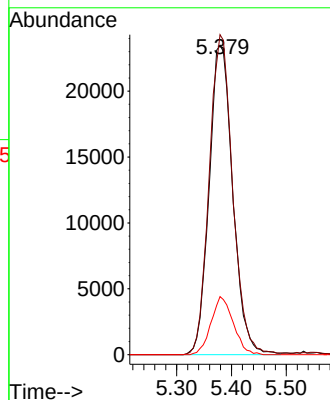
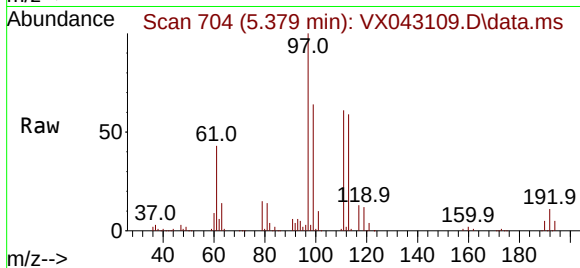
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	17.7	14.6	22.0

Manual Integrations

APPROVED

Reviewed By : John Carlone 09/25/2024

Supervised By : Mahesh Dadoda 09/25/2024



#36

1,1-Dichloropropene

Concen: 49.271 ug/l

RT: 5.690 min Scan# 755

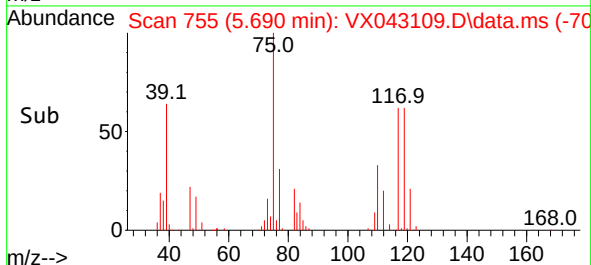
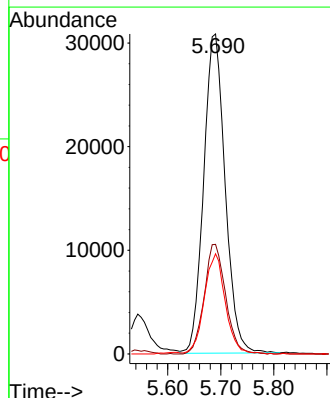
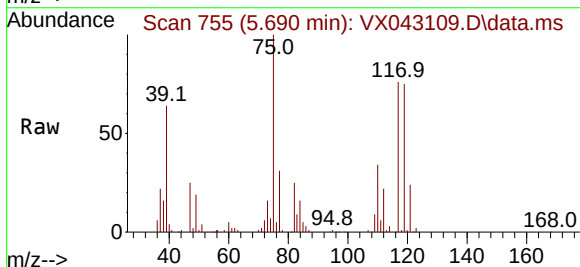
Delta R.T. -0.000 min

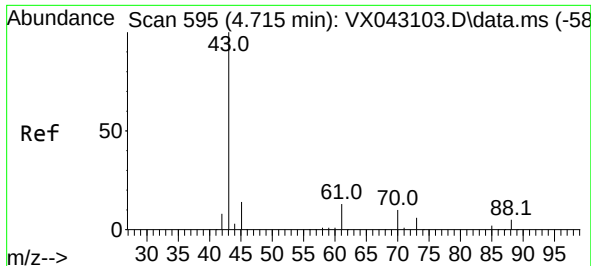
Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Tgt Ion: 75 Resp: 86605

Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.8	53.4
77	30.7	25.2	37.8





#37

Ethyl Acetate

Concen: 45.050 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

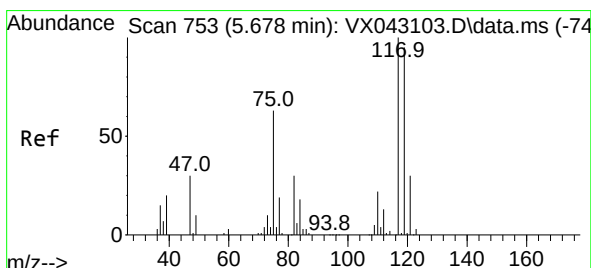
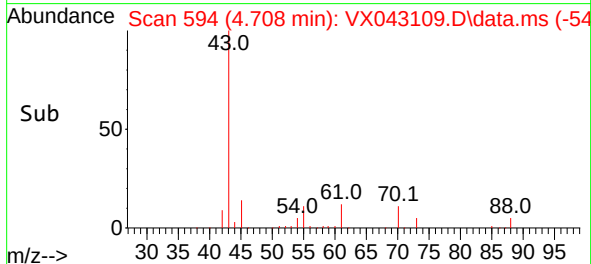
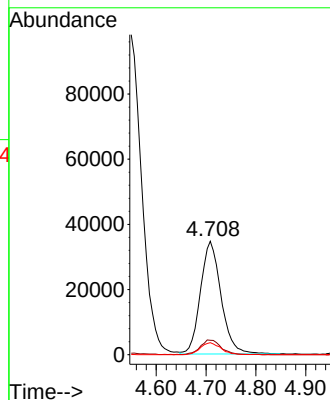
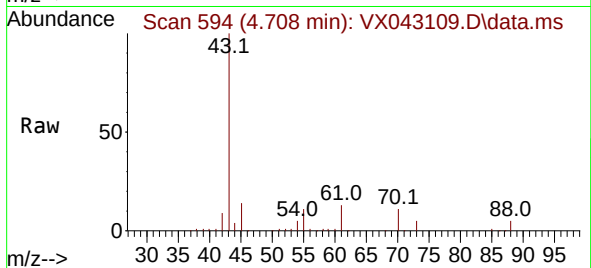
Tgt Ion: 43	Resp: 99464
Ion Ratio	Lower Upper
43 100	
61 13.2	10.9 16.3
70 10.5	8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#38

Carbon Tetrachloride

Concen: 47.948 ug/l

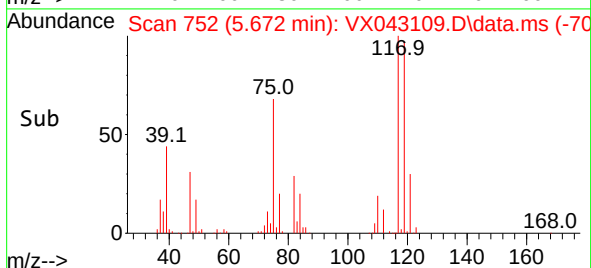
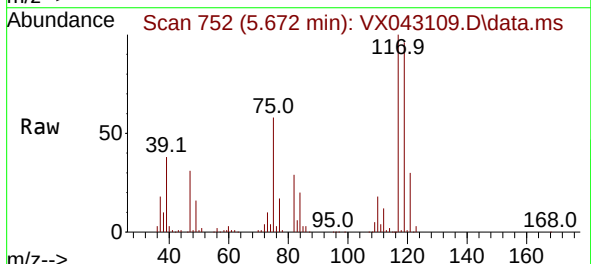
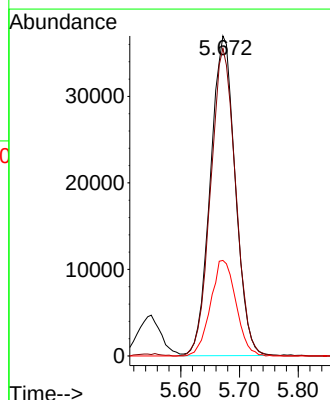
RT: 5.672 min Scan# 752

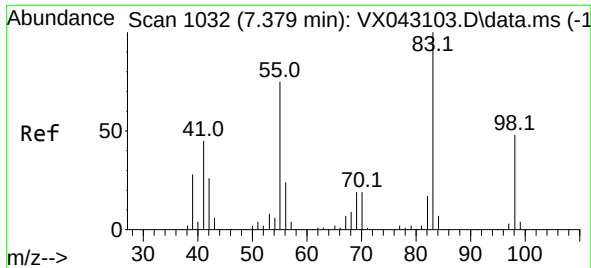
Delta R.T. -0.006 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Tgt Ion:117	Resp: 108566
Ion Ratio	Lower Upper
117 100	
119 96.1	75.5 113.3
121 29.9	24.2 36.2





#39
Methylcyclohexane
Concen: 49.163 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

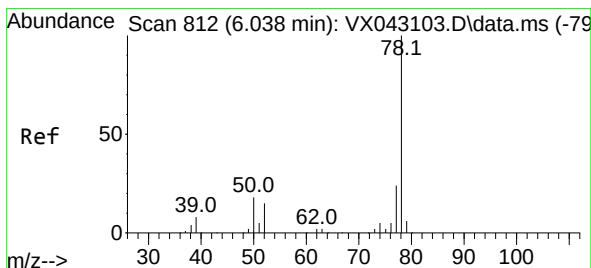
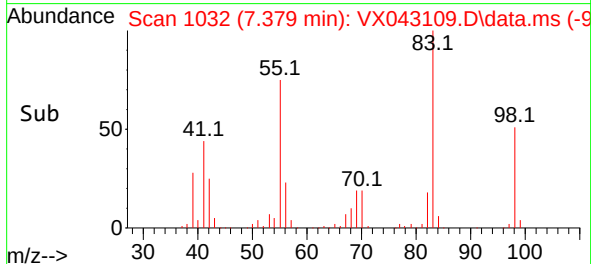
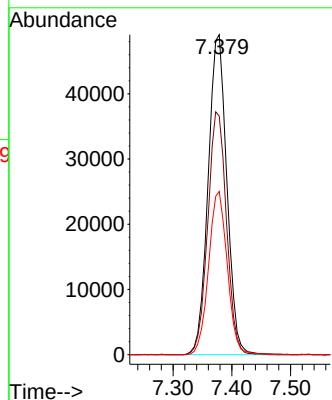
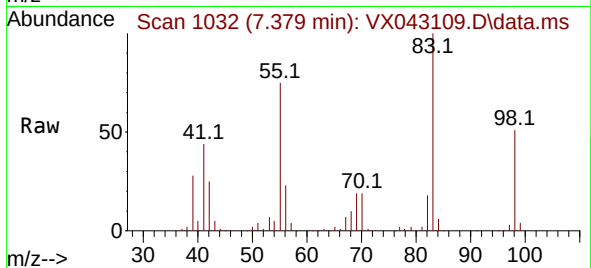
Tgt Ion: 83 Resp: 10845
Ion Ratio Lower Upper
83 100
55 74.5 60.2 90.4
98 51.0 38.6 58.0

Manual Integrations

APPROVED

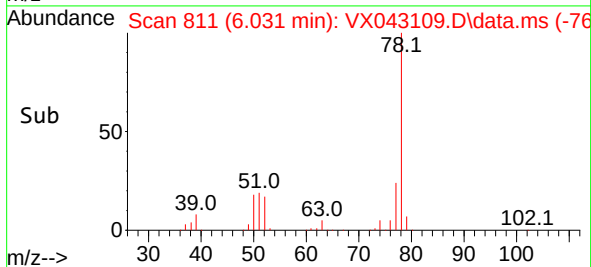
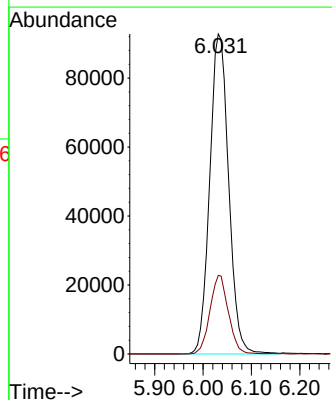
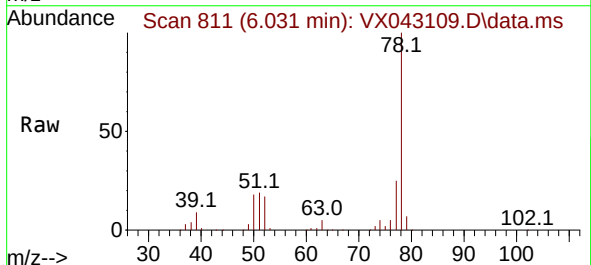
Reviewed By :John Carlone 09/25/2024

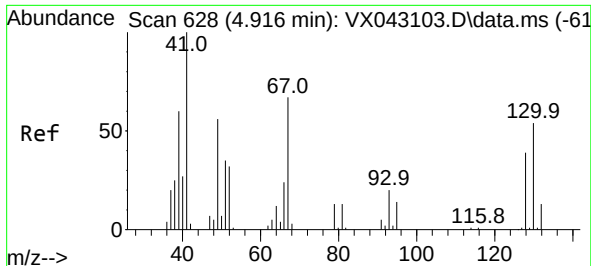
Supervised By :Mahesh Dadoda 09/25/2024



#40
Benzene
Concen: 48.619 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion: 78 Resp: 252171
Ion Ratio Lower Upper
78 100
77 24.5 19.3 28.9





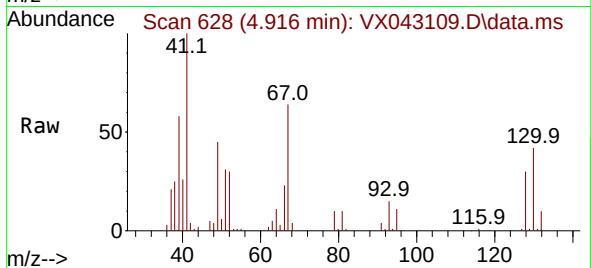
#41
Methacrylonitrile
Concen: 50.098 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



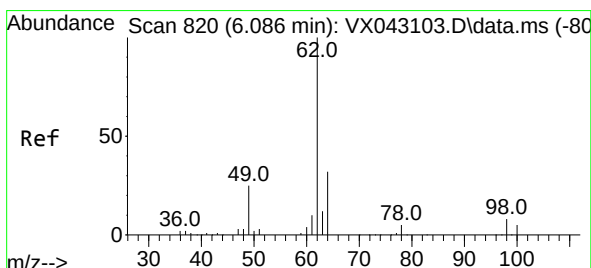
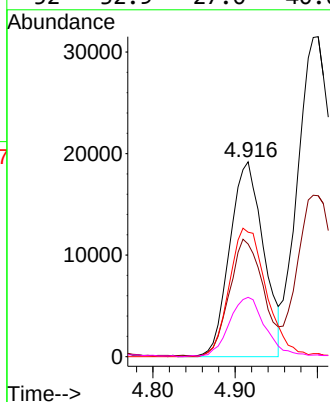
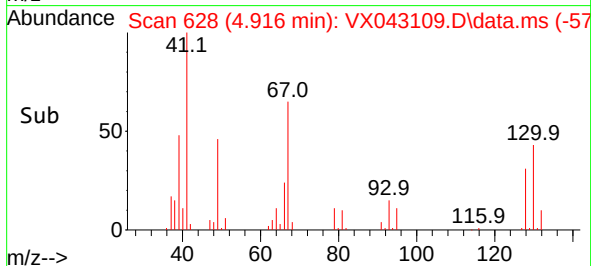
Tgt Ion: 41 Resp: 5498
Ion Ratio Lower Upper
41 100
39 59.7 46.8 70.2
67 72.4 57.0 85.6
52 32.9 27.0 40.6

Manual Integrations

APPROVED

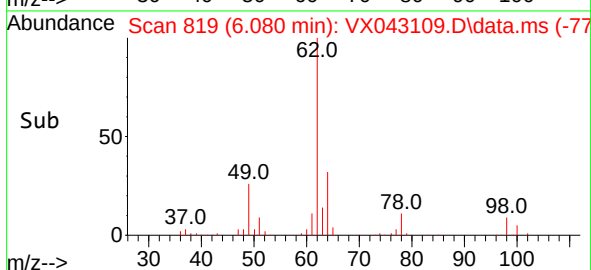
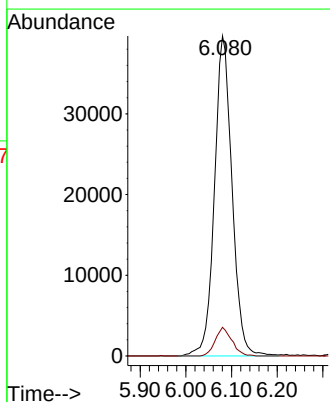
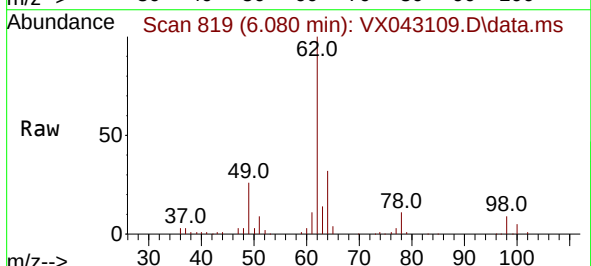
Reviewed By :John Carlone 09/25/2024

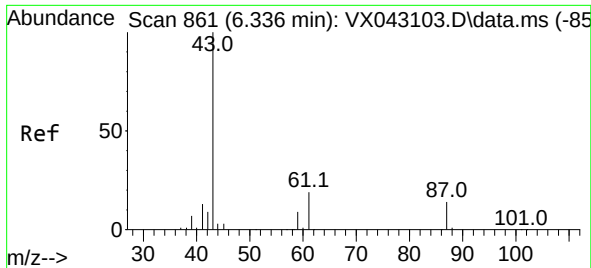
Supervised By :Mahesh Dadoda 09/25/2024



#42
1,2-Dichloroethane
Concen: 48.145 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

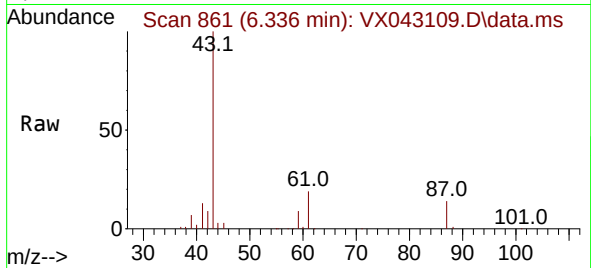
Tgt Ion: 62 Resp: 106030
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.6





#43
Isopropyl Acetate
Concen: 47.536 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

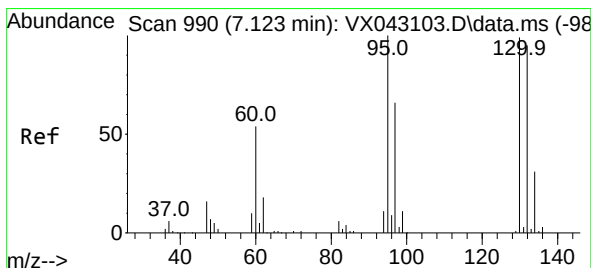
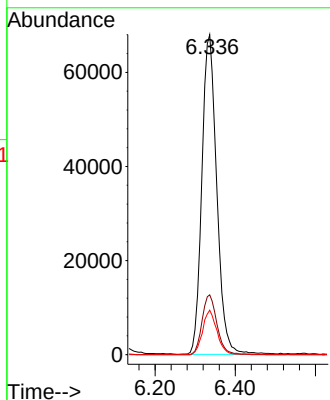
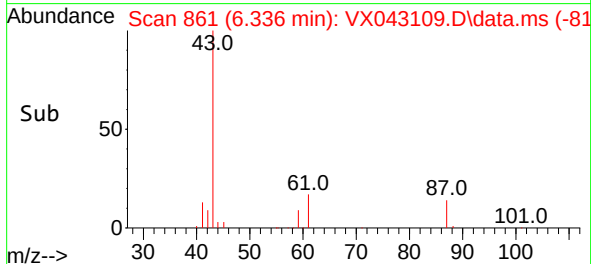
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 175300
Ion Ratio Lower Upper
43 100
61 18.6 15.0 22.6
87 13.3 10.6 16.0

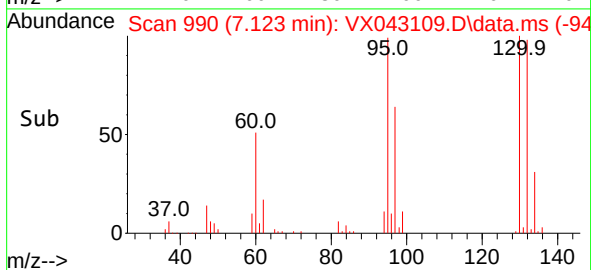
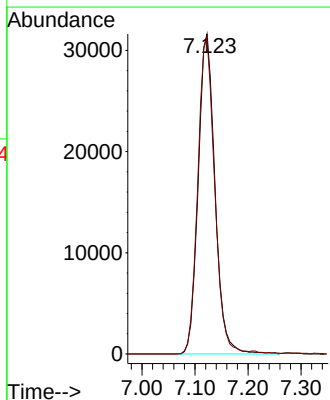
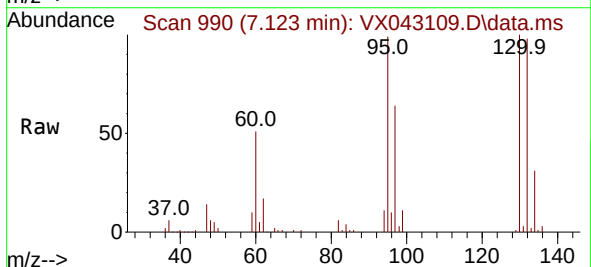
Manual Integrations
APPROVED

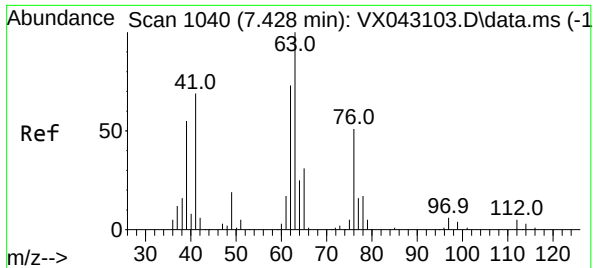
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#44
Trichloroethene
Concen: 49.034 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion:130 Resp: 69586
Ion Ratio Lower Upper
130 100
95 99.1 0.0 201.6





#45

1,2-Dichloropropane

Concen: 49.169 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 6352

Ion Ratio Lower Upper

63 100

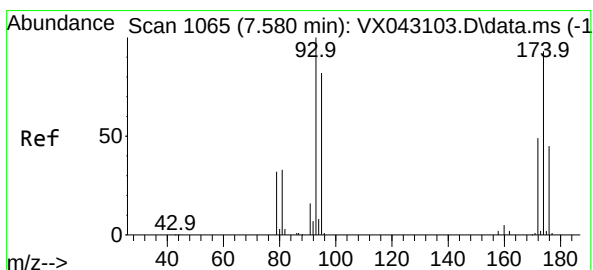
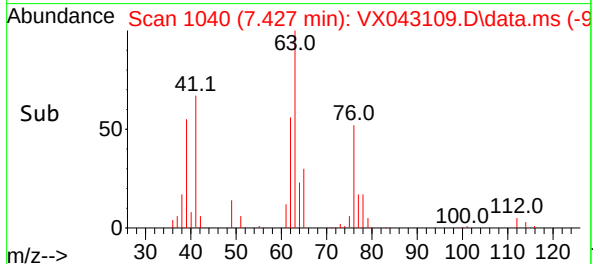
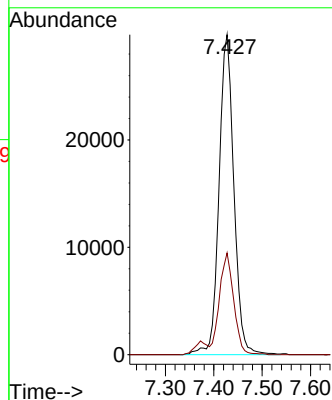
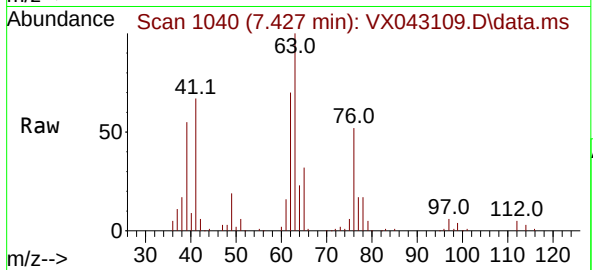
65 31.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#46

Dibromomethane

Concen: 47.963 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

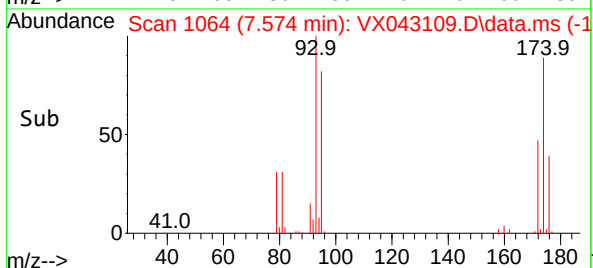
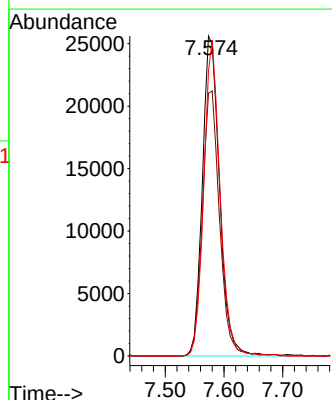
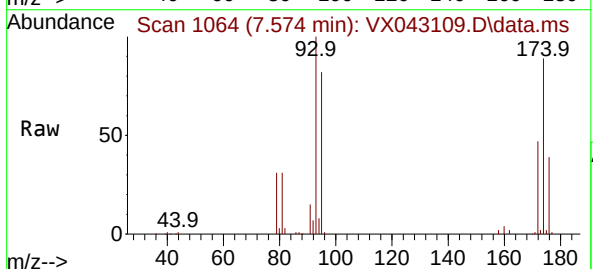
Tgt Ion: 93 Resp: 52176

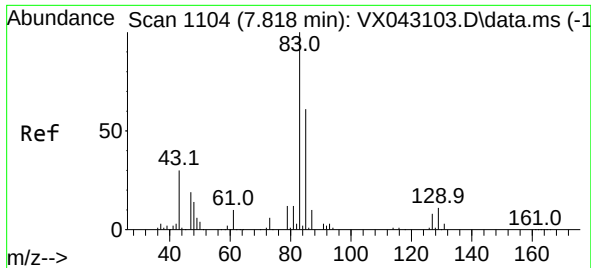
Ion Ratio Lower Upper

93 100

95 82.9 67.1 100.7

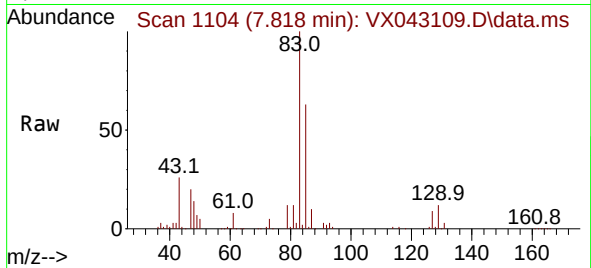
174 93.4 75.4 113.2





#47
Bromodichloromethane
Concen: 48.588 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

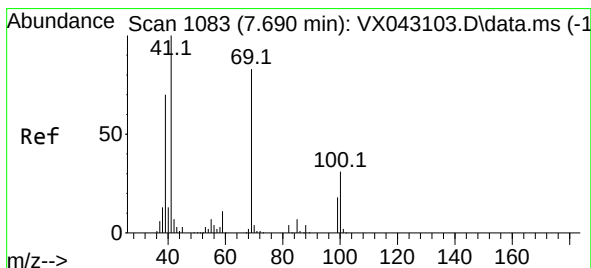
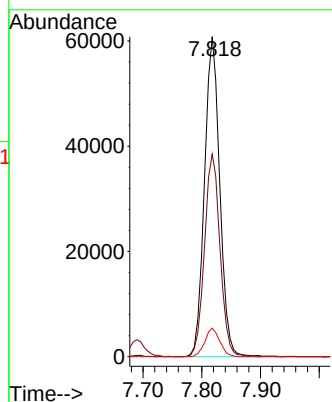
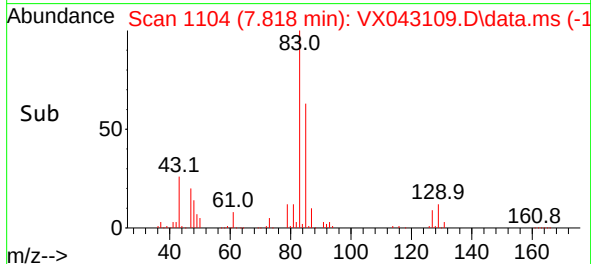
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 109908
Ion Ratio Lower Upper
83 100
85 63.4 49.1 73.7
127 8.9 6.6 9.8

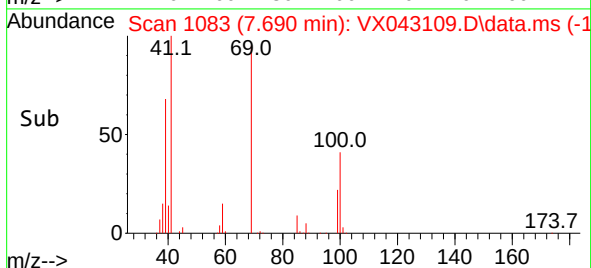
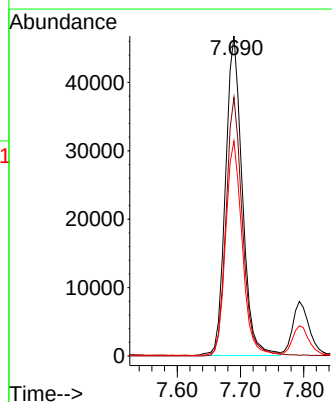
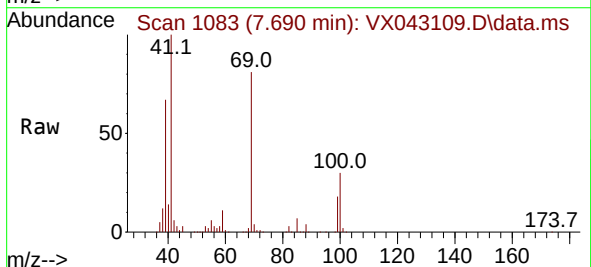
Manual Integrations
APPROVED

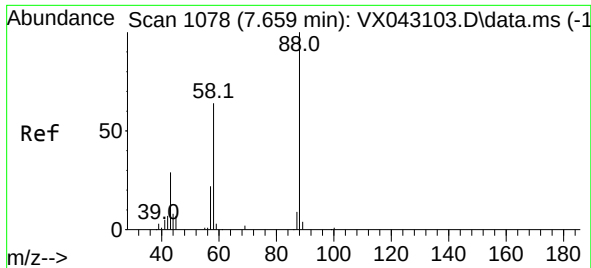
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#48
Methyl methacrylate
Concen: 47.418 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

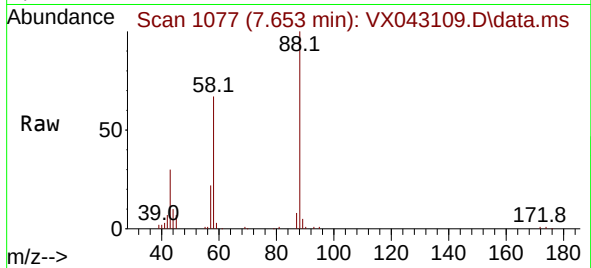
Tgt Ion: 41 Resp: 85889
Ion Ratio Lower Upper
41 100
69 79.5 65.0 97.6
39 66.5 55.0 82.6





#49
1,4-Dioxane
Concen: 1014.809 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

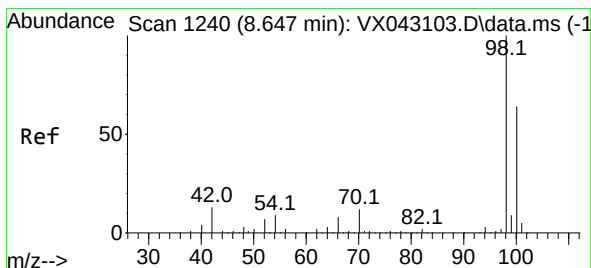
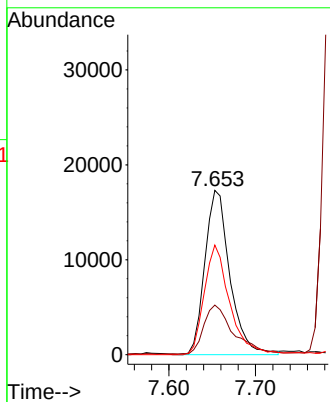
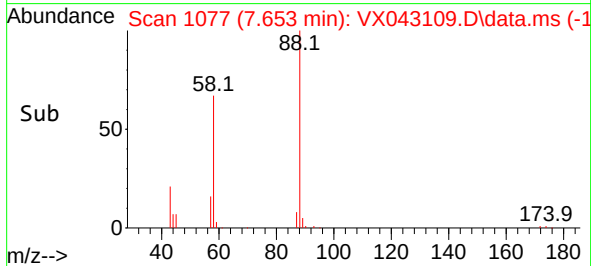
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 34700
Ion Ratio Lower Upper
88 100
43 34.9 29.5 44.3
58 67.8 52.5 78.7

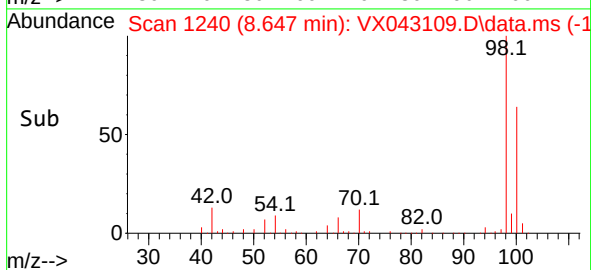
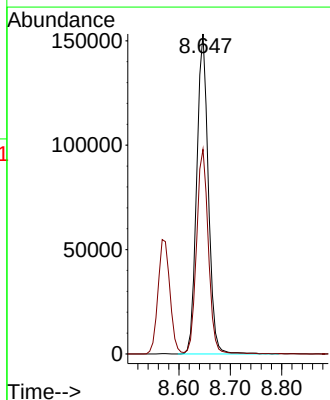
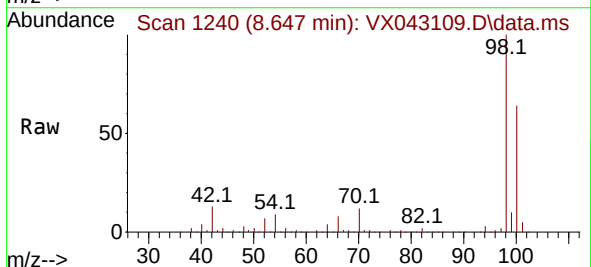
Manual Integrations
APPROVED

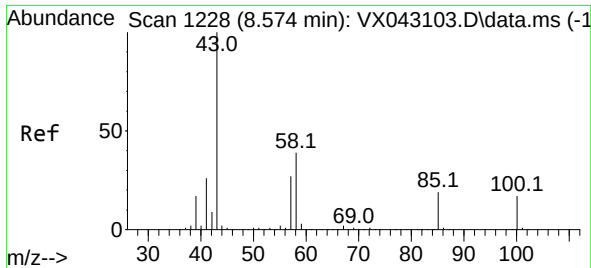
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#50
Toluene-d8
Concen: 49.712 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion: 98 Resp: 240587
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 236.949 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

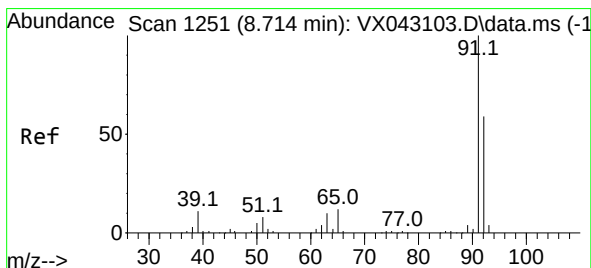
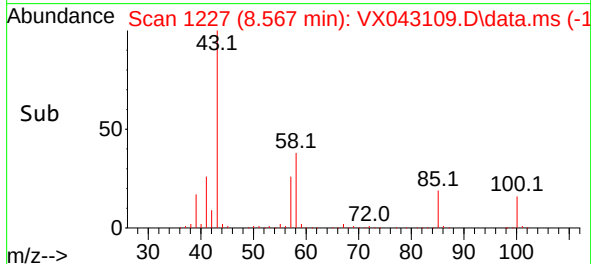
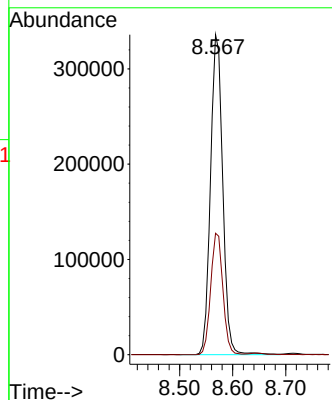
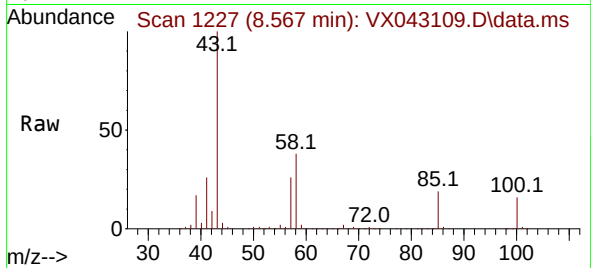
VSTDCCC050

Tgt Ion: 43 Resp: 53680
Ion Ratio Lower Upper
43 100
58 37.8 30.3 45.5

Manual Integrations

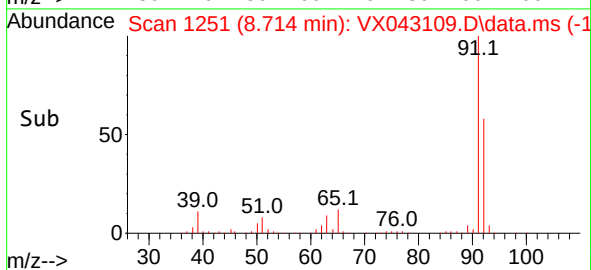
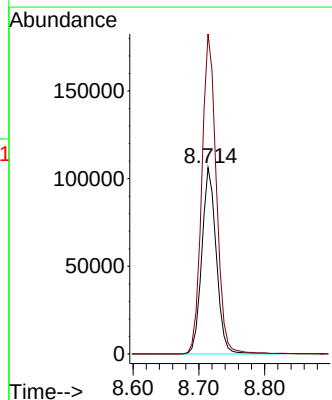
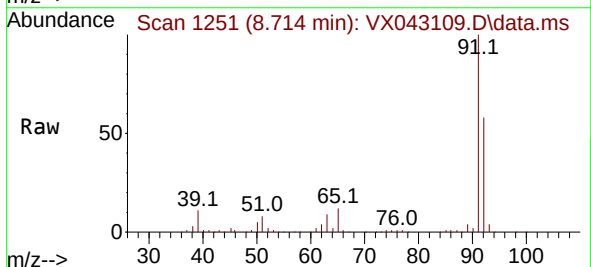
APPROVED

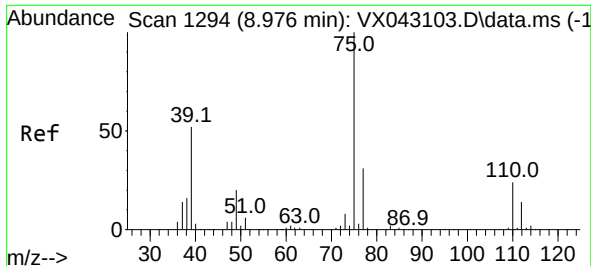
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#52
Toluene
Concen: 48.653 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion: 92 Resp: 162511
Ion Ratio Lower Upper
92 100
91 173.8 135.9 203.9





#53

t-1,3-Dichloropropene

Concen: 49.133 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 11409

Ion Ratio Lower Upper

75 100

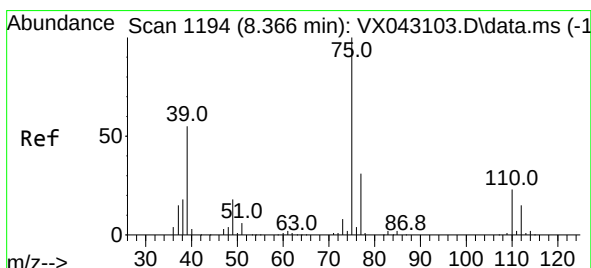
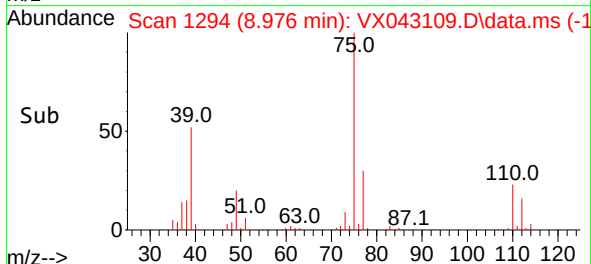
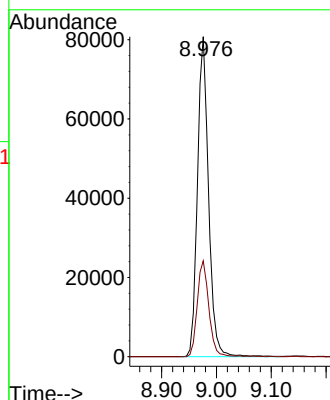
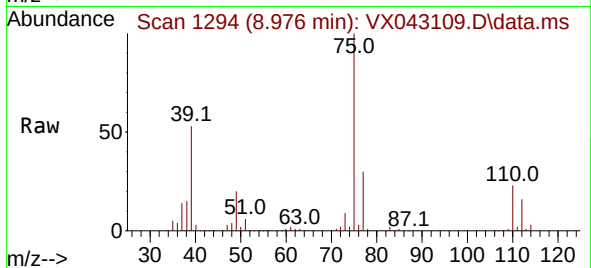
77 30.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#54

cis-1,3-Dichloropropene

Concen: 49.614 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

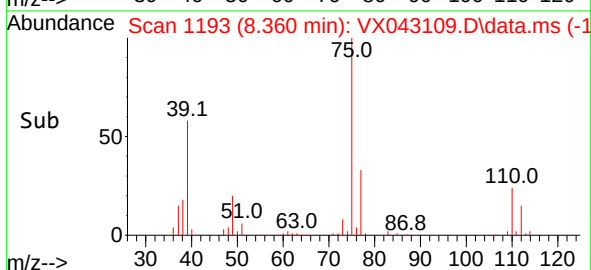
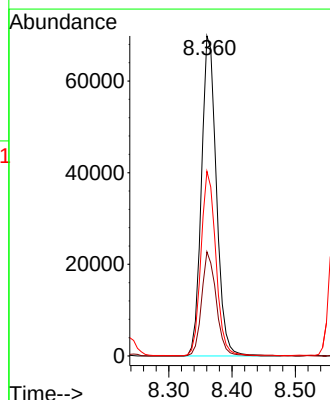
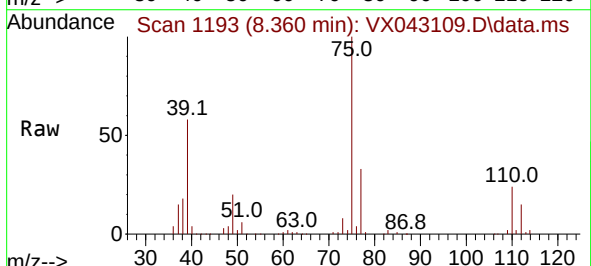
Tgt Ion: 75 Resp: 115055

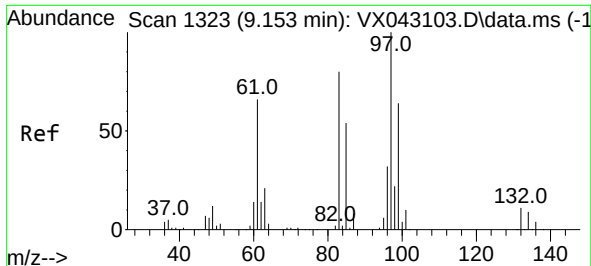
Ion Ratio Lower Upper

75 100

77 32.5 24.8 37.2

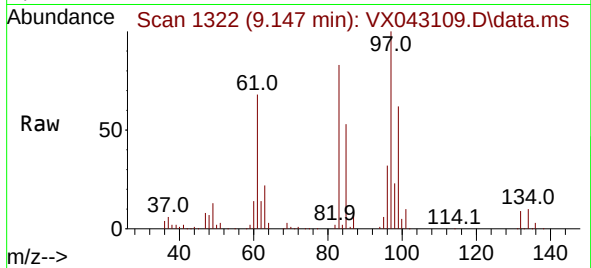
39 57.6 43.8 65.8





#55
1,1,2-Trichloroethane
Concen: 49.003 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

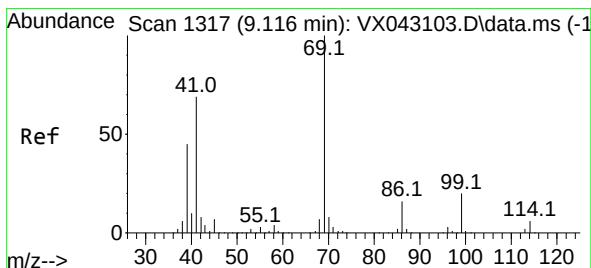
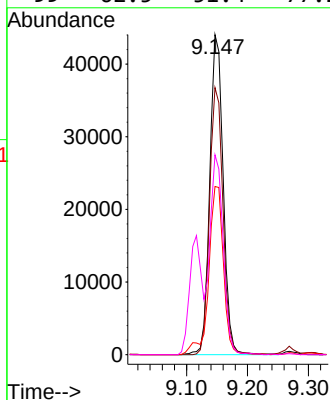
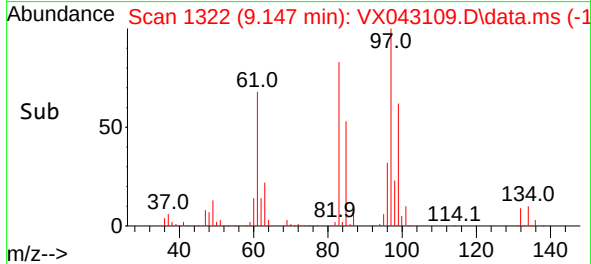
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



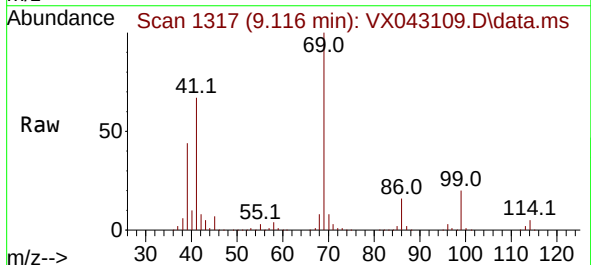
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.4	64.2	96.4
85	52.6	43.0	64.6
99	62.5	51.4	77.2

Manual Integrations
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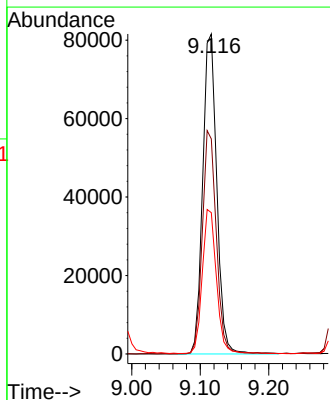
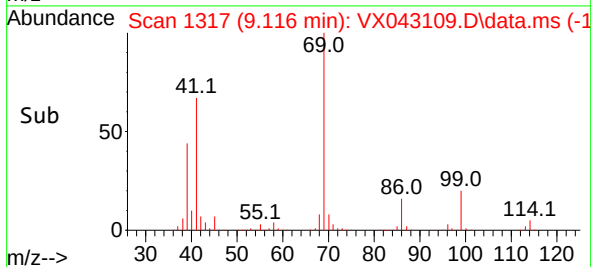
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

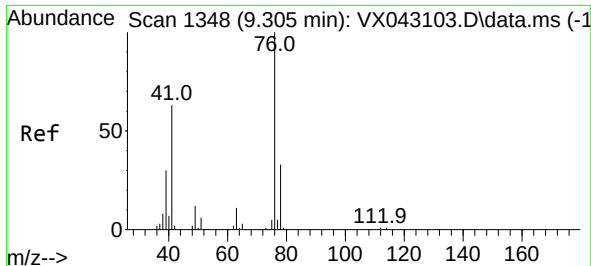


#56
Ethyl methacrylate
Concen: 48.856 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30



Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.0	55.4	83.2
39	45.5	36.3	54.5





#57

1,3-Dichloropropane

Concen: 47.965 ug/l

RT: 9.305 min Scan# 11219

Delta R.T. -0.000 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11219

Ion Ratio Lower Upper

76 100

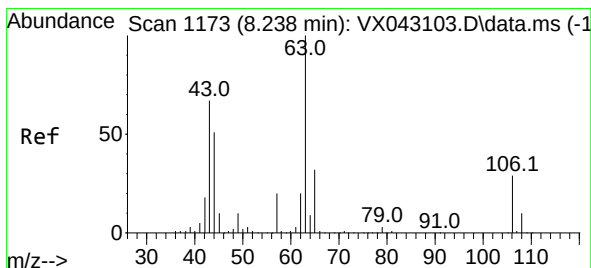
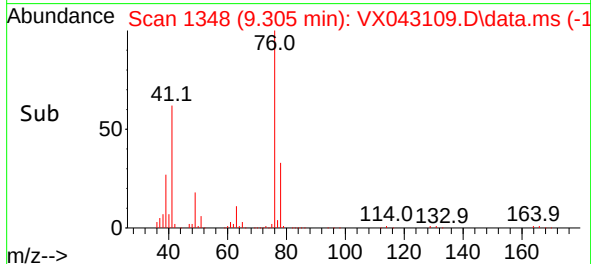
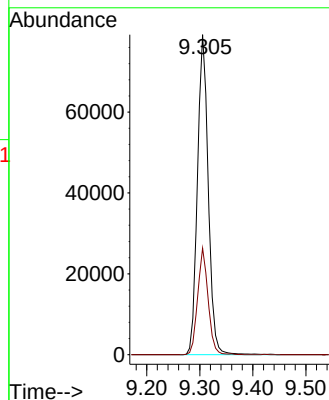
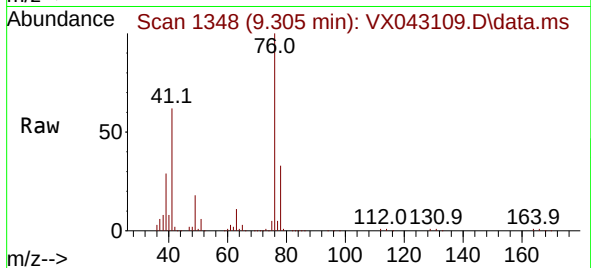
78 32.2 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#58

2-Chloroethyl Vinyl ether

Concen: 252.354 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX043109.D

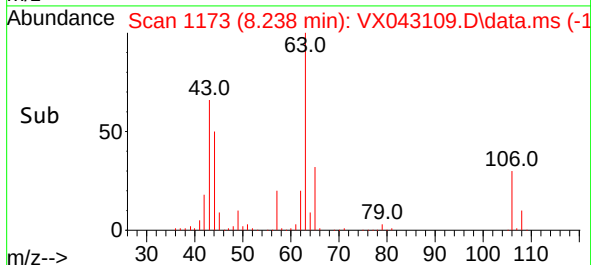
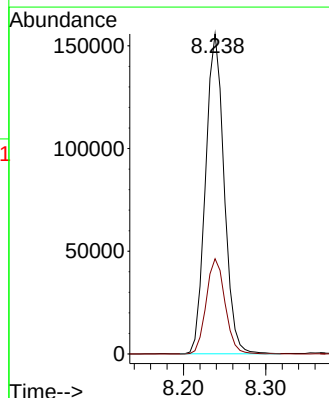
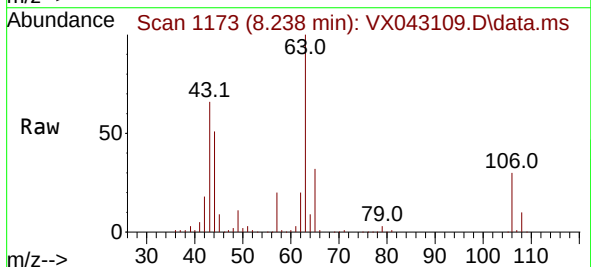
Acq: 24 Sep 2024 09:30

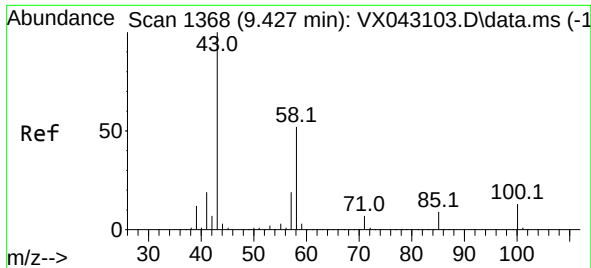
Tgt Ion: 63 Resp: 244189

Ion Ratio Lower Upper

63 100

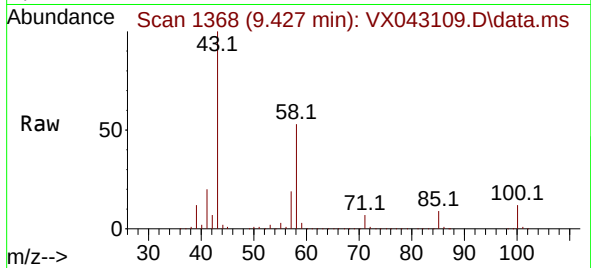
106 30.3 24.0 36.0





#59
2-Hexanone
Concen: 239.936 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

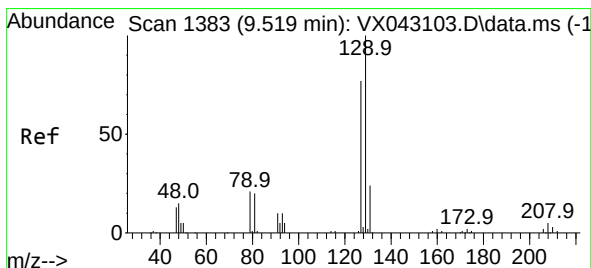
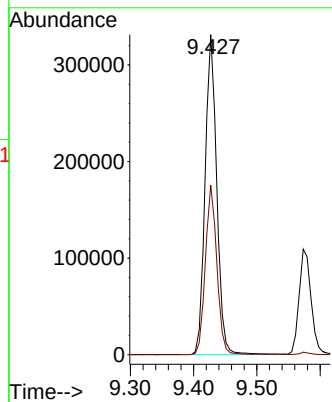
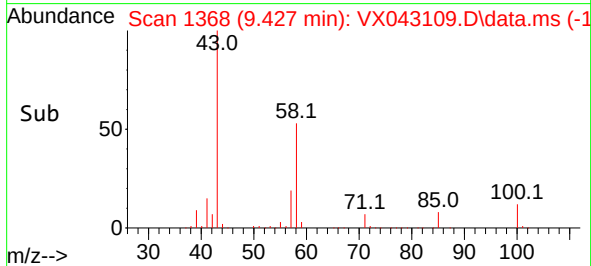
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 425030
Ion Ratio Lower Upper
43 100
58 52.7 26.1 78.2

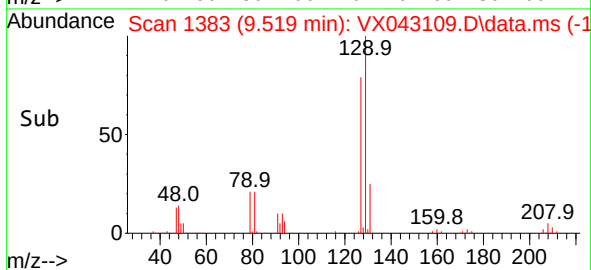
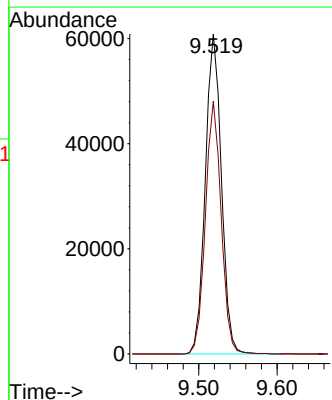
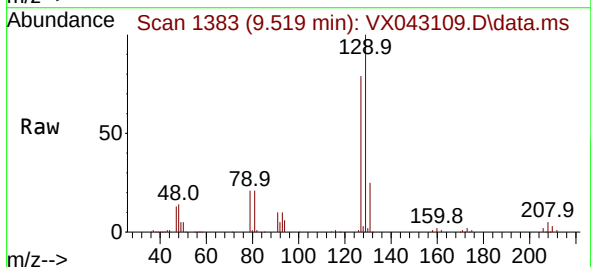
Manual Integrations
APPROVED

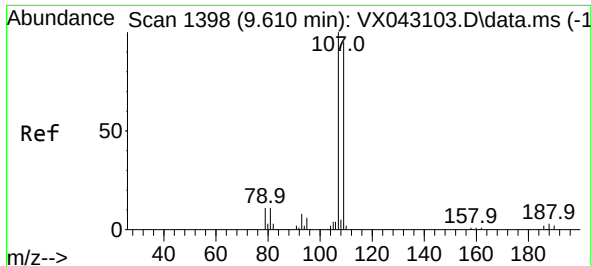
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#60
Dibromochloromethane
Concen: 48.244 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion:129 Resp: 86647
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1





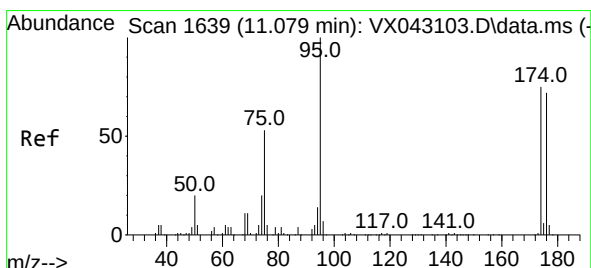
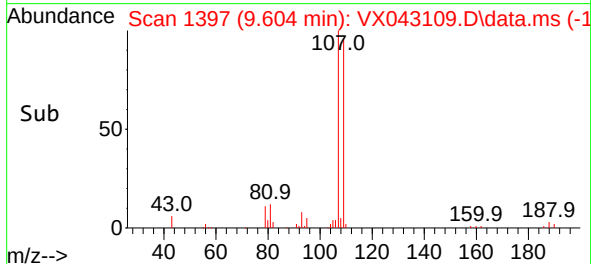
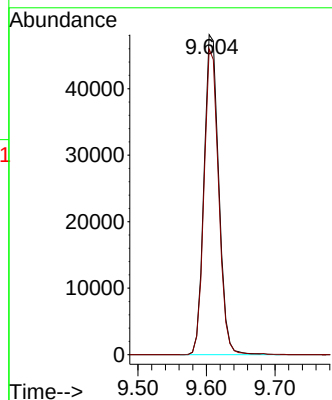
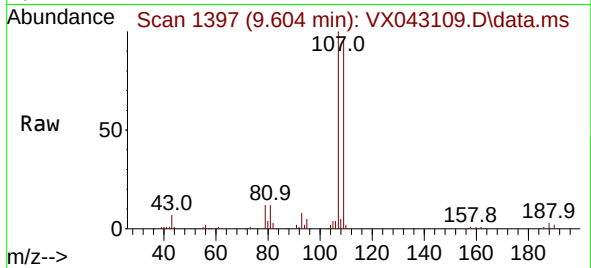
#61
1,2-Dibromoethane
Concen: 48.092 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 72369
Ion Ratio Lower Upper
107 100
109 94.5 75.1 112.7

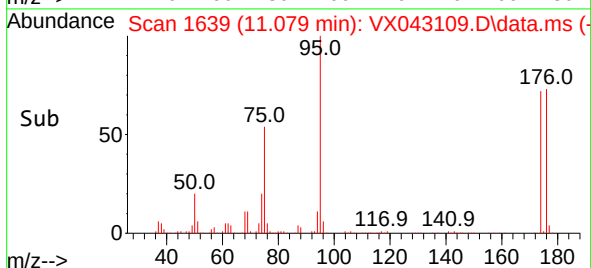
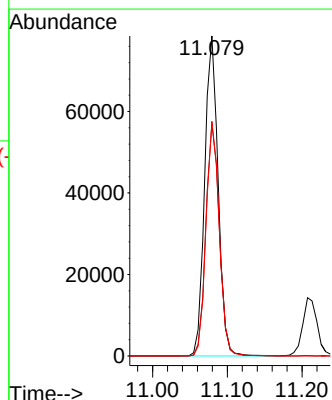
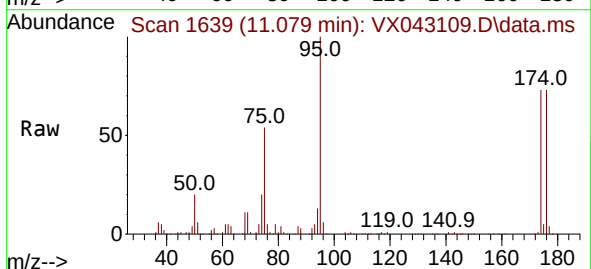
Manual Integrations
APPROVED

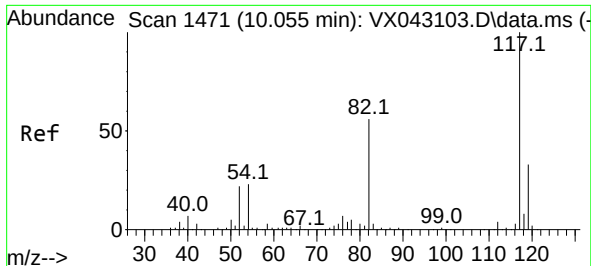
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#62
4-Bromofluorobenzene
Concen: 50.314 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

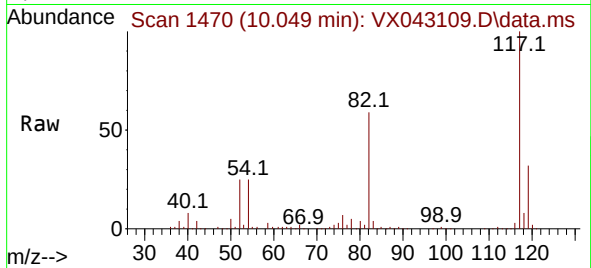
Tgt Ion: 95 Resp: 98061
Ion Ratio Lower Upper
95 100
174 72.7 0.0 146.0
176 72.0 0.0 142.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

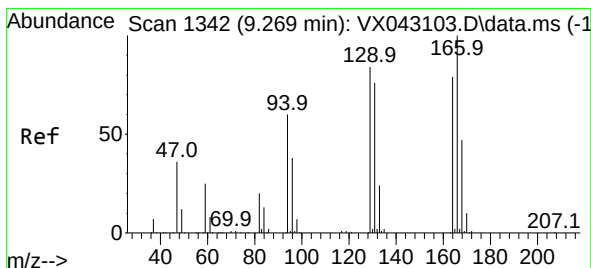
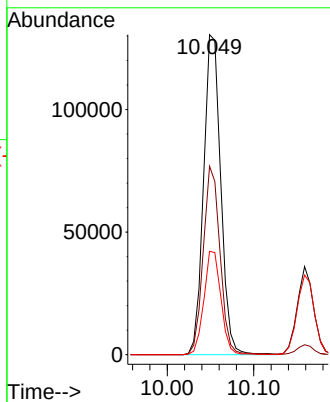
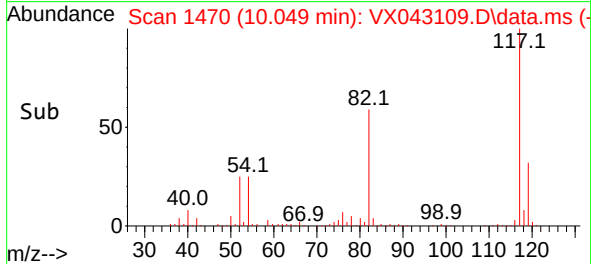
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 179890
Ion Ratio Lower Upper
117 100
82 58.9 44.7 67.1
119 32.3 26.3 39.5

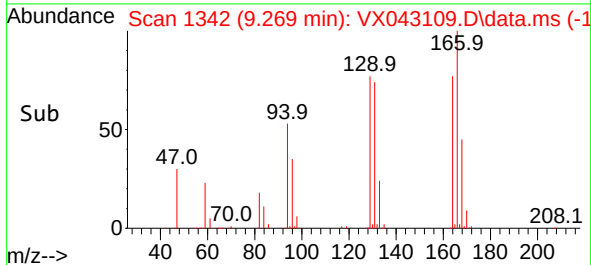
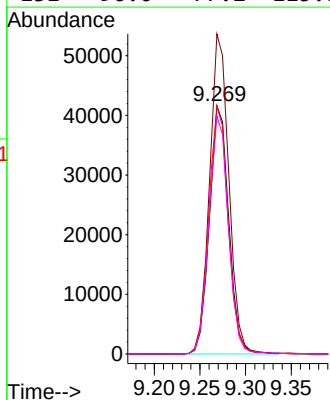
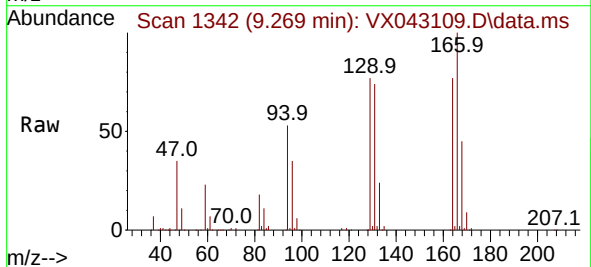
Manual Integrations
APPROVED

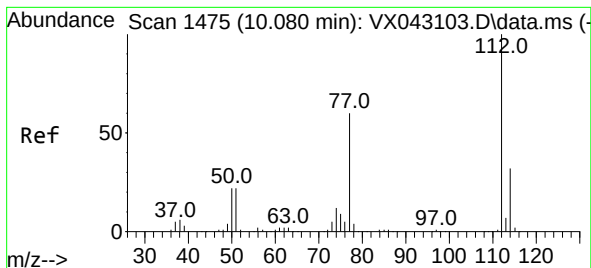
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#64
Tetrachloroethene
Concen: 46.664 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion:164 Resp: 60823
Ion Ratio Lower Upper
164 100
166 129.1 101.2 151.8
129 100.0 84.7 127.1
131 96.0 77.2 115.8





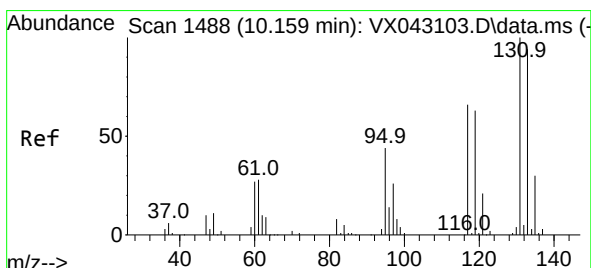
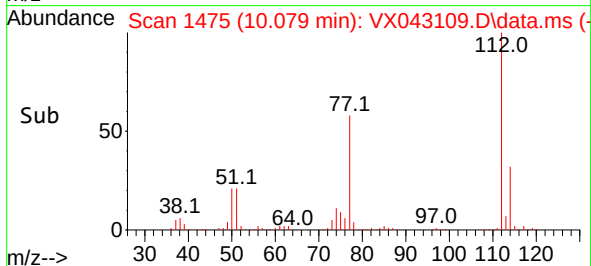
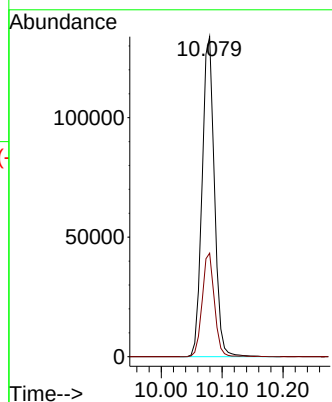
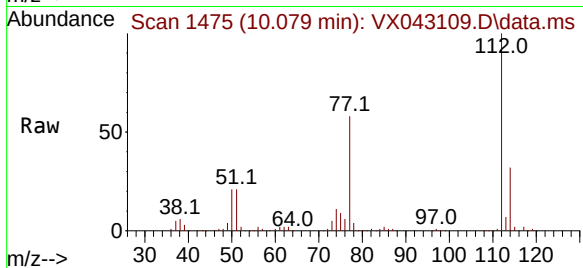
#65
Chlorobenzene
Concen: 48.572 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 188498
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8

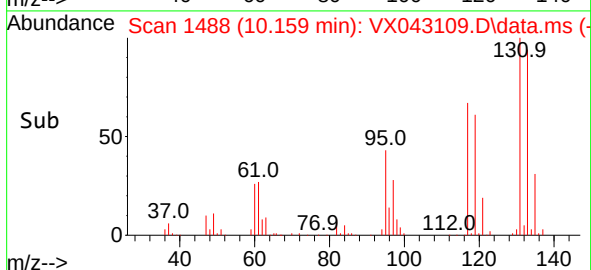
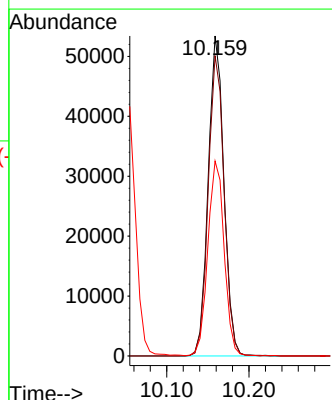
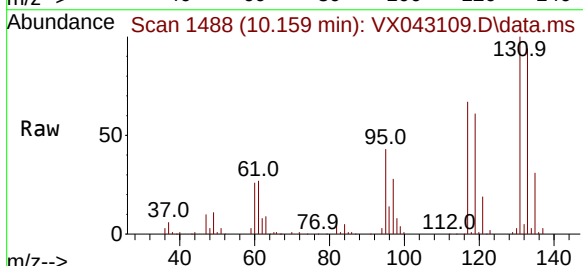
Manual Integrations
APPROVED

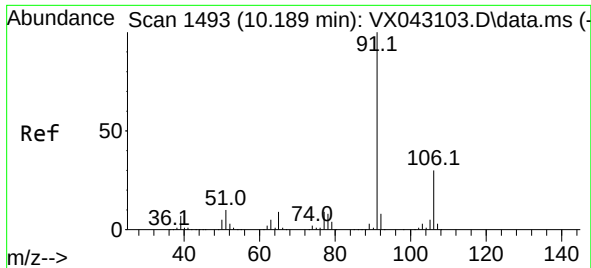
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.592 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

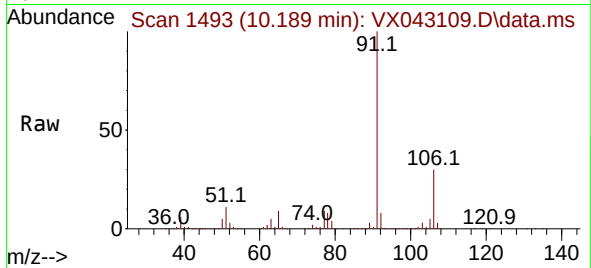
Tgt Ion:131 Resp: 70988
Ion Ratio Lower Upper
131 100
133 94.7 47.9 143.6
119 63.3 31.8 95.4





#67
Ethyl Benzene
Concen: 49.438 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

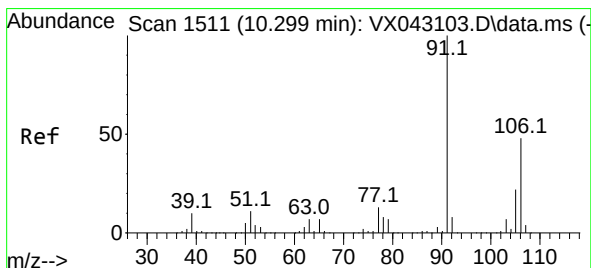
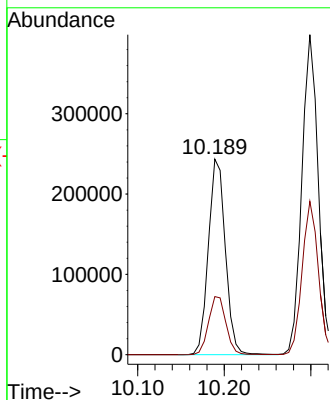
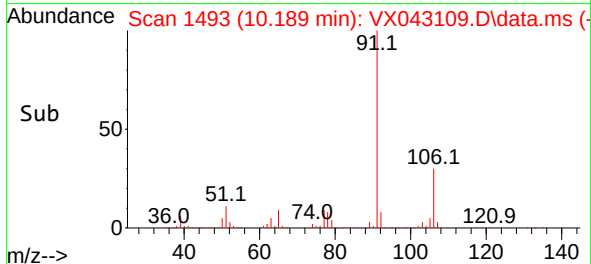
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 33187
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.4

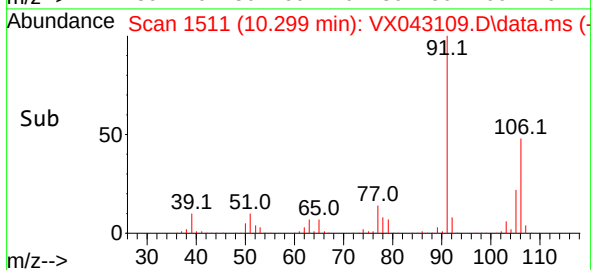
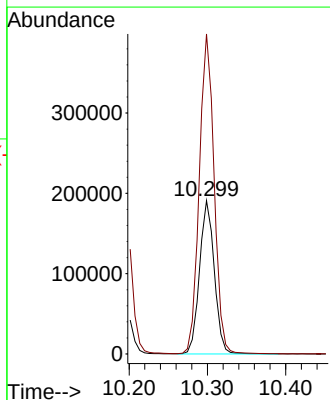
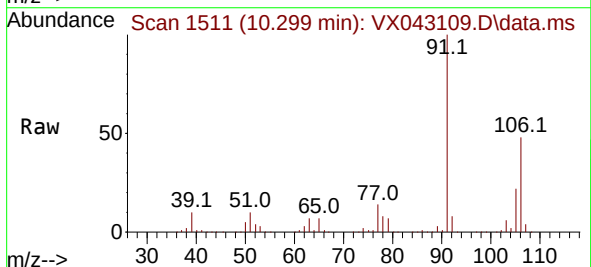
Manual Integrations
APPROVED

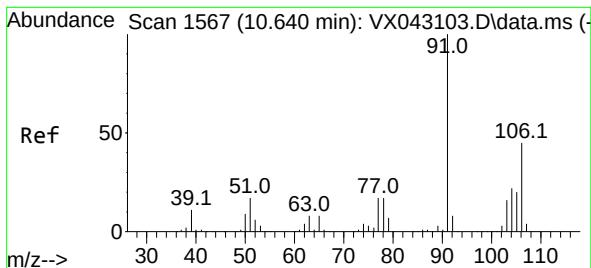
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#68
m/p-Xylenes
Concen: 100.004 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion:106 Resp: 249833
Ion Ratio Lower Upper
106 100
91 209.9 167.5 251.3





#69

o-Xylene

Concen: 48.898 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 12252

Ion Ratio Lower Upper

106 100

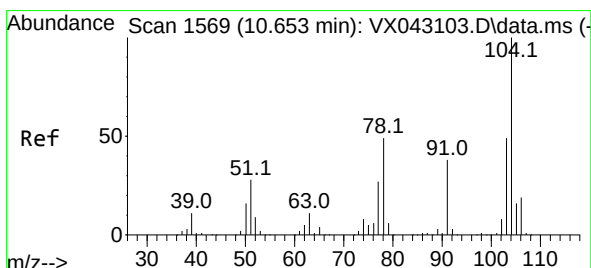
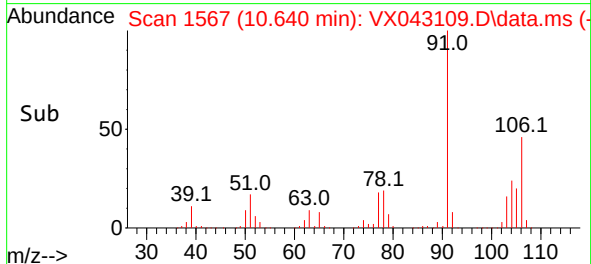
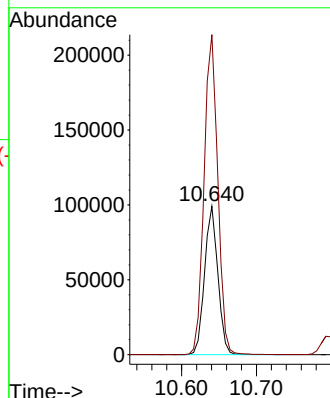
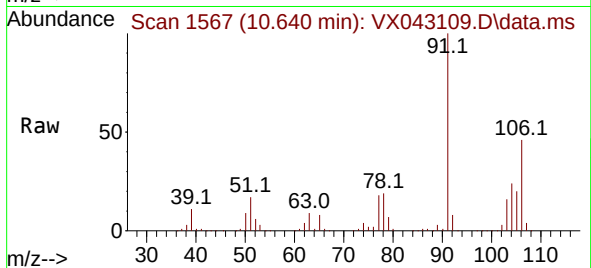
91 222.2 112.5 337.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#70

Styrene

Concen: 50.838 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

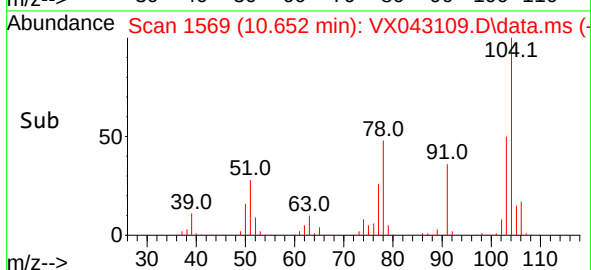
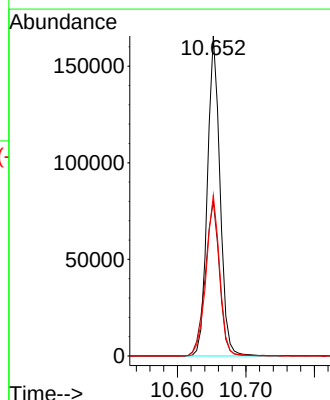
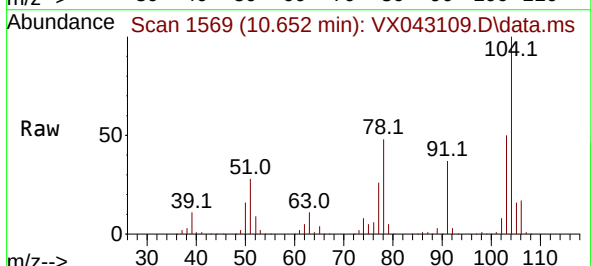
Tgt Ion:104 Resp: 212487

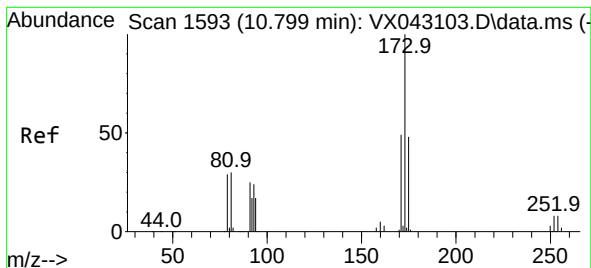
Ion Ratio Lower Upper

104 100

78 54.5 44.3 66.5

103 54.3 43.4 65.0





#71

Bromoform

Concen: 49.612 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 6246

Ion Ratio Lower Upper

173 100

175 47.7 24.6 73.6

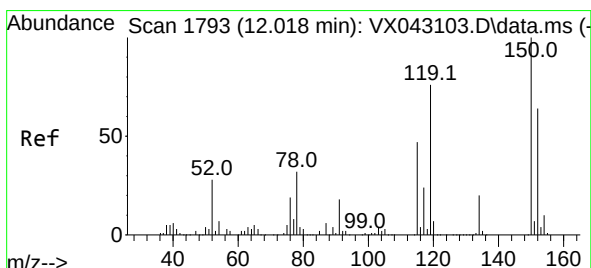
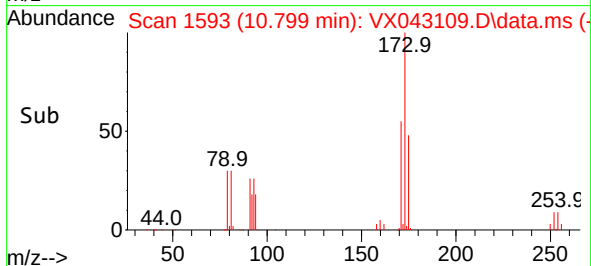
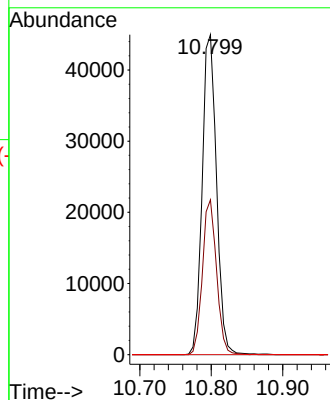
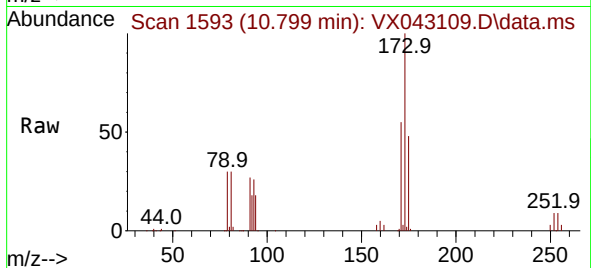
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

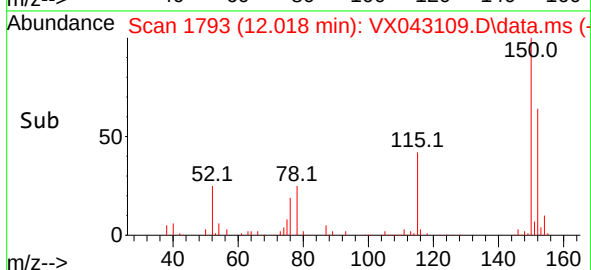
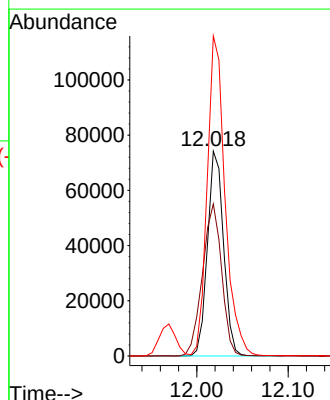
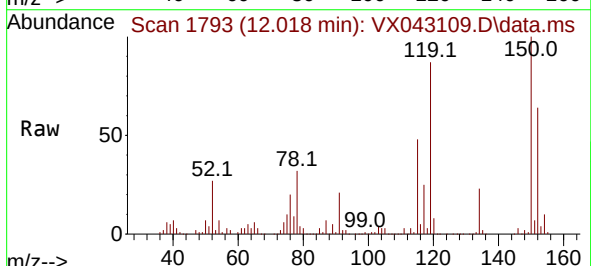
Tgt Ion:152 Resp: 90685

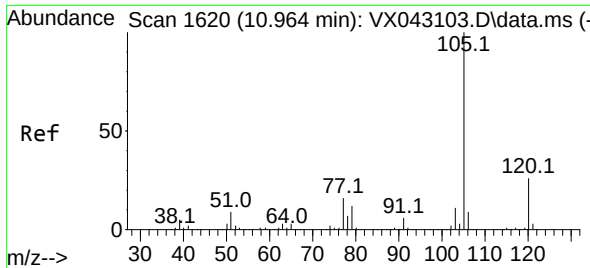
Ion Ratio Lower Upper

152 100

115 88.6 43.7 131.1

150 173.3 0.0 344.6





#73
Isopropylbenzene
Concen: 48.519 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

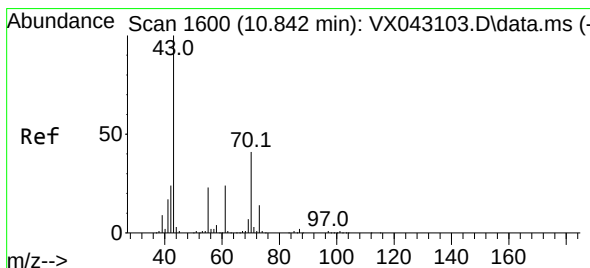
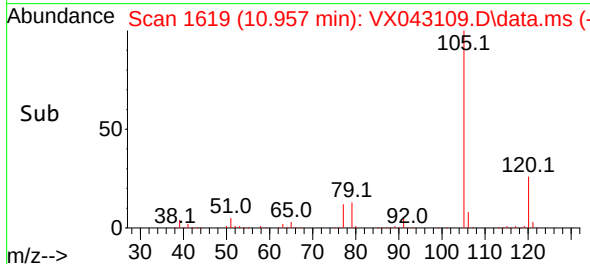
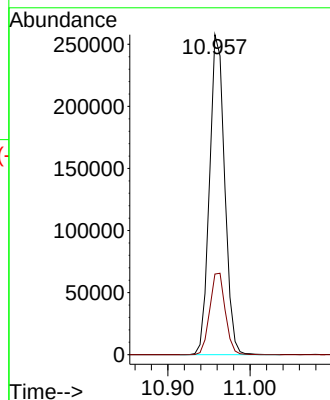
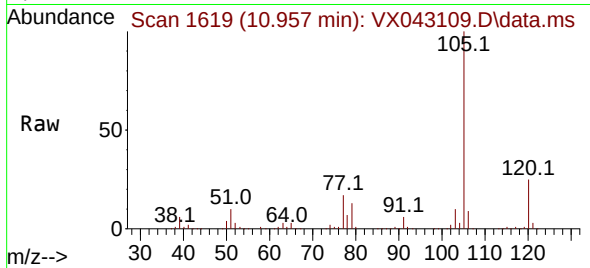
Tgt Ion:105 Resp: 329970
Ion Ratio Lower Upper
105 100
120 26.1 13.0 39.0

Manual Integrations

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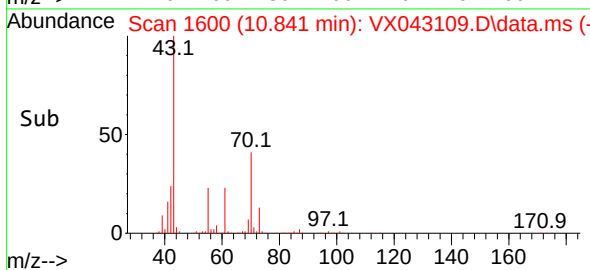
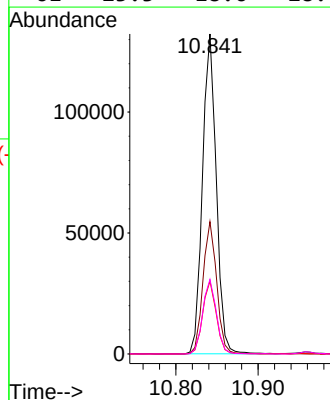
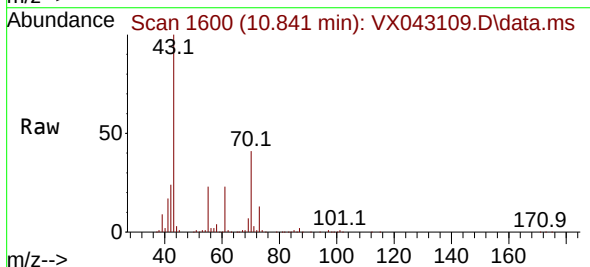
Reviewed By :John Carlone 09/25/2024

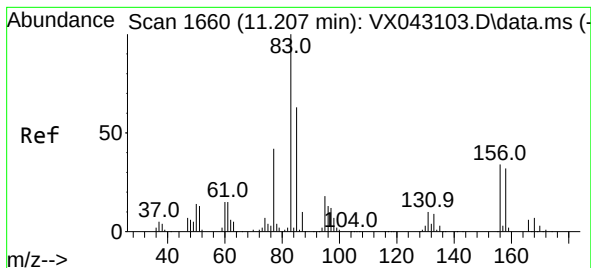
Supervised By :Mahesh Dadoda 09/25/2024



#74
N-ethyl acetate
Concen: 48.117 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion: 43 Resp: 153757
Ion Ratio Lower Upper
43 100
70 41.3 32.5 48.7
55 22.6 18.2 27.4
61 23.3 18.6 28.0





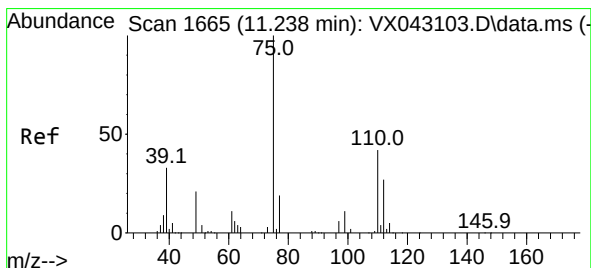
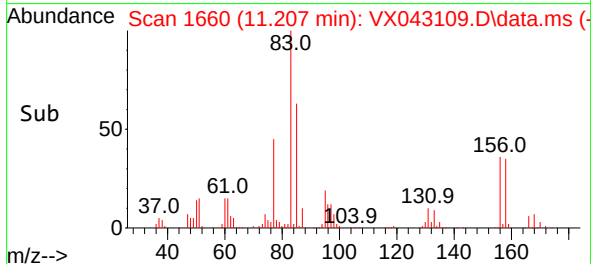
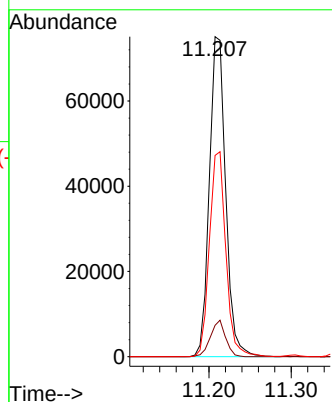
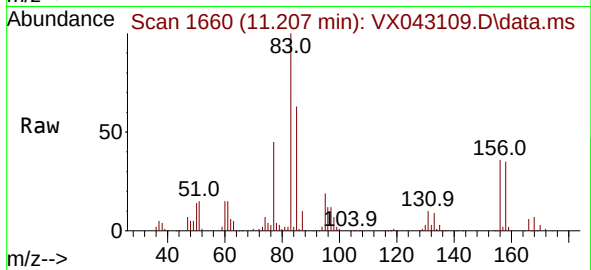
#75
1,1,2,2-Tetrachloroethane
Concen: 47.252 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 103409
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.8
85 64.5 31.9 95.7

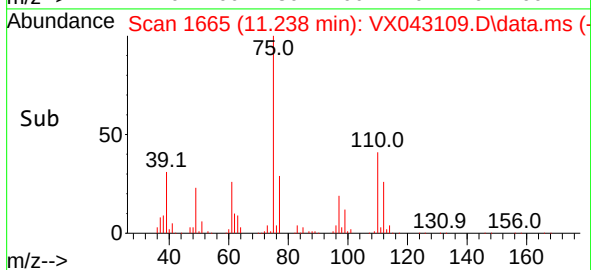
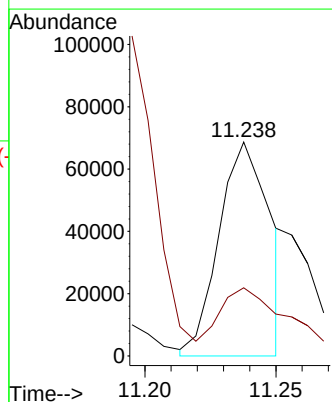
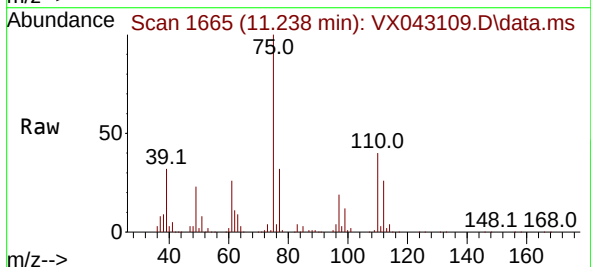
Manual Integrations
APPROVED

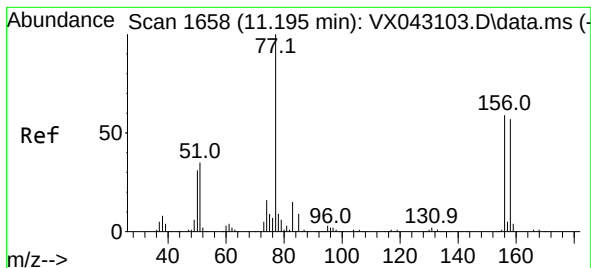
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#76
1,2,3-Trichloropropane
Concen: 47.989 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion: 75 Resp: 92523
Ion Ratio Lower Upper
75 100
77 43.7 21.9 65.7





#77

Bromobenzene

Concen: 49.060 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

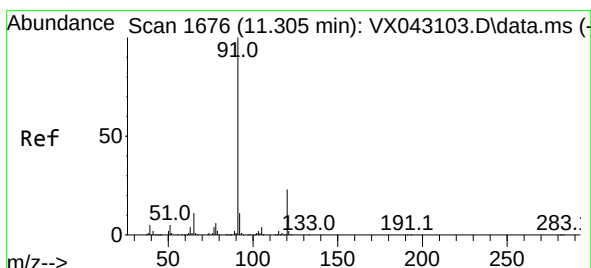
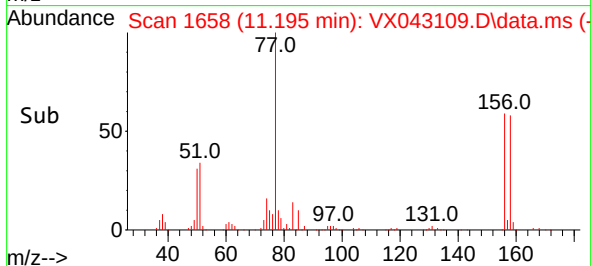
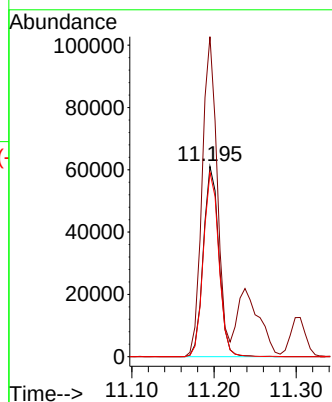
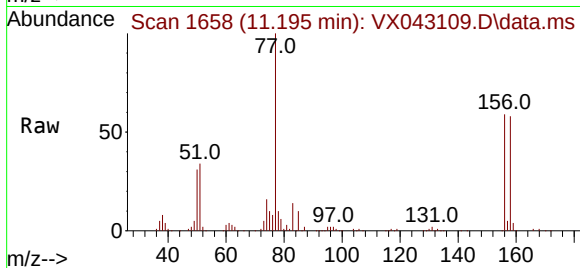
Tgt Ion:	156	Resp:	80099
Ion Ratio	Lower	Upper	
156	100		
77	163.7	82.5	247.3
158	96.8	48.2	144.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#78

n-propylbenzene

Concen: 49.392 ug/l

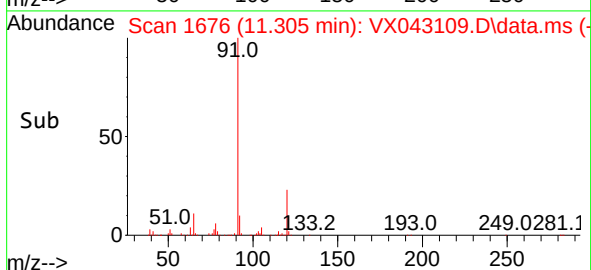
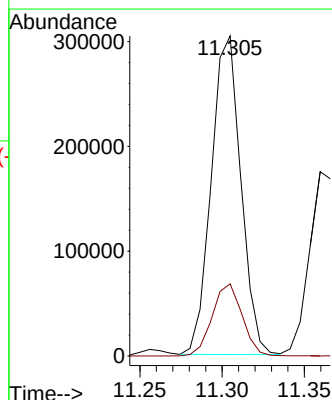
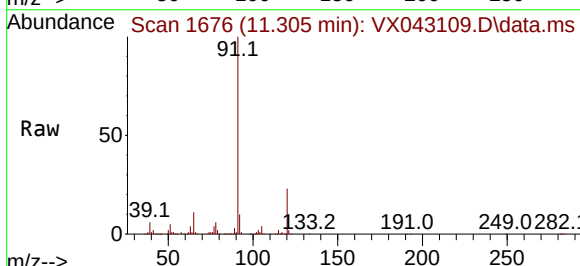
RT: 11.305 min Scan# 1676

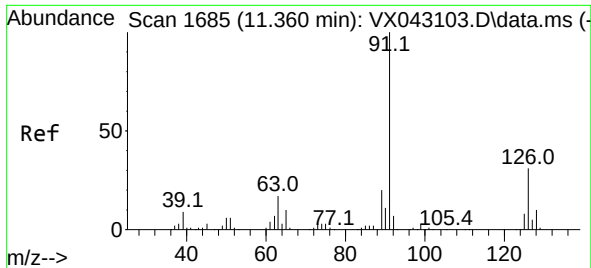
Delta R.T. -0.000 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Tgt Ion:	91	Resp:	381112
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.5





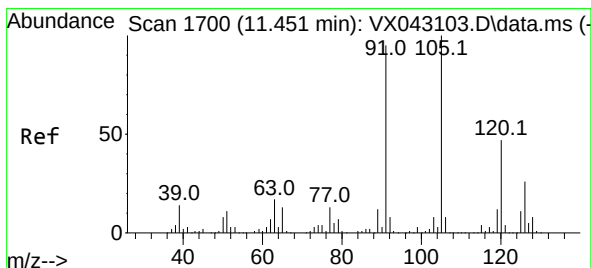
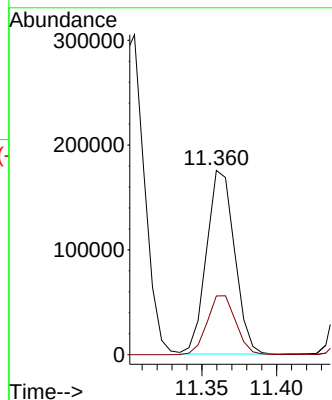
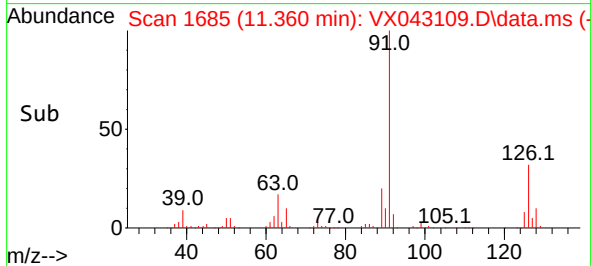
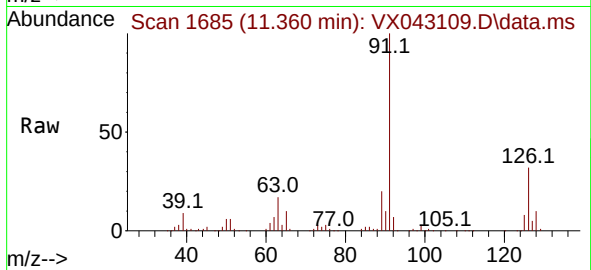
#79
2-Chlorotoluene
Concen: 47.370 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 22925
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1

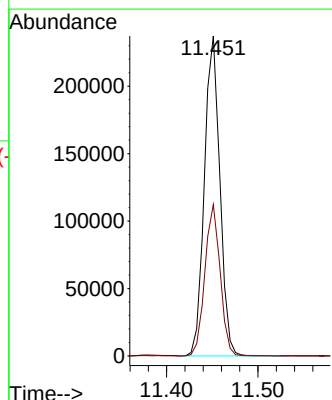
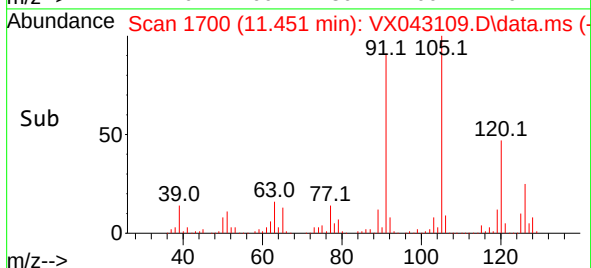
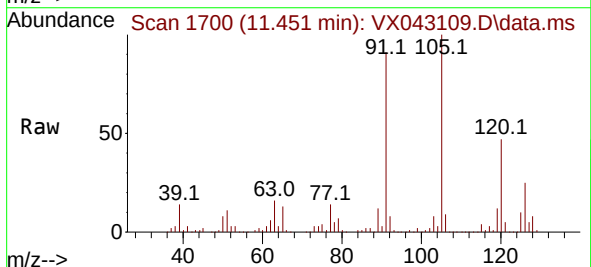
Manual Integrations
APPROVED

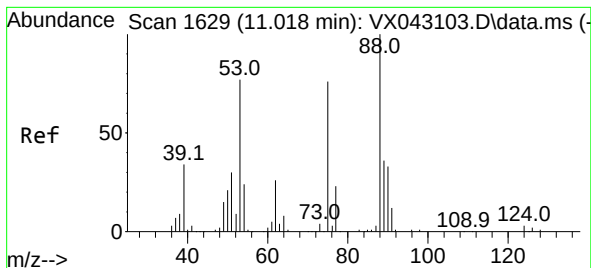
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.529 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion:105 Resp: 278695
Ion Ratio Lower Upper
105 100
120 46.7 23.5 70.5





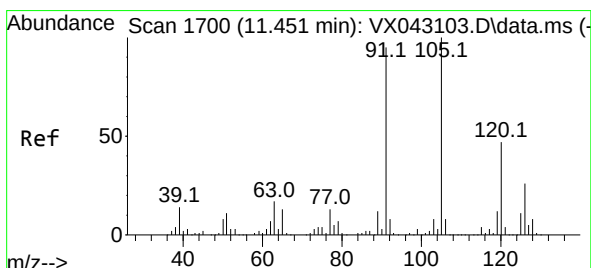
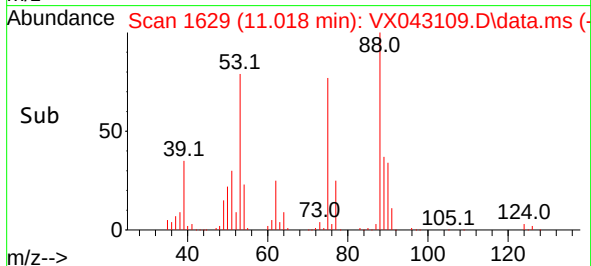
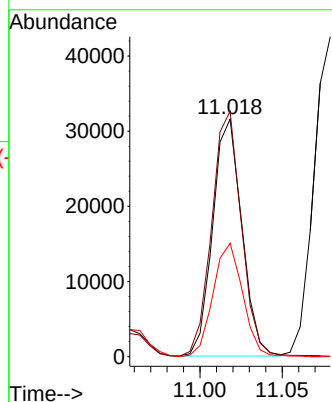
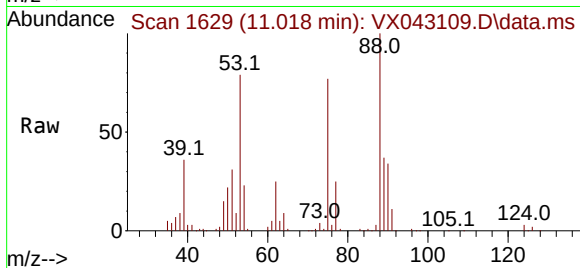
#81
trans-1,4-Dichloro-2-butene
Concen: 47.885 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 38749
Ion Ratio Lower Upper
75 100
53 105.6 85.4 128.2
89 48.9 38.8 58.2

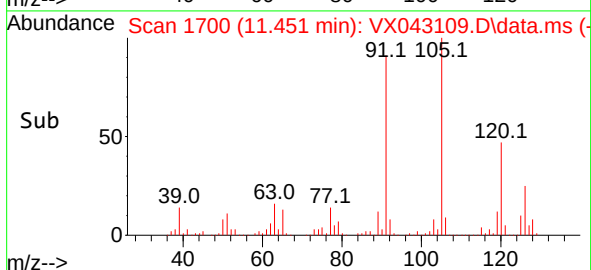
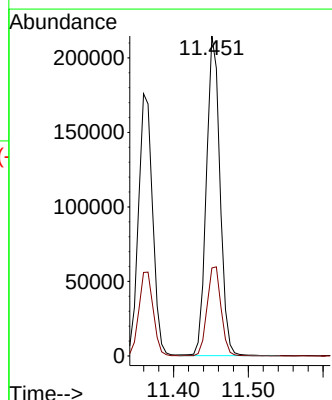
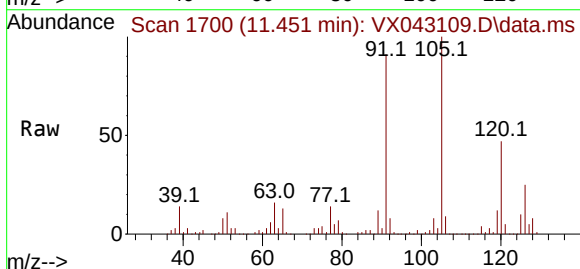
Manual Integrations
APPROVED

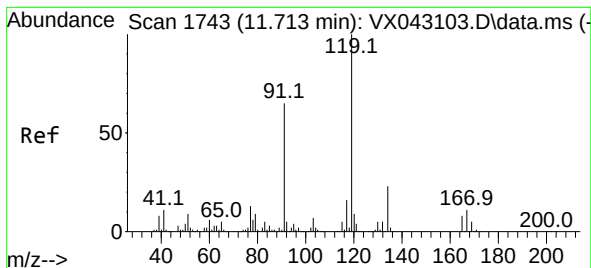
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#82
4-Chlorotoluene
Concen: 49.020 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

Tgt Ion: 91 Resp: 271164
Ion Ratio Lower Upper
91 100
126 28.9 14.1 42.4





#83

tert-Butylbenzene

Concen: 48.440 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 28086

Ion Ratio Lower Upper

119 100

91 62.0 31.8 95.3

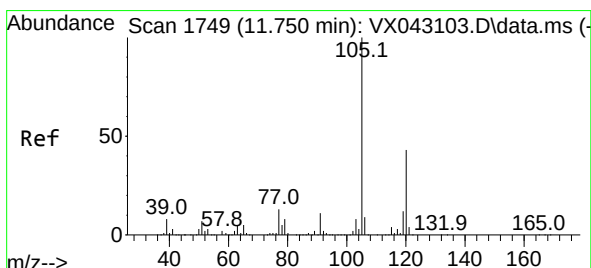
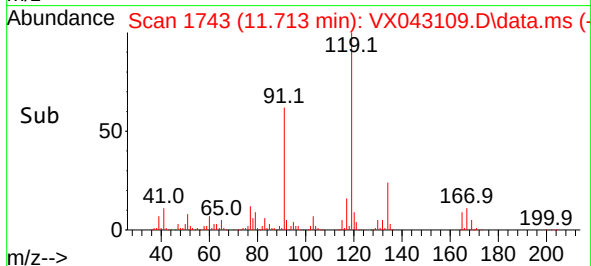
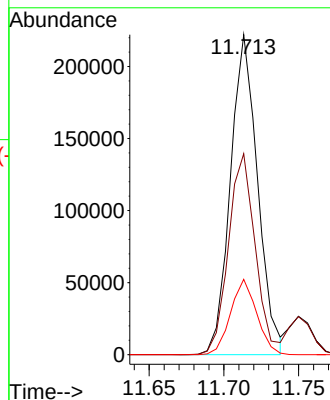
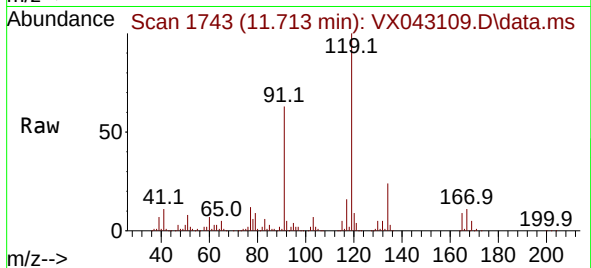
134 22.7 11.6 34.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#84

1,2,4-Trimethylbenzene

Concen: 49.289 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX043109.D

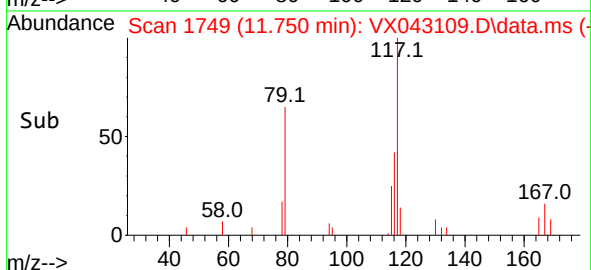
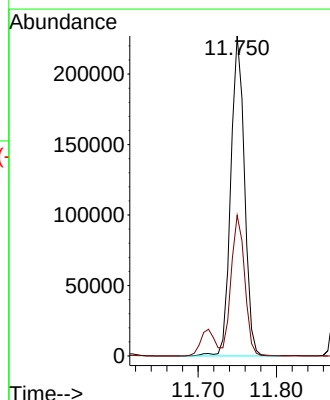
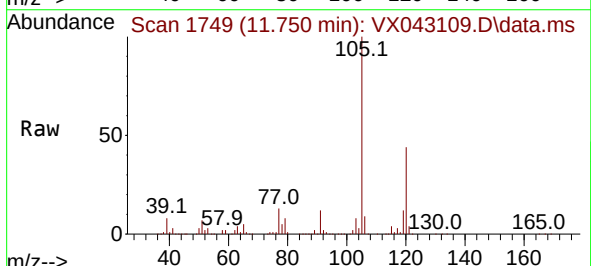
Acq: 24 Sep 2024 09:30

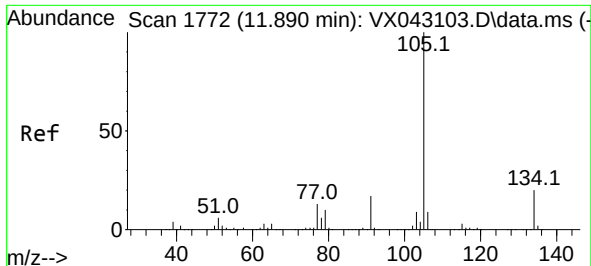
Tgt Ion:105 Resp: 275926

Ion Ratio Lower Upper

105 100

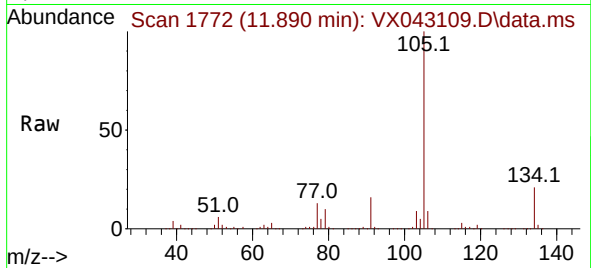
120 43.9 21.8 65.4





#85
 sec-Butylbenzene
 Concen: 49.474 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX043109.D
 Acq: 24 Sep 2024 09:30

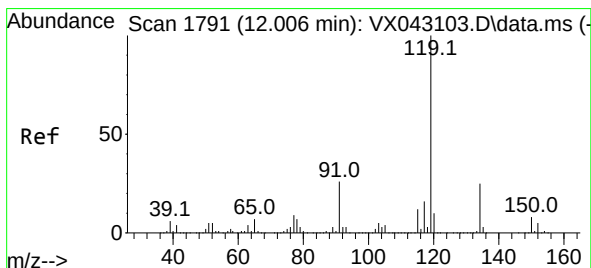
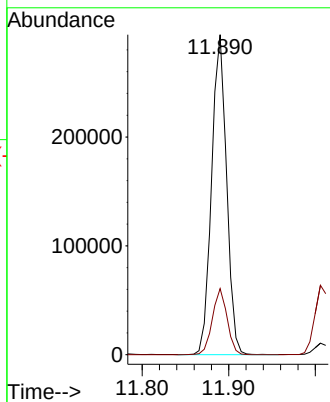
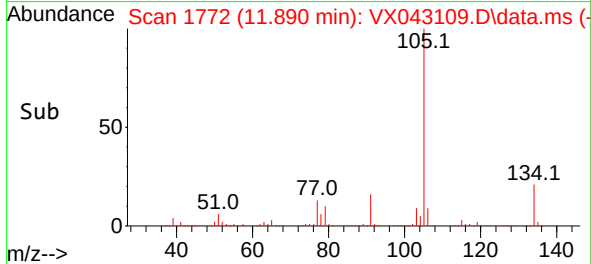
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



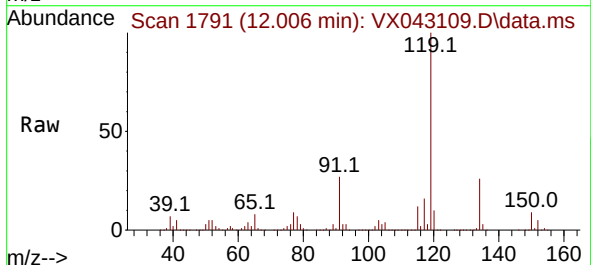
Tgt Ion:105 Resp: 352564
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 29.8

Manual Integrations
 APPROVED

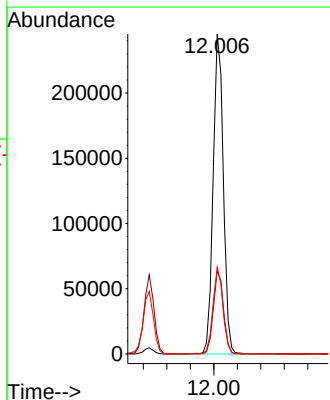
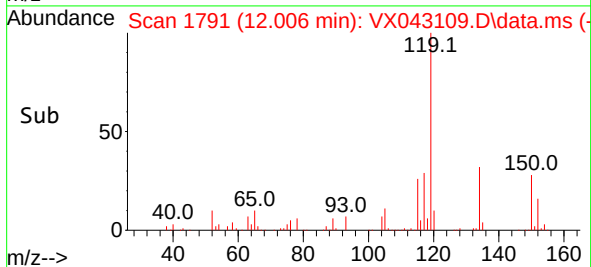
Reviewed By :John Carlone 09/25/2024
 Supervised By :Mahesh Dadoda 09/25/2024

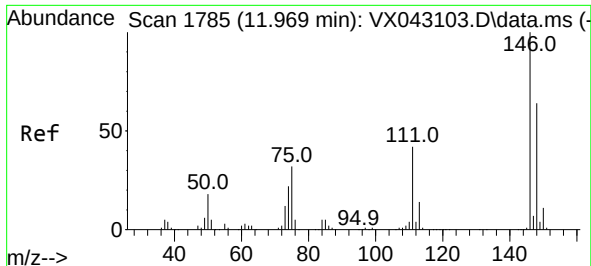


#86
 p-Isopropyltoluene
 Concen: 49.939 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX043109.D
 Acq: 24 Sep 2024 09:30



Tgt Ion:119 Resp: 295456
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 26.5 13.3 39.8





#87

1,3-Dichlorobenzene

Concen: 49.960 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 148728

Ion Ratio Lower Upper

146 100

111 42.1 21.6 64.6

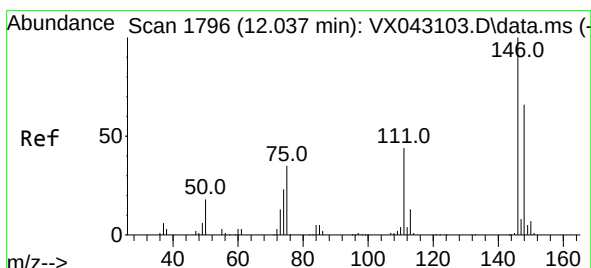
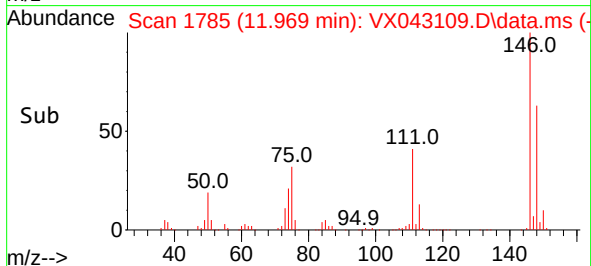
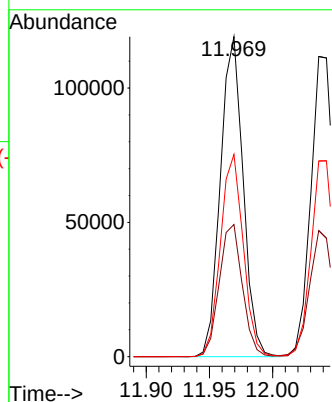
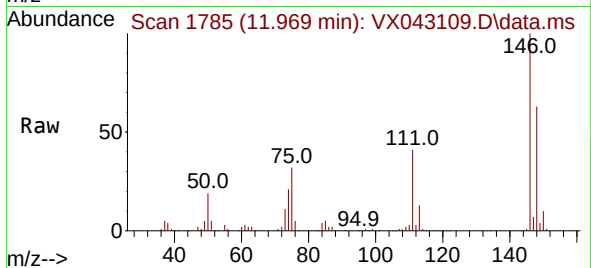
148 63.4 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#88

1,4-Dichlorobenzene

Concen: 48.766 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

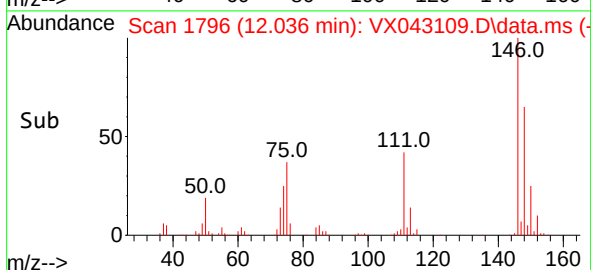
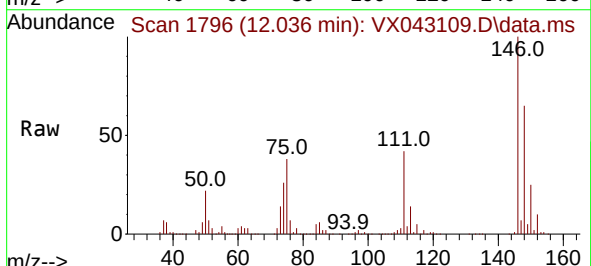
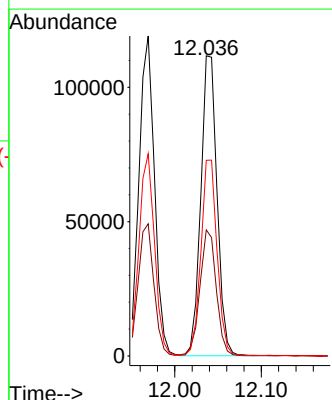
Tgt Ion:146 Resp: 145578

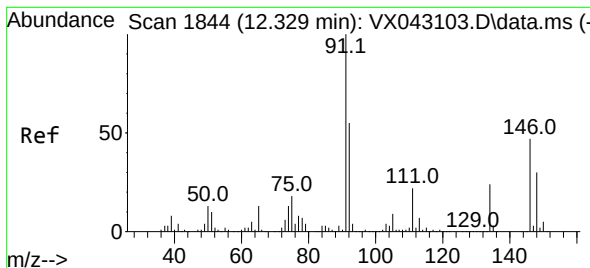
Ion Ratio Lower Upper

146 100

111 42.2 21.2 63.6

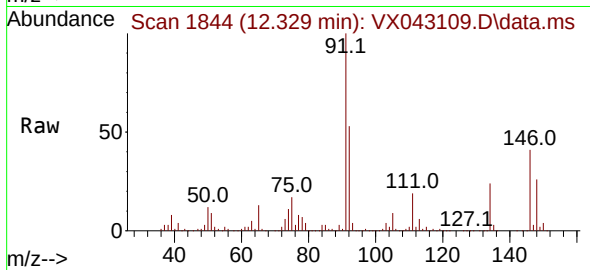
148 64.8 32.6 98.0





#89
n-Butylbenzene
Concen: 53.022 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

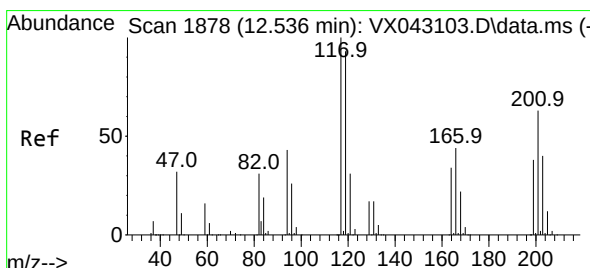
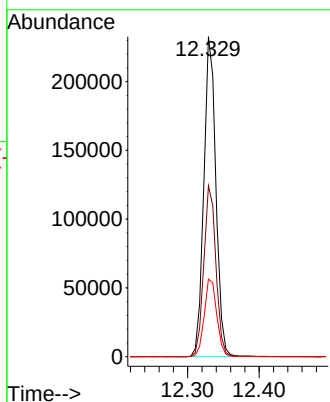
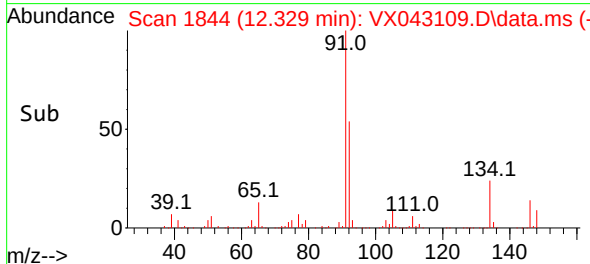
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 27338
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 25.2 12.6 37.6

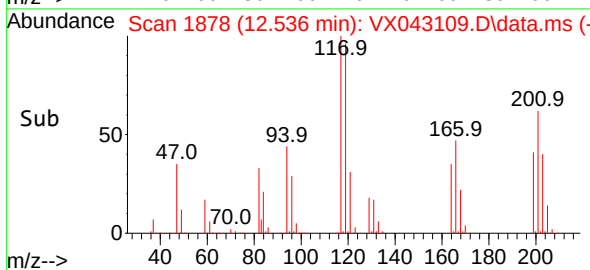
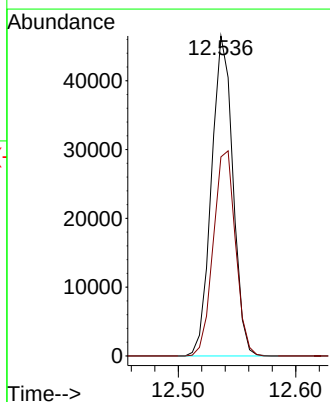
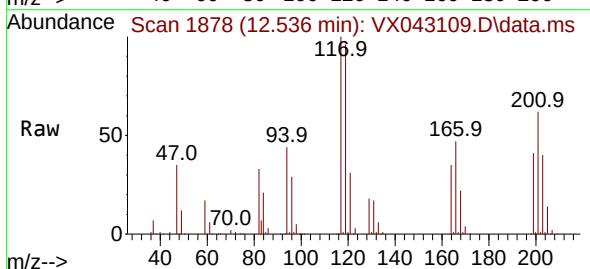
Manual Integrations
APPROVED

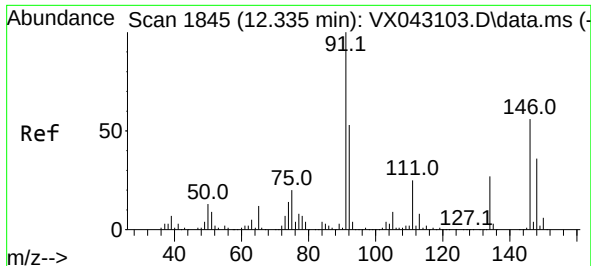
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#90
Hexachloroethane
Concen: 50.061 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

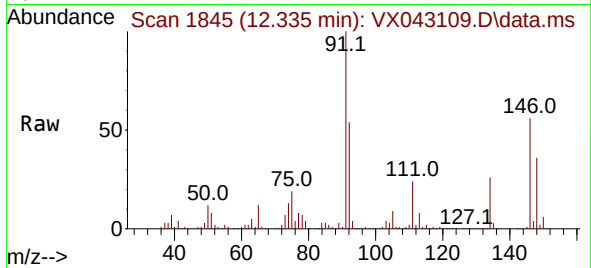
Tgt Ion:117 Resp: 59026
Ion Ratio Lower Upper
117 100
201 66.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.602 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

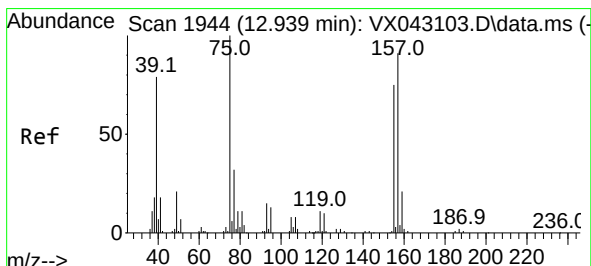
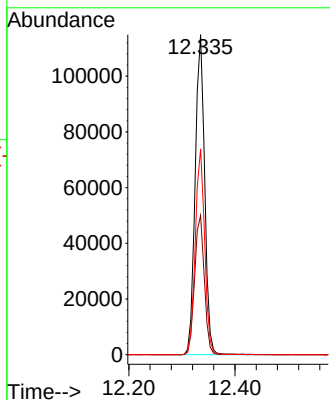
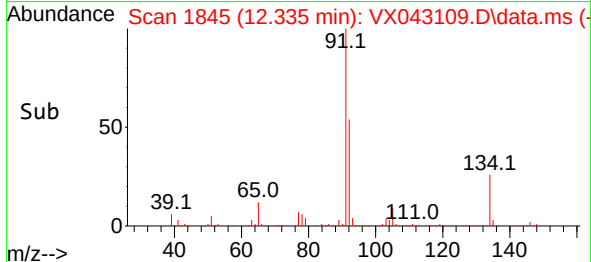
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



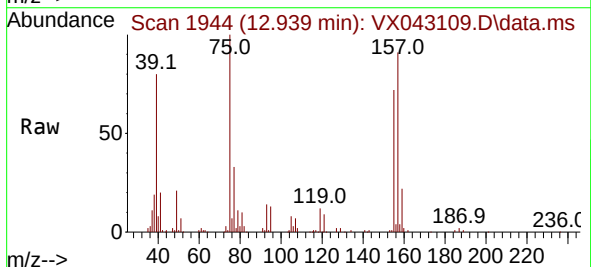
Tgt Ion:146 Resp: 142489
Ion Ratio Lower Upper
146 100
111 44.3 22.6 67.8
148 63.4 32.0 96.2

Manual Integrations
APPROVED

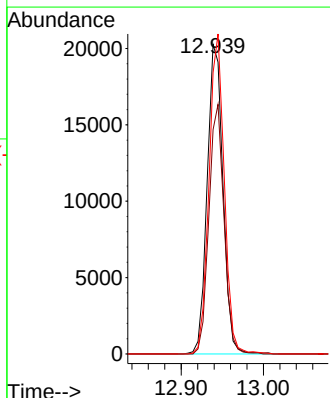
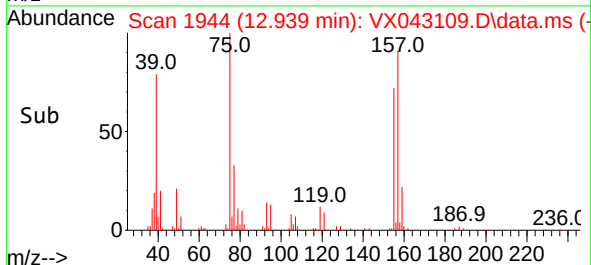
Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024

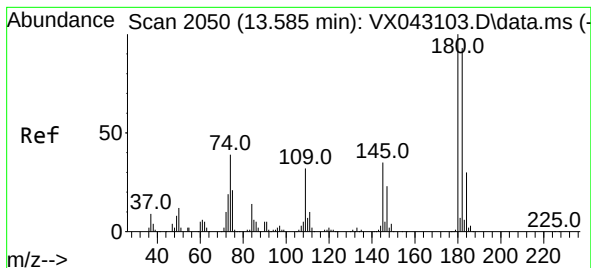


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.844 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30



Tgt Ion: 75 Resp: 27125
Ion Ratio Lower Upper
75 100
155 77.2 38.6 115.8
157 99.8 49.2 147.6





#93

1,2,4-Trichlorobenzene

Concen: 50.056 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

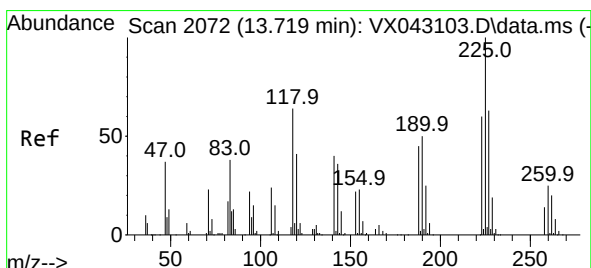
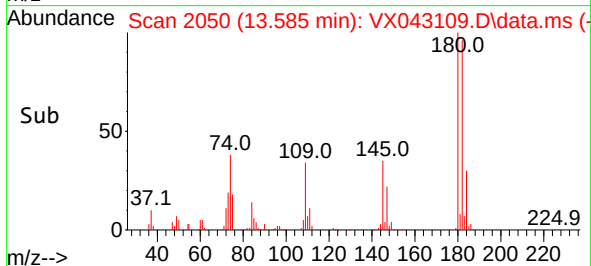
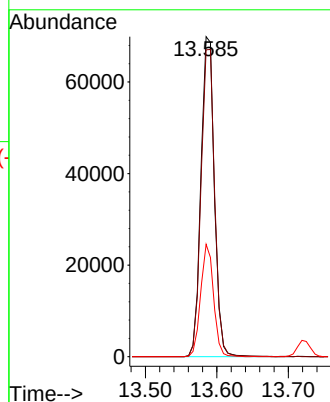
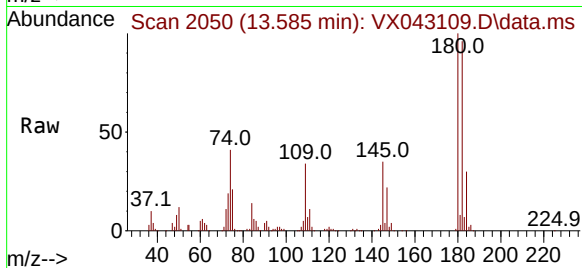
Tgt Ion:180	Resp:	9098
Ion Ratio	Lower	Upper
180	100	
182	97.4	46.7 140.0
145	33.7	17.0 50.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/25/2024

Supervised By :Mahesh Dadoda 09/25/2024



#94

Hexachlorobutadiene

Concen: 51.318 ug/l

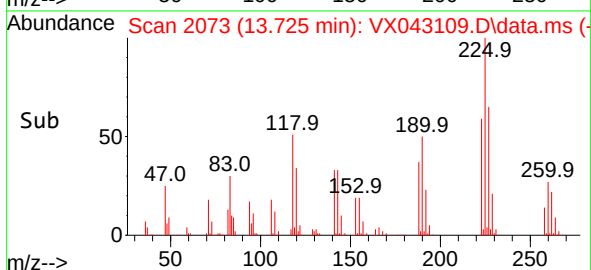
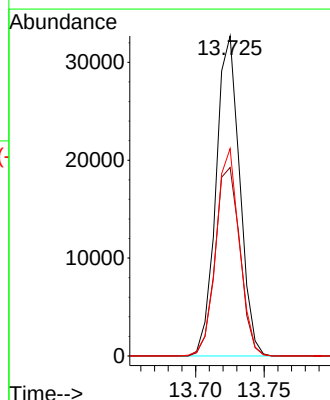
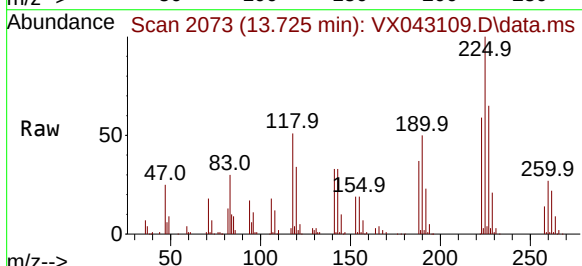
RT: 13.725 min Scan# 2073

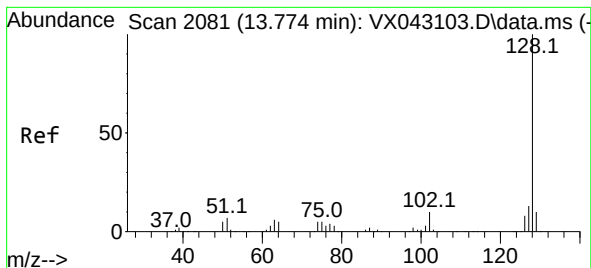
Delta R.T. 0.006 min

Lab File: VX043109.D

Acq: 24 Sep 2024 09:30

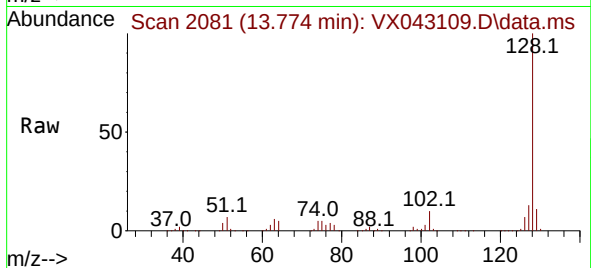
Tgt Ion:225	Resp:	39190
Ion Ratio	Lower	Upper
225	100	
223	61.4	31.8 95.4
227	63.7	31.9 95.7





#95
Naphthalene
Concen: 48.702 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30

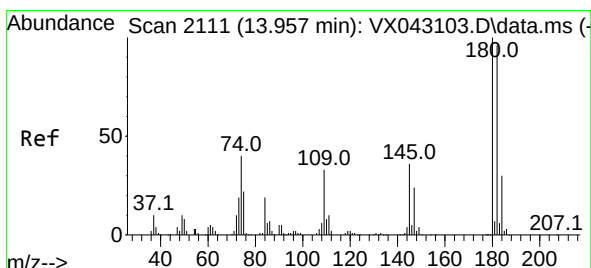
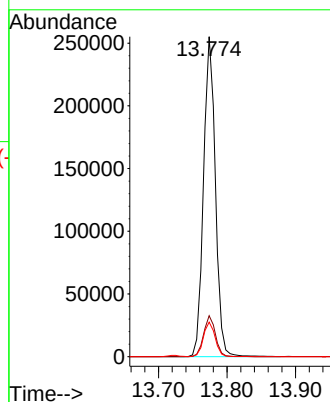
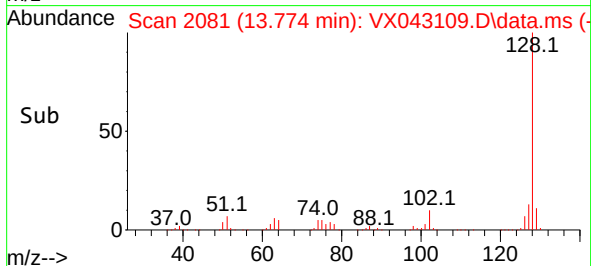
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



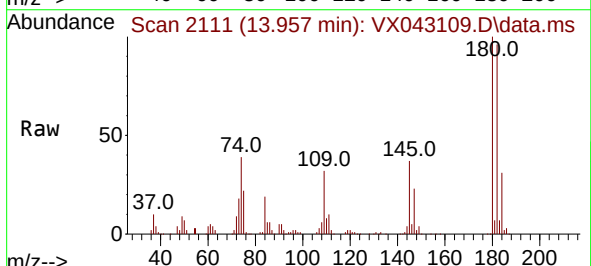
Tgt Ion:128 Resp: 30768
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/25/2024
Supervised By :Mahesh Dadoda 09/25/2024



#96
1,2,3-Trichlorobenzene
Concen: 50.037 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX043109.D
Acq: 24 Sep 2024 09:30



Tgt Ion:180 Resp: 90361
Ion Ratio Lower Upper
180 100
182 94.7 47.8 143.4
145 35.0 17.7 53.1

