

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021925\
 Data File : VX045006.D
 Acq On : 19 Feb 2025 16:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 20 02:39:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2025
 Supervised By : Mahesh Dadoda 02/20/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	111918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	193437	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	171613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	73756	45.020	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.040%		
35) Dibromofluoromethane	5.373	113	58370	46.411	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.820%		
50) Toluene-d8	8.641	98	215053	45.220	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.440%		
62) 4-Bromofluorobenzene	11.079	95	76549	47.746	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	76477	48.721	ug/l	97
3) Chloromethane	1.301	50	83167	43.532	ug/l	97
4) Vinyl Chloride	1.374	62	84525	45.669	ug/l	99
5) Bromomethane	1.593	94	24841	44.852	ug/l	99
6) Chloroethane	1.660	64	41110	59.512	ug/l	99
7) Trichlorofluoromethane	1.867	101	117243	50.091	ug/l	99
8) Diethyl Ether	2.130	74	43592	51.355	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	69633	49.240	ug/l	99
10) Methyl Iodide	2.441	142	82042	44.764	ug/l	98
11) Tert butyl alcohol	2.995	59	57879	190.437	ug/l	100
12) 1,1-Dichloroethene	2.306	96	67015	46.457	ug/l	98
13) Acrolein	2.233	56	60438	192.737	ug/l	97
14) Allyl chloride	2.654	41	123182	47.250	ug/l	97
15) Acrylonitrile	3.056	53	191197	235.615	ug/l	99
16) Acetone	2.380	43	181012	274.843	ug/l	96
17) Carbon Disulfide	2.502	76	167435	42.328	ug/l	100
18) Methyl Acetate	2.697	43	104165	50.120	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	221077	48.168	ug/l	99
20) Methylene Chloride	2.782	84	75620	46.876	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	66758	47.021	ug/l	97
22) Diisopropyl ether	3.751	45	249101	50.505	ug/l	97
23) Vinyl Acetate	3.709	43	993173	246.998	ug/l	99
24) 1,1-Dichloroethane	3.599	63	133372	48.328	ug/l	100
25) 2-Butanone	4.544	43	266792	249.467	ug/l	97
26) 2,2-Dichloropropane	4.458	77	104327	47.669	ug/l	97
27) cis-1,2-Dichloroethene	4.477	96	83285	48.837	ug/l	99
28) Bromochloromethane	4.885	49	64586	48.698	ug/l	99
29) Tetrahydrofuran	4.995	42	167380	235.701	ug/l	98
30) Chloroform	5.080	83	132906	49.659	ug/l	98
31) Cyclohexane	5.452	56	117654	46.244	ug/l	95
32) 1,1,1-Trichloroethane	5.367	97	109999	48.455	ug/l	98
36) 1,1-Dichloropropene	5.678	75	89732	49.454	ug/l	99
37) Ethyl Acetate	4.702	43	96272	47.702	ug/l	99
38) Carbon Tetrachloride	5.659	117	90648	50.981	ug/l	100
39) Methylcyclohexane	7.366	83	121788	51.917	ug/l	97
40) Benzene	6.025	78	285227	50.342	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	58426	54.084	ug/l	98
42) 1,2-Dichloroethane	6.074	62	98526	54.562	ug/l	98
43) Isopropyl Acetate	6.330	43	167374	51.356	ug/l	98
44) Trichloroethene	7.117	130	66265	51.168	ug/l	95
45) 1,2-Dichloropropane	7.421	63	71705	50.870	ug/l	96
46) Dibromomethane	7.574	93	51032	52.205	ug/l	99
47) Bromodichloromethane	7.812	83	102120	53.952	ug/l	98
48) Methyl methacrylate	7.684	41	82698	53.815	ug/l	97
49) 1,4-Dioxane	7.659	88	29350	890.209	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	525038	264.991	ug/l	98
52) Toluene	8.714	92	173548	51.432	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	99964	52.189	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	111401	52.163	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	68130	52.524	ug/l	99
56) Ethyl methacrylate	9.110	69	109605	52.318	ug/l	96
57) 1,3-Dichloropropane	9.305	76	118507	52.215	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.232	63	279216	271.435	ug/l	100
59) 2-Hexanone	9.427	43	382459	267.908	ug/l	97
60) Dibromochloromethane	9.519	129	75451	54.390	ug/l	97
61) 1,2-Dibromoethane	9.604	107	68899	52.406	ug/l	98
64) Tetrachloroethene	9.269	164	55372	51.163	ug/l	99
65) Chlorobenzene	10.073	112	189386	51.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	60786	51.236	ug/l	99
67) Ethyl Benzene	10.189	91	336260	51.696	ug/l	98
68) m/p-Xylenes	10.299	106	251317	104.739	ug/l	100
69) o-Xylene	10.640	106	122824	51.014	ug/l	99
70) Styrene	10.652	104	205853	53.069	ug/l	99
71) Bromoform	10.793	173	46671	52.711	ug/l #	98
73) Isopropylbenzene	10.957	105	320617	50.260	ug/l	99
74) N-amyl acetate	10.841	43	145430	50.380	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	104074	47.478	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	83838m	47.729	ug/l	
77) Bromobenzene	11.195	156	72837	50.363	ug/l	99
78) n-propylbenzene	11.299	91	381640	51.832	ug/l	100
79) 2-Chlorotoluene	11.360	91	222896	49.256	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	262910	50.788	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	26527	38.848	ug/l	92
82) 4-Chlorotoluene	11.451	91	252784	50.492	ug/l	100
83) tert-Butylbenzene	11.713	119	264512	50.509	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	264457	51.760	ug/l	100
85) sec-Butylbenzene	11.884	105	337478	52.041	ug/l	99
86) p-Isopropyltoluene	12.006	119	276863	53.090	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	134818	50.692	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	134805	50.131	ug/l	100
89) n-Butylbenzene	12.329	91	258301	55.987	ug/l	100
90) Hexachloroethane	12.536	117	45823	46.927	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	132206	50.579	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19635	49.079	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	84981	53.729	ug/l	100
94) Hexachlorobutadiene	13.725	225	34322	54.662	ug/l	99
95) Naphthalene	13.774	128	294926	51.583	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	84913	53.279	ug/l	100

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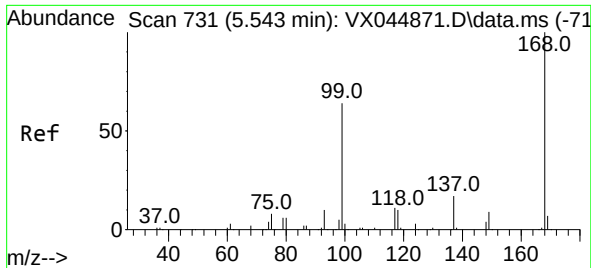
Manual Integrations
APPROVED

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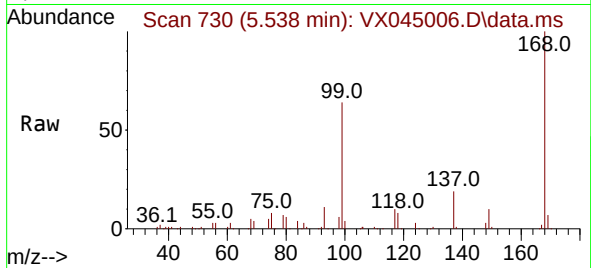
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.005 min
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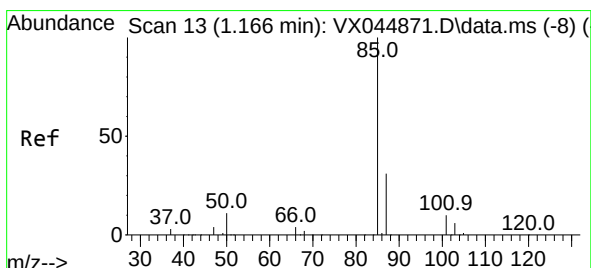
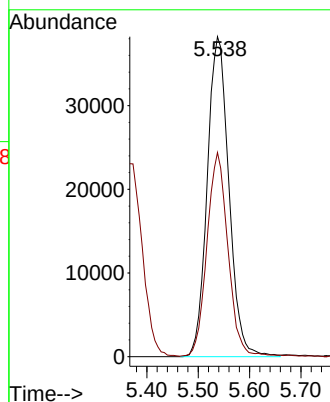
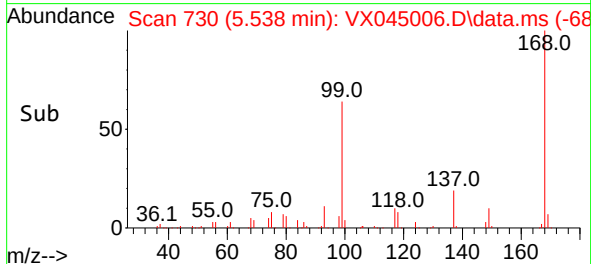
Instrument :
MSVOA_X
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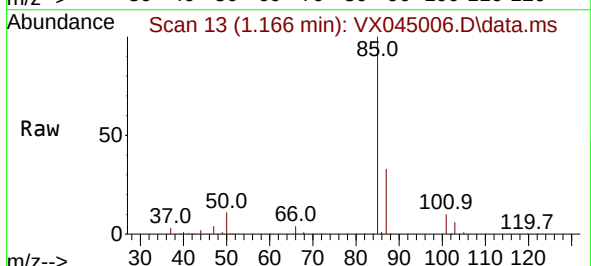
Tgt Ion:168 Resp: 111918
Ion Ratio Lower Upper
168 100
99 63.6 51.2 76.8

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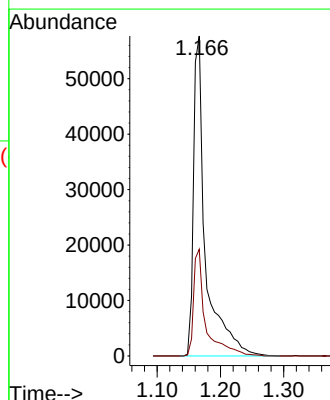
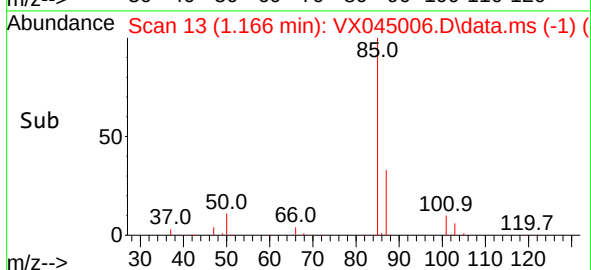
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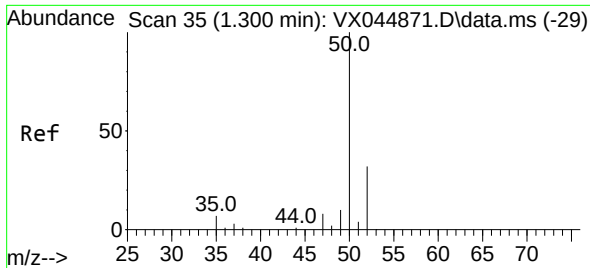


#2
Dichlorodifluoromethane
Concen: 48.721 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07



Tgt Ion: 85 Resp: 76477
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.3





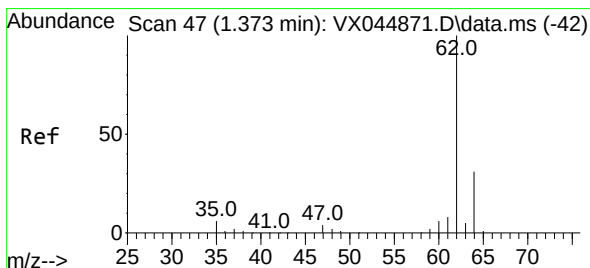
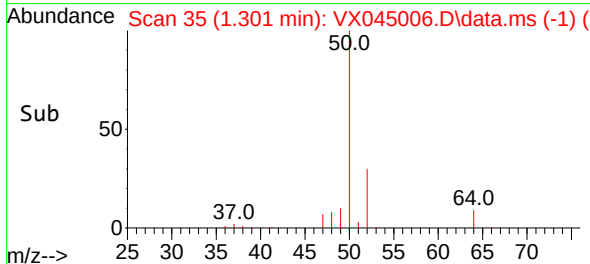
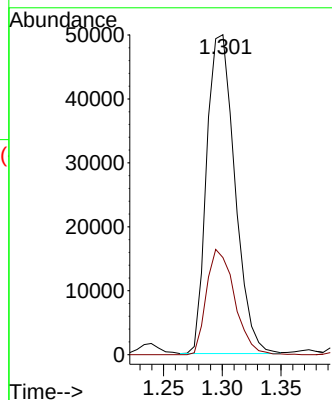
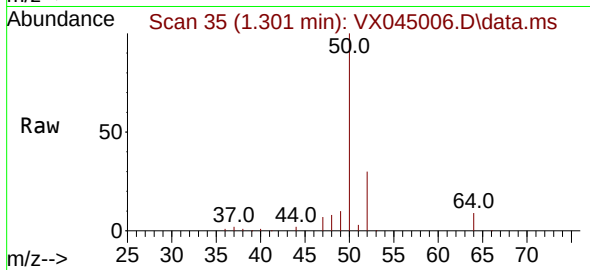
#3
Chloromethane
Concen: 43.532 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX045006.D
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Tgt Ion: 50 Resp: 8316
Ion Ratio Lower Upper
50 100
52 30.5 25.9 38.9

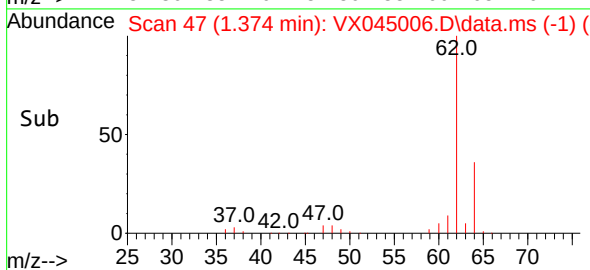
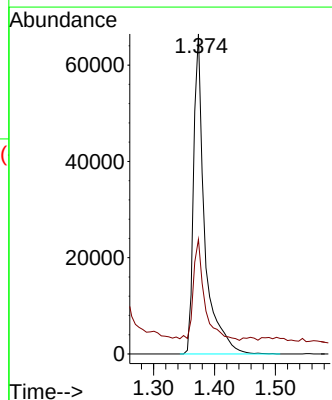
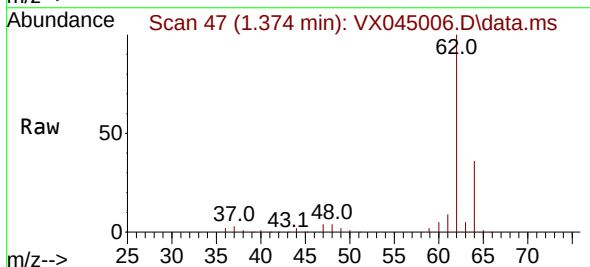
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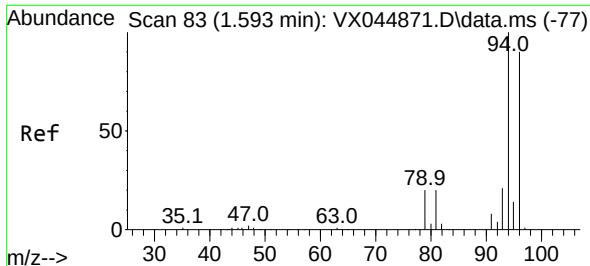
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#4
Vinyl Chloride
Concen: 45.669 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

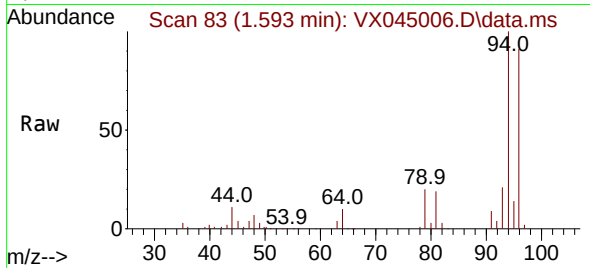
Tgt Ion: 62 Resp: 84525
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.0





#5
Bromomethane
Concen: 44.852 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045006.D
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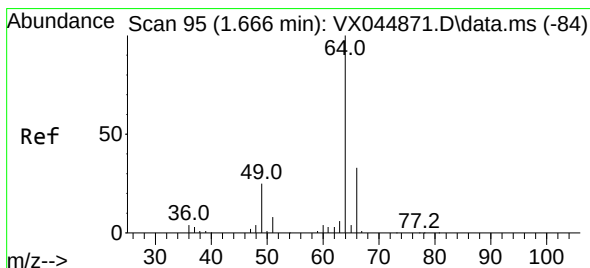
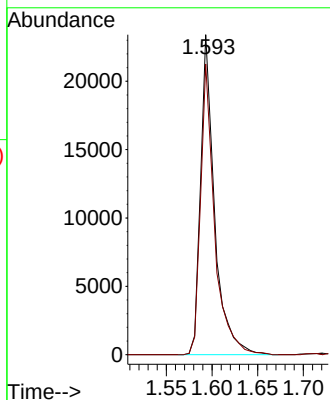
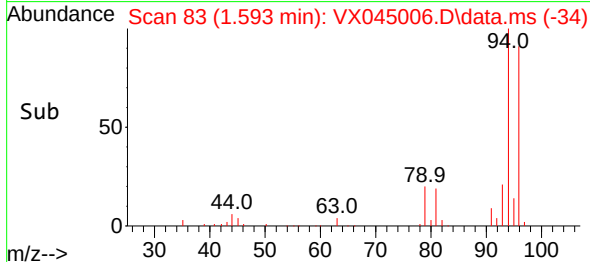
Instrument :
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Tgt Ion: 94 Resp: 2484
Ion Ratio Lower Upper
94 100
96 90.9 71.6 107.4

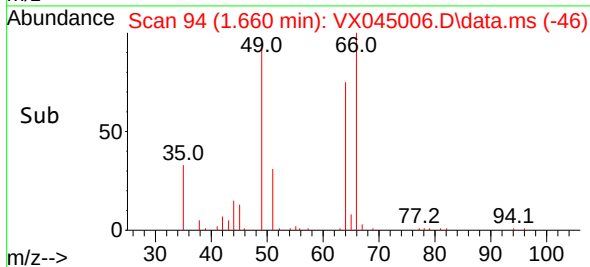
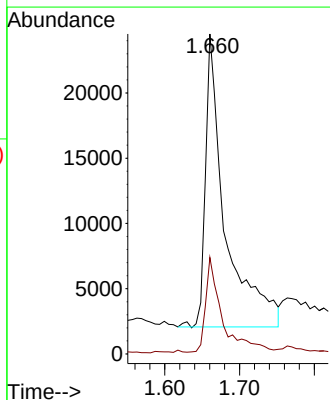
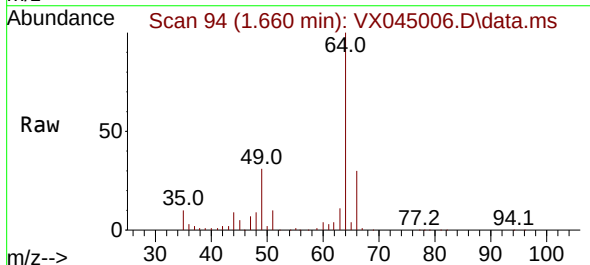
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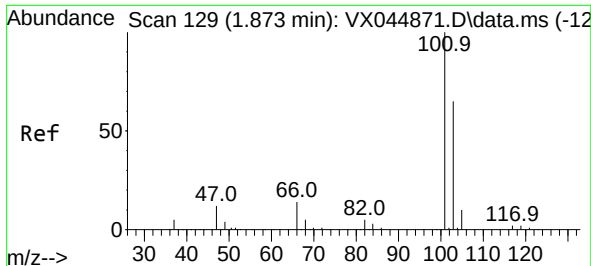
Reviewed By :John Carlone 02/20/2025
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#6
Chloroethane
Concen: 59.512 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045006.D
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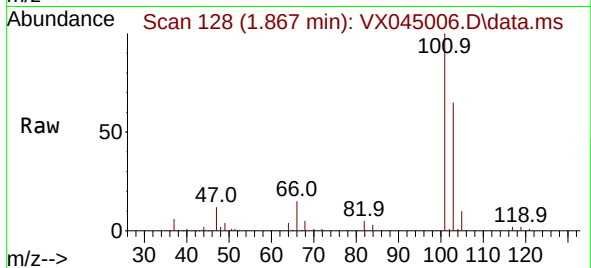
Tgt Ion: 64 Resp: 41110
Ion Ratio Lower Upper
64 100
66 31.6 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 50.091 ug/l
 RT: 1.867 min Scan# 11724
 Delta R.T. -0.006 min
 Lab File: VX045006.D
 Acq: 19 Feb 2025 16:07

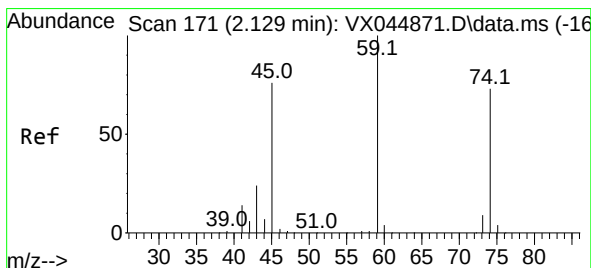
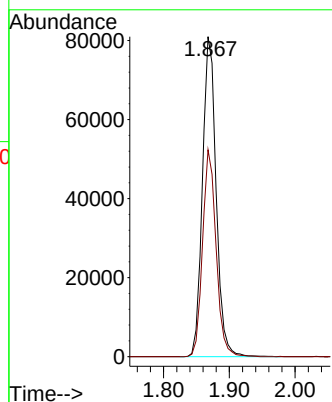
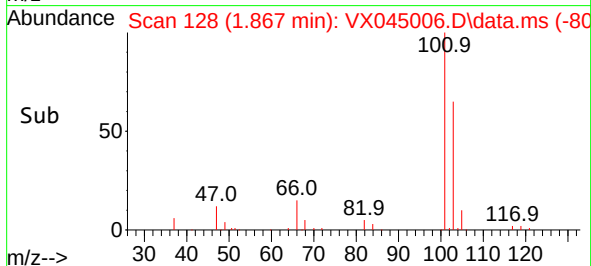
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 11724
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.4 78.6

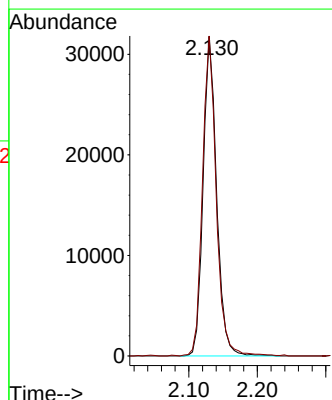
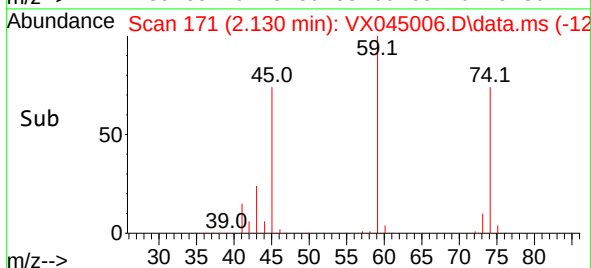
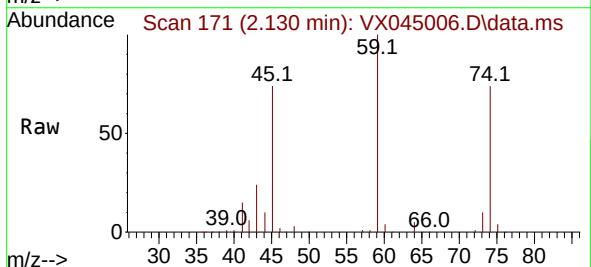
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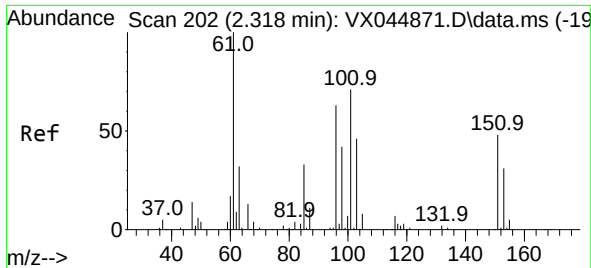
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#8
 Diethyl Ether
 Concen: 51.355 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 43592
 Ion Ratio Lower Upper
 74 100
 45 102.2 51.1 153.4





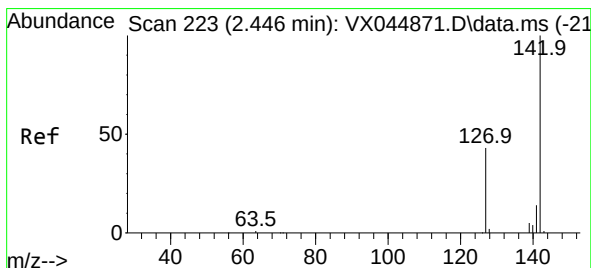
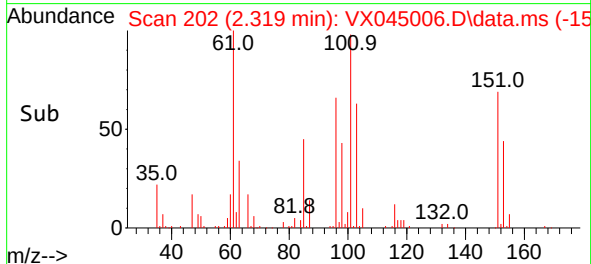
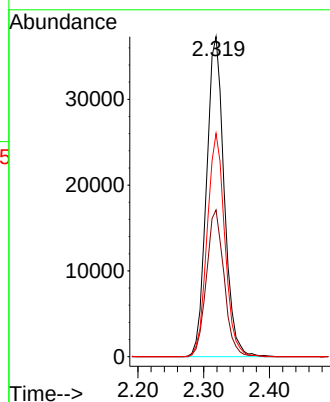
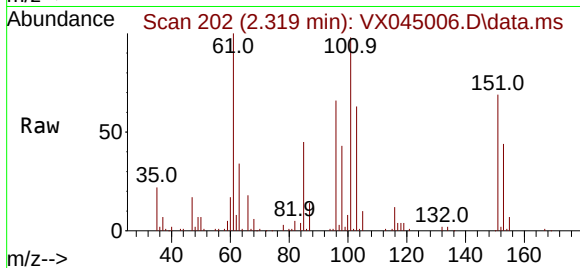
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.240 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 6963
Ion Ratio Lower Upper
101 100
85 46.0 35.7 53.5
151 69.9 56.0 84.0

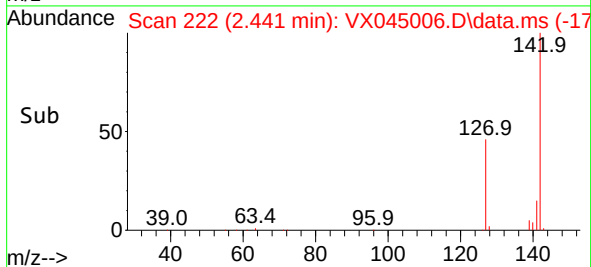
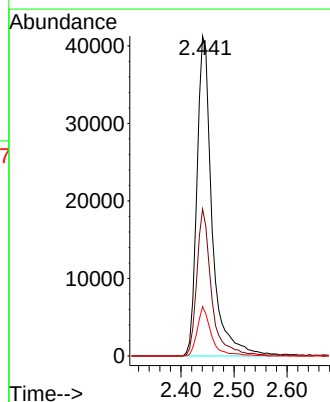
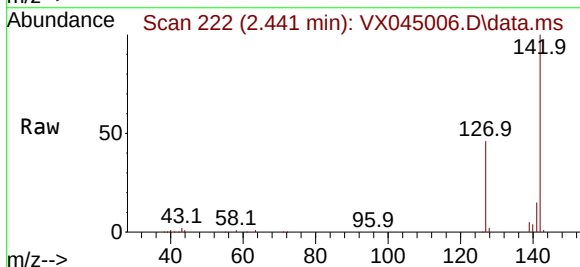
Manual Integrations
APPROVED

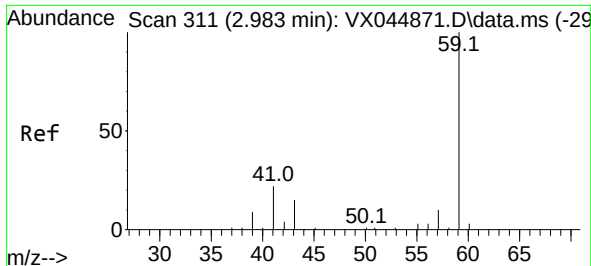
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#10
Methyl Iodide
Concen: 44.764 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

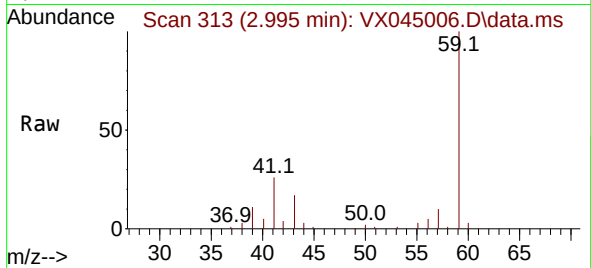
Tgt Ion:142 Resp: 82042
Ion Ratio Lower Upper
142 100
127 44.6 34.3 51.5
141 14.4 11.4 17.2





#11
Tert butyl alcohol
Concen: 190.437 ug/l
RT: 2.995 min Scan# 311
Delta R.T. 0.012 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

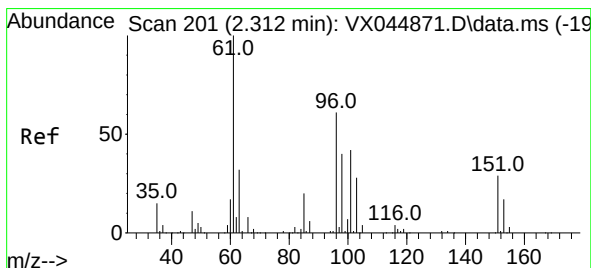
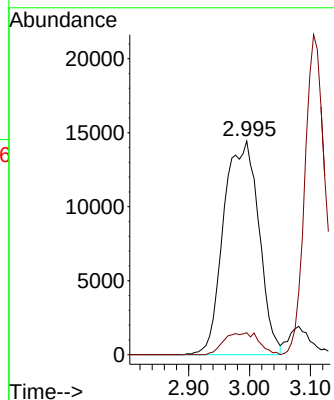
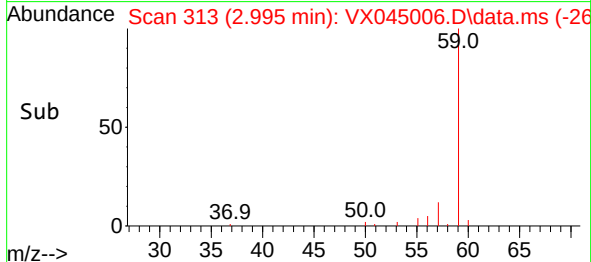
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 57879
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

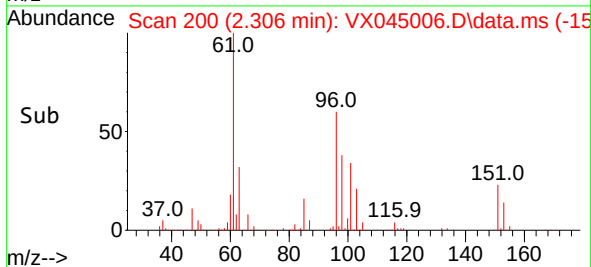
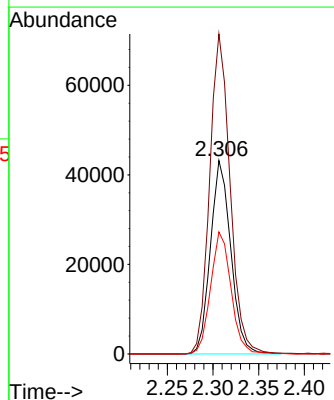
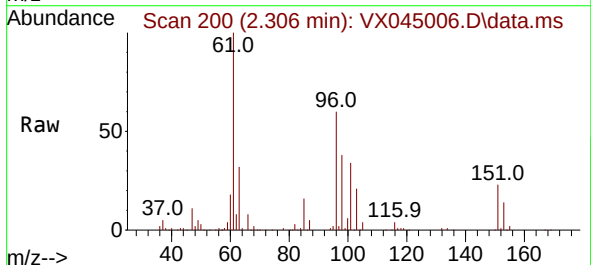
Manual Integrations
APPROVED

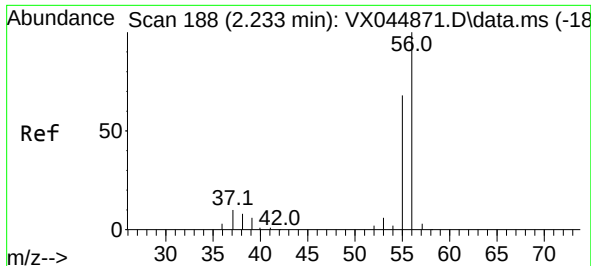
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#12
1,1-Dichloroethene
Concen: 46.457 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

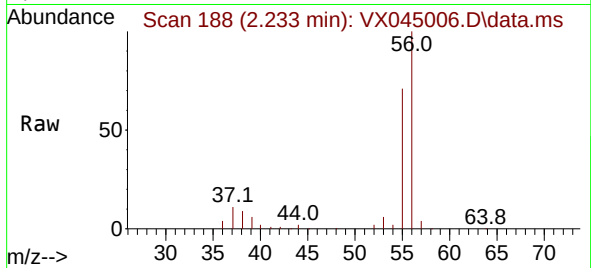
Tgt Ion: 96 Resp: 67015
Ion Ratio Lower Upper
96 100
61 165.5 130.2 195.4
98 63.2 52.2 78.4





#13
Acrolein
Concen: 192.737 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

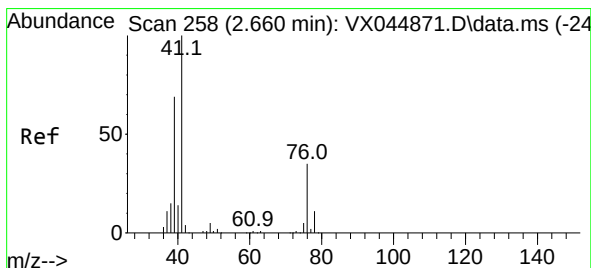
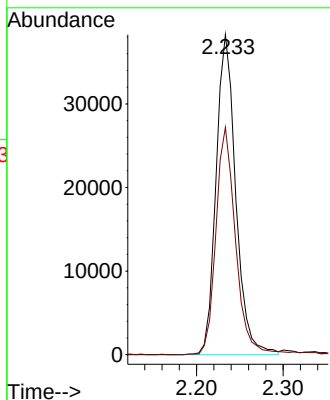
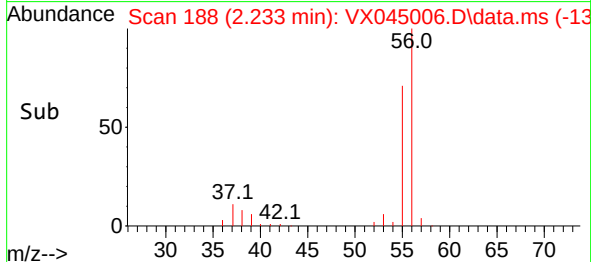
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 60438
Ion Ratio Lower Upper
56 100
55 71.9 55.7 83.5

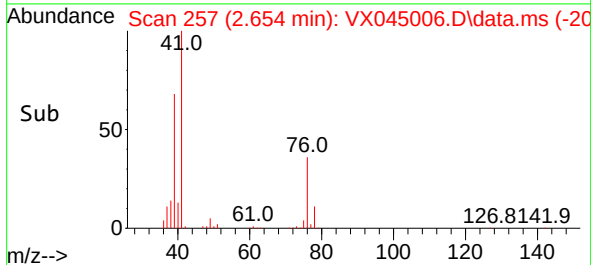
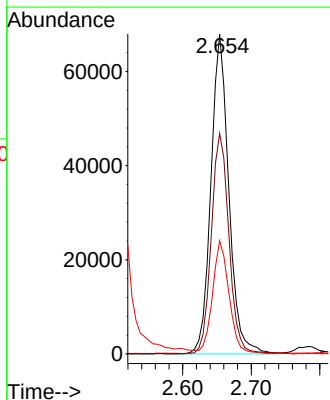
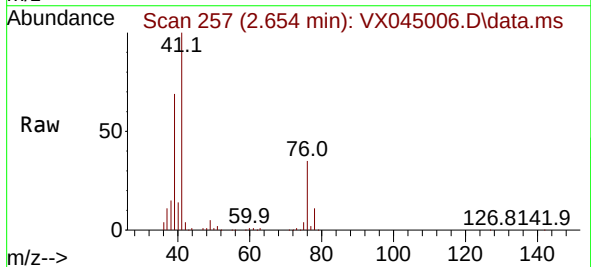
Manual Integrations
APPROVED

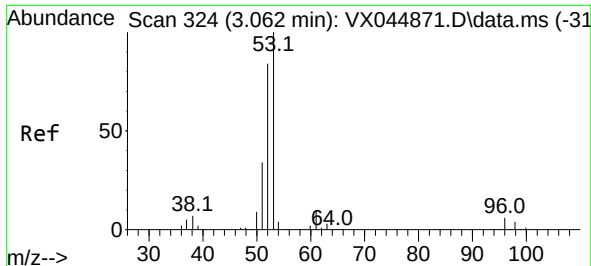
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#14
Allyl chloride
Concen: 47.250 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

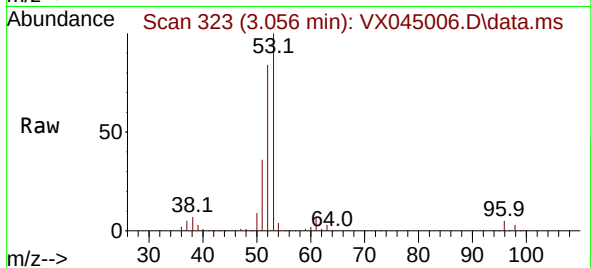
Tgt Ion: 41 Resp: 123182
Ion Ratio Lower Upper
41 100
39 67.5 51.4 77.2
76 32.4 27.0 40.4





#15
Acrylonitrile
Concen: 235.615 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

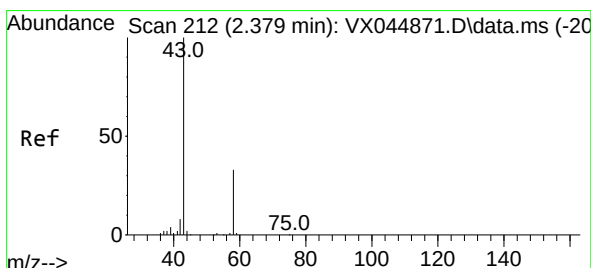
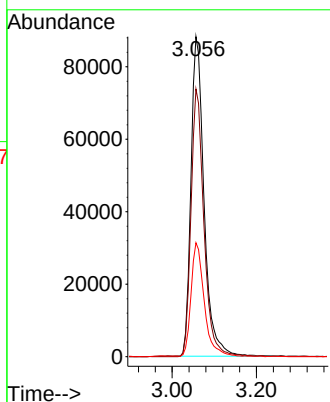
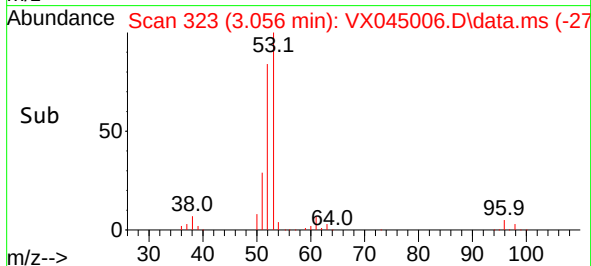
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 19119
Ion Ratio Lower Upper
53 100
52 82.5 65.0 97.6
51 35.5 28.0 42.0

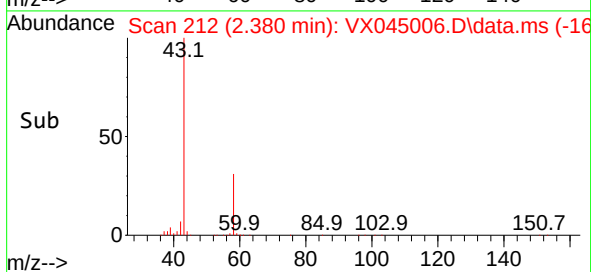
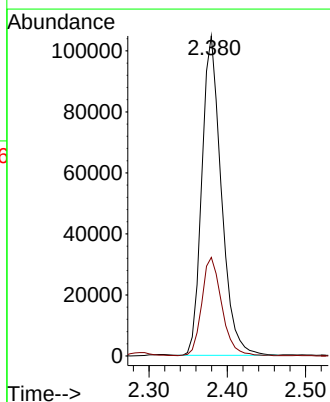
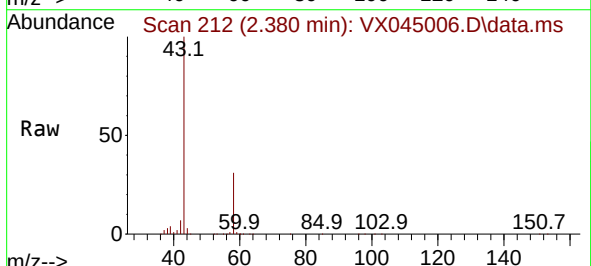
Manual Integrations
APPROVED

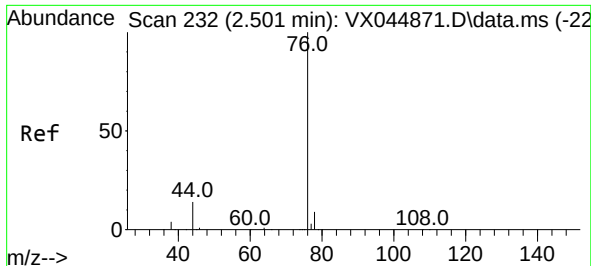
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#16
Acetone
Concen: 274.843 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Tgt Ion: 43 Resp: 181012
Ion Ratio Lower Upper
43 100
58 30.8 26.5 39.7





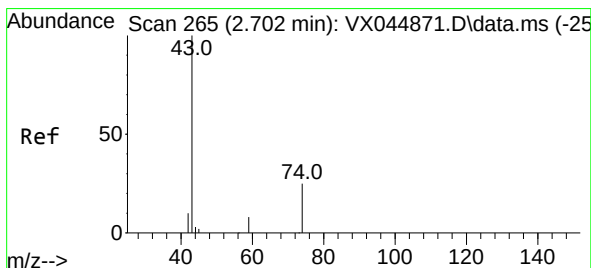
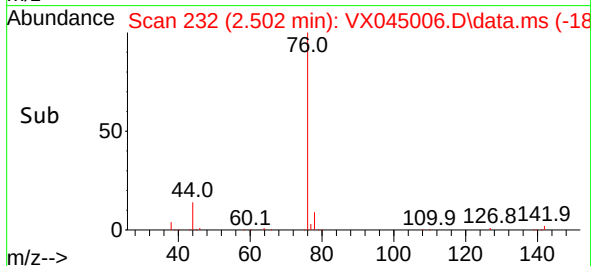
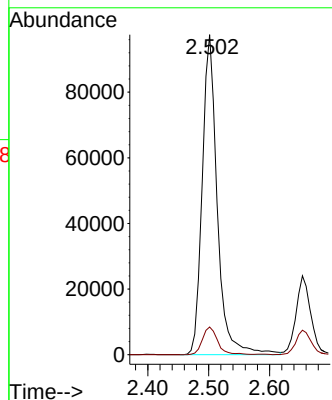
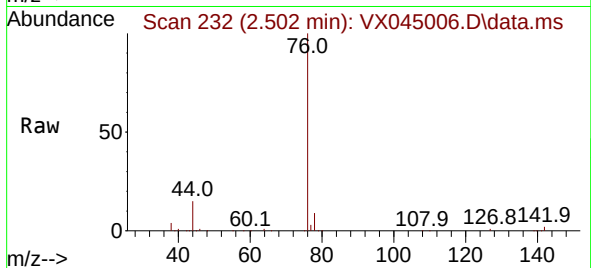
#17
Carbon Disulfide
Concen: 42.328 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 167435
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4

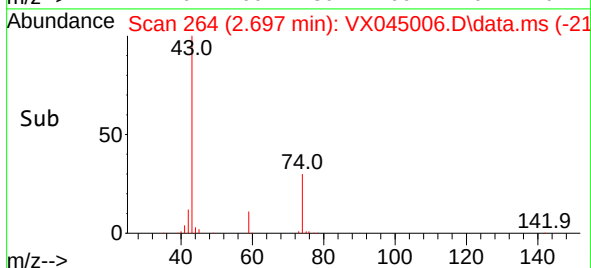
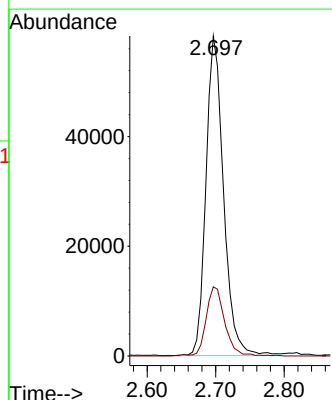
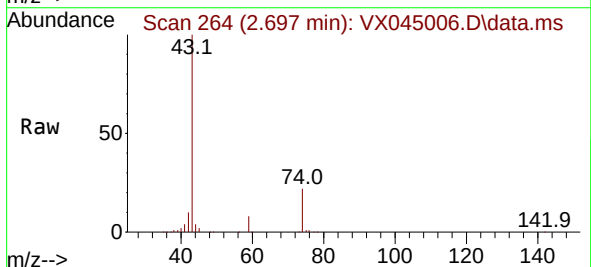
Manual Integrations
APPROVED

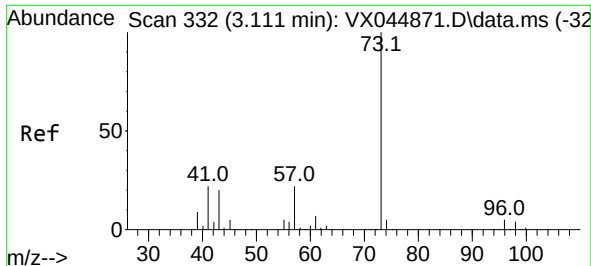
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#18
Methyl Acetate
Concen: 50.120 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Tgt Ion: 43 Resp: 104165
Ion Ratio Lower Upper
43 100
74 22.9 18.9 28.3





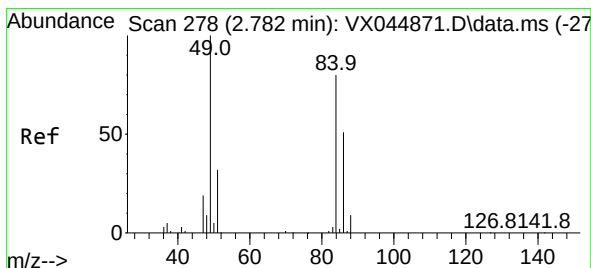
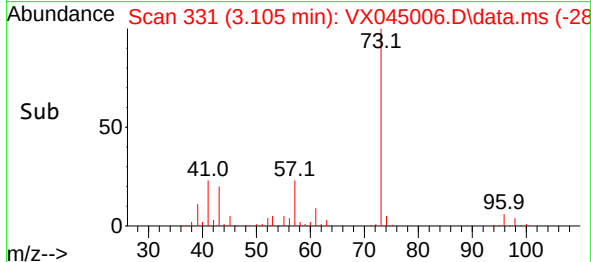
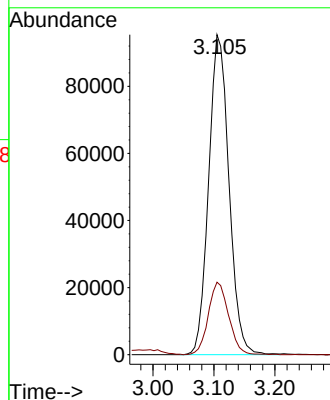
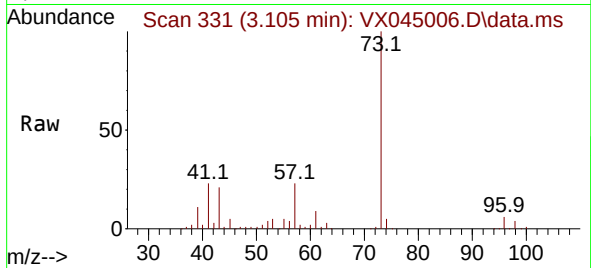
#19
Methyl tert-butyl Ether
Concen: 48.168 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 22107
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9

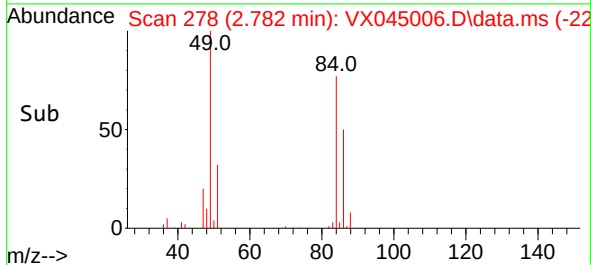
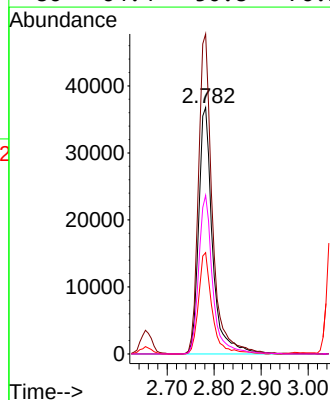
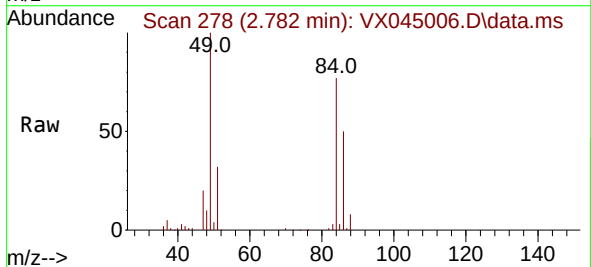
Manual Integrations
APPROVED

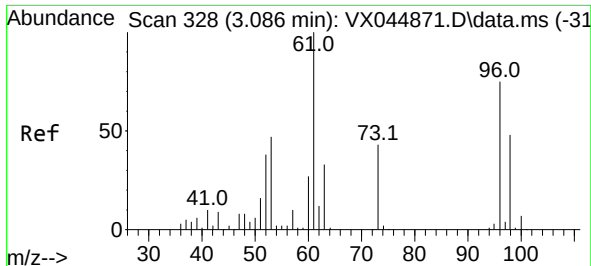
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#20
Methylene Chloride
Concen: 46.876 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

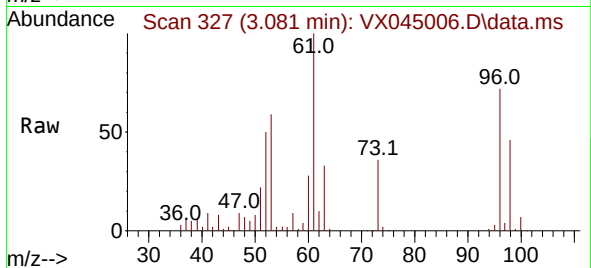
Tgt Ion: 84 Resp: 75620
Ion Ratio Lower Upper
84 100
49 129.9 100.1 150.1
51 41.1 31.7 47.5
86 64.4 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 47.021 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

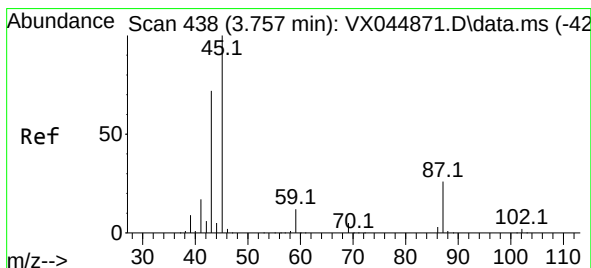
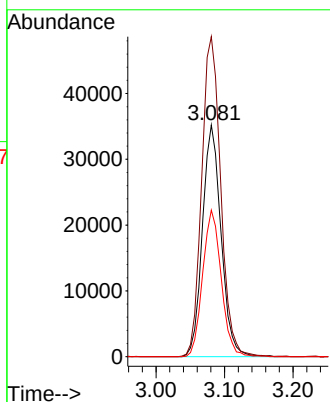
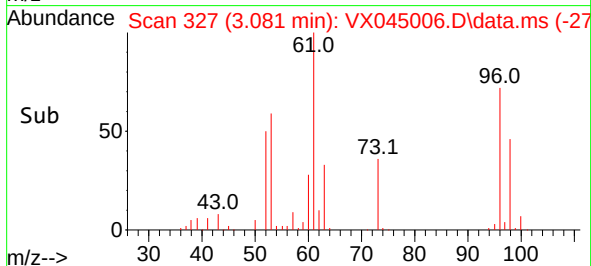
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



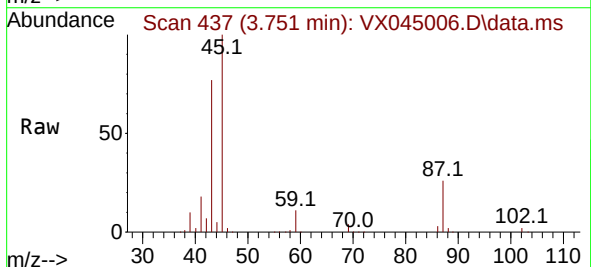
Tgt Ion: 96 Resp: 66758
Ion Ratio Lower Upper
96 100
61 138.1 106.0 159.0
98 63.3 50.6 76.0

Manual Integrations
APPROVED

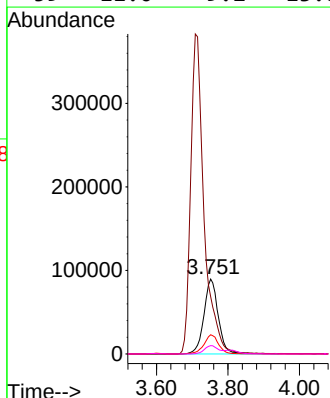
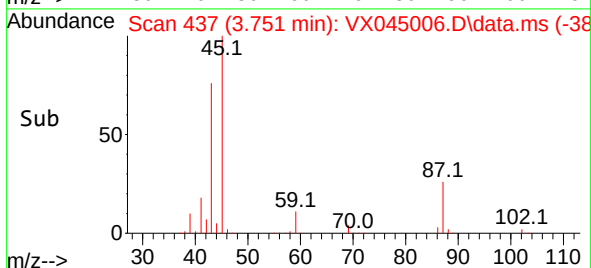
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

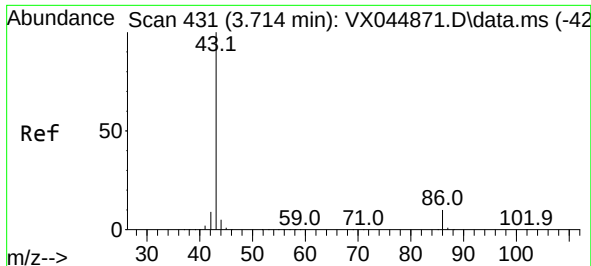


#22
Diisopropyl ether
Concen: 50.505 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07



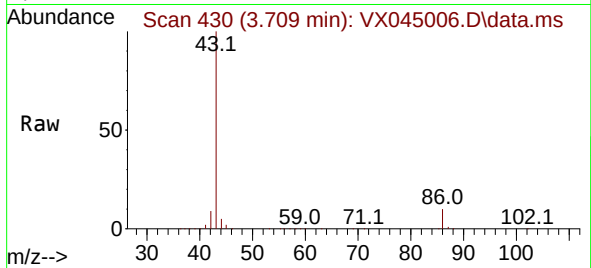
Tgt Ion: 45 Resp: 249101
Ion Ratio Lower Upper
45 100
43 76.5 58.0 87.0
87 25.8 20.7 31.1
59 11.0 9.2 13.8





#23
 Vinyl Acetate
 Concen: 246.998 ug/l
 RT: 3.709 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045006.D
 Acq: 19 Feb 2025 16:07

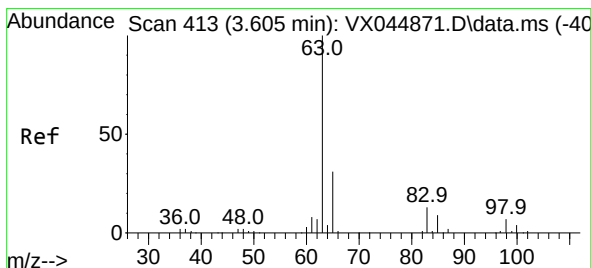
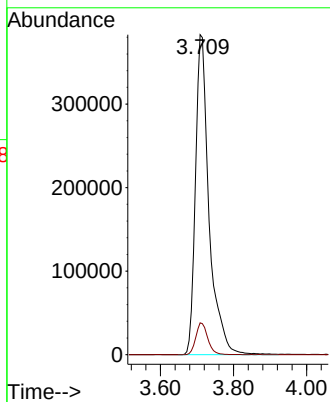
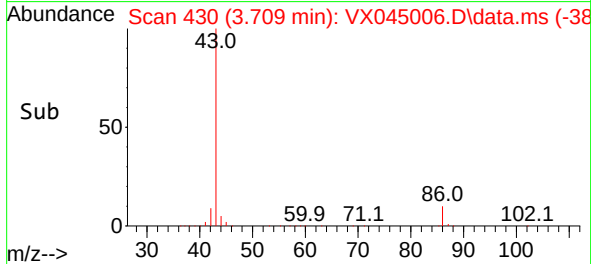
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



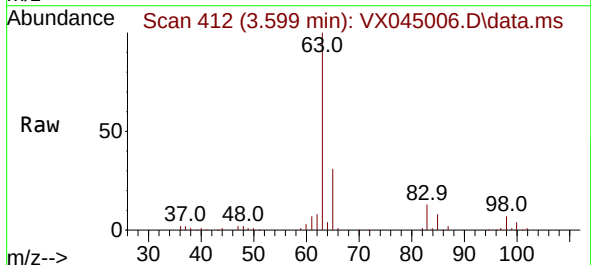
Tgt Ion: 43 Resp: 993172
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.3 12.5

Manual Integrations
 APPROVED

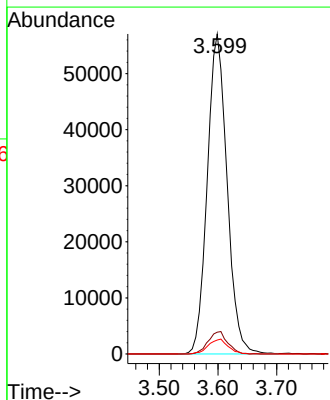
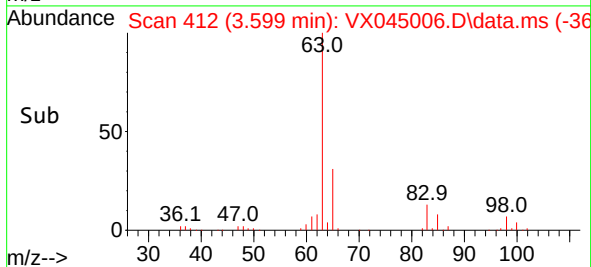
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025

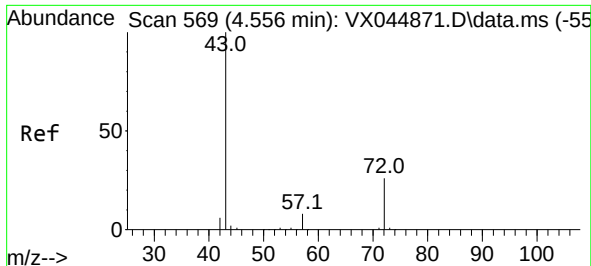


#24
 1,1-Dichloroethane
 Concen: 48.328 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045006.D
 Acq: 19 Feb 2025 16:07



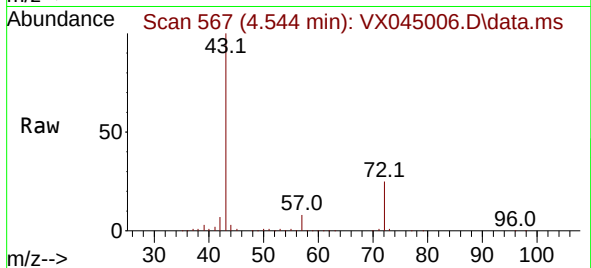
Tgt Ion: 63 Resp: 133372
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 249.467 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

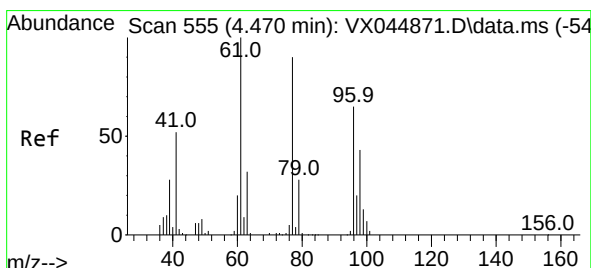
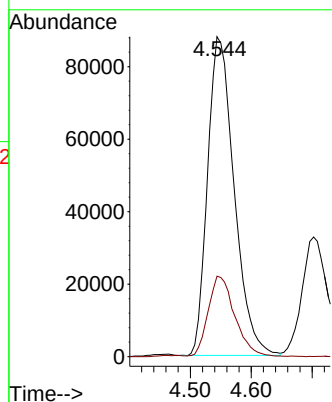
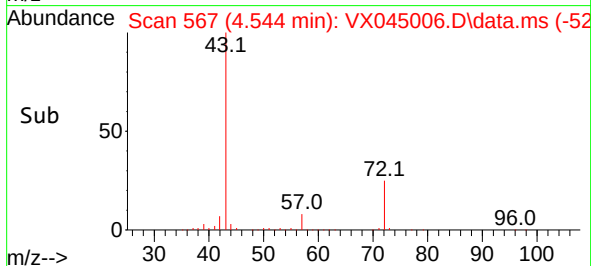
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 266792
Ion Ratio Lower Upper
43 100
72 25.0 21.2 31.8

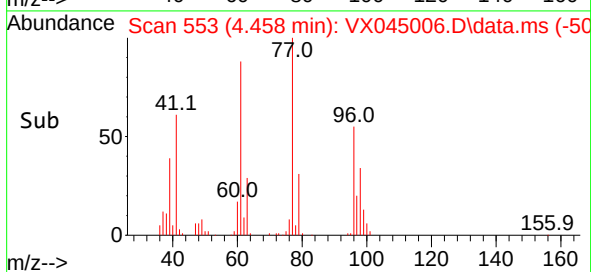
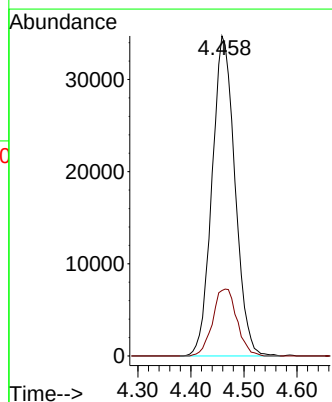
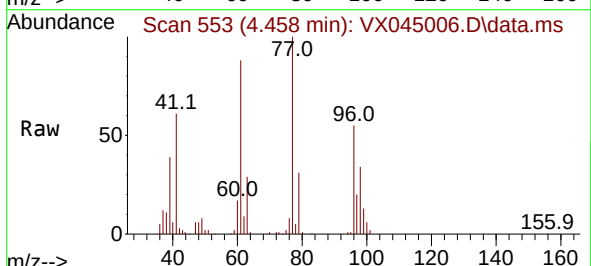
Manual Integrations
APPROVED

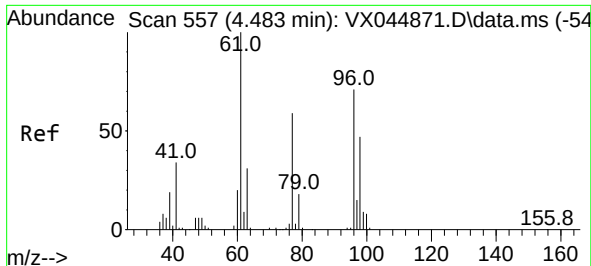
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#26
2,2-Dichloropropane
Concen: 47.669 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.012 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Tgt Ion: 77 Resp: 104327
Ion Ratio Lower Upper
77 100
97 22.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 48.837 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX045006.D

Acq: 19 Feb 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

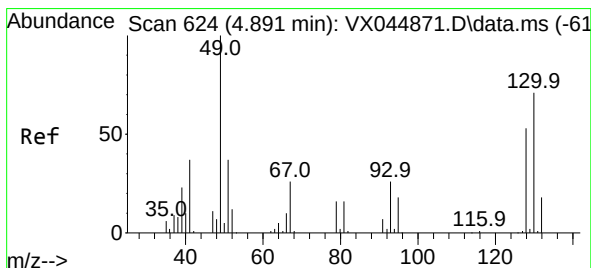
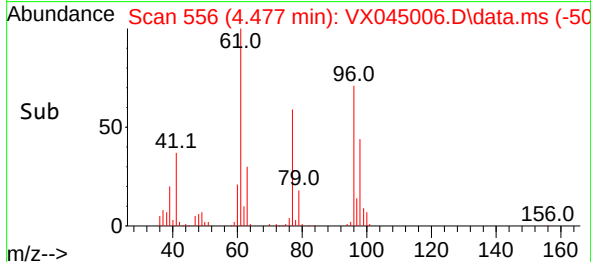
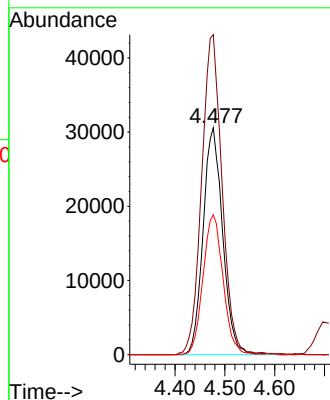
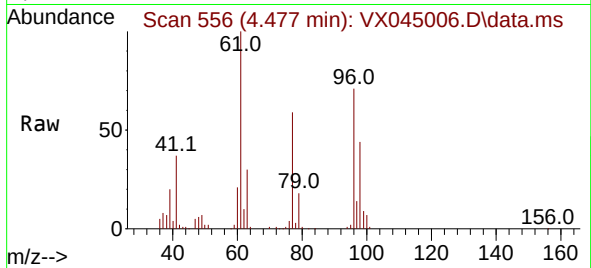
Tgt Ion: 96	Resp: 8328
Ion Ratio	Lower Upper
96 100	
61 146.8	0.0 294.0
98 63.2	0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#28

Bromochloromethane

Concen: 48.698 ug/l

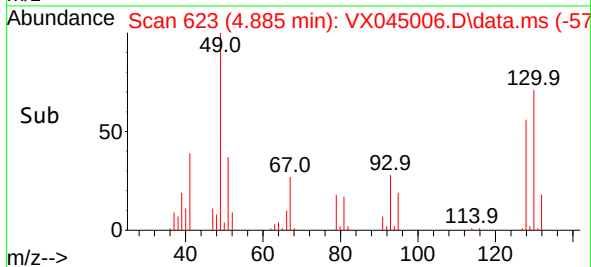
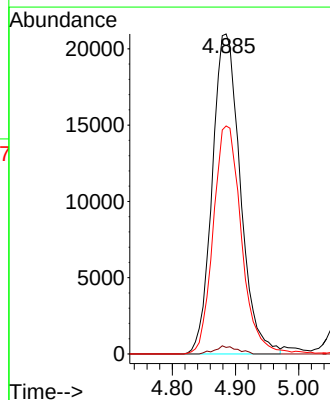
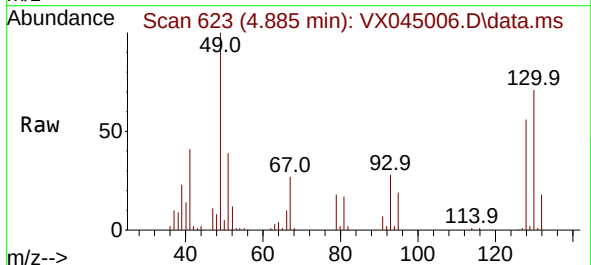
RT: 4.885 min Scan# 623

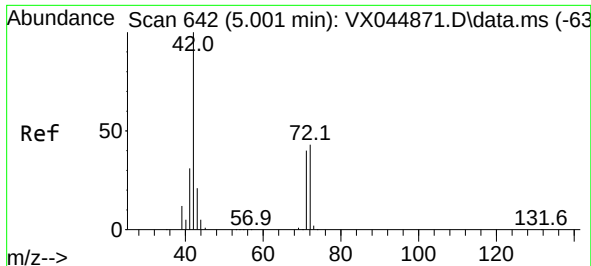
Delta R.T. -0.006 min

Lab File: VX045006.D

Acq: 19 Feb 2025 16:07

Tgt Ion: 49	Resp: 64586
Ion Ratio	Lower Upper
49 100	
129 2.0	0.0 3.6
130 71.3	56.7 85.1





#29

Tetrahydrofuran

Concen: 235.701 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX045006.D

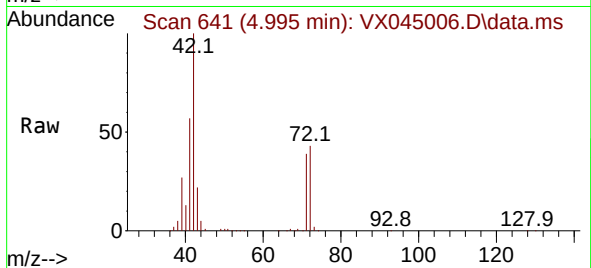
Acq: 19 Feb 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 167380

Ion Ratio Lower Upper

42 100

72 42.5 35.0 52.4

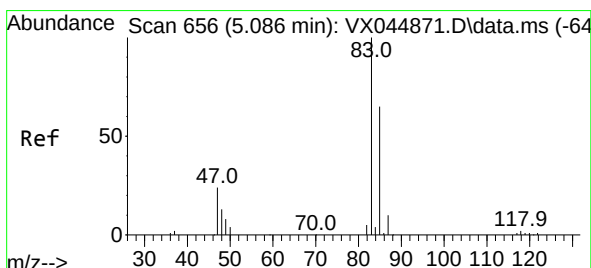
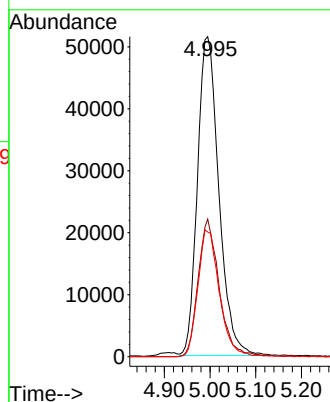
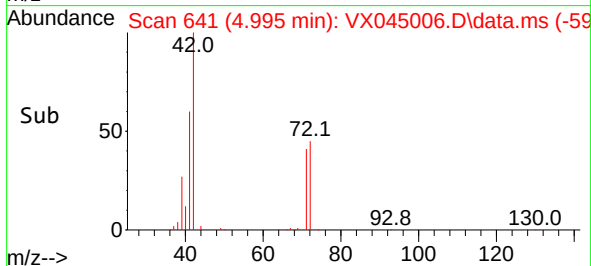
71 40.0 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#30

Chloroform

Concen: 49.659 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX045006.D

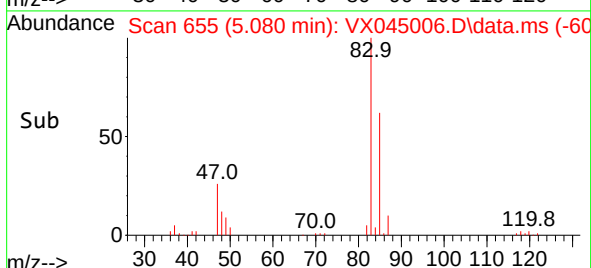
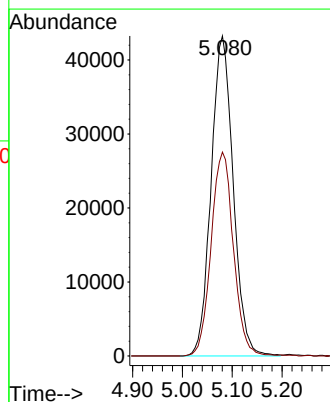
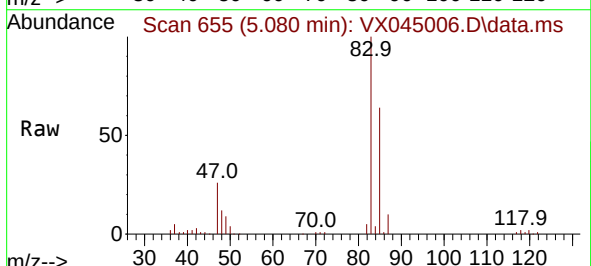
Acq: 19 Feb 2025 16:07

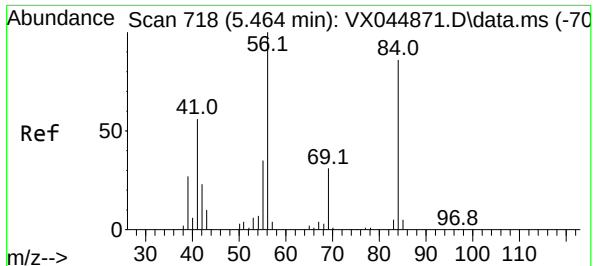
Tgt Ion: 83 Resp: 132906

Ion Ratio Lower Upper

83 100

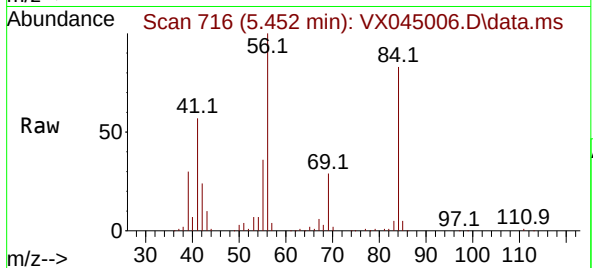
85 63.7 52.1 78.1





#31
Cyclohexane
Concen: 46.244 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

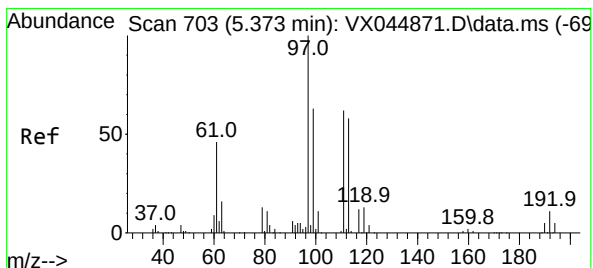
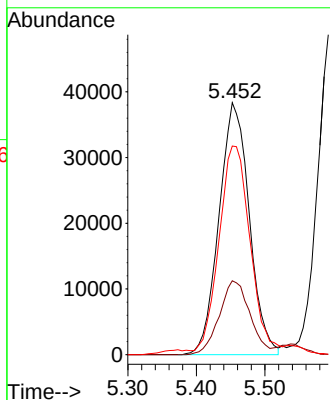
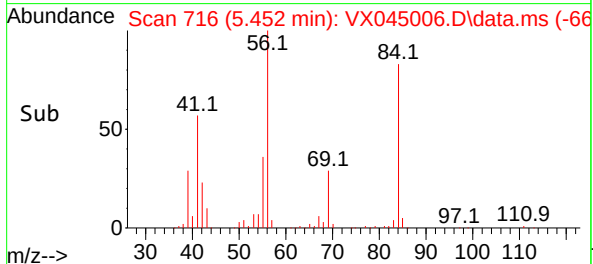
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 117654
Ion Ratio Lower Upper
56 100
69 29.3 24.4 36.6
84 80.8 69.0 103.6

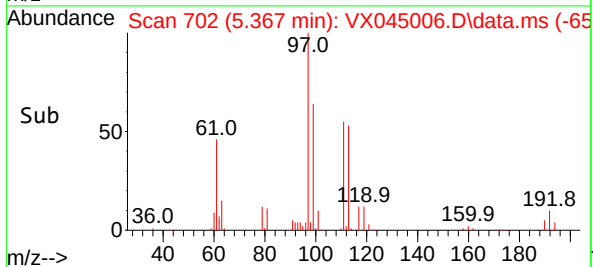
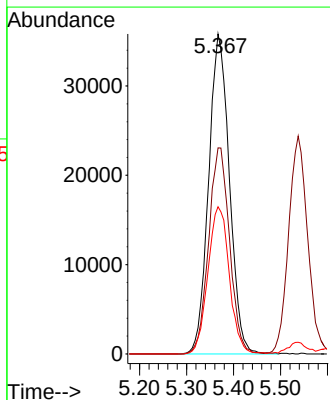
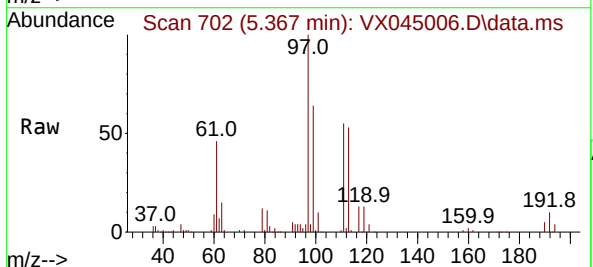
Manual Integrations
APPROVED

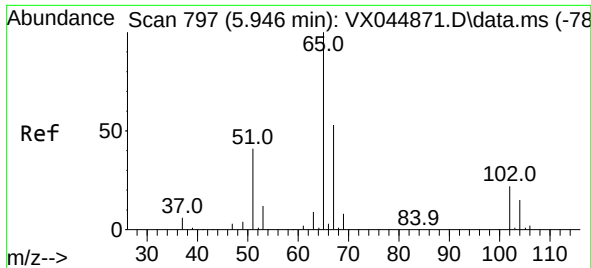
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#32
1,1,1-Trichloroethane
Concen: 48.455 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Tgt Ion: 97 Resp: 109999
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.6
61 47.4 36.6 55.0





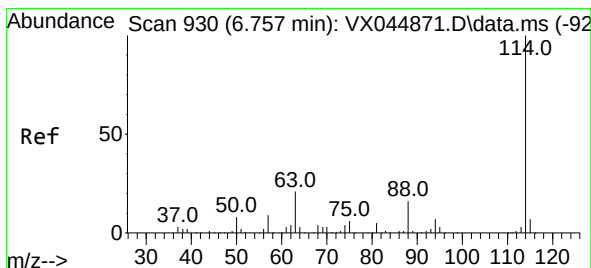
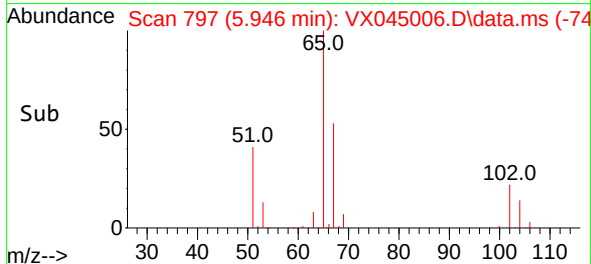
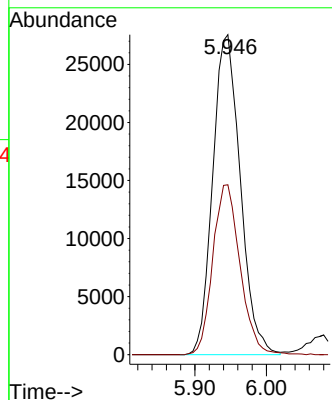
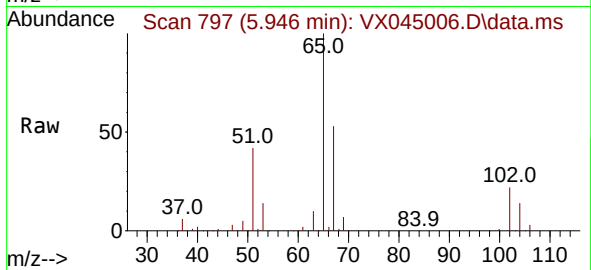
#33
1,2-Dichloroethane-d4
Concen: 45.020 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 73750
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.2

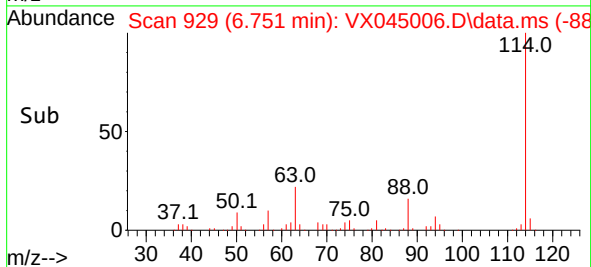
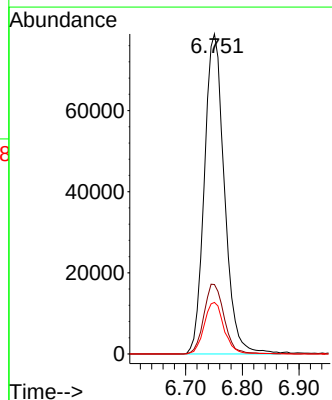
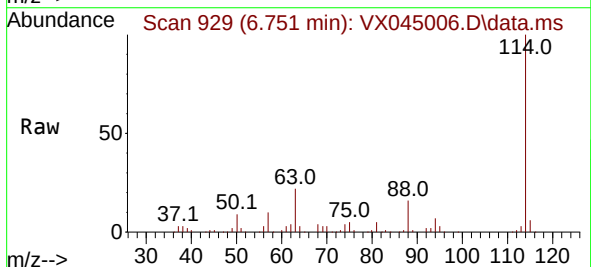
Manual Integrations
APPROVED

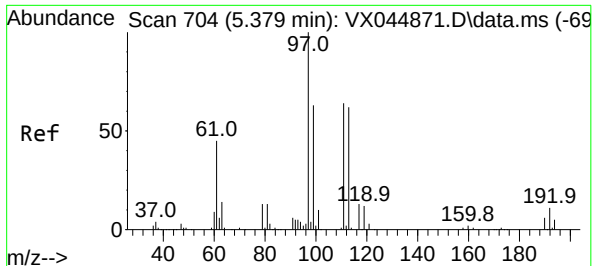
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

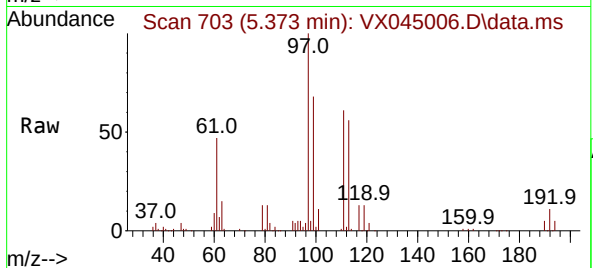
Tgt Ion:114 Resp: 193437
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.4
88 16.1 0.0 31.4





#35
Dibromofluoromethane
Concen: 46.411 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

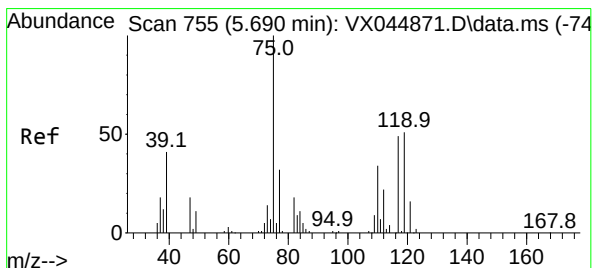
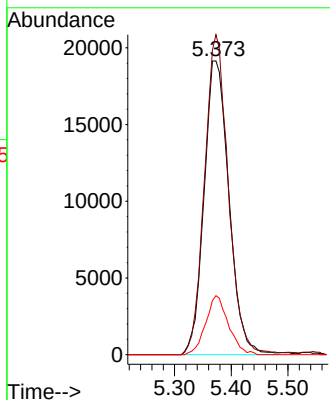
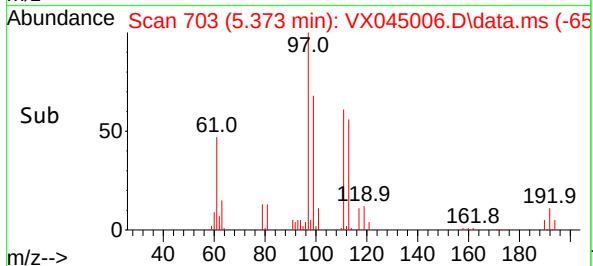
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 58370
Ion Ratio Lower Upper
113 100
111 104.3 83.5 125.3
192 18.4 14.4 21.6

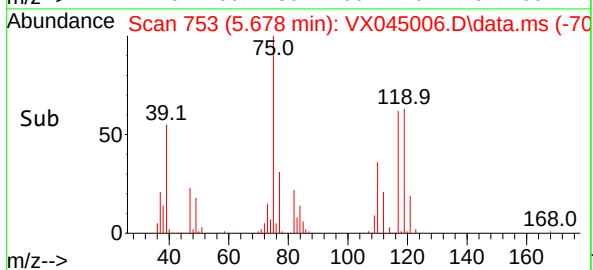
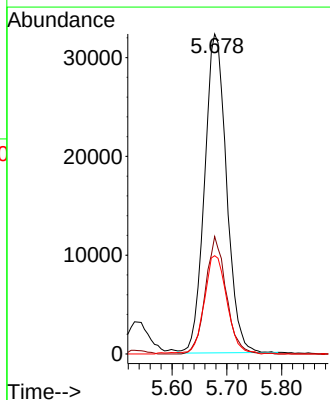
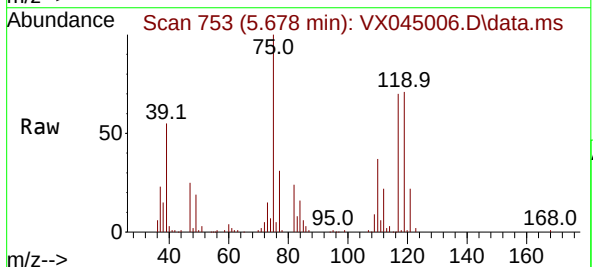
Manual Integrations
APPROVED

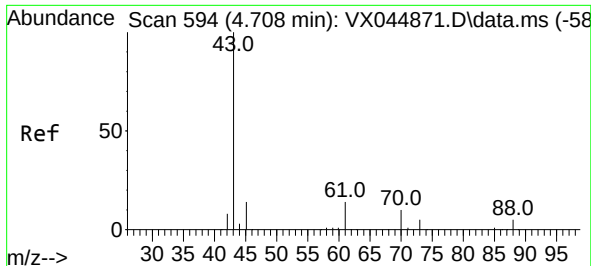
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#36
1,1-Dichloropropene
Concen: 49.454 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.012 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

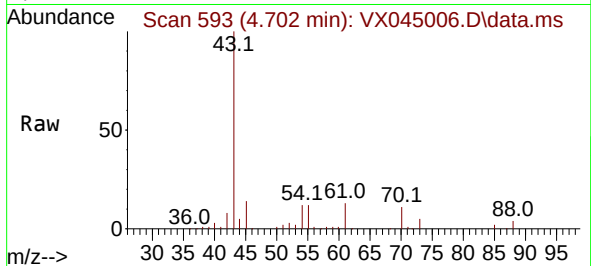
Tgt Ion: 75 Resp: 89732
Ion Ratio Lower Upper
75 100
110 34.7 17.2 51.6
77 31.9 24.6 37.0





#37
Ethyl Acetate
Concen: 47.702 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

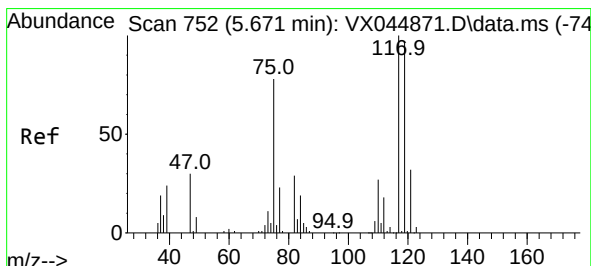
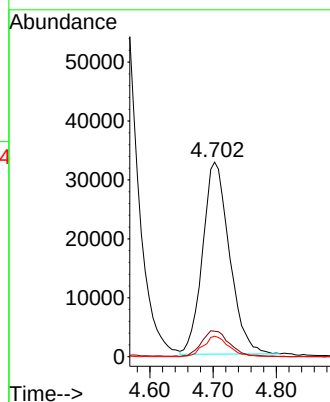
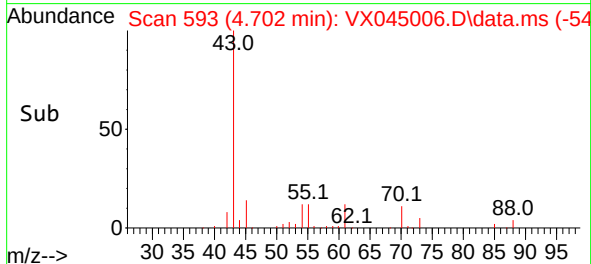
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 96272
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.4
70 10.2 8.2 12.2

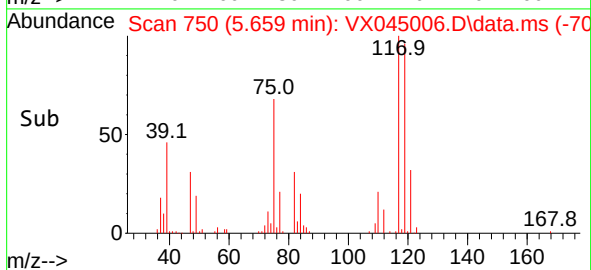
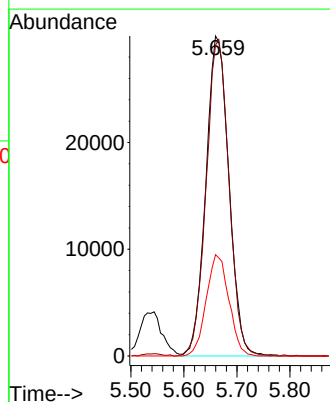
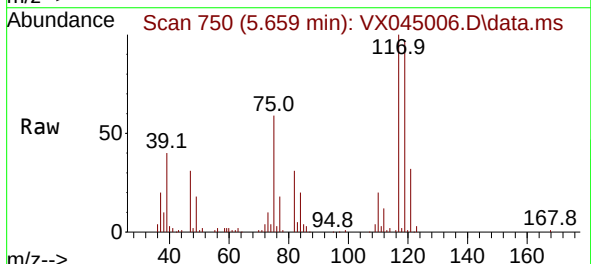
Manual Integrations
APPROVED

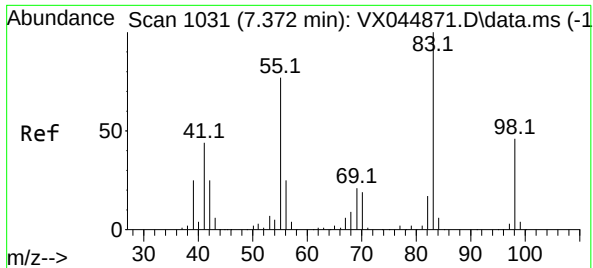
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#38
Carbon Tetrachloride
Concen: 50.981 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Tgt Ion:117 Resp: 90648
Ion Ratio Lower Upper
117 100
119 97.2 77.5 116.3
121 31.6 25.6 38.4





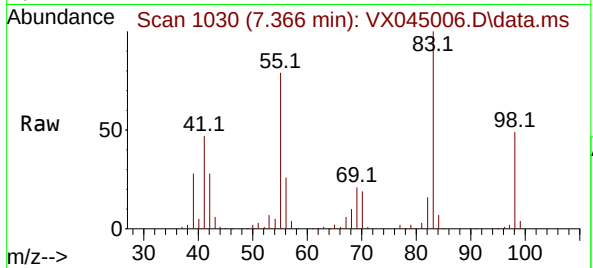
#39
Methylcyclohexane
Concen: 51.917 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



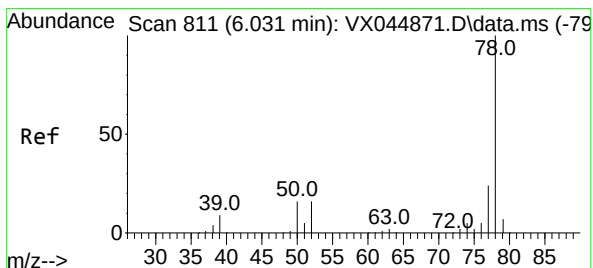
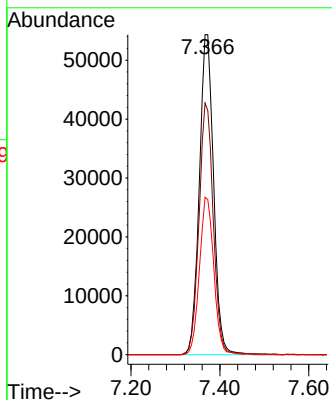
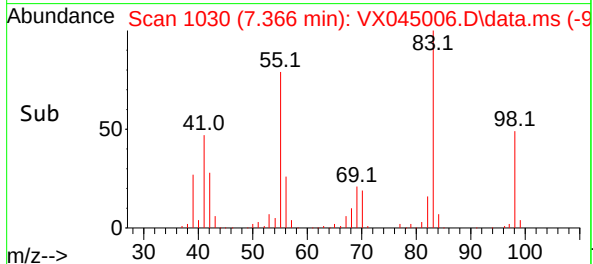
Tgt Ion: 83 Resp: 121788
Ion Ratio Lower Upper
83 100
55 78.6 61.3 91.9
98 49.2 37.0 55.6

Manual Integrations

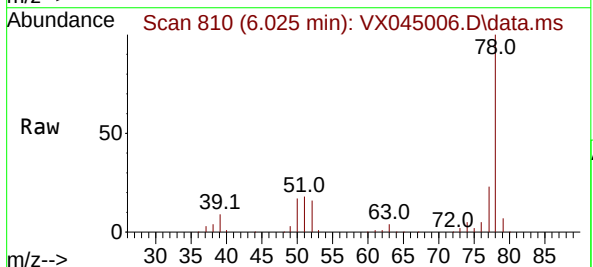
APPROVED

Reviewed By :John Carlone 02/20/2025

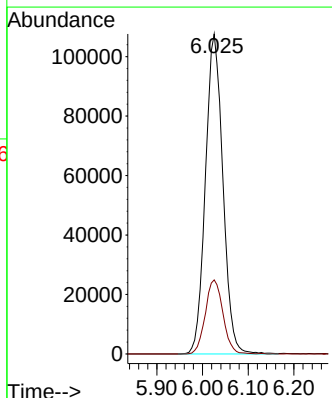
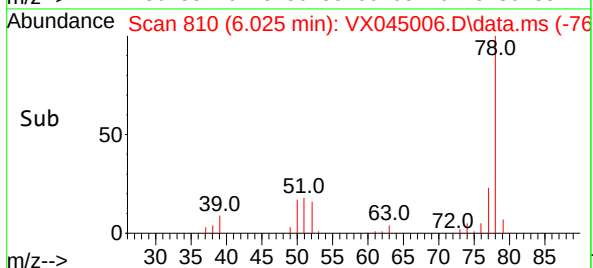
Supervised By :Mahesh Dadoda 02/20/2025

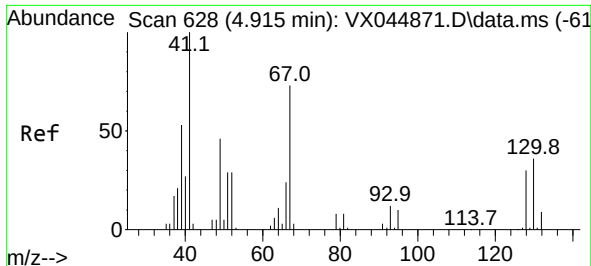


#40
Benzene
Concen: 50.342 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07



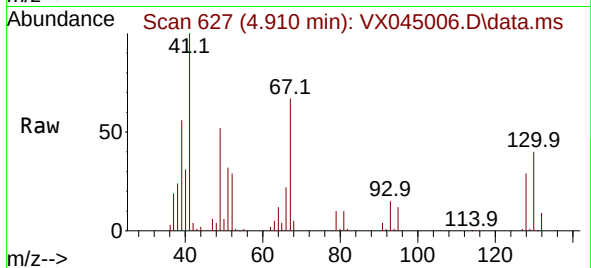
Tgt Ion: 78 Resp: 285227
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.6





#41
Methacrylonitrile
Concen: 54.084 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

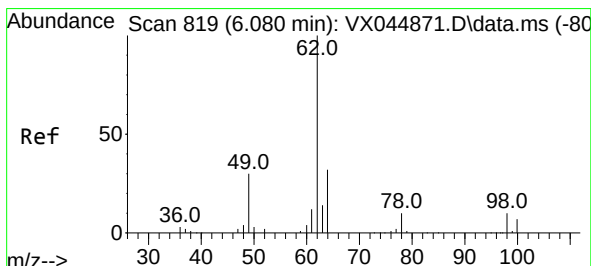
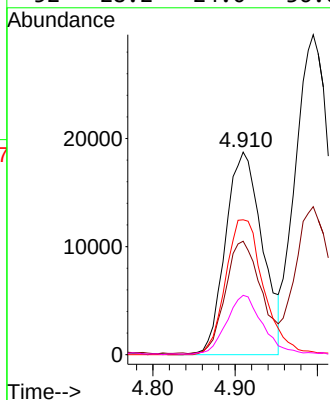
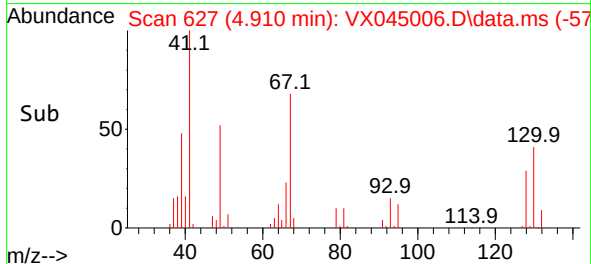
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 58420
Ion Ratio Lower Upper
41 100
39 54.2 43.1 64.7
67 69.2 57.0 85.6
52 28.2 24.0 36.0

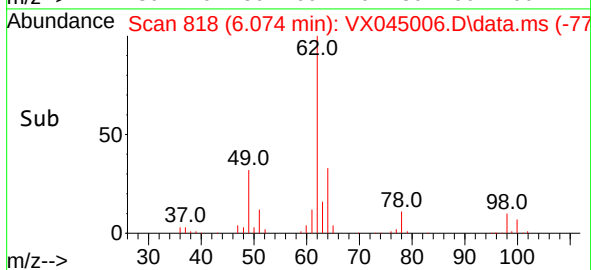
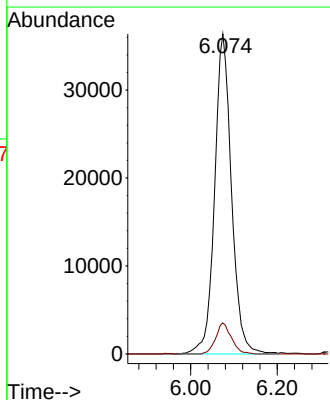
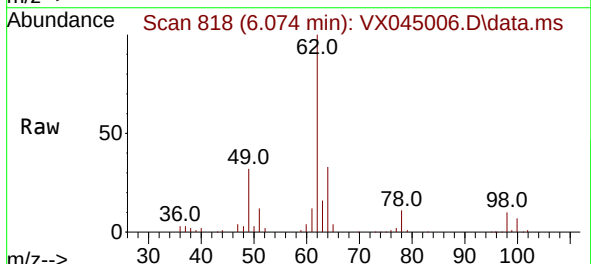
Manual Integrations
APPROVED

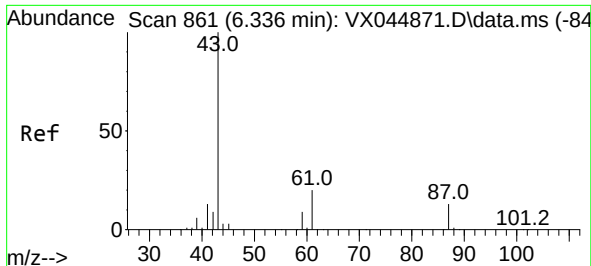
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#42
1,2-Dichloroethane
Concen: 54.562 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

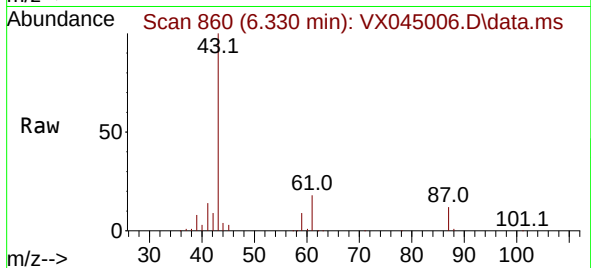
Tgt Ion: 62 Resp: 98526
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 51.356 ug/l
RT: 6.330 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

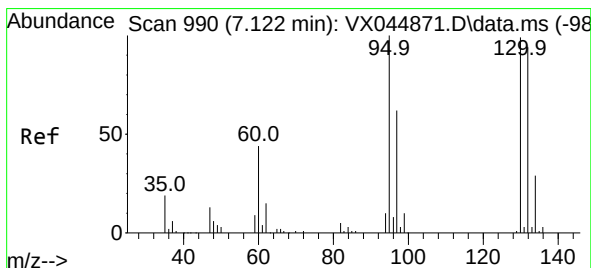
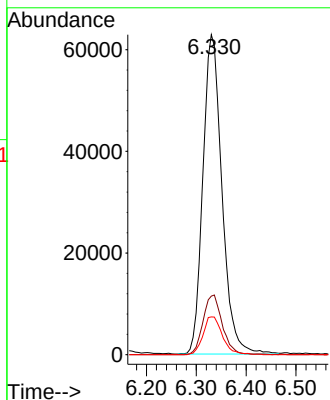
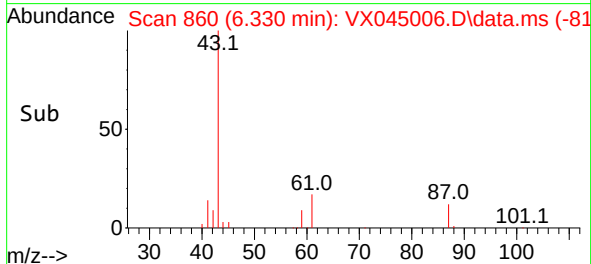
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 167374
Ion Ratio Lower Upper
43 100
61 18.7 15.8 23.8
87 12.0 10.0 15.0

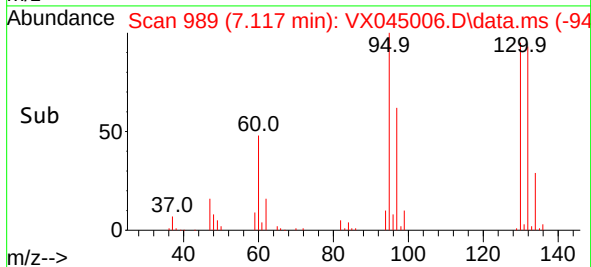
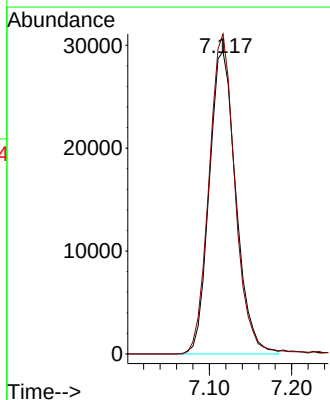
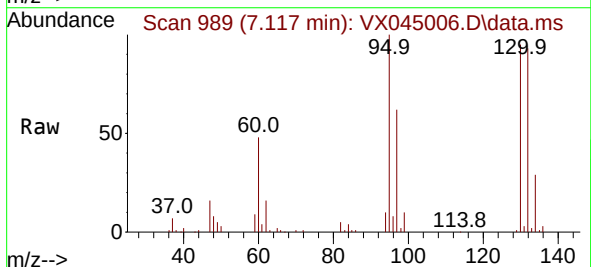
Manual Integrations
APPROVED

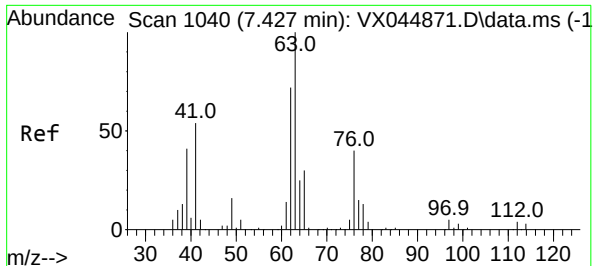
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#44
Trichloroethene
Concen: 51.168 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Tgt Ion:130 Resp: 66265
Ion Ratio Lower Upper
130 100
95 105.8 0.0 202.4





#45

1,2-Dichloropropane

Concen: 50.870 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045006.D

Acq: 19 Feb 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7170

Ion Ratio Lower Upper

63 100

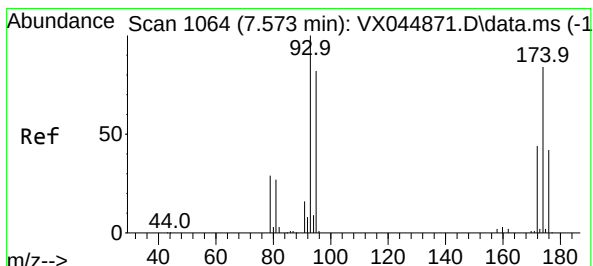
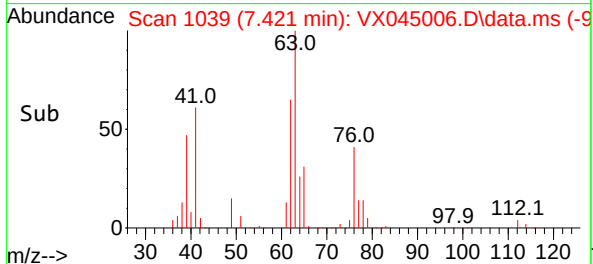
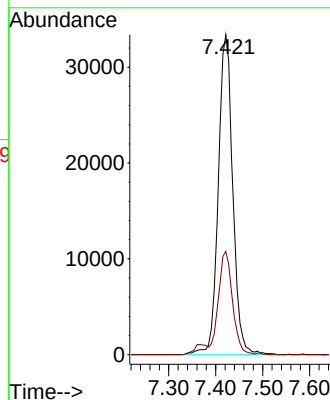
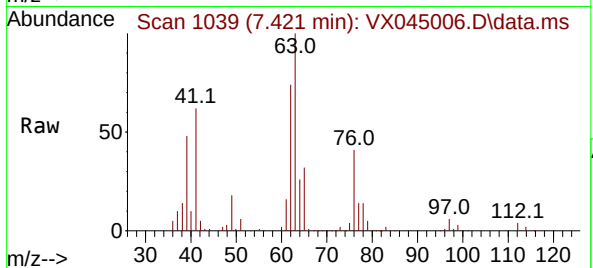
65 32.3 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#46

Dibromomethane

Concen: 52.205 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045006.D

Acq: 19 Feb 2025 16:07

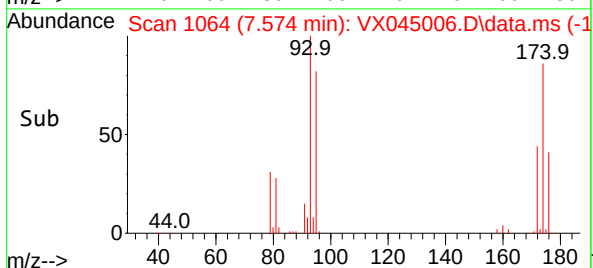
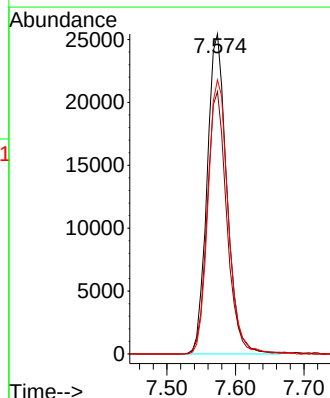
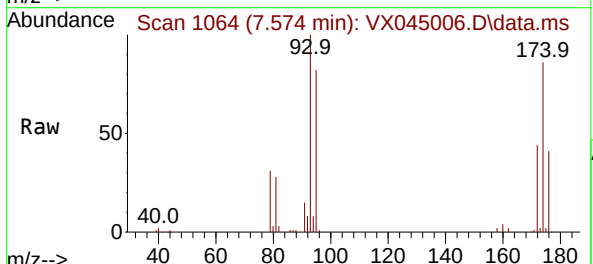
Tgt Ion: 93 Resp: 51032

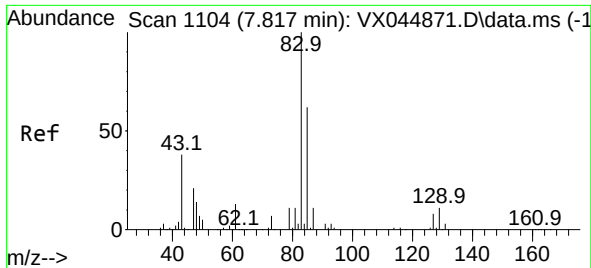
Ion Ratio Lower Upper

93 100

95 81.6 66.2 99.4

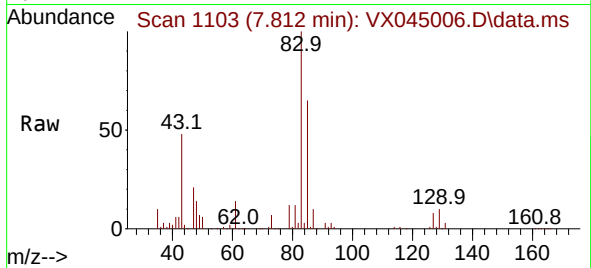
174 87.7 69.9 104.9





#47
Bromodichloromethane
Concen: 53.952 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

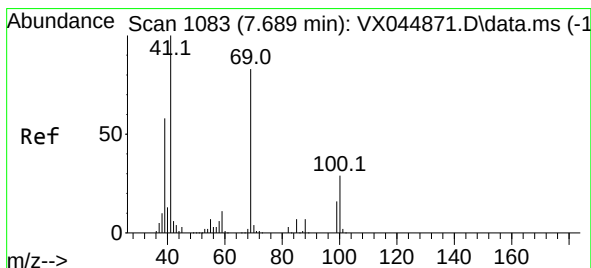
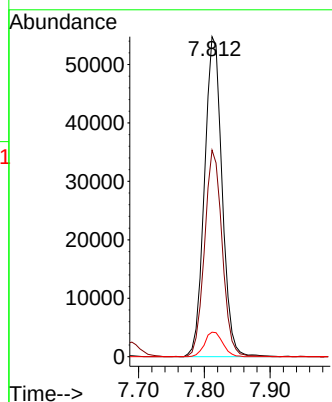
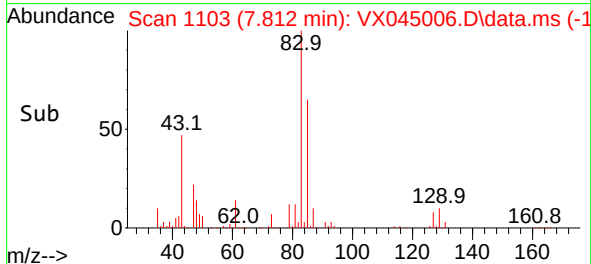
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 102120
Ion Ratio Lower Upper
83 100
85 64.5 50.0 75.0
127 7.7 6.4 9.6

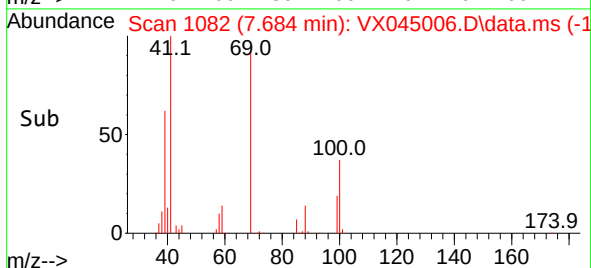
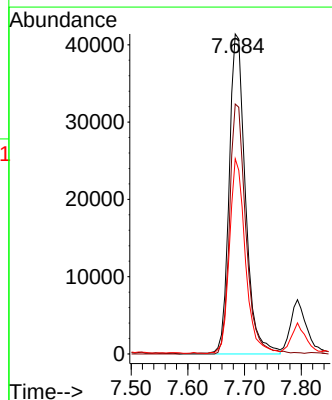
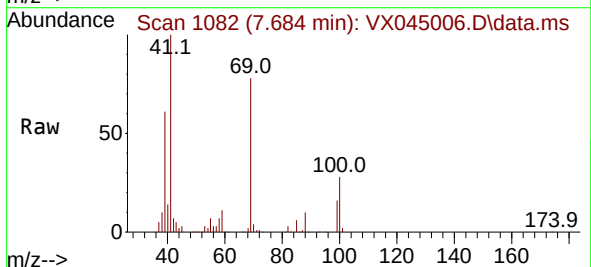
Manual Integrations
APPROVED

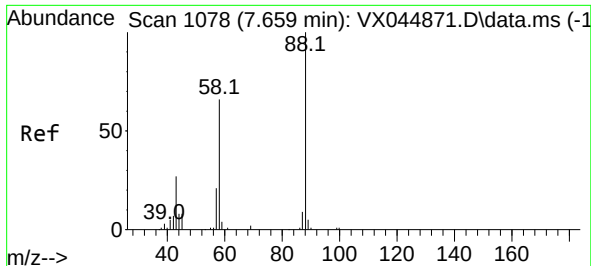
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#48
Methyl methacrylate
Concen: 53.815 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Tgt Ion: 41 Resp: 82698
Ion Ratio Lower Upper
41 100
69 78.2 65.8 98.8
39 59.2 46.4 69.6





#49

1,4-Dioxane

Concen: 890.209 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX045006.D

Acq: 19 Feb 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

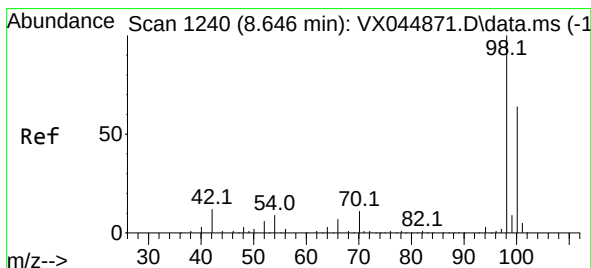
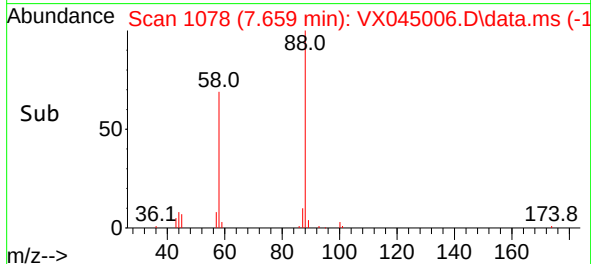
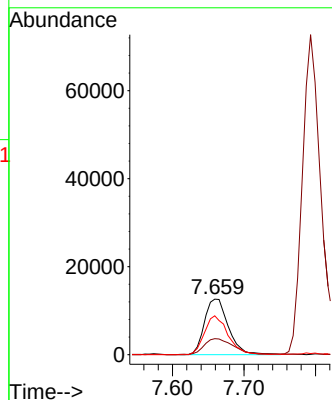
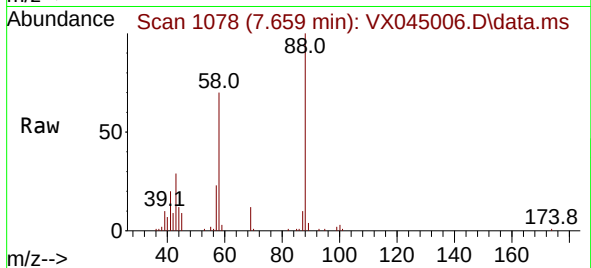
Tgt Ion:	88	Resp:	29350
Ion	Ratio	Lower	Upper
88	100		
43	35.2	26.6	39.8
58	68.8	55.9	83.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#50

Toluene-d8

Concen: 45.220 ug/l

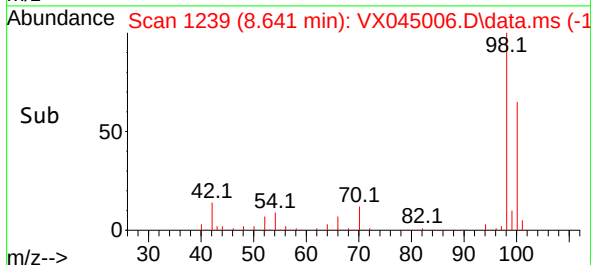
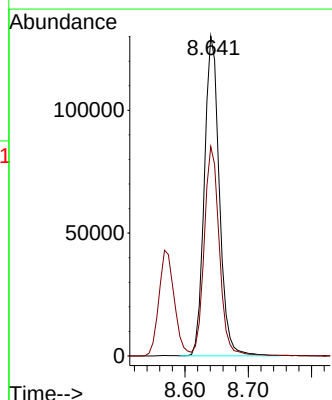
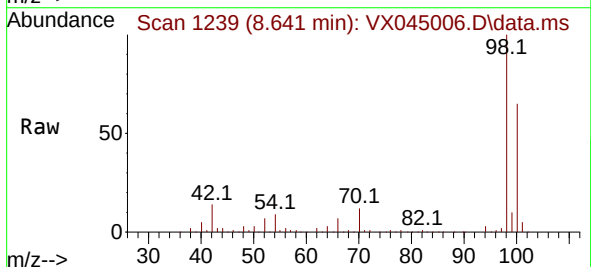
RT: 8.641 min Scan# 1239

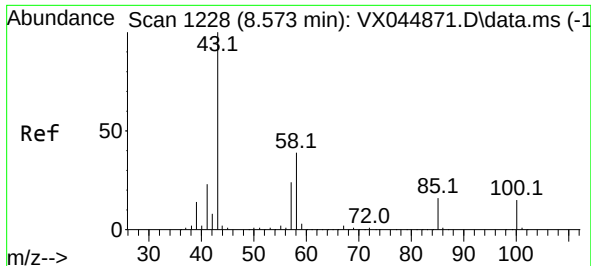
Delta R.T. -0.006 min

Lab File: VX045006.D

Acq: 19 Feb 2025 16:07

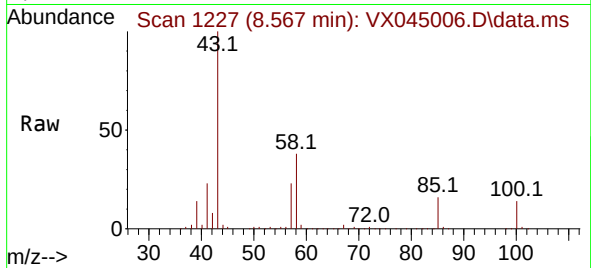
Tgt Ion:	98	Resp:	215053
Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.7	79.1





#51
4-Methyl-2-Pentanone
Concen: 264.991 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

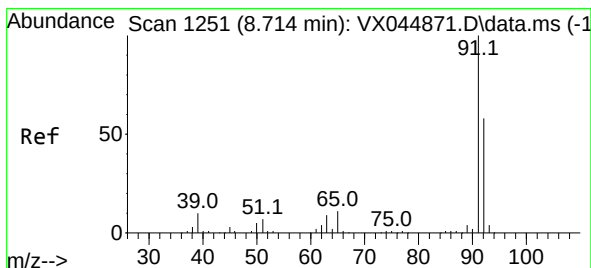
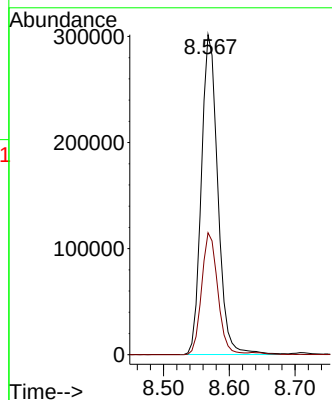
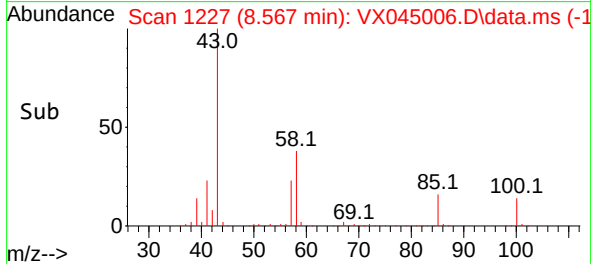
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 525038
Ion Ratio Lower Upper
43 100
58 37.4 30.8 46.2

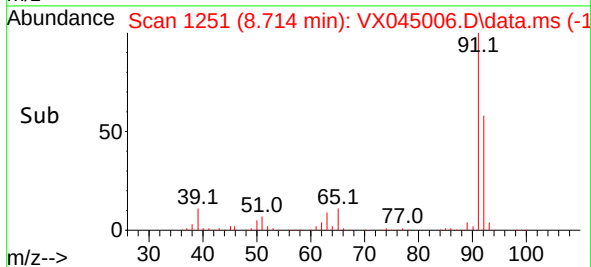
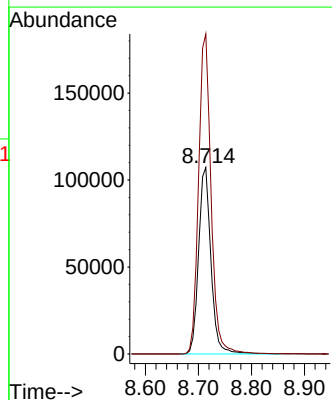
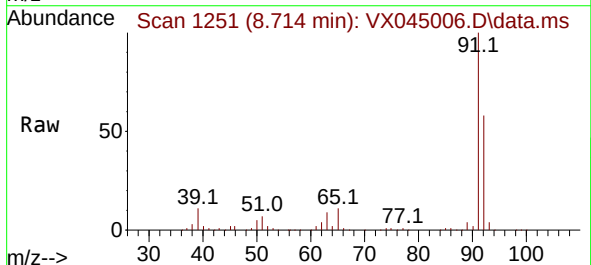
Manual Integrations
APPROVED

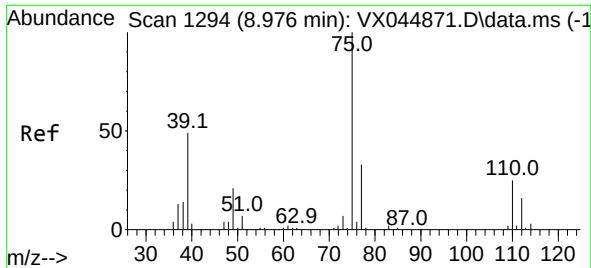
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#52
Toluene
Concen: 51.432 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Tgt Ion: 92 Resp: 173548
Ion Ratio Lower Upper
92 100
91 173.6 137.4 206.2





#53
t-1,3-Dichloropropene
Concen: 52.189 ug/l
RT: 8.970 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

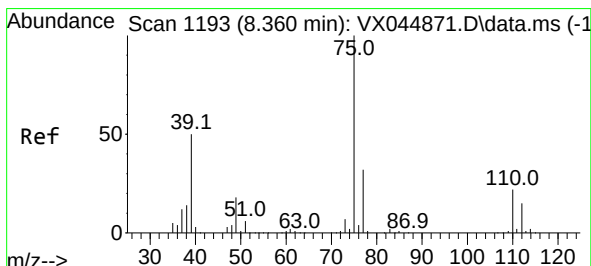
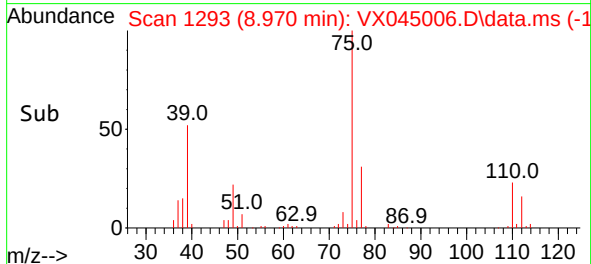
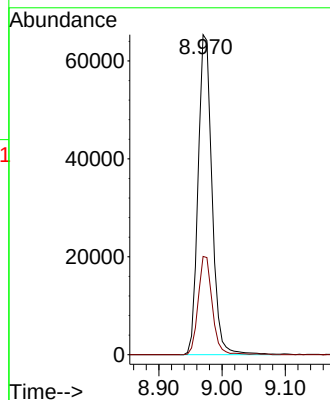
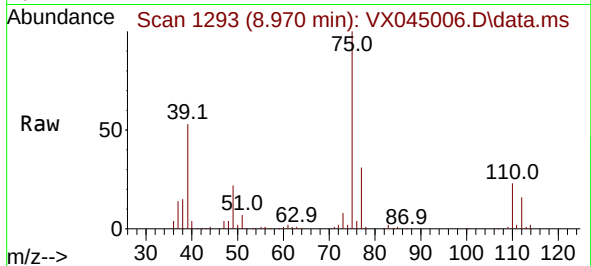
VSTDCCC050EC

Tgt Ion: 75 Resp: 99964
Ion Ratio Lower Upper
75 100
77 30.7 26.0 39.0

Manual Integrations

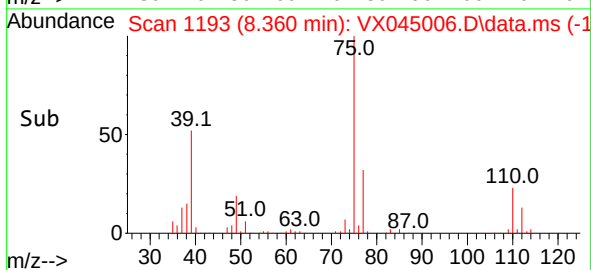
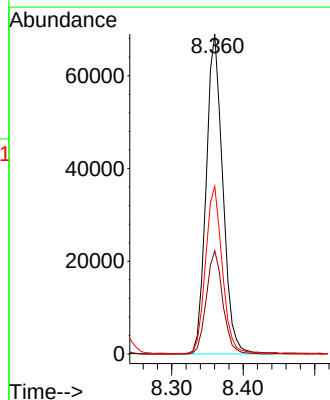
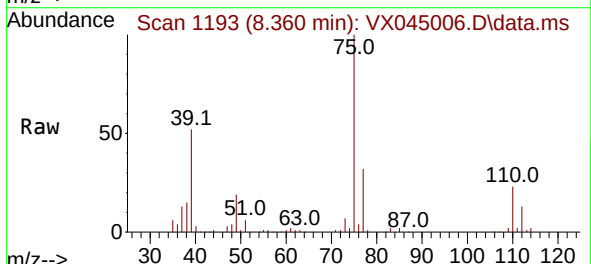
APPROVED

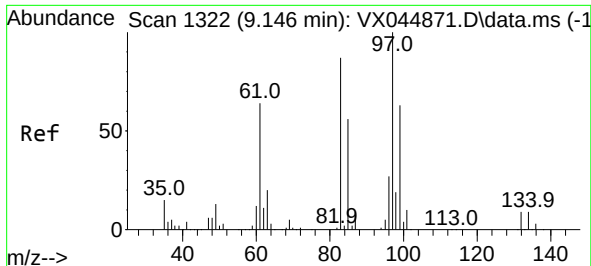
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#54
cis-1,3-Dichloropropene
Concen: 52.163 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Tgt Ion: 75 Resp: 111401
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 52.1 40.0 60.0





#55

1,1,2-Trichloroethane

Concen: 52.524 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX045006.D

Acq: 19 Feb 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 68130

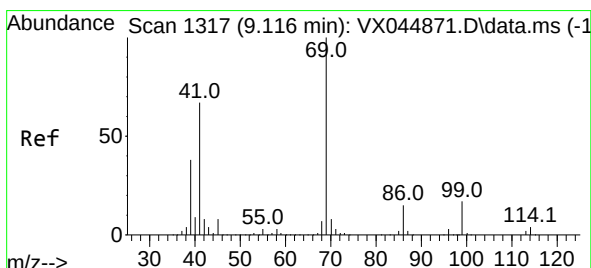
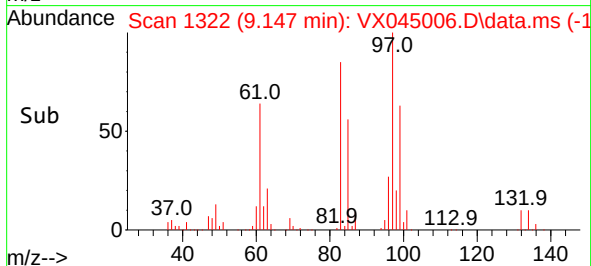
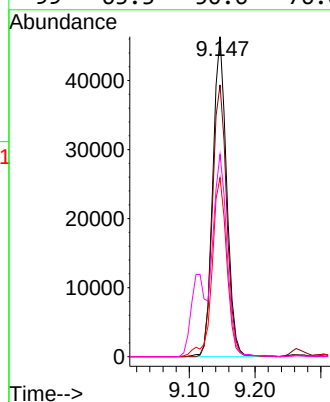
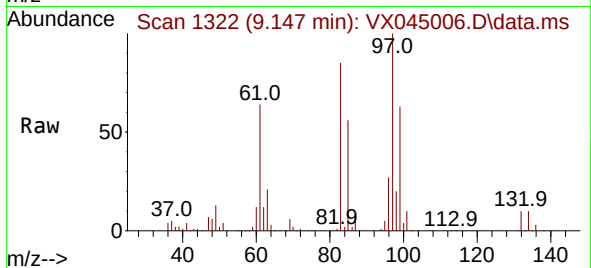
Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.8	104.6
85	56.0	44.8	67.2
99	63.3	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#56

Ethyl methacrylate

Concen: 52.318 ug/l

RT: 9.110 min Scan# 1316

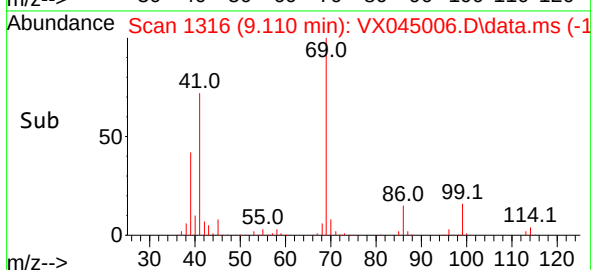
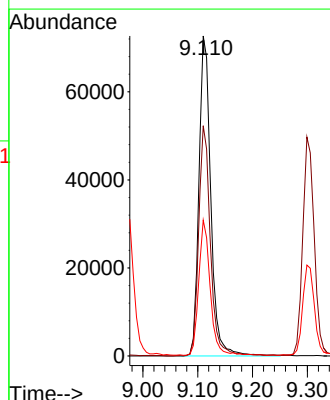
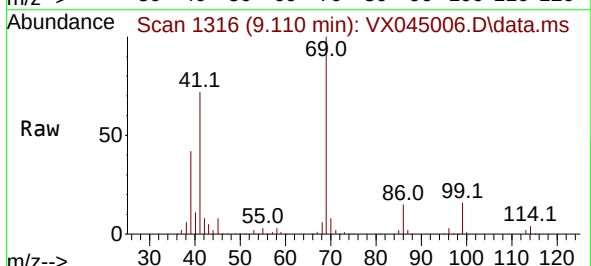
Delta R.T. -0.006 min

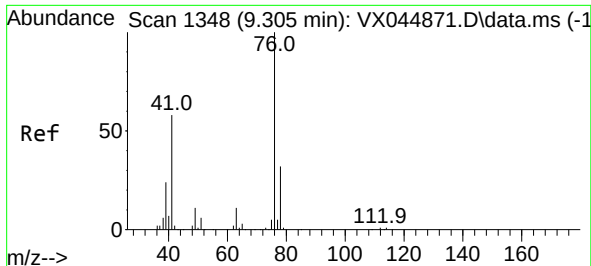
Lab File: VX045006.D

Acq: 19 Feb 2025 16:07

Tgt Ion: 69 Resp: 109605

Ion	Ratio	Lower	Upper
69	100		
41	71.5	55.2	82.8
39	41.2	30.8	46.2





#57

1,3-Dichloropropane

Concen: 52.215 ug/l

RT: 9.305 min Scan# 11850

Delta R.T. 0.000 min

Lab File: VX045006.D

Acq: 19 Feb 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11850

Ion Ratio Lower Upper

76 100

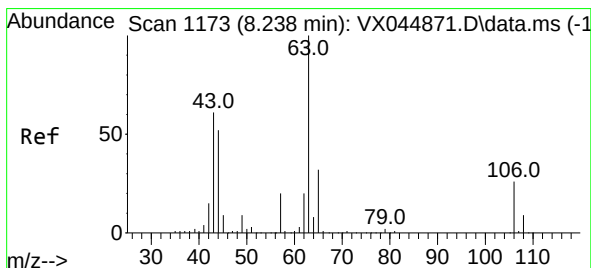
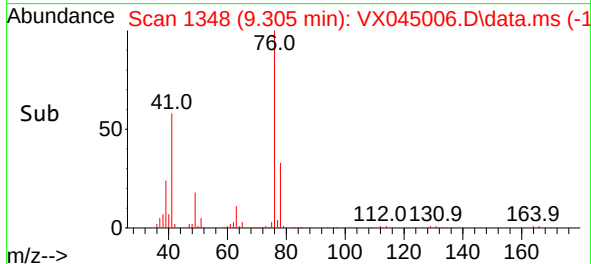
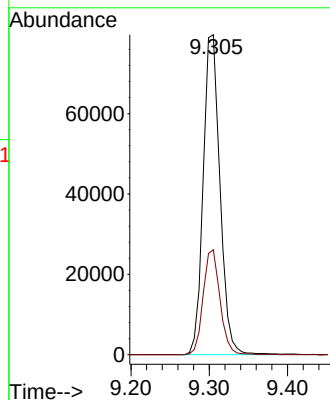
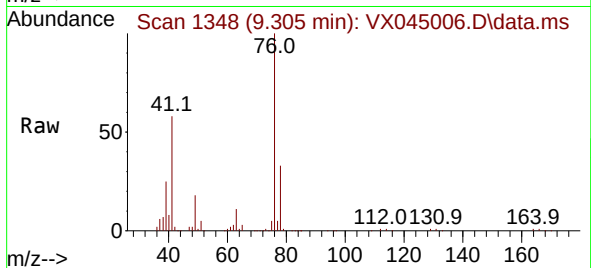
78 32.9 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 271.435 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX045006.D

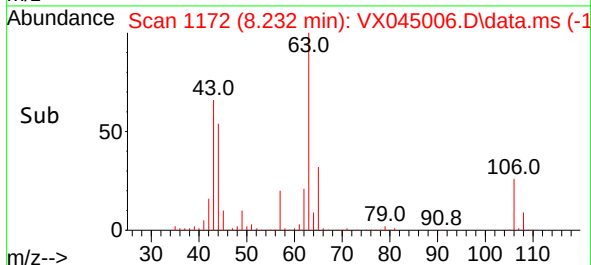
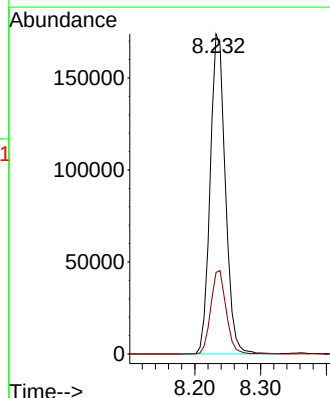
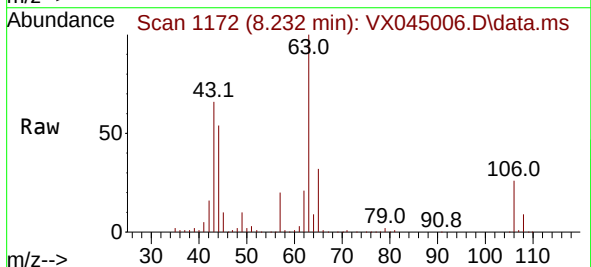
Acq: 19 Feb 2025 16:07

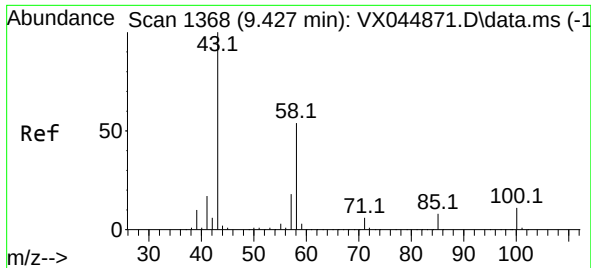
Tgt Ion: 63 Resp: 279216

Ion Ratio Lower Upper

63 100

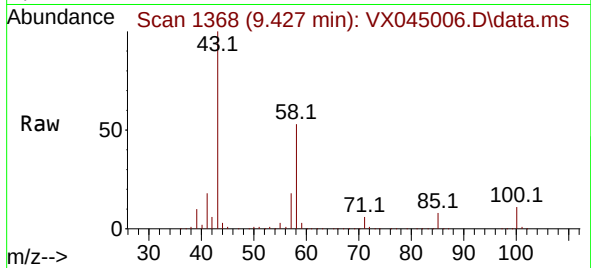
106 26.4 21.3 31.9





#59
2-Hexanone
Concen: 267.908 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

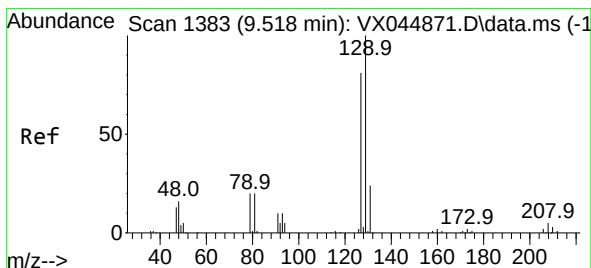
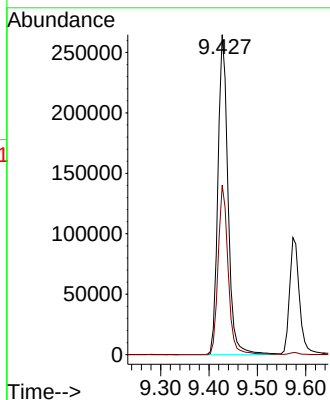
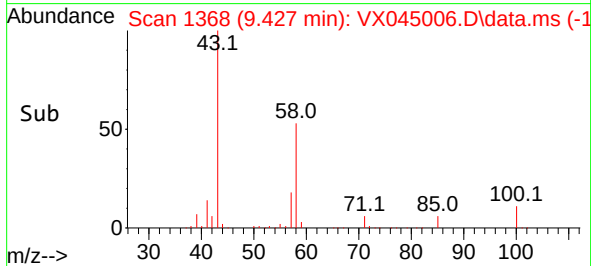
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



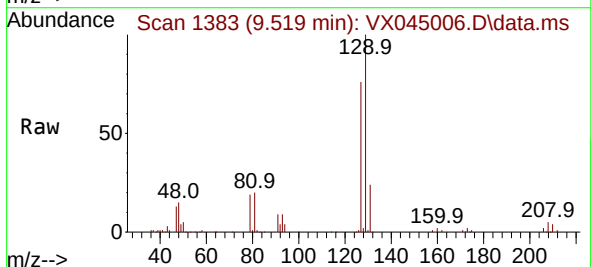
Tgt Ion: 43 Resp: 382459
Ion Ratio Lower Upper
43 100
58 52.6 27.5 82.4

Manual Integrations
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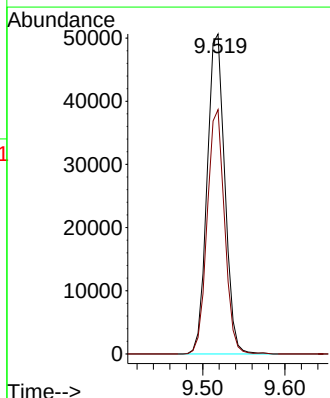
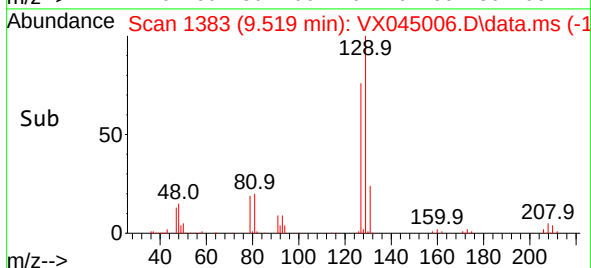
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

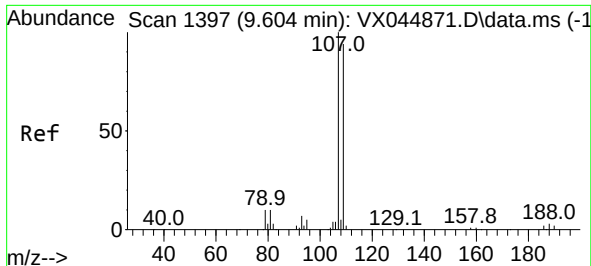


#60
Dibromochloromethane
Concen: 54.390 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07



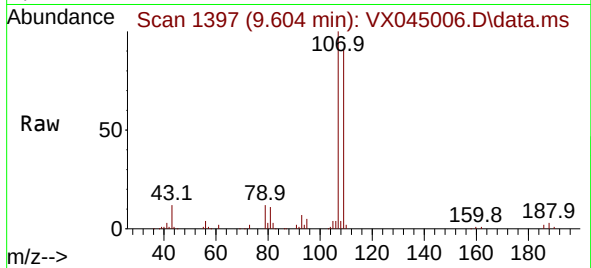
Tgt Ion:129 Resp: 75451
Ion Ratio Lower Upper
129 100
127 75.2 39.1 117.3





#61
1,2-Dibromoethane
Concen: 52.406 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

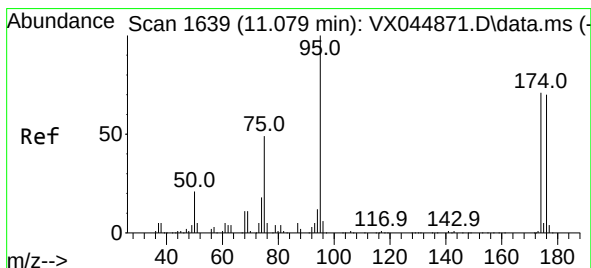
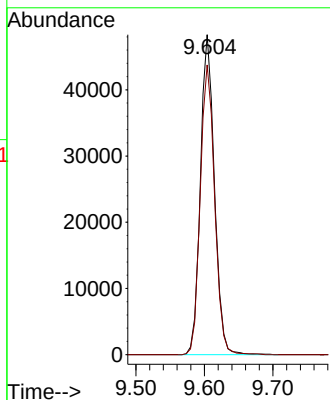
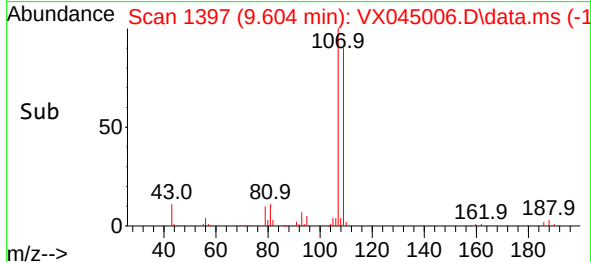
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 6889
Ion Ratio Lower Upper
107 100
109 92.8 75.9 113.9

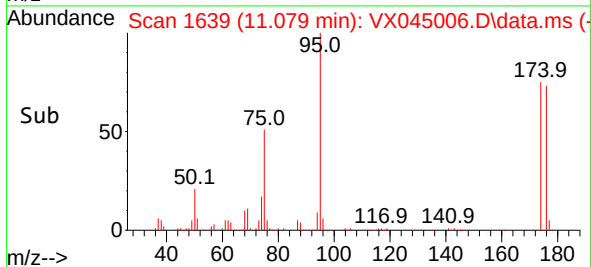
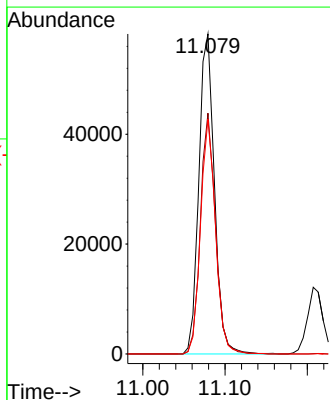
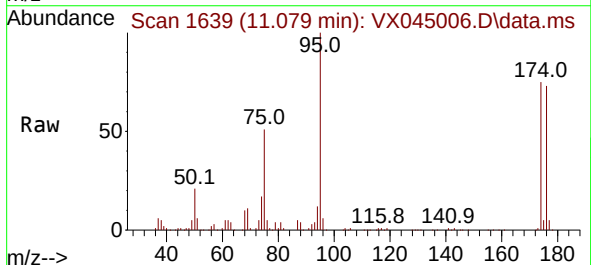
Manual Integrations
APPROVED

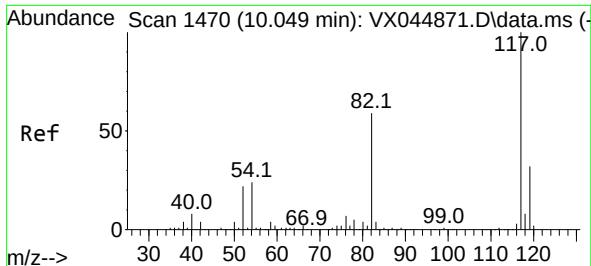
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#62
4-Bromofluorobenzene
Concen: 47.746 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

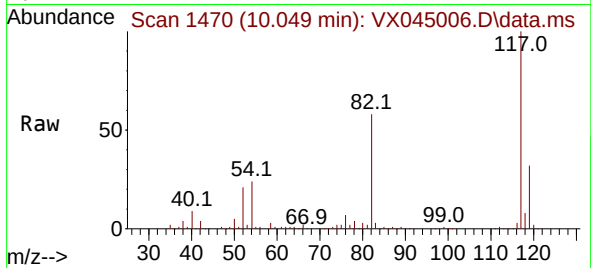
Tgt Ion: 95 Resp: 76549
Ion Ratio Lower Upper
95 100
174 72.8 0.0 142.6
176 70.8 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

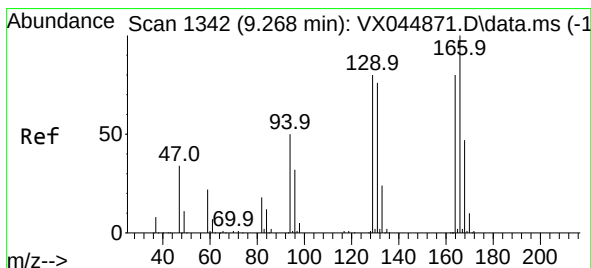
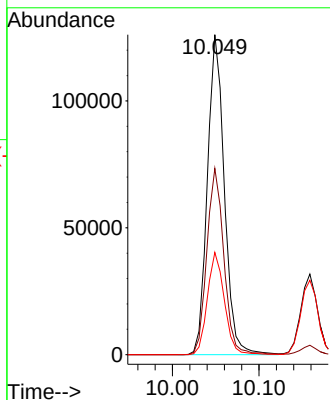
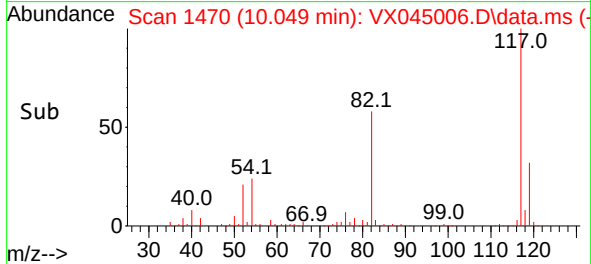
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 17161
Ion Ratio Lower Upper
117 100
82 58.2 47.5 71.3
119 32.0 25.4 38.0

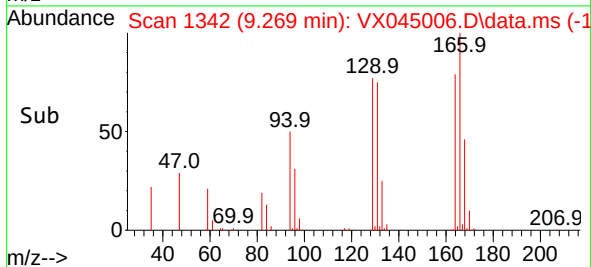
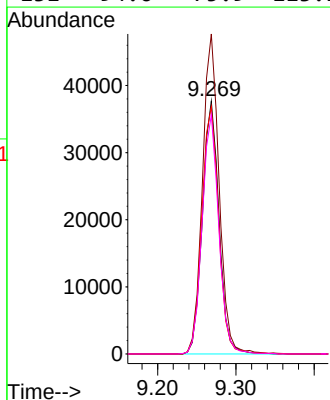
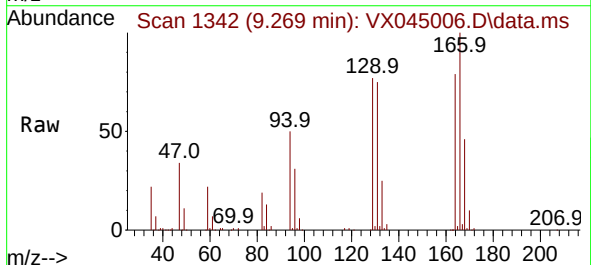
Manual Integrations
APPROVED

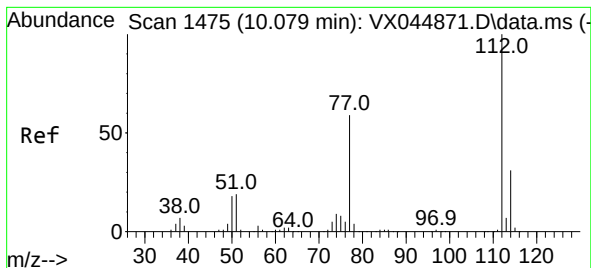
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#64
Tetrachloroethene
Concen: 51.163 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

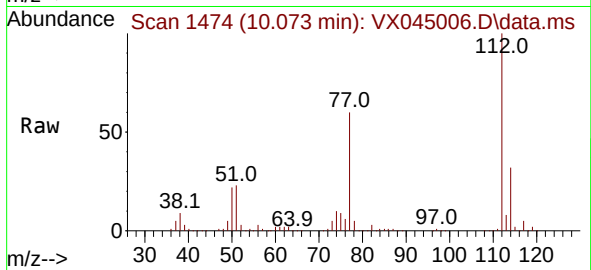
Tgt Ion:164 Resp: 55372
Ion Ratio Lower Upper
164 100
166 126.6 100.4 150.6
129 97.9 79.9 119.9
131 94.6 75.9 113.9





#65
Chlorobenzene
Concen: 51.380 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

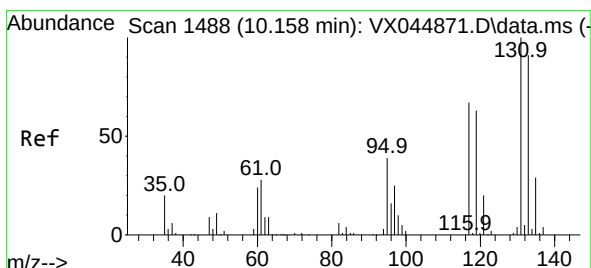
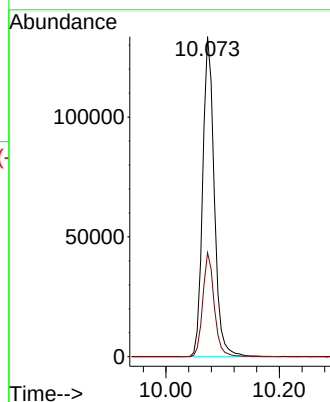
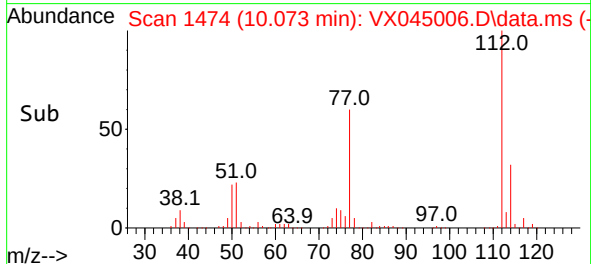
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



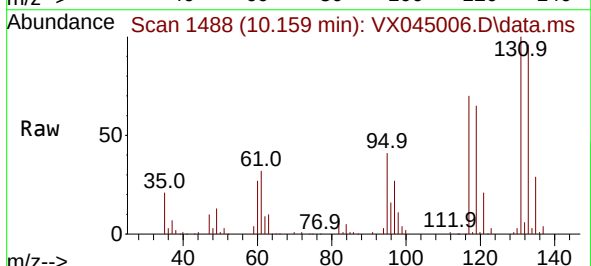
Tgt Ion:112 Resp: 18938
Ion Ratio Lower Upper
112 100
114 32.5 25.0 37.6

Manual Integrations
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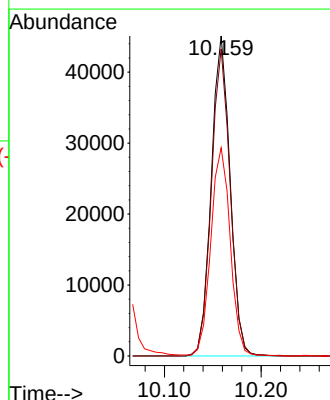
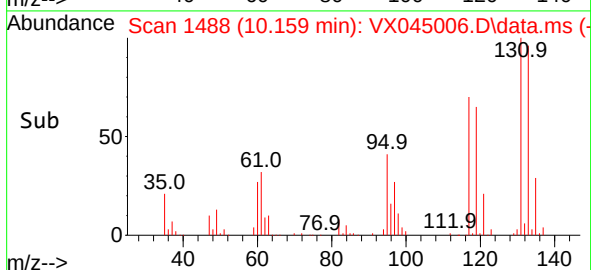
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

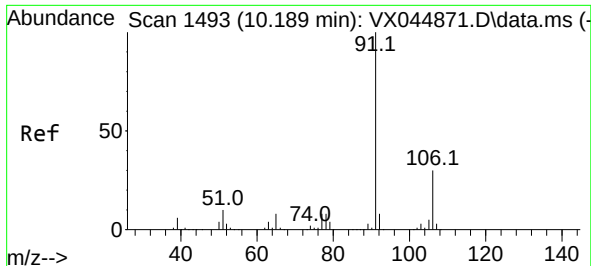


#66
1,1,1,2-Tetrachloroethane
Concen: 51.236 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07



Tgt Ion:131 Resp: 60786
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.3
119 67.3 33.6 100.6





#67

Ethyl Benzene

Concen: 51.696 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045006.D

Acq: 19 Feb 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 336260

Ion Ratio Lower Upper

91 100

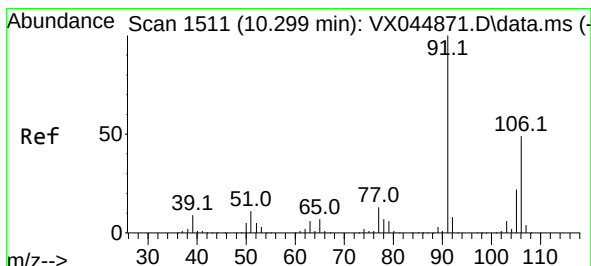
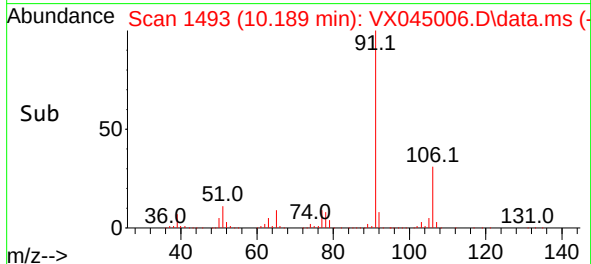
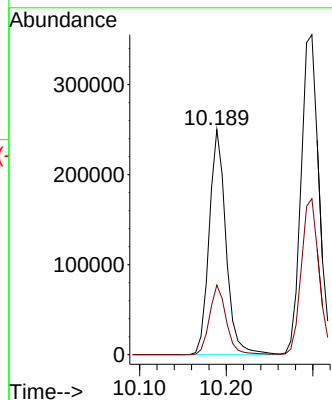
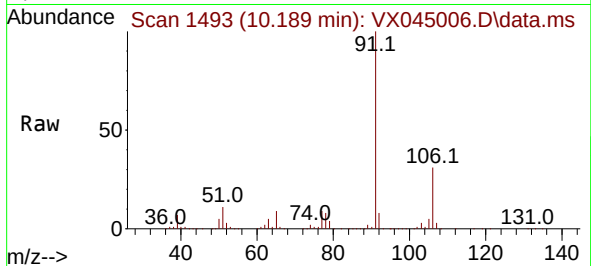
106 30.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#68

m/p-Xylenes

Concen: 104.739 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045006.D

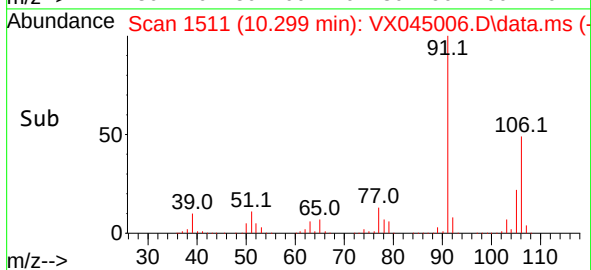
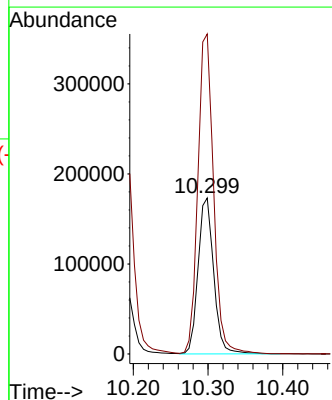
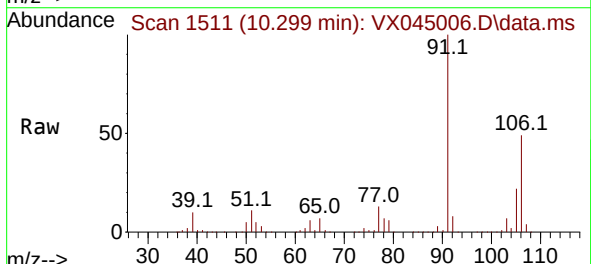
Acq: 19 Feb 2025 16:07

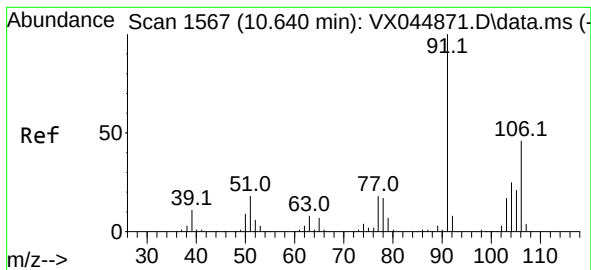
Tgt Ion:106 Resp: 251317

Ion Ratio Lower Upper

106 100

91 205.9 164.3 246.5





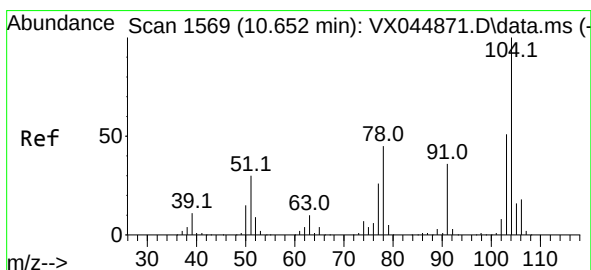
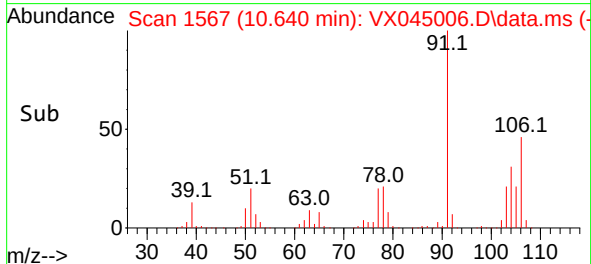
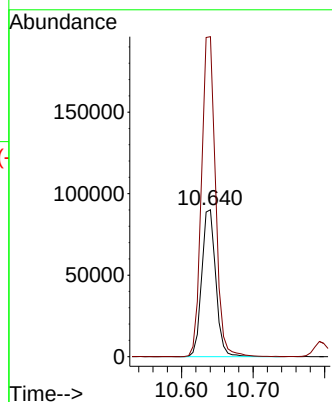
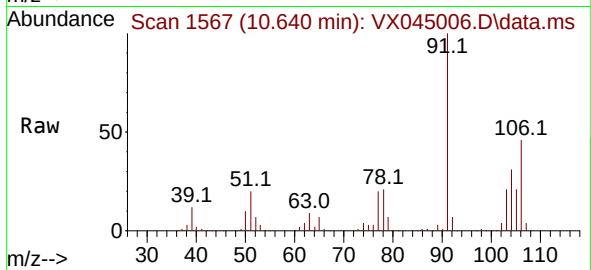
#69
o-Xylene
Concen: 51.014 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 122824
Ion Ratio Lower Upper
106 100
91 218.6 108.5 325.5

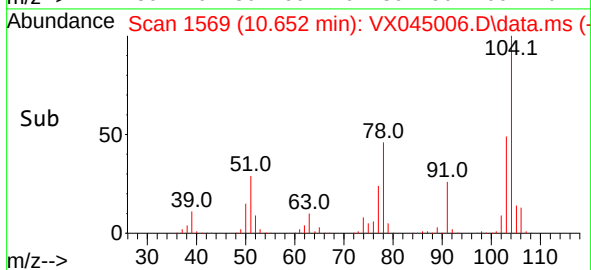
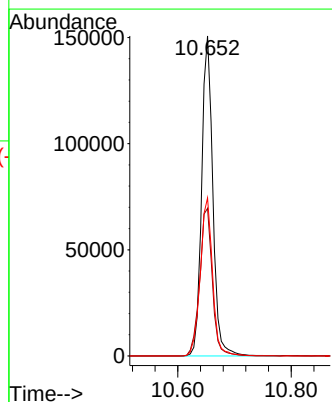
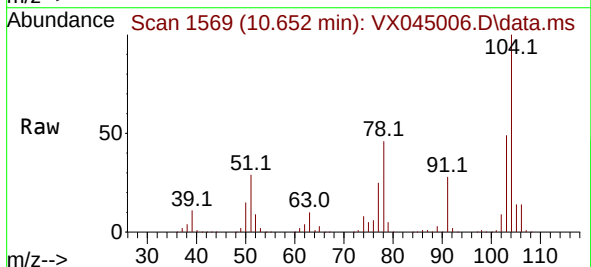
Manual Integrations
APPROVED

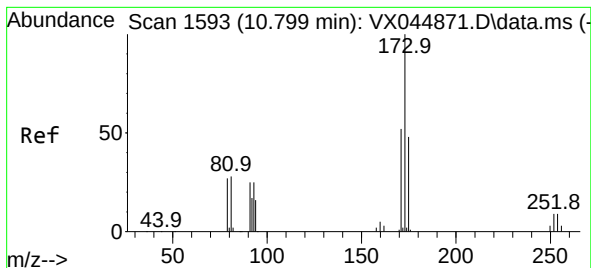
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#70
Styrene
Concen: 53.069 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

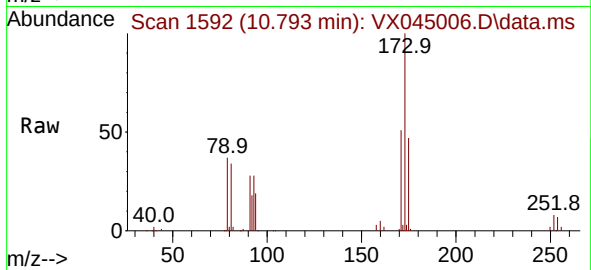
Tgt Ion:104 Resp: 205853
Ion Ratio Lower Upper
104 100
78 52.2 40.5 60.7
103 54.5 43.6 65.4





#71
Bromoform
Concen: 52.711 ug/l
RT: 10.793 min Scan# 1593
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

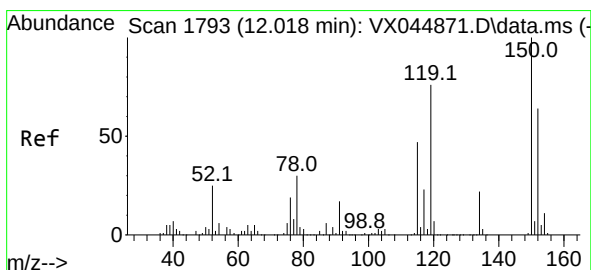
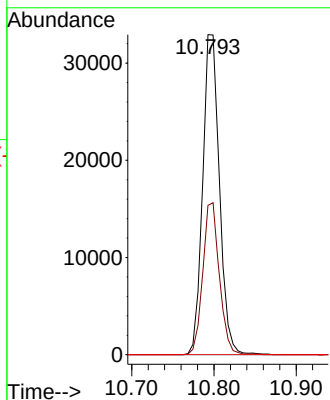
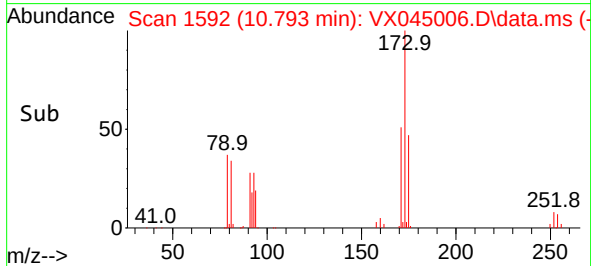
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



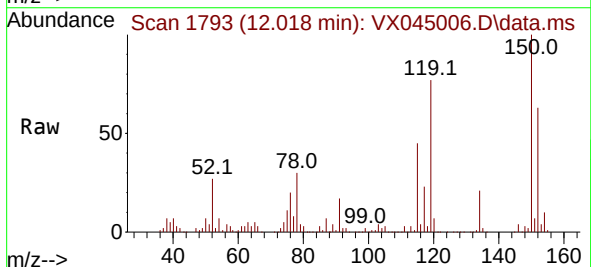
Tgt Ion:173 Resp: 4667
Ion Ratio Lower Upper
173 100
175 47.0 24.3 72.8
254 0.0 0.0 0.0

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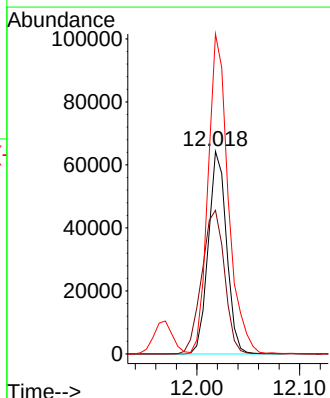
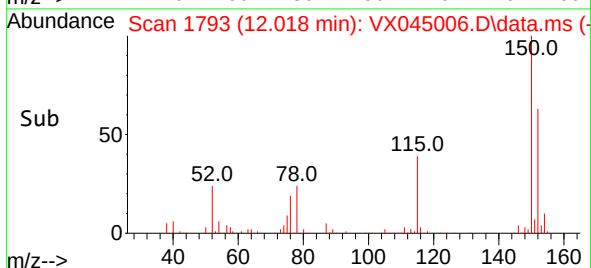
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

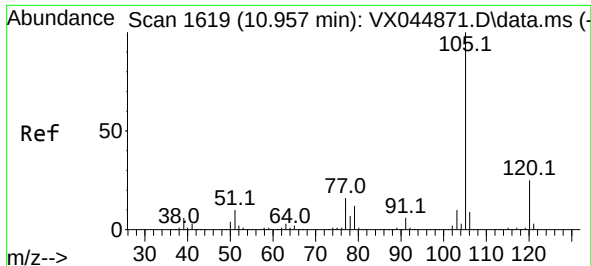


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07



Tgt Ion:152 Resp: 79225
Ion Ratio Lower Upper
152 100
115 88.6 43.4 130.1
150 174.9 0.0 350.4





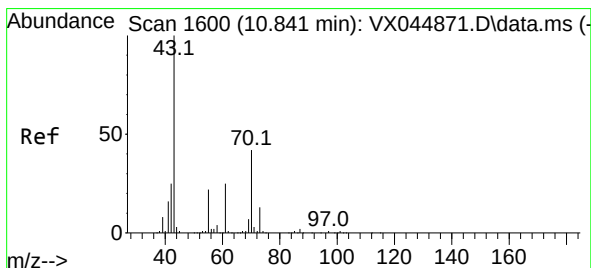
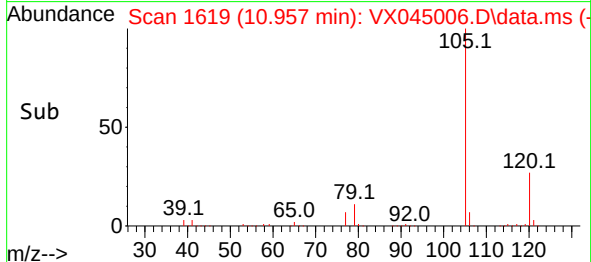
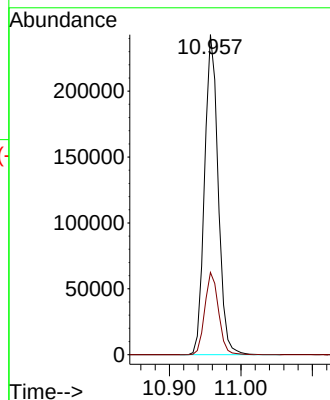
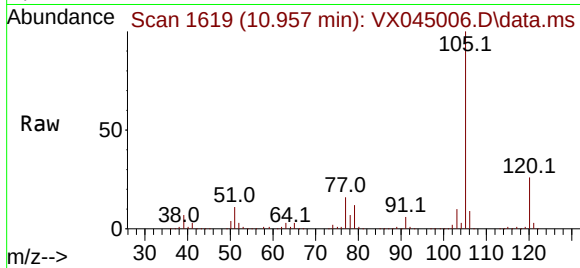
#73
Isopropylbenzene
Concen: 50.260 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 32061
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5

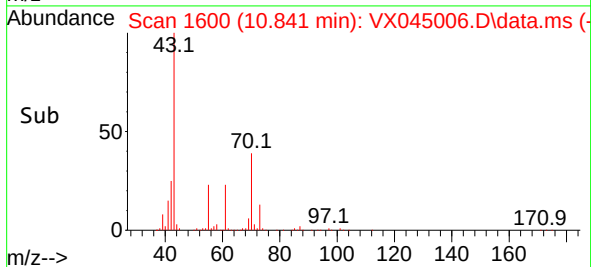
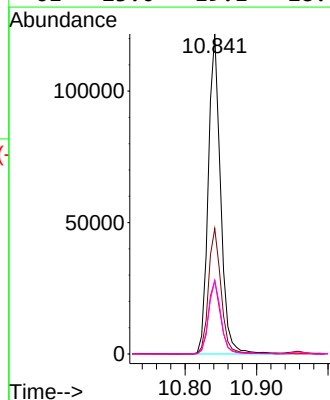
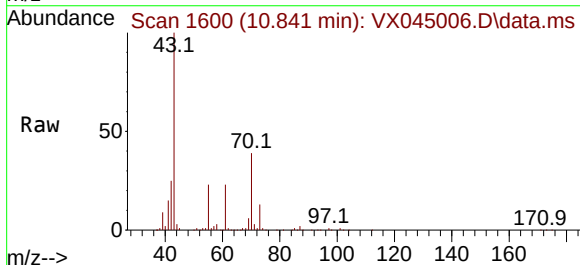
Manual Integrations
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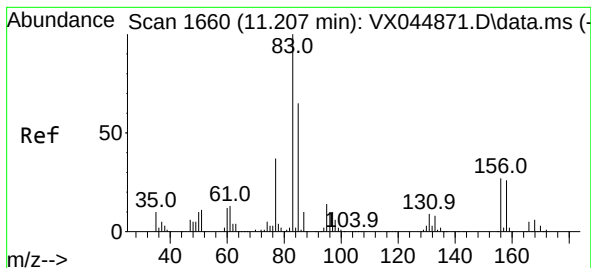
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#74
N-ethyl acetate
Concen: 50.380 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Tgt Ion: 43 Resp: 145430
Ion Ratio Lower Upper
43 100
70 40.1 33.7 50.5
55 23.0 18.6 27.8
61 23.0 19.1 28.7





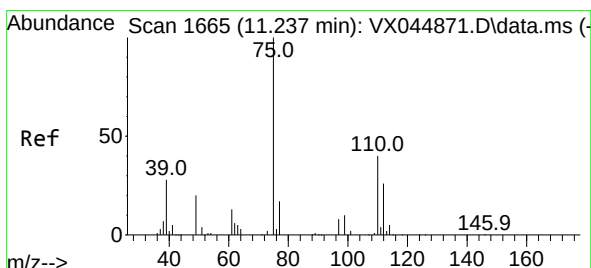
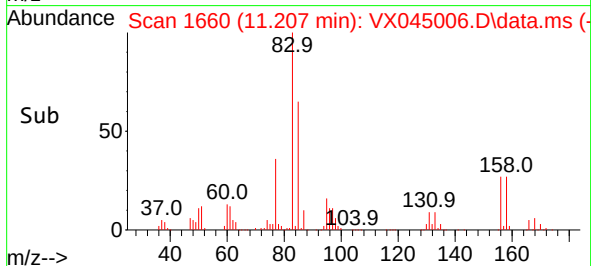
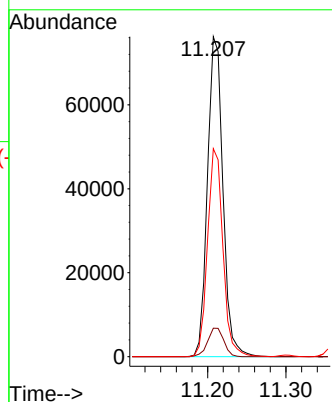
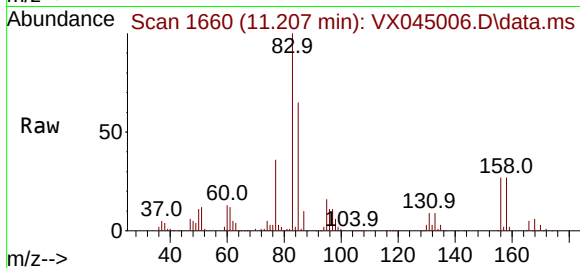
#75
1,1,2,2-Tetrachloroethane
Concen: 47.478 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 104074
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.5
85 64.7 32.3 96.8

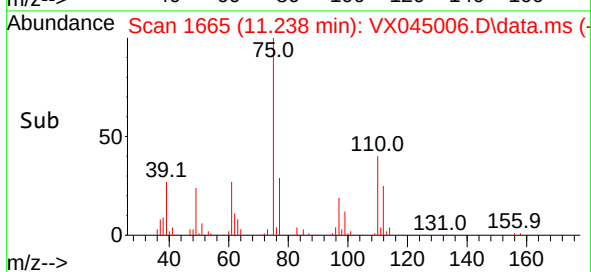
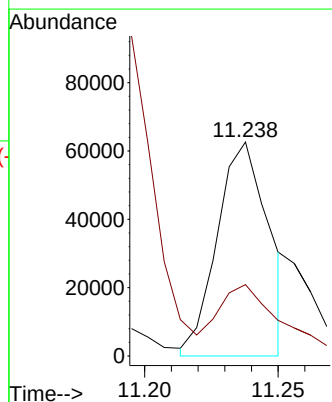
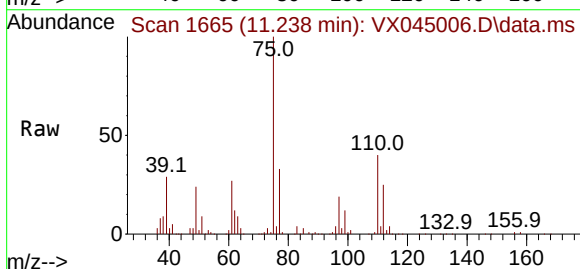
Manual Integrations
APPROVED

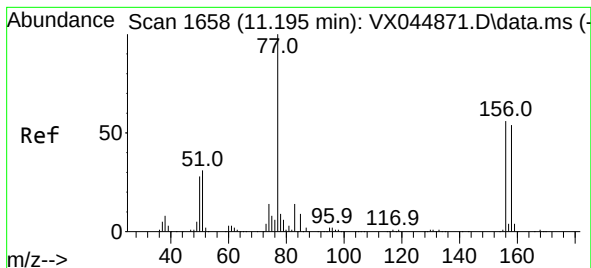
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#76
1,2,3-Trichloropropane
Concen: 47.729 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Tgt Ion: 75 Resp: 83838
Ion Ratio Lower Upper
75 100
77 41.3 21.9 65.7





#77

Bromobenzene

Concen: 50.363 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045006.D

Acq: 19 Feb 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 7283

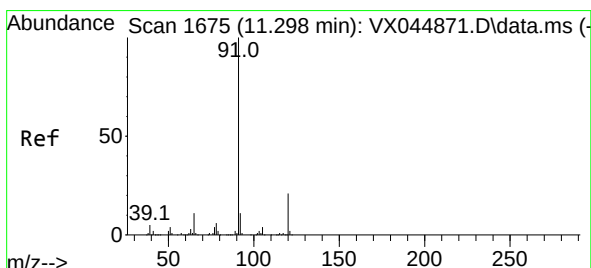
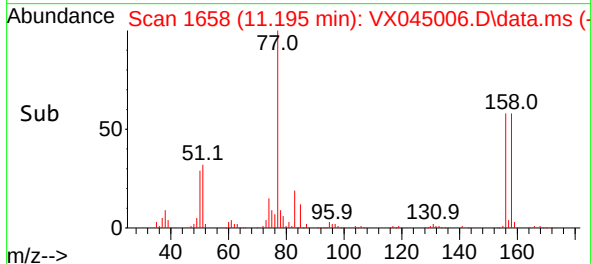
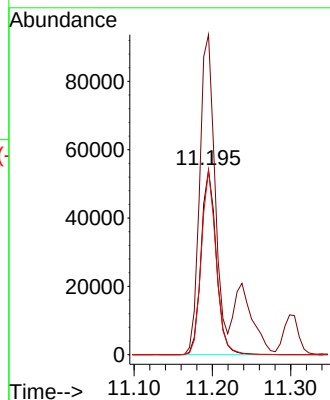
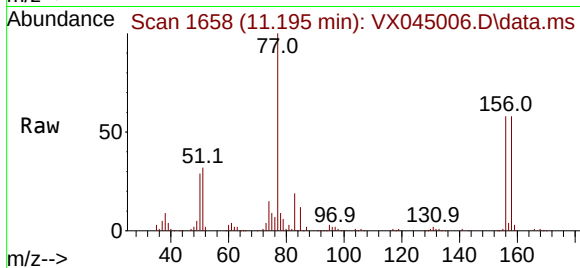
Ion	Ratio	Lower	Upper
156	100		
77	174.7	88.4	265.3
158	97.4	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#78

n-propylbenzene

Concen: 51.832 ug/l

RT: 11.299 min Scan# 1675

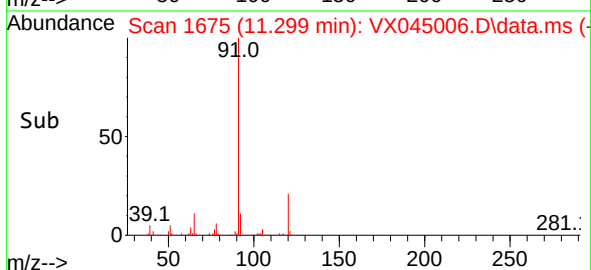
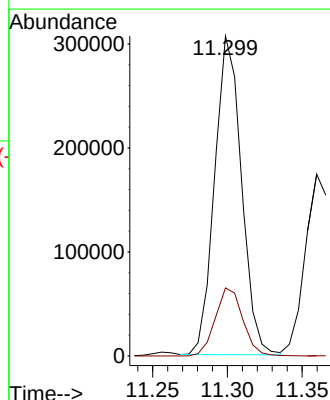
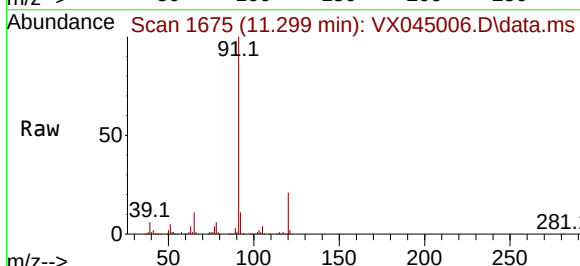
Delta R.T. 0.000 min

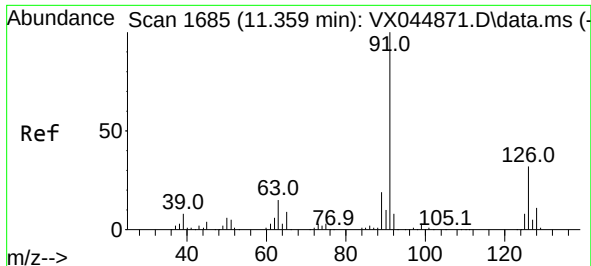
Lab File: VX045006.D

Acq: 19 Feb 2025 16:07

Tgt Ion: 91 Resp: 381640

Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.3





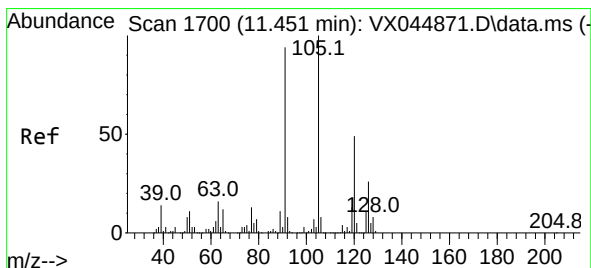
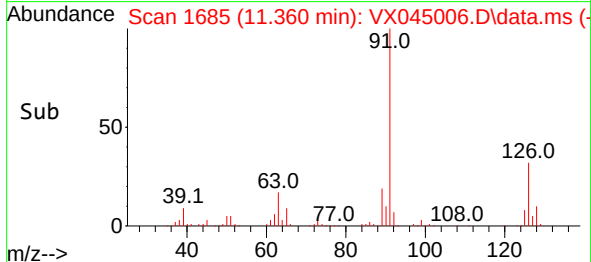
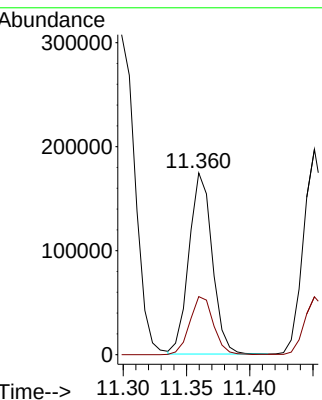
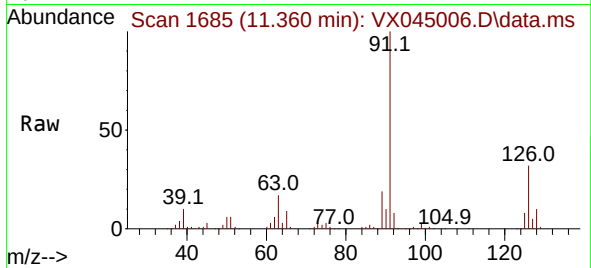
#79
2-Chlorotoluene
Concen: 49.256 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 222890
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6

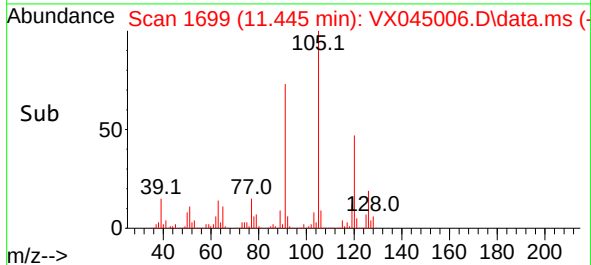
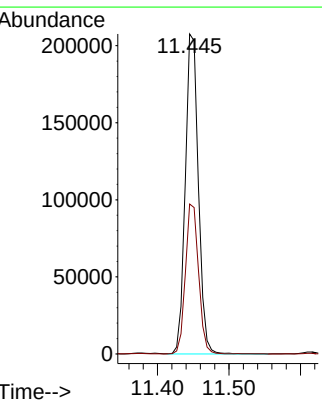
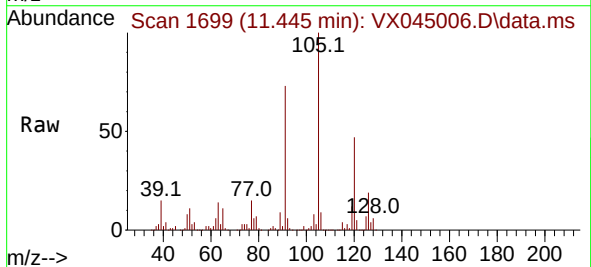
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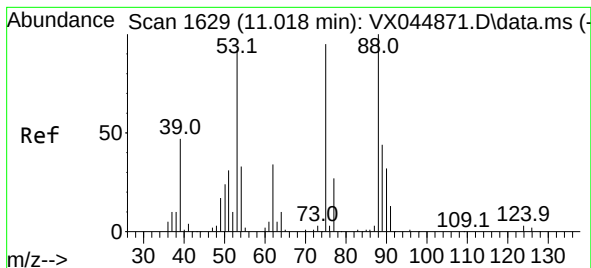
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.788 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

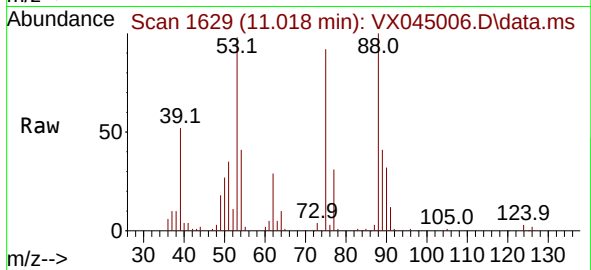
Tgt Ion:105 Resp: 262910
Ion Ratio Lower Upper
105 100
120 47.2 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 38.848 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

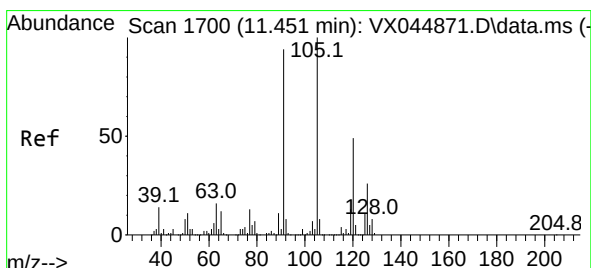
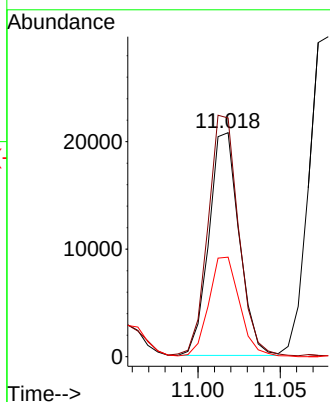
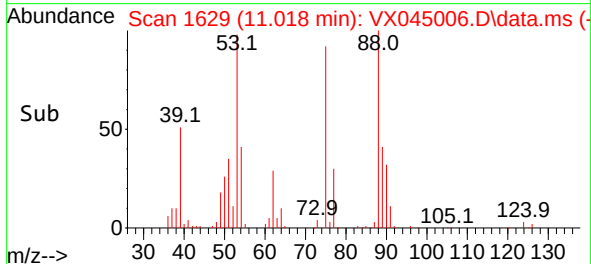
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



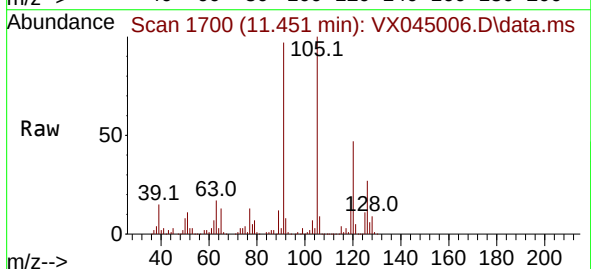
Tgt Ion: 75 Resp: 2652
Ion Ratio Lower Upper
75 100
53 109.4 78.0 117.0
89 45.8 36.6 54.8

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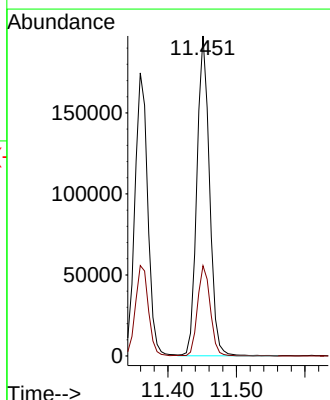
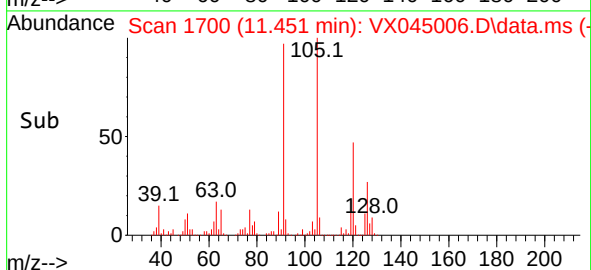
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

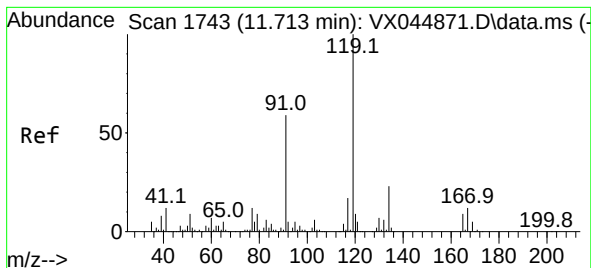


#82
4-Chlorotoluene
Concen: 50.492 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07



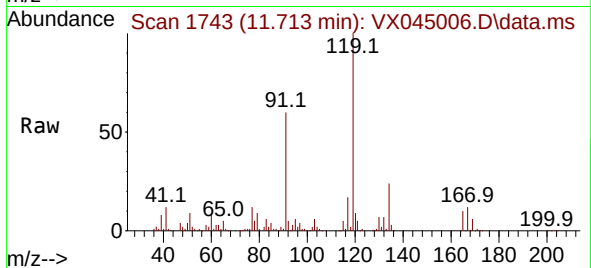
Tgt Ion: 91 Resp: 252784
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 50.509 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

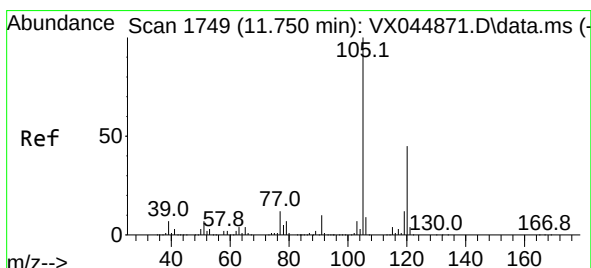
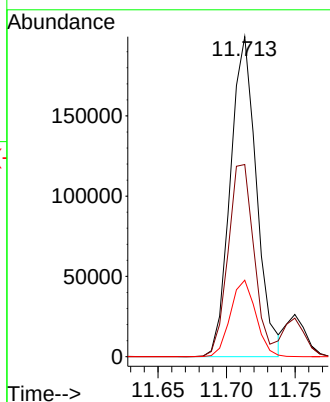
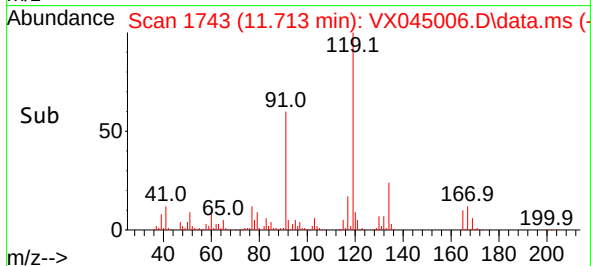
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



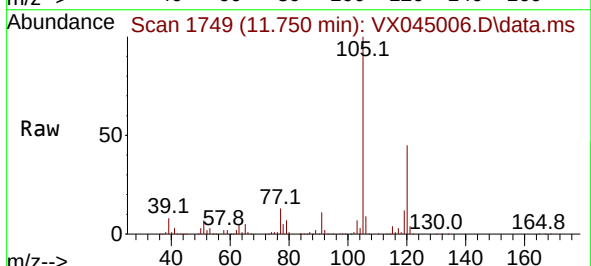
Tgt Ion:119 Resp: 264512
Ion Ratio Lower Upper
119 100
91 59.4 29.1 87.4
134 23.2 11.5 34.5

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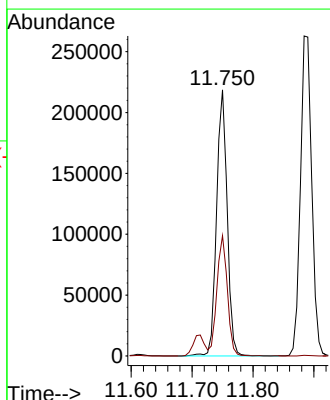
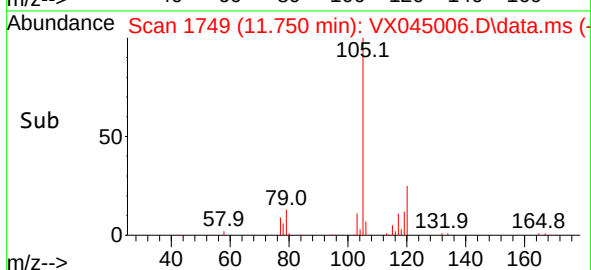
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

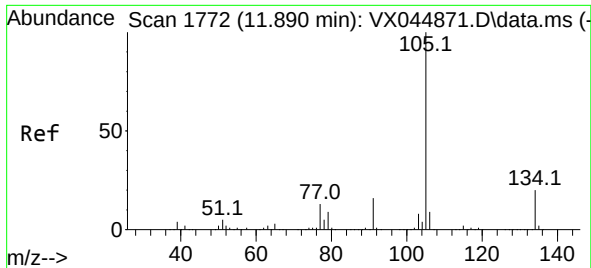


#84
1,2,4-Trimethylbenzene
Concen: 51.760 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07



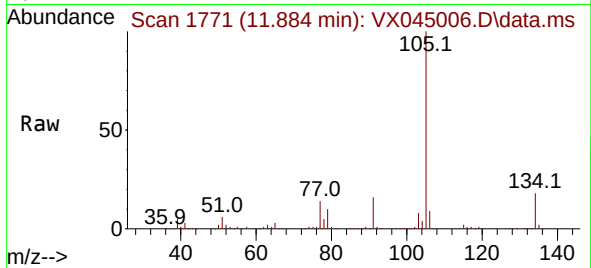
Tgt Ion:105 Resp: 264457
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 52.041 ug/l
 RT: 11.884 min Scan# 1772
 Delta R.T. -0.006 min
 Lab File: VX045006.D
 Acq: 19 Feb 2025 16:07

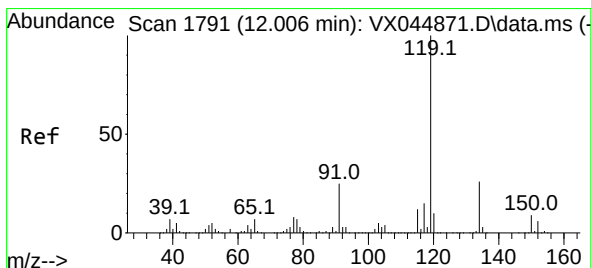
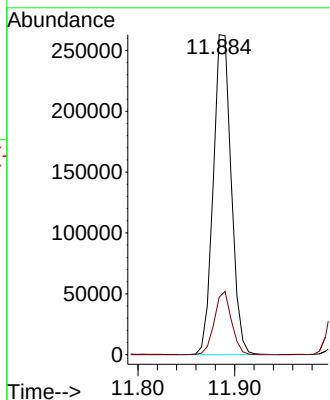
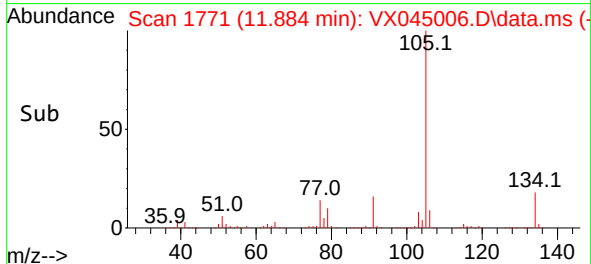
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



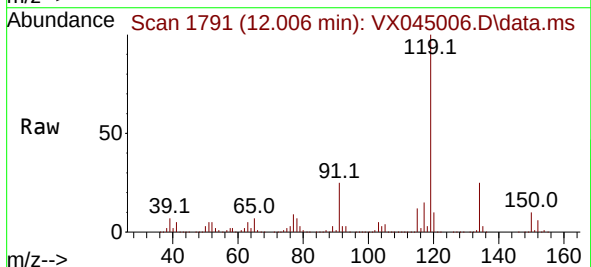
Tgt Ion:105 Resp: 337478
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.3

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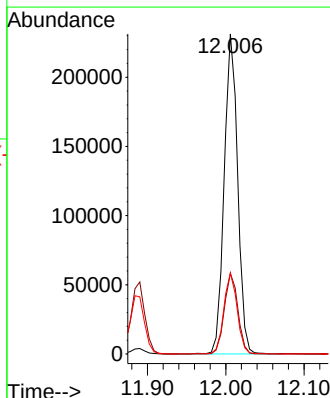
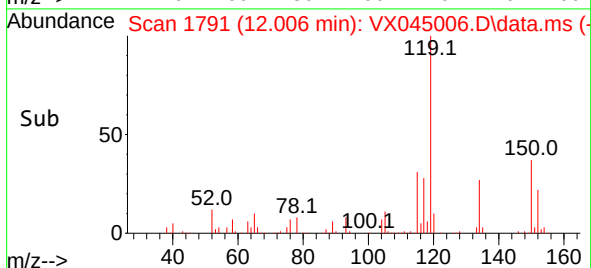
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025

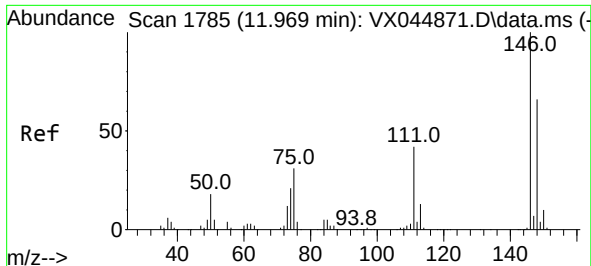


#86
 p-Isopropyltoluene
 Concen: 53.090 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045006.D
 Acq: 19 Feb 2025 16:07



Tgt Ion:119 Resp: 276863
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 38.9
 91 25.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.692 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045006.D

Acq: 19 Feb 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 134818

Ion Ratio Lower Upper

146 100

111 42.5 21.2 63.6

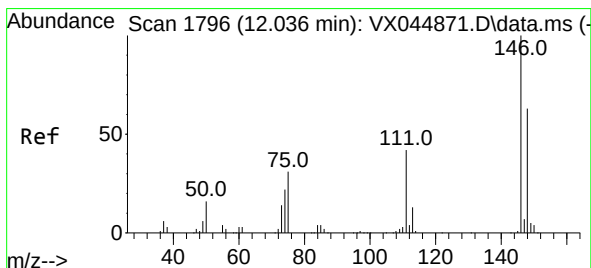
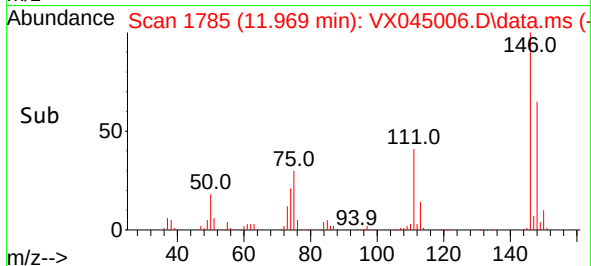
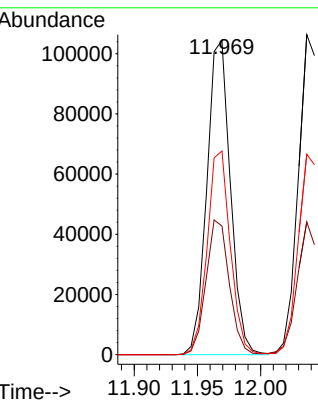
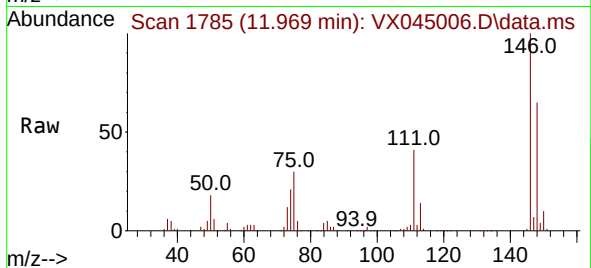
148 63.9 32.5 97.5

Manual Integrations

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Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#88

1,4-Dichlorobenzene

Concen: 50.131 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045006.D

Acq: 19 Feb 2025 16:07

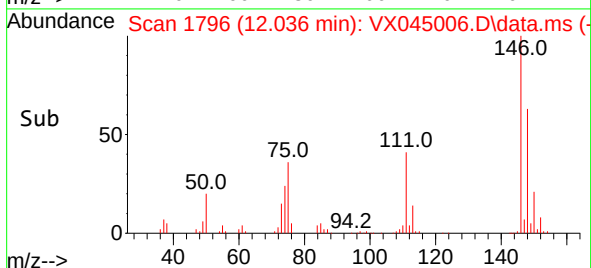
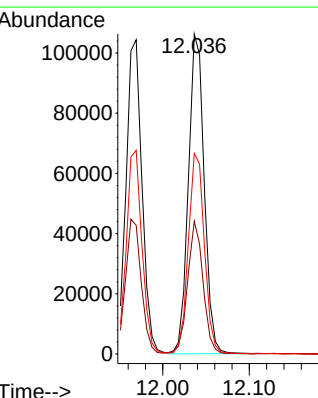
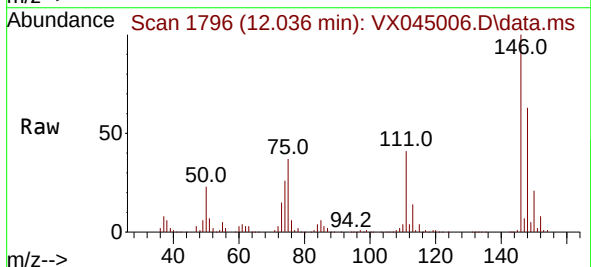
Tgt Ion:146 Resp: 134805

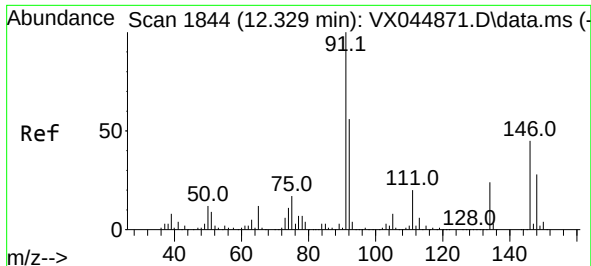
Ion Ratio Lower Upper

146 100

111 40.6 20.4 61.3

148 63.8 32.0 96.0





#89

n-Butylbenzene

Concen: 55.987 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045006.D

Acq: 19 Feb 2025 16:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

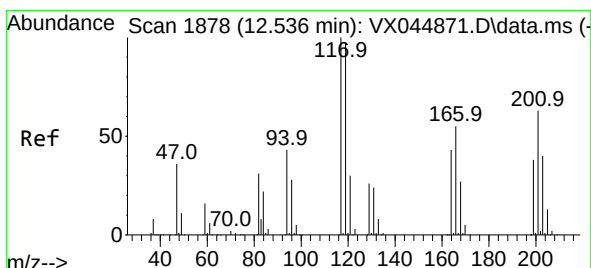
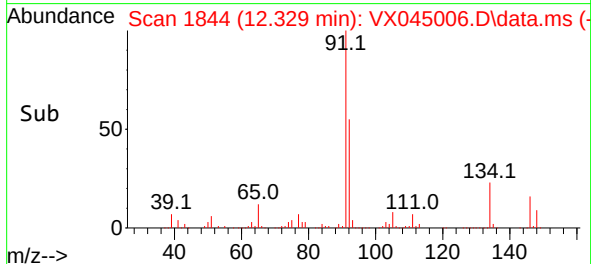
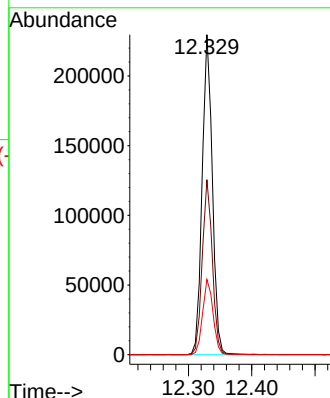
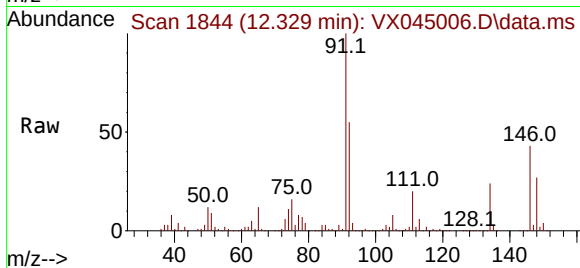
Tgt Ion: 91 Resp: 25830
 Ion Ratio Lower Upper
 91 100
 92 54.3 27.2 81.6
 134 24.1 12.1 36.3

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#90

Hexachloroethane

Concen: 46.927 ug/l

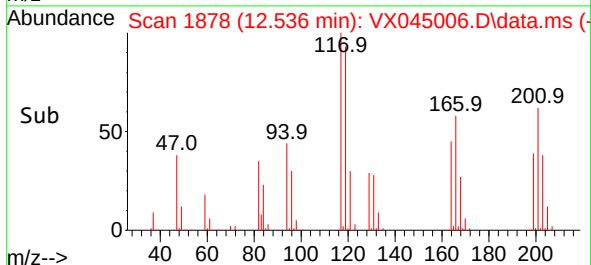
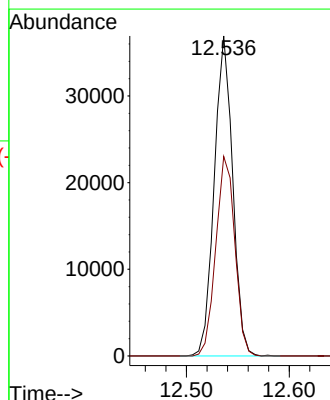
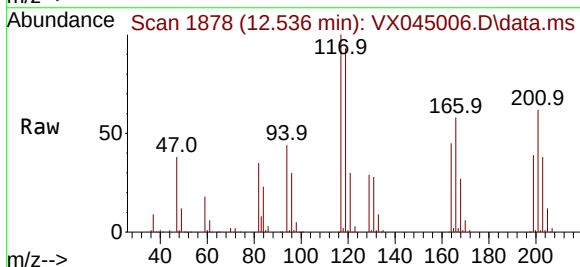
RT: 12.536 min Scan# 1878

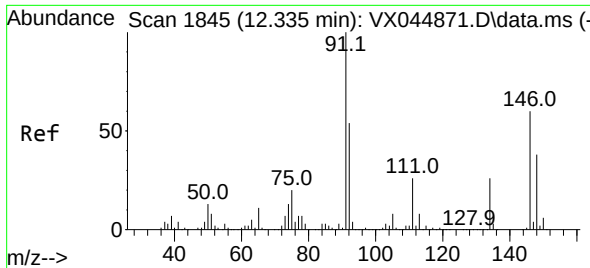
Delta R.T. 0.000 min

Lab File: VX045006.D

Acq: 19 Feb 2025 16:07

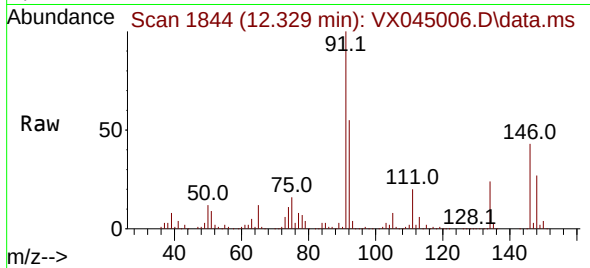
Tgt Ion:117 Resp: 45823
 Ion Ratio Lower Upper
 117 100
 201 64.5 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 50.579 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

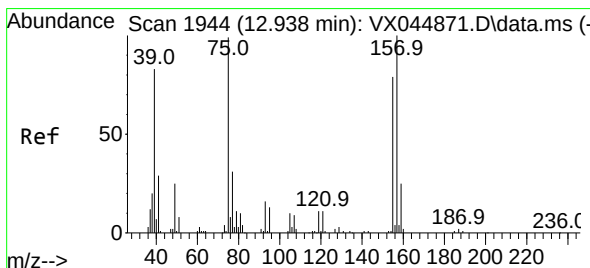
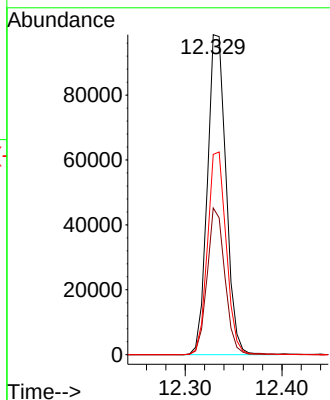
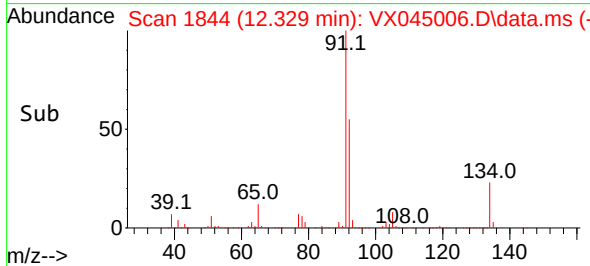
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



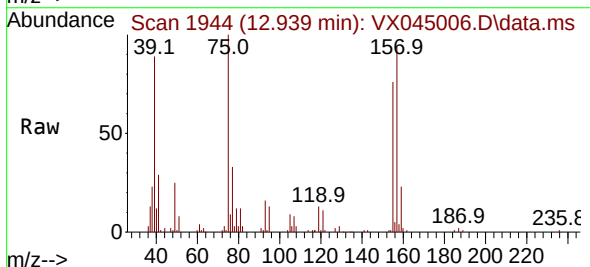
Tgt Ion:146 Resp: 132200
Ion Ratio Lower Upper
146 100
111 43.7 21.8 65.4
148 63.7 31.9 95.9

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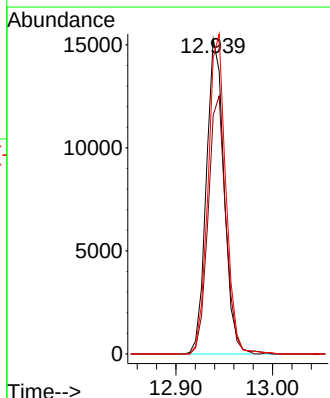
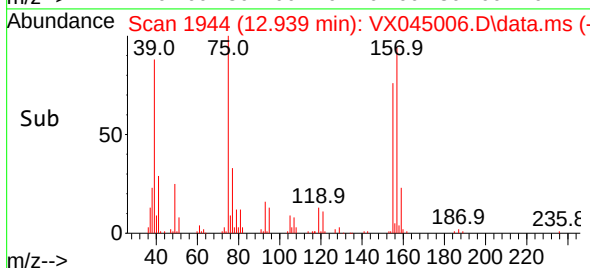
Reviewed By :John Carlone 02/20/2025
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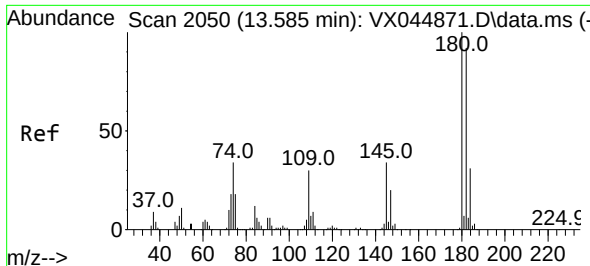


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.079 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07



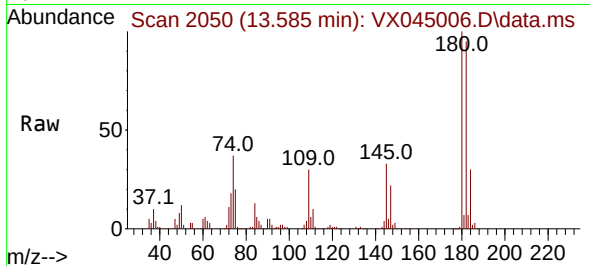
Tgt Ion: 75 Resp: 19635
Ion Ratio Lower Upper
75 100
155 80.8 40.5 121.4
157 100.8 51.4 154.3





#93
1,2,4-Trichlorobenzene
Concen: 53.729 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

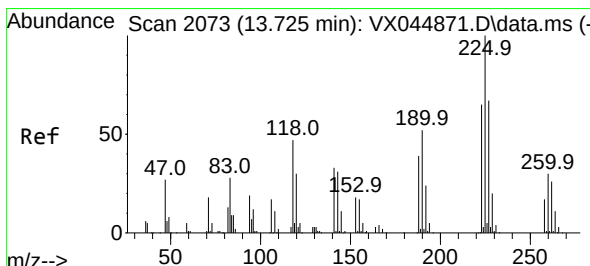
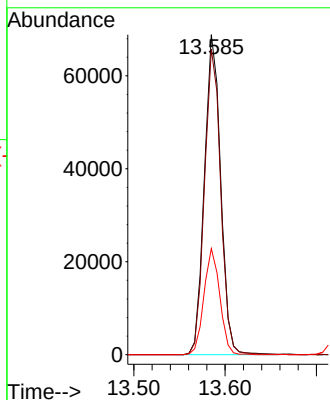
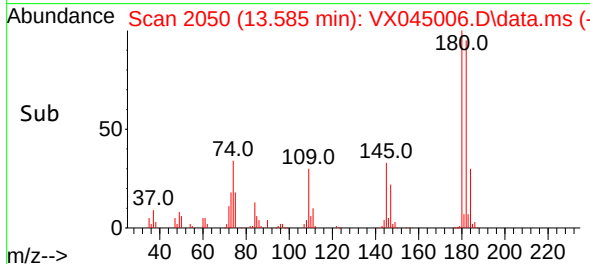
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



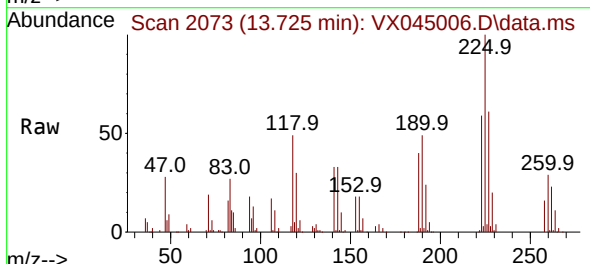
Tgt Ion:180 Resp: 8498
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.8
145 32.3 16.4 49.1

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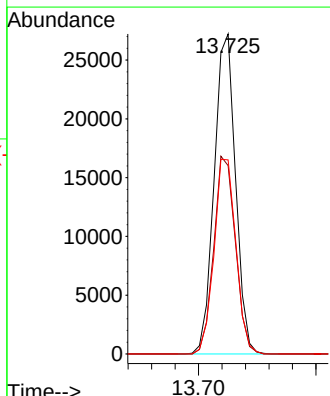
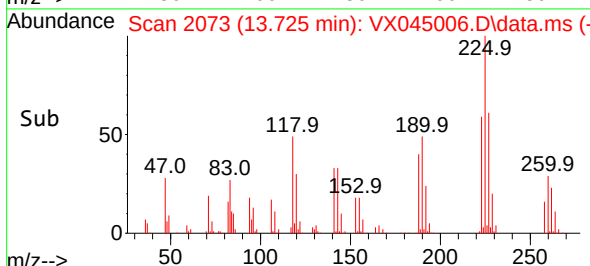
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

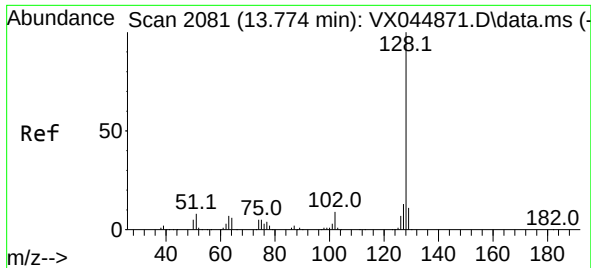


#94
Hexachlorobutadiene
Concen: 54.662 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07



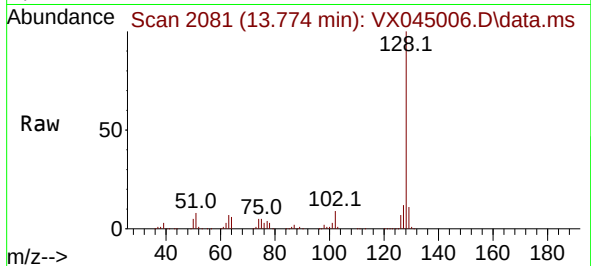
Tgt Ion:225 Resp: 34322
Ion Ratio Lower Upper
225 100
223 62.6 31.4 94.2
227 62.5 32.3 96.8





#95
Naphthalene
Concen: 51.583 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07

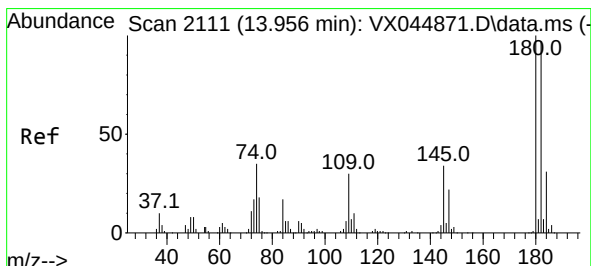
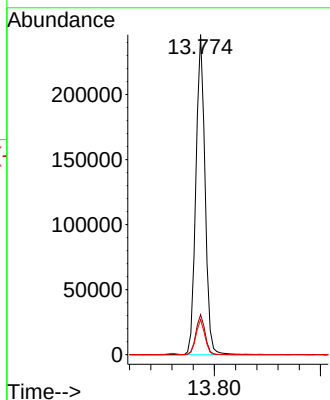
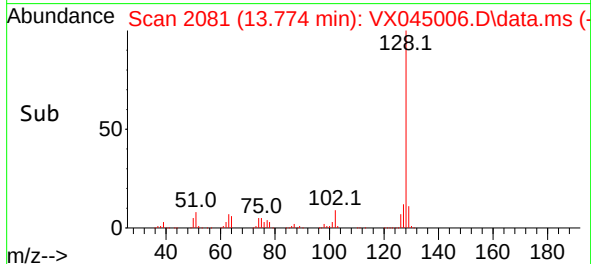
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



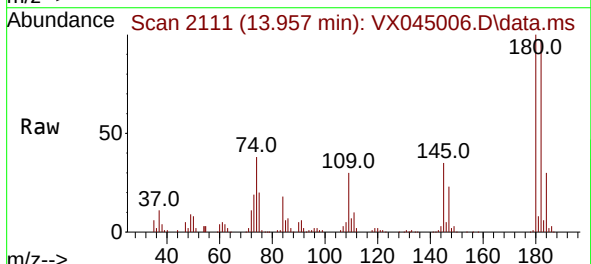
Tgt Ion:128 Resp: 294920
Ion Ratio Lower Upper
128 100
127 12.5 10.1 15.1
129 10.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.279 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045006.D
Acq: 19 Feb 2025 16:07



Tgt Ion:180 Resp: 84913
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.6
145 34.9 17.1 51.3

