

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045753.D
 Acq On : 11 Apr 2025 19:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2025
 Supervised By : Mahesh Dadoda 04/14/2025

Quant Time: Apr 11 23:08:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	85207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	153186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	82299	52.816	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.640%			
35) Dibromofluoromethane	5.379	113	54566	50.205	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.420%			
50) Toluene-d8	8.647	98	188183	49.606	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.220%			
62) 4-Bromofluorobenzene	11.079	95	71478	51.728	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64094	50.299	ug/l	99
3) Chloromethane	1.300	50	61308	46.832	ug/l	100
4) Vinyl Chloride	1.373	62	57590	48.070	ug/l	100
5) Bromomethane	1.593	94	25726	45.288	ug/l	95
6) Chloroethane	1.660	64	27868	43.844	ug/l	98
7) Trichlorofluoromethane	1.867	101	89092	49.869	ug/l	97
8) Diethyl Ether	2.136	74	29656	49.444	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.318	101	51610	49.300	ug/l	98
10) Methyl Iodide	2.440	142	63937	48.966	ug/l	97
11) Tert butyl alcohol	2.989	59	50890	243.014	ug/l	99
12) 1,1-Dichloroethene	2.306	96	49434	48.327	ug/l	98
13) Acrolein	2.239	56	72885	252.744	ug/l	100
14) Allyl chloride	2.654	41	97067	50.013	ug/l	99
15) Acrylonitrile	3.062	53	166094	251.263	ug/l	99
16) Acetone	2.385	43	160347	250.602	ug/l	99
17) Carbon Disulfide	2.501	76	101834	40.308	ug/l	99
18) Methyl Acetate	2.703	43	84713	57.504	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	182289	50.943	ug/l	99
20) Methylene Chloride	2.782	84	58294	48.665	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	49920	47.769	ug/l	97
22) Diisopropyl ether	3.763	45	197003	51.529	ug/l	99
23) Vinyl Acetate	3.721	43	844015	255.514	ug/l	99
24) 1,1-Dichloroethane	3.605	63	107113	49.540	ug/l	99
25) 2-Butanone	4.562	43	242145	258.535	ug/l	100
26) 2,2-Dichloropropane	4.470	77	66775	47.800	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	61699	48.460	ug/l	98
28) Bromochloromethane	4.891	49	51825	49.600	ug/l	98
29) Tetrahydrofuran	5.007	42	152548	251.219	ug/l	99
30) Chloroform	5.086	83	112483	50.559	ug/l	99
31) Cyclohexane	5.458	56	90212	47.195	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	93595	49.717	ug/l	99
36) 1,1-Dichloropropene	5.684	75	70256	47.875	ug/l	99
37) Ethyl Acetate	4.714	43	89527	48.411	ug/l	99
38) Carbon Tetrachloride	5.671	117	79481	50.115	ug/l	99
39) Methylcyclohexane	7.372	83	86058	47.841	ug/l	98
40) Benzene	6.031	78	217012	48.421	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	53623	54.955	ug/l	98
42) 1,2-Dichloroethane	6.080	62	95082	51.365	ug/l	100
43) Isopropyl Acetate	6.336	43	141995	50.660	ug/l	100
44) Trichloroethene	7.122	130	51614	48.452	ug/l	97
45) 1,2-Dichloropropane	7.427	63	55895	49.984	ug/l	96
46) Dibromomethane	7.580	93	42816	49.878	ug/l	99
47) Bromodichloromethane	7.817	83	86669	50.556	ug/l	99
48) Methyl methacrylate	7.689	41	76302	52.724	ug/l	97
49) 1,4-Dioxane	7.665	88	27382	1045.779	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	486157	261.644	ug/l	100
52) Toluene	8.714	92	132303	48.785	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	73359	44.751	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	81250	50.435	ug/l	98
55) 1,1,2-Trichloroethane	9.146	97	54804	50.713	ug/l	97
56) Ethyl methacrylate	9.116	69	89288	53.387	ug/l	99
57) 1,3-Dichloropropane	9.305	76	94836	50.395	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	222765	263.298	ug/l	100
59) 2-Hexanone	9.433	43	357016	259.467	ug/l	99
60) Dibromochloromethane	9.518	129	60677	51.502	ug/l	99
61) 1,2-Dibromoethane	9.604	107	55165	50.426	ug/l	100
64) Tetrachloroethene	9.268	164	45111	47.399	ug/l	97
65) Chlorobenzene	10.079	112	143974	49.983	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.158	131	49904	49.902	ug/l	98
67) Ethyl Benzene	10.189	91	259982	50.395	ug/l	99
68) m/p-Xylenes	10.299	106	189582	101.039	ug/l	99
69) o-Xylene	10.640	106	94810	51.294	ug/l	98
70) Styrene	10.652	104	159810	52.385	ug/l	99
71) Bromoform	10.799	173	37433	50.132	ug/l #	98
73) Isopropylbenzene	10.957	105	252881	49.753	ug/l	100
74) N-amyl acetate	10.841	43	121387	49.926	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	84233	47.176	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	72492m	46.836	ug/l	
77) Bromobenzene	11.195	156	56882	48.436	ug/l	99
78) n-propylbenzene	11.305	91	291204	49.741	ug/l	100
79) 2-Chlorotoluene	11.359	91	182163	48.671	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	210739	50.140	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	20335	44.589	ug/l	95
82) 4-Chlorotoluene	11.451	91	207110	49.632	ug/l	100
83) tert-Butylbenzene	11.713	119	208036	49.996	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	211110	50.044	ug/l	100
85) sec-Butylbenzene	11.890	105	260361	50.943	ug/l	100
86) p-Isopropyltoluene	12.006	119	212566	50.448	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	102095	47.759	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	101930	47.033	ug/l	98
89) n-Butylbenzene	12.329	91	184298	50.440	ug/l	100
90) Hexachloroethane	12.536	117	35741	49.357	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	103817	48.847	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	19365	51.860	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	59591	50.371	ug/l	99
94) Hexachlorobutadiene	13.725	225	24648	48.349	ug/l	97
95) Naphthalene	13.774	128	226111	51.359	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	61729	49.830	ug/l	99

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Response via : Initial Calibration

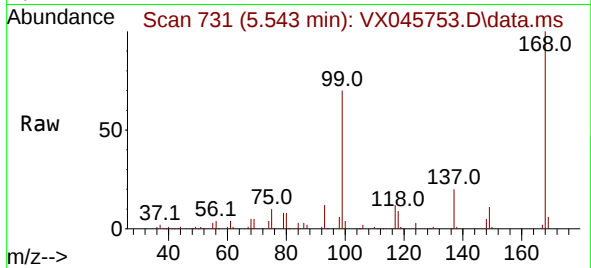
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

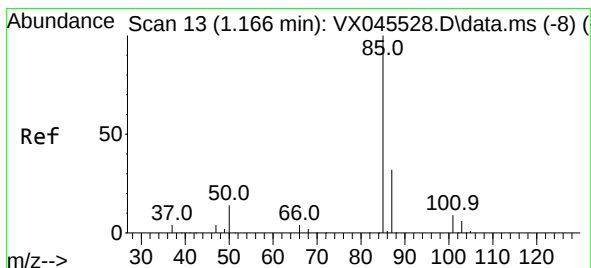
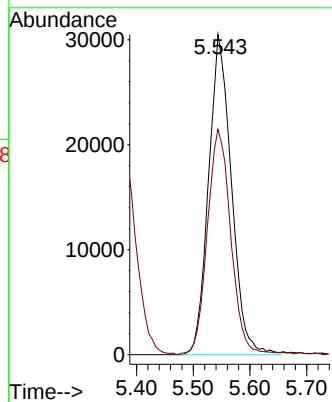
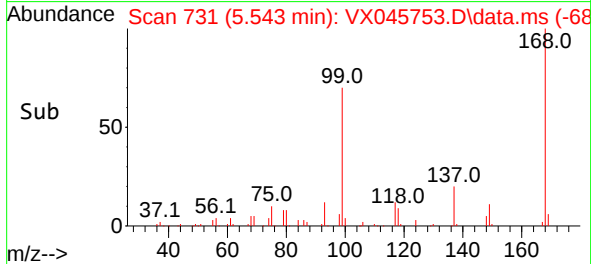
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 8520
Ion Ratio Lower Upper
168 100
99 70.1 52.3 78.5

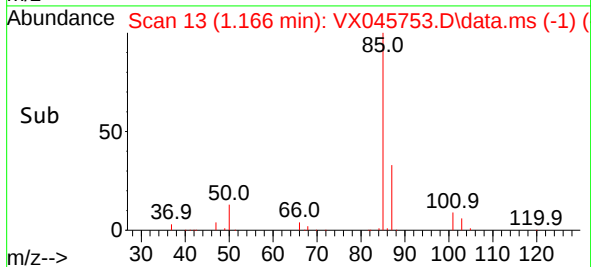
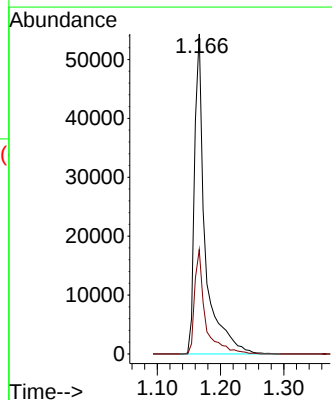
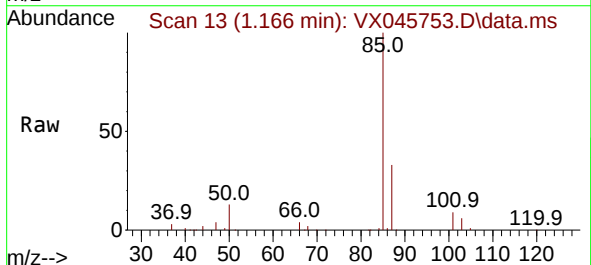
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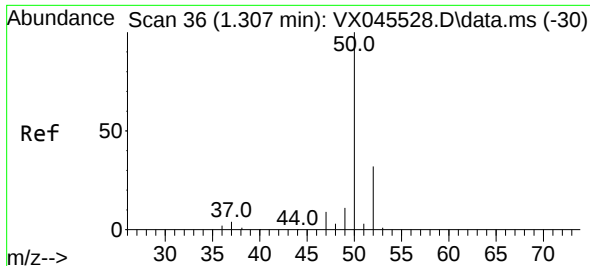
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#2
Dichlorodifluoromethane
Concen: 50.299 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

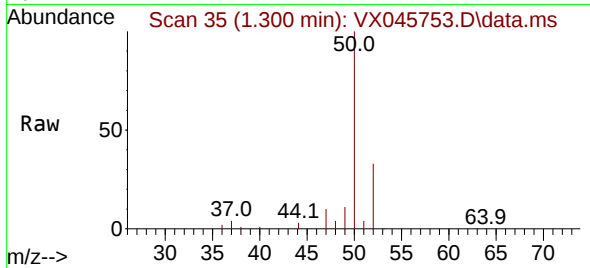
Tgt Ion: 85 Resp: 64094
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2





#3
Chloromethane
Concen: 46.832 ug/l
RT: 1.300 min Scan# 36
Delta R.T. -0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

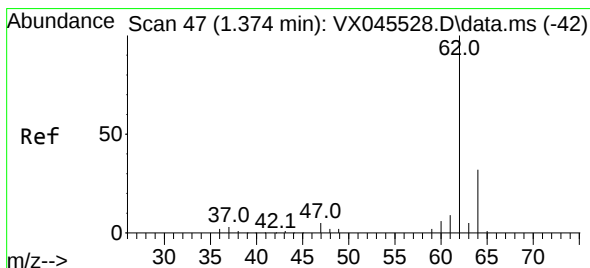
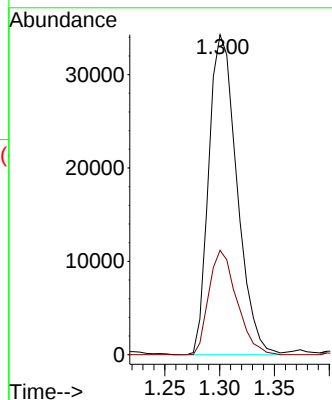
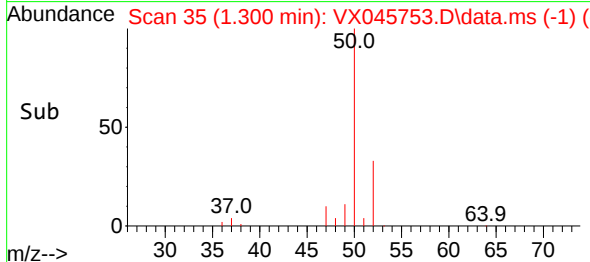
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 61308
Ion Ratio Lower Upper
50 100
52 32.6 25.9 38.9

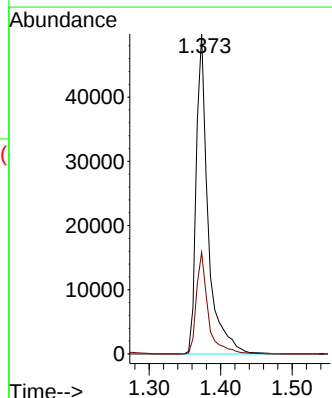
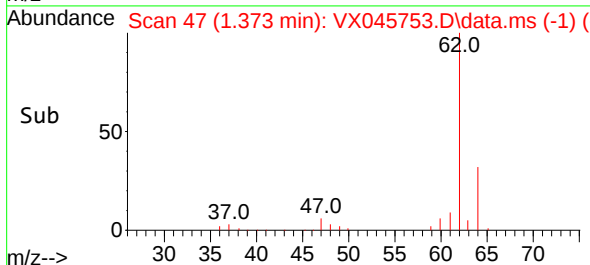
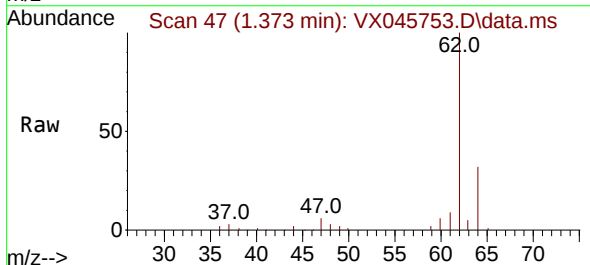
Manual Integrations
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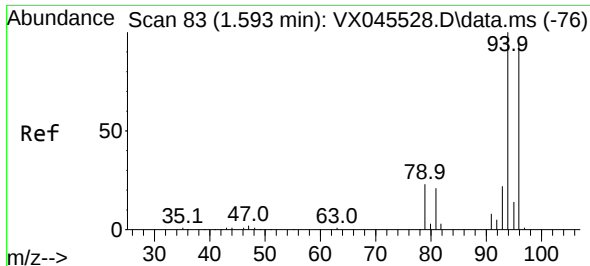
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#4
Vinyl Chloride
Concen: 48.070 ug/l
RT: 1.373 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

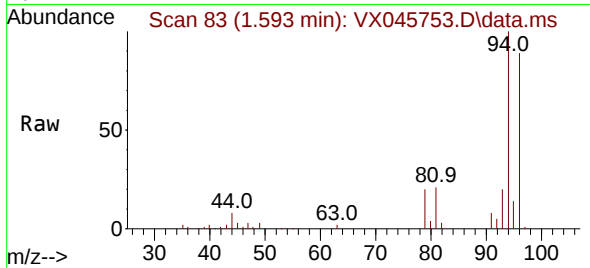
Tgt Ion: 62 Resp: 57590
Ion Ratio Lower Upper
62 100
64 31.8 25.5 38.3





#5
Bromomethane
Concen: 45.288 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

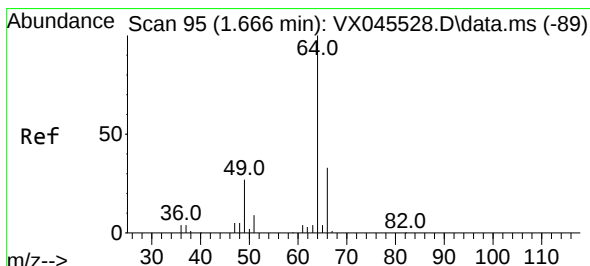
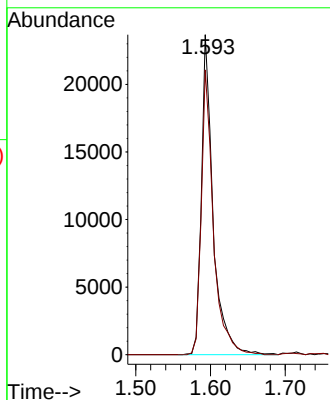
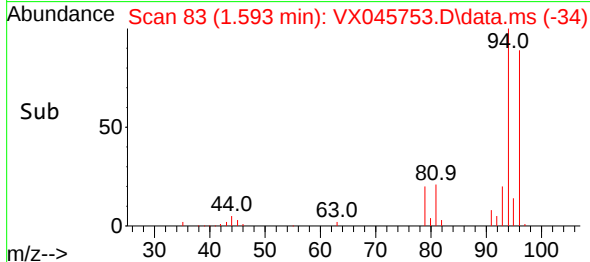
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 25720
Ion Ratio Lower Upper
94 100
96 89.0 74.8 112.2

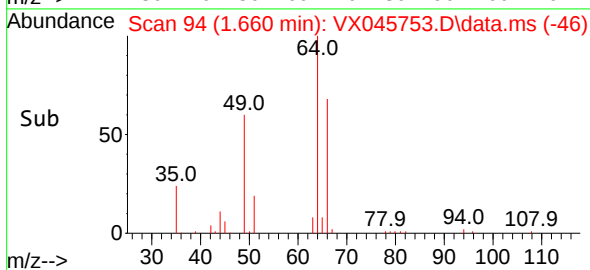
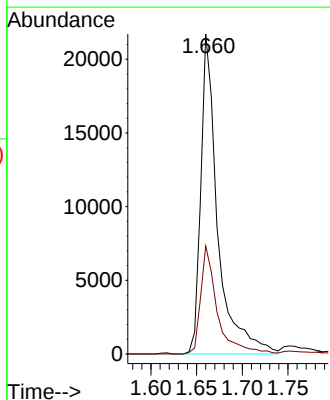
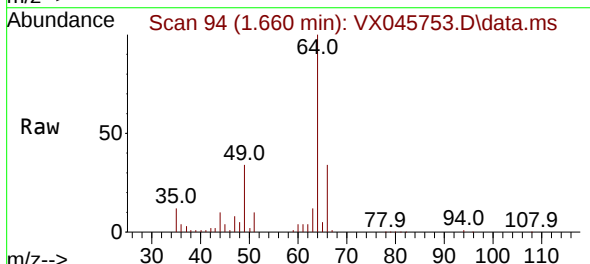
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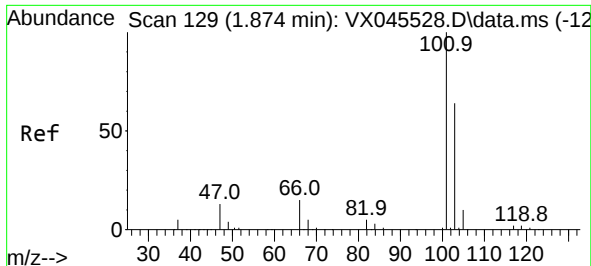
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#6
Chloroethane
Concen: 43.844 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

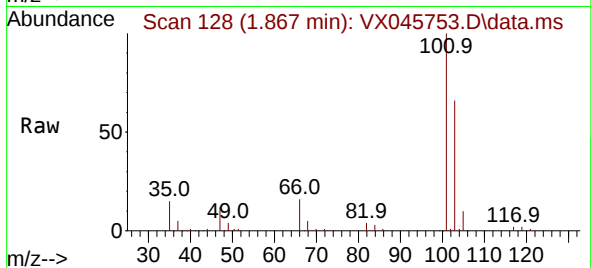
Tgt Ion: 64 Resp: 27868
Ion Ratio Lower Upper
64 100
66 33.8 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 49.869 ug/l
 RT: 1.867 min Scan# 129
 Delta R.T. -0.006 min
 Lab File: VX045753.D
 Acq: 11 Apr 2025 19:42

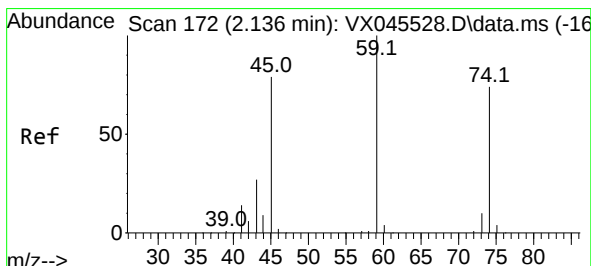
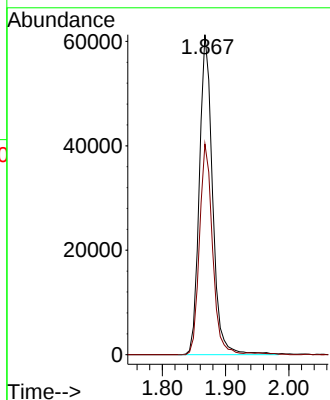
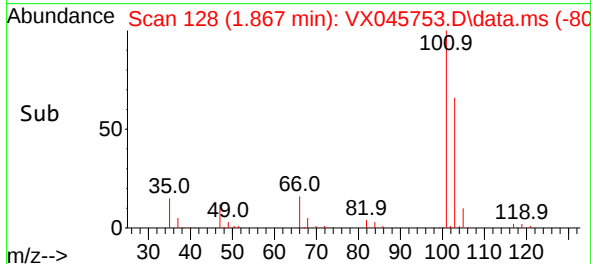
Instrument :
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 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 89092
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.1 76.7

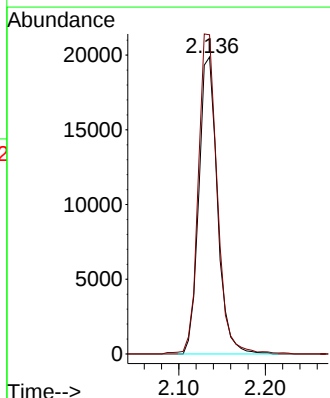
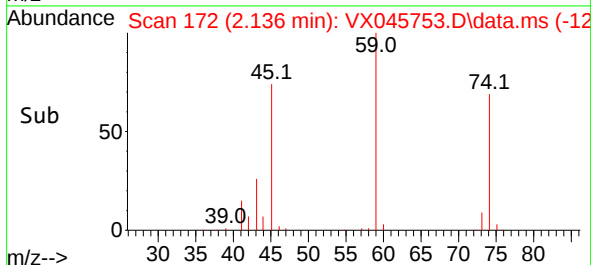
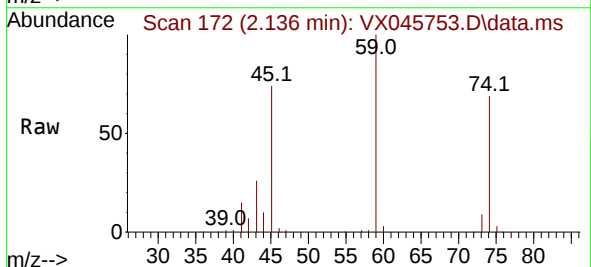
Manual Integrations
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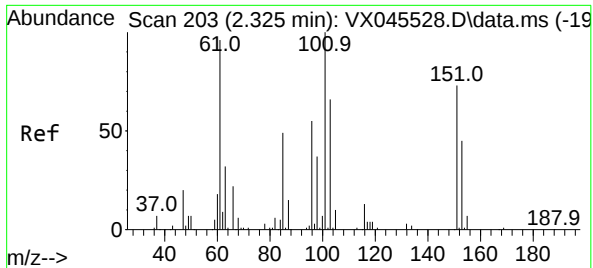
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#8
 Diethyl Ether
 Concen: 49.444 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX045753.D
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Tgt Ion: 74 Resp: 29656
 Ion Ratio Lower Upper
 74 100
 45 110.1 53.0 159.1





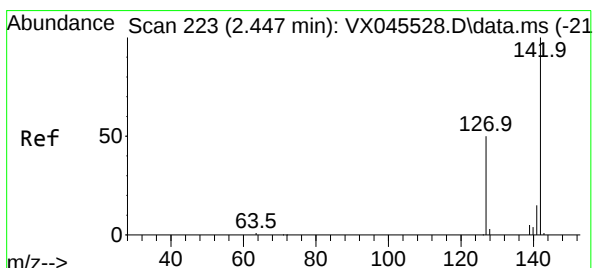
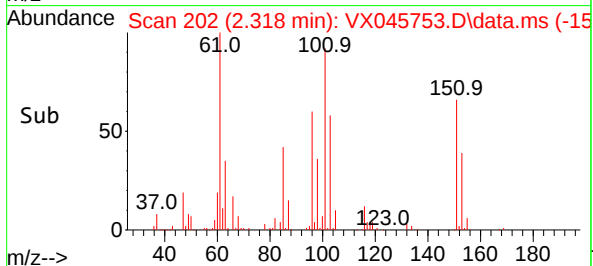
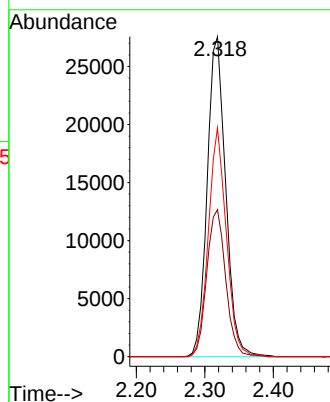
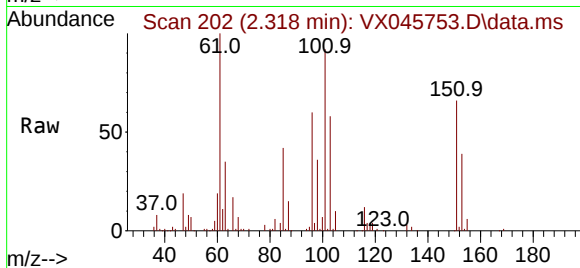
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.300 ug/l
RT: 2.318 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 51610
Ion Ratio Lower Upper
101 100
85 47.2 38.9 58.3
151 69.7 57.5 86.3

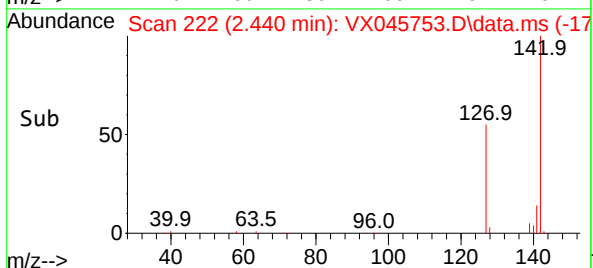
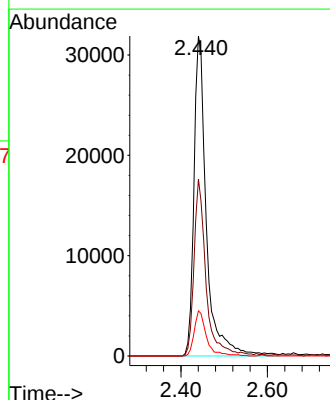
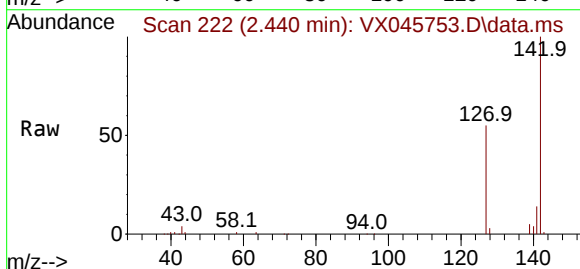
Manual Integrations
APPROVED

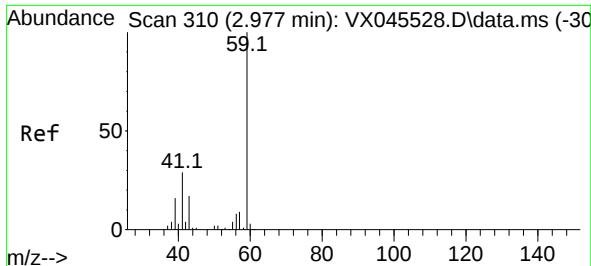
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#10
Methyl Iodide
Concen: 48.966 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Tgt Ion:142 Resp: 63937
Ion Ratio Lower Upper
142 100
127 52.9 40.2 60.4
141 13.8 11.7 17.5





#11

Tert butyl alcohol

Concen: 243.014 ug/l

RT: 2.989 min Scan# 310

Delta R.T. 0.012 min

Lab File: VX045753.D

Acq: 11 Apr 2025 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 50890

Ion Ratio Lower Upper

59 100

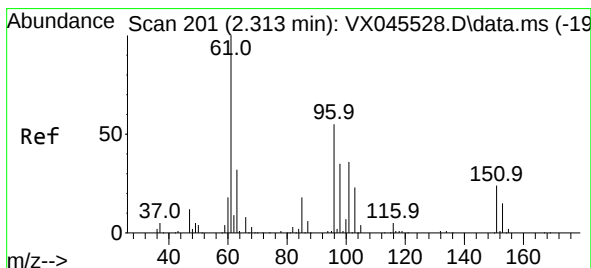
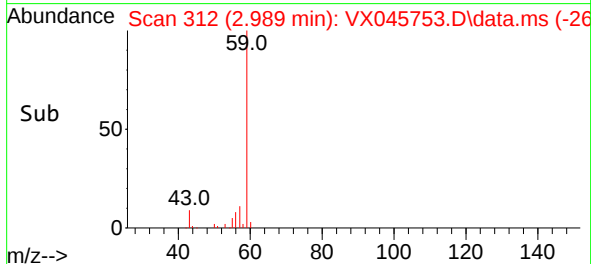
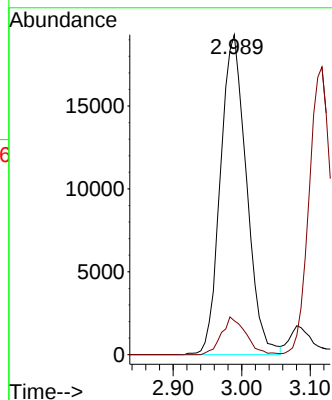
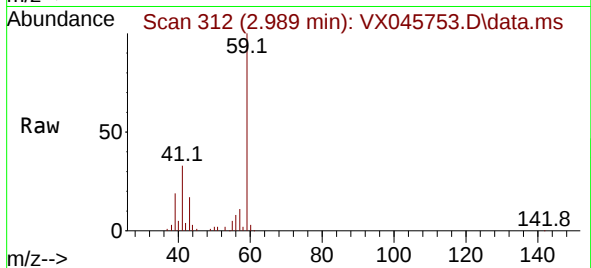
57 11.1 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#12

1,1-Dichloroethene

Concen: 48.327 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX045753.D

Acq: 11 Apr 2025 19:42

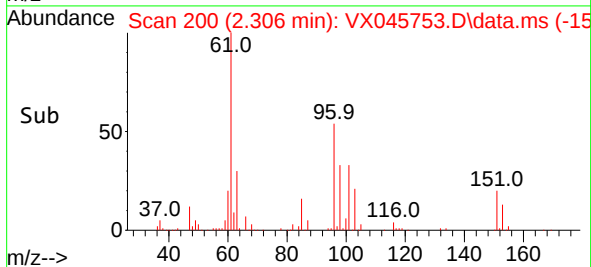
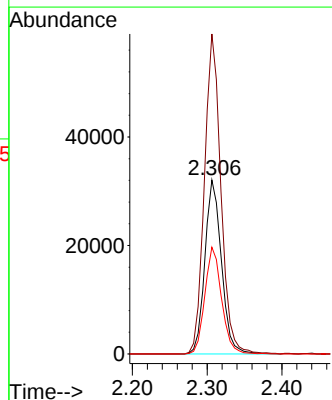
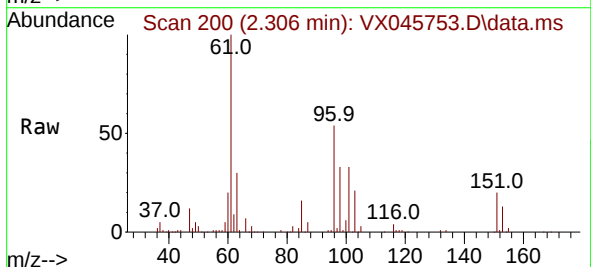
Tgt Ion: 96 Resp: 49434

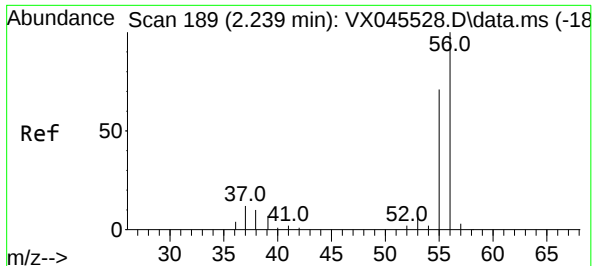
Ion Ratio Lower Upper

96 100

61 183.9 145.7 218.5

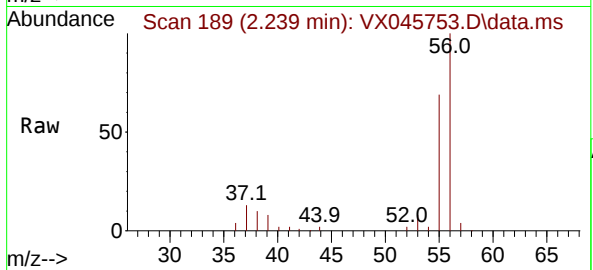
98 61.4 51.6 77.4





#13
Acrolein
Concen: 252.744 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

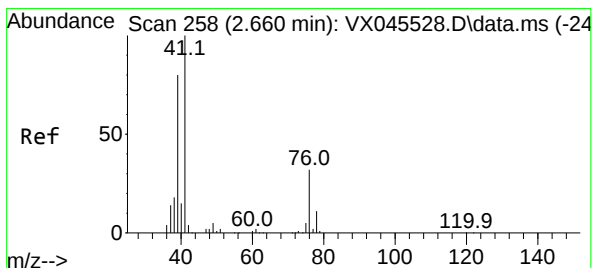
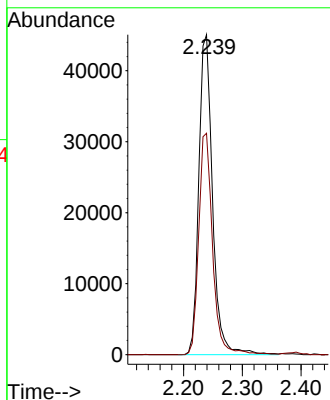
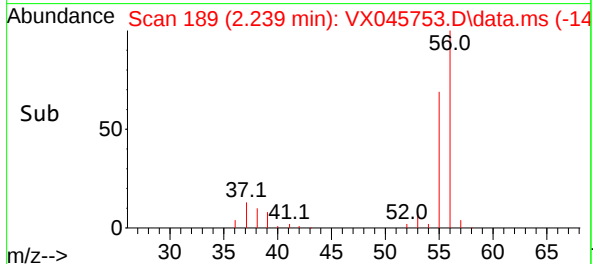
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 7288
Ion Ratio Lower Upper
56 100
55 70.2 56.2 84.2

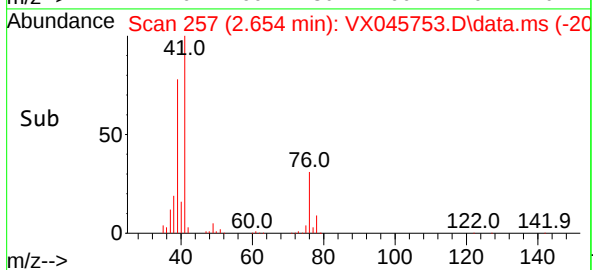
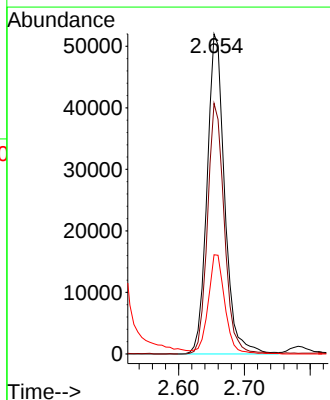
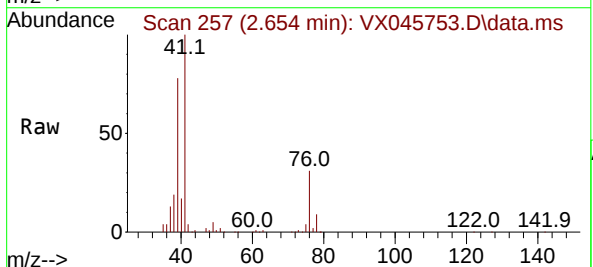
Manual Integrations
APPROVED

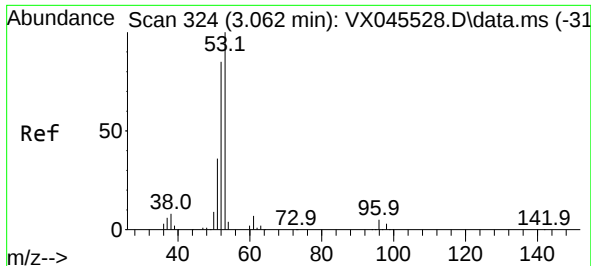
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#14
Allyl chloride
Concen: 50.013 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

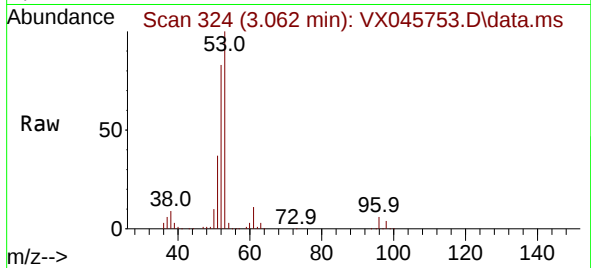
Tgt Ion: 41 Resp: 97067
Ion Ratio Lower Upper
41 100
39 74.5 60.2 90.2
76 29.5 24.6 36.8





#15
Acrylonitrile
Concen: 251.263 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

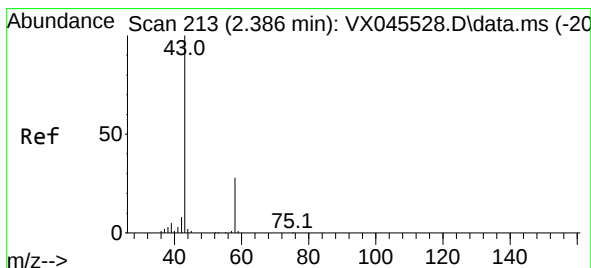
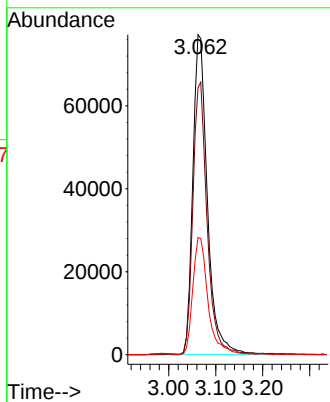
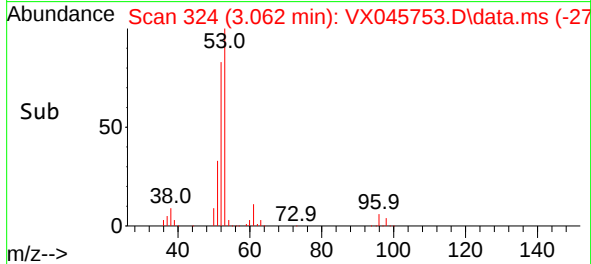
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 166094
Ion Ratio Lower Upper
53 100
52 83.7 67.4 101.2
51 38.2 29.9 44.9

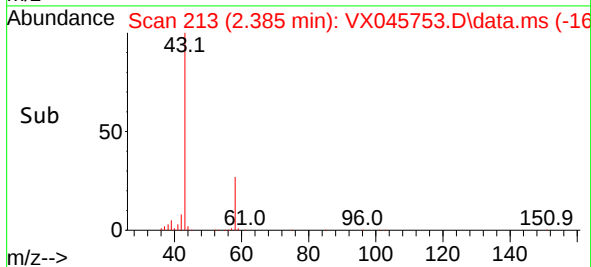
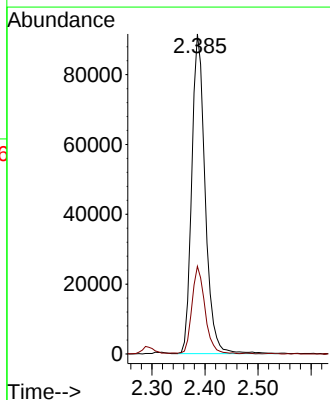
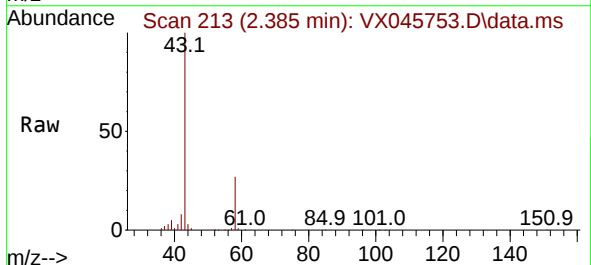
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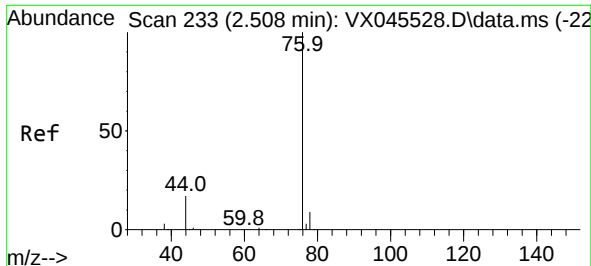
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#16
Acetone
Concen: 250.602 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Tgt Ion: 43 Resp: 160347
Ion Ratio Lower Upper
43 100
58 27.3 22.3 33.5





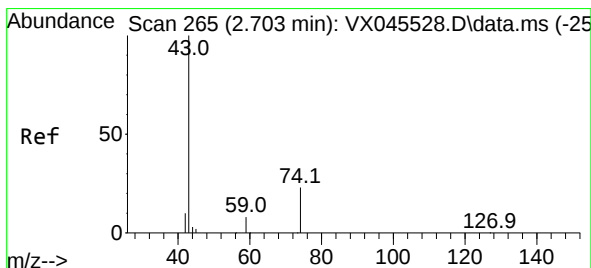
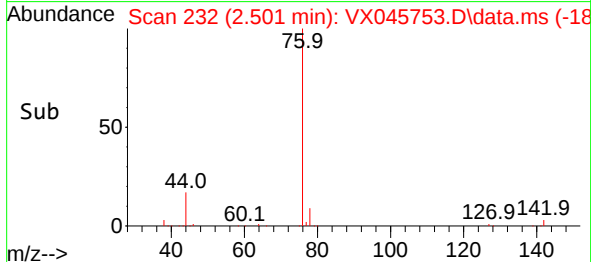
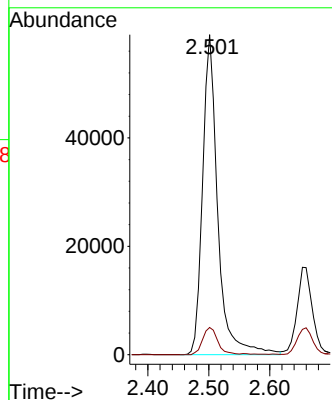
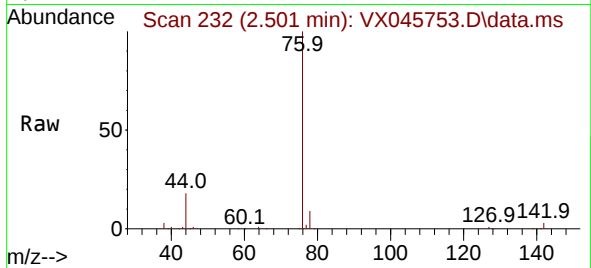
#17
Carbon Disulfide
Concen: 40.308 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 101834
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6

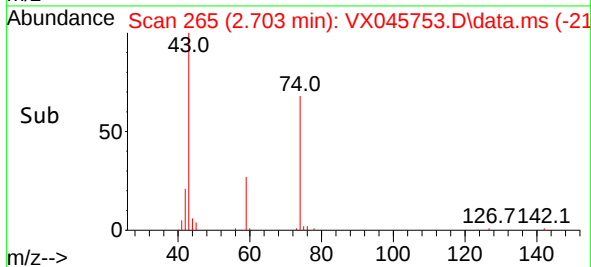
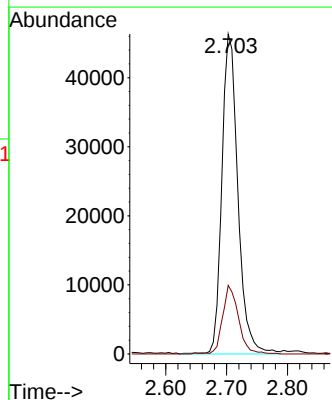
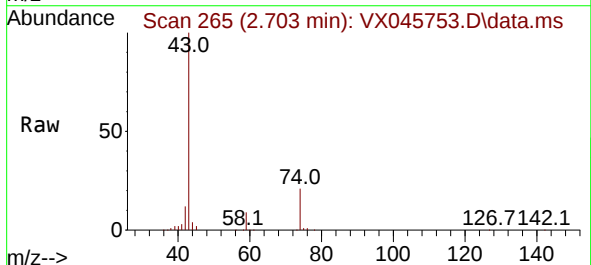
Manual Integrations
APPROVED

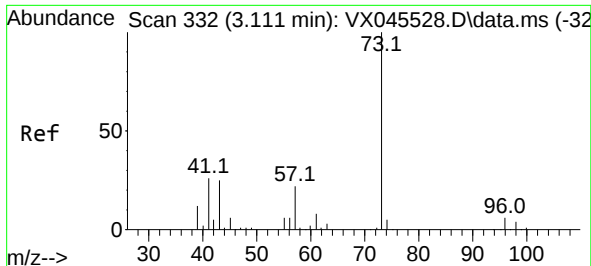
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#18
Methyl Acetate
Concen: 57.504 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Tgt Ion: 43 Resp: 84713
Ion Ratio Lower Upper
43 100
74 21.1 17.5 26.3





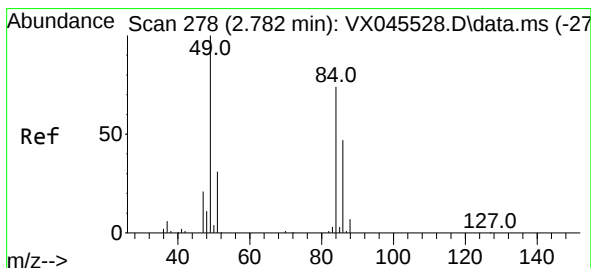
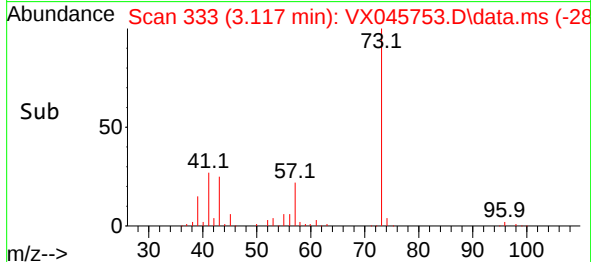
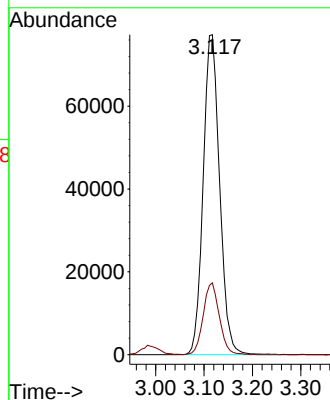
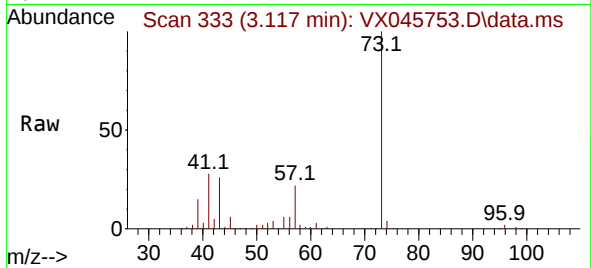
#19
Methyl tert-butyl Ether
Concen: 50.943 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 182289
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4

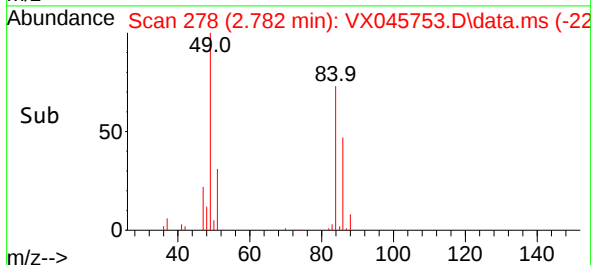
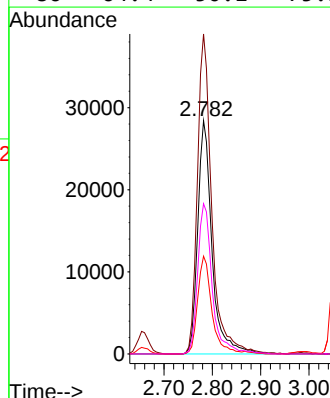
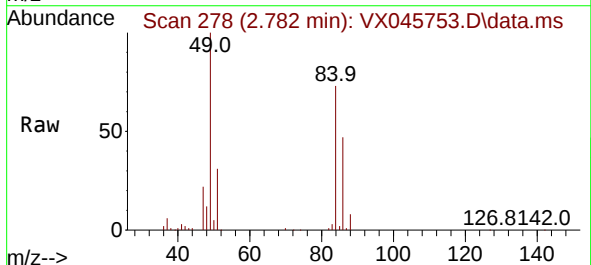
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#20
Methylene Chloride
Concen: 48.665 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Tgt Ion: 84 Resp: 58294
Ion Ratio Lower Upper
84 100
49 137.1 107.5 161.3
51 41.9 33.0 49.6
86 64.4 50.1 75.1





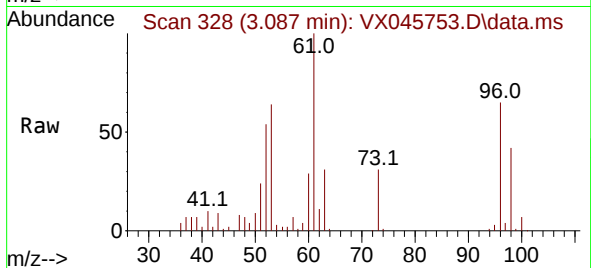
#21
trans-1,2-Dichloroethene
Concen: 47.769 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



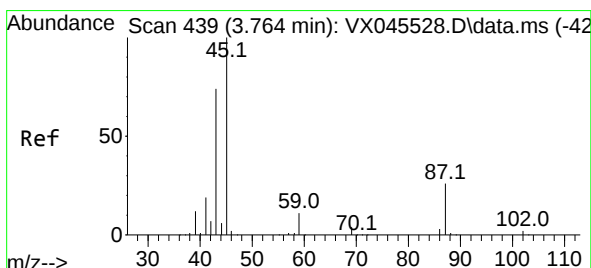
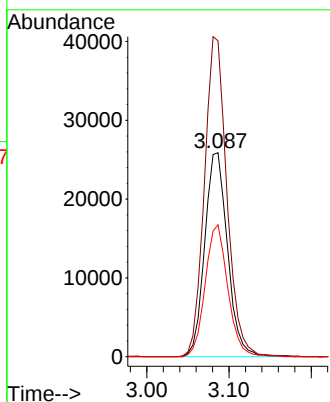
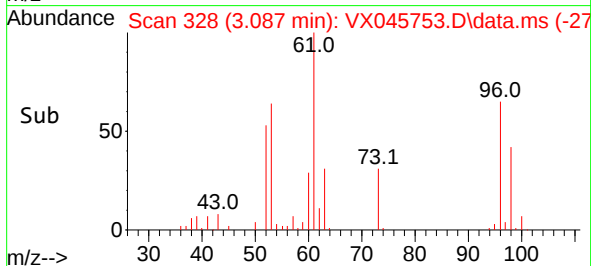
Tgt Ion: 96 Resp: 49920
Ion Ratio Lower Upper
96 100
61 154.9 121.0 181.6
98 64.7 49.7 74.5

Manual Integrations

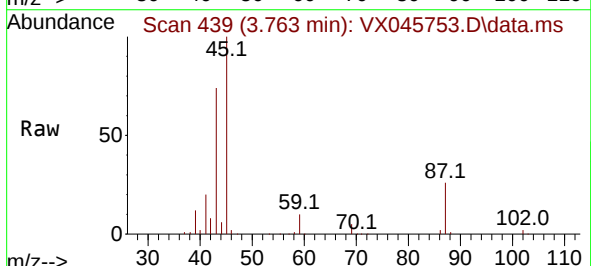
APPROVED

Reviewed By :John Carlone 04/14/2025

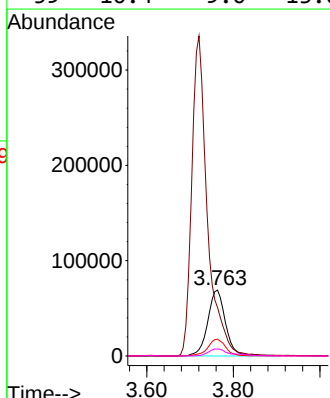
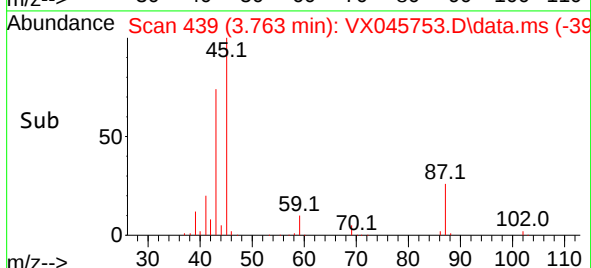
Supervised By :Mahesh Dadoda 04/14/2025

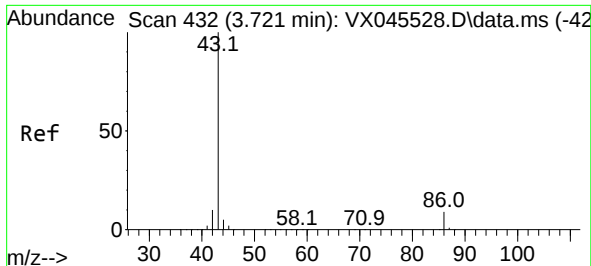


#22
Diisopropyl ether
Concen: 51.529 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42



Tgt Ion: 45 Resp: 197003
Ion Ratio Lower Upper
45 100
43 73.5 59.3 88.9
87 25.5 20.4 30.6
59 10.4 9.0 13.6





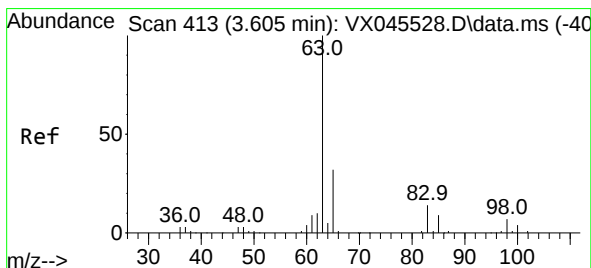
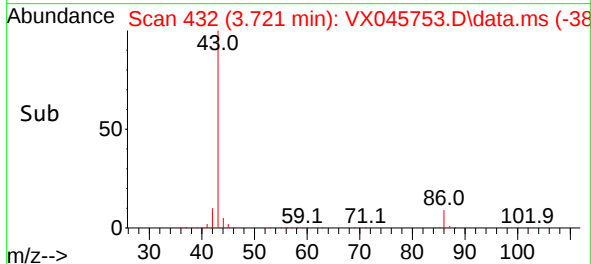
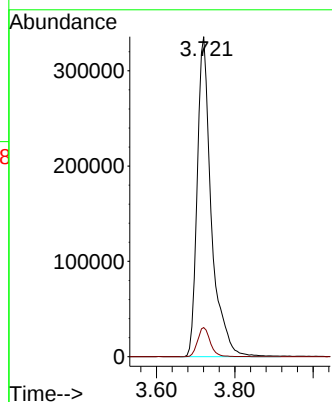
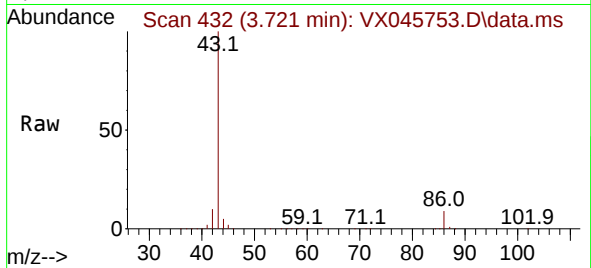
#23
 Vinyl Acetate
 Concen: 255.514 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045753.D
 Acq: 11 Apr 2025 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 844015
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3

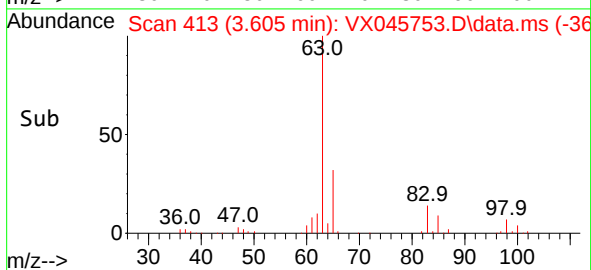
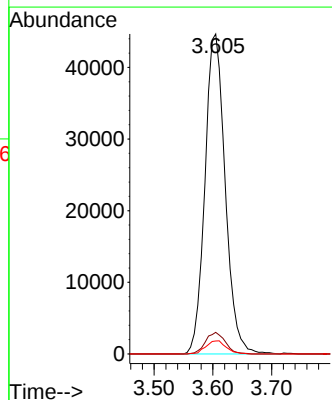
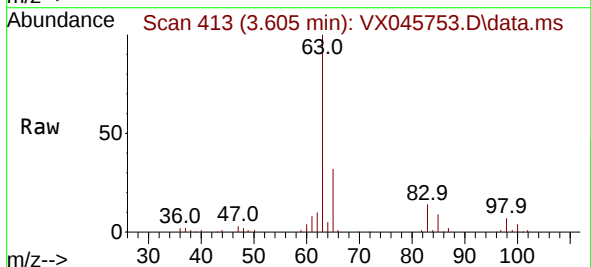
Manual Integrations
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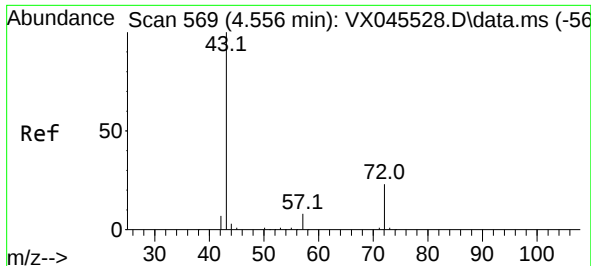
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025



#24
 1,1-Dichloroethane
 Concen: 49.540 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX045753.D
 Acq: 11 Apr 2025 19:42

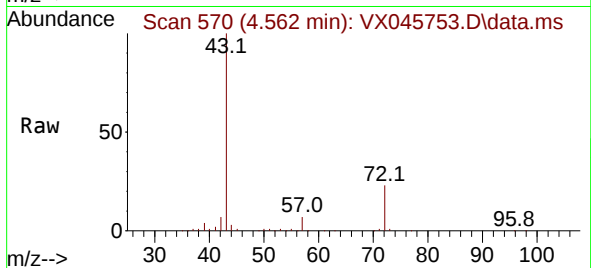
Tgt Ion: 63 Resp: 107113
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.0 2.2 6.6





#25
2-Butanone
Concen: 258.535 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

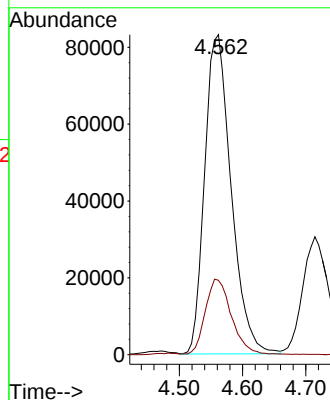
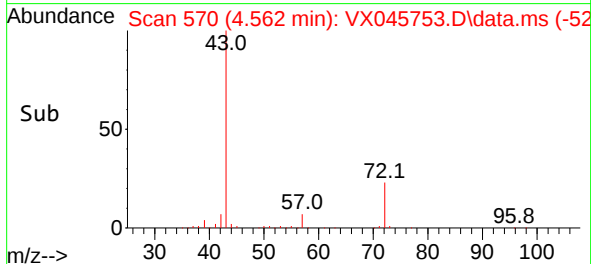
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 24214
Ion Ratio Lower Upper
43 100
72 23.1 18.6 28.0

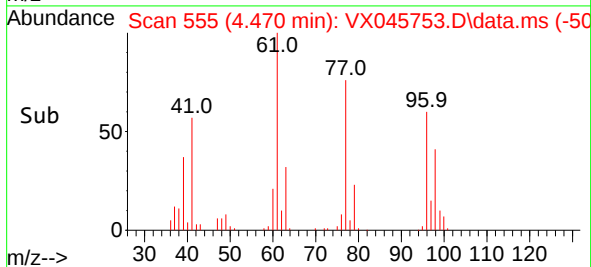
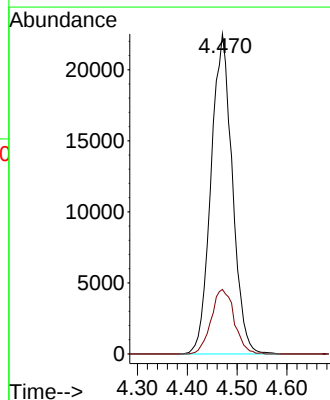
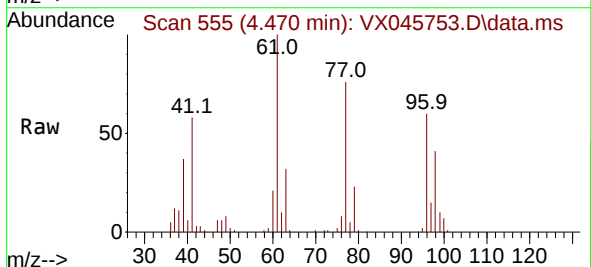
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#26
2,2-Dichloropropane
Concen: 47.800 ug/l
RT: 4.470 min Scan# 555
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Tgt Ion: 77 Resp: 66775
Ion Ratio Lower Upper
77 100
97 21.8 10.6 31.8





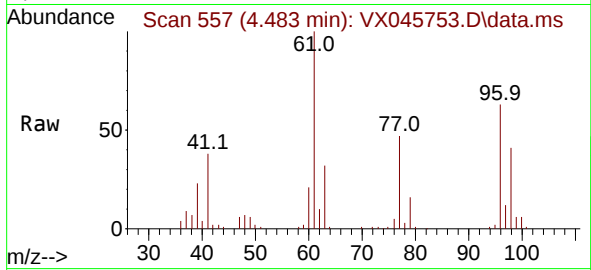
#27
cis-1,2-Dichloroethene
Concen: 48.460 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



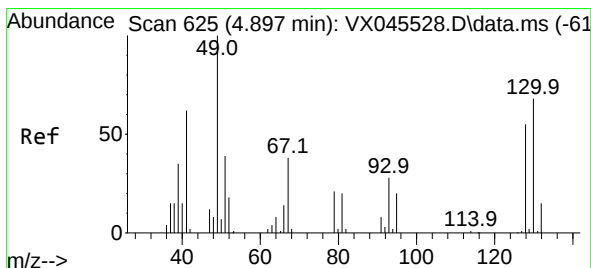
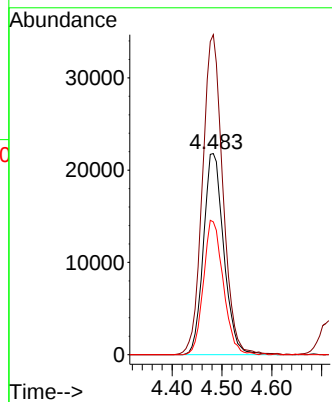
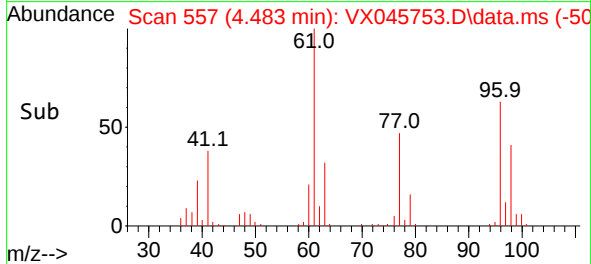
Tgt Ion: 96 Resp: 61699
Ion Ratio Lower Upper
96 100
61 159.5 0.0 313.2
98 65.0 0.0 126.4

Manual Integrations

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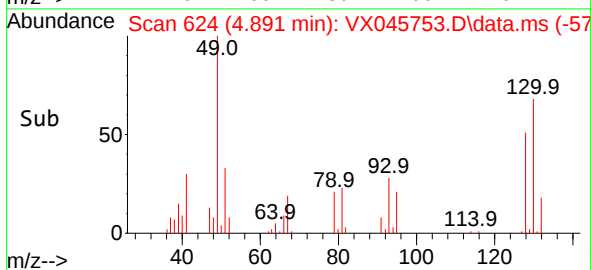
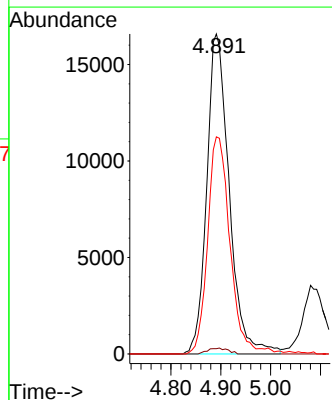
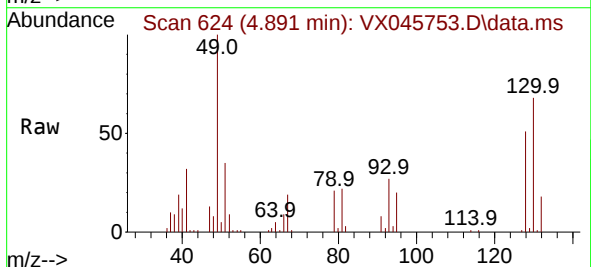
Reviewed By :John Carlone 04/14/2025

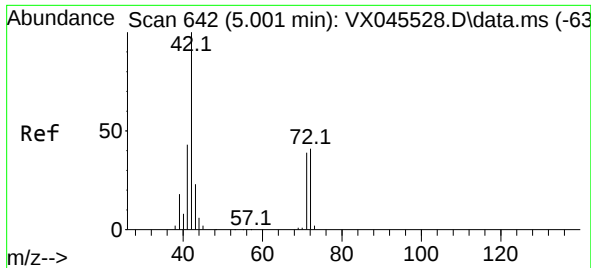
Supervised By :Mahesh Dadoda 04/14/2025



#28
Bromochloromethane
Concen: 49.600 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

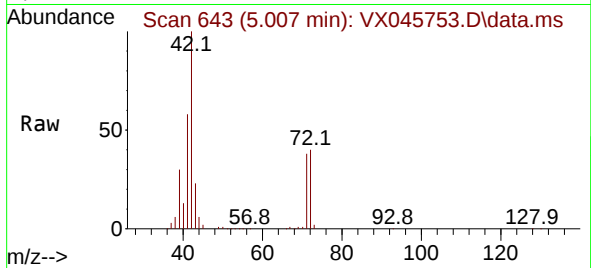
Tgt Ion: 49 Resp: 51825
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.8
130 66.8 54.6 81.8





#29
Tetrahydrofuran
Concen: 251.219 ug/l
RT: 5.007 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

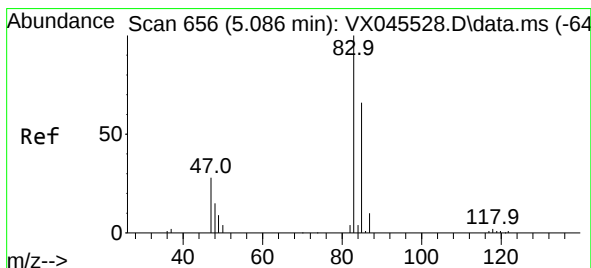
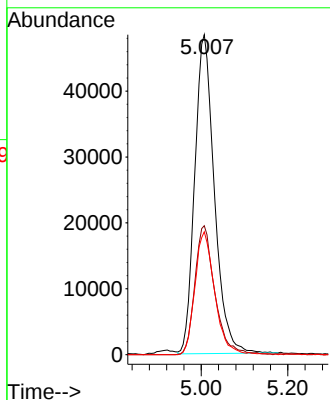
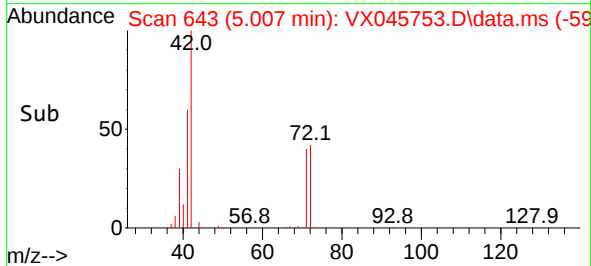
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 152548
Ion Ratio Lower Upper
42 100
72 41.0 33.4 50.0
71 38.5 31.4 47.0

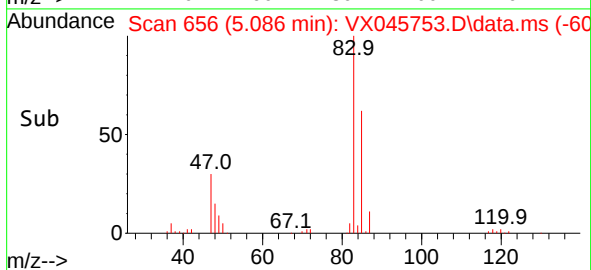
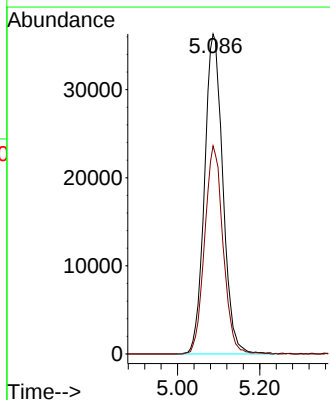
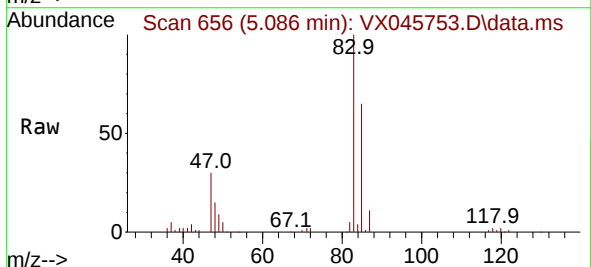
Manual Integrations
APPROVED

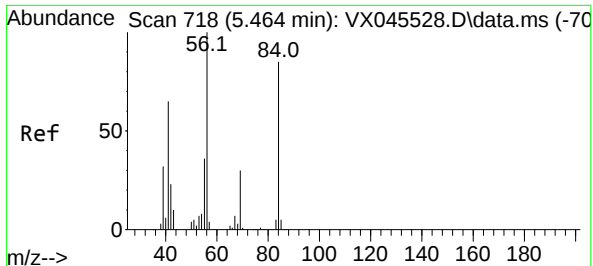
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#30
Chloroform
Concen: 50.559 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

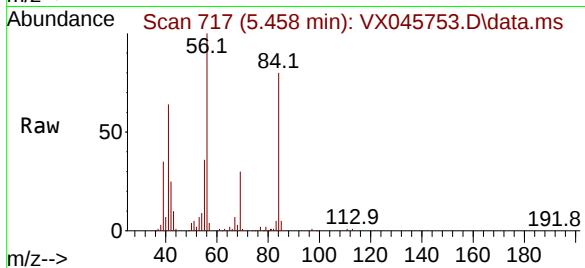
Tgt Ion: 83 Resp: 112483
Ion Ratio Lower Upper
83 100
85 65.1 52.8 79.2





#31
Cyclohexane
Concen: 47.195 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

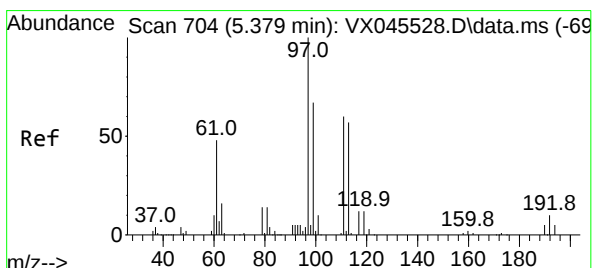
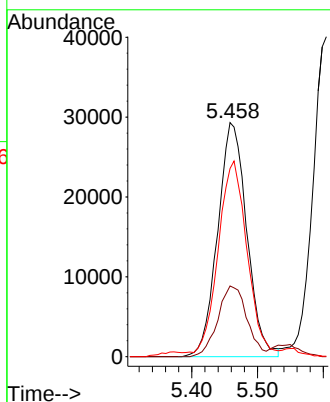
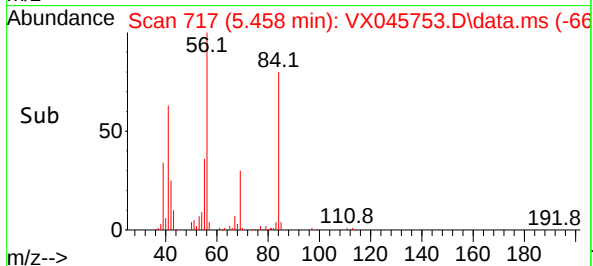
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



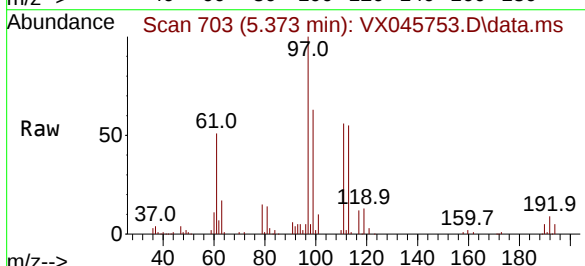
Tgt Ion: 56 Resp: 9021
Ion Ratio Lower Upper
56 100
69 30.2 23.6 35.4
84 78.5 67.7 101.5

Manual Integrations
APPROVED

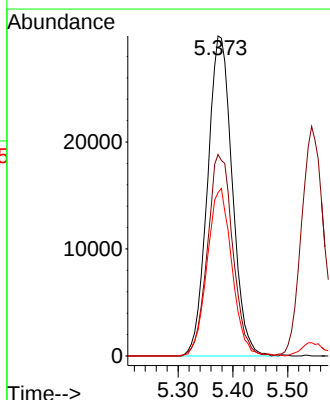
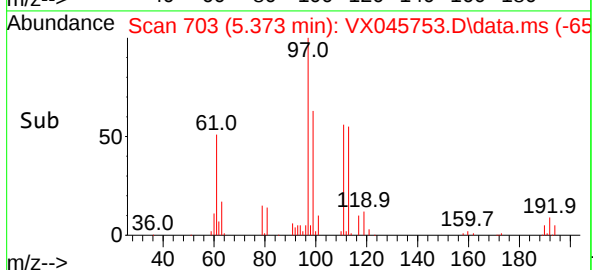
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#32
1,1,1-Trichloroethane
Concen: 49.717 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42



Tgt Ion: 97 Resp: 93595
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 52.7 41.0 61.4





#33

1,2-Dichloroethane-d4

Concen: 52.816 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045753.D

Acq: 11 Apr 2025 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 82299

Ion Ratio Lower Upper

65 100

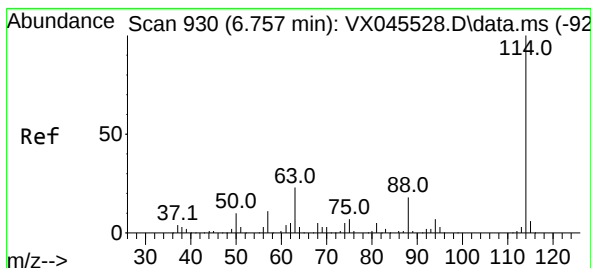
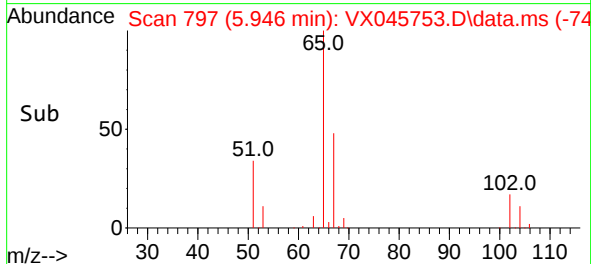
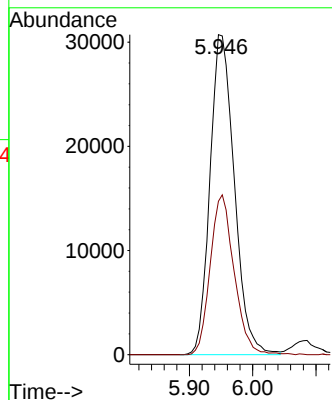
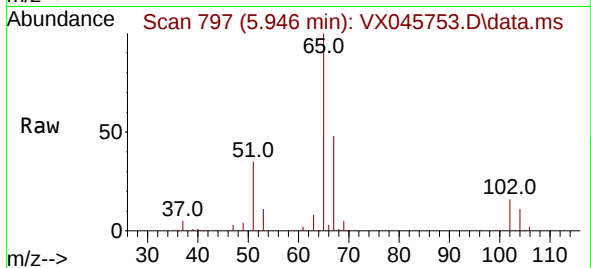
67 49.0 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045753.D

Acq: 11 Apr 2025 19:42

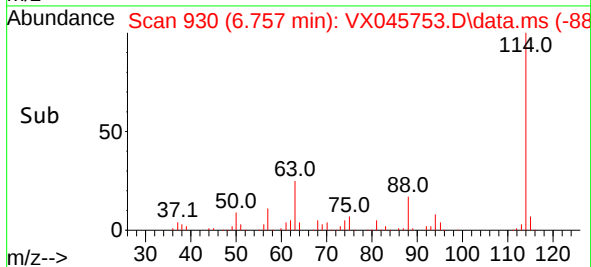
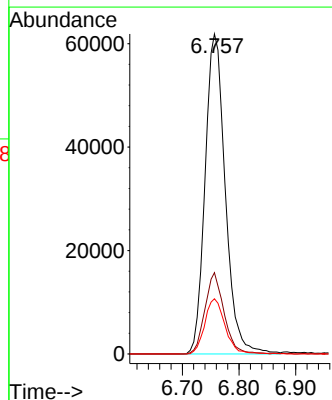
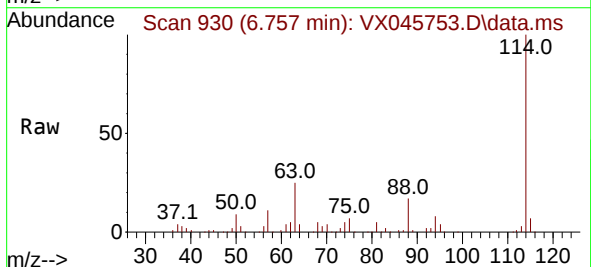
Tgt Ion:114 Resp: 153186

Ion Ratio Lower Upper

114 100

63 25.4 0.0 46.8

88 17.3 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.205 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045753.D

Acq: 11 Apr 2025 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

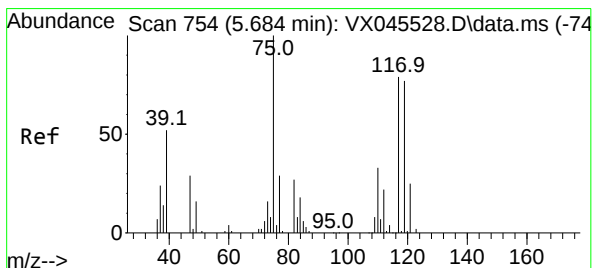
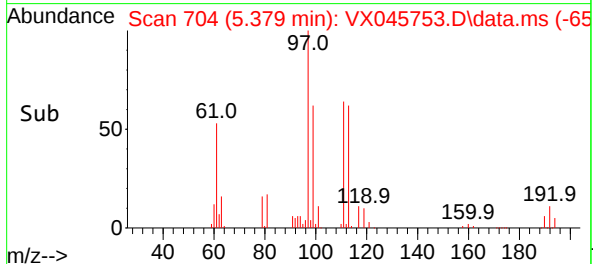
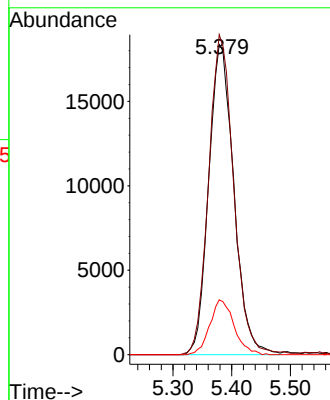
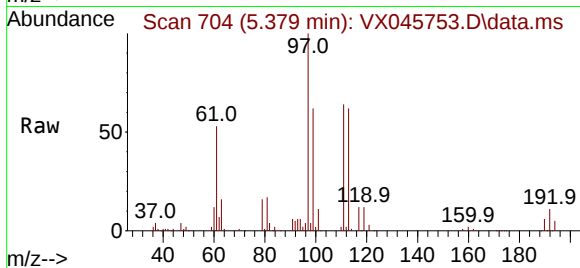
Tgt Ion:	113	Resp:	5456
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.6
192	17.1	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#36

1,1-Dichloropropene

Concen: 47.875 ug/l

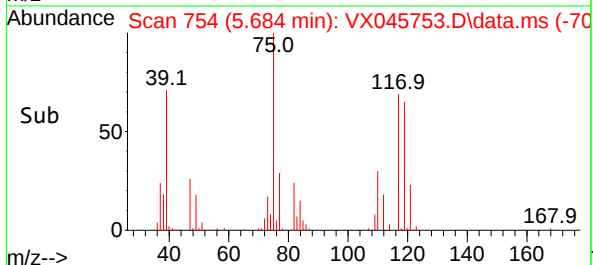
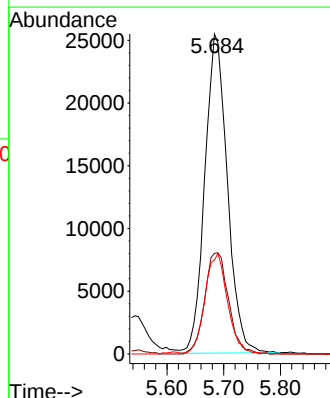
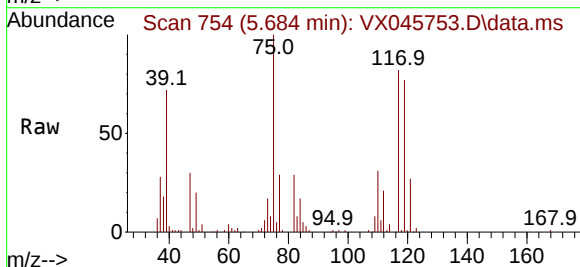
RT: 5.684 min Scan# 754

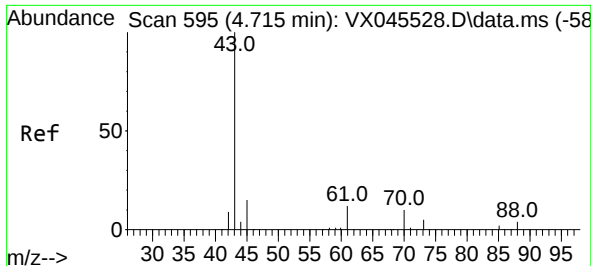
Delta R.T. -0.000 min

Lab File: VX045753.D

Acq: 11 Apr 2025 19:42

Tgt Ion:	75	Resp:	70256
Ion	Ratio	Lower	Upper
75	100		
110	33.3	16.9	50.6
77	31.6	25.0	37.4





#37

Ethyl Acetate

Concen: 48.411 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX045753.D

Acq: 11 Apr 2025 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 8952

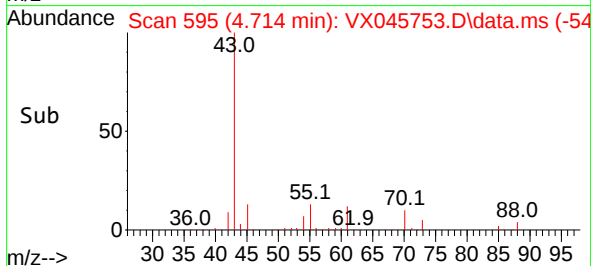
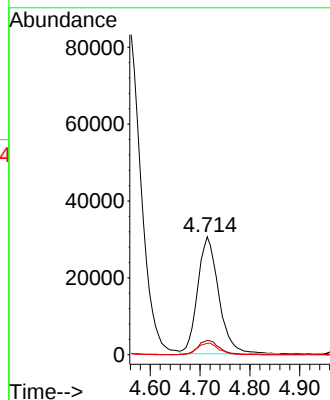
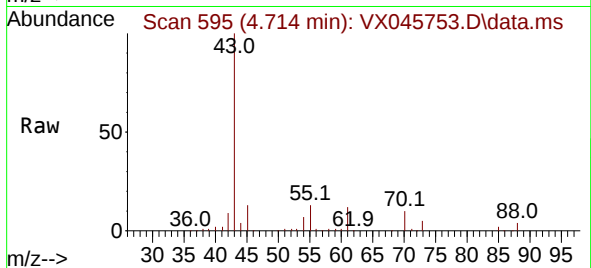
Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	9.8	7.5	11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#38

Carbon Tetrachloride

Concen: 50.115 ug/l

RT: 5.671 min Scan# 752

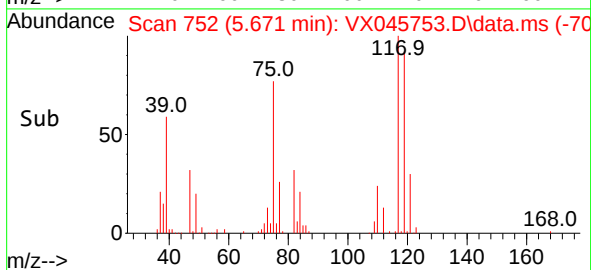
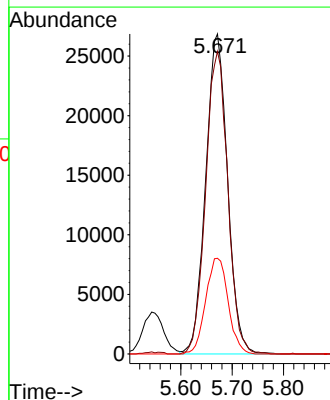
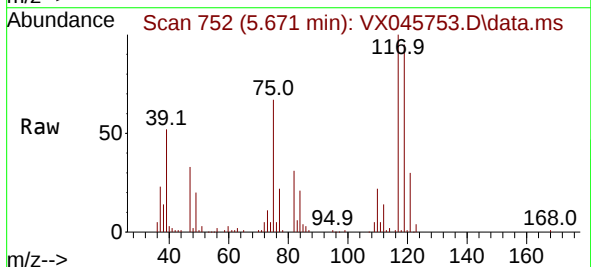
Delta R.T. -0.000 min

Lab File: VX045753.D

Acq: 11 Apr 2025 19:42

Tgt Ion:117 Resp: 79481

Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.9	115.3
121	29.9	24.2	36.2





#39

Methylcyclohexane

Concen: 47.841 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045753.D

Acq: 11 Apr 2025 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

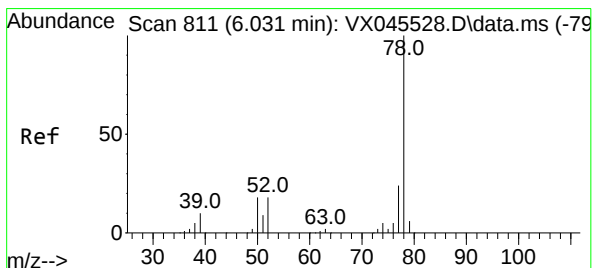
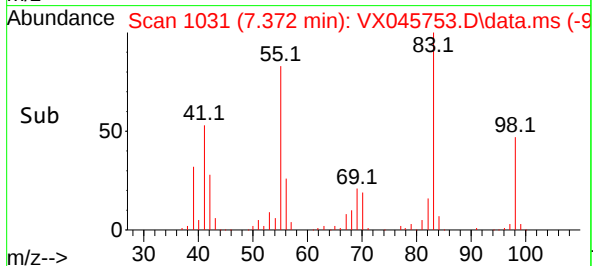
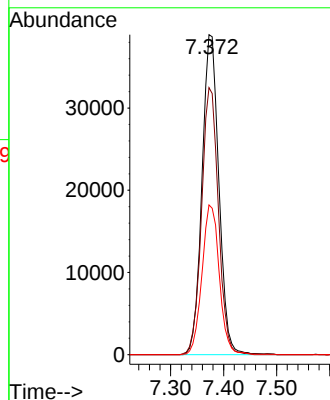
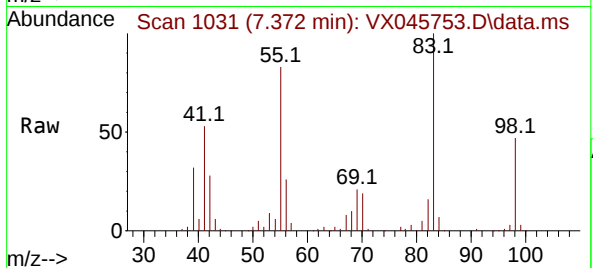
Tgt Ion: 83	Resp: 8605
Ion Ratio	Lower Upper
83 100	
55 83.4	64.9 97.3
98 46.8	37.4 56.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#40

Benzene

Concen: 48.421 ug/l

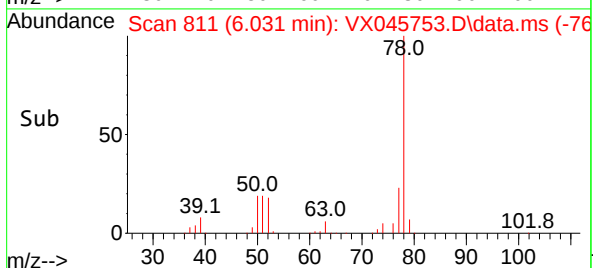
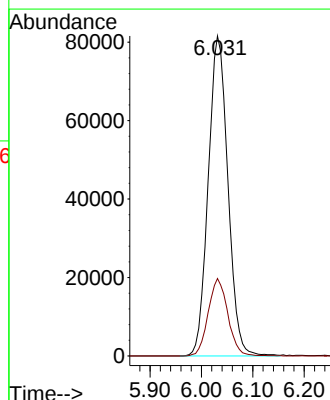
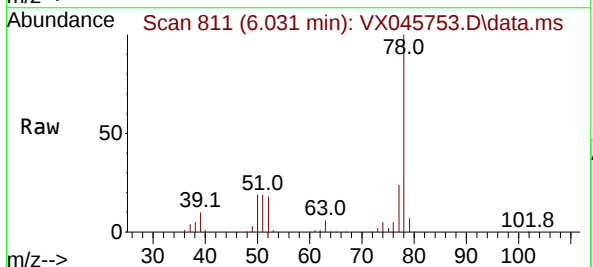
RT: 6.031 min Scan# 811

Delta R.T. -0.000 min

Lab File: VX045753.D

Acq: 11 Apr 2025 19:42

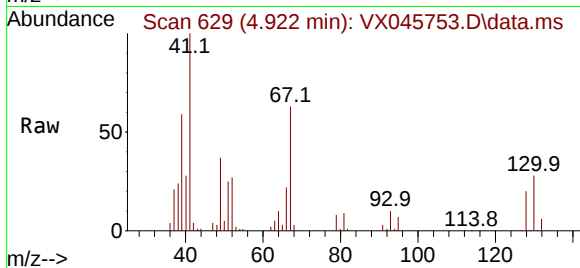
Tgt Ion: 78	Resp: 217012
Ion Ratio	Lower Upper
78 100	
77 24.2	19.0 28.6





#41
Methacrylonitrile
Concen: 54.955 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

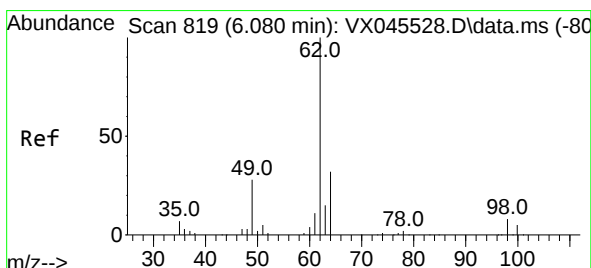
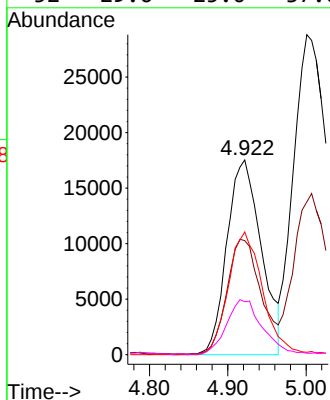
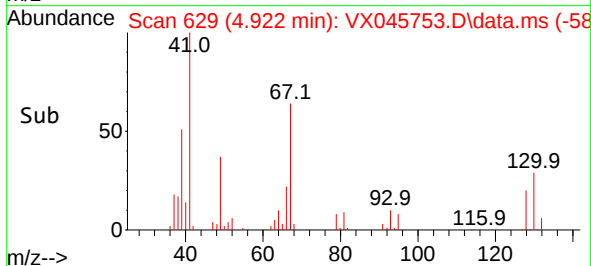
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	41	Resp:	5362
Ion Ratio	100	Lower	Upper
39	58.4	47.0	70.6
67	63.4	53.2	79.8
52	29.6	25.0	37.6

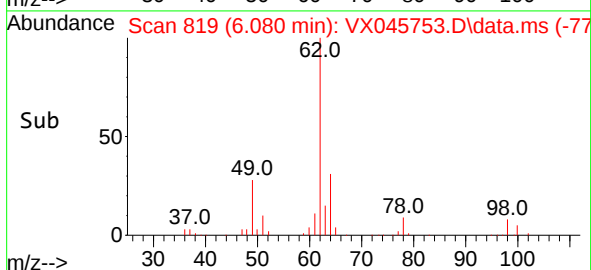
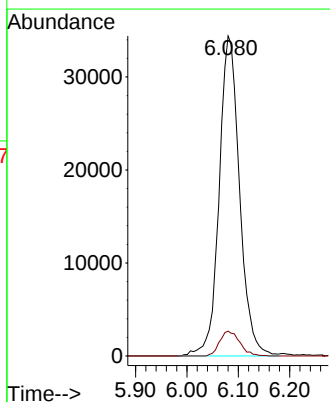
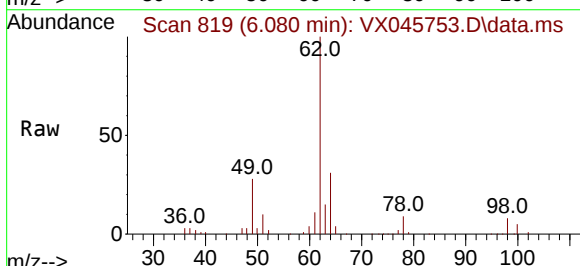
Manual Integrations
APPROVED

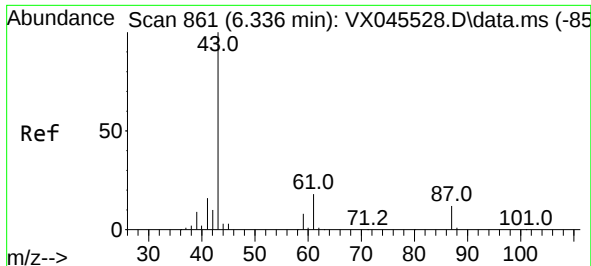
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#42
1,2-Dichloroethane
Concen: 51.365 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

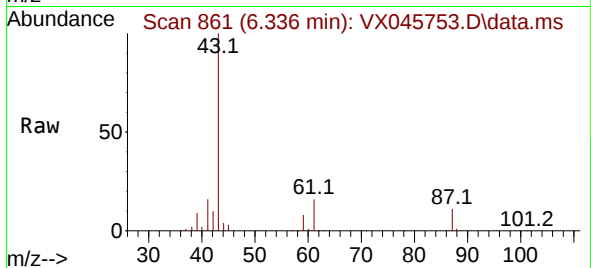
Tgt Ion:	62	Resp:	95082
Ion Ratio	100	Lower	Upper
98	7.6	0.0	15.2





#43
Isopropyl Acetate
Concen: 50.660 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

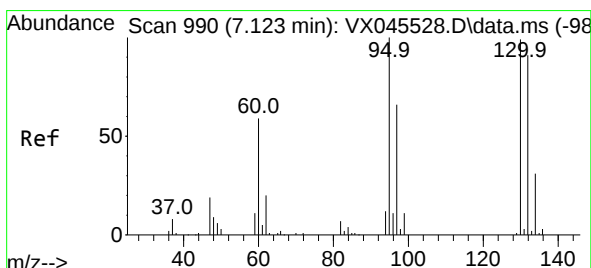
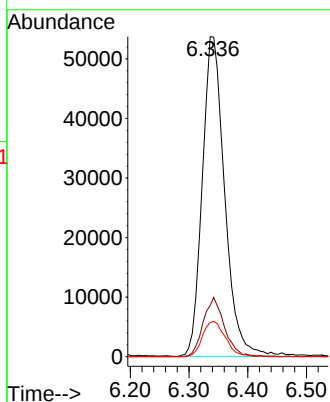
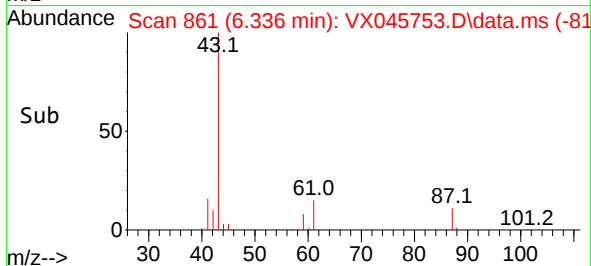
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 14199
Ion Ratio Lower Upper
43 100
61 17.7 14.1 21.1
87 11.2 9.2 13.8

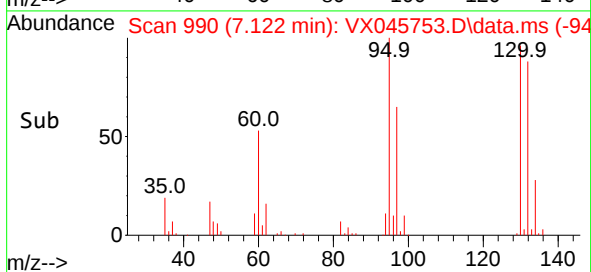
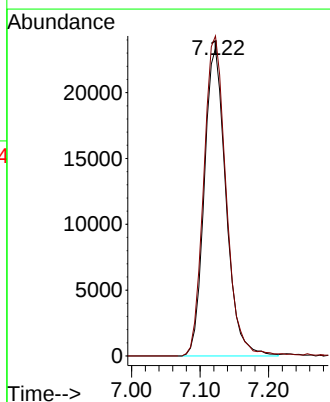
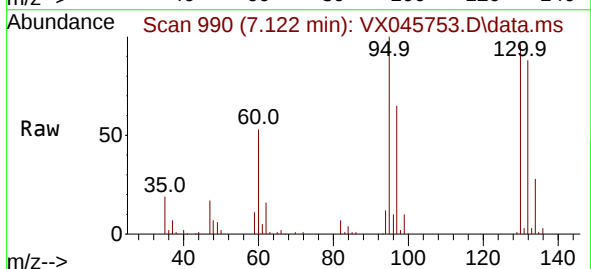
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#44
Trichloroethene
Concen: 48.452 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Tgt Ion:130 Resp: 51614
Ion Ratio Lower Upper
130 100
95 104.0 0.0 202.0





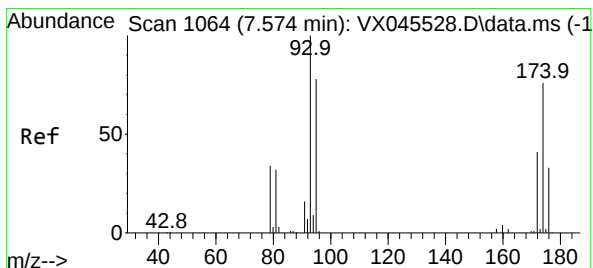
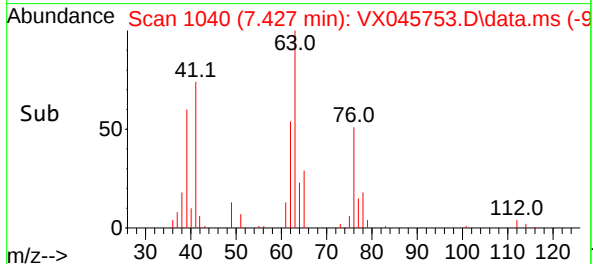
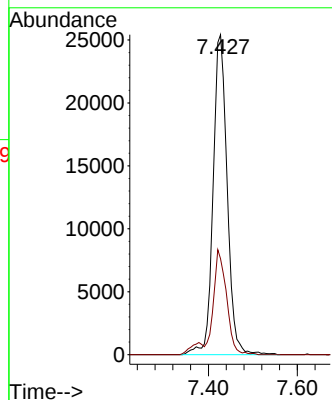
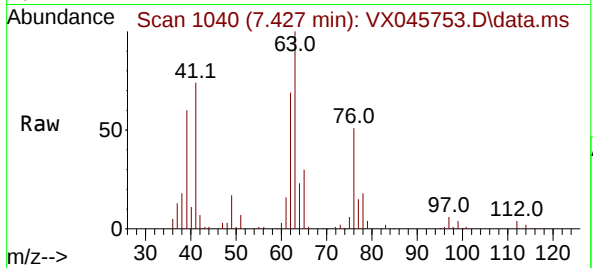
#45
1,2-Dichloropropane
Concen: 49.984 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 5589
Ion Ratio Lower Upper
63 100
65 30.0 25.8 38.6

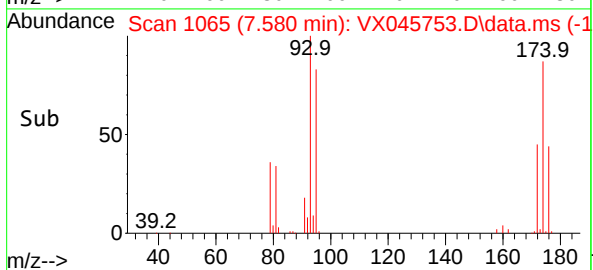
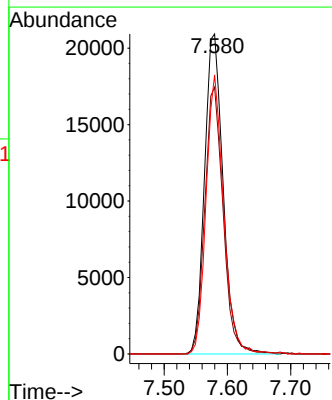
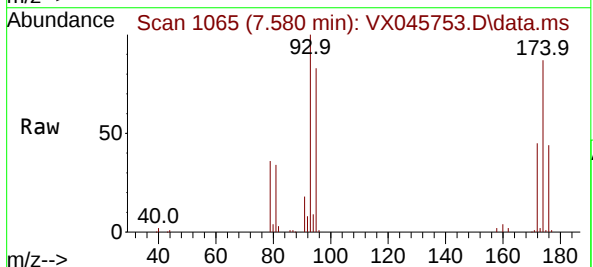
Manual Integrations
APPROVED

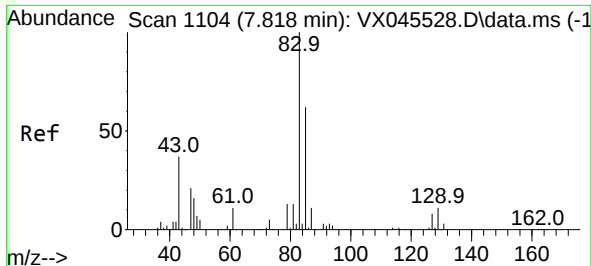
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#46
Dibromomethane
Concen: 49.878 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

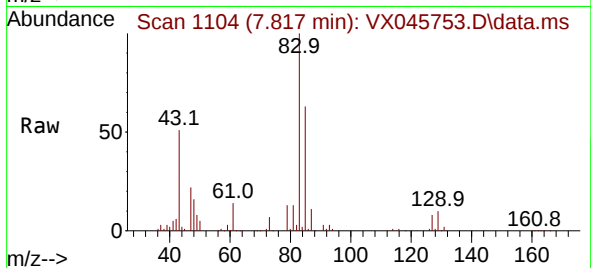
Tgt Ion: 93 Resp: 42816
Ion Ratio Lower Upper
93 100
95 82.3 64.8 97.2
174 82.6 65.4 98.0





#47
Bromodichloromethane
Concen: 50.556 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

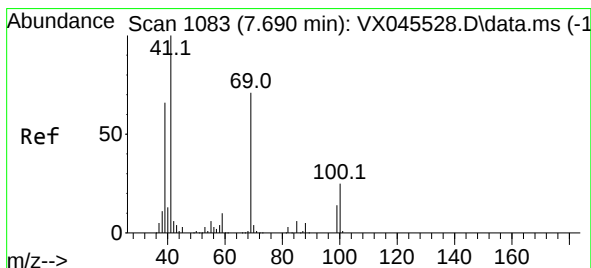
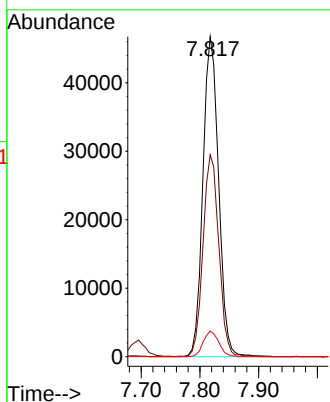
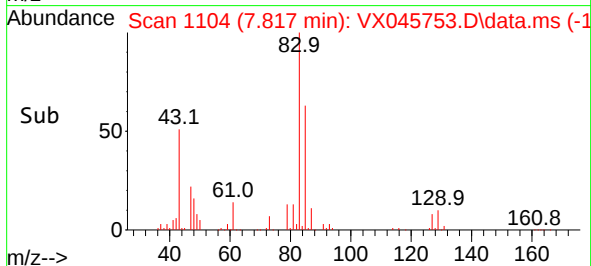
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 86669
Ion Ratio Lower Upper
83 100
85 63.1 49.7 74.5
127 8.1 6.1 9.1

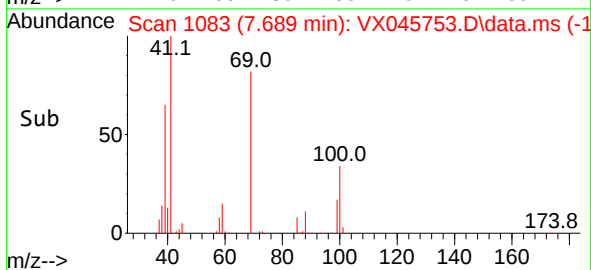
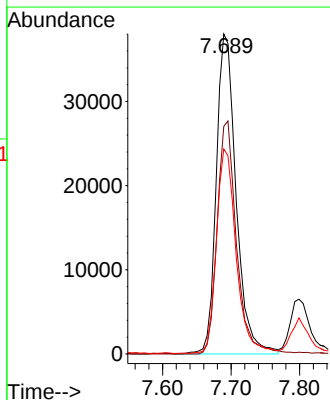
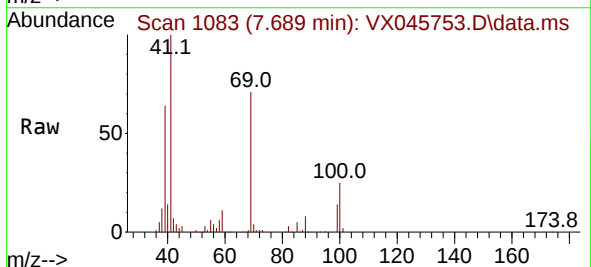
Manual Integrations
APPROVED

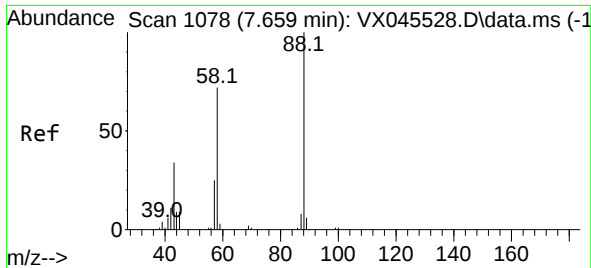
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#48
Methyl methacrylate
Concen: 52.724 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Tgt Ion: 41 Resp: 76302
Ion Ratio Lower Upper
41 100
69 70.7 58.2 87.2
39 63.9 53.6 80.4





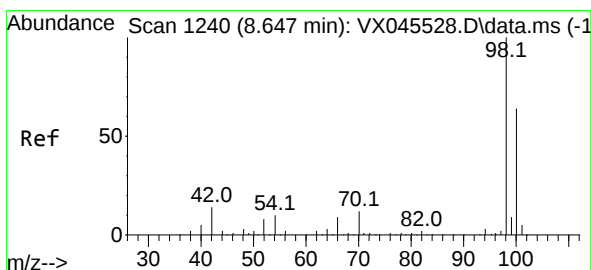
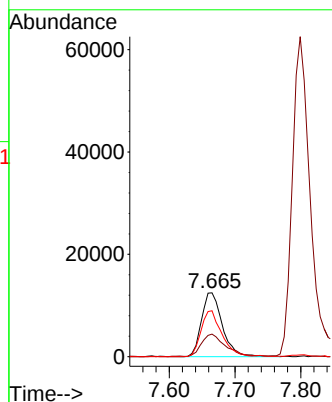
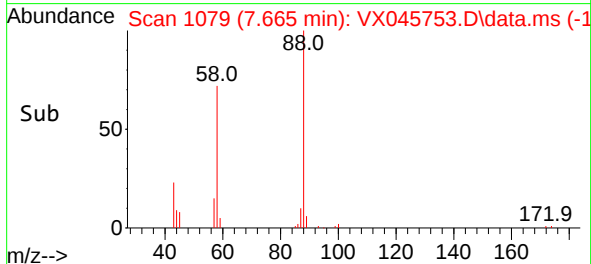
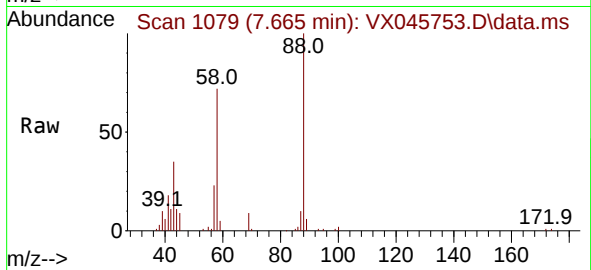
#49
1,4-Dioxane
Concen: 1045.779 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 2738
Ion Ratio Lower Upper
88 100
43 40.0 32.2 48.4
58 71.4 58.6 88.0

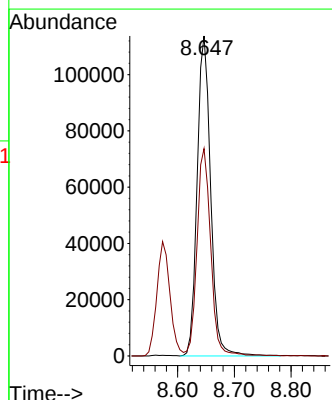
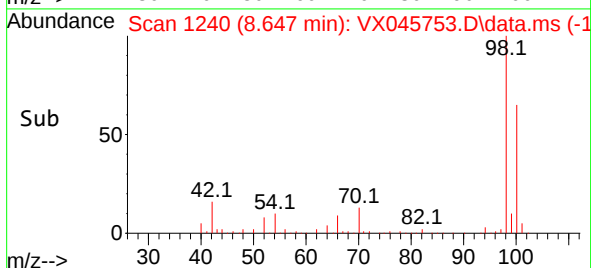
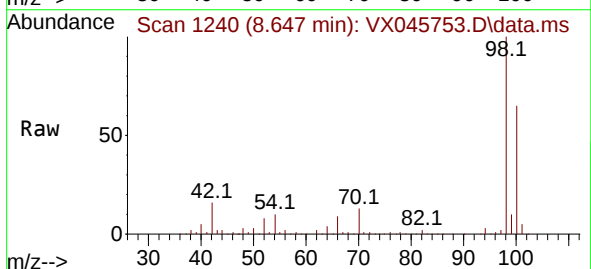
Manual Integrations
APPROVED

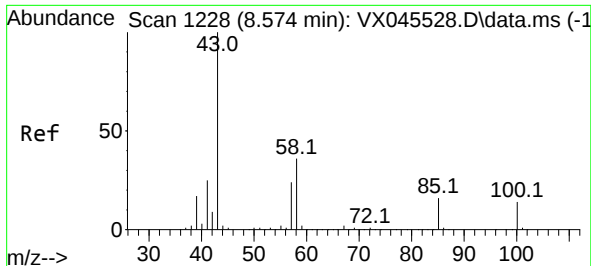
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#50
Toluene-d8
Concen: 49.606 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

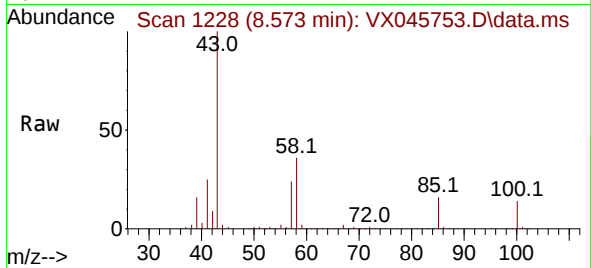
Tgt Ion: 98 Resp: 188183
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4





#51
4-Methyl-2-Pentanone
Concen: 261.644 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

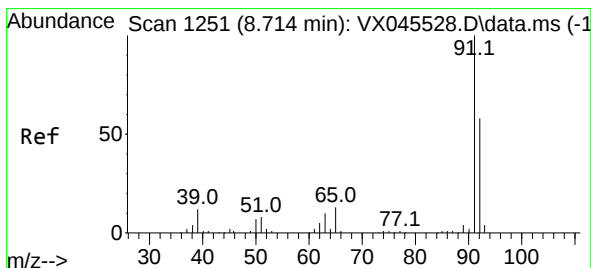
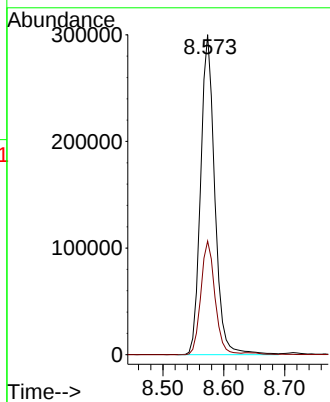
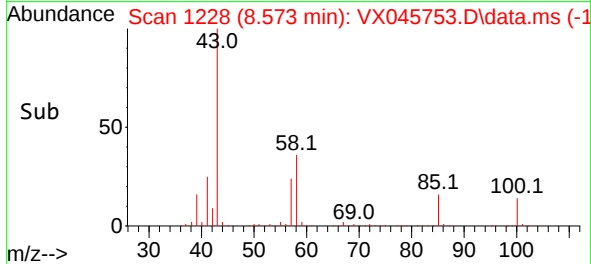
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 48615
Ion Ratio Lower Upper
43 100
58 35.3 28.5 42.7

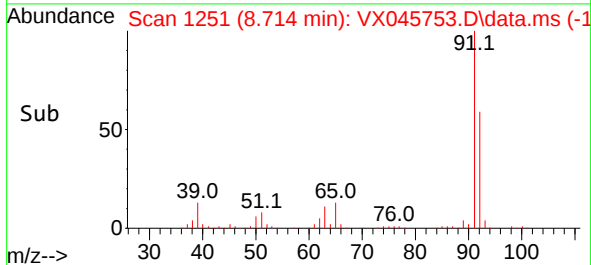
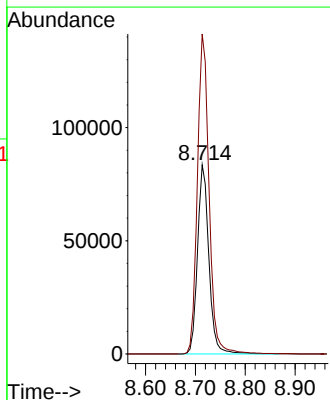
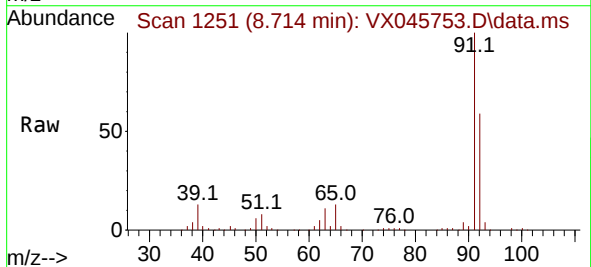
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#52
Toluene
Concen: 48.785 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Tgt Ion: 92 Resp: 132303
Ion Ratio Lower Upper
92 100
91 173.5 138.7 208.1





#53
t-1,3-Dichloropropene
Concen: 44.751 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Instrument :

MSVOA_X

ClientSampleId :

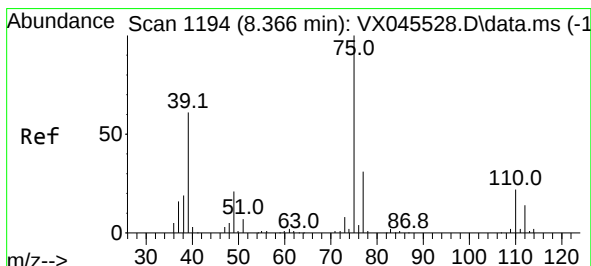
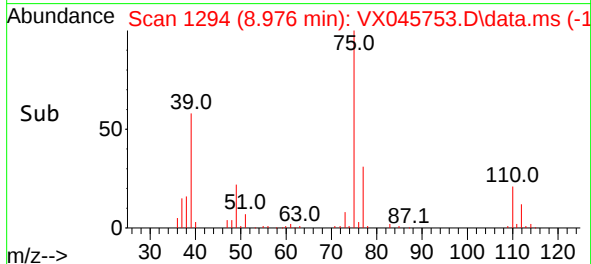
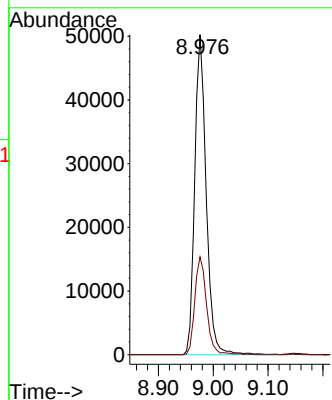
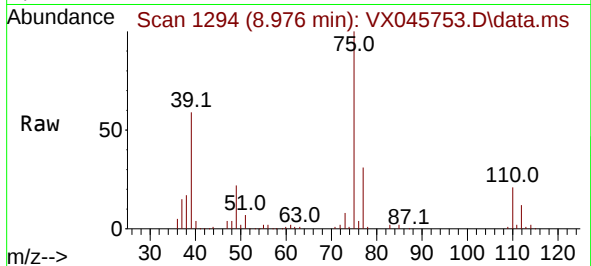
VSTDCCC050EC

Tgt Ion: 75 Resp: 73359
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0

Manual Integrations

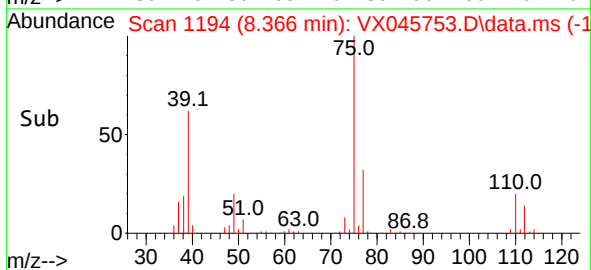
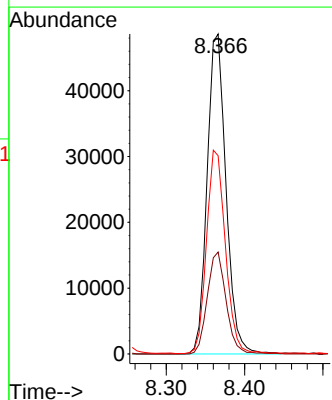
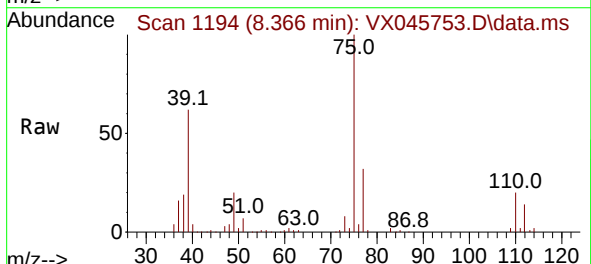
APPROVED

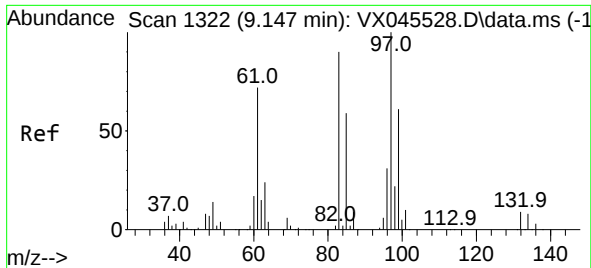
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#54
cis-1,3-Dichloropropene
Concen: 50.435 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

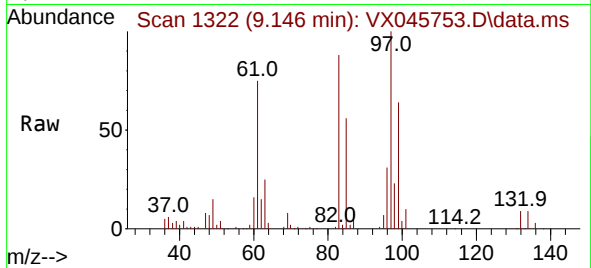
Tgt Ion: 75 Resp: 81250
Ion Ratio Lower Upper
75 100
77 31.9 24.6 36.8
39 61.8 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 50.713 ug/l
RT: 9.146 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

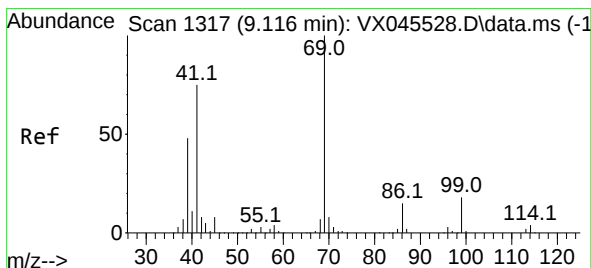
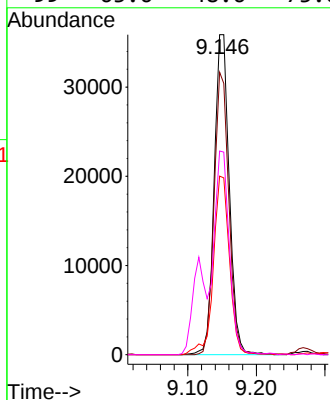
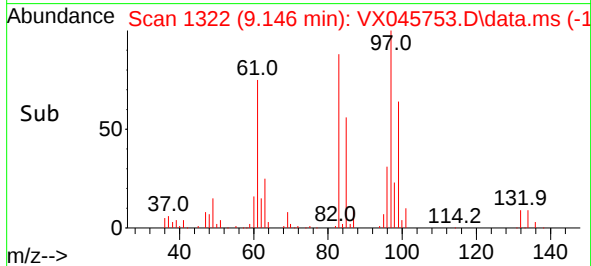
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



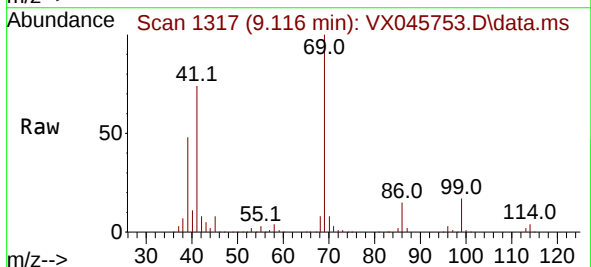
Tgt Ion: 97 Resp: 54804
Ion Ratio Lower Upper
97 100
83 88.2 71.8 107.8
85 55.8 47.0 70.6
99 63.6 48.6 73.0

Manual Integrations
APPROVED

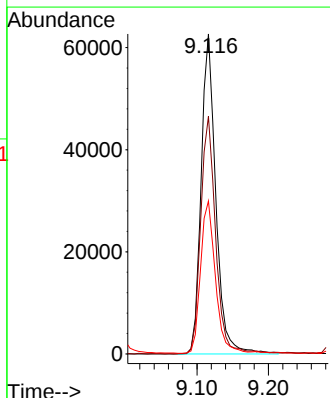
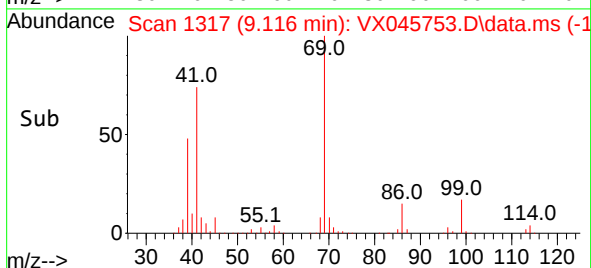
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

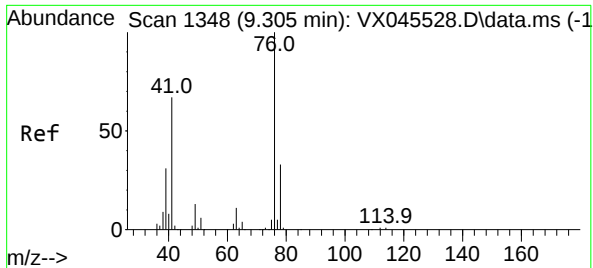


#56
Ethyl methacrylate
Concen: 53.387 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42



Tgt Ion: 69 Resp: 89288
Ion Ratio Lower Upper
69 100
41 76.8 61.3 91.9
39 48.6 40.2 60.2





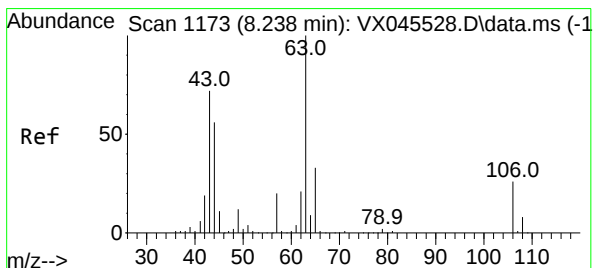
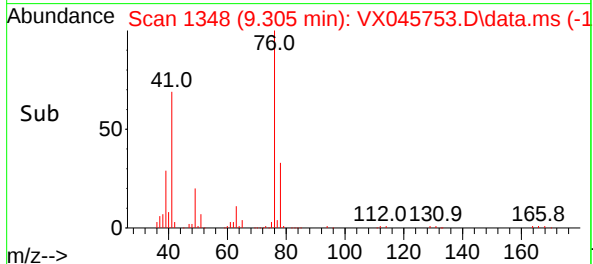
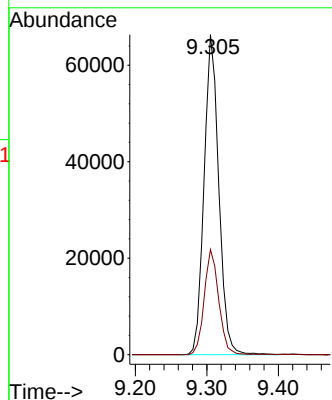
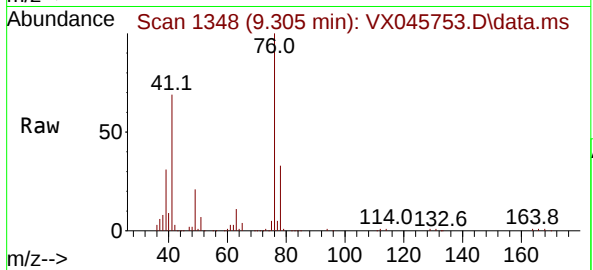
#57
1,3-Dichloropropane
Concen: 50.395 ug/l
RT: 9.305 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 94830
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0

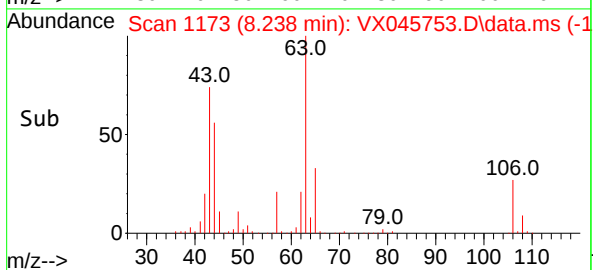
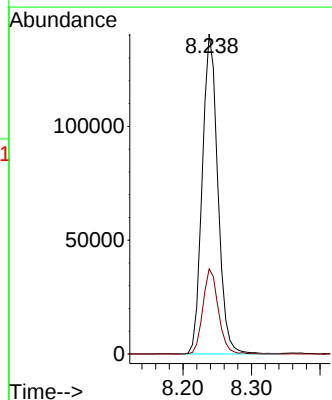
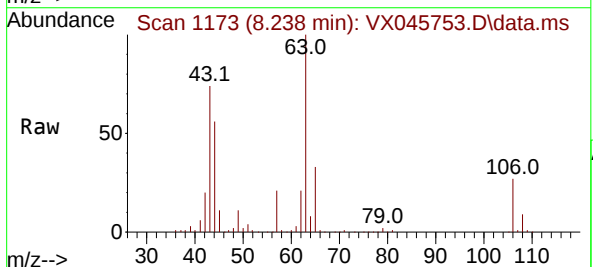
Manual Integrations
APPROVED

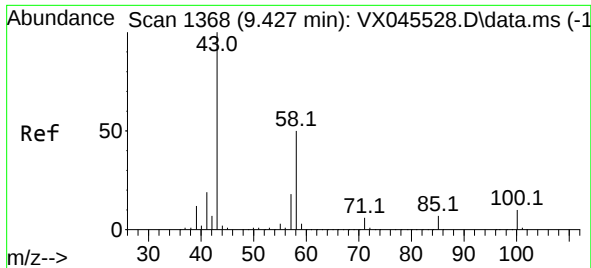
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 263.298 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

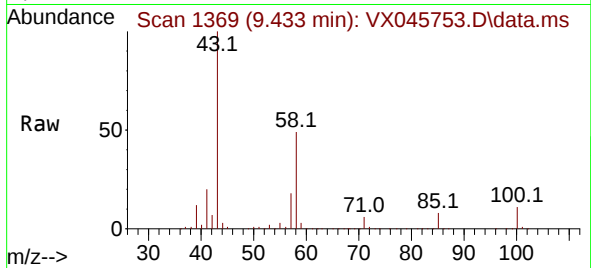
Tgt Ion: 63 Resp: 222765
Ion Ratio Lower Upper
63 100
106 26.3 21.0 31.6





#59
2-Hexanone
Concen: 259.467 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

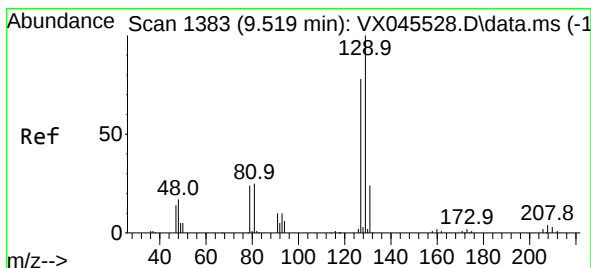
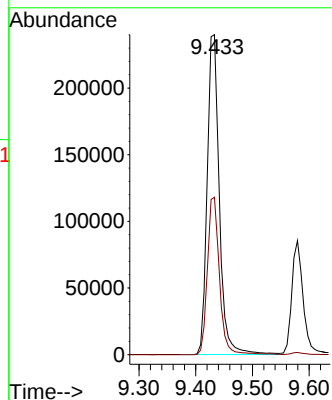
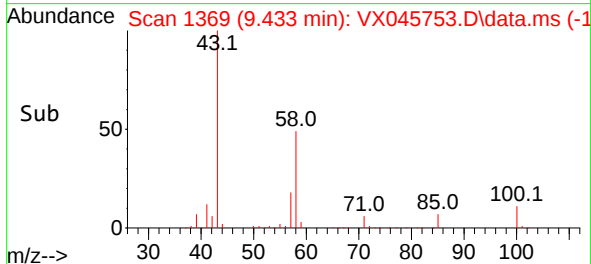
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 357010
Ion Ratio Lower Upper
43 100
58 49.1 24.9 74.6

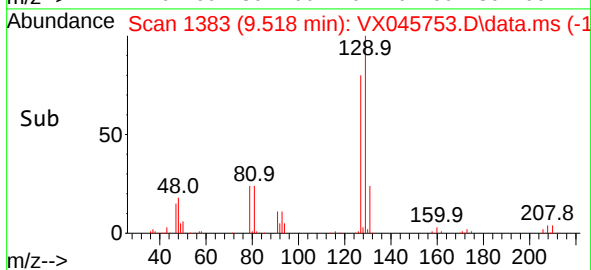
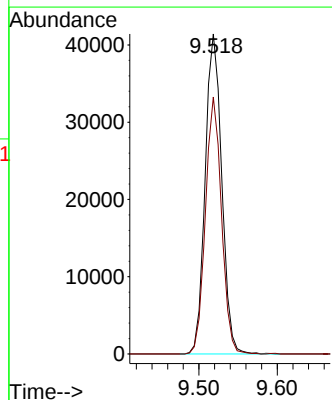
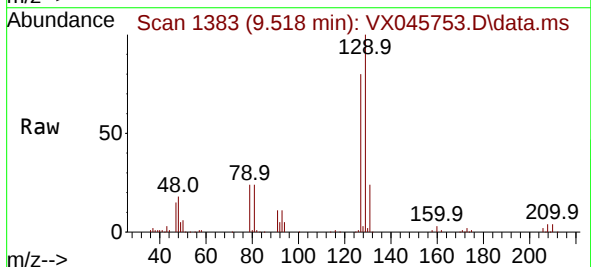
Manual Integrations
APPROVED

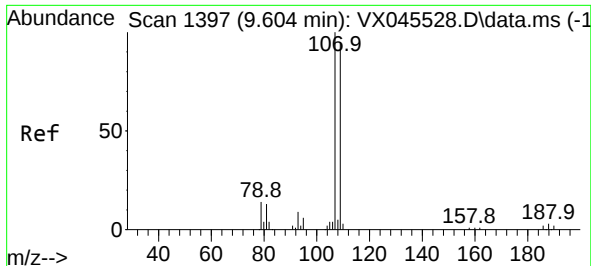
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#60
Dibromochloromethane
Concen: 51.502 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

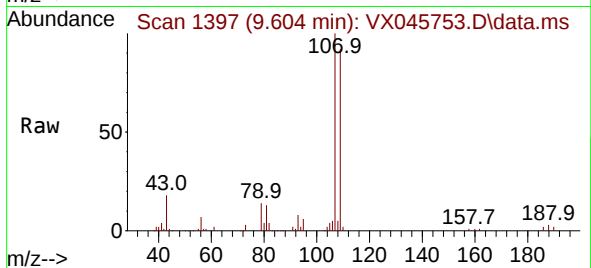
Tgt Ion:129 Resp: 60677
Ion Ratio Lower Upper
129 100
127 77.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 50.426 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

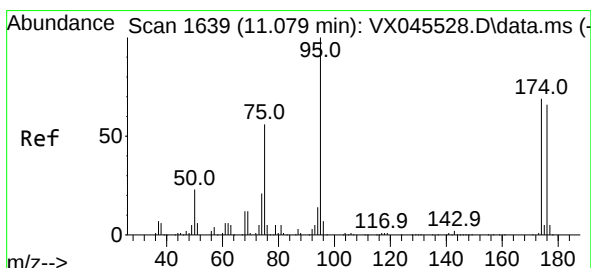
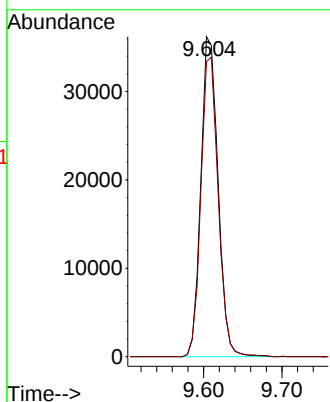
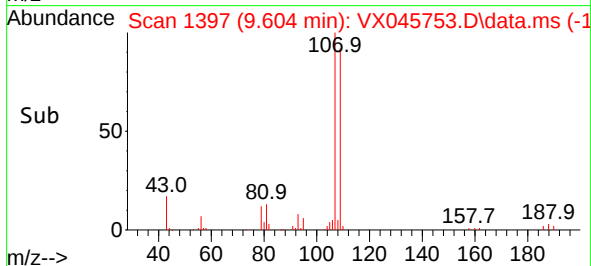
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 5516
Ion Ratio Lower Upper
107 100
109 94.3 75.7 113.5

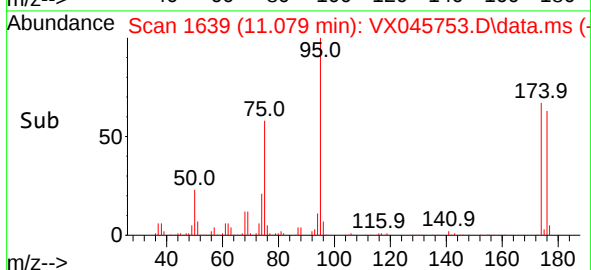
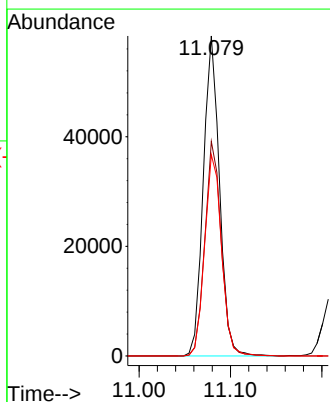
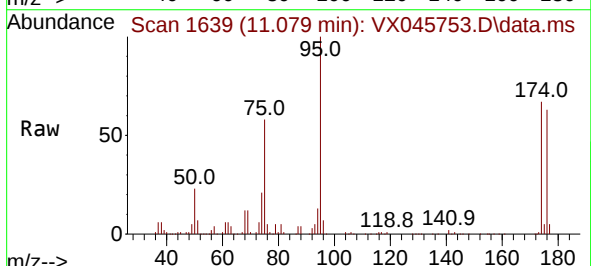
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#62
4-Bromofluorobenzene
Concen: 51.728 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

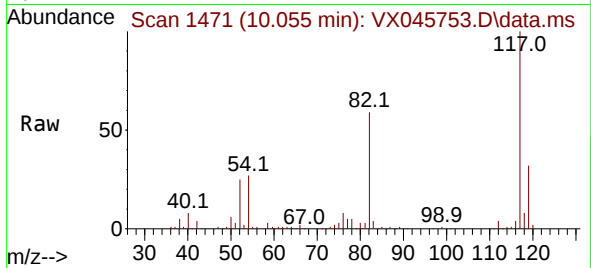
Tgt Ion: 95 Resp: 71478
Ion Ratio Lower Upper
95 100
174 68.1 0.0 135.8
176 65.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

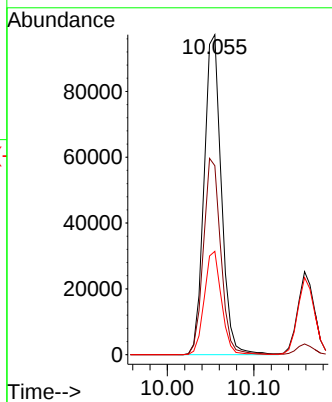
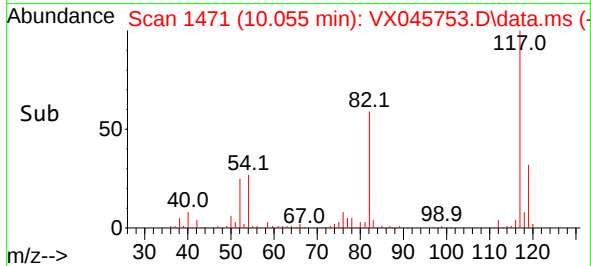
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 134795
Ion Ratio Lower Upper
117 100
82 59.1 49.2 73.8
119 32.3 25.1 37.7

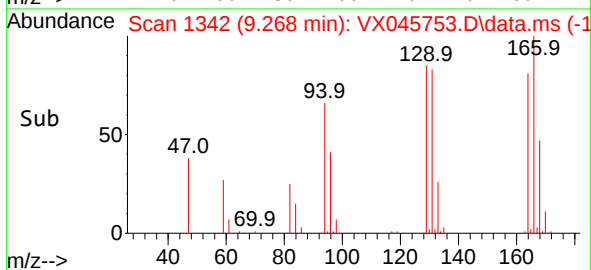
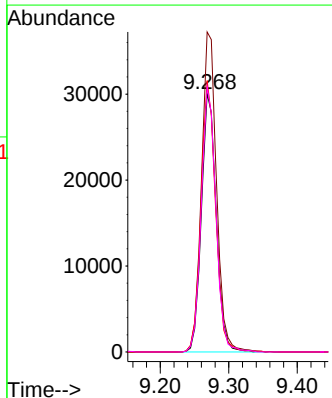
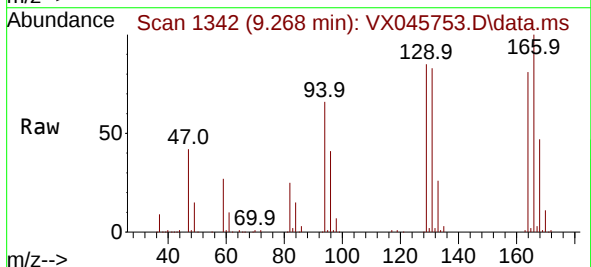
Manual Integrations
APPROVED

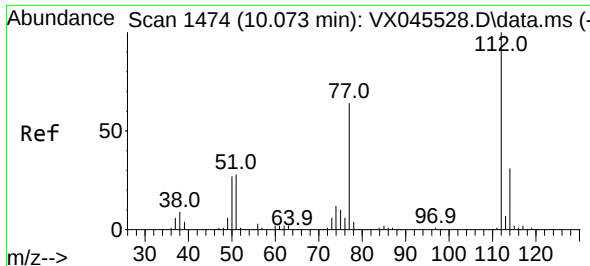
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#64
Tetrachloroethene
Concen: 47.399 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.001 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

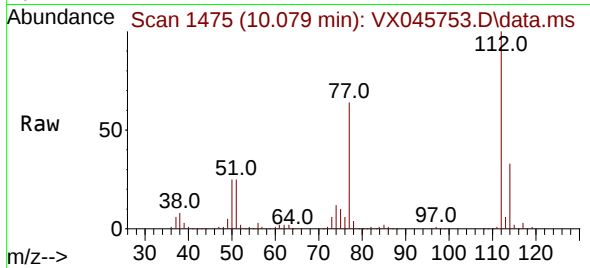
Tgt Ion:164 Resp: 45111
Ion Ratio Lower Upper
164 100
166 123.9 103.8 155.8
129 105.1 84.3 126.5
131 102.7 80.9 121.3





#65
Chlorobenzene
Concen: 49.983 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

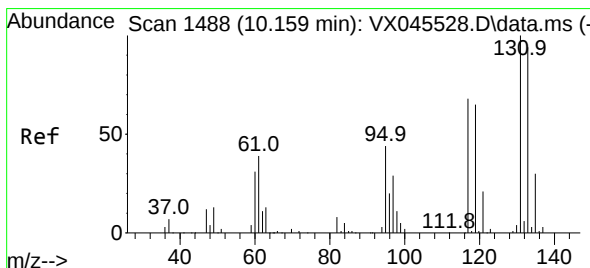
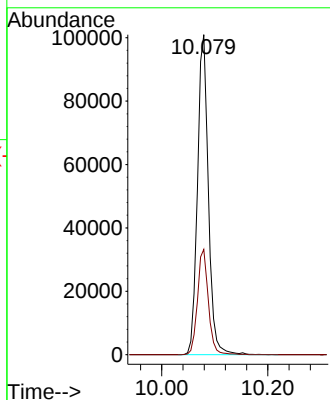
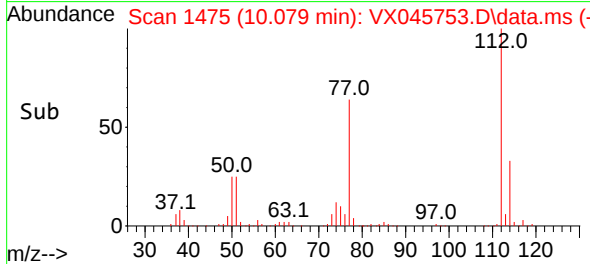
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 143974
Ion Ratio Lower Upper
112 100
114 32.9 24.7 37.1

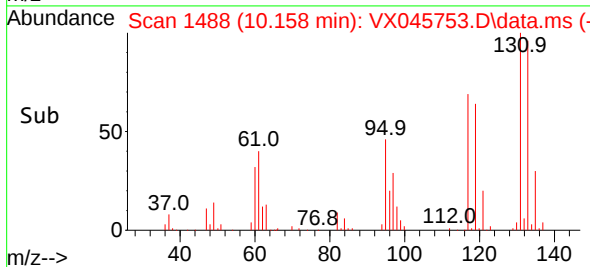
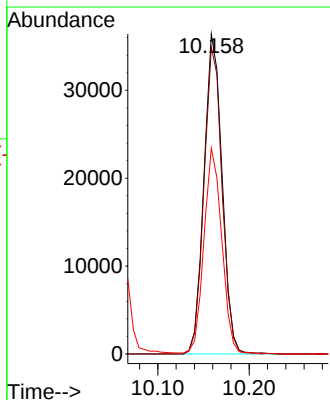
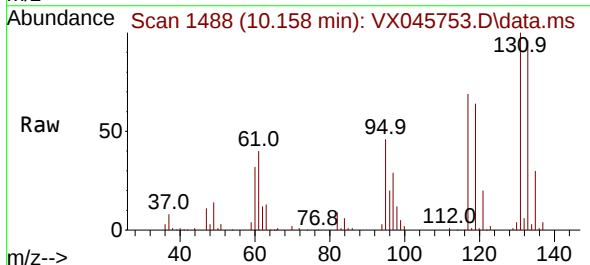
Manual Integrations
APPROVED

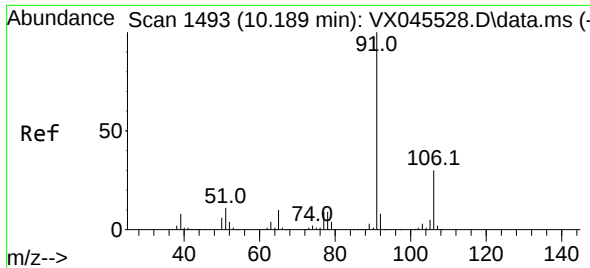
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.902 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

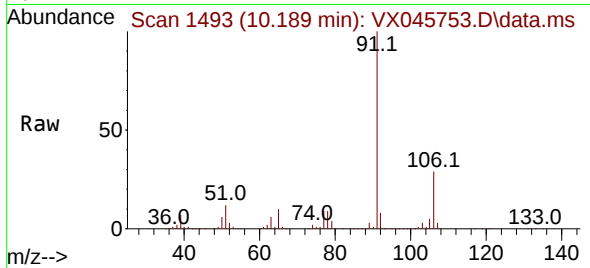
Tgt Ion:131 Resp: 49904
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 63.6 32.9 98.6





#67
Ethyl Benzene
Concen: 50.395 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

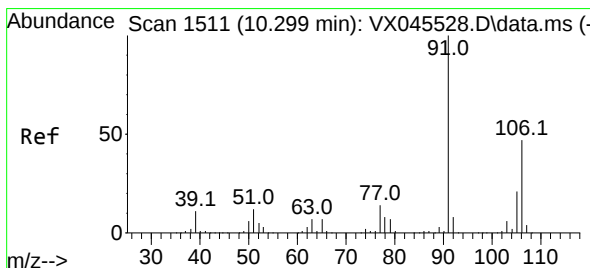
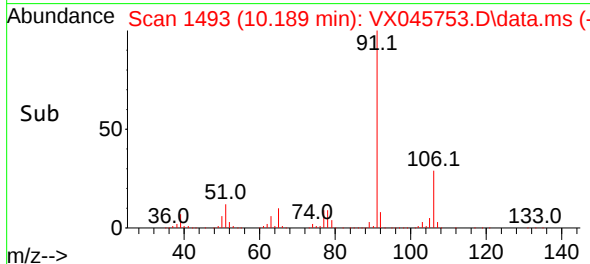
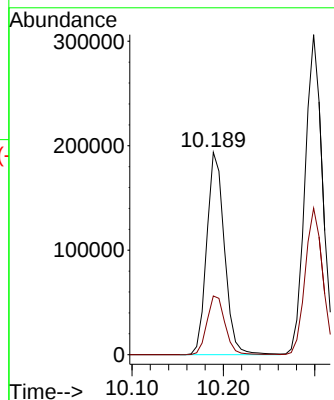
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 259982
Ion Ratio Lower Upper
91 100
106 29.0 23.7 35.5

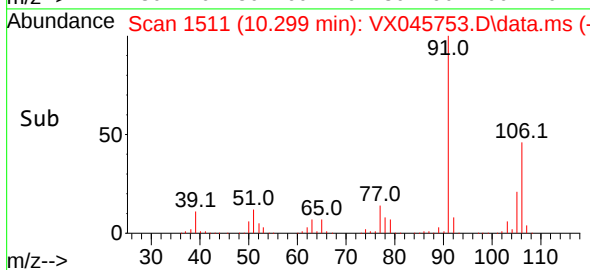
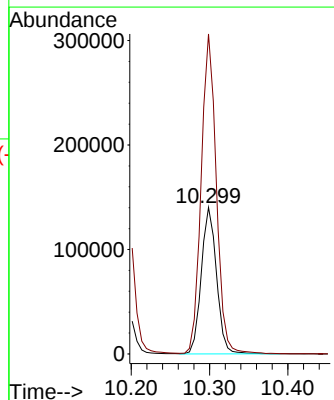
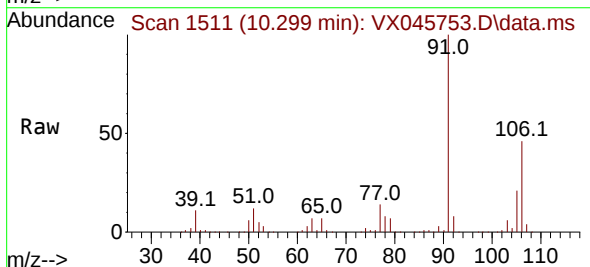
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#68
m/p-Xylenes
Concen: 101.039 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Tgt Ion:106 Resp: 189582
Ion Ratio Lower Upper
106 100
91 217.4 172.6 258.8





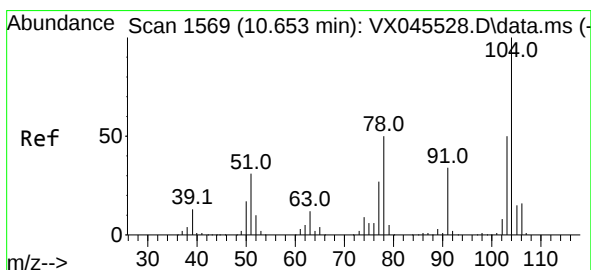
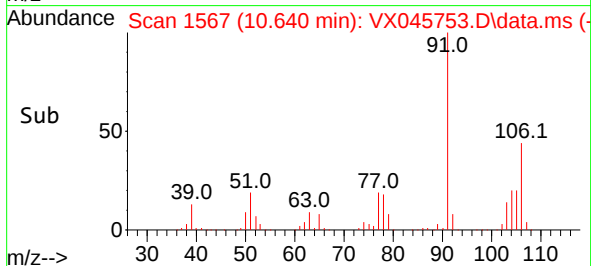
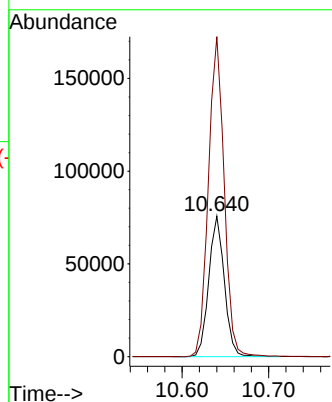
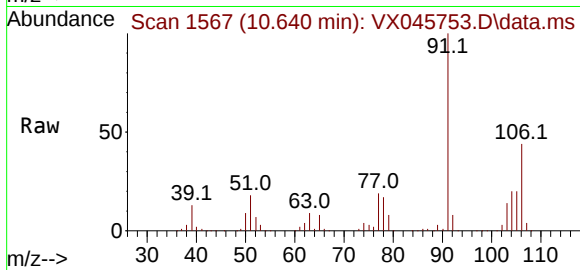
#69
o-Xylene
Concen: 51.294 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 94810
Ion Ratio Lower Upper
106 100
91 230.2 113.6 340.6

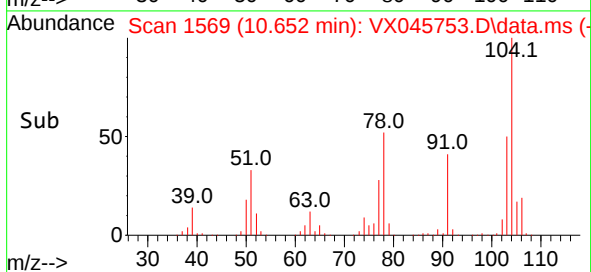
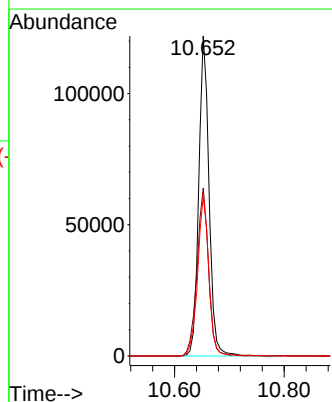
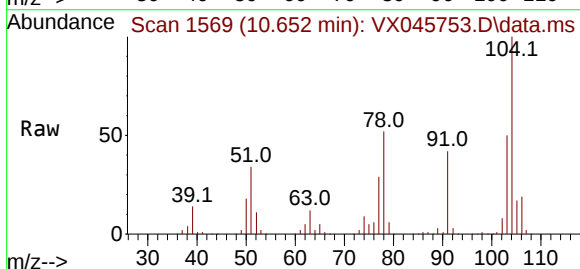
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#70
Styrene
Concen: 52.385 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

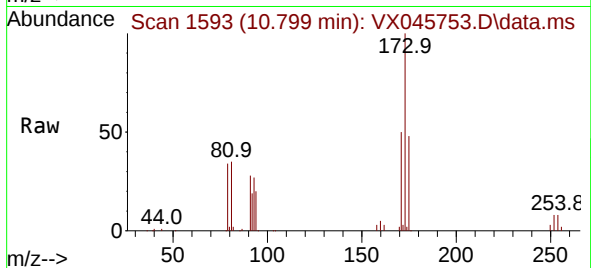
Tgt Ion:104 Resp: 159810
Ion Ratio Lower Upper
104 100
78 58.6 45.4 68.2
103 54.6 43.8 65.8





#71
Bromoform
Concen: 50.132 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

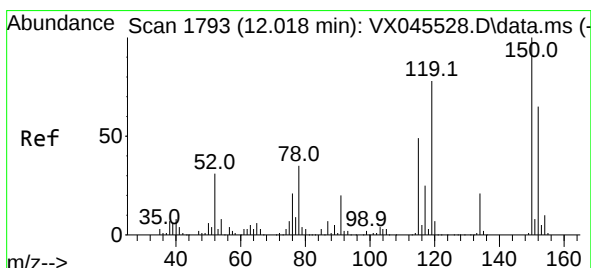
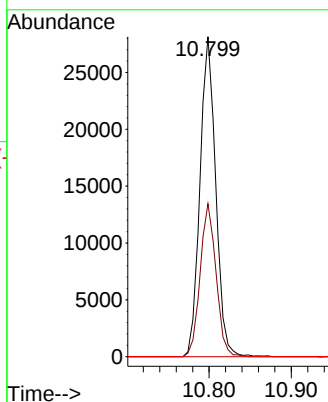
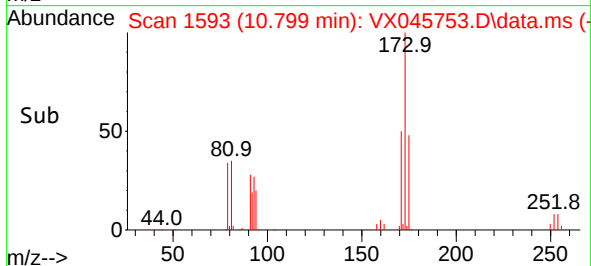
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 3743
Ion Ratio Lower Upper
173 100
175 48.2 23.4 70.2
254 0.0 0.0 0.0

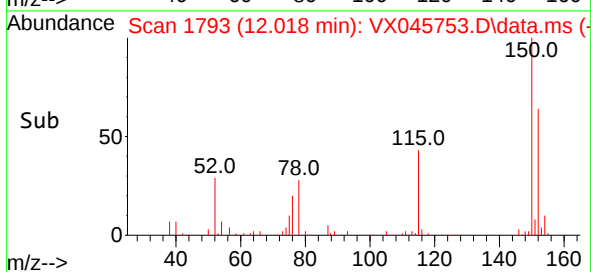
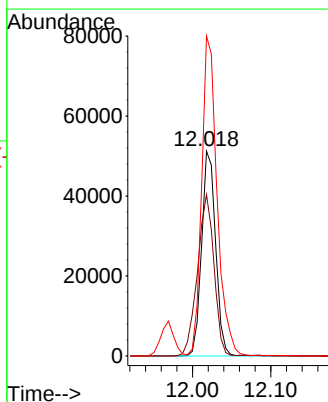
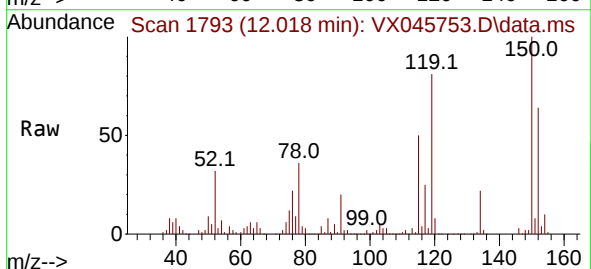
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Tgt Ion:152 Resp: 63454
Ion Ratio Lower Upper
152 100
115 93.4 46.9 140.7
150 172.6 0.0 349.4





#73
Isopropylbenzene
Concen: 49.753 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Instrument :

MSVOA_X

ClientSampleId :

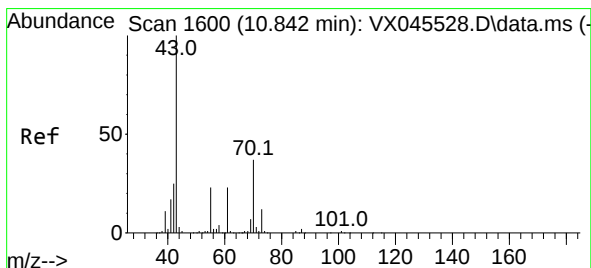
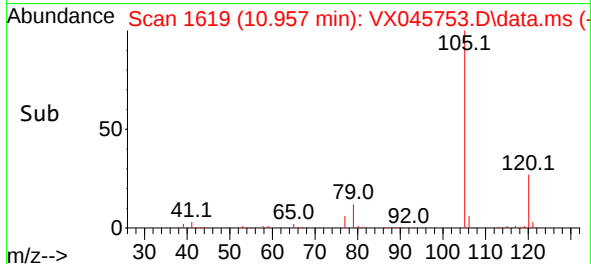
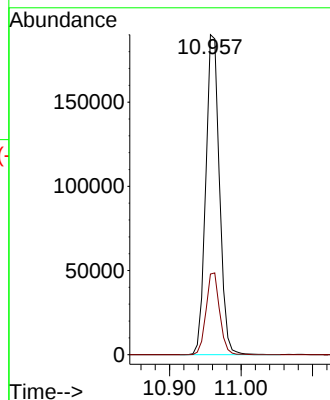
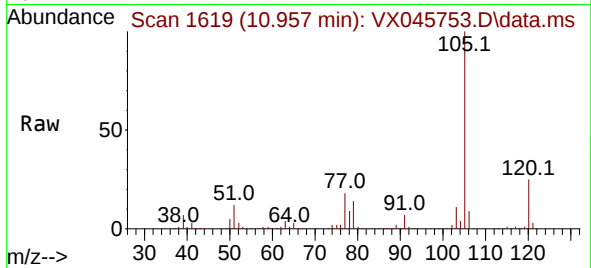
VSTDCCC050EC

Tgt Ion:105 Resp: 25288
Ion Ratio Lower Upper
105 100
120 25.4 12.7 38.0

Manual Integrations

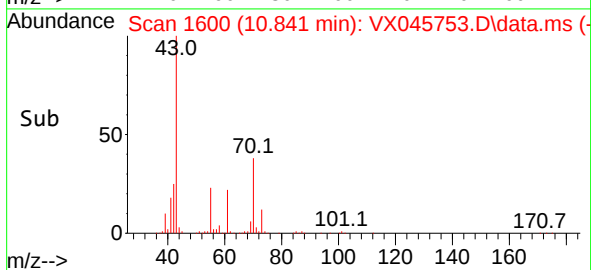
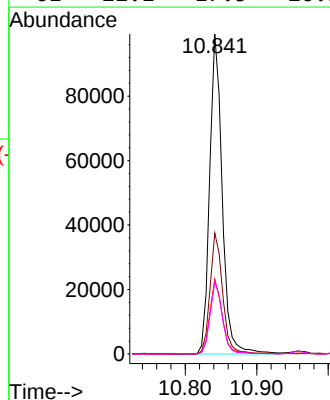
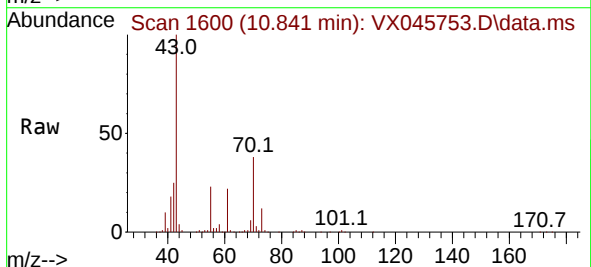
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#74
N-ethyl acetate
Concen: 49.926 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

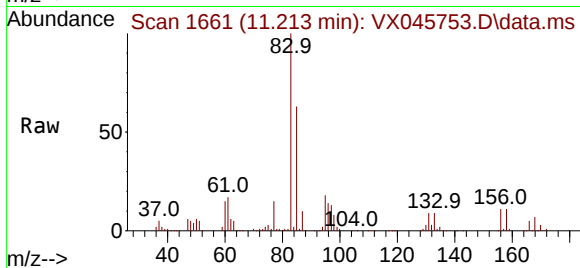
Tgt Ion: 43 Resp: 121387
Ion Ratio Lower Upper
43 100
70 38.2 30.1 45.1
55 23.5 18.3 27.5
61 22.1 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 47.176 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

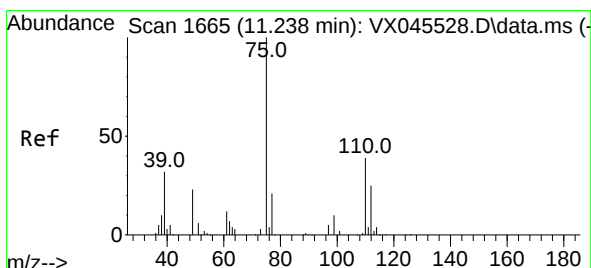
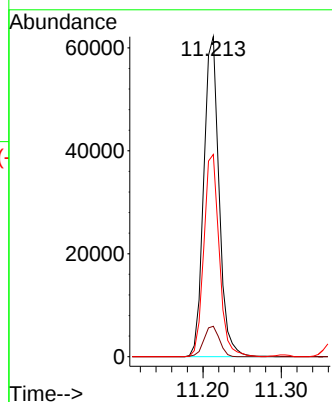
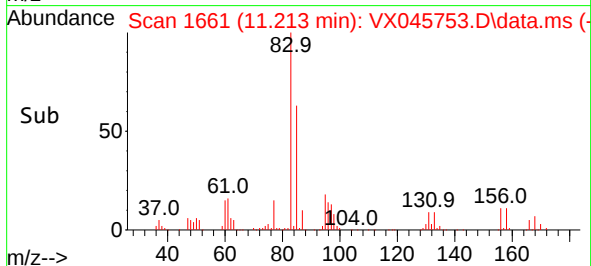
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 8423
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.1
85 63.6 32.4 97.2

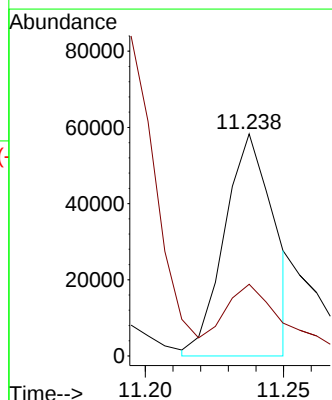
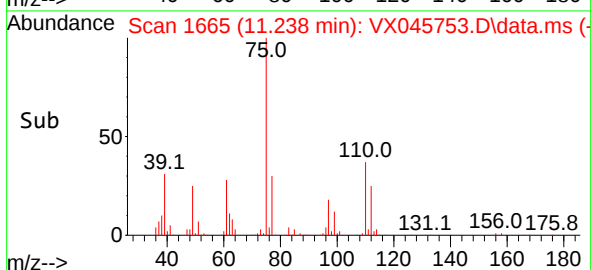
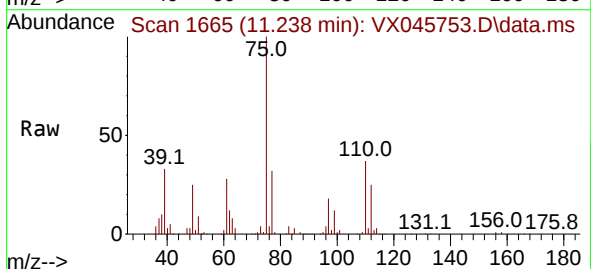
Manual Integrations
APPROVED

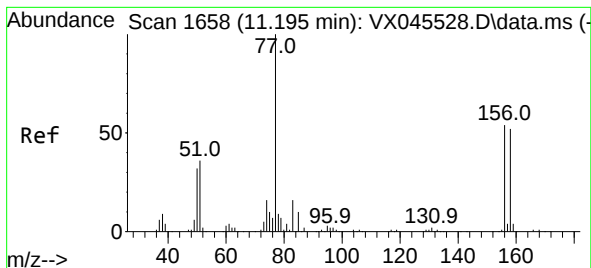
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#76
1,2,3-Trichloropropane
Concen: 46.836 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

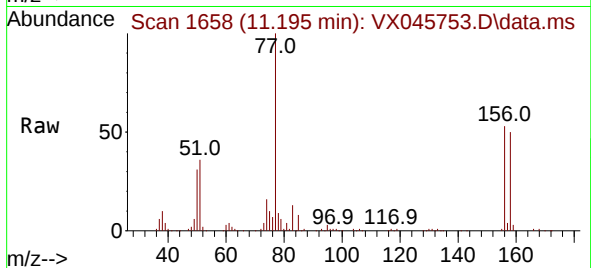
Tgt Ion: 75 Resp: 72492
Ion Ratio Lower Upper
75 100
77 40.3 20.0 59.9





#77
Bromobenzene
Concen: 48.436 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

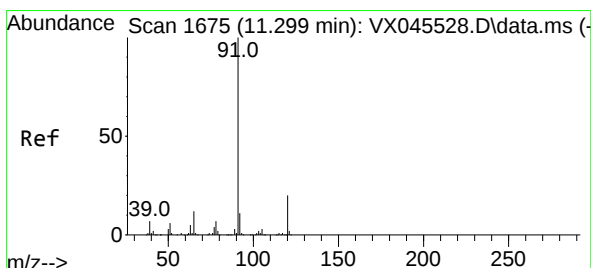
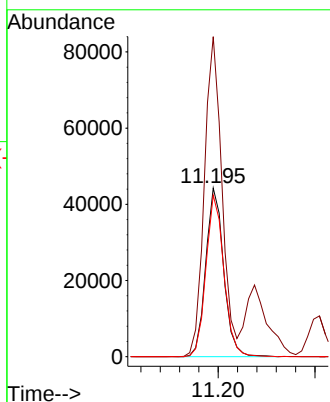
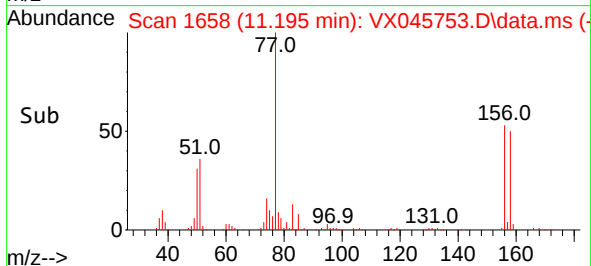
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



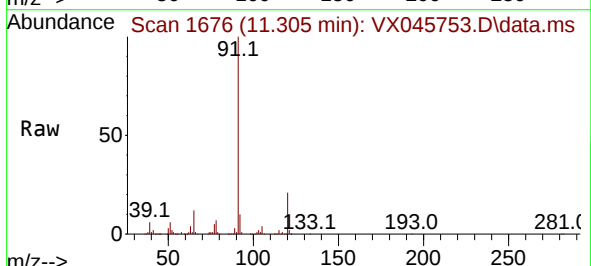
Tgt Ion:156 Resp: 5688
Ion Ratio Lower Upper
156 100
77 186.8 92.6 277.8
158 96.2 48.1 144.4

Manual Integrations
APPROVED

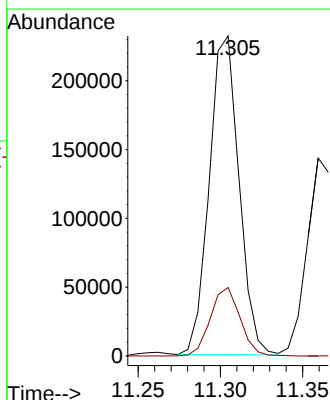
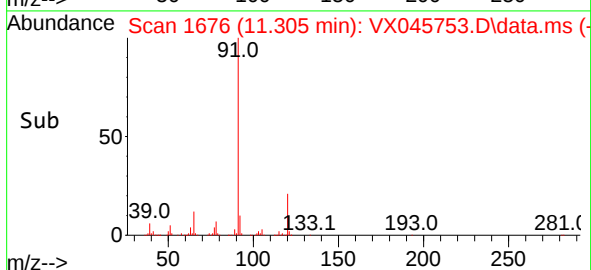
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

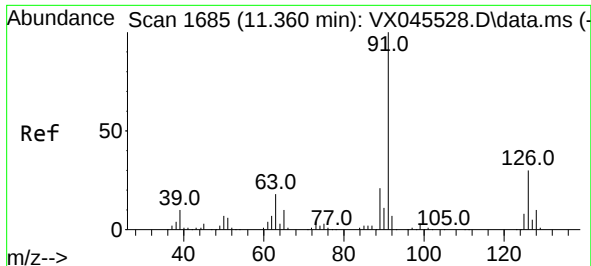


#78
n-propylbenzene
Concen: 49.741 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42



Tgt Ion: 91 Resp: 291204
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.3





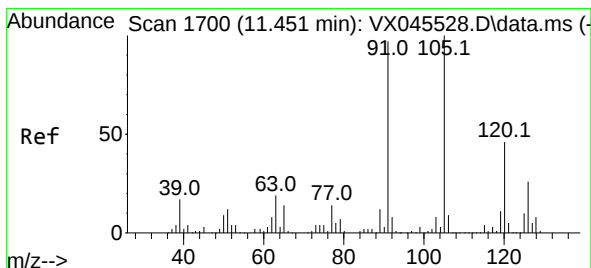
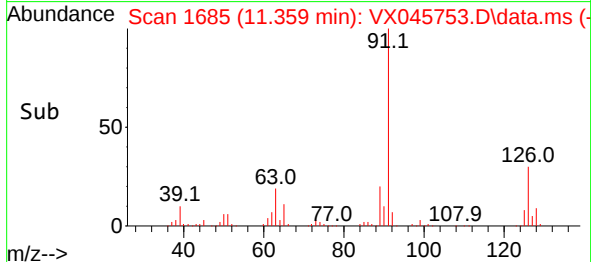
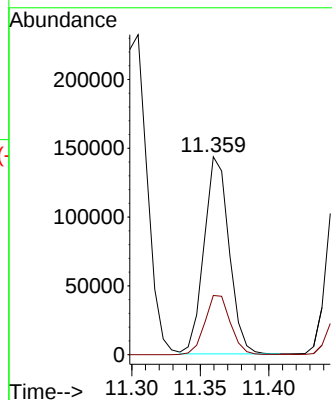
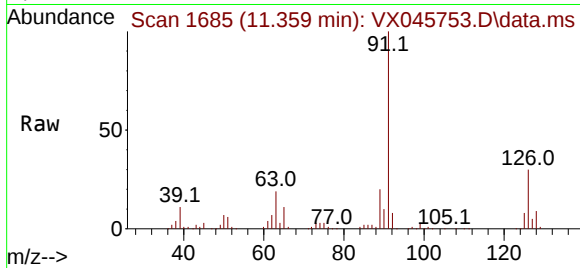
#79
2-Chlorotoluene
Concen: 48.671 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 18216
Ion Ratio Lower Upper
91 100
126 30.8 15.8 47.4

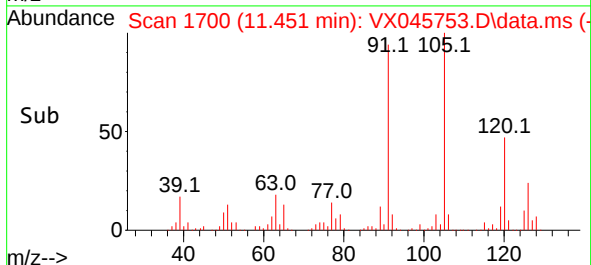
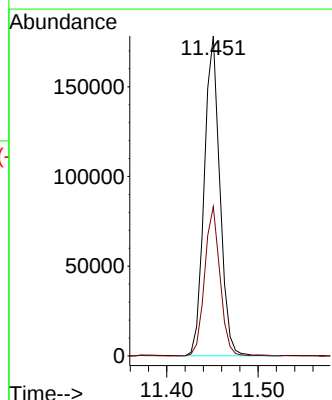
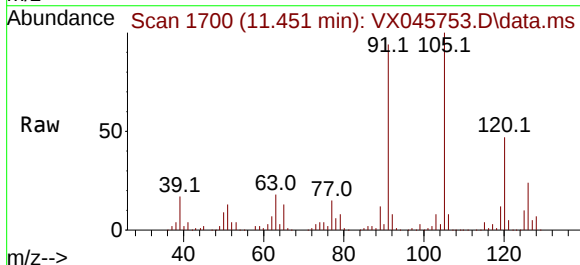
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.140 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

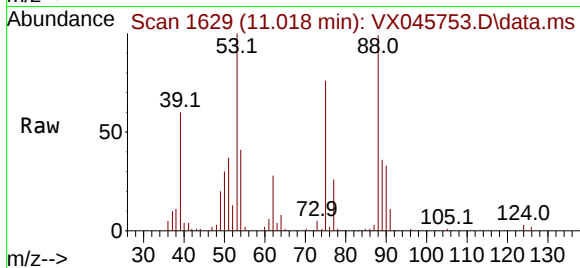
Tgt Ion:105 Resp: 210739
Ion Ratio Lower Upper
105 100
120 46.1 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 44.589 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

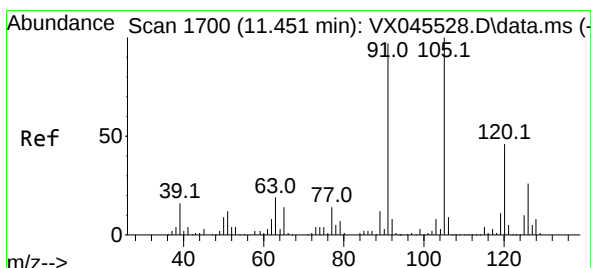
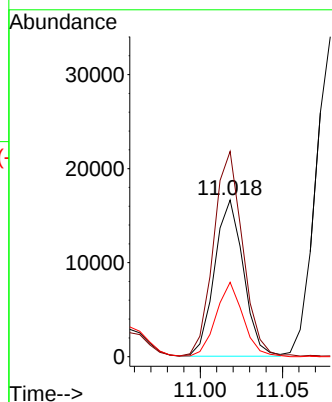
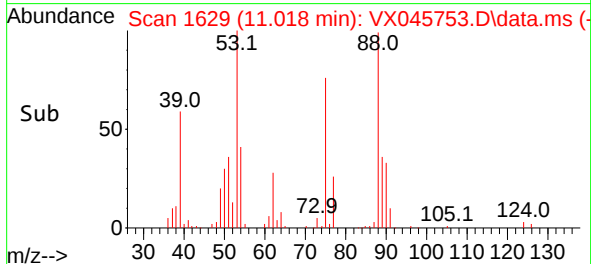
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 20335
Ion Ratio Lower Upper
75 100
53 134.1 101.8 152.6
89 44.8 37.2 55.8

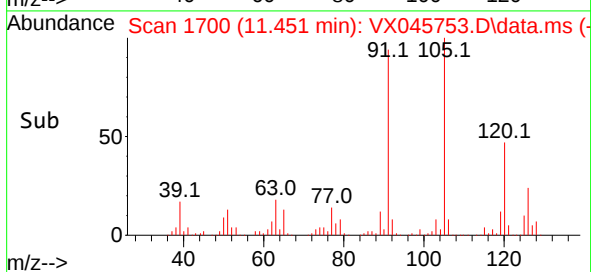
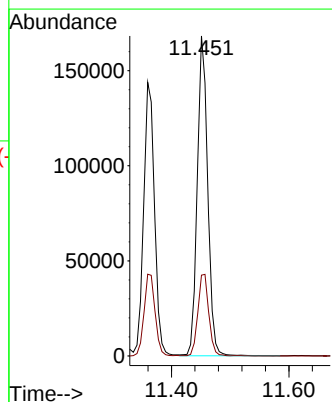
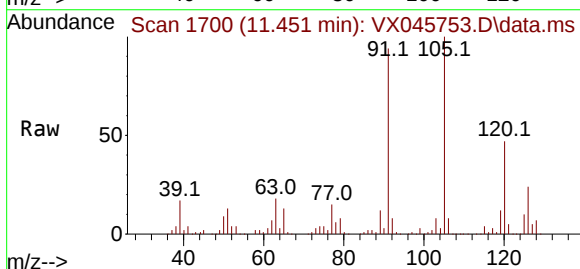
Manual Integrations
APPROVED

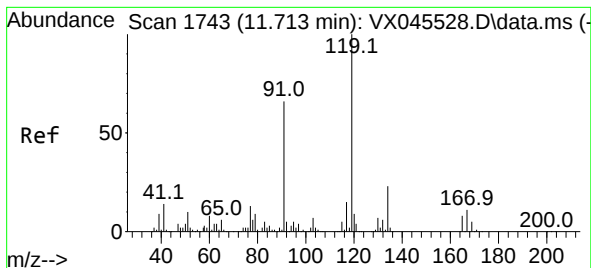
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#82
4-Chlorotoluene
Concen: 49.632 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

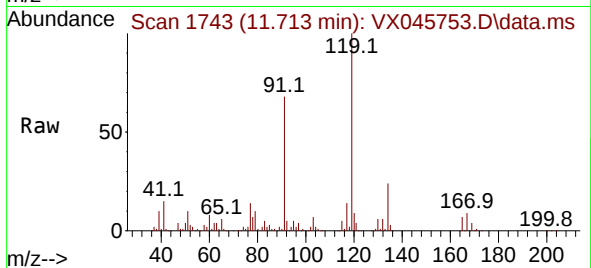
Tgt Ion: 91 Resp: 207110
Ion Ratio Lower Upper
91 100
126 26.5 13.3 39.9





#83
tert-Butylbenzene
Concen: 49.996 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

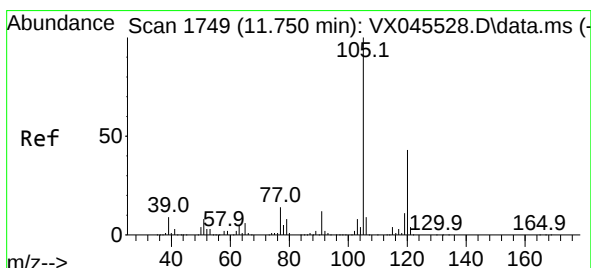
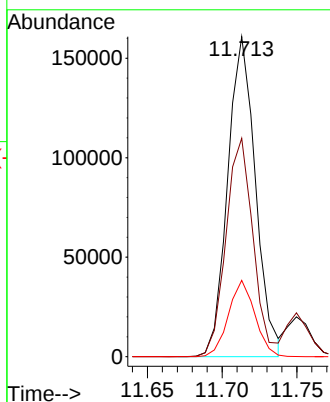
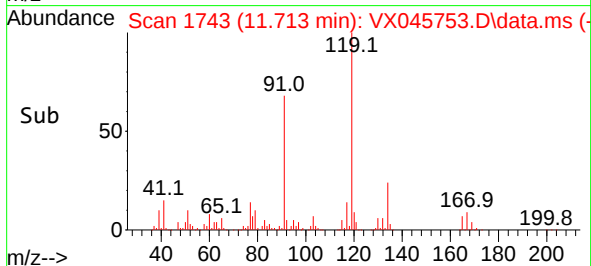
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



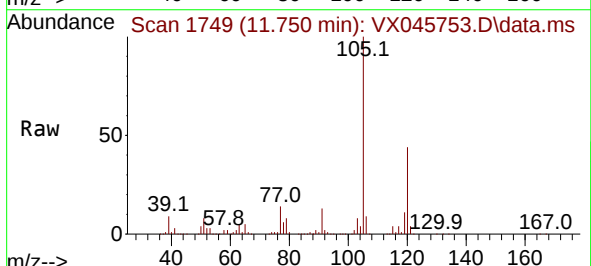
Tgt Ion:119 Resp: 208030
Ion Ratio Lower Upper
119 100
91 67.0 32.4 97.2
134 22.7 11.5 34.5

Manual Integrations
APPROVED

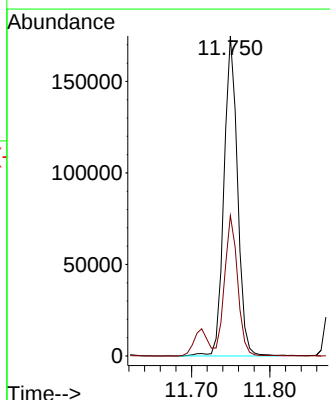
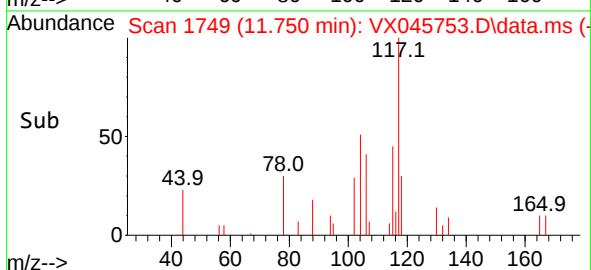
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

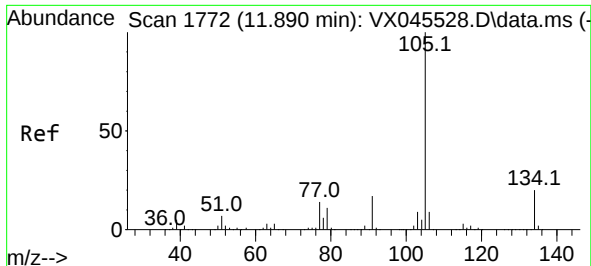


#84
1,2,4-Trimethylbenzene
Concen: 50.044 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42



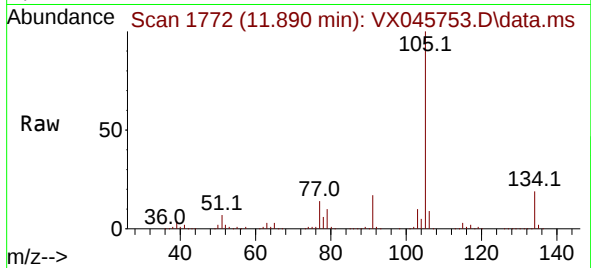
Tgt Ion:105 Resp: 211110
Ion Ratio Lower Upper
105 100
120 42.8 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 50.943 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045753.D
 Acq: 11 Apr 2025 19:42

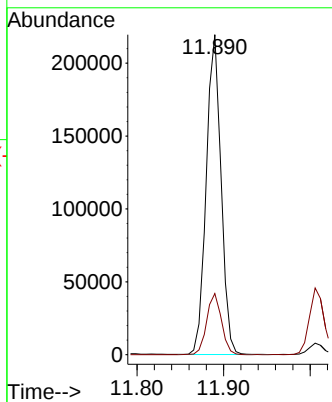
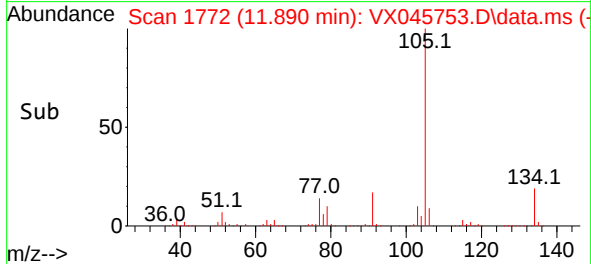
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



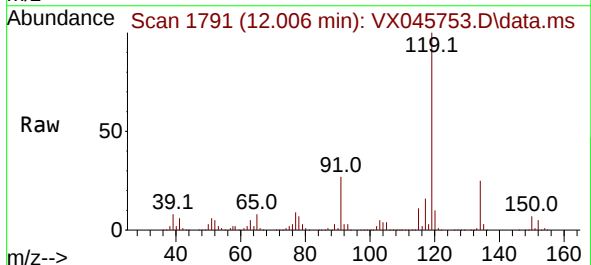
Tgt Ion:105 Resp: 26036
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6

Manual Integrations
 APPROVED

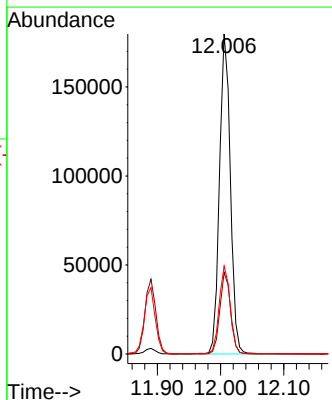
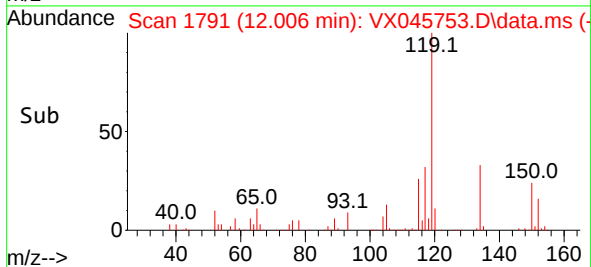
Reviewed By :John Carlone 04/14/2025
 Supervised By :Mahesh Dadoda 04/14/2025

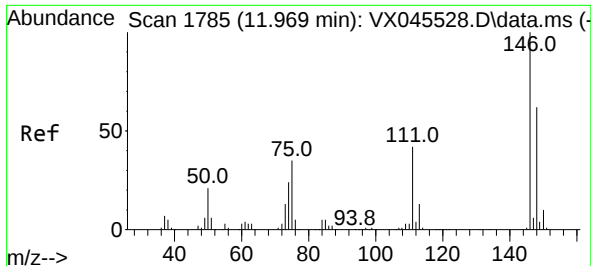


#86
 p-Isopropyltoluene
 Concen: 50.448 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045753.D
 Acq: 11 Apr 2025 19:42



Tgt Ion:119 Resp: 212566
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 27.7 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 47.759 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045753.D

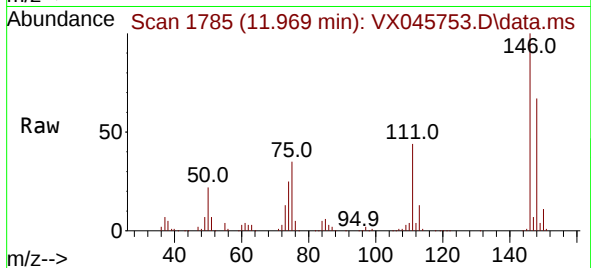
Acq: 11 Apr 2025 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 102095

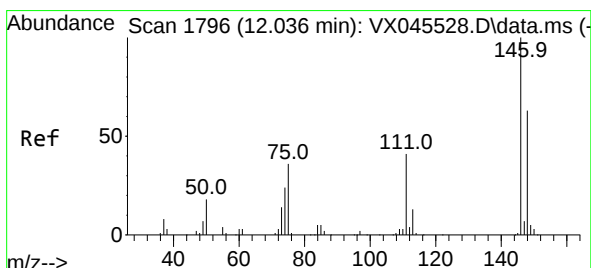
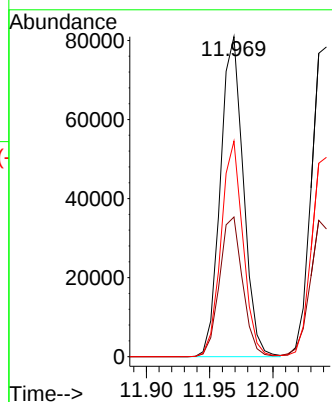
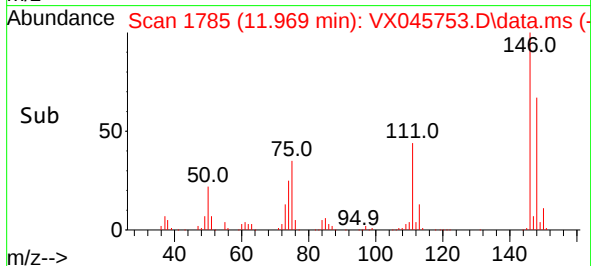
Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.2	66.6
148	64.5	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#88

1,4-Dichlorobenzene

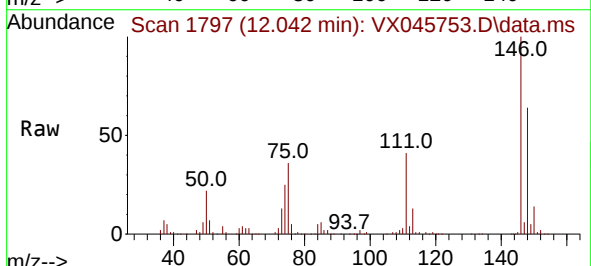
Concen: 47.033 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

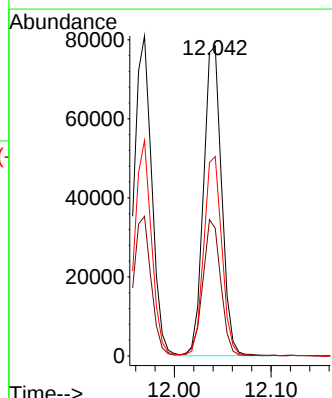
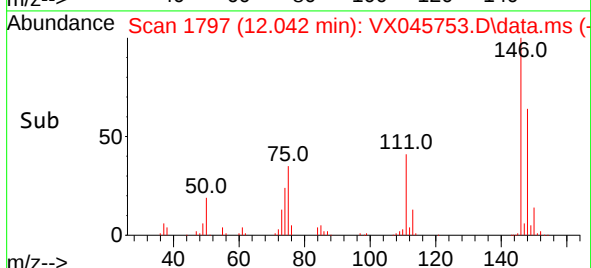
Lab File: VX045753.D

Acq: 11 Apr 2025 19:42



Tgt Ion:146 Resp: 101930

Ion	Ratio	Lower	Upper
146	100		
111	43.9	20.9	62.8
148	64.5	31.5	94.5





#89

n-Butylbenzene

Concen: 50.440 ug/l

RT: 12.329 min Scan# 18429

Delta R.T. -0.000 min

Lab File: VX045753.D

Acq: 11 Apr 2025 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 18429

Ion Ratio Lower Upper

91 100

92 53.6 26.9 80.6

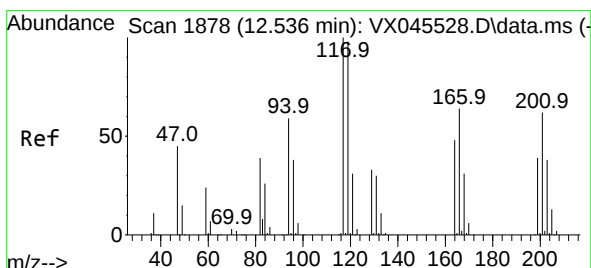
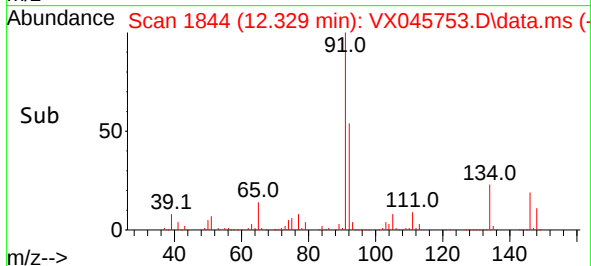
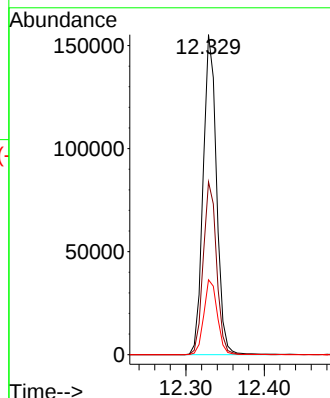
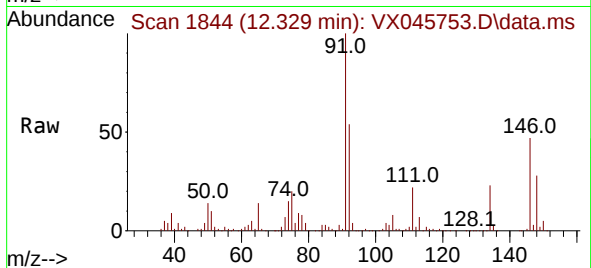
134 23.5 11.9 35.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/14/2025

Supervised By :Mahesh Dadoda 04/14/2025



#90

Hexachloroethane

Concen: 49.357 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX045753.D

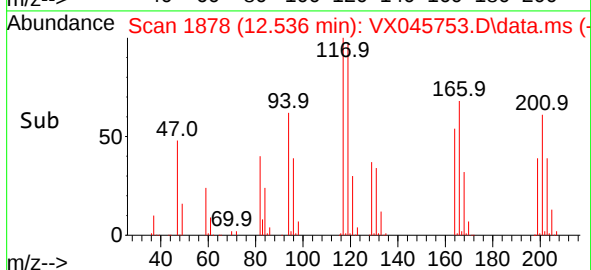
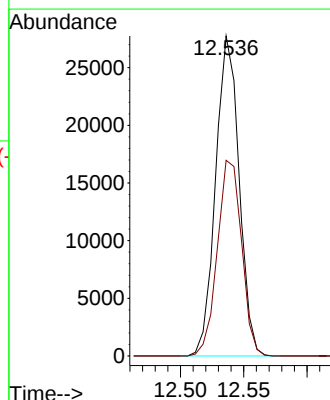
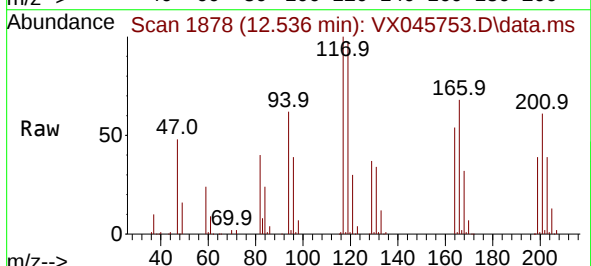
Acq: 11 Apr 2025 19:42

Tgt Ion:117 Resp: 35741

Ion Ratio Lower Upper

117 100

201 63.3 31.2 93.6





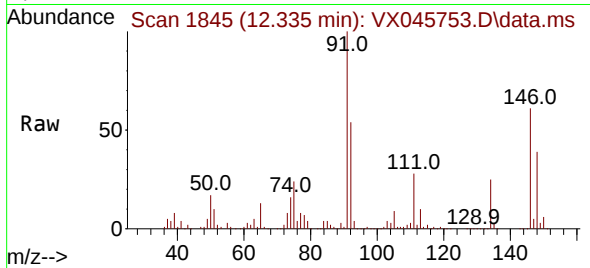
#91
1,2-Dichlorobenzene
Concen: 48.847 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



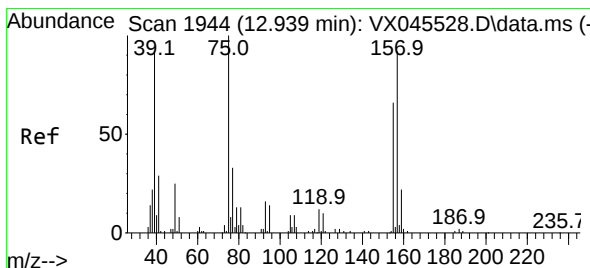
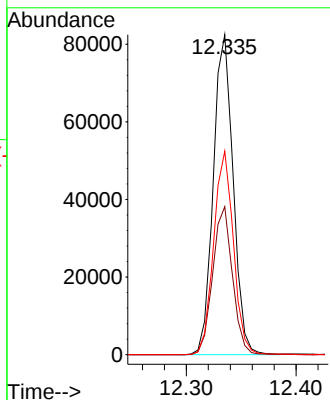
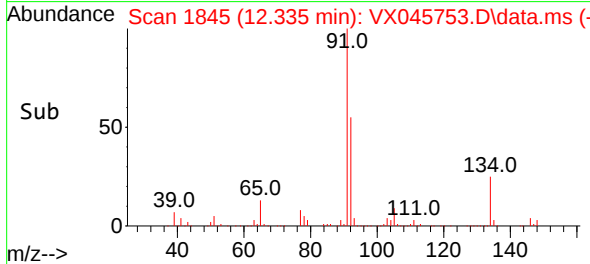
Tgt Ion:146 Resp: 10381
Ion Ratio Lower Upper
146 100
111 46.1 22.9 68.8
148 63.5 31.9 95.5

Manual Integrations

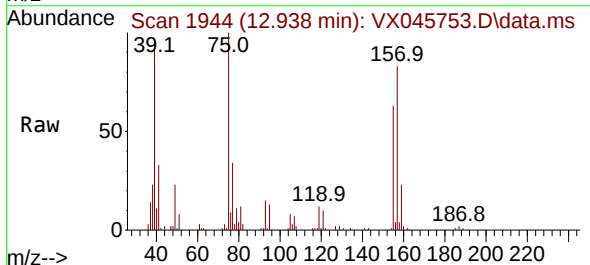
APPROVED

Reviewed By :John Carlone 04/14/2025

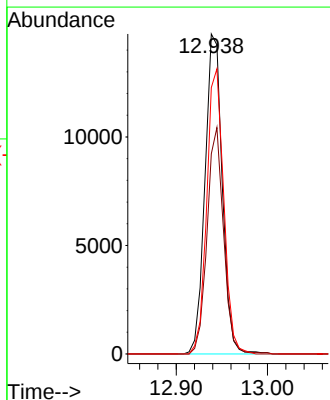
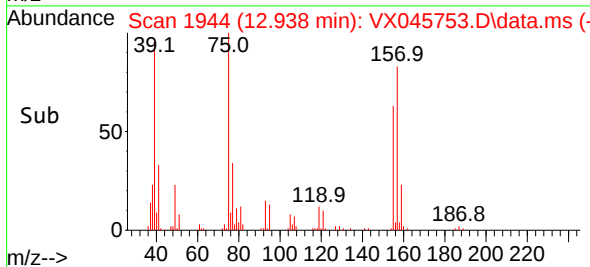
Supervised By :Mahesh Dadoda 04/14/2025

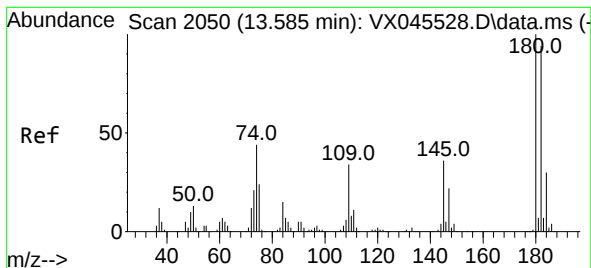


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.860 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42



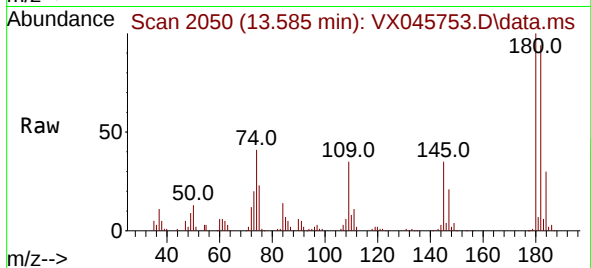
Tgt Ion: 75 Resp: 19365
Ion Ratio Lower Upper
75 100
155 67.4 34.9 104.7
157 87.0 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 50.371 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

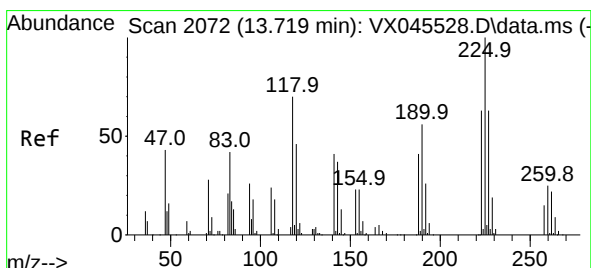
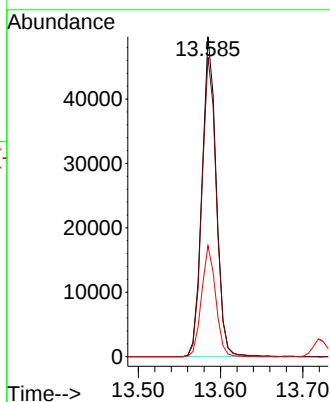
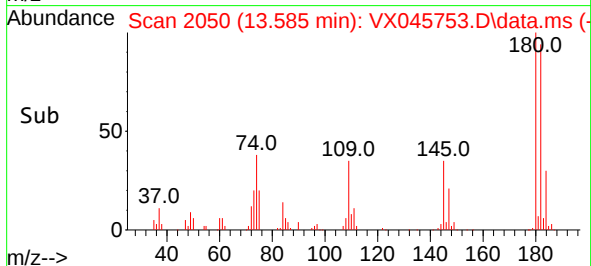
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



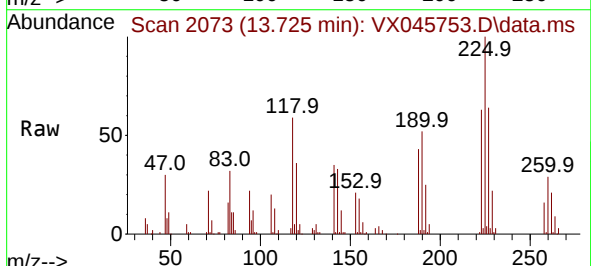
Tgt Ion:180 Resp: 5959
Ion Ratio Lower Upper
180 100
182 95.3 47.9 143.6
145 34.3 17.9 53.8

Manual Integrations
APPROVED

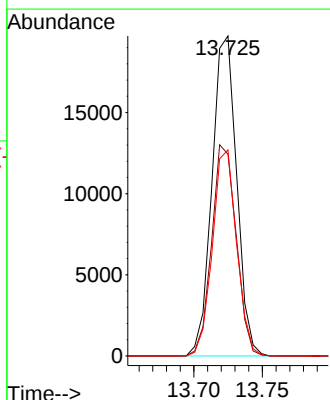
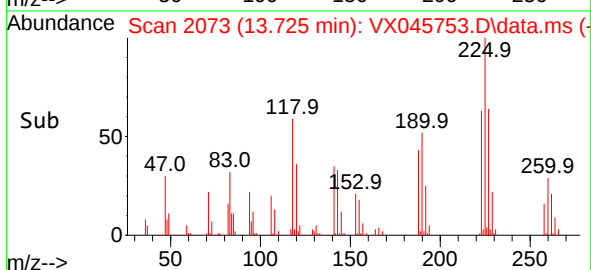
Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025

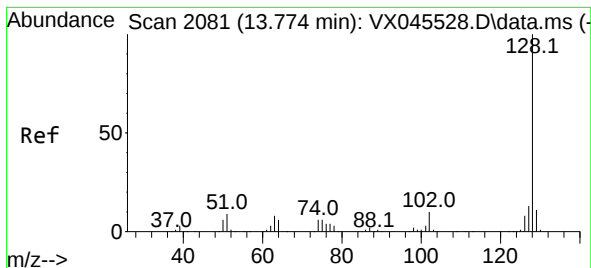


#94
Hexachlorobutadiene
Concen: 48.349 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42



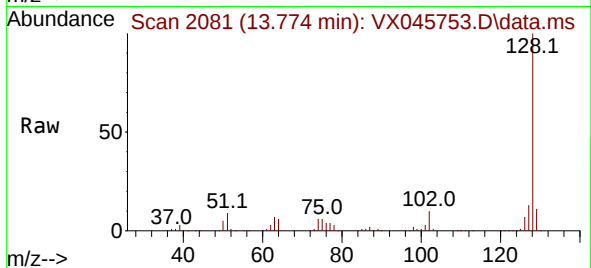
Tgt Ion:225 Resp: 24648
Ion Ratio Lower Upper
225 100
223 65.7 31.1 93.3
227 63.2 32.2 96.6





#95
Naphthalene
Concen: 51.359 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42

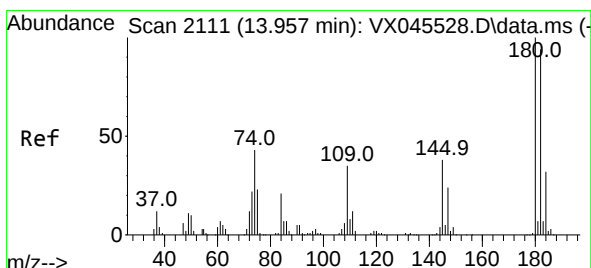
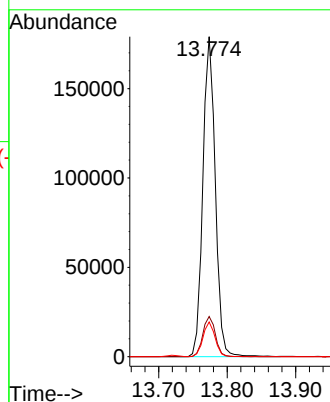
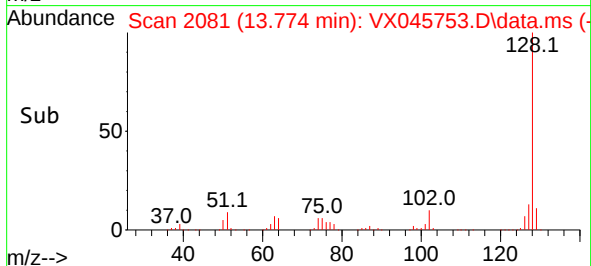
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



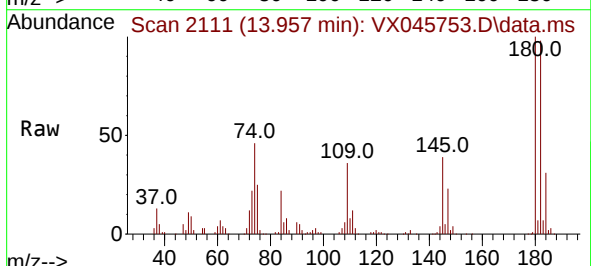
Tgt Ion:128 Resp: 22611
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.6 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/14/2025
Supervised By :Mahesh Dadoda 04/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.830 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045753.D
Acq: 11 Apr 2025 19:42



Tgt Ion:180 Resp: 61729
Ion Ratio Lower Upper
180 100
182 96.0 47.3 141.8
145 36.8 18.2 54.6

