

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020325\
 Data File : VX044826.D
 Acq On : 03 Feb 2025 19:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/04/2025
 Supervised By : Mahesh Dadoda 02/04/2025

Quant Time: Feb 04 02:14:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	153899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	282190	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	236763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	101428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100023	43.058	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.120%		
35) Dibromofluoromethane	5.385	113	84821	47.314	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.620%		
50) Toluene-d8	8.647	98	305193	48.824	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.640%		
62) 4-Bromofluorobenzene	11.079	95	100716	43.221	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	86.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	90549	43.724	ug/l	99
3) Chloromethane	1.300	50	102136	45.607	ug/l	95
4) Vinyl Chloride	1.374	62	106720	48.230	ug/l	98
5) Bromomethane	1.593	94	29444	55.728	ug/l	96
6) Chloroethane	1.660	64	34296	84.521	ug/l	96
7) Trichlorofluoromethane	1.867	101	141652	57.922	ug/l	100
8) Diethyl Ether	2.136	74	45388	45.989	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	91682	49.871	ug/l	98
10) Methyl Iodide	2.440	142	121803	48.529	ug/l	98
11) Tert butyl alcohol	2.983	59	108845	210.178	ug/l #	84
12) 1,1-Dichloroethene	2.306	96	92492	51.328	ug/l	99
13) Acrolein	2.233	56	52813	216.711	ug/l	99
14) Allyl chloride	2.654	41	166552	47.471	ug/l	97
15) Acrylonitrile	3.062	53	282438	278.063	ug/l	99
16) Acetone	2.386	43	223530	243.213	ug/l	97
17) Carbon Disulfide	2.501	76	232324	47.249	ug/l	98
18) Methyl Acetate	2.703	43	164928	58.166	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	316558	48.500	ug/l	98
20) Methylene Chloride	2.782	84	103126	48.183	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	92180	48.996	ug/l	99
22) Diisopropyl ether	3.763	45	335912	55.078	ug/l	90
23) Vinyl Acetate	3.721	43	1388933	260.192	ug/l	99
24) 1,1-Dichloroethane	3.605	63	182847	50.557	ug/l	99
25) 2-Butanone	4.556	43	375361	274.690	ug/l	99
26) 2,2-Dichloropropane	4.471	77	138616	39.546	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	114650	48.447	ug/l	97
28) Bromochloromethane	4.891	49	83772	49.569	ug/l	94
29) Tetrahydrofuran	5.001	42	247988	281.349	ug/l	96
30) Chloroform	5.086	83	175967	48.211	ug/l	100
31) Cyclohexane	5.464	56	158296	54.116	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	148905	44.377	ug/l	100
36) 1,1-Dichloropropene	5.684	75	120787	48.402	ug/l	99
37) Ethyl Acetate	4.714	43	146434	55.102	ug/l	98
38) Carbon Tetrachloride	5.672	117	122108	43.501	ug/l	99
39) Methylcyclohexane	7.372	83	162174	48.954	ug/l	98
40) Benzene	6.031	78	394829	51.058	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	84439	54.527	ug/l	96
42) 1,2-Dichloroethane	6.080	62	126251	44.732	ug/l	100
43) Isopropyl Acetate	6.336	43	242571	49.618	ug/l	99
44) Trichloroethene	7.123	130	90974	48.936	ug/l	95
45) 1,2-Dichloropropane	7.427	63	99891	51.318	ug/l	97
46) Dibromomethane	7.574	93	68368	46.139	ug/l	99
47) Bromodichloromethane	7.818	83	134812	44.363	ug/l	97
48) Methyl methacrylate	7.690	41	114233	50.338	ug/l	98
49) 1,4-Dioxane	7.665	88	43661	922.177	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	726639	268.957	ug/l	99
52) Toluene	8.714	92	235196	49.692	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	140485	44.746	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	155237	45.600	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	92471	48.290	ug/l	98
56) Ethyl methacrylate	9.116	69	157931	47.966	ug/l	99
57) 1,3-Dichloropropane	9.305	76	161606	49.558	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	382428	236.583	ug/l	97
59) 2-Hexanone	9.427	43	531841	267.574	ug/l	99
60) Dibromochloromethane	9.518	129	99934	44.463	ug/l	99
61) 1,2-Dibromoethane	9.604	107	94343	47.011	ug/l	98
64) Tetrachloroethene	9.269	164	70288	47.277	ug/l	99
65) Chlorobenzene	10.079	112	245875	48.892	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	80707	44.159	ug/l	97
67) Ethyl Benzene	10.189	91	437525	49.861	ug/l	99
68) m/p-Xylenes	10.299	106	324650	99.701	ug/l	98
69) o-Xylene	10.640	106	161143	48.934	ug/l	98
70) Styrene	10.652	104	264917	49.827	ug/l	98
71) Bromoform	10.799	173	63599	42.755	ug/l #	97
73) Isopropylbenzene	10.957	105	408375	49.285	ug/l	99
74) N-amyl acetate	10.841	43	202220	49.513	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	142263	49.712	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	114547m	46.535	ug/l	
77) Bromobenzene	11.195	156	91569	47.280	ug/l	96
78) n-propylbenzene	11.305	91	467770	51.190	ug/l	100
79) 2-Chlorotoluene	11.360	91	278308	47.148	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	324829	48.156	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	48843	45.377	ug/l	97
82) 4-Chlorotoluene	11.451	91	310639	48.040	ug/l	98
83) tert-Butylbenzene	11.713	119	335444	47.560	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	328436	47.915	ug/l	100
85) sec-Butylbenzene	11.890	105	412467	50.226	ug/l	100
86) p-Isopropyltoluene	12.006	119	329893	48.882	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	165745	49.348	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	161848	47.668	ug/l	99
89) n-Butylbenzene	12.329	91	297882	51.390	ug/l	99
90) Hexachloroethane	12.536	117	65379	42.781	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	165330	47.931	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	28028	40.047	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	99256	48.135	ug/l	99
94) Hexachlorobutadiene	13.725	225	37442	46.226	ug/l	98
95) Naphthalene	13.774	128	391881	49.275	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	100674	47.101	ug/l	98

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

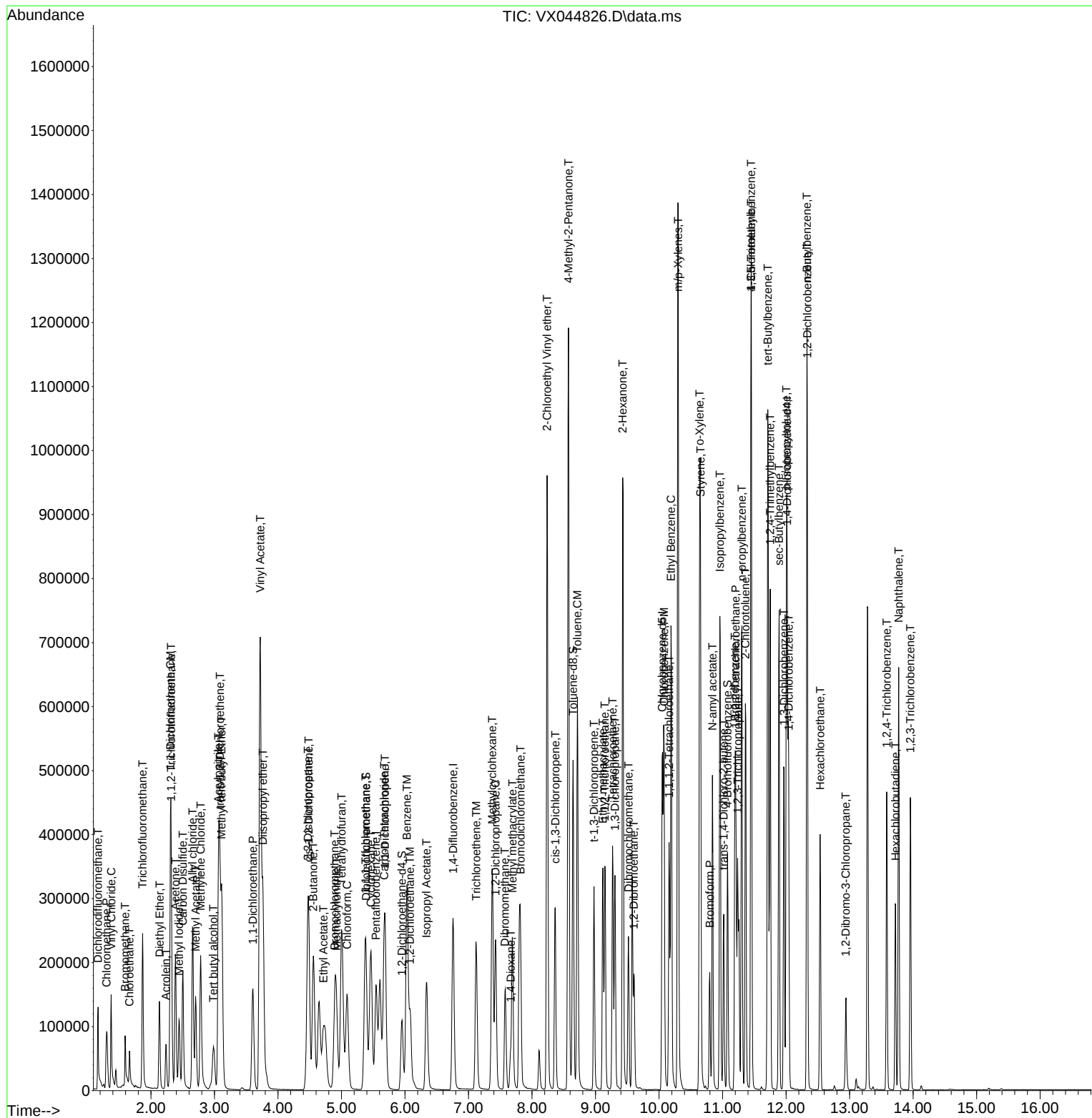
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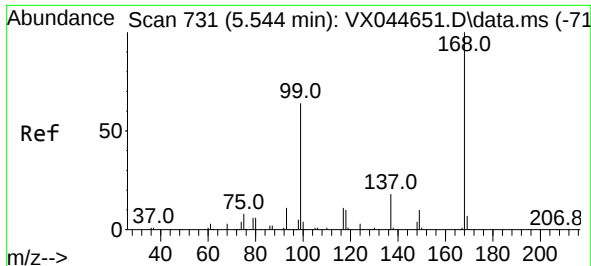
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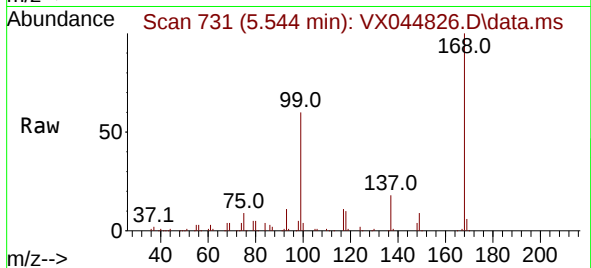
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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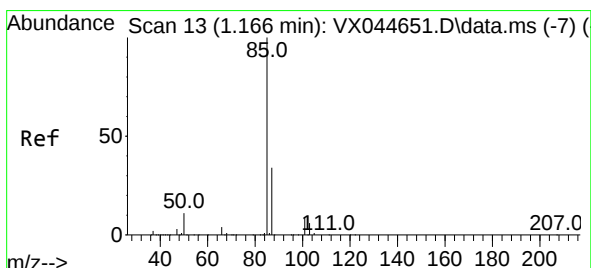
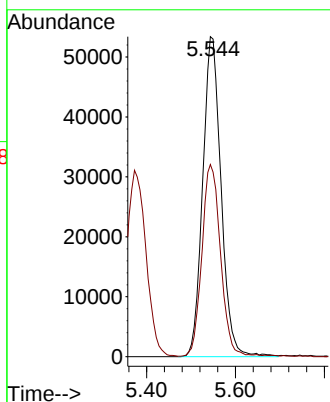
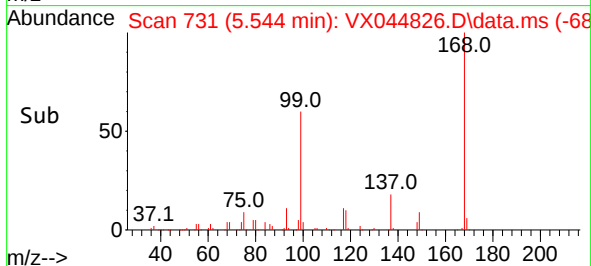
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 15389
Ion Ratio Lower Upper
168 100
99 59.9 51.1 76.7

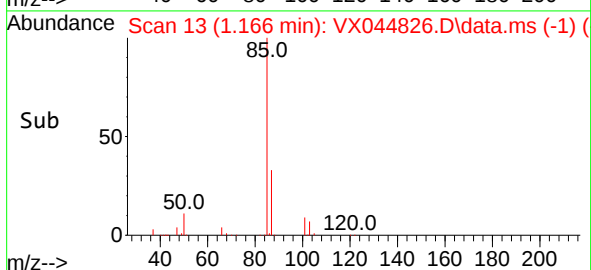
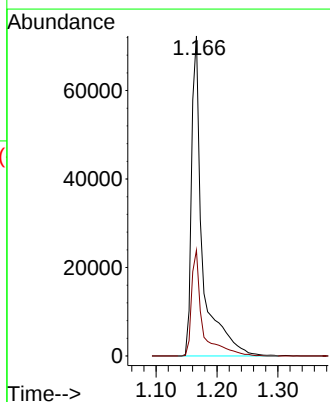
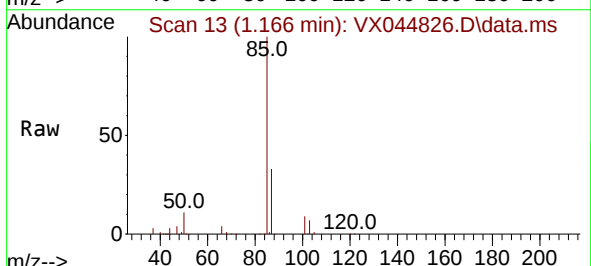
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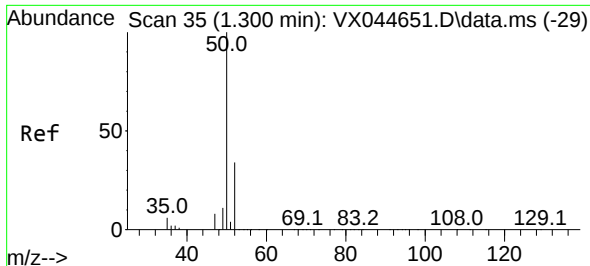
Reviewed By :John Carlone 02/04/2025
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#2
Dichlorodifluoromethane
Concen: 43.724 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044826.D
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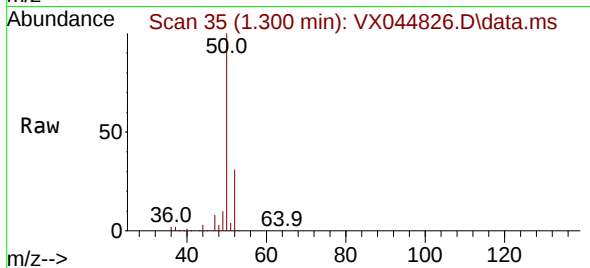
Tgt Ion: 85 Resp: 90549
Ion Ratio Lower Upper
85 100
87 33.0 16.8 50.4





#3
Chloromethane
Concen: 45.607 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

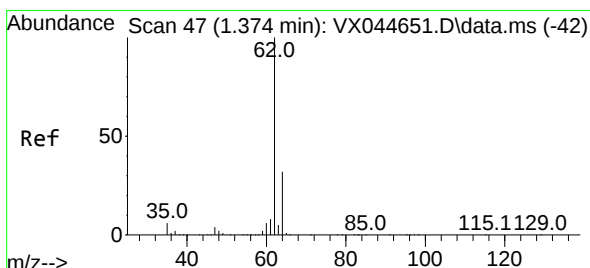
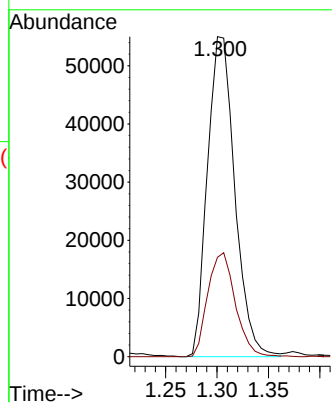
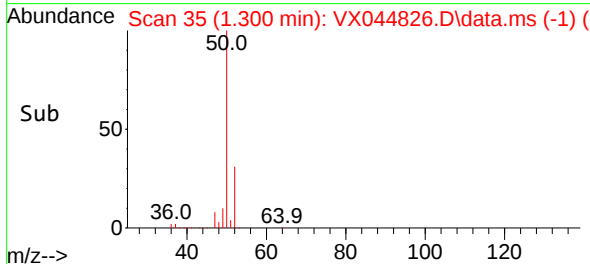
Instrument :
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Tgt Ion: 50 Resp: 102130
Ion Ratio Lower Upper
50 100
52 31.1 27.0 40.4

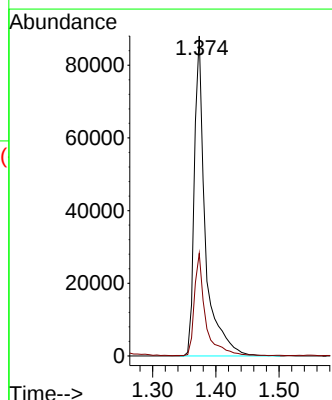
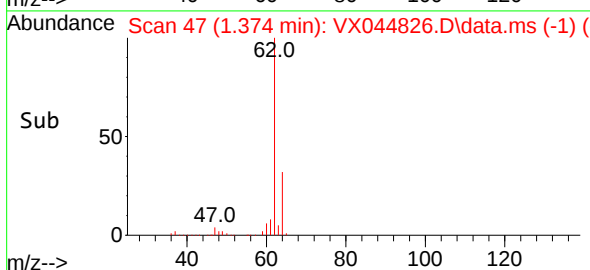
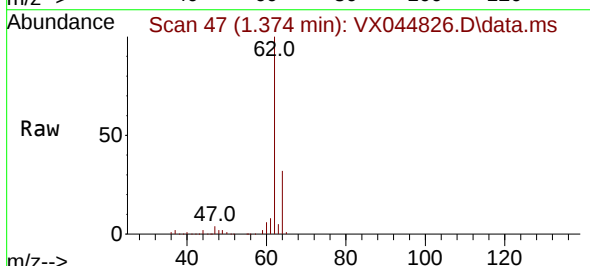
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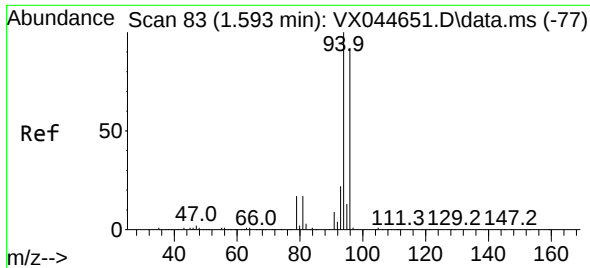
Reviewed By :John Carlone 02/04/2025
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#4
Vinyl Chloride
Concen: 48.230 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

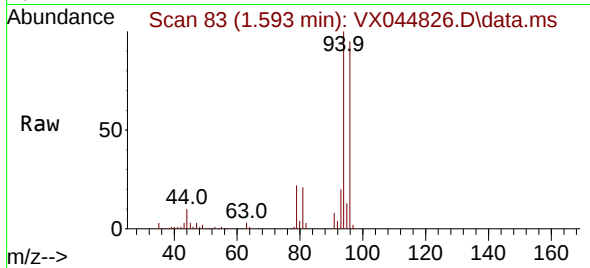
Tgt Ion: 62 Resp: 106720
Ion Ratio Lower Upper
62 100
64 31.9 26.6 39.8





#5
Bromomethane
Concen: 55.728 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

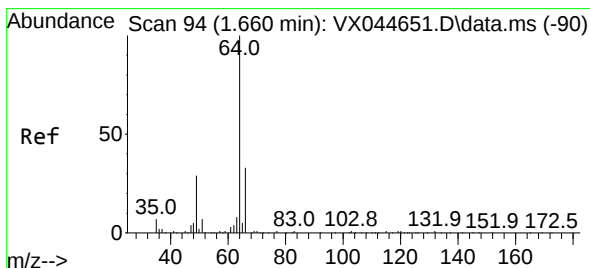
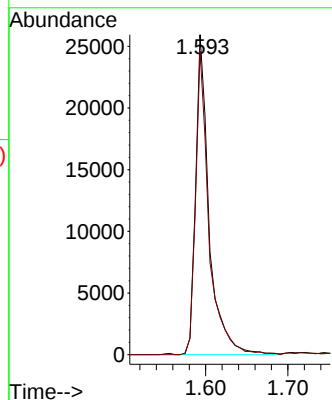
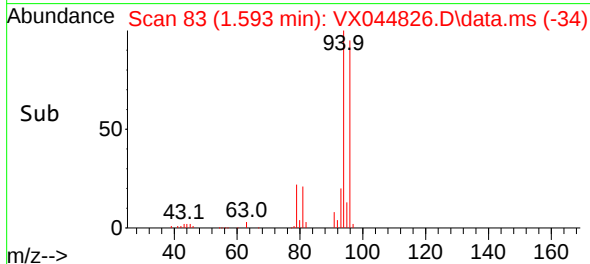
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Tgt Ion: 94 Resp: 2944
Ion Ratio Lower Upper
94 100
96 94.9 72.8 109.2

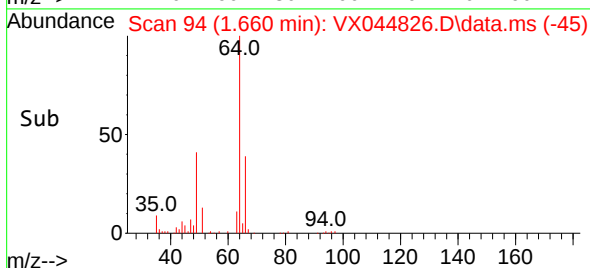
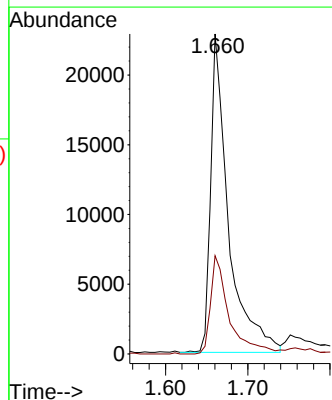
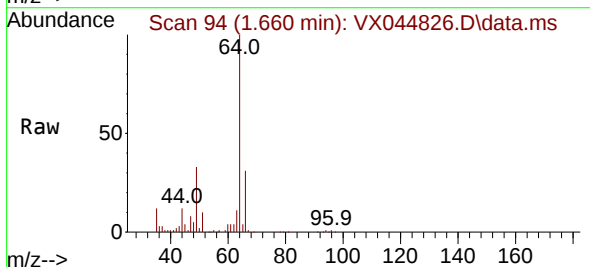
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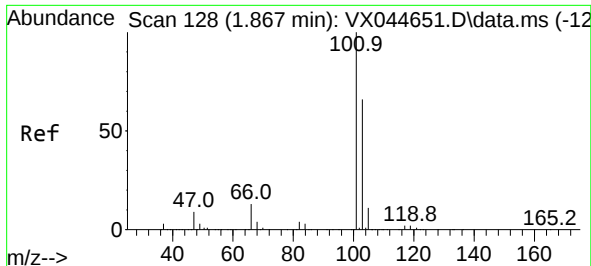
Reviewed By :John Carlone 02/04/2025
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#6
Chloroethane
Concen: 84.521 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.000 min
Lab File: VX044826.D
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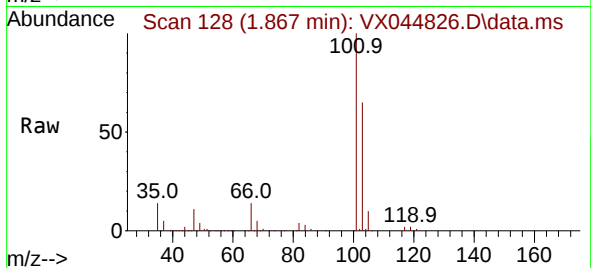
Tgt Ion: 64 Resp: 34296
Ion Ratio Lower Upper
64 100
66 30.9 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 57.922 ug/l
 RT: 1.867 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX044826.D
 Acq: 03 Feb 2025 19:37

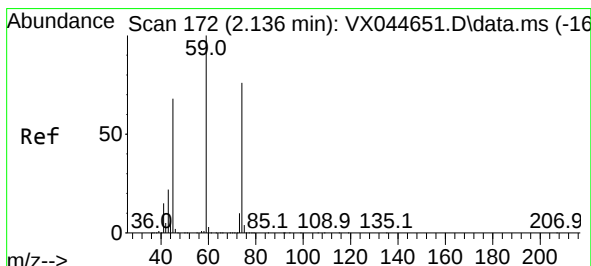
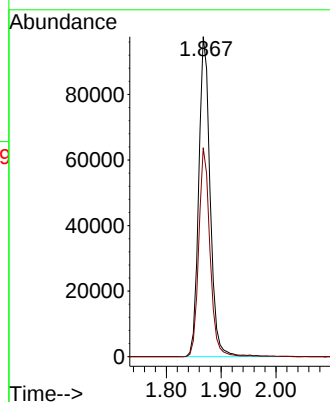
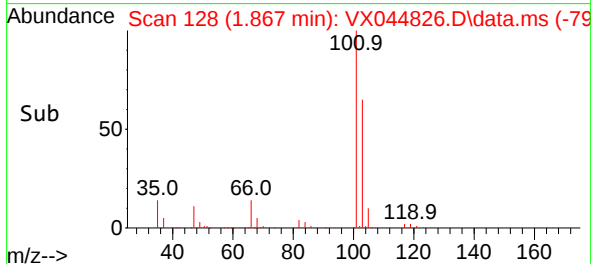
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Tgt Ion:101 Resp: 141652
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.5 78.7

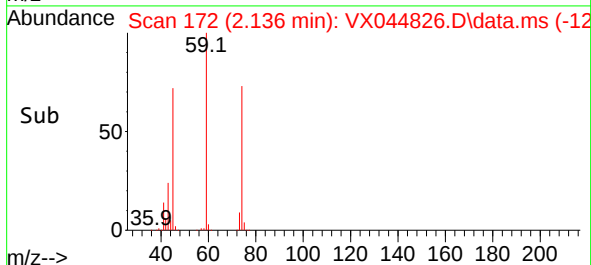
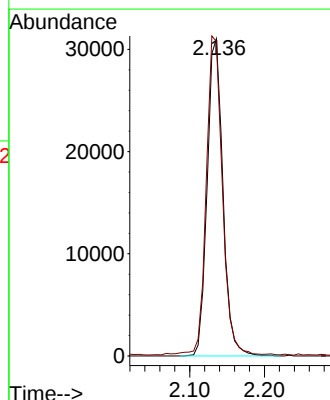
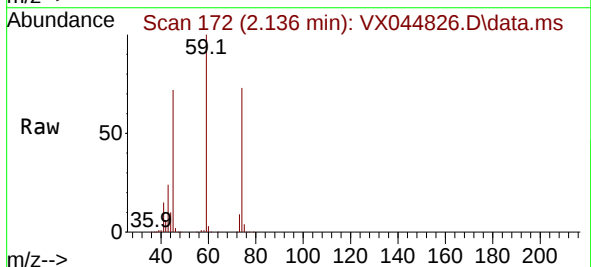
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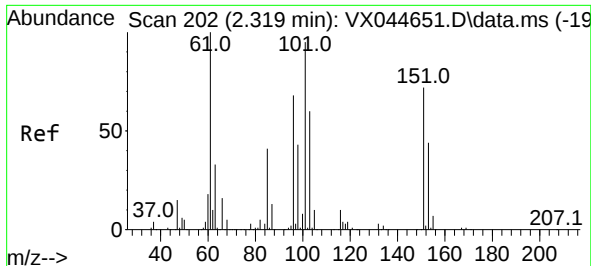
Reviewed By :John Carlone 02/04/2025
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#8
 Diethyl Ether
 Concen: 45.989 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX044826.D
 Acq: 03 Feb 2025 19:37

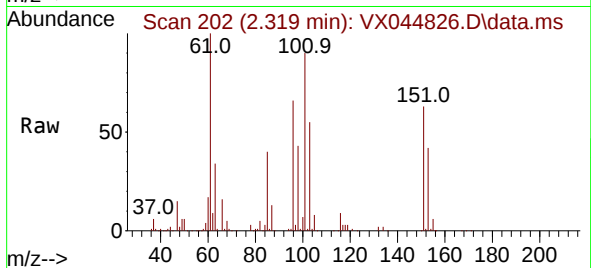
Tgt Ion: 74 Resp: 45388
 Ion Ratio Lower Upper
 74 100
 45 102.6 47.1 141.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.871 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

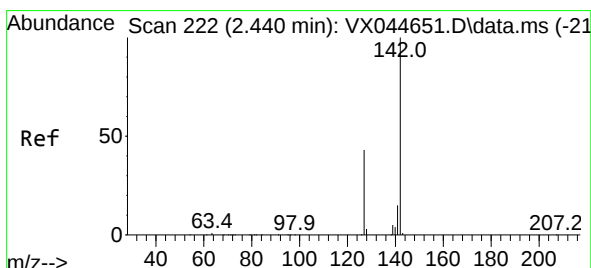
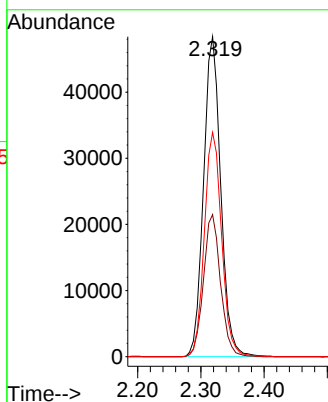
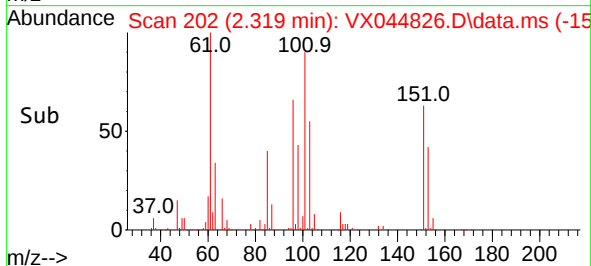
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 9168
Ion Ratio Lower Upper
101 100
85 44.1 35.3 52.9
151 70.5 58.2 87.4

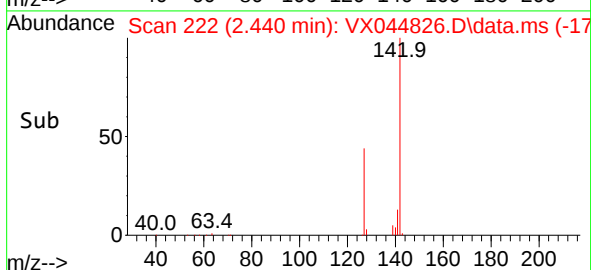
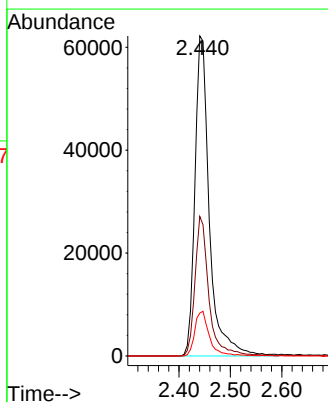
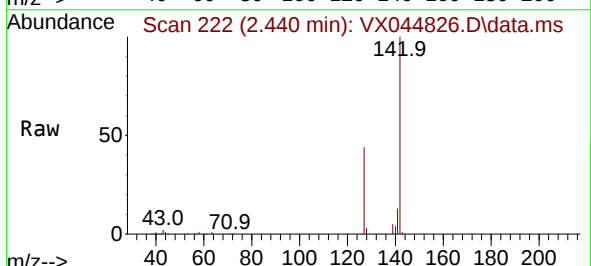
Manual Integrations
APPROVED

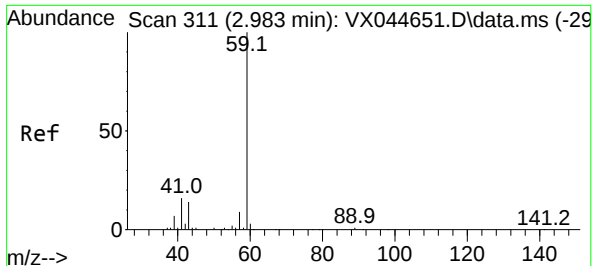
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#10
Methyl Iodide
Concen: 48.529 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

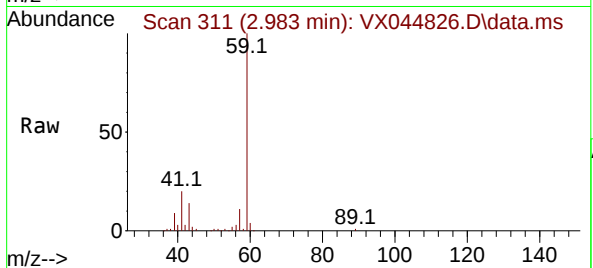
Tgt Ion:142 Resp: 121803
Ion Ratio Lower Upper
142 100
127 42.1 35.0 52.4
141 14.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 210.178 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

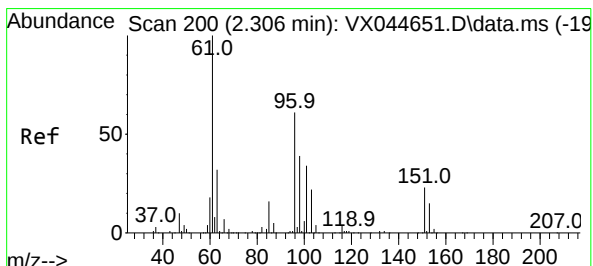
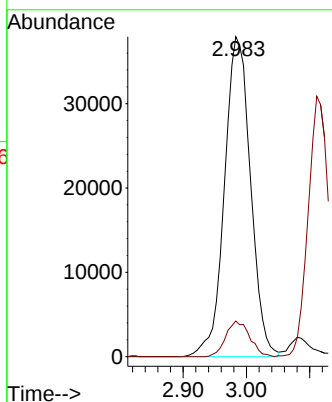
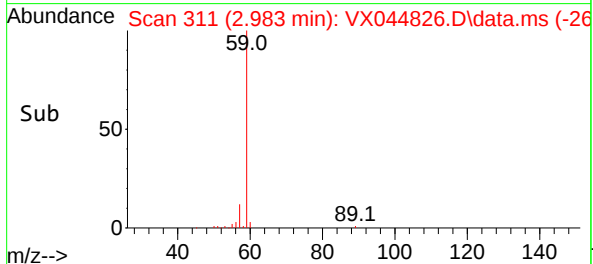
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



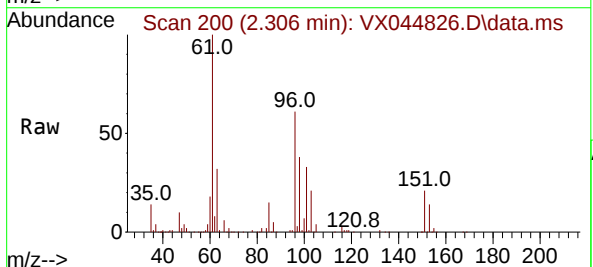
Tgt Ion: 59 Resp: 108849
Ion Ratio Lower Upper
59 100
57 10.2 3.9 5.9

Manual Integrations
APPROVED

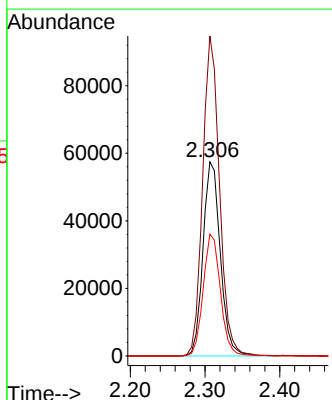
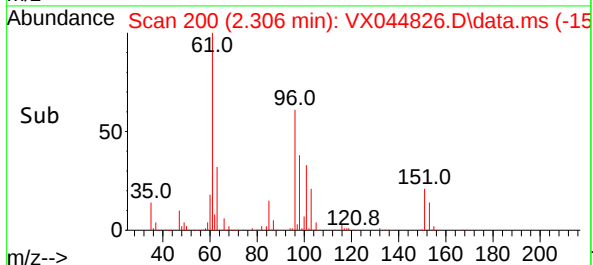
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

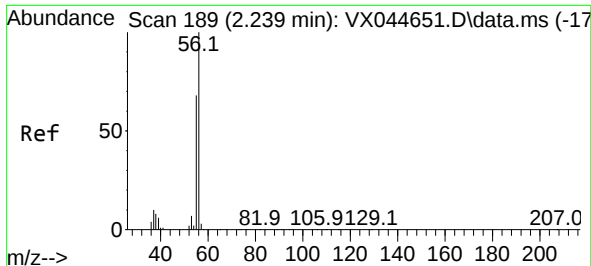


#12
1,1-Dichloroethene
Concen: 51.328 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37



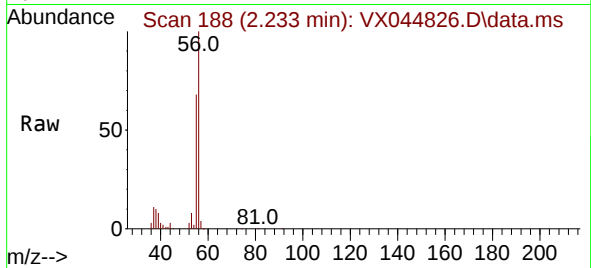
Tgt Ion: 96 Resp: 92492
Ion Ratio Lower Upper
96 100
61 164.8 131.1 196.7
98 62.7 51.2 76.8





#13
Acrolein
Concen: 216.711 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

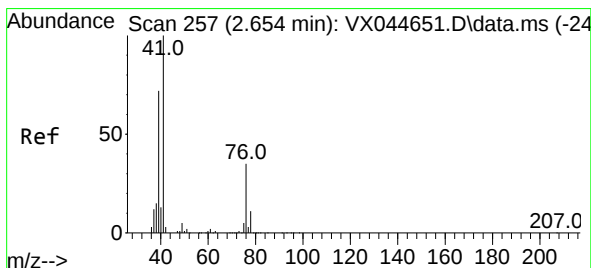
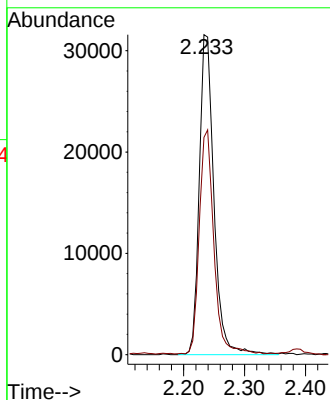
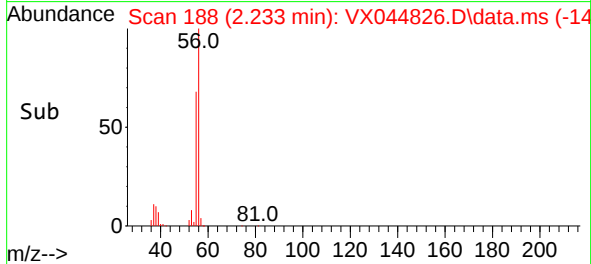
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5281
Ion Ratio Lower Upper
56 100
55 69.6 55.1 82.7

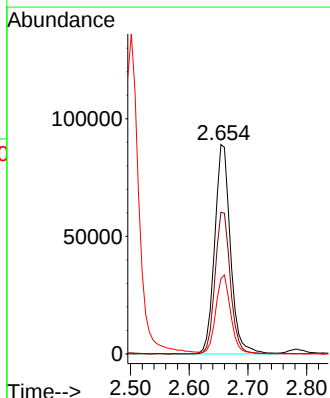
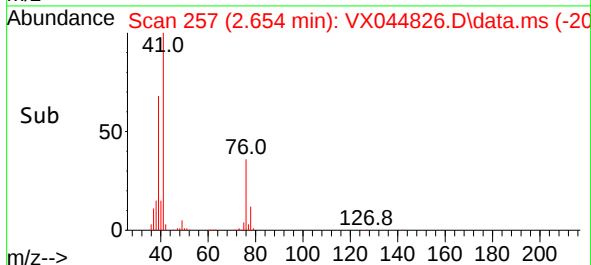
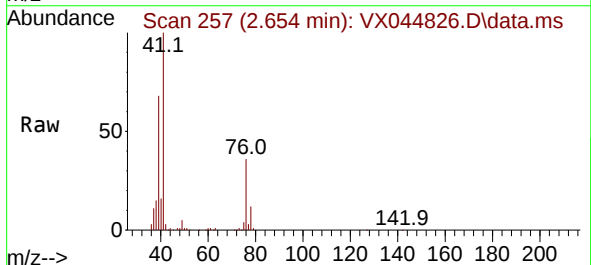
Manual Integrations
APPROVED

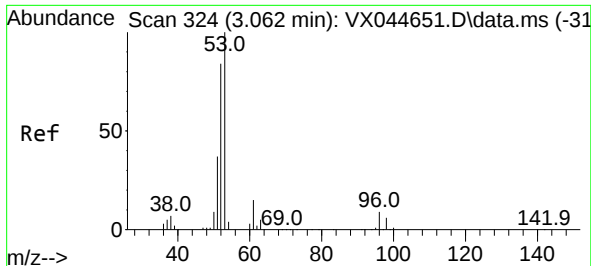
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#14
Allyl chloride
Concen: 47.471 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

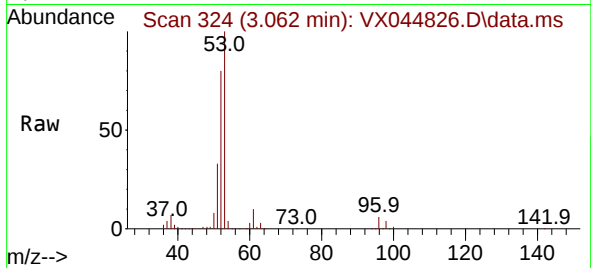
Tgt Ion: 41 Resp: 166552
Ion Ratio Lower Upper
41 100
39 65.1 54.9 82.3
76 35.6 28.4 42.6





#15
Acrylonitrile
Concen: 278.063 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

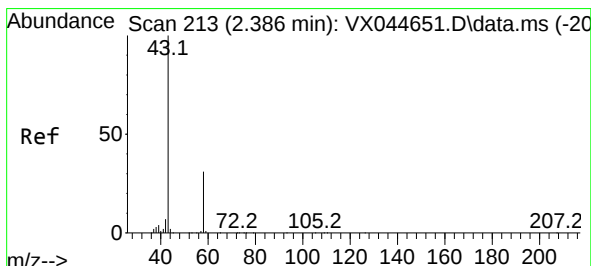
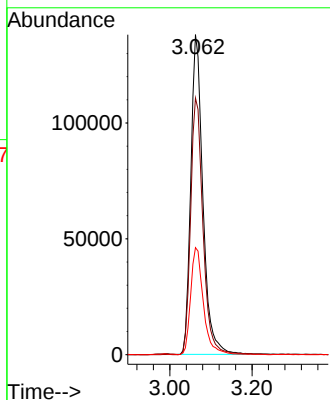
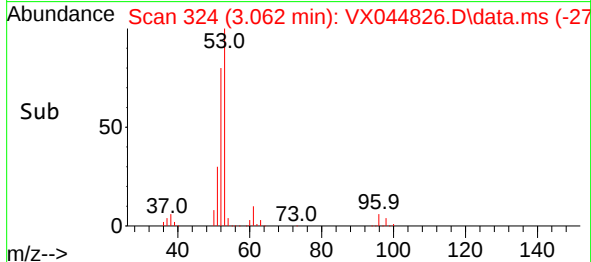
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



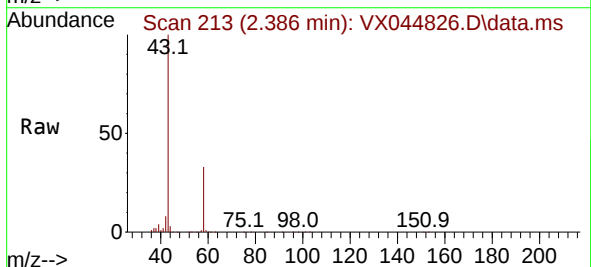
Tgt Ion: 53 Resp: 282438
Ion Ratio Lower Upper
53 100
52 81.8 66.0 99.0
51 35.4 28.9 43.3

Manual Integrations
APPROVED

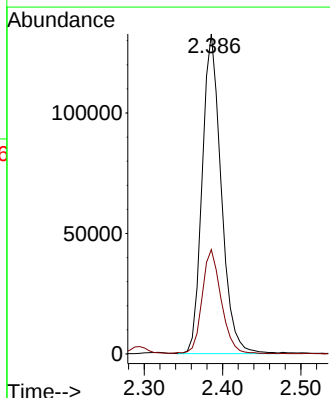
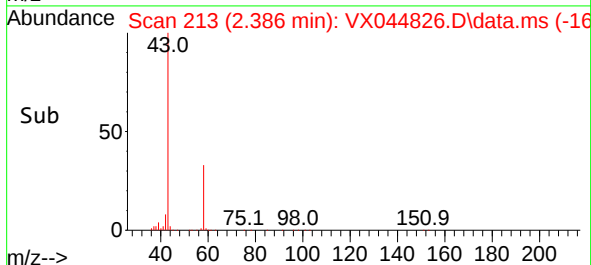
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

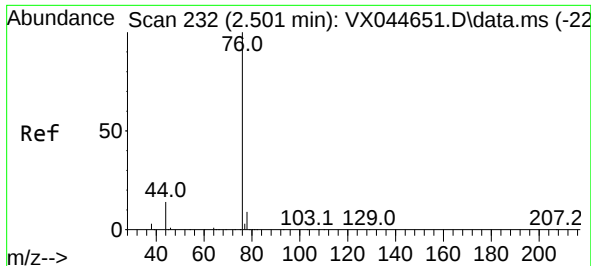


#16
Acetone
Concen: 243.213 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37



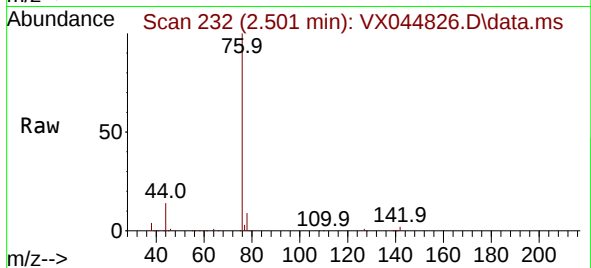
Tgt Ion: 43 Resp: 223530
Ion Ratio Lower Upper
43 100
58 32.5 24.6 37.0





#17
Carbon Disulfide
Concen: 47.249 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

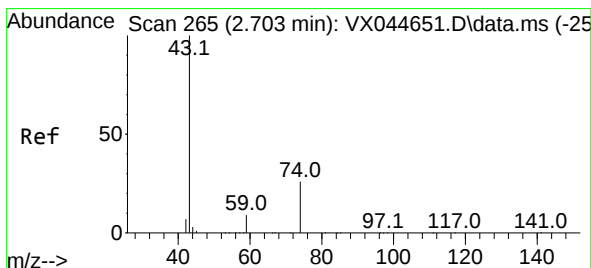
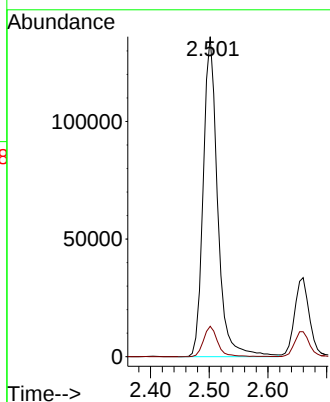
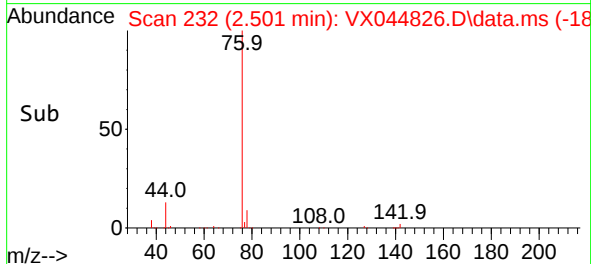
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 232324
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

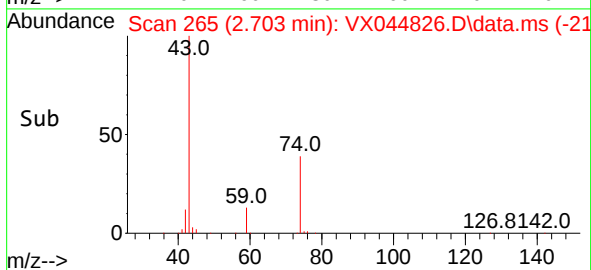
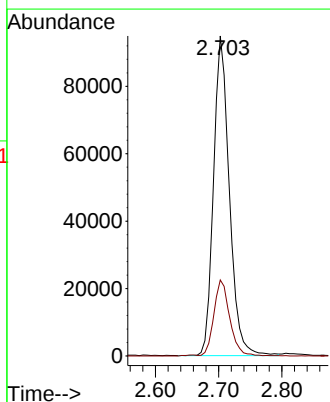
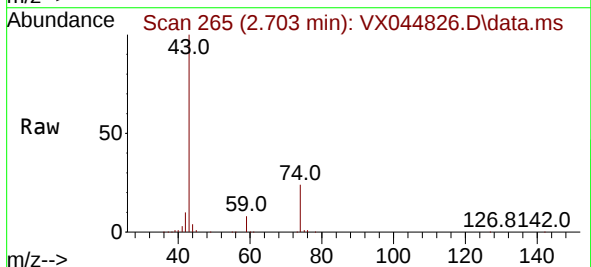
Manual Integrations
APPROVED

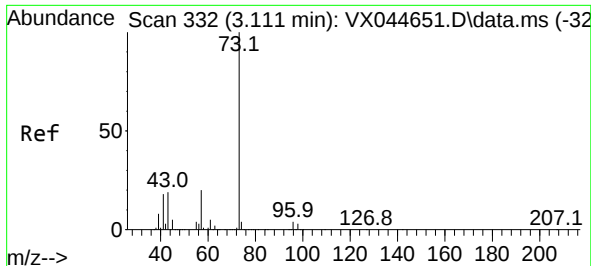
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#18
Methyl Acetate
Concen: 58.166 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

Tgt Ion: 43 Resp: 164928
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.8





#19

Methyl tert-butyl Ether

Concen: 48.500 ug/l

RT: 3.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 316558

Ion Ratio Lower Upper

73 100

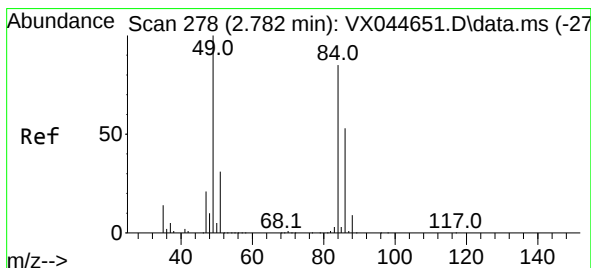
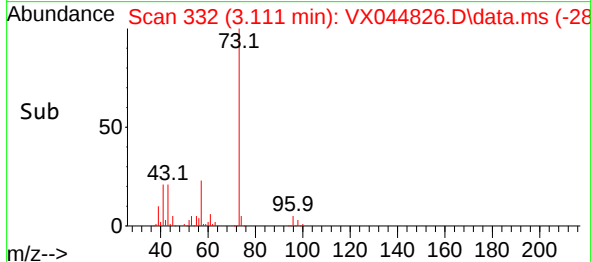
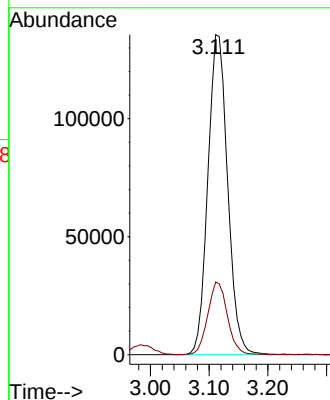
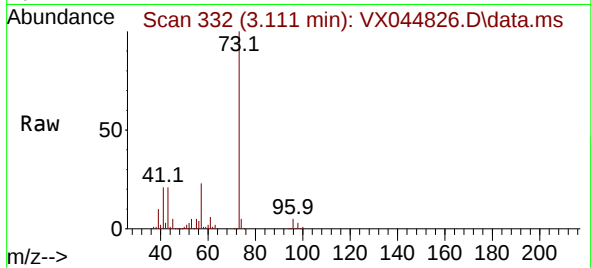
57 22.7 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#20

Methylene Chloride

Concen: 48.183 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Tgt Ion: 84 Resp: 103126

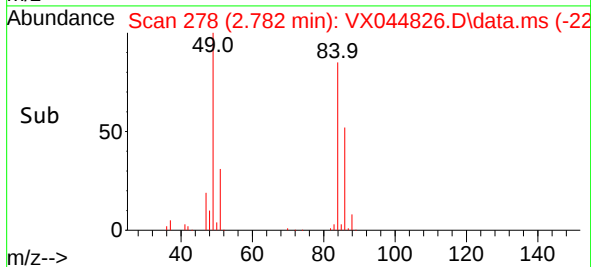
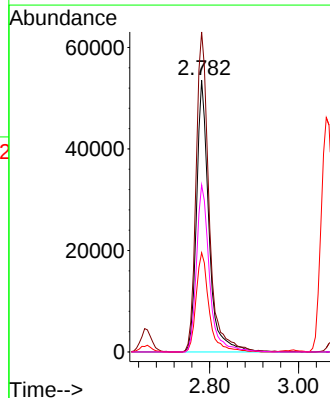
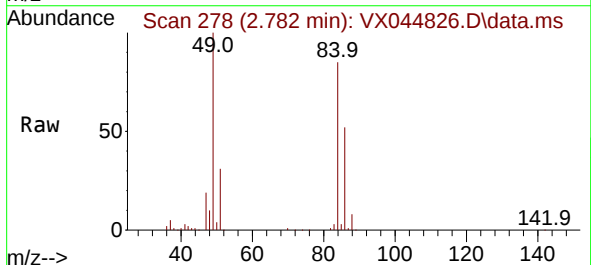
Ion Ratio Lower Upper

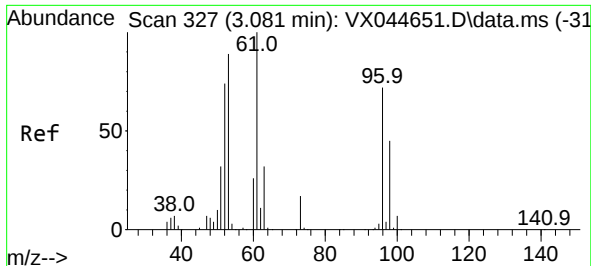
84 100

49 117.7 94.2 141.4

51 36.5 28.8 43.2

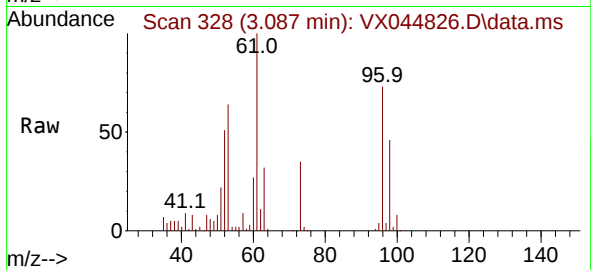
86 61.5 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 48.996 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

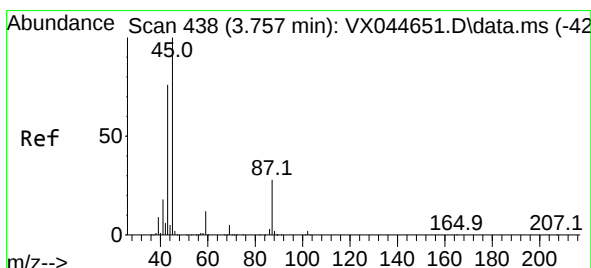
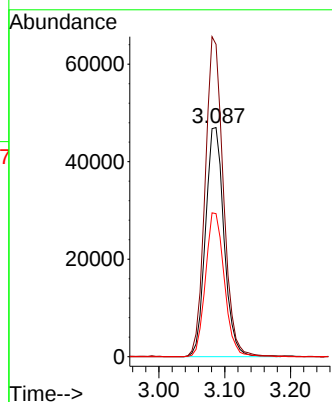
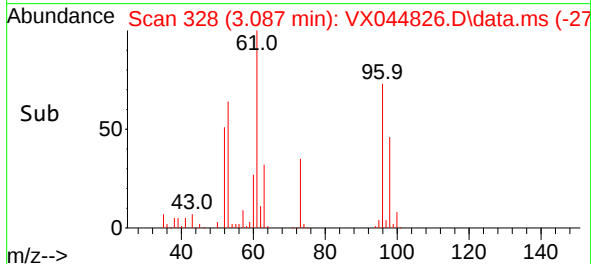
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 92180
Ion Ratio Lower Upper
96 100
61 136.3 111.0 166.6
98 62.5 50.2 75.2

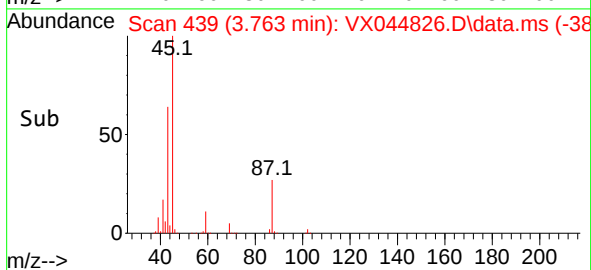
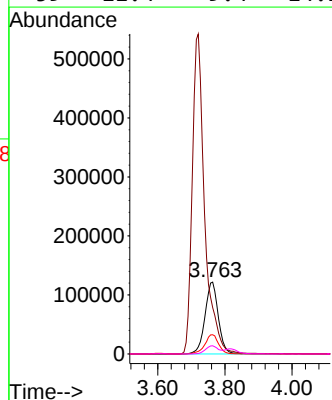
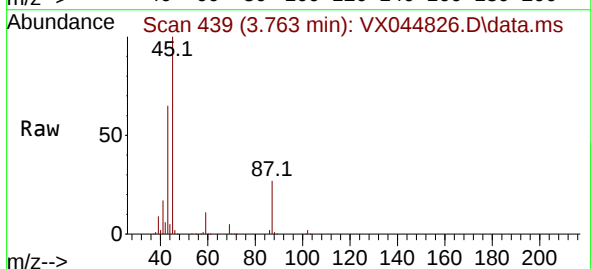
Manual Integrations
APPROVED

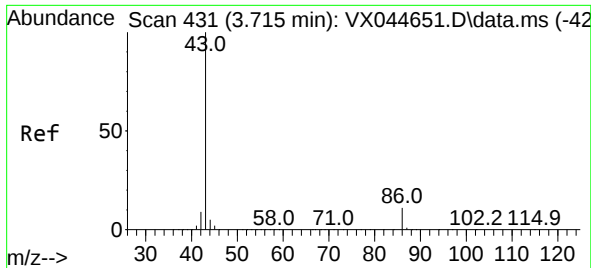
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#22
Diisopropyl ether
Concen: 55.078 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

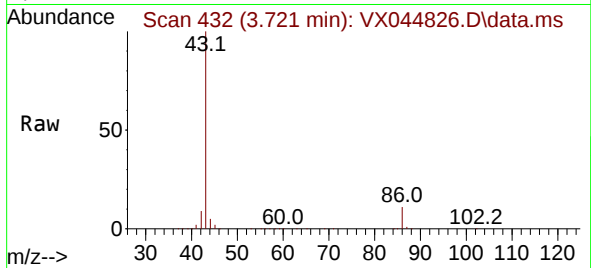
Tgt Ion: 45 Resp: 335912
Ion Ratio Lower Upper
45 100
43 64.6 61.0 91.6
87 26.8 22.7 34.1
59 11.4 9.4 14.2





#23
 Vinyl Acetate
 Concen: 260.192 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX044826.D
 Acq: 03 Feb 2025 19:37

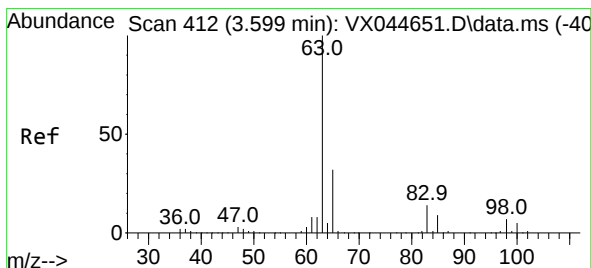
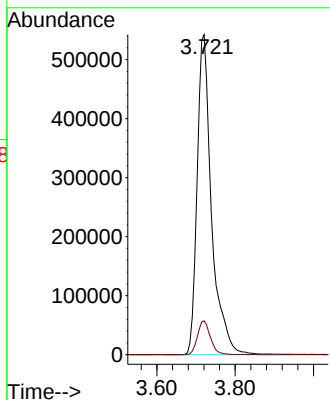
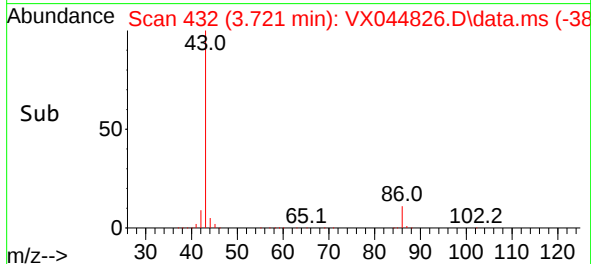
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



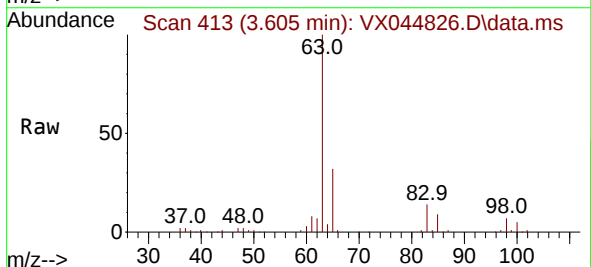
Tgt Ion: 43 Resp: 138893
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.9 13.3

Manual Integrations
 APPROVED

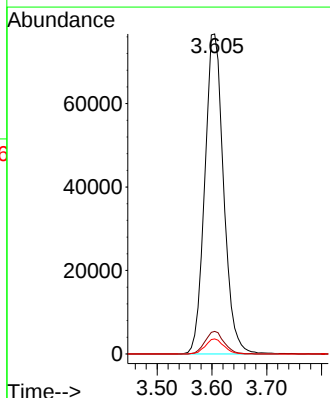
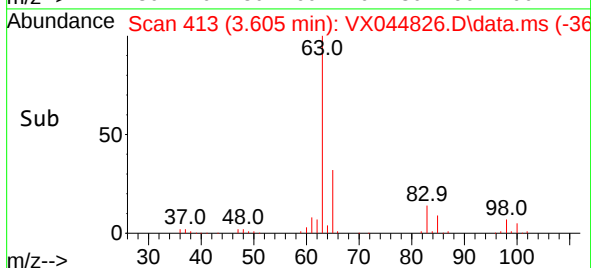
Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

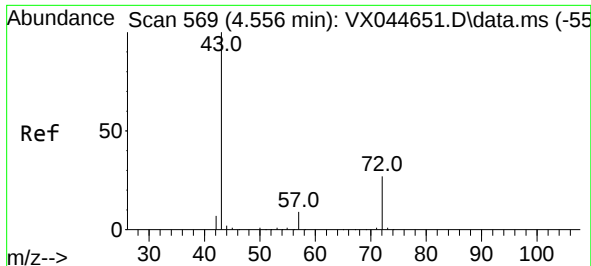


#24
 1,1-Dichloroethane
 Concen: 50.557 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: VX044826.D
 Acq: 03 Feb 2025 19:37



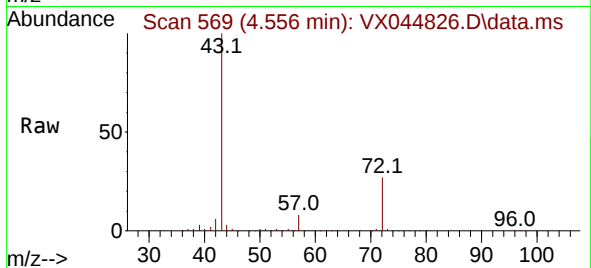
Tgt Ion: 63 Resp: 182847
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.7 2.5 7.5





#25
2-Butanone
Concen: 274.690 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

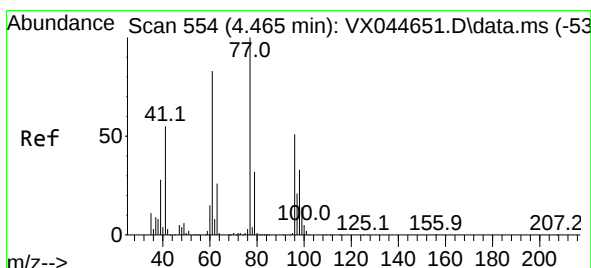
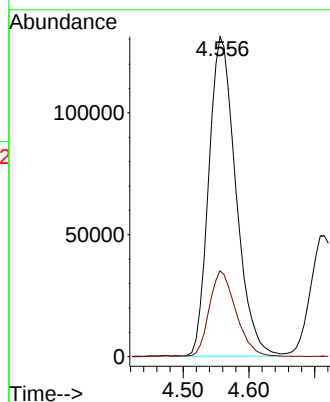
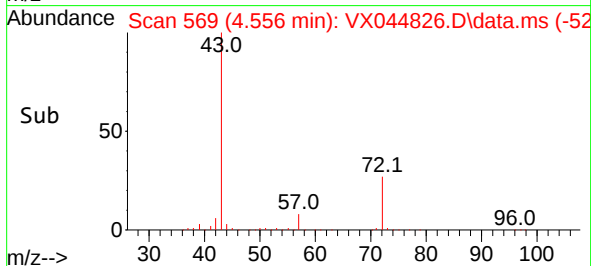
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 37536
Ion Ratio Lower Upper
43 100
72 26.7 21.7 32.5

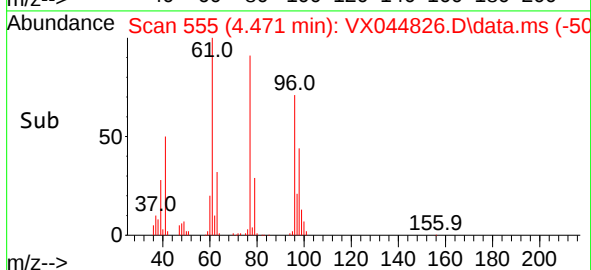
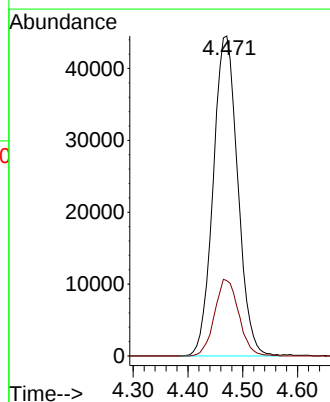
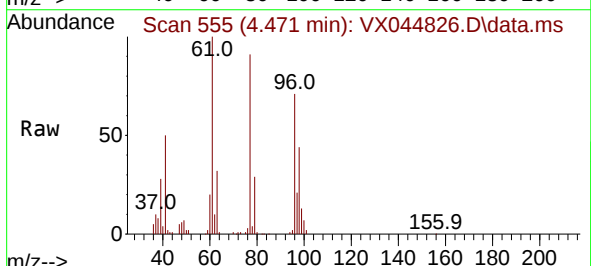
Manual Integrations
APPROVED

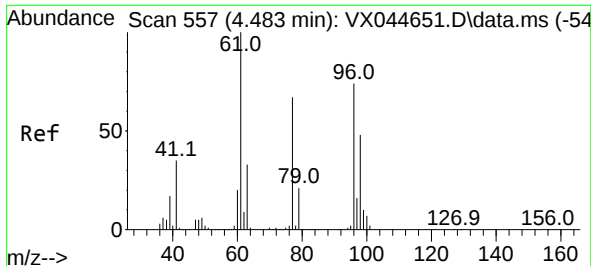
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#26
2,2-Dichloropropane
Concen: 39.546 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

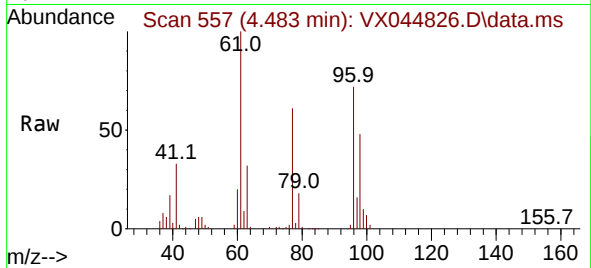
Tgt Ion: 77 Resp: 138616
Ion Ratio Lower Upper
77 100
97 23.6 10.9 32.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.447 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX044826.D
 Acq: 03 Feb 2025 19:37

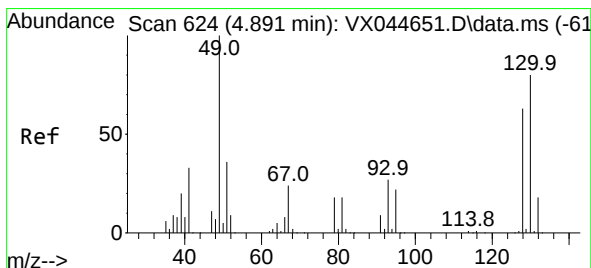
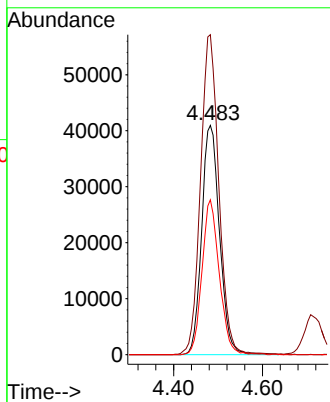
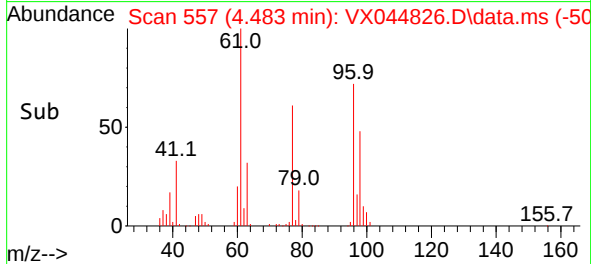
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 114650
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 296.0
 98 65.3 0.0 130.0

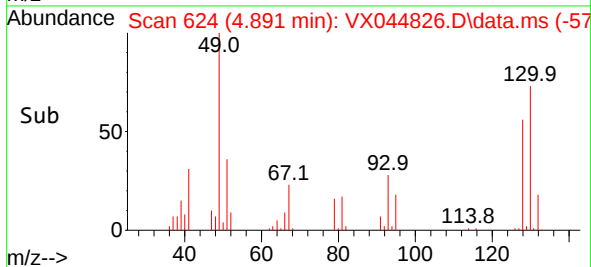
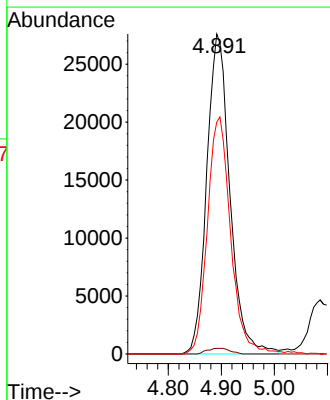
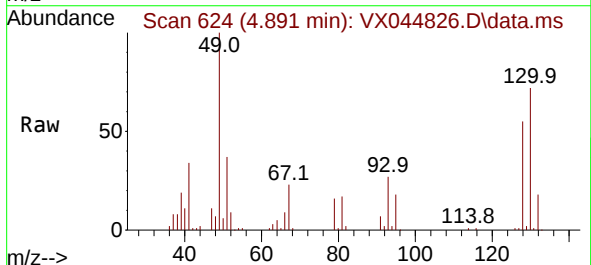
Manual Integrations
 APPROVED

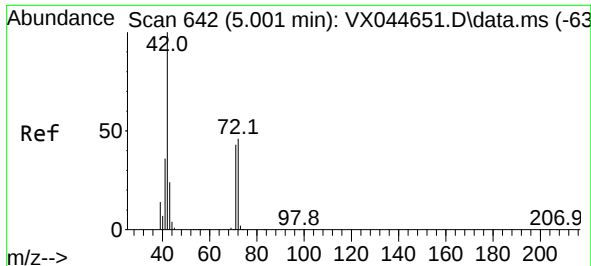
Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025



#28
 Bromochloromethane
 Concen: 49.569 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.000 min
 Lab File: VX044826.D
 Acq: 03 Feb 2025 19:37

Tgt Ion: 49 Resp: 83772
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.4
 130 74.0 63.4 95.2





#29

Tetrahydrofuran

Concen: 281.349 ug/l

RT: 5.001 min Scan# 642

Delta R.T. -0.000 min

Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 247988

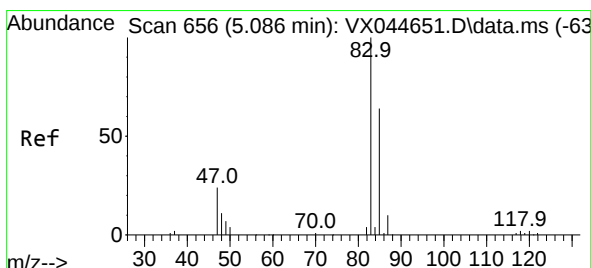
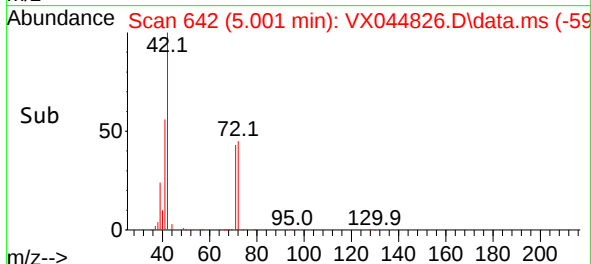
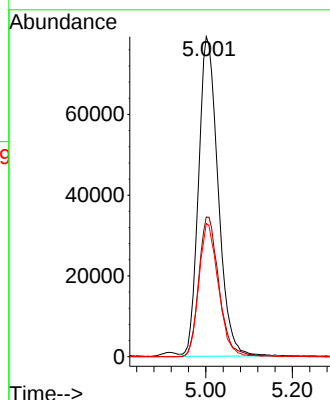
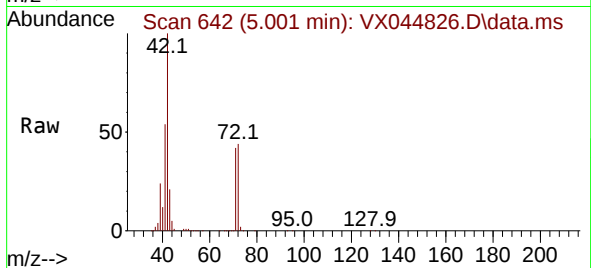
Ion	Ratio	Lower	Upper
42	100		
72	45.2	38.2	57.4
71	41.6	35.3	52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#30

Chloroform

Concen: 48.211 ug/l

RT: 5.086 min Scan# 656

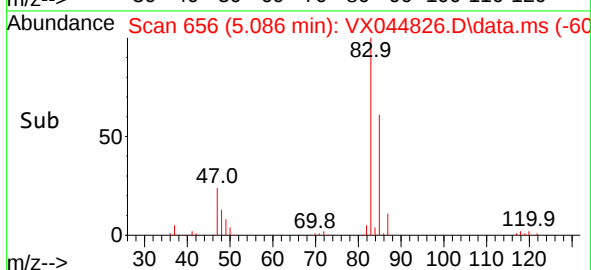
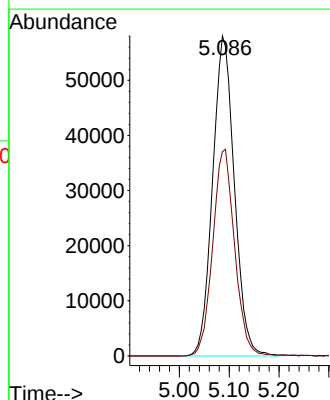
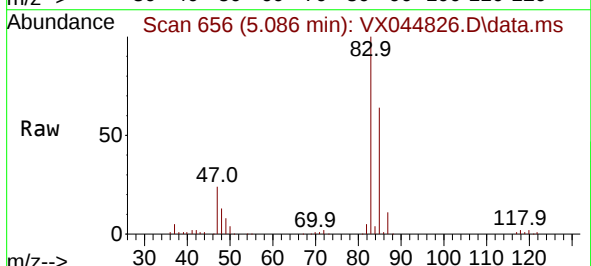
Delta R.T. -0.000 min

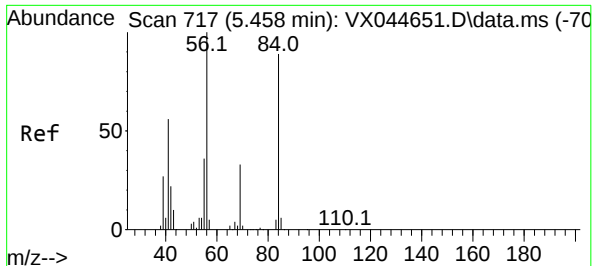
Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Tgt Ion: 83 Resp: 175967

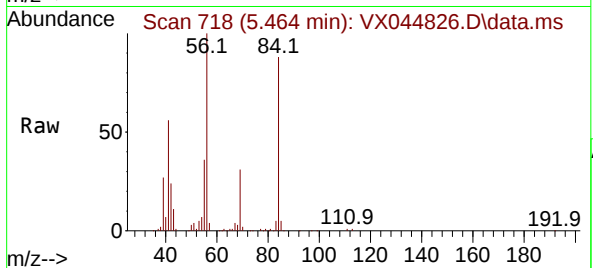
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.2	76.8





#31
Cyclohexane
Concen: 54.116 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

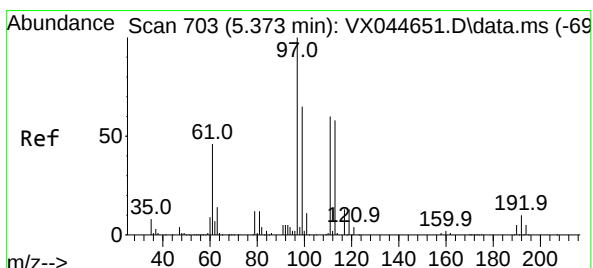
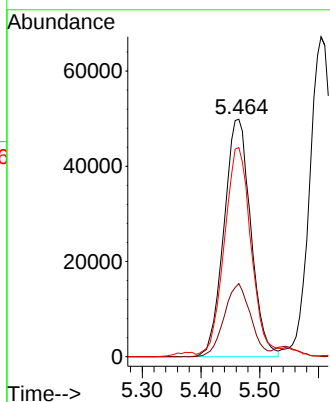
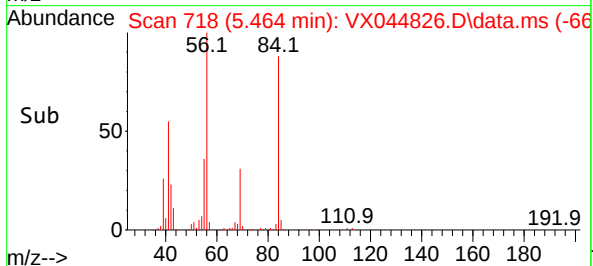
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



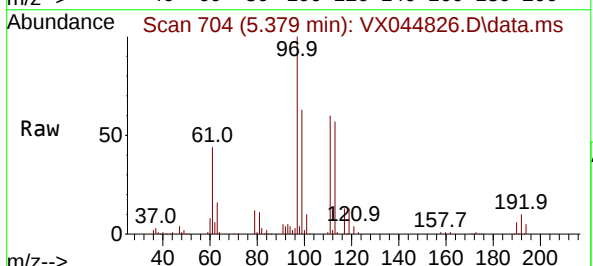
Tgt Ion: 56 Resp: 158290
Ion Ratio Lower Upper
56 100
69 30.8 26.8 40.2
84 86.6 71.0 106.4

Manual Integrations
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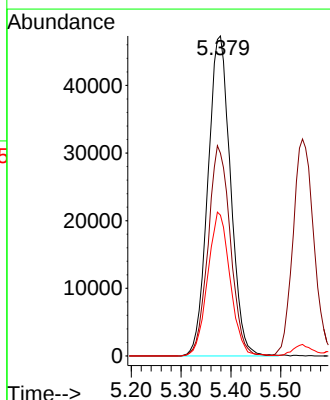
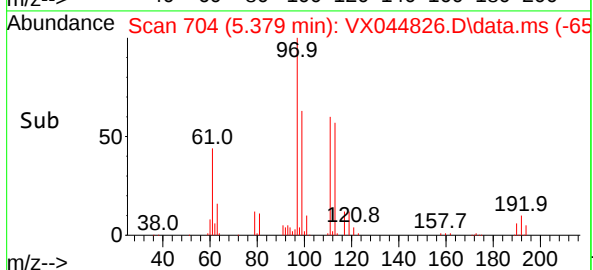
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

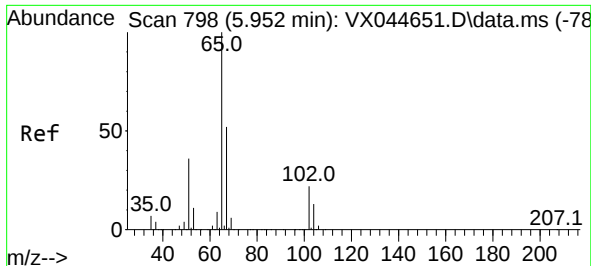


#32
1,1,1-Trichloroethane
Concen: 44.377 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37



Tgt Ion: 97 Resp: 148905
Ion Ratio Lower Upper
97 100
99 64.8 51.6 77.4
61 44.7 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 43.058 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 10002

Ion Ratio Lower Upper

65 100

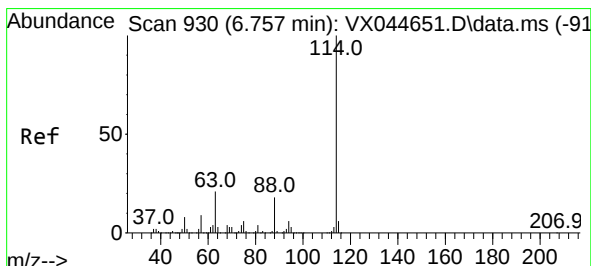
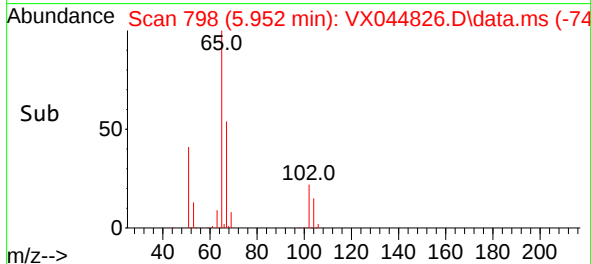
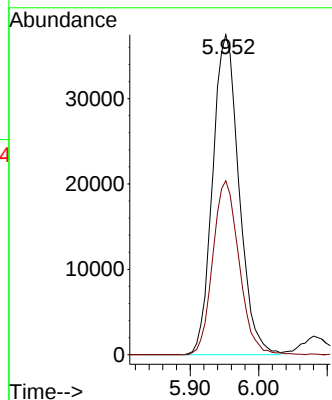
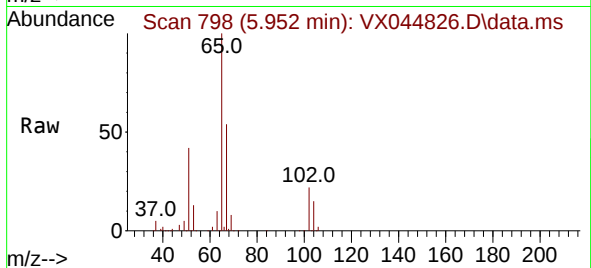
67 54.2 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

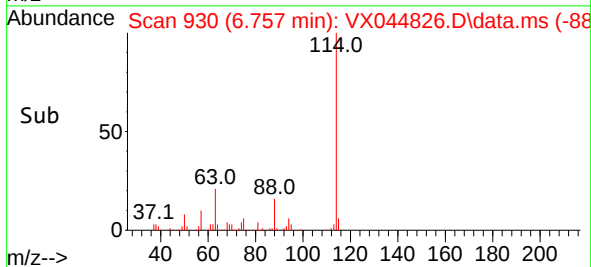
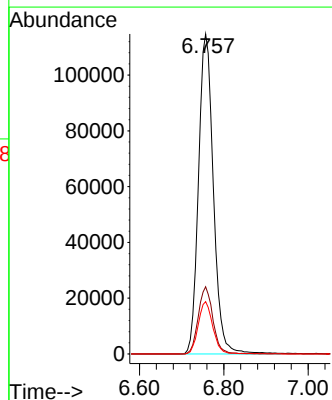
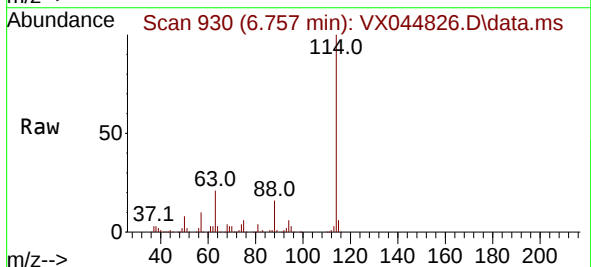
Tgt Ion:114 Resp: 282190

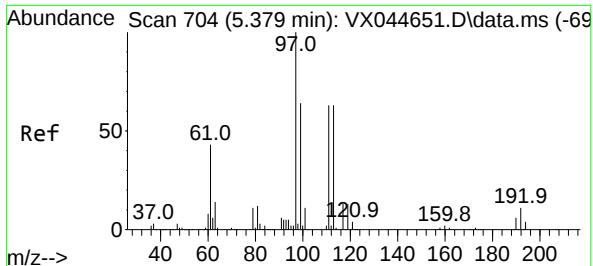
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.0

88 16.3 0.0 35.4





#35

Dibromofluoromethane

Concen: 47.314 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

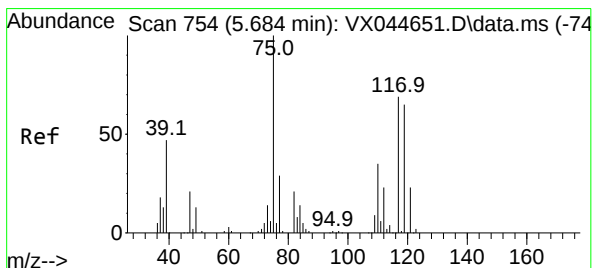
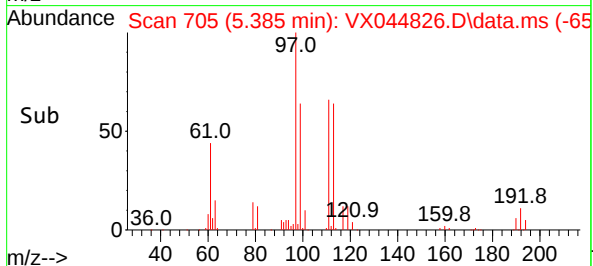
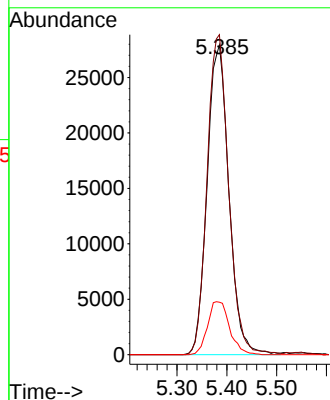
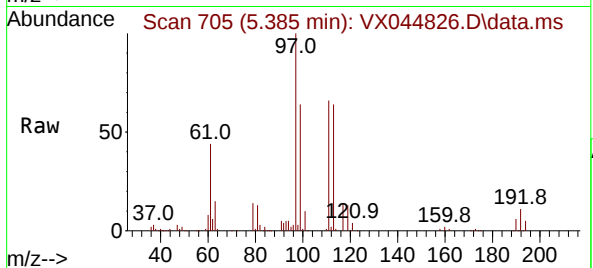
Tgt Ion:	113	Resp:	8482
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.6	122.4
192	17.2	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#36

1,1-Dichloropropene

Concen: 48.402 ug/l

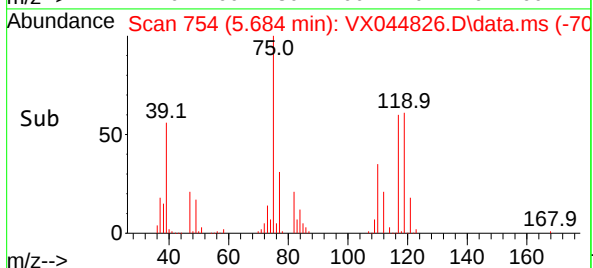
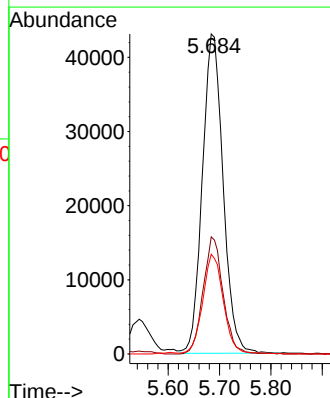
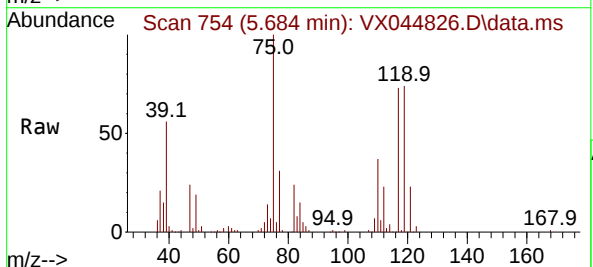
RT: 5.684 min Scan# 754

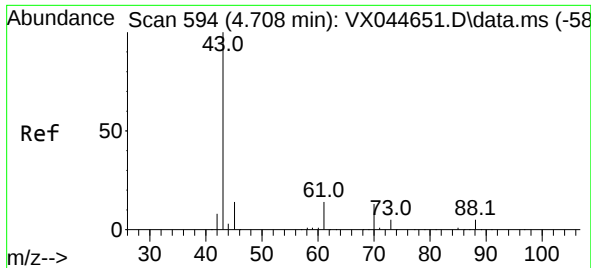
Delta R.T. -0.000 min

Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Tgt Ion:	75	Resp:	120787
Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.9	53.8
77	31.2	24.5	36.7





#37

Ethyl Acetate

Concen: 55.102 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 146434

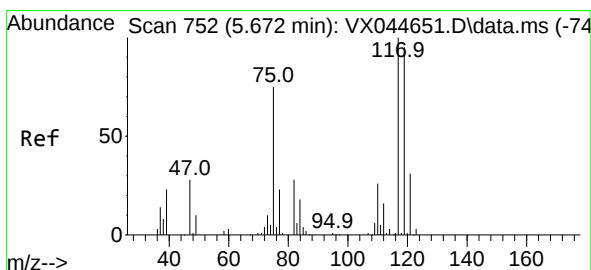
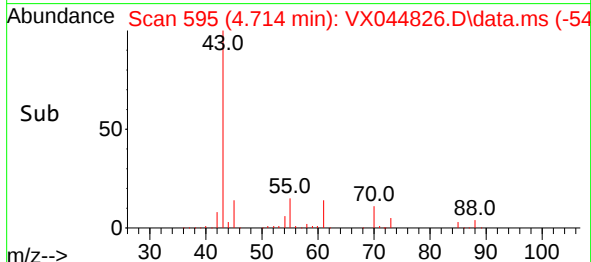
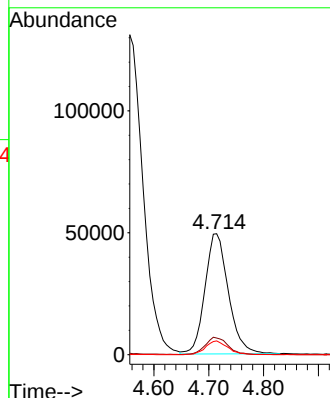
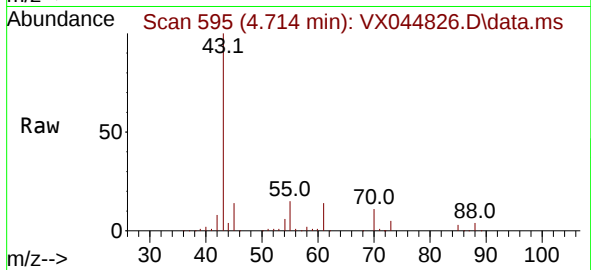
Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	10.8	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#38

Carbon Tetrachloride

Concen: 43.501 ug/l

RT: 5.672 min Scan# 752

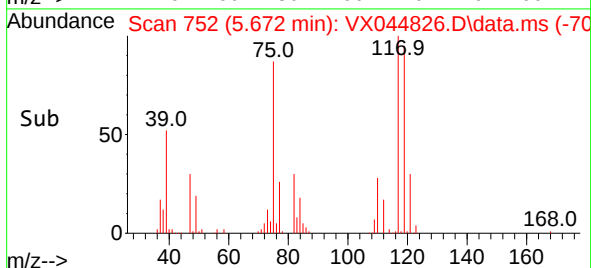
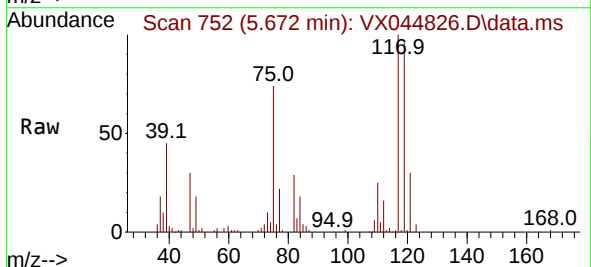
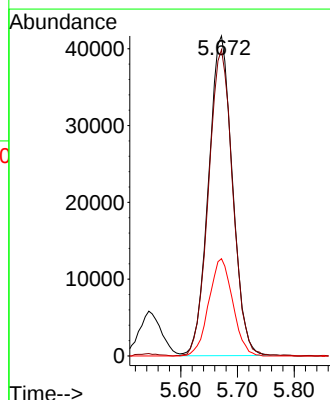
Delta R.T. -0.000 min

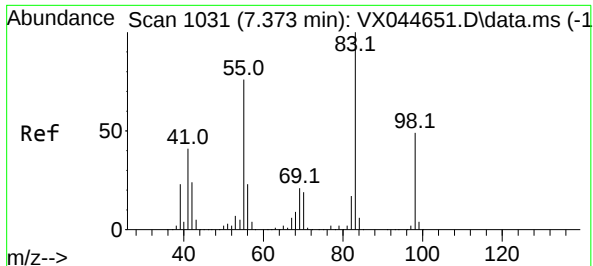
Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Tgt Ion:117 Resp: 122108

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.0	114.0
121	30.5	24.6	36.8





#39

Methylcyclohexane

Concen: 48.954 ug/l

RT: 7.372 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 162174

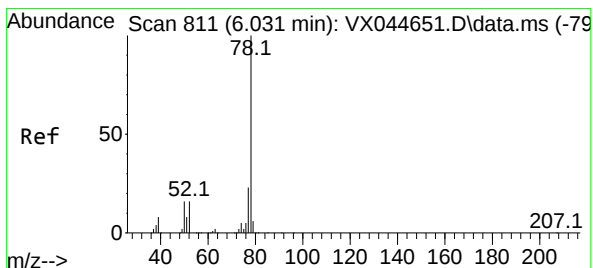
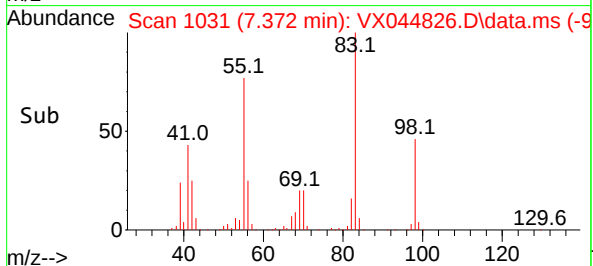
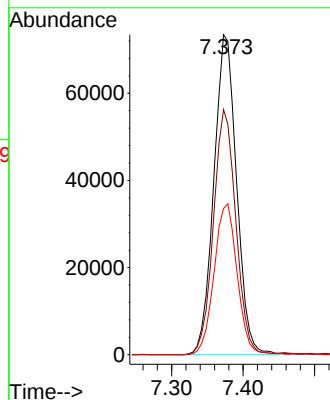
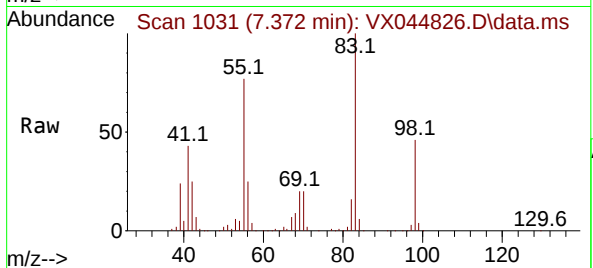
Ion	Ratio	Lower	Upper
83	100		
55	76.6	60.5	90.7
98	45.7	39.0	58.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#40

Benzene

Concen: 51.058 ug/l

RT: 6.031 min Scan# 811

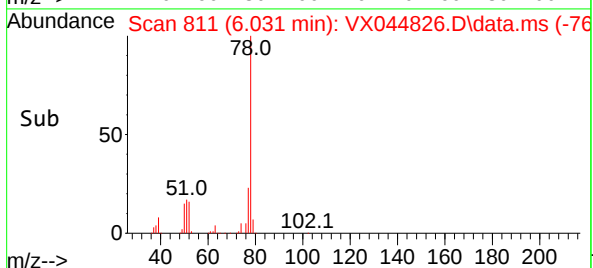
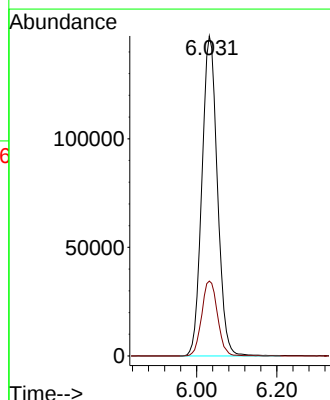
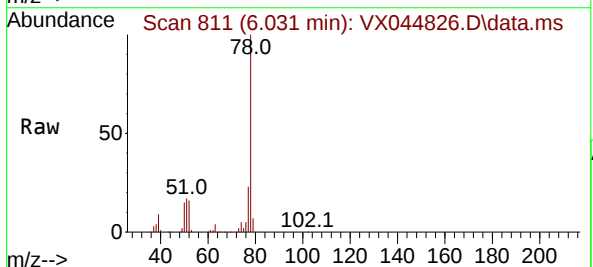
Delta R.T. -0.000 min

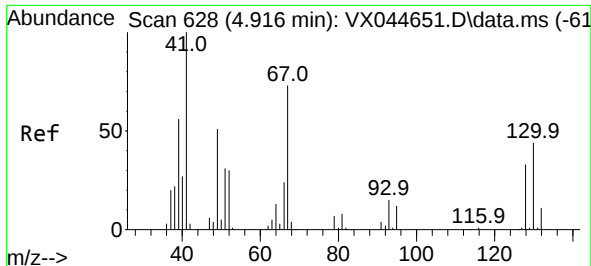
Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Tgt Ion: 78 Resp: 394829

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1





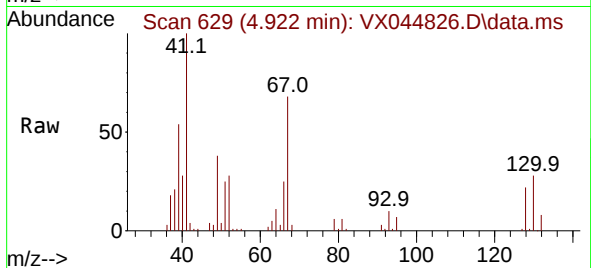
#41
Methacrylonitrile
Concen: 54.527 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



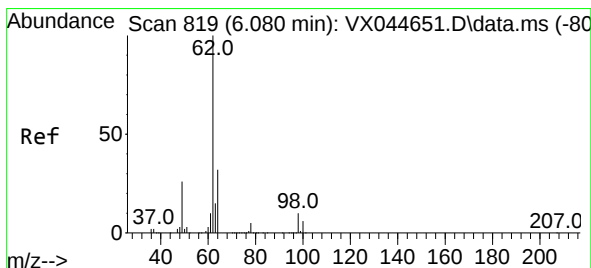
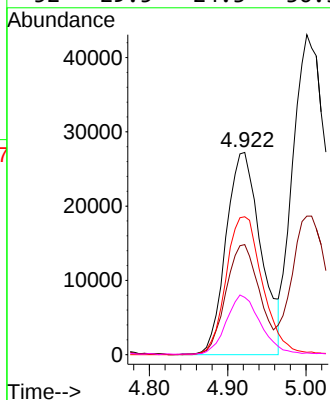
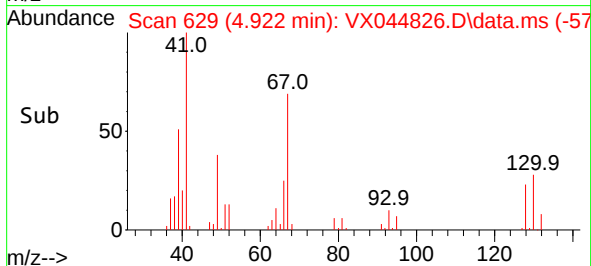
Tgt Ion: 41 Resp: 84439
Ion Ratio Lower Upper
41 100
39 52.3 44.4 66.6
67 71.4 60.6 90.8
52 29.5 24.3 36.5

Manual Integrations

APPROVED

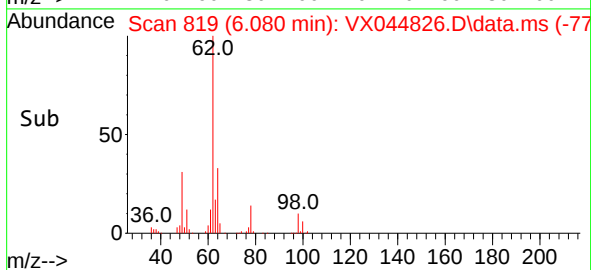
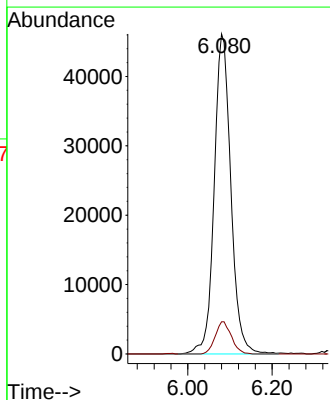
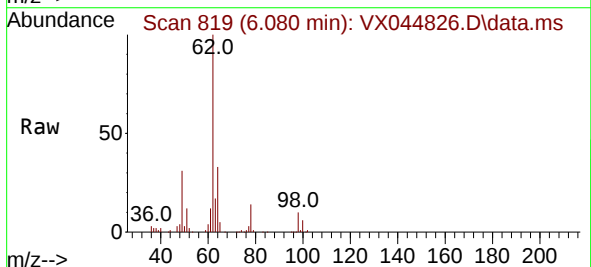
Reviewed By :John Carlone 02/04/2025

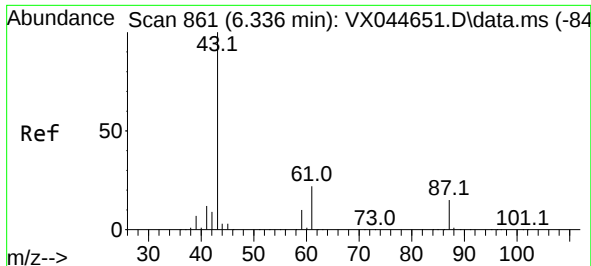
Supervised By :Mahesh Dadoda 02/04/2025



#42
1,2-Dichloroethane
Concen: 44.732 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

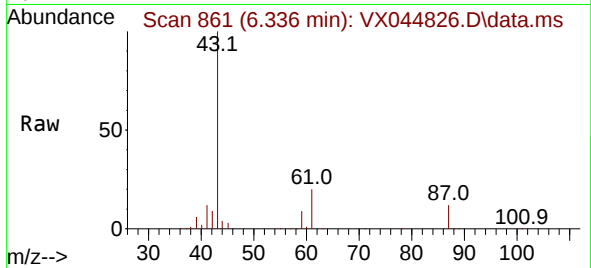
Tgt Ion: 62 Resp: 126251
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





#43
Isopropyl Acetate
Concen: 49.618 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

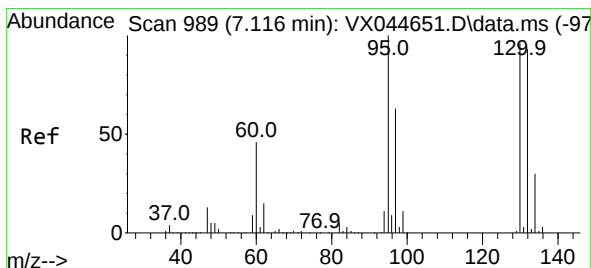
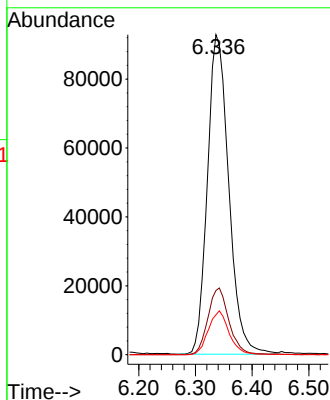
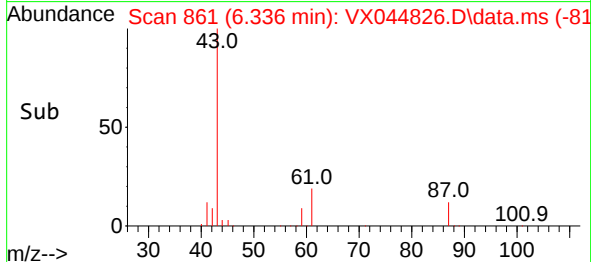
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 24257
Ion Ratio Lower Upper
43 100
61 20.5 16.6 24.8
87 13.3 11.0 16.6

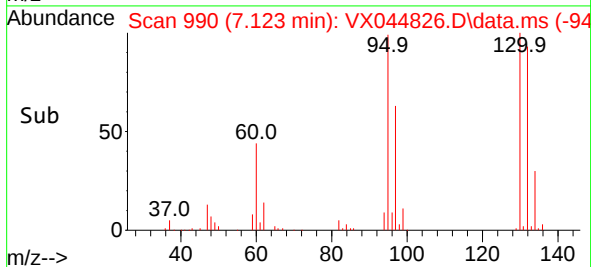
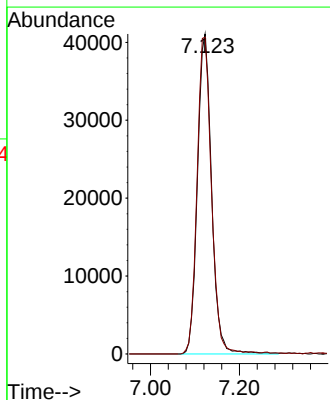
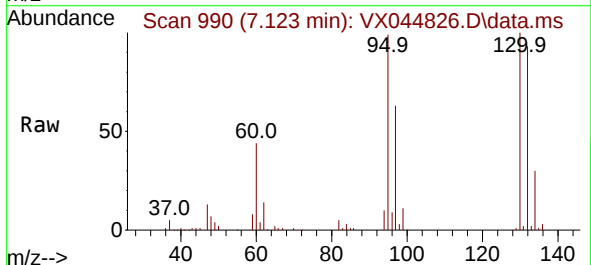
Manual Integrations
APPROVED

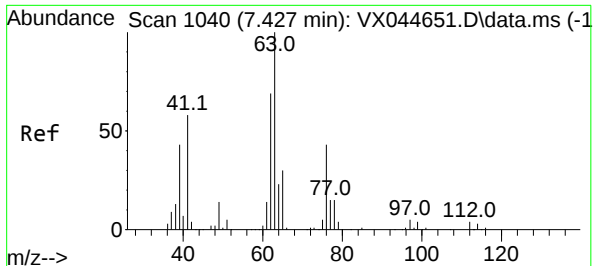
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#44
Trichloroethene
Concen: 48.936 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

Tgt Ion:130 Resp: 90974
Ion Ratio Lower Upper
130 100
95 99.0 0.0 208.2





#45

1,2-Dichloropropane

Concen: 51.318 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 9989

Ion Ratio Lower Upper

63 100

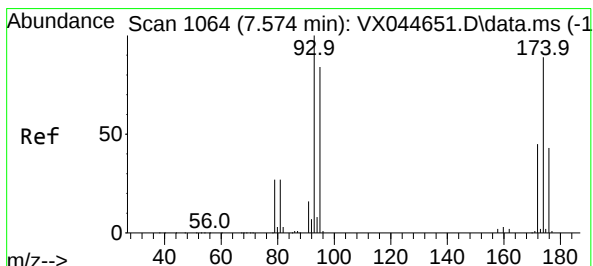
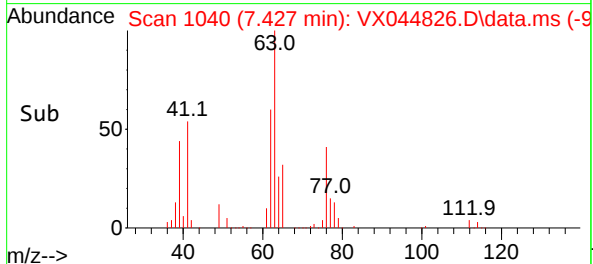
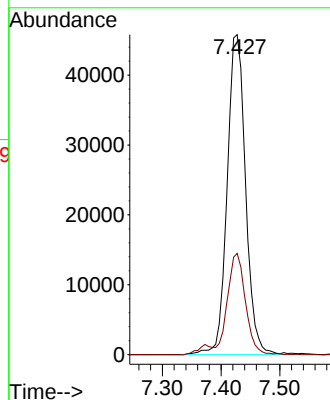
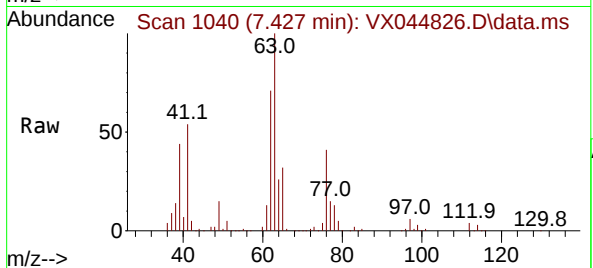
65 31.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#46

Dibromomethane

Concen: 46.139 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

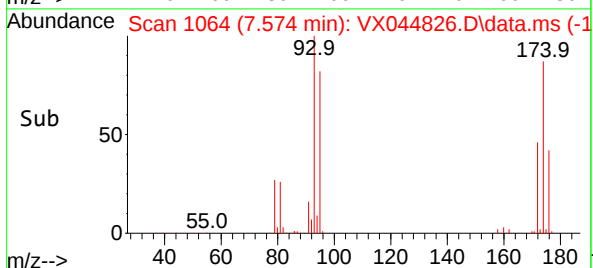
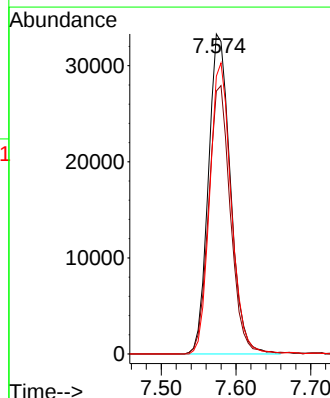
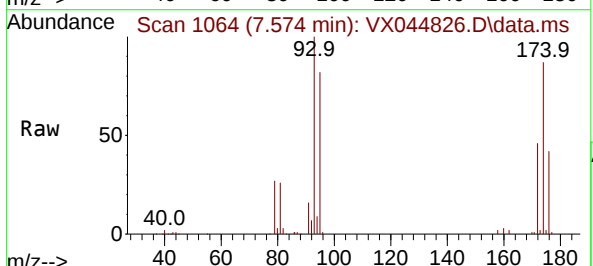
Tgt Ion: 93 Resp: 68368

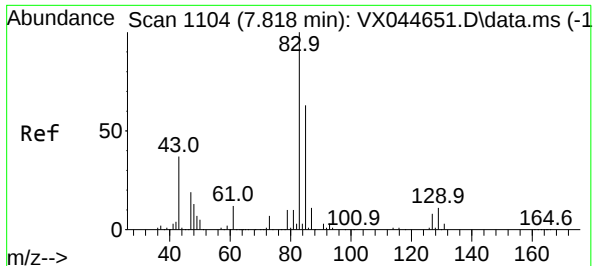
Ion Ratio Lower Upper

93 100

95 83.1 66.4 99.6

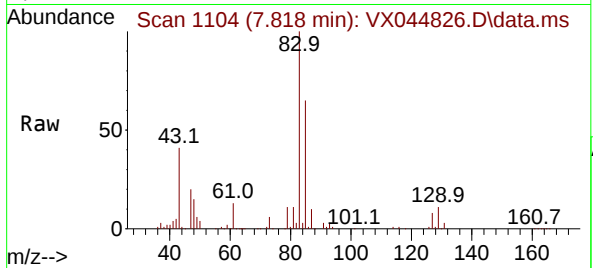
174 88.3 72.0 108.0





#47
Bromodichloromethane
Concen: 44.363 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

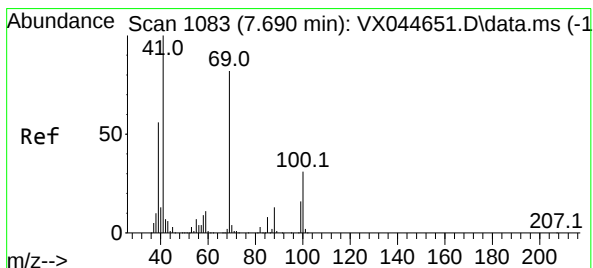
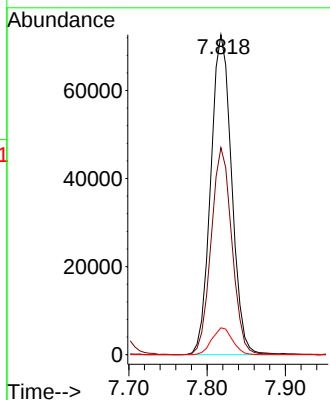
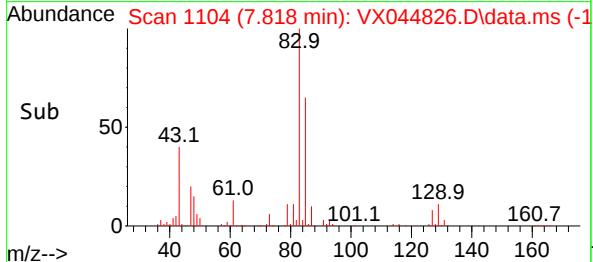
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 134812
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.4 6.5 9.7

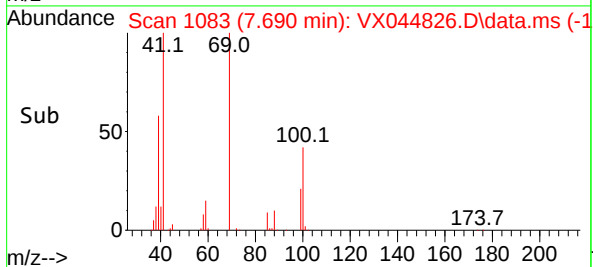
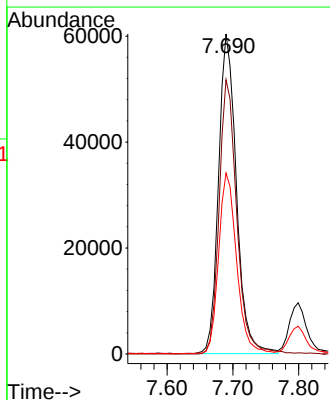
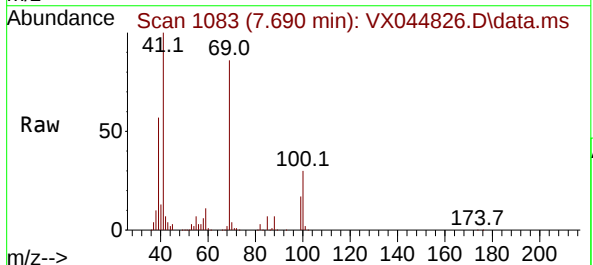
Manual Integrations
APPROVED

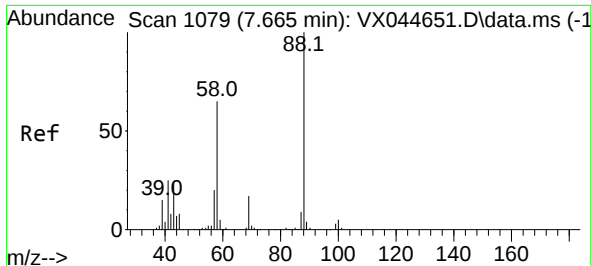
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#48
Methyl methacrylate
Concen: 50.338 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

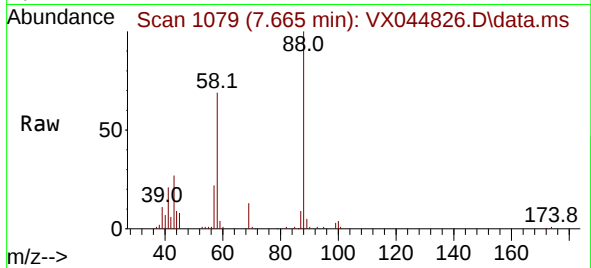
Tgt Ion: 41 Resp: 114233
Ion Ratio Lower Upper
41 100
69 84.9 66.8 100.2
39 56.8 47.4 71.0





#49
1,4-Dioxane
Concen: 922.177 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

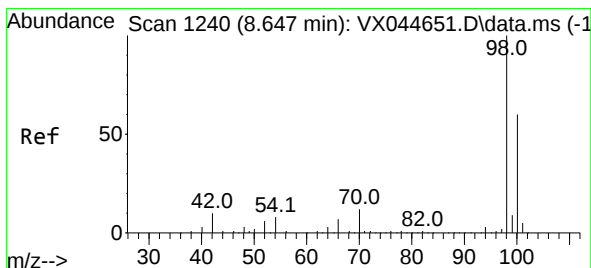
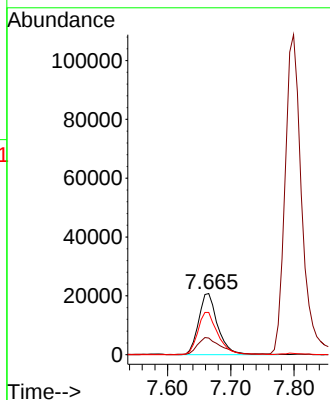
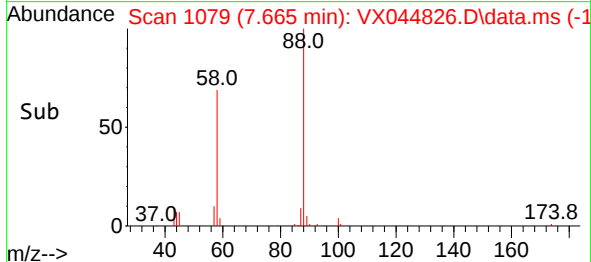
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 4366
Ion Ratio Lower Upper
88 100
43 33.4 27.0 40.4
58 72.5 55.8 83.8

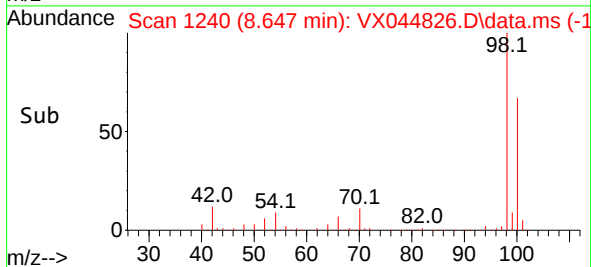
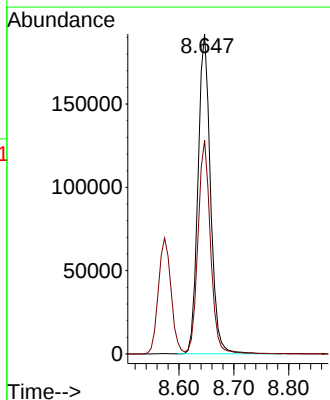
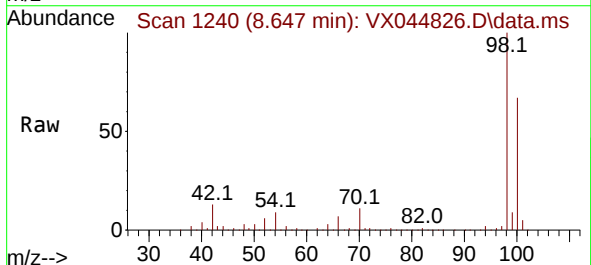
Manual Integrations
APPROVED

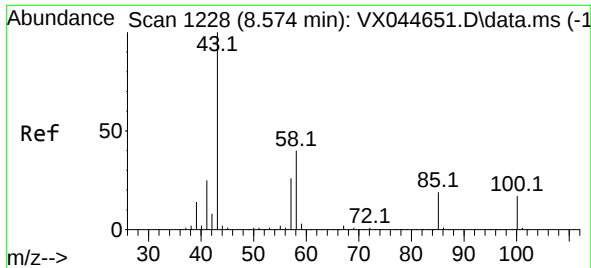
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#50
Toluene-d8
Concen: 48.824 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

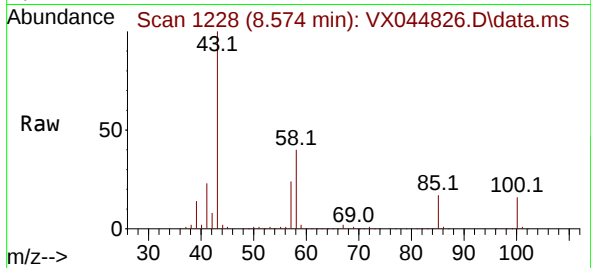
Tgt Ion: 98 Resp: 305193
Ion Ratio Lower Upper
98 100
100 66.7 53.2 79.8





#51
4-Methyl-2-Pentanone
Concen: 268.957 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

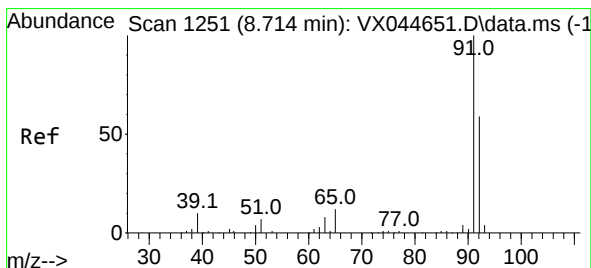
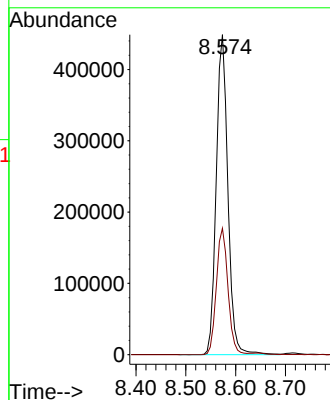
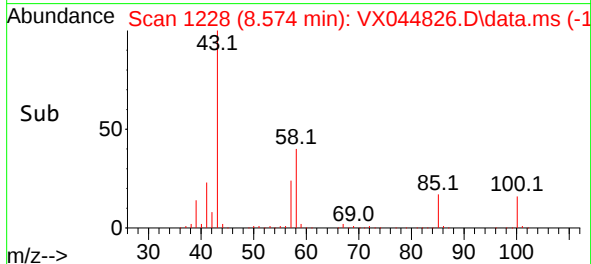
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 726639
Ion Ratio Lower Upper
43 100
58 39.4 31.9 47.9

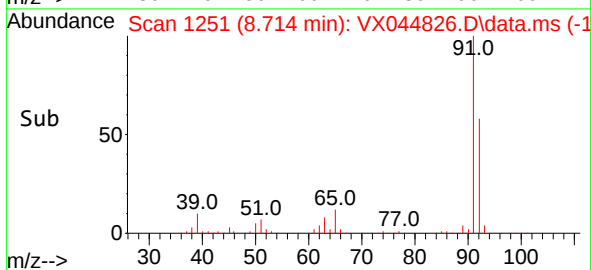
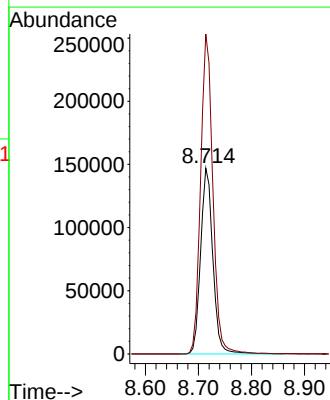
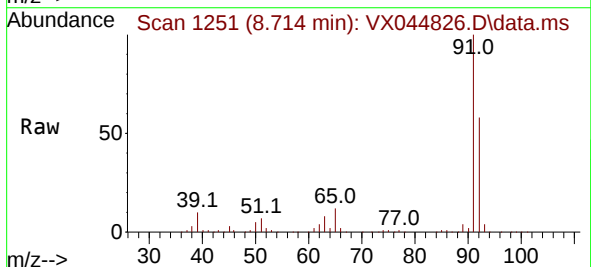
Manual Integrations
APPROVED

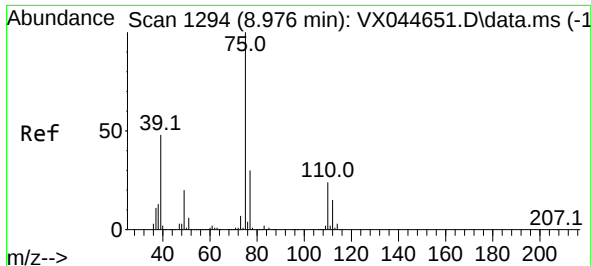
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#52
Toluene
Concen: 49.692 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

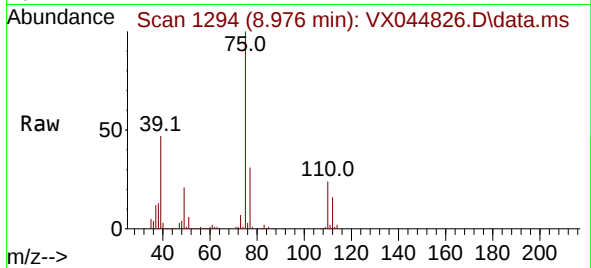
Tgt Ion: 92 Resp: 235196
Ion Ratio Lower Upper
92 100
91 172.3 135.7 203.5





#53
t-1,3-Dichloropropene
Concen: 44.746 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

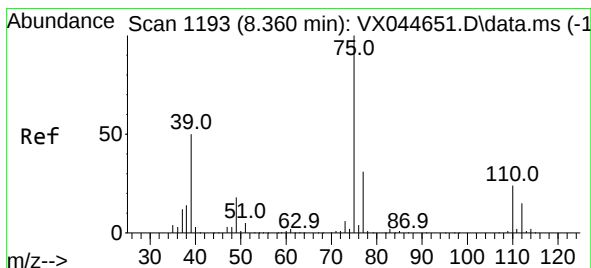
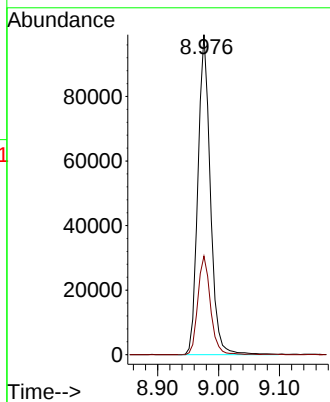
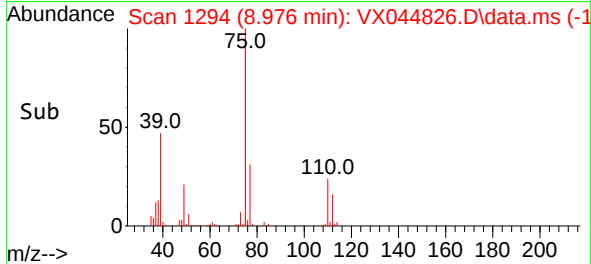
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 140485
Ion Ratio Lower Upper
75 100
77 30.8 24.4 36.6

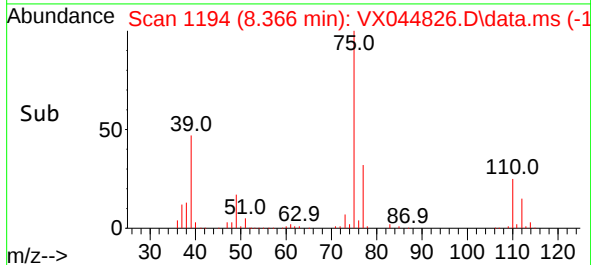
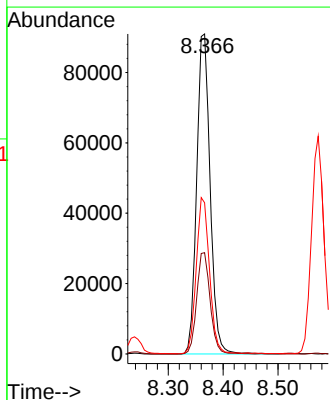
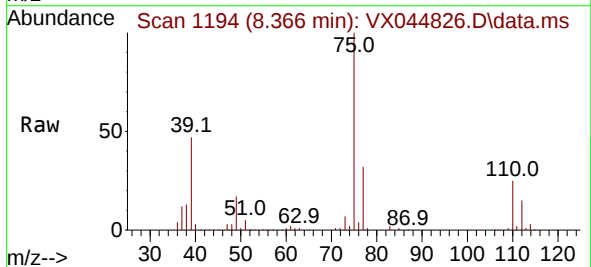
Manual Integrations
APPROVED

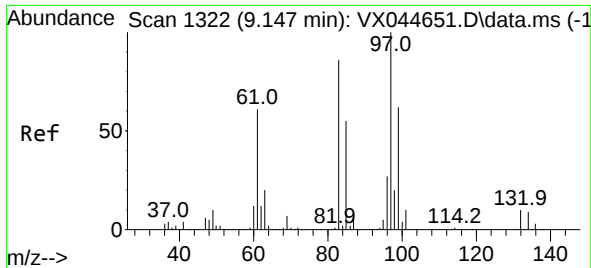
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#54
cis-1,3-Dichloropropene
Concen: 45.600 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

Tgt Ion: 75 Resp: 155237
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7
39 47.2 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 48.290 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

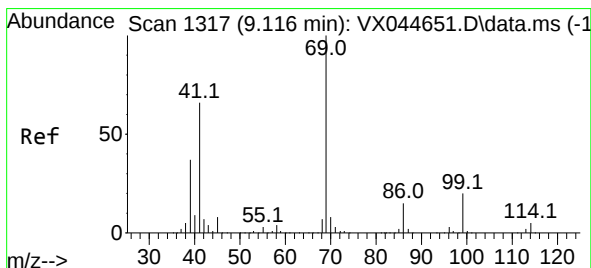
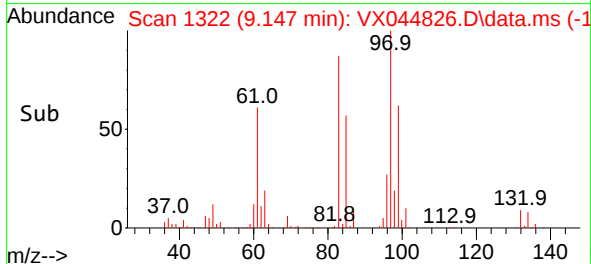
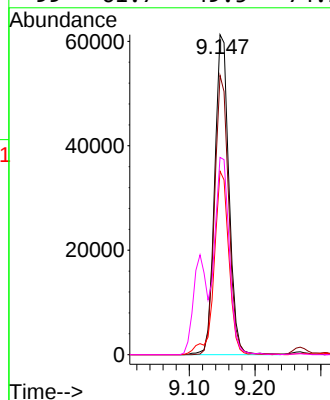
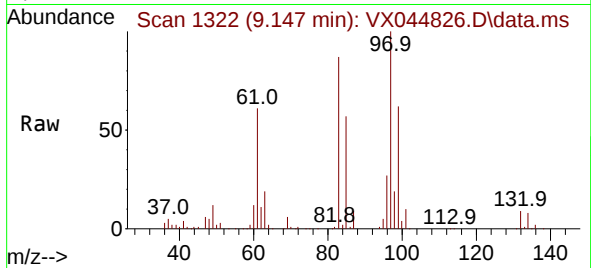
Tgt Ion: 97 Resp: 9247
Ion Ratio Lower Upper
97 100
83 87.3 68.8 103.2
85 57.3 43.7 65.5
99 61.7 49.5 74.3

Manual Integrations

APPROVED

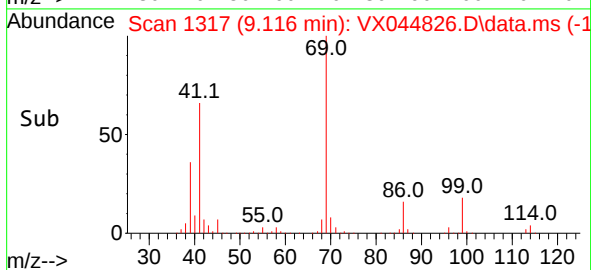
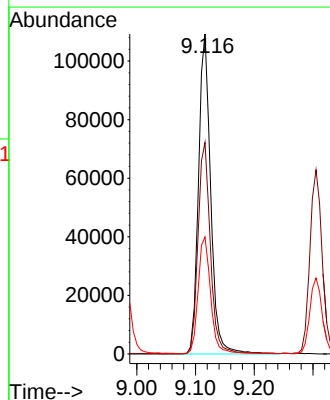
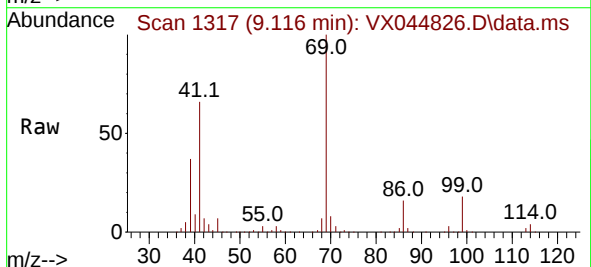
Reviewed By :John Carlone 02/04/2025

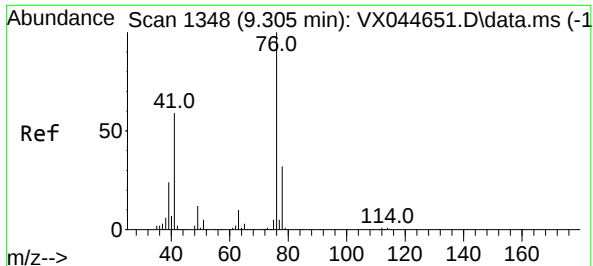
Supervised By :Mahesh Dadoda 02/04/2025



#56
Ethyl methacrylate
Concen: 47.966 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

Tgt Ion: 69 Resp: 157931
Ion Ratio Lower Upper
69 100
41 67.1 53.2 79.8
39 37.3 30.2 45.2





#57

1,3-Dichloropropane

Concen: 49.558 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 161600

Ion Ratio Lower Upper

76 100

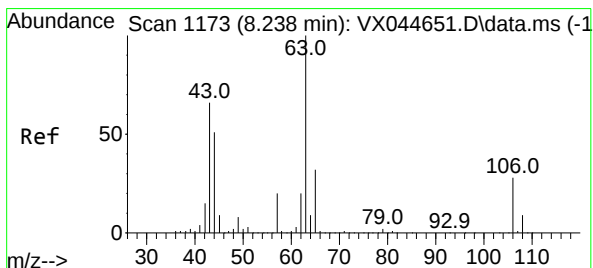
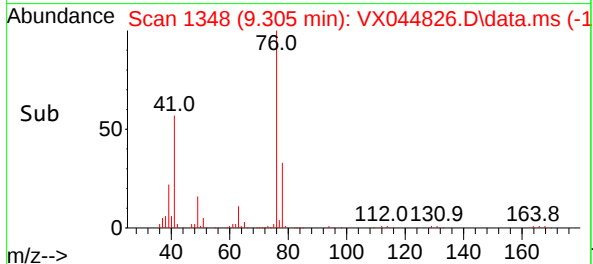
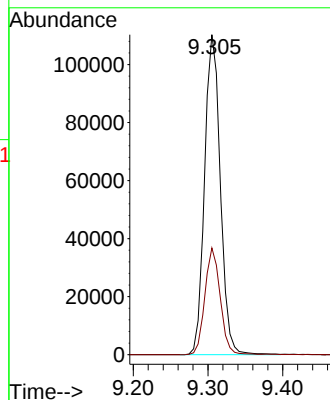
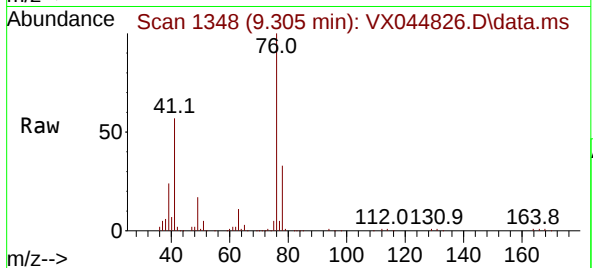
78 32.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#58

2-Chloroethyl Vinyl ether

Concen: 236.583 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX044826.D

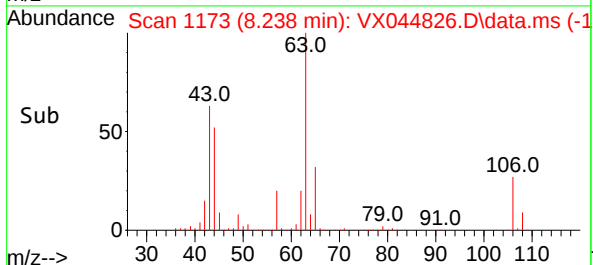
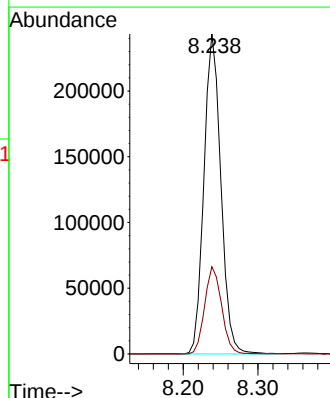
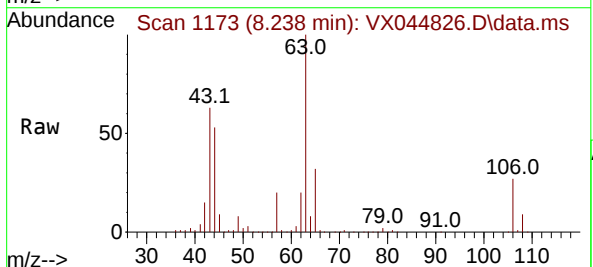
Acq: 03 Feb 2025 19:37

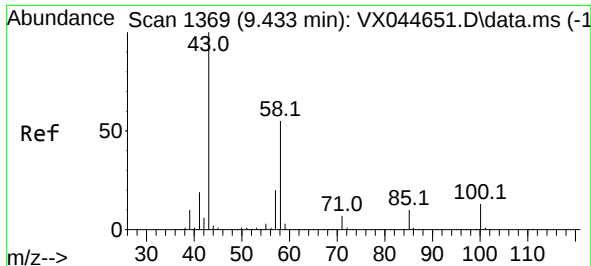
Tgt Ion: 63 Resp: 382428

Ion Ratio Lower Upper

63 100

106 27.4 23.0 34.6





#59

2-Hexanone

Concen: 267.574 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 53184

Ion Ratio Lower Upper

43 100

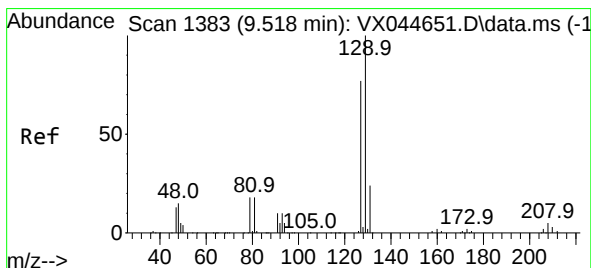
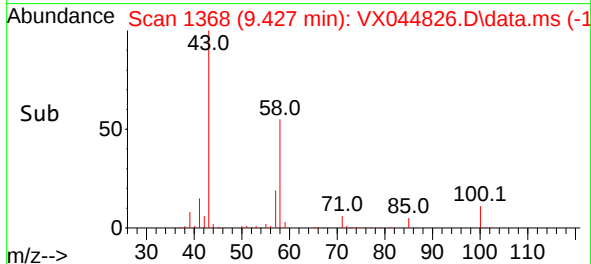
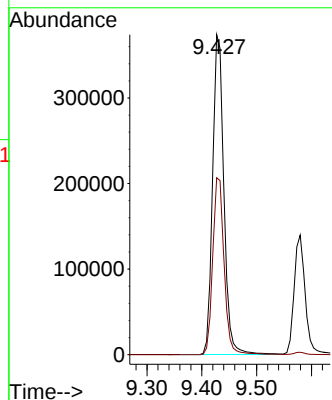
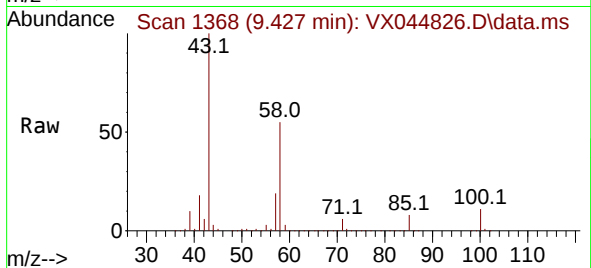
58 55.9 27.8 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#60

Dibromochloromethane

Concen: 44.463 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX044826.D

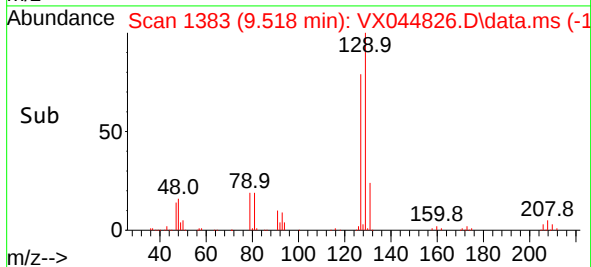
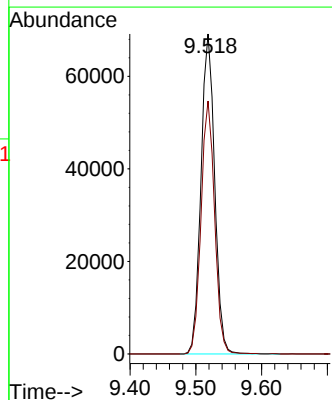
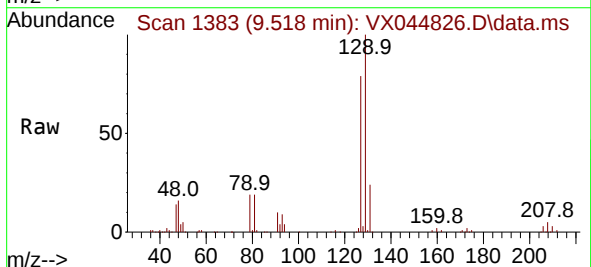
Acq: 03 Feb 2025 19:37

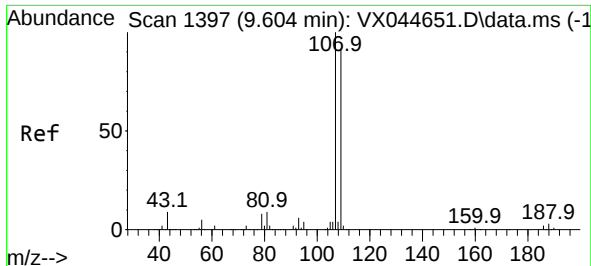
Tgt Ion:129 Resp: 99934

Ion Ratio Lower Upper

129 100

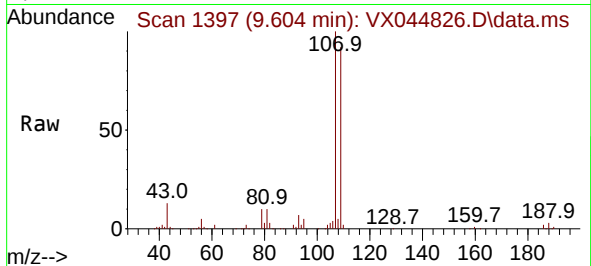
127 78.3 38.5 115.5





#61
1,2-Dibromoethane
Concen: 47.011 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

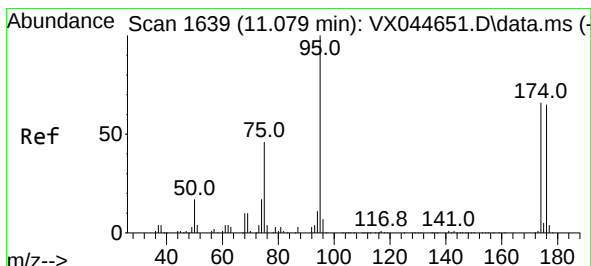
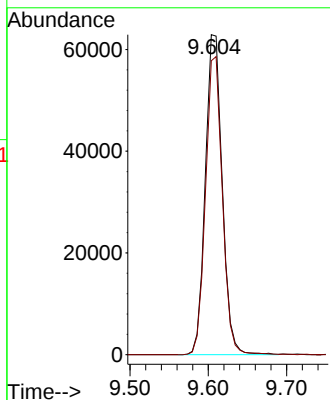
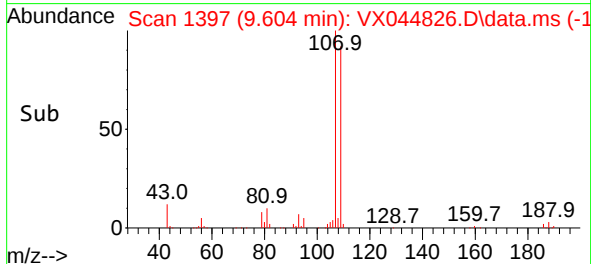
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 9434
Ion Ratio Lower Upper
107 100
109 92.6 75.3 112.9

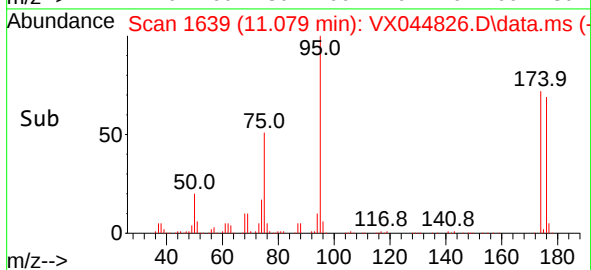
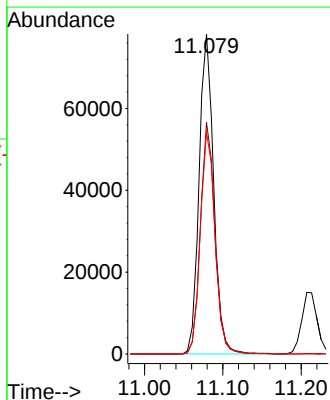
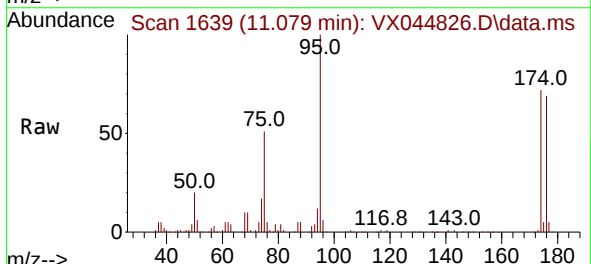
Manual Integrations
APPROVED

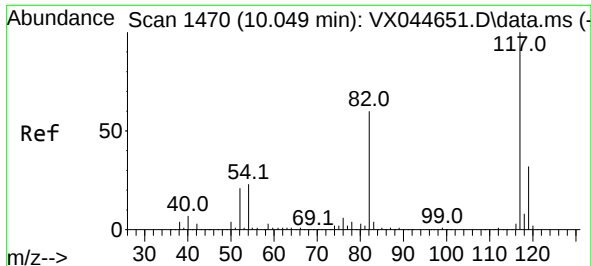
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#62
4-Bromofluorobenzene
Concen: 43.221 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

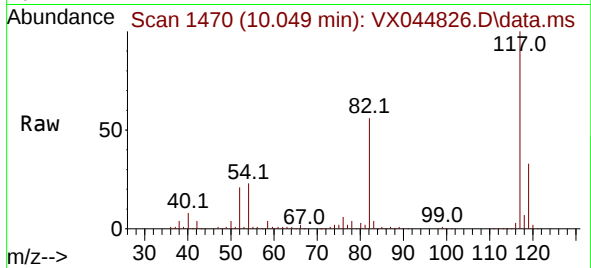
Tgt Ion: 95 Resp: 100716
Ion Ratio Lower Upper
95 100
174 72.4 0.0 133.0
176 69.9 0.0 129.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

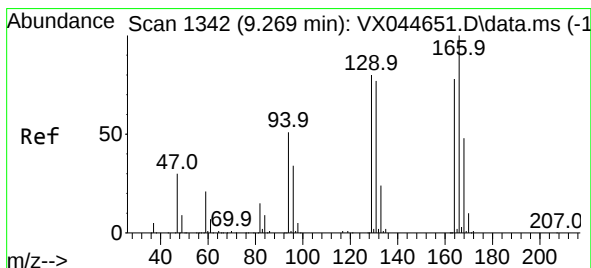
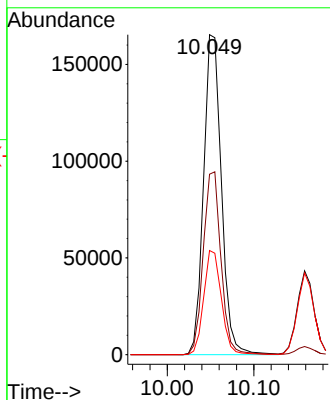
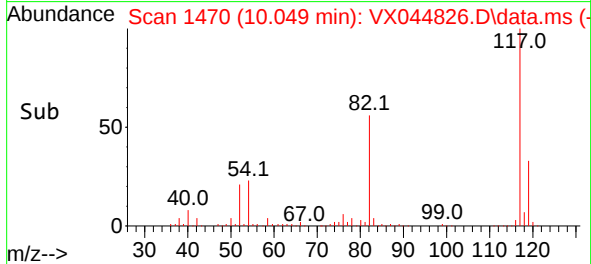
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 236763
Ion Ratio Lower Upper
117 100
82 56.4 47.6 71.4
119 32.6 25.4 38.2

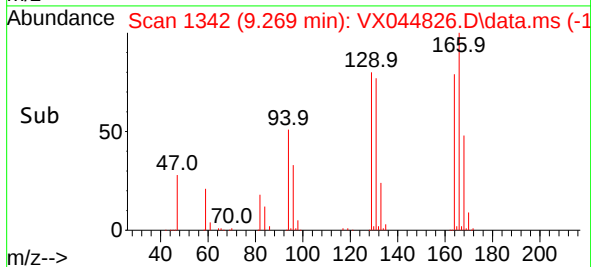
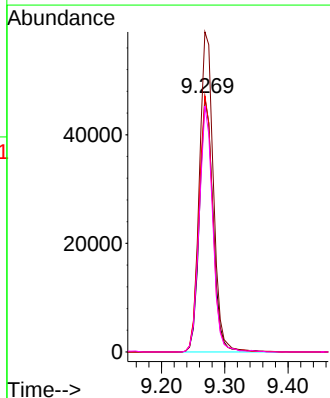
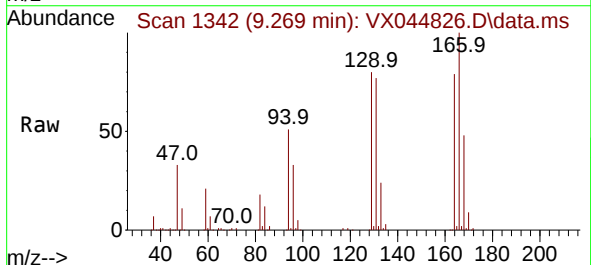
Manual Integrations
APPROVED

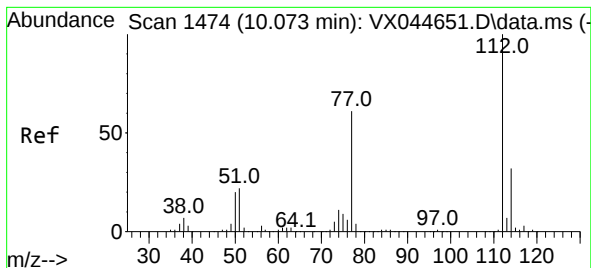
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#64
Tetrachloroethene
Concen: 47.277 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

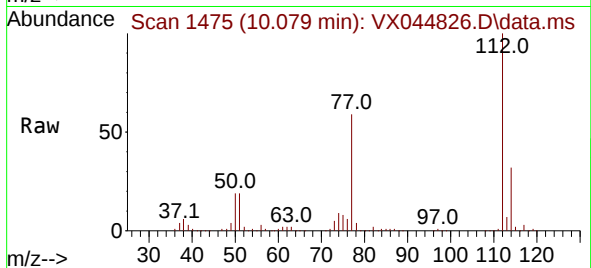
Tgt Ion:164 Resp: 70288
Ion Ratio Lower Upper
164 100
166 126.0 102.0 153.0
129 100.8 81.1 121.7
131 96.9 79.0 118.6





#65
Chlorobenzene
Concen: 48.892 ug/l
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

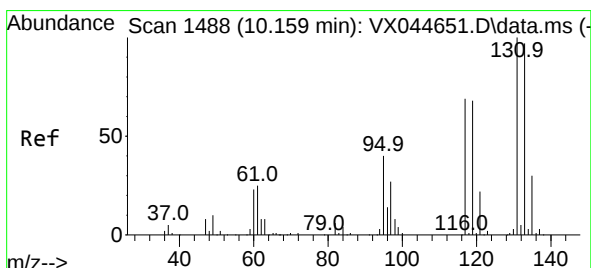
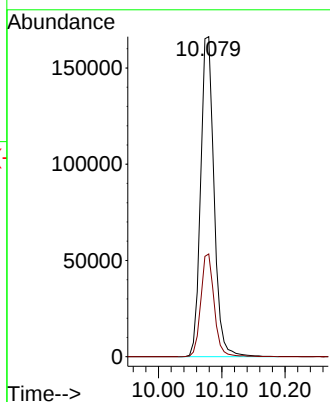
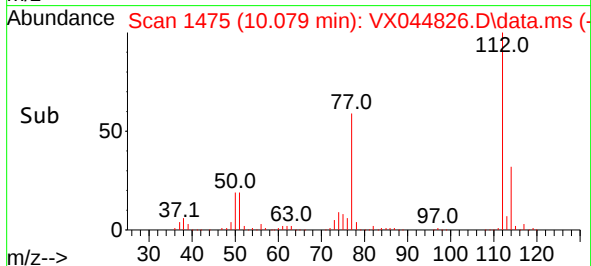
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



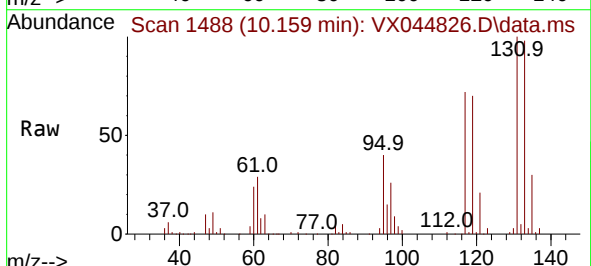
Tgt Ion:112 Resp: 245879
Ion Ratio Lower Upper
112 100
114 32.1 25.3 37.9

Manual Integrations
APPROVED

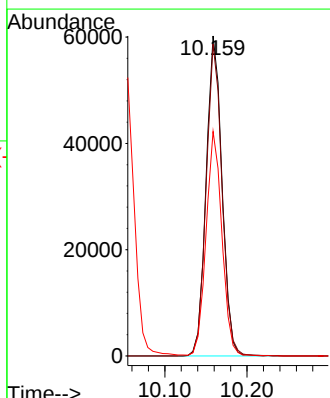
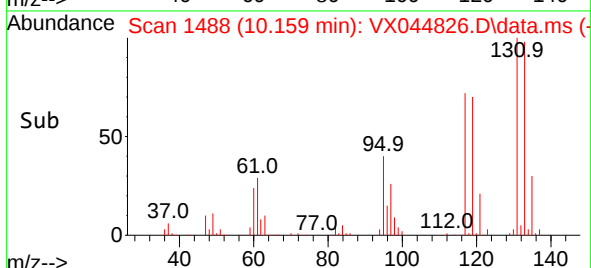
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

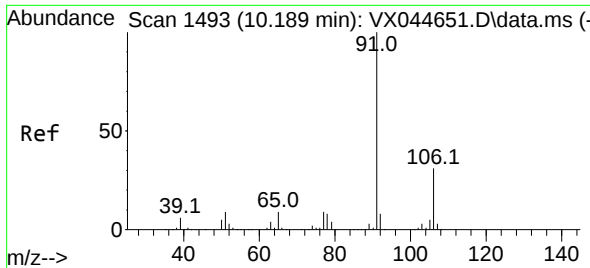


#66
1,1,1,2-Tetrachloroethane
Concen: 44.159 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37



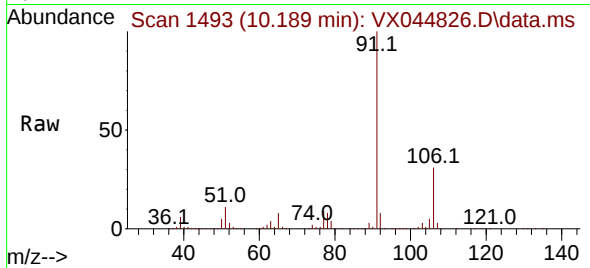
Tgt Ion:131 Resp: 80707
Ion Ratio Lower Upper
131 100
133 97.1 47.8 143.3
119 70.3 33.4 100.2





#67
Ethyl Benzene
Concen: 49.861 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

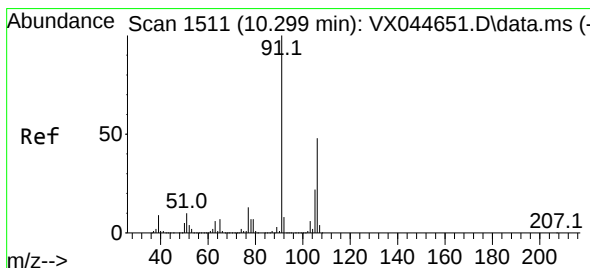
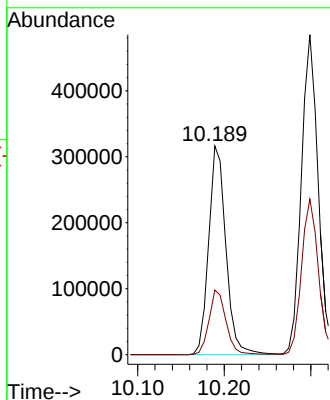
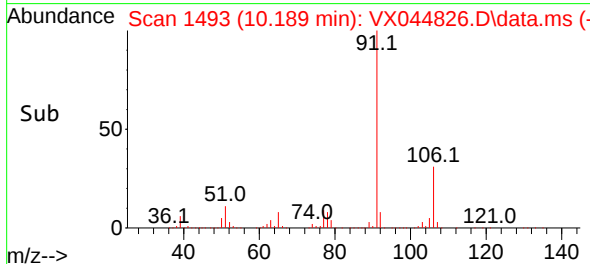
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



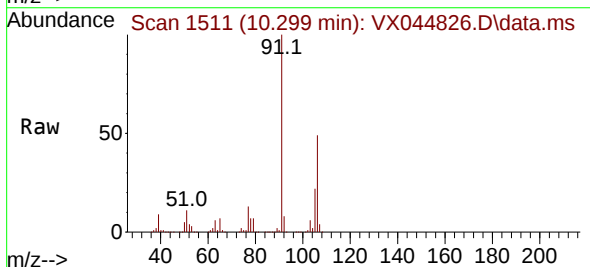
Tgt Ion: 91 Resp: 437529
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6

Manual Integrations
APPROVED

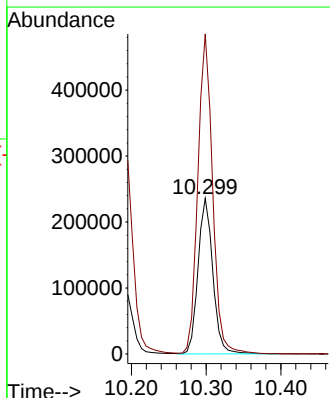
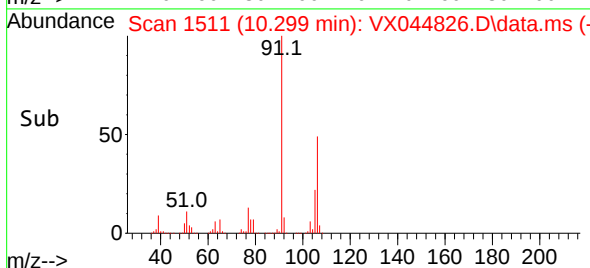
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

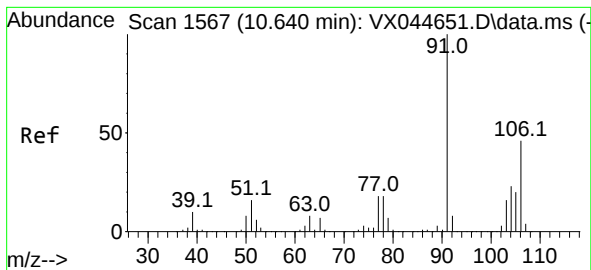


#68
m/p-Xylenes
Concen: 99.701 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37



Tgt Ion:106 Resp: 324650
Ion Ratio Lower Upper
106 100
91 204.8 166.4 249.6





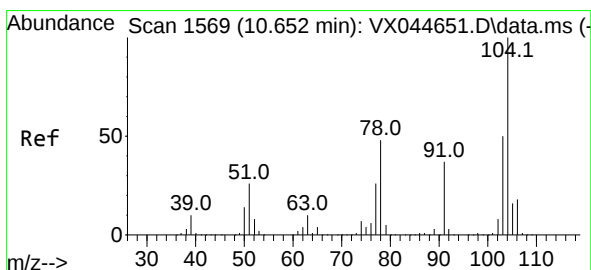
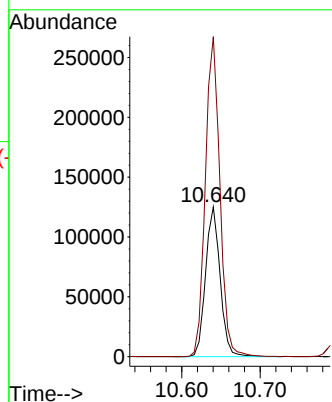
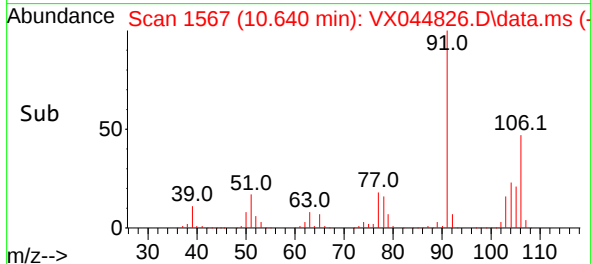
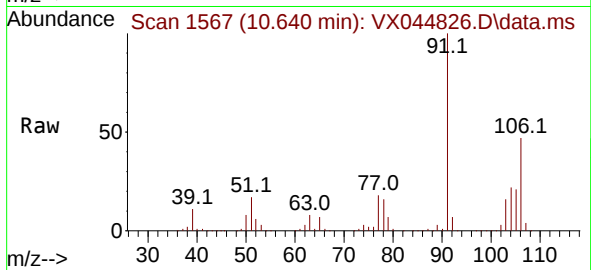
#69
o-Xylene
Concen: 48.934 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 16114
Ion Ratio Lower Upper
106 100
91 213.7 108.7 326.3

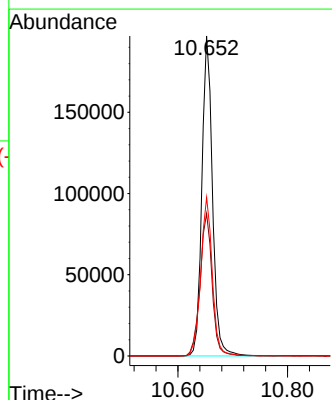
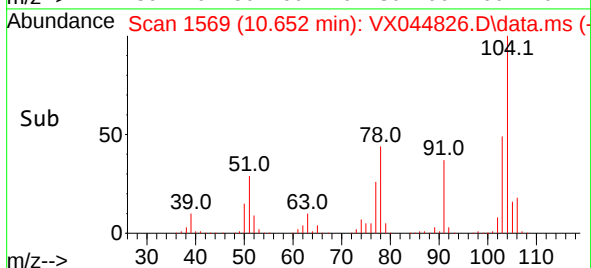
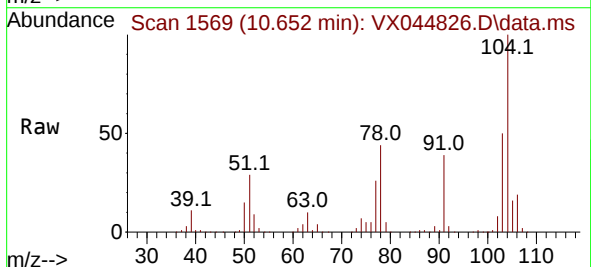
Manual Integrations
APPROVED

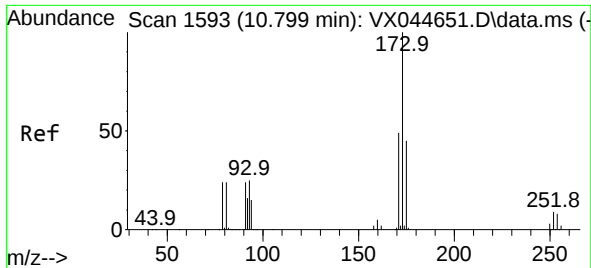
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#70
Styrene
Concen: 49.827 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

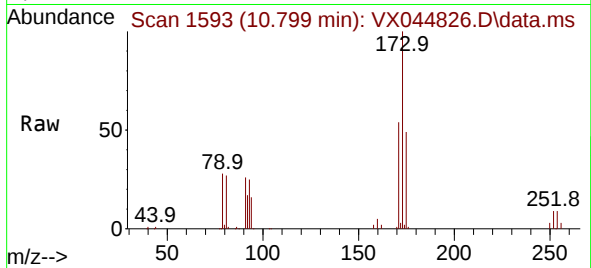
Tgt Ion:104 Resp: 264917
Ion Ratio Lower Upper
104 100
78 50.5 43.0 64.6
103 54.2 43.4 65.2





#71
Bromoform
Concen: 42.755 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

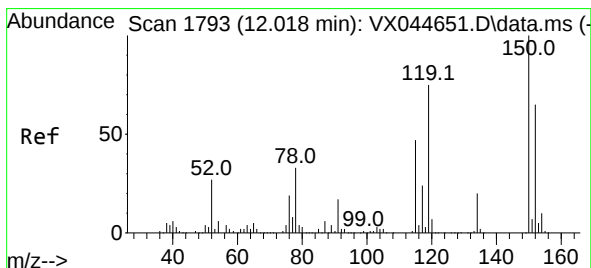
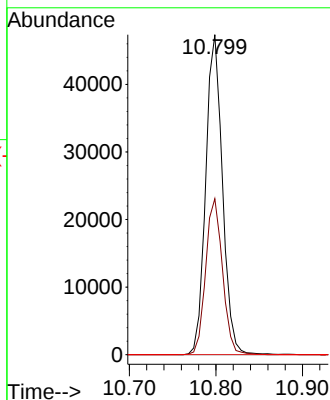
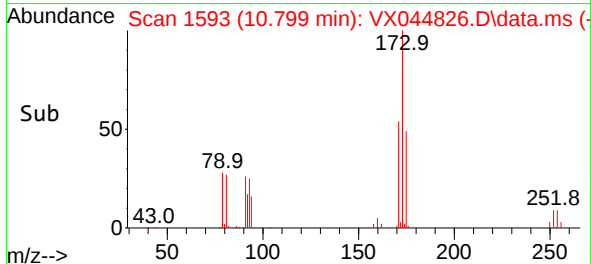
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 63599
Ion Ratio Lower Upper
173 100
175 49.0 23.6 70.8
254 0.0 0.1 0.1

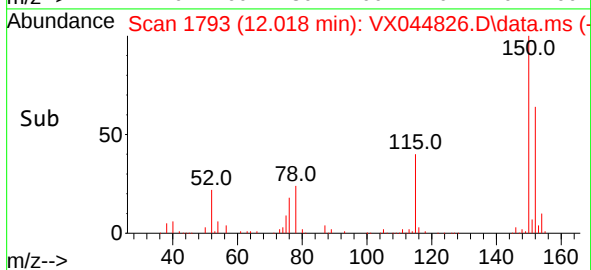
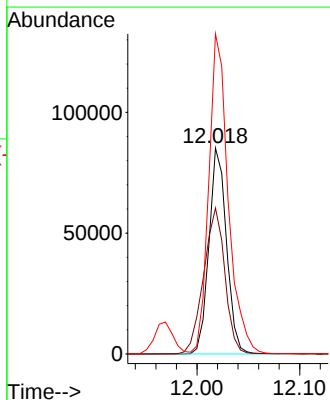
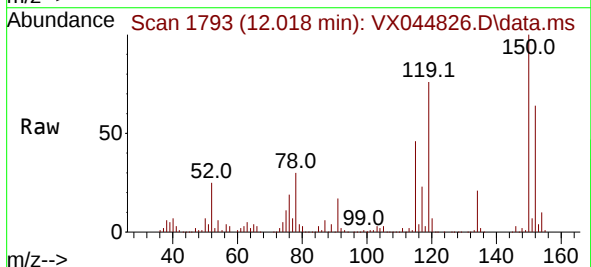
Manual Integrations
APPROVED

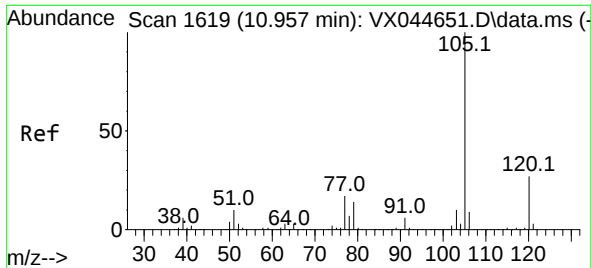
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

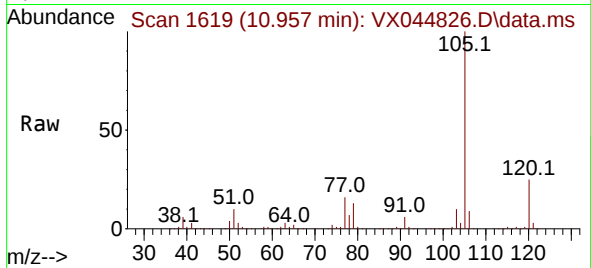
Tgt Ion:152 Resp: 101428
Ion Ratio Lower Upper
152 100
115 86.1 43.8 131.4
150 171.4 0.0 347.8





#73
Isopropylbenzene
Concen: 49.285 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

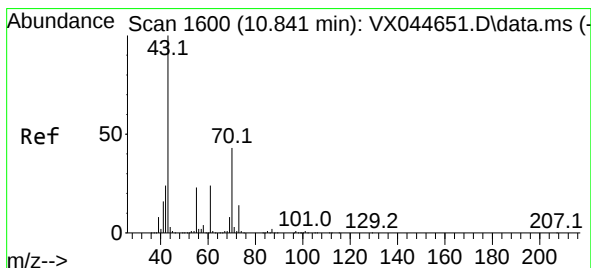
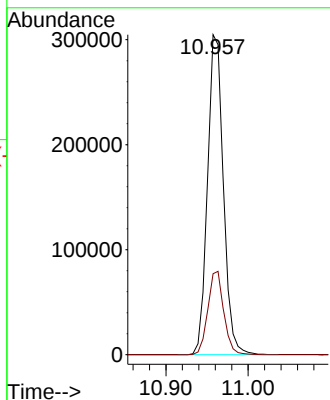
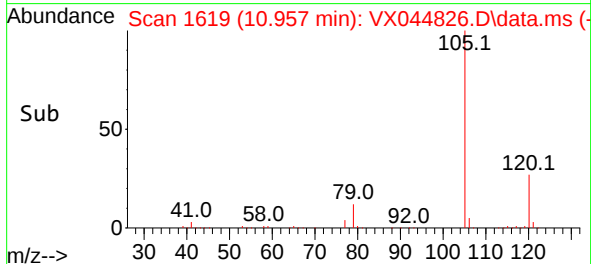
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



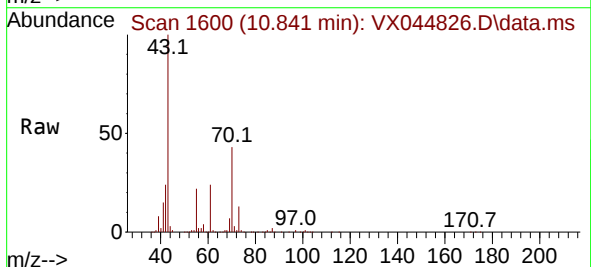
Tgt Ion:105 Resp: 408375
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.6

Manual Integrations
APPROVED

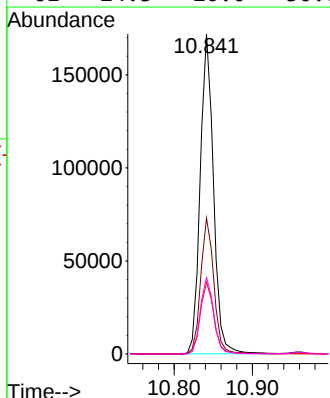
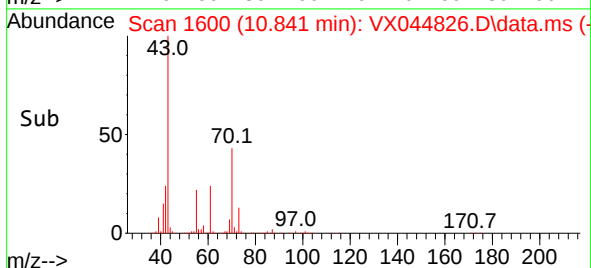
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

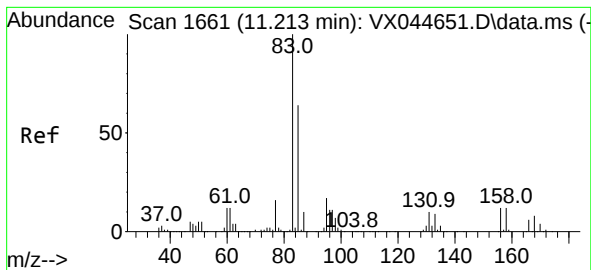


#74
N-ethyl acetate
Concen: 49.513 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37



Tgt Ion: 43 Resp: 202220
Ion Ratio Lower Upper
43 100
70 42.4 35.2 52.8
55 23.0 19.0 28.4
61 24.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.712 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. -0.006 min

Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 14226

Ion Ratio Lower Upper

83 100

131 8.8 5.0 14.9

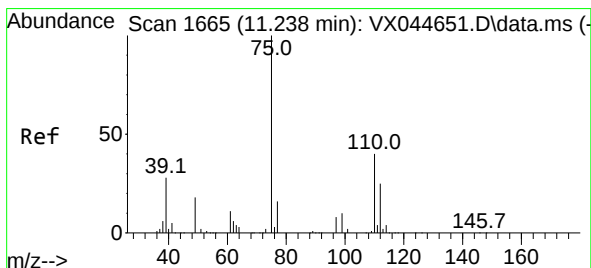
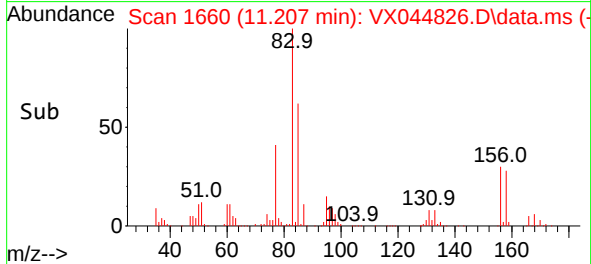
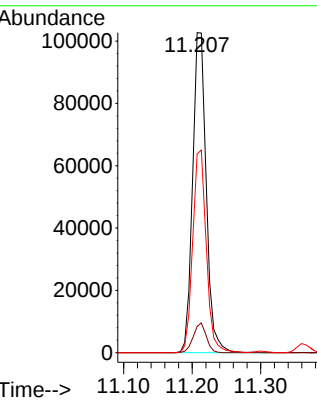
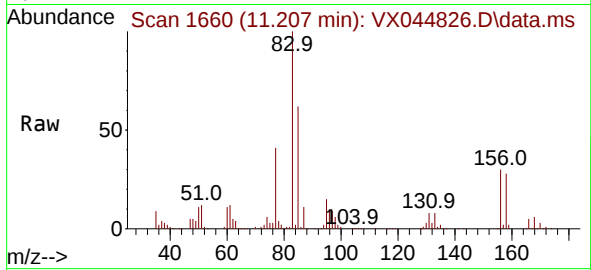
85 63.2 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#76

1,2,3-Trichloropropane

Concen: 46.535 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044826.D

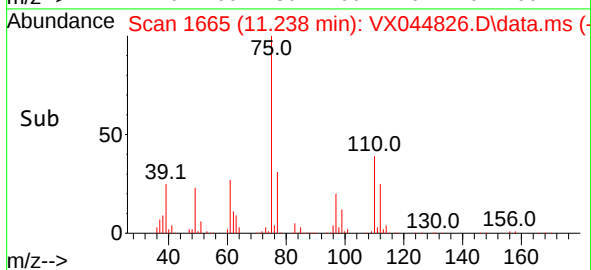
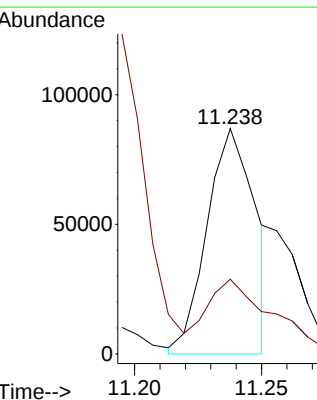
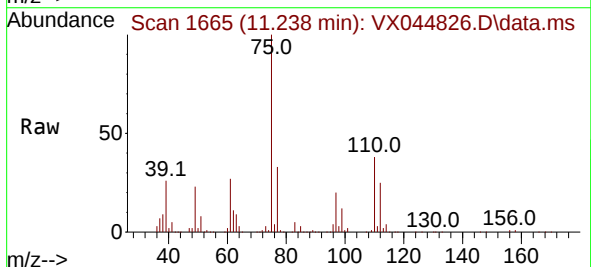
Acq: 03 Feb 2025 19:37

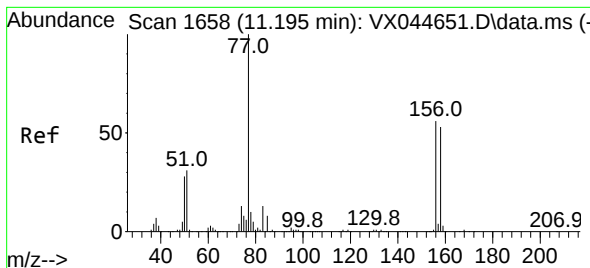
Tgt Ion: 75 Resp: 114547

Ion Ratio Lower Upper

75 100

77 45.1 23.4 70.2





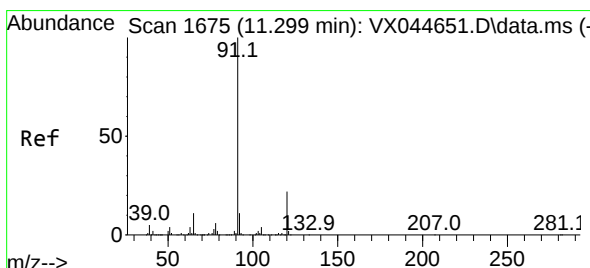
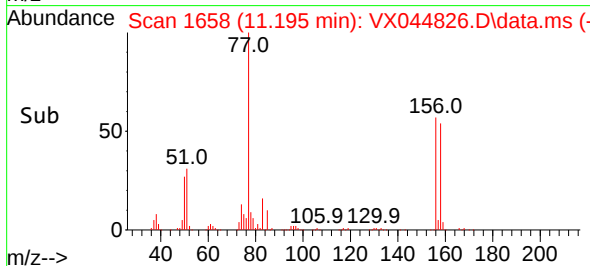
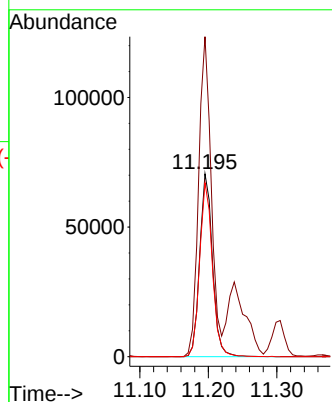
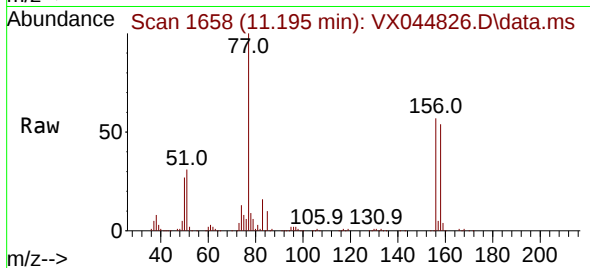
#77
Bromobenzene
Concen: 47.280 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 91569
Ion Ratio Lower Upper
156 100
77 172.7 90.3 271.0
158 95.3 48.4 145.3

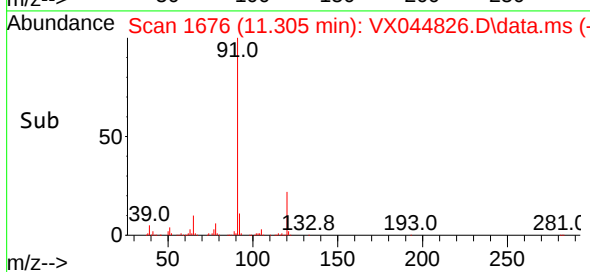
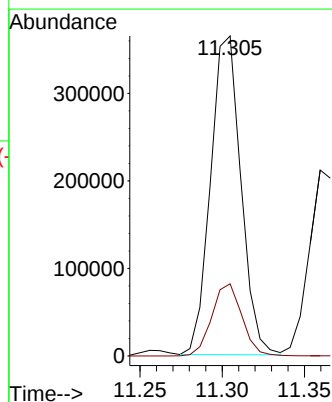
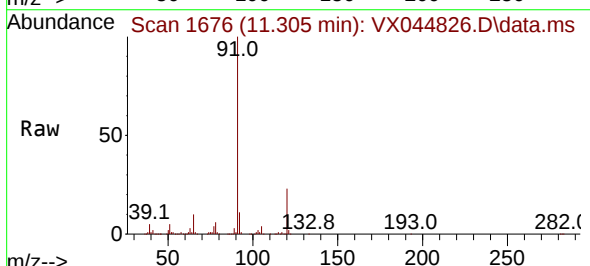
Manual Integrations
APPROVED

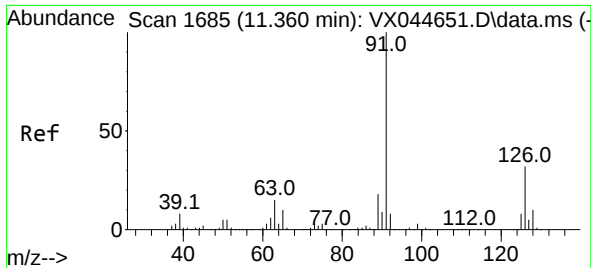
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#78
n-propylbenzene
Concen: 51.190 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

Tgt Ion: 91 Resp: 467770
Ion Ratio Lower Upper
91 100
120 22.5 11.4 34.1





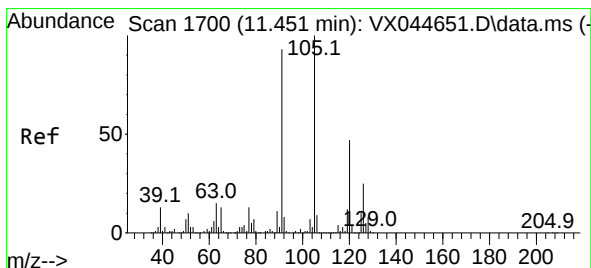
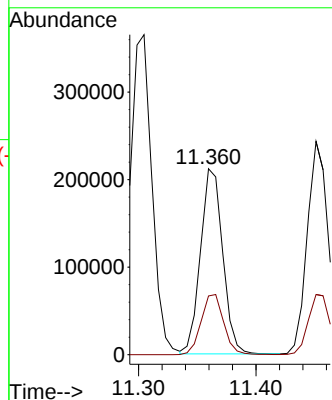
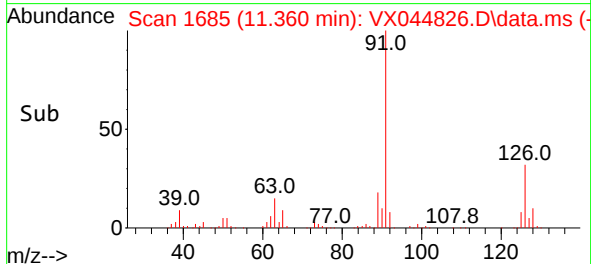
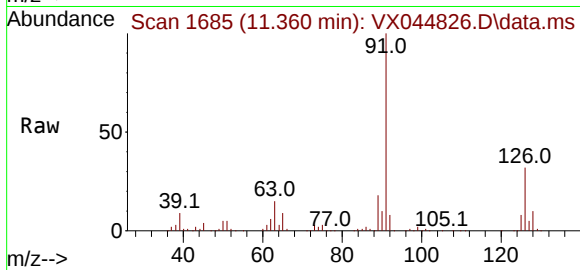
#79
2-Chlorotoluene
Concen: 47.148 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 278308
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.5

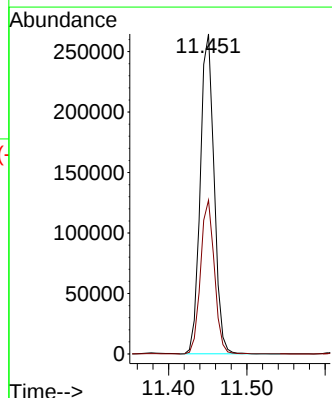
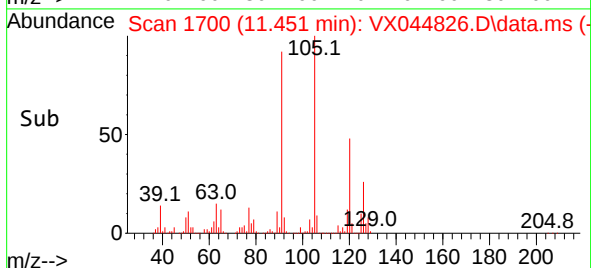
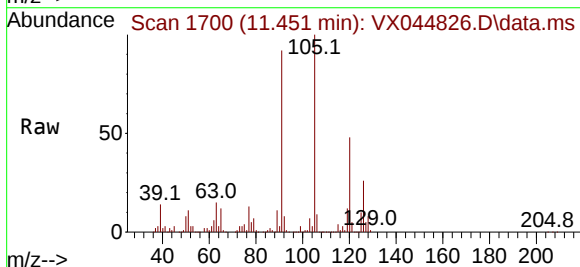
Manual Integrations
APPROVED

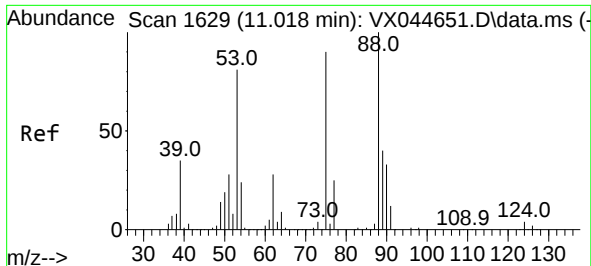
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.156 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

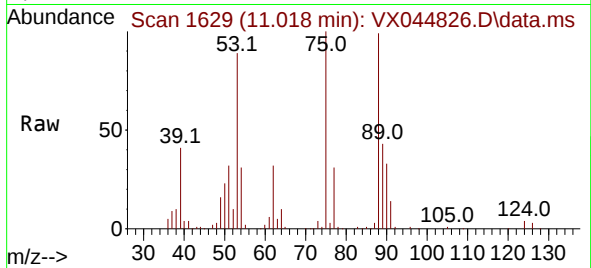
Tgt Ion:105 Resp: 324829
Ion Ratio Lower Upper
105 100
120 48.2 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 45.377 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

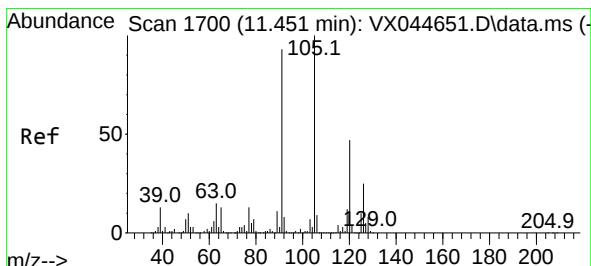
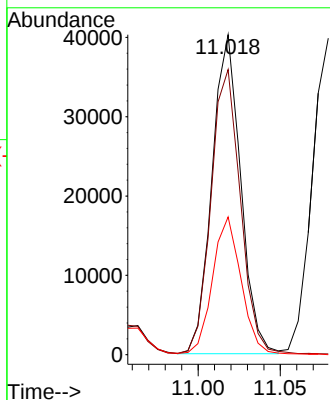
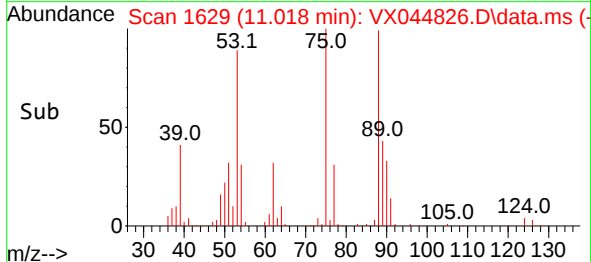
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 4884
Ion Ratio Lower Upper
75 100
53 91.5 74.3 111.5
89 43.4 37.4 56.0

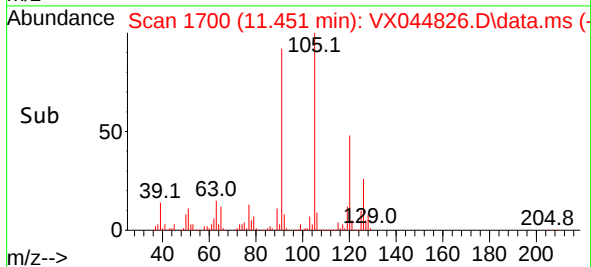
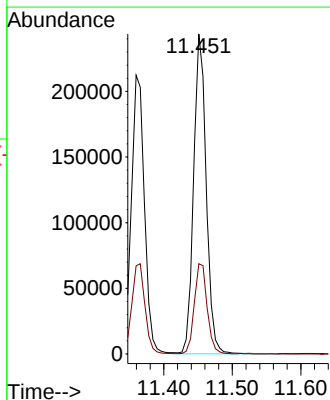
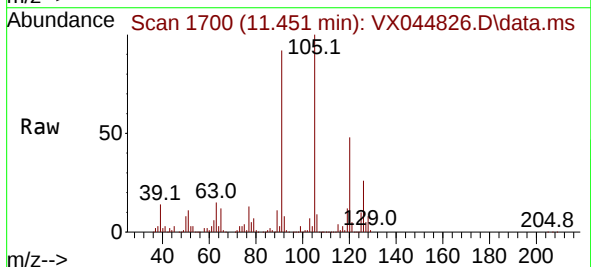
Manual Integrations
APPROVED

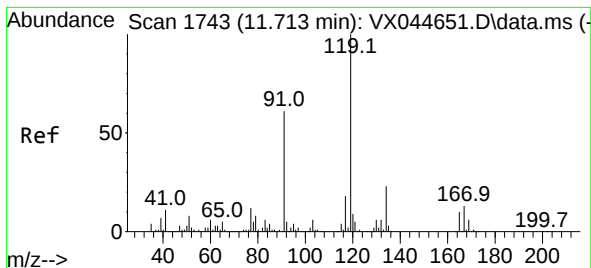
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#82
4-Chlorotoluene
Concen: 48.040 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

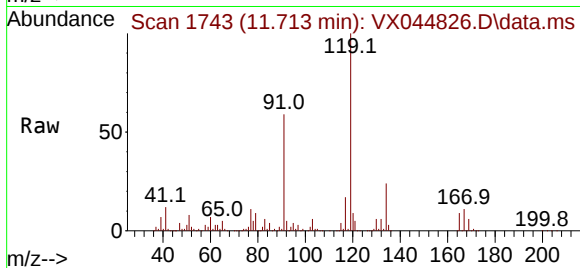
Tgt Ion: 91 Resp: 310639
Ion Ratio Lower Upper
91 100
126 28.7 13.9 41.7





#83
tert-Butylbenzene
Concen: 47.560 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

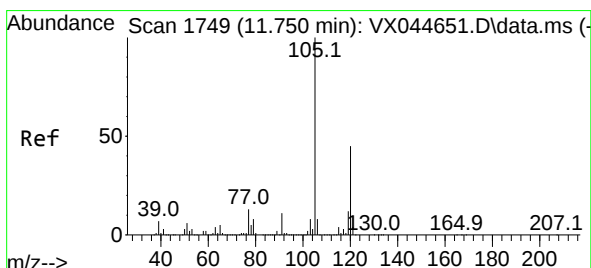
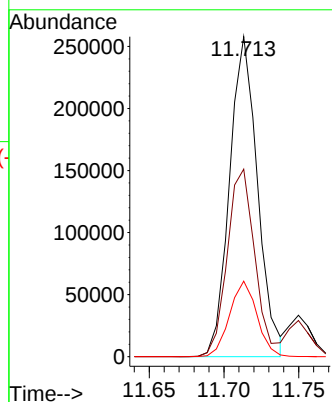
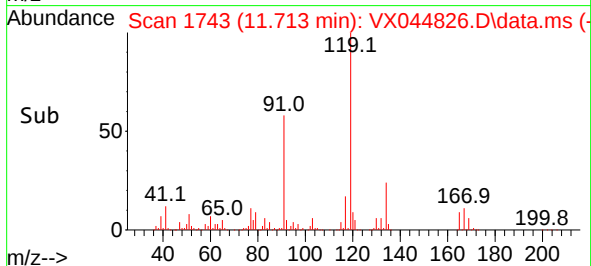
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



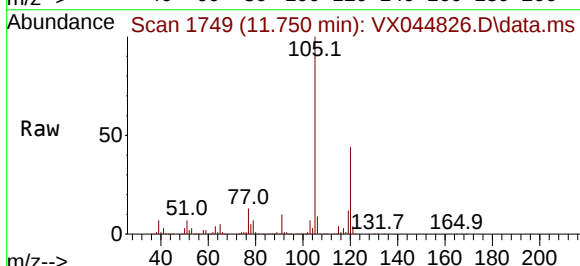
Tgt Ion:119 Resp: 335444
Ion Ratio Lower Upper
119 100
91 58.3 30.0 90.0
134 23.1 11.2 33.5

Manual Integrations
APPROVED

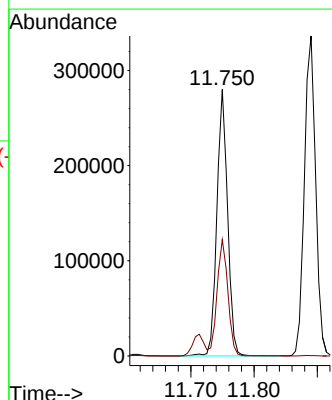
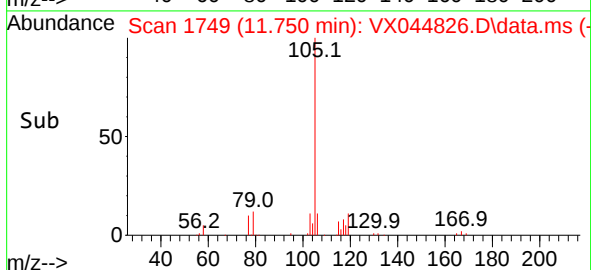
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

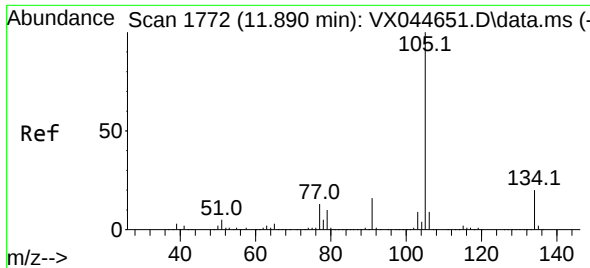


#84
1,2,4-Trimethylbenzene
Concen: 47.915 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37



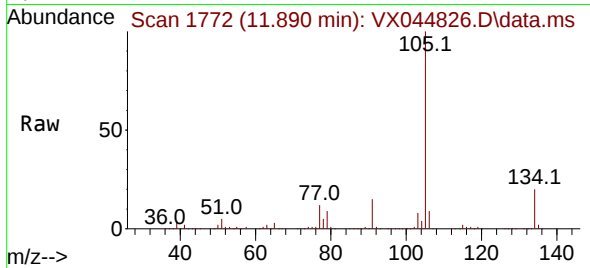
Tgt Ion:105 Resp: 328436
Ion Ratio Lower Upper
105 100
120 44.1 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 50.226 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX044826.D
 Acq: 03 Feb 2025 19:37

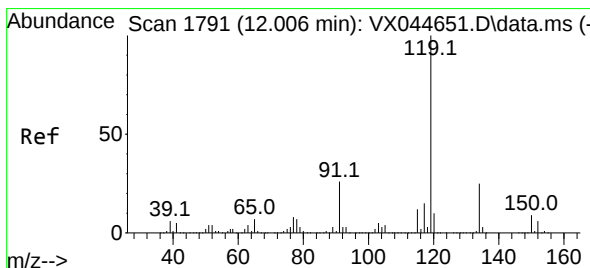
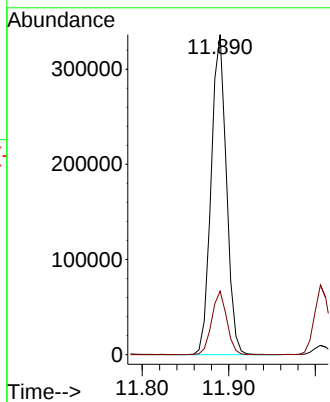
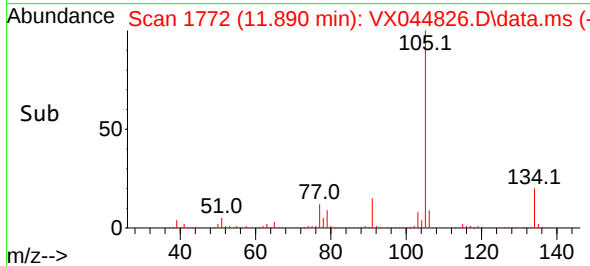
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



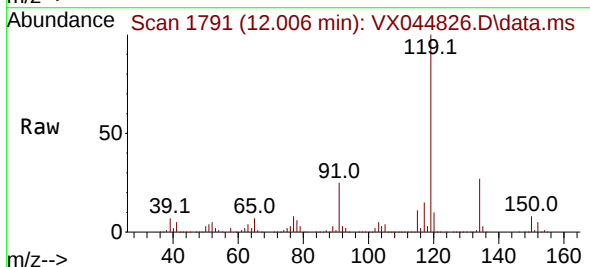
Tgt Ion:105 Resp: 41246
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5

Manual Integrations
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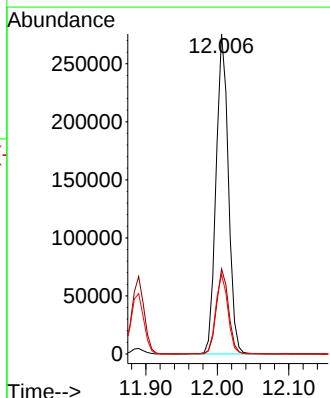
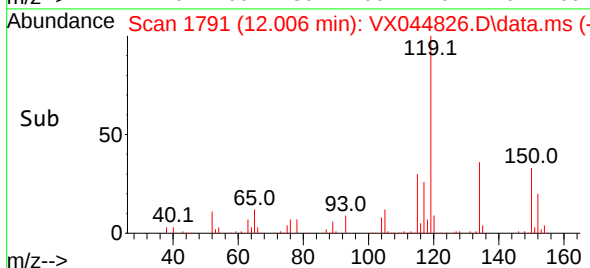
Reviewed By :John Carlone 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

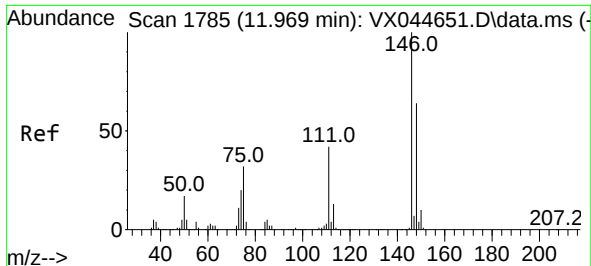


#86
 p-Isopropyltoluene
 Concen: 48.882 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX044826.D
 Acq: 03 Feb 2025 19:37



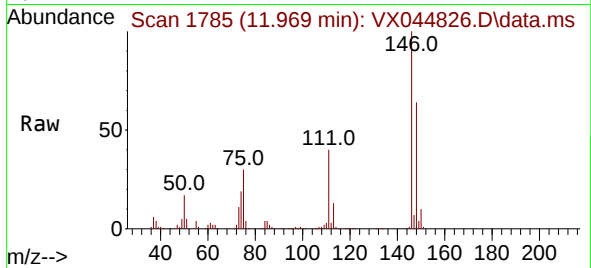
Tgt Ion:119 Resp: 329893
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.4
 91 24.5 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 49.348 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

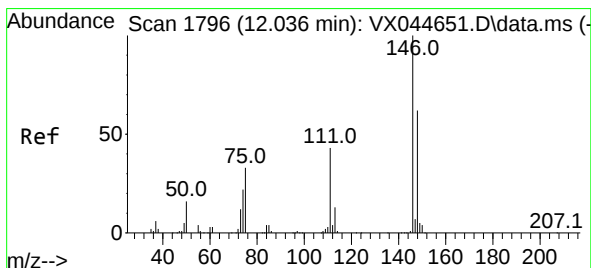
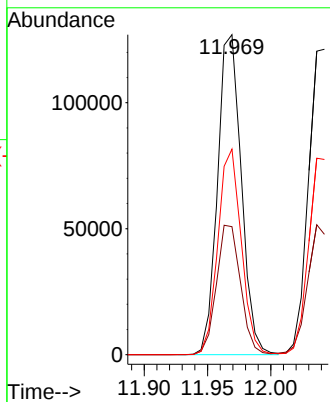
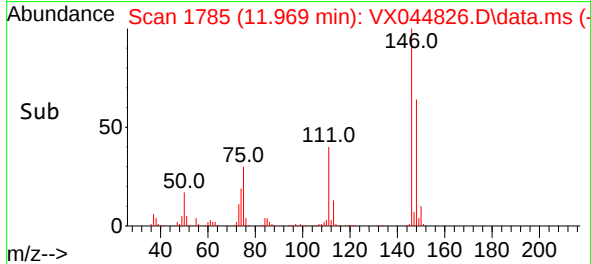
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



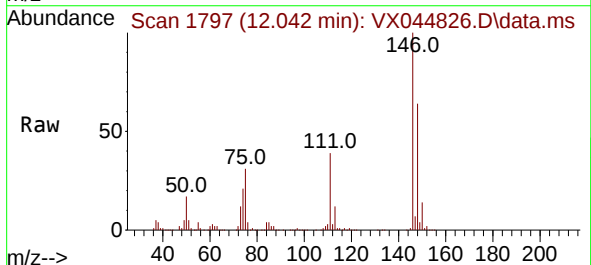
Tgt Ion:146 Resp: 165749
Ion Ratio Lower Upper
146 100
111 41.0 21.9 65.7
148 63.3 31.8 95.4

Manual Integrations
APPROVED

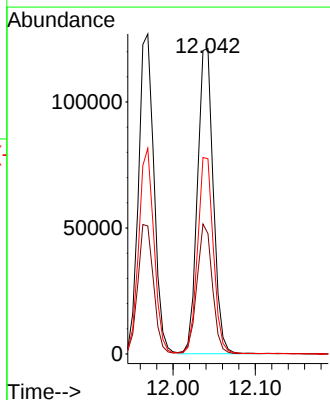
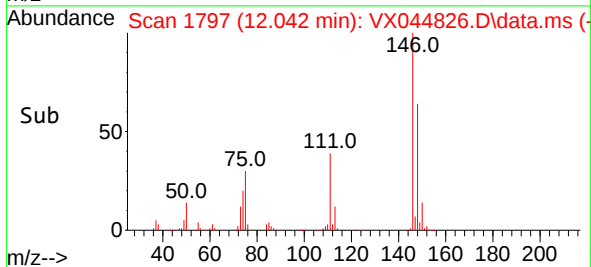
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025

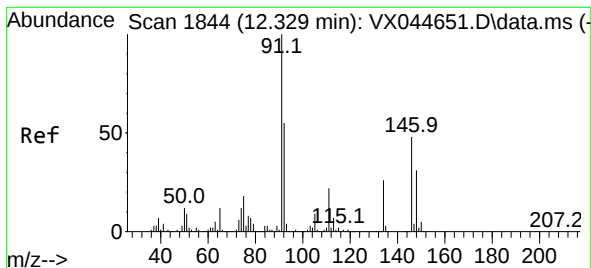


#88
1,4-Dichlorobenzene
Concen: 47.668 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37



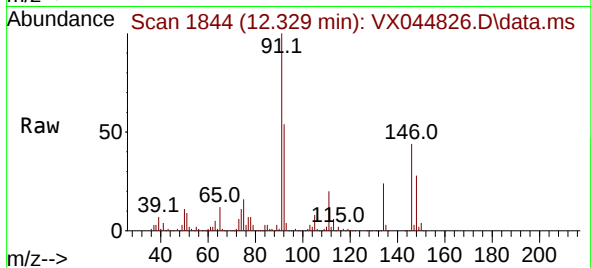
Tgt Ion:146 Resp: 161848
Ion Ratio Lower Upper
146 100
111 41.4 21.5 64.5
148 63.8 32.1 96.5





#89
n-Butylbenzene
Concen: 51.390 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

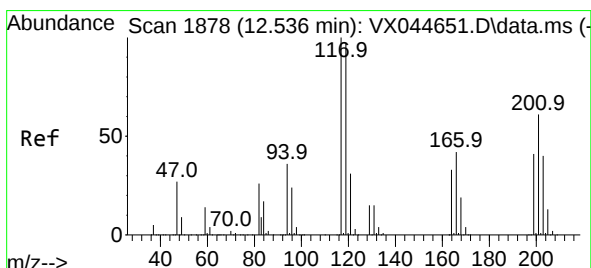
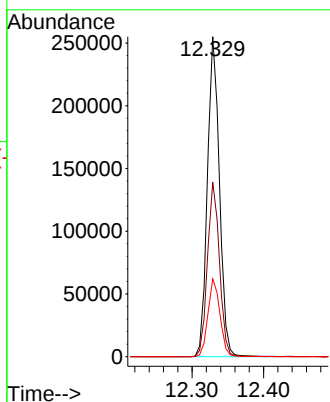
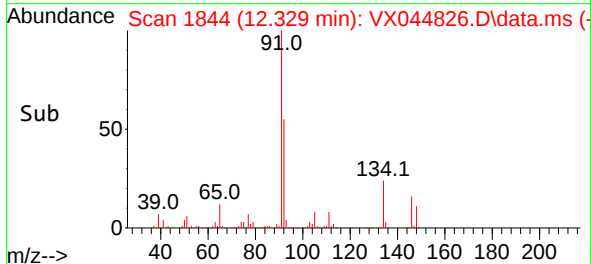
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 29788
Ion Ratio Lower Upper
91 100
92 54.5 27.4 82.0
134 24.3 12.8 38.3

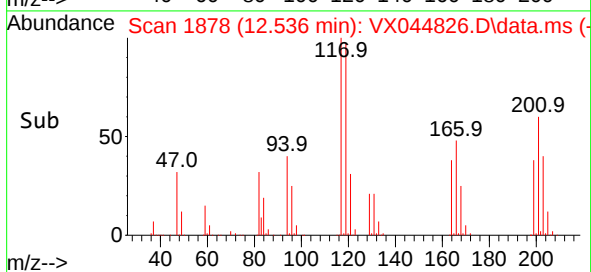
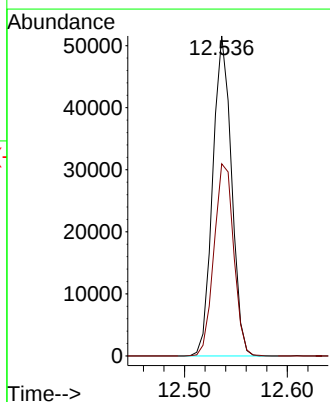
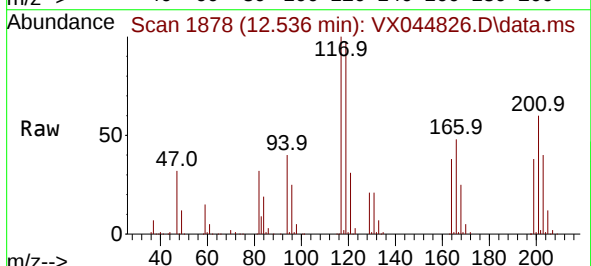
Manual Integrations
APPROVED

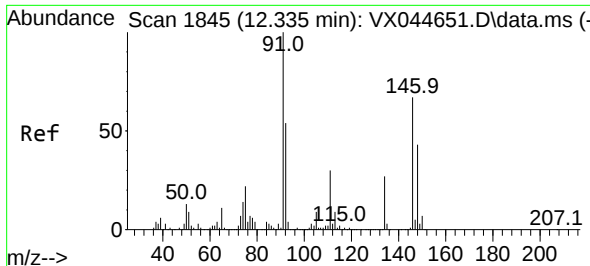
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#90
Hexachloroethane
Concen: 42.781 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

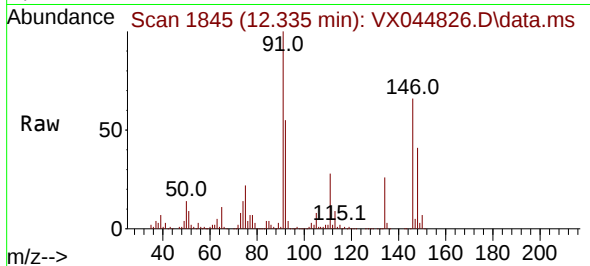
Tgt Ion:117 Resp: 65379
Ion Ratio Lower Upper
117 100
201 63.1 32.3 96.8





#91
1,2-Dichlorobenzene
Concen: 47.931 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

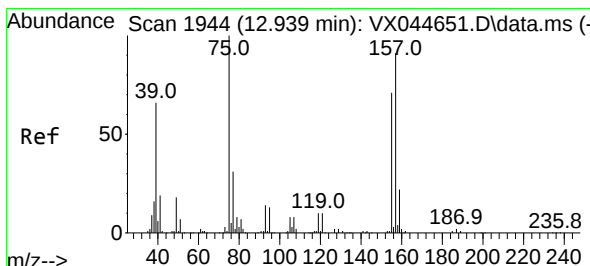
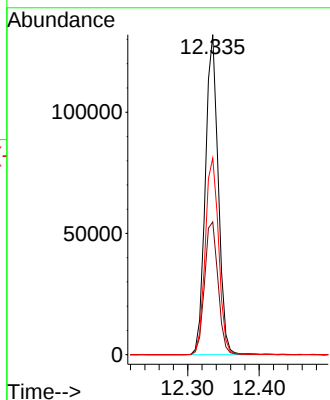
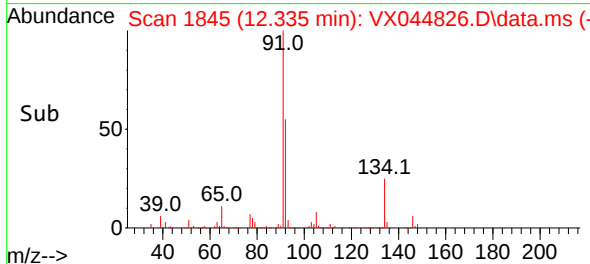
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 165330
Ion Ratio Lower Upper
146 100
111 43.4 22.4 67.2
148 64.1 31.6 94.8

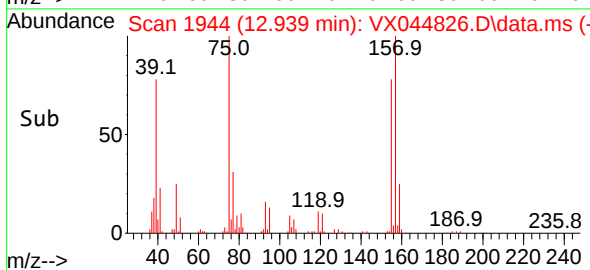
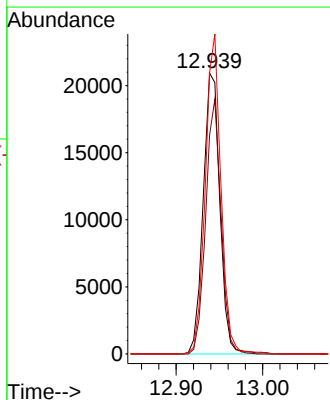
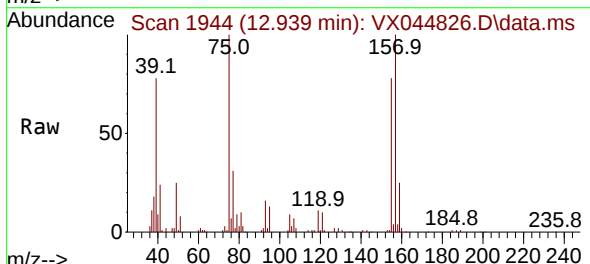
Manual Integrations
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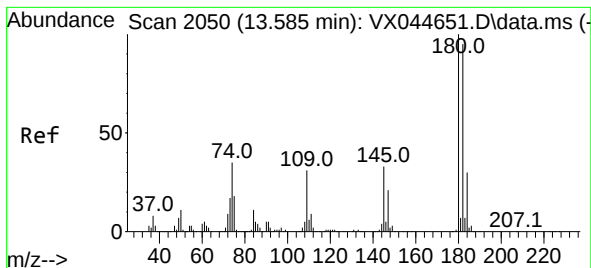
Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.047 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

Tgt Ion: 75 Resp: 28028
Ion Ratio Lower Upper
75 100
155 83.7 39.0 116.9
157 106.5 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 48.135 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 99250

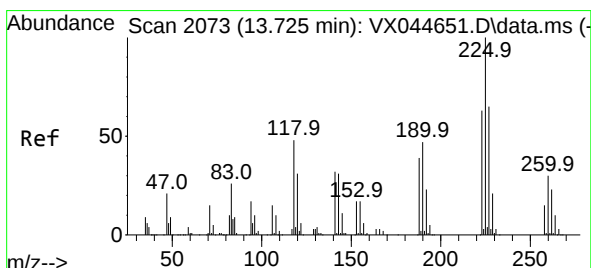
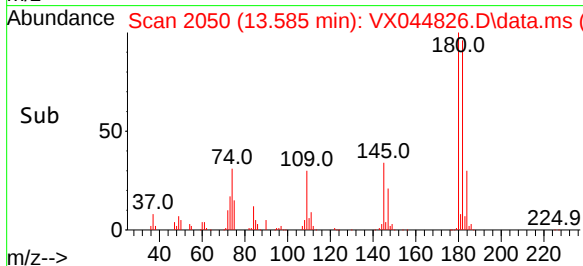
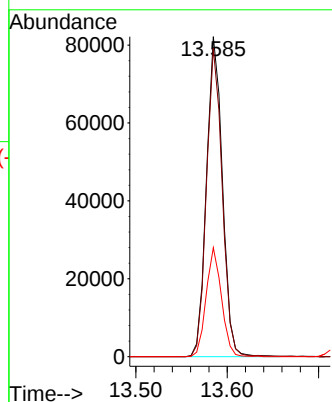
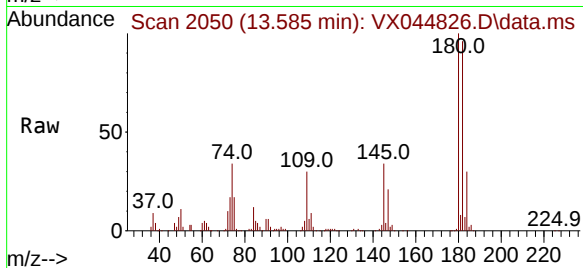
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.4	142.2
145	32.8	16.7	50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/04/2025

Supervised By :Mahesh Dadoda 02/04/2025



#94

Hexachlorobutadiene

Concen: 46.226 ug/l

RT: 13.725 min Scan# 2073

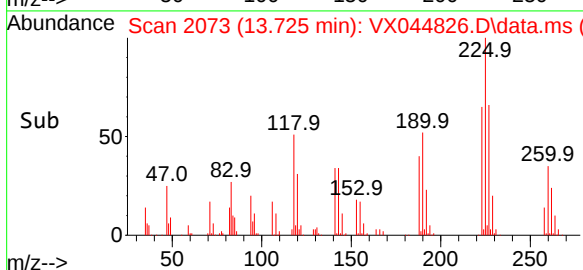
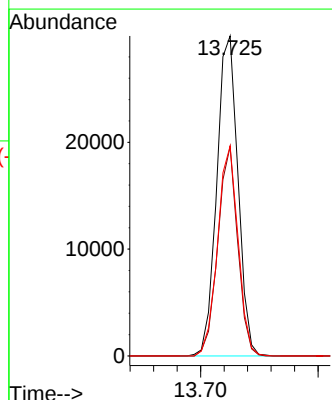
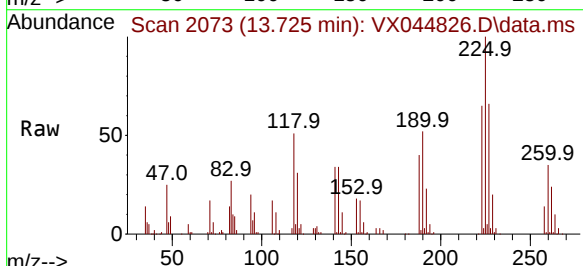
Delta R.T. -0.000 min

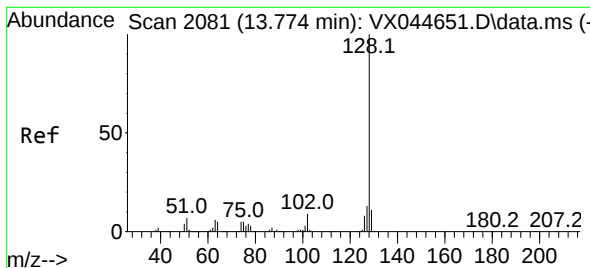
Lab File: VX044826.D

Acq: 03 Feb 2025 19:37

Tgt Ion:225 Resp: 37442

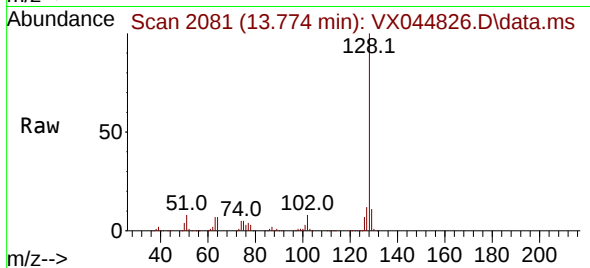
Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.9	95.7
227	63.6	31.8	95.4





#95
Naphthalene
Concen: 49.275 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37

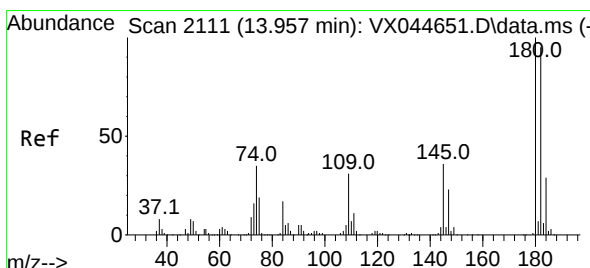
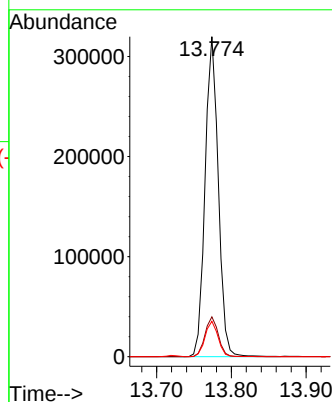
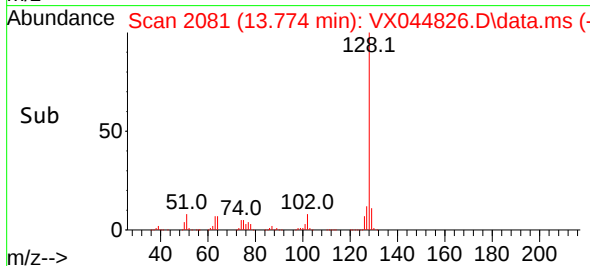
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



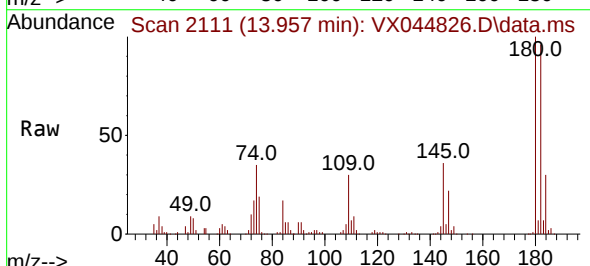
Tgt Ion:128 Resp: 39188
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/04/2025
Supervised By :Mahesh Dadoda 02/04/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.101 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX044826.D
Acq: 03 Feb 2025 19:37



Tgt Ion:180 Resp: 100674
Ion Ratio Lower Upper
180 100
182 96.1 47.2 141.6
145 34.5 17.5 52.6

