

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070125\
 Data File : VX046844.D
 Acq On : 01 Jul 2025 08:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

Quant Time: Jul 02 01:38:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	147192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233068	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	203219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	99291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102853	50.519	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.040%			
35) Dibromofluoromethane	5.385	113	88548	57.422	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.840%			
50) Toluene-d8	8.647	98	304112	54.891	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.780%			
62) 4-Bromofluorobenzene	11.079	95	113978	55.190	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	76028	48.380	ug/l	98
3) Chloromethane	1.307	50	79515	46.879	ug/l	97
4) Vinyl Chloride	1.386	62	87046	48.124	ug/l	96
5) Bromomethane	1.624	94	55947	54.977	ug/l	94
6) Chloroethane	1.703	64	54382	49.606	ug/l	95
7) Trichlorofluoromethane	1.904	101	133219	48.506	ug/l	99
8) Diethyl Ether	2.142	74	45242	48.000	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	83661	49.654	ug/l	98
10) Methyl Iodide	2.465	142	88832	42.802	ug/l	97
11) Tert butyl alcohol	2.953	59	29491	161.387	ug/l	99
12) 1,1-Dichloroethene	2.331	96	79820	49.096	ug/l	96
13) Acrolein	2.245	56	57281	215.206	ug/l	98
14) Allyl chloride	2.678	41	140691	47.761	ug/l	98
15) Acrylonitrile	3.068	53	171501	208.718	ug/l	98
16) Acetone	2.380	43	160717	236.720	ug/l	100
17) Carbon Disulfide	2.526	76	210892	42.955	ug/l	100
18) Methyl Acetate	2.709	43	75964	44.053	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	221706	43.795	ug/l	98
20) Methylene Chloride	2.800	84	88986	47.130	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	81265	46.714	ug/l	98
22) Diisopropyl ether	3.763	45	276221	48.785	ug/l	95
23) Vinyl Acetate	3.727	43	1025725	227.815	ug/l	99
24) 1,1-Dichloroethane	3.617	63	153162	47.644	ug/l	98
25) 2-Butanone	4.556	43	192307	200.276	ug/l	100
26) 2,2-Dichloropropane	4.483	77	113415	48.372	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	97159	47.538	ug/l	99
28) Bromochloromethane	4.903	49	78857	54.107	ug/l	99
29) Tetrahydrofuran	5.001	42	120800	194.772	ug/l	99
30) Chloroform	5.092	83	152835	47.540	ug/l	99
31) Cyclohexane	5.477	56	135915	44.583	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	128801	45.681	ug/l	99
36) 1,1-Dichloropropene	5.696	75	105506	47.397	ug/l	98
37) Ethyl Acetate	4.714	43	85004	41.370	ug/l	98
38) Carbon Tetrachloride	5.678	117	113228	46.870	ug/l	97
39) Methylcyclohexane	7.379	83	134423	45.890	ug/l	99
40) Benzene	6.037	78	318544	48.353	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49431	45.126	ug/l	97
42) 1,2-Dichloroethane	6.086	62	107203	46.308	ug/l	99
43) Isopropyl Acetate	6.336	43	135107	42.021	ug/l	98
44) Trichloroethene	7.123	130	80910	48.192	ug/l	99
45) 1,2-Dichloropropane	7.427	63	79517	48.703	ug/l	96
46) Dibromomethane	7.580	93	55387	47.203	ug/l	99
47) Bromodichloromethane	7.818	83	118256	49.386	ug/l	98
48) Methyl methacrylate	7.690	41	71440	44.303	ug/l	98
49) 1,4-Dioxane	7.653	88	16655	718.178	ug/l	96
51) 4-Methyl-2-Pentanone	8.567	43	392981	204.929	ug/l	100
52) Toluene	8.714	92	196675	48.157	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	107158	48.232	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	124290	49.280	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	71963	47.283	ug/l	99
56) Ethyl methacrylate	9.110	69	100953	44.934	ug/l	99
57) 1,3-Dichloropropane	9.305	76	122836	46.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	330687	283.350	ug/l	100
59) 2-Hexanone	9.427	43	268651	202.642	ug/l	100
60) Dibromochloromethane	9.518	129	86156	48.035	ug/l	99
61) 1,2-Dibromoethane	9.604	107	71933	46.465	ug/l	99
64) Tetrachloroethene	9.269	164	66742	47.404	ug/l	96
65) Chlorobenzene	10.073	112	215552	48.051	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	75076	49.796	ug/l	99
67) Ethyl Benzene	10.189	91	378063	48.234	ug/l	100
68) m/p-Xylenes	10.299	106	284065	97.264	ug/l	100
69) o-Xylene	10.640	106	135294	49.430	ug/l	97
70) Styrene	10.652	104	236143	49.300	ug/l	99
71) Bromoform	10.793	173	53660	46.735	ug/l #	100
73) Isopropylbenzene	10.957	105	357520	48.890	ug/l	99
74) N-amyl acetate	10.841	43	120243	43.399	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	92510	45.306	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75526m	41.531	ug/l	
77) Bromobenzene	11.195	156	86876	49.368	ug/l	99
78) n-propylbenzene	11.299	91	427926	49.267	ug/l	99
79) 2-Chlorotoluene	11.360	91	248376	47.894	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	292581	48.688	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	28348	44.062	ug/l #	94
82) 4-Chlorotoluene	11.451	91	292532	48.334	ug/l	99
83) tert-Butylbenzene	11.713	119	299986	48.293	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	294342	48.751	ug/l	100
85) sec-Butylbenzene	11.884	105	376138	47.912	ug/l	100
86) p-Isopropyltoluene	12.006	119	311570	47.038	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	160760	46.853	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	160966	45.673	ug/l	100
89) n-Butylbenzene	12.329	91	293475	46.664	ug/l	100
90) Hexachloroethane	12.536	117	54354	46.860	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	152655	47.609	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15871	39.371	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	104676	45.919	ug/l	98
94) Hexachlorobutadiene	13.719	225	40681	42.423	ug/l	97
95) Naphthalene	13.774	128	280938	43.258	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	98081	44.974	ug/l	99

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VSTDCCC050

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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

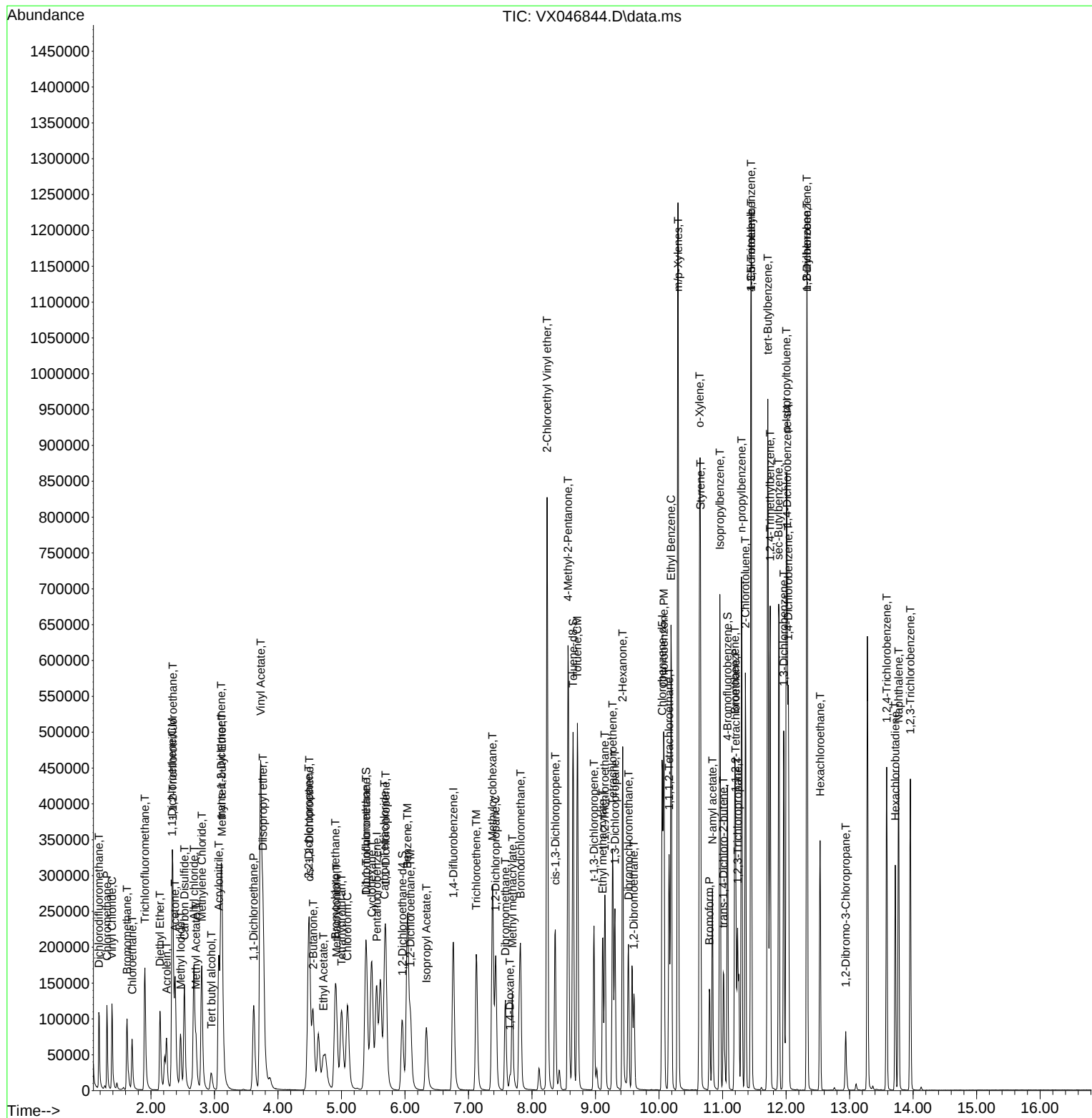
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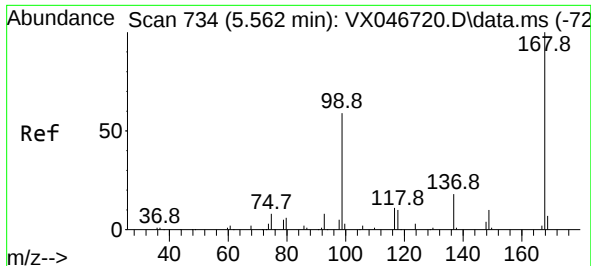
Instrument :
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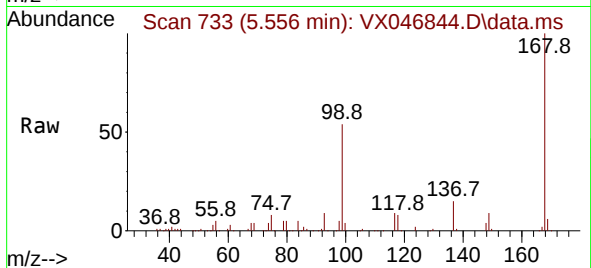
Reviewed By :John Carlone 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

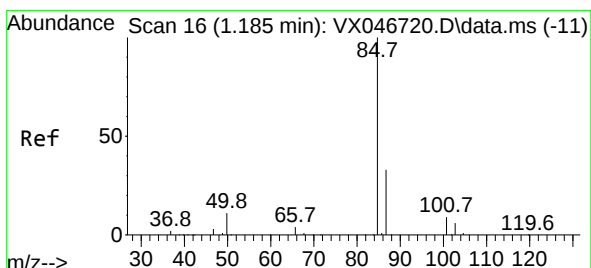
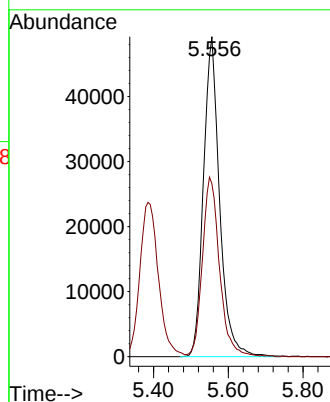
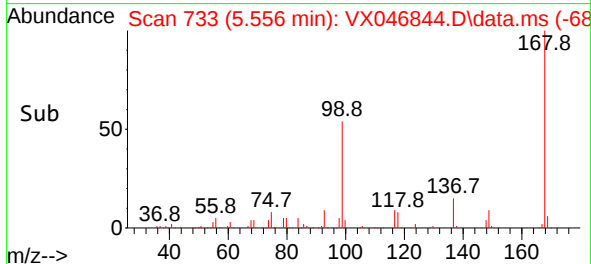
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 147192
Ion Ratio Lower Upper
168 100
99 54.1 48.5 72.7

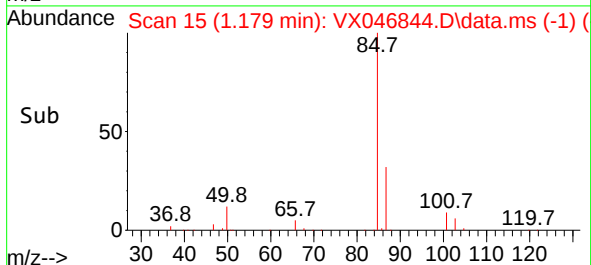
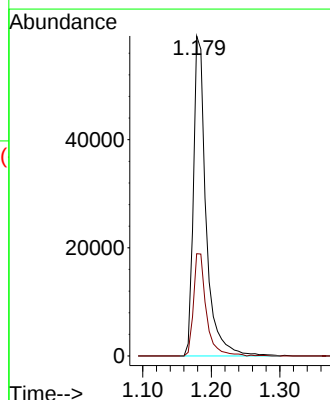
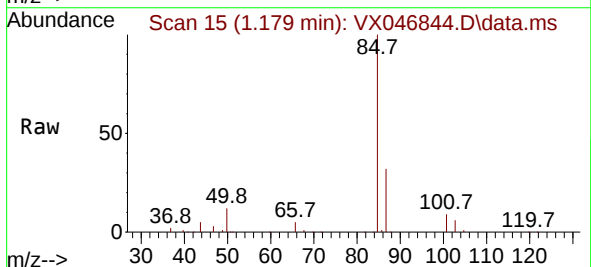
Manual Integrations
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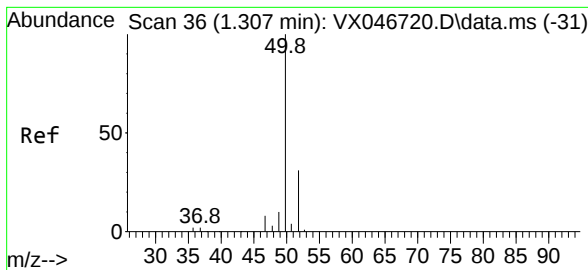
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#2
Dichlorodifluoromethane
Concen: 48.380 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

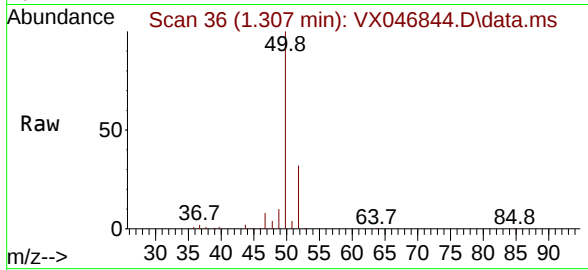
Tgt Ion: 85 Resp: 76028
Ion Ratio Lower Upper
85 100
87 31.9 16.6 49.8





#3
Chloromethane
Concen: 46.879 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

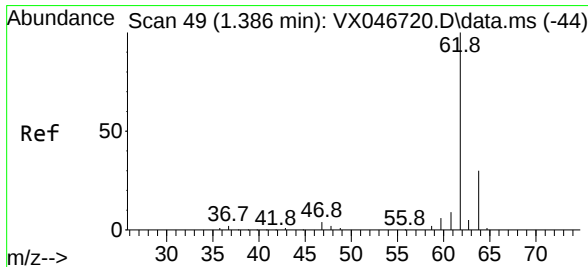
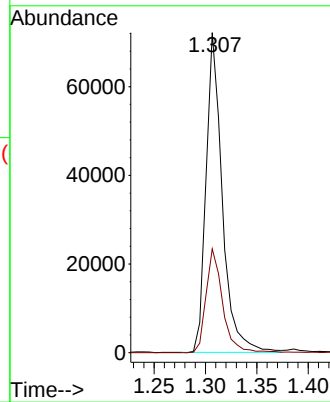
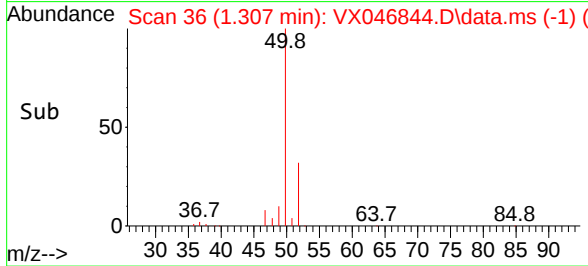
Instrument :
MSVOA_X
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VSTDCCC050



Tgt Ion: 50 Resp: 7951
Ion Ratio Lower Upper
50 100
52 32.5 24.9 37.3

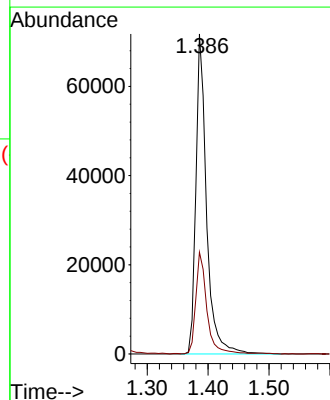
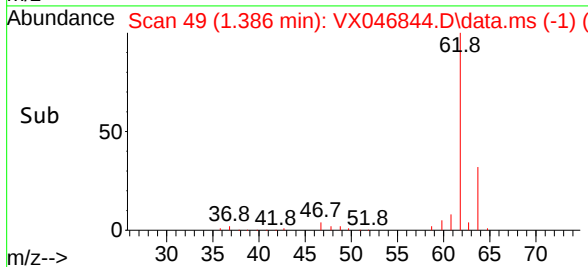
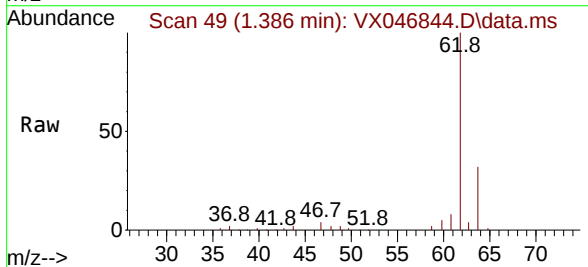
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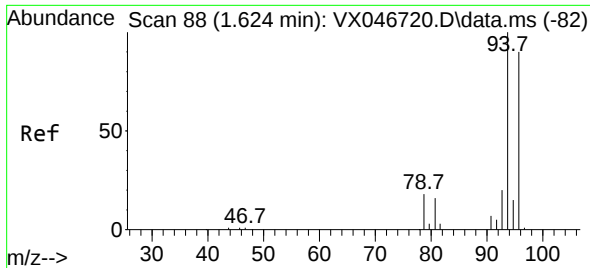
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#4
Vinyl Chloride
Concen: 48.124 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

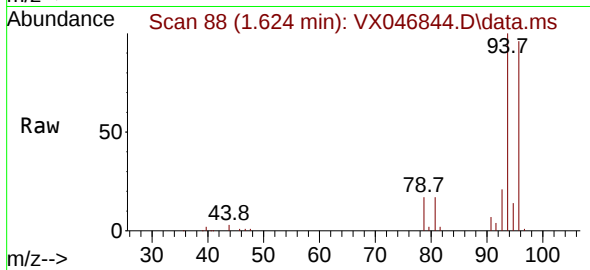
Tgt Ion: 62 Resp: 87046
Ion Ratio Lower Upper
62 100
64 31.8 23.9 35.9





#5
Bromomethane
Concen: 54.977 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

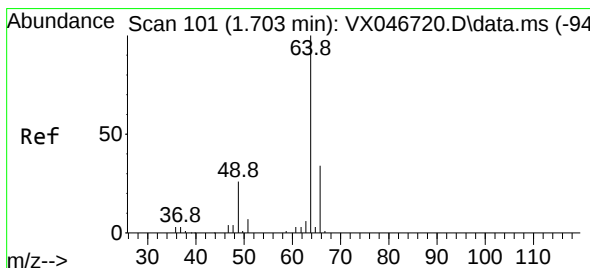
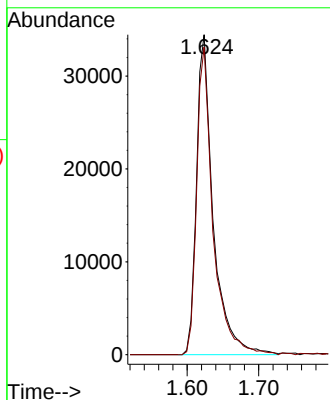
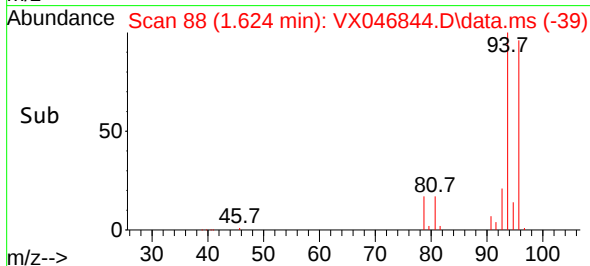
Instrument :
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Tgt Ion: 94 Resp: 5594
Ion Ratio Lower Upper
94 100
96 96.2 72.3 108.5

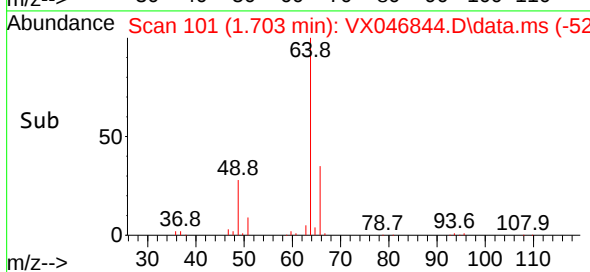
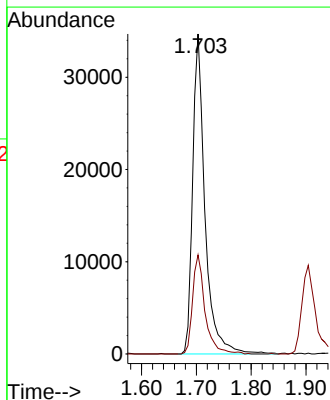
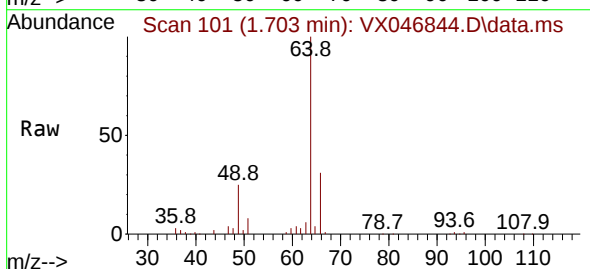
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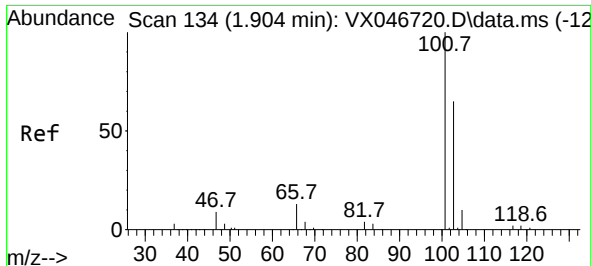
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#6
Chloroethane
Concen: 49.606 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

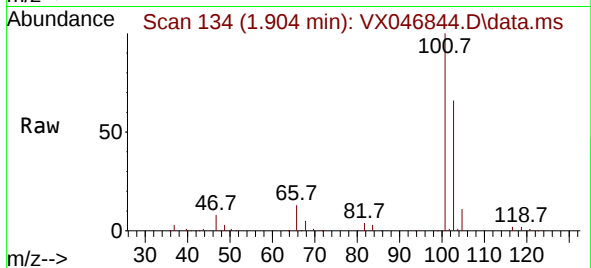
Tgt Ion: 64 Resp: 54382
Ion Ratio Lower Upper
64 100
66 30.9 27.1 40.7





#7
Trichlorofluoromethane
Concen: 48.506 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

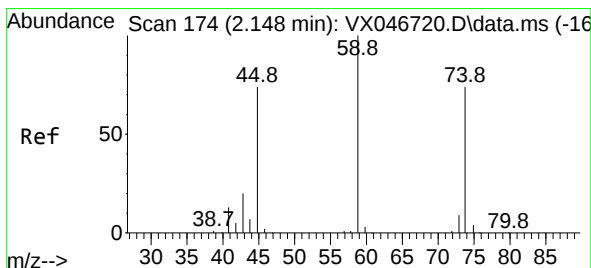
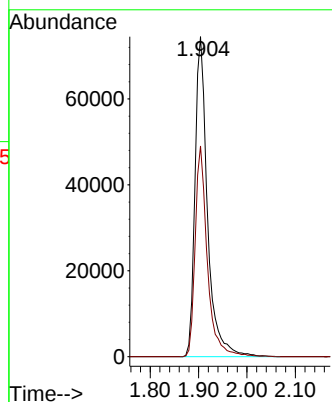
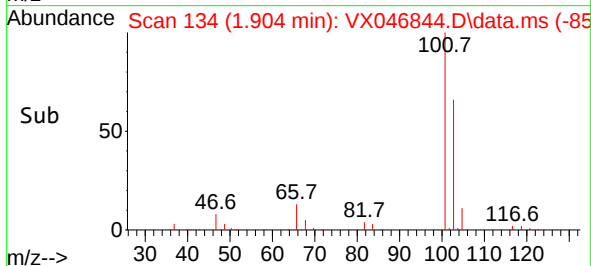
Instrument :
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Tgt Ion:101 Resp: 133219
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.8

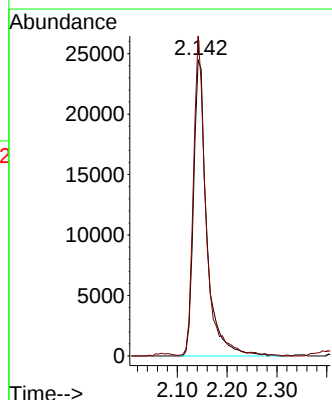
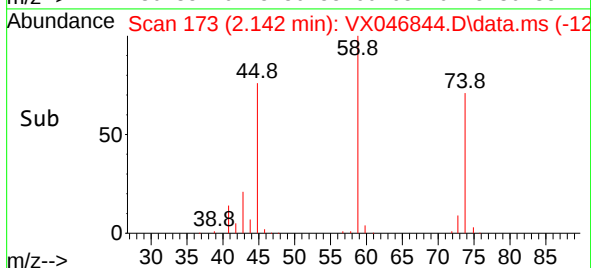
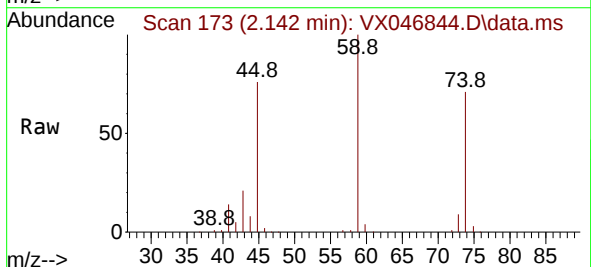
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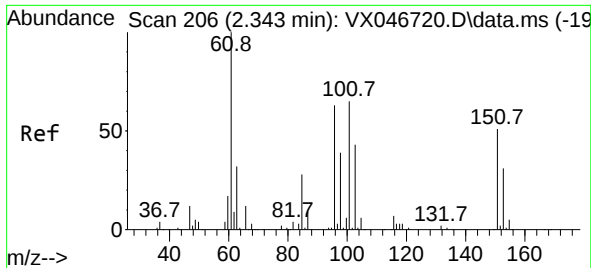
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#8
Diethyl Ether
Concen: 48.000 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Tgt Ion: 74 Resp: 45242
Ion Ratio Lower Upper
74 100
45 100.9 52.3 157.1





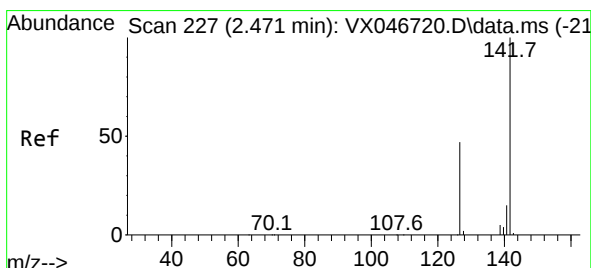
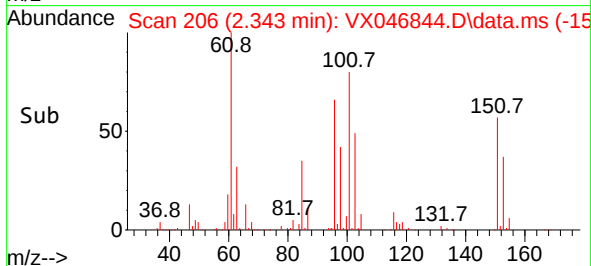
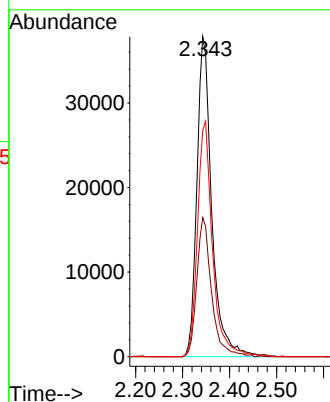
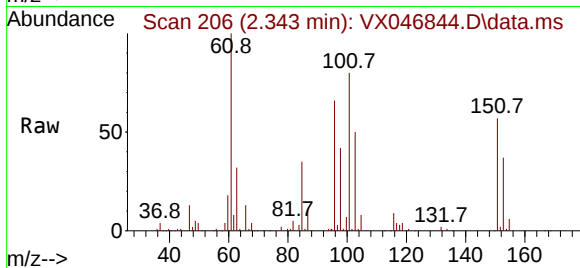
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.654 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8366
Ion Ratio Lower Upper
101 100
85 43.0 35.4 53.0
151 74.3 61.2 91.8

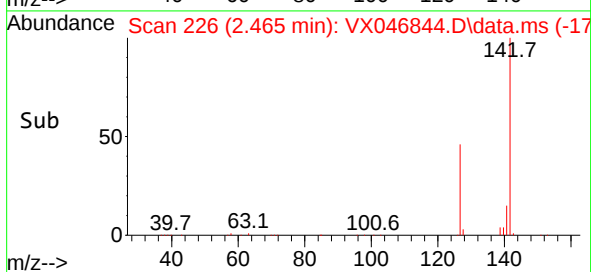
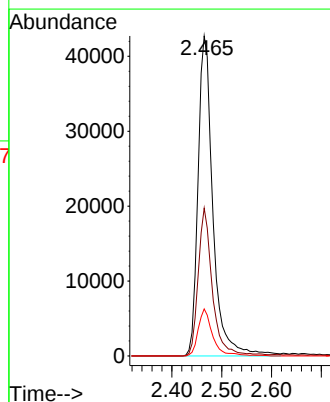
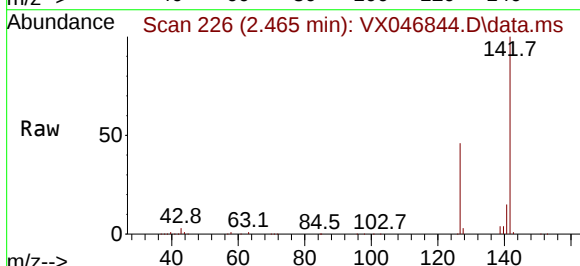
Manual Integrations
APPROVED

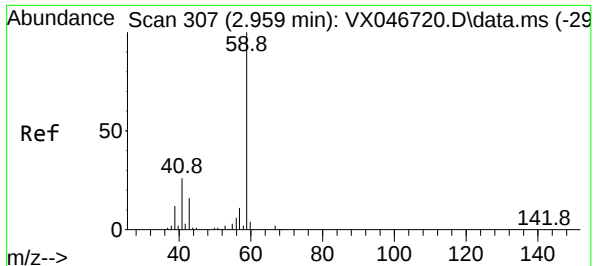
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#10
Methyl Iodide
Concen: 42.802 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

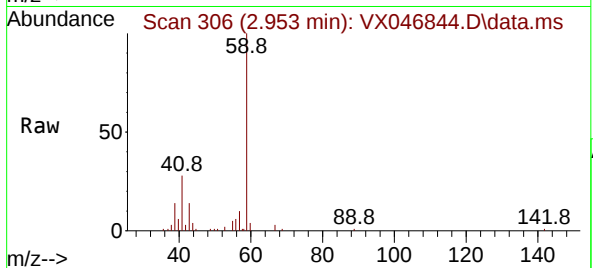
Tgt Ion:142 Resp: 88832
Ion Ratio Lower Upper
142 100
127 44.0 37.0 55.6
141 14.3 11.5 17.3





#11
Tert butyl alcohol
Concen: 161.387 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

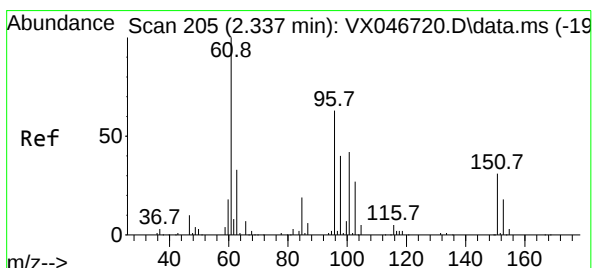
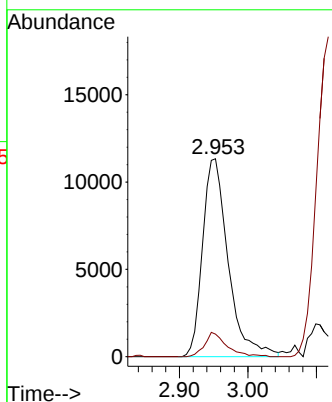
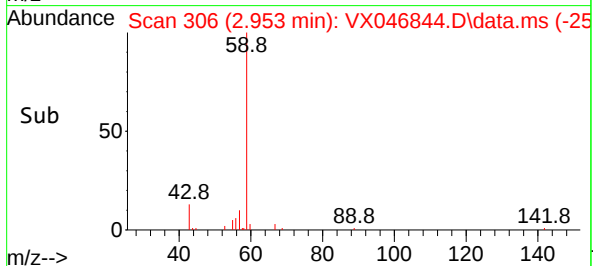
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



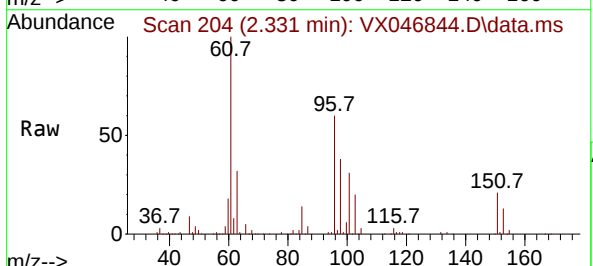
Tgt Ion: 59 Resp: 2949
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

Manual Integrations
APPROVED

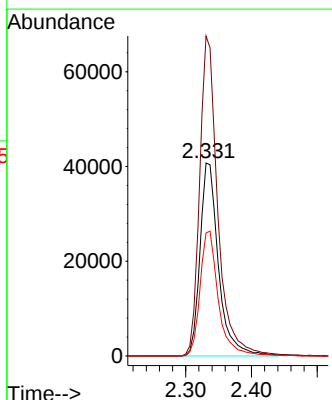
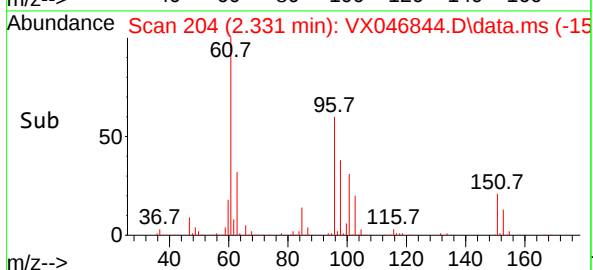
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

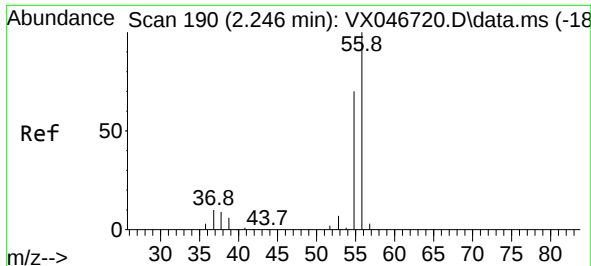


#12
1,1-Dichloroethene
Concen: 49.096 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53



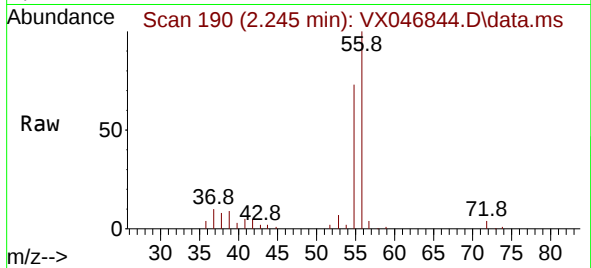
Tgt Ion: 96 Resp: 79820
Ion Ratio Lower Upper
96 100
61 165.8 126.6 189.8
98 63.8 50.7 76.1





#13
Acrolein
Concen: 215.206 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

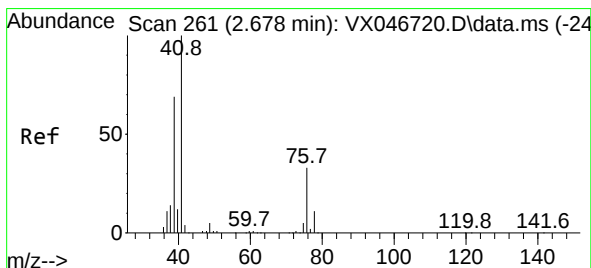
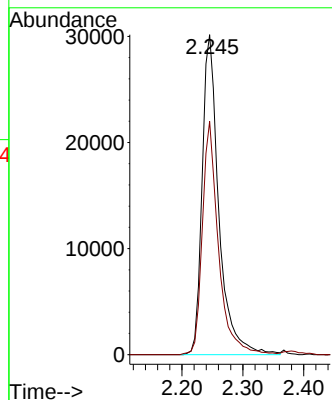
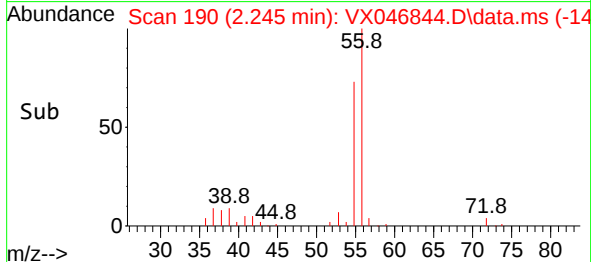
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion: 56 Resp: 5728
Ion Ratio Lower Upper
56 100
55 70.7 55.2 82.8

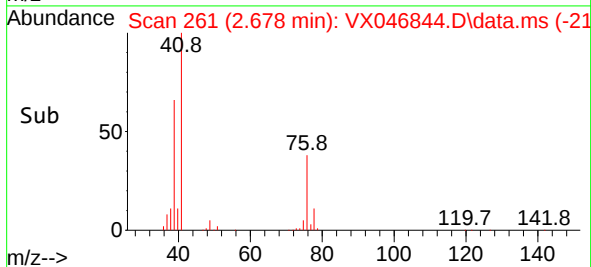
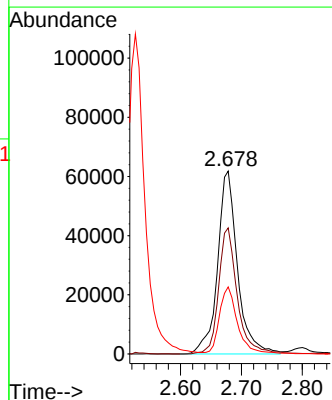
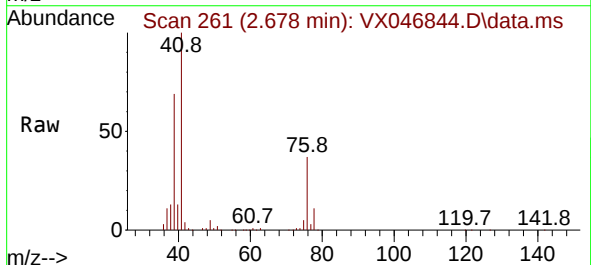
Manual Integrations
APPROVED

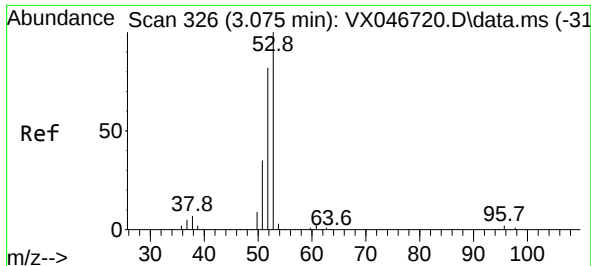
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#14
Allyl chloride
Concen: 47.761 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

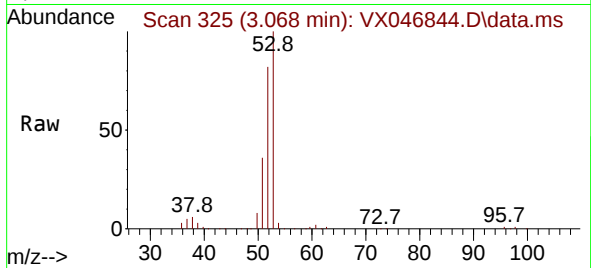
Tgt Ion: 41 Resp: 140691
Ion Ratio Lower Upper
41 100
39 64.7 53.6 80.4
76 33.7 26.8 40.2





#15
Acrylonitrile
Concen: 208.718 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

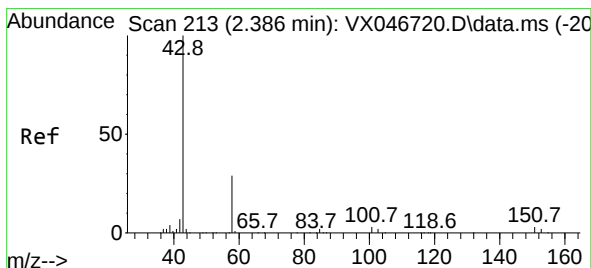
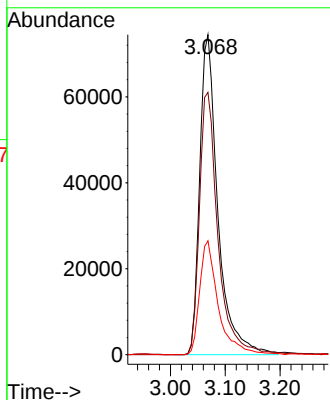
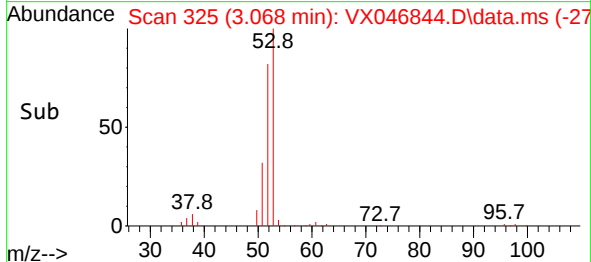
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 17150
Ion Ratio Lower Upper
53 100
52 83.5 65.1 97.7
51 36.6 28.9 43.3

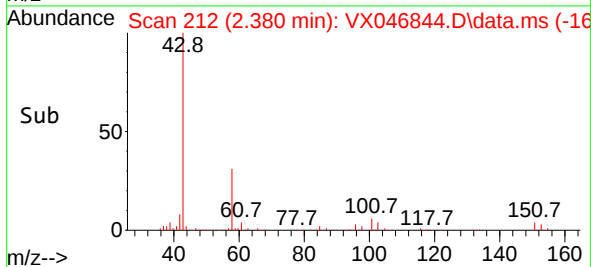
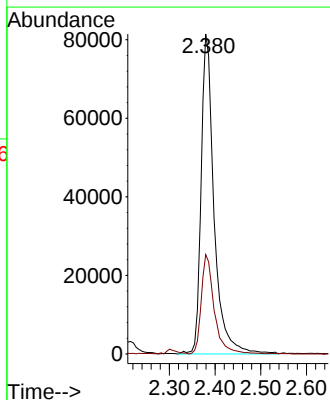
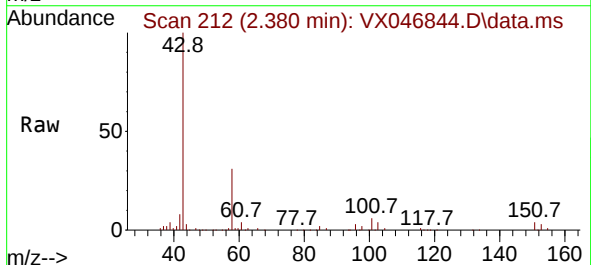
Manual Integrations
APPROVED

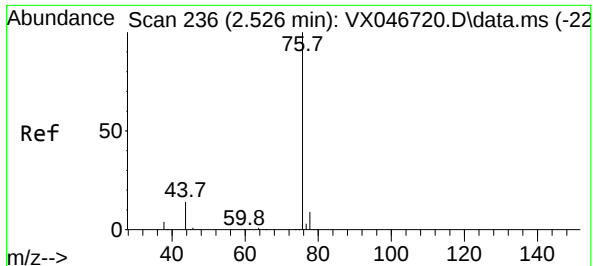
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#16
Acetone
Concen: 236.720 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

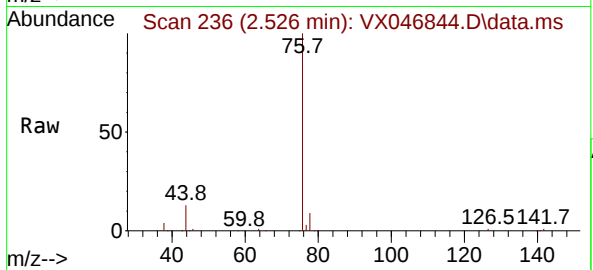
Tgt Ion: 43 Resp: 160717
Ion Ratio Lower Upper
43 100
58 30.9 24.5 36.7





#17
Carbon Disulfide
Concen: 42.955 ug/l
RT: 2.526 min Scan# 210892
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

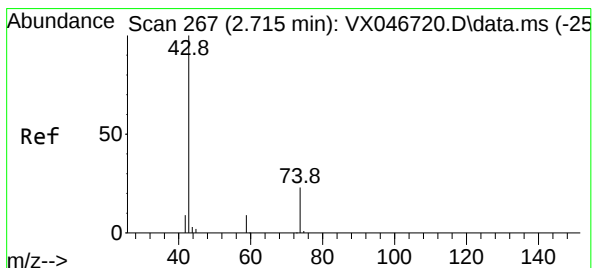
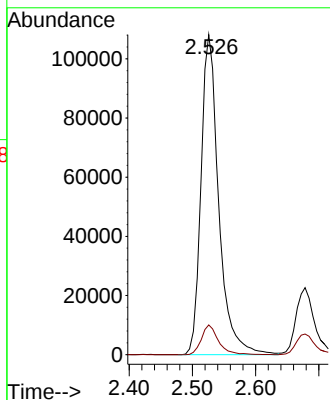
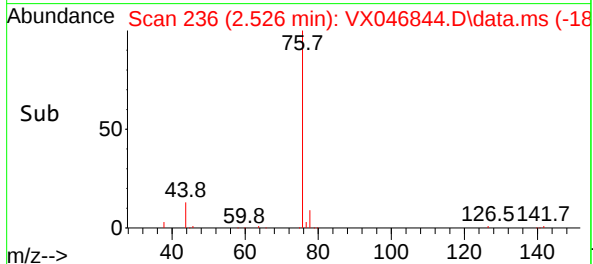
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



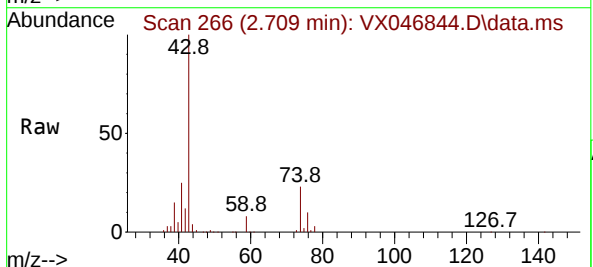
Tgt Ion: 76 Resp: 210892
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

Manual Integrations
APPROVED

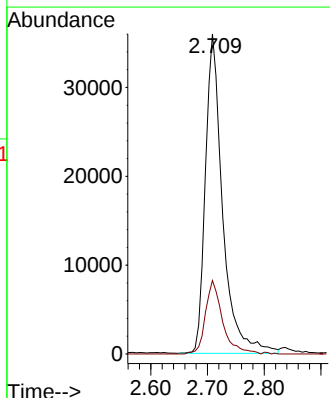
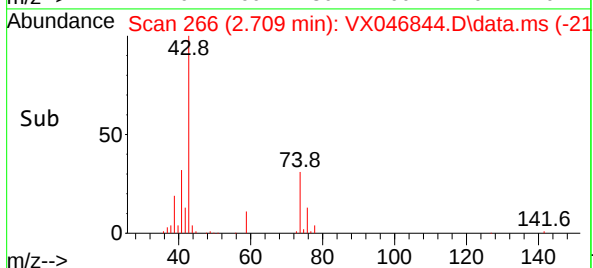
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

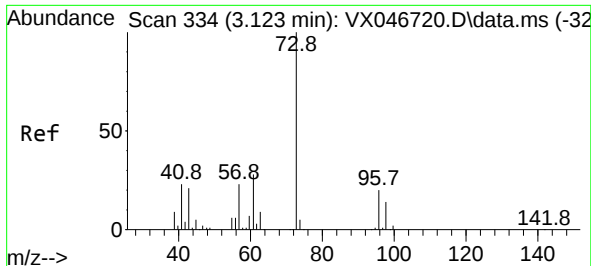


#18
Methyl Acetate
Concen: 44.053 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53



Tgt Ion: 43 Resp: 75964
Ion Ratio Lower Upper
43 100
74 22.8 18.4 27.6





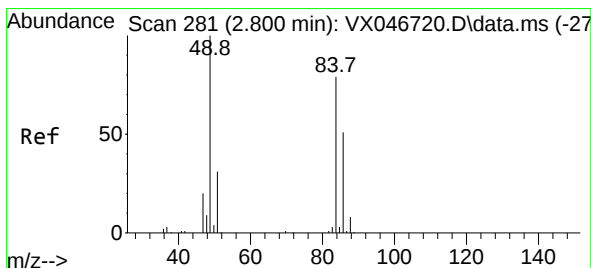
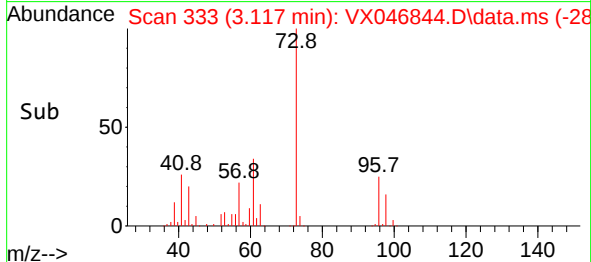
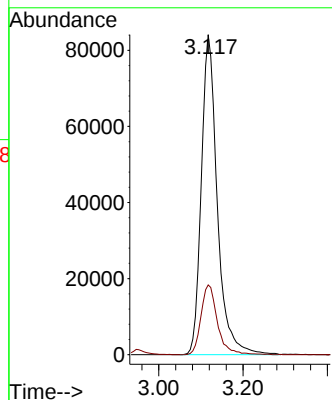
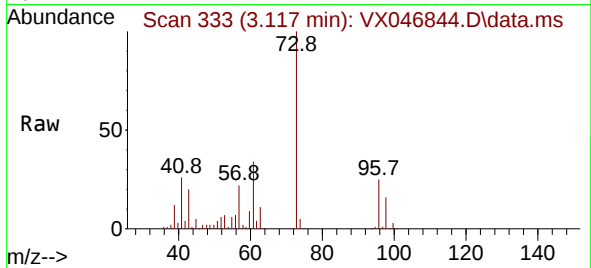
#19
Methyl tert-butyl Ether
Concen: 43.795 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 221700
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.2

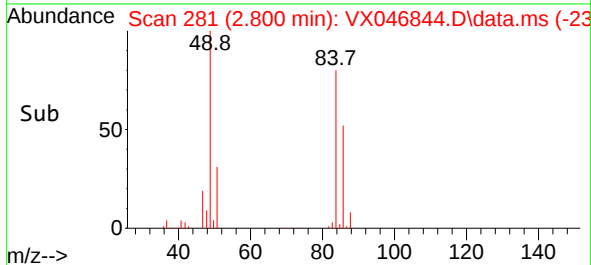
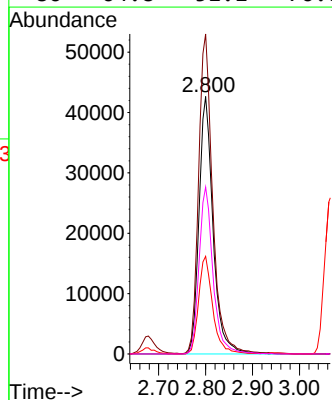
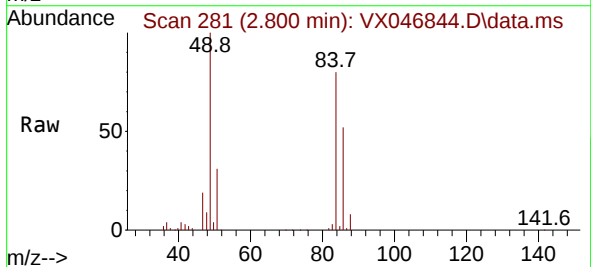
Manual Integrations
APPROVED

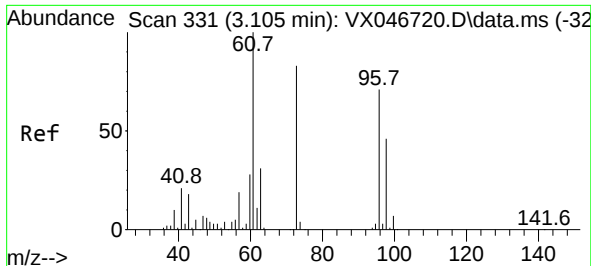
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#20
Methylene Chloride
Concen: 47.130 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

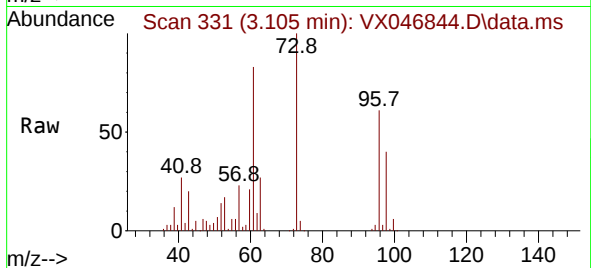
Tgt Ion: 84 Resp: 88986
Ion Ratio Lower Upper
84 100
49 124.1 101.3 151.9
51 37.9 31.0 46.6
86 64.8 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 46.714 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

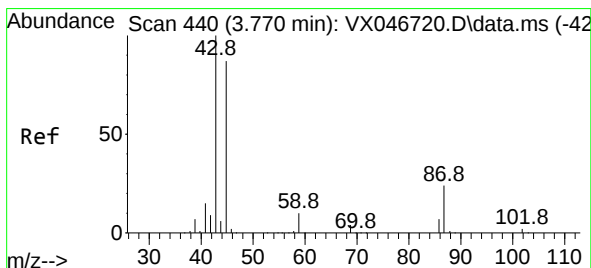
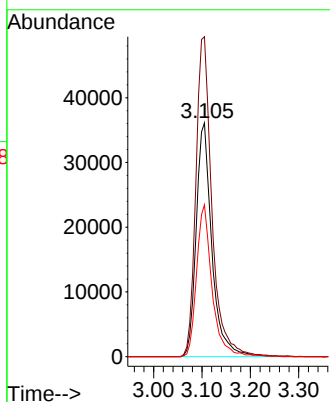
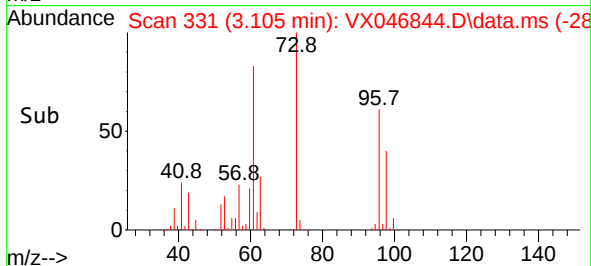
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 8126
Ion Ratio Lower Upper
96 100
61 136.9 112.5 168.7
98 64.9 51.9 77.9

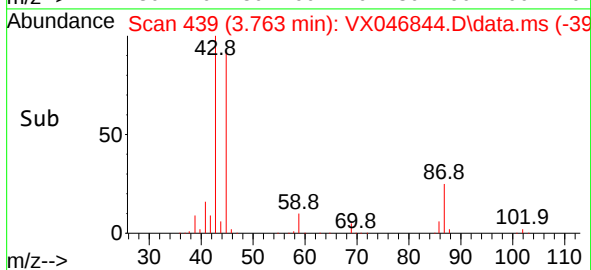
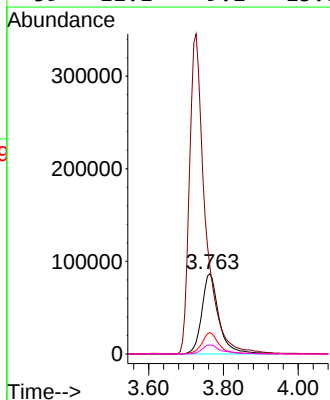
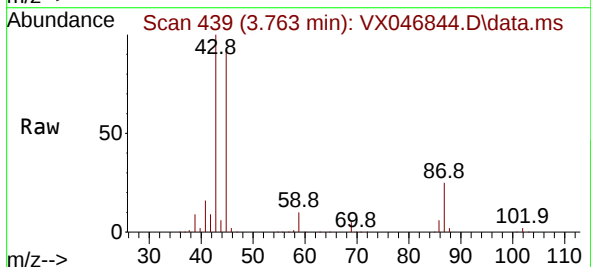
Manual Integrations
APPROVED

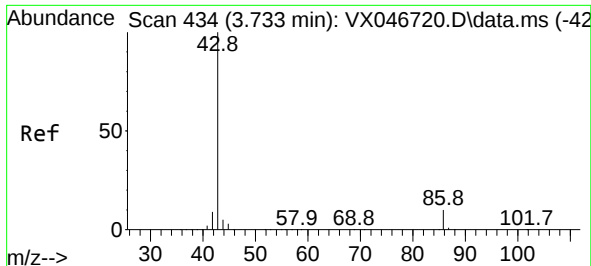
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#22
Diisopropyl ether
Concen: 48.785 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Tgt Ion: 45 Resp: 276221
Ion Ratio Lower Upper
45 100
43 108.0 91.9 137.9
87 26.8 22.0 33.0
59 11.1 9.1 13.7





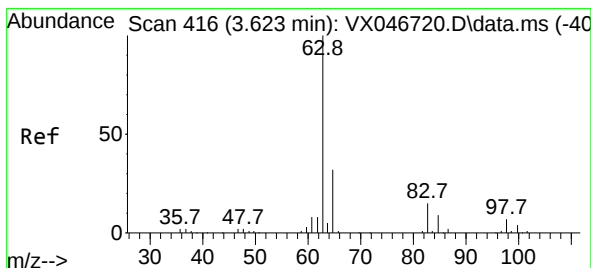
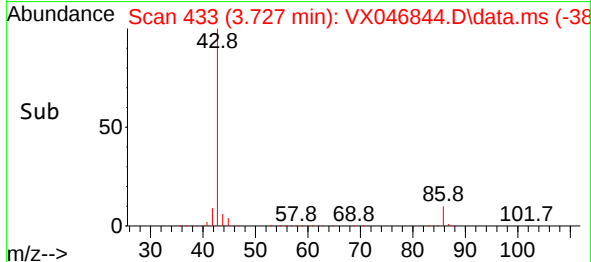
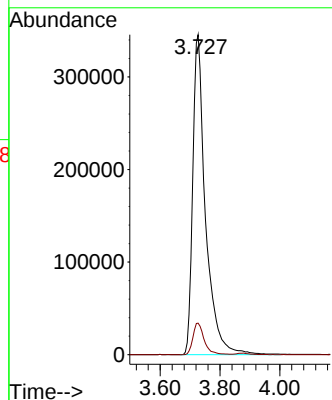
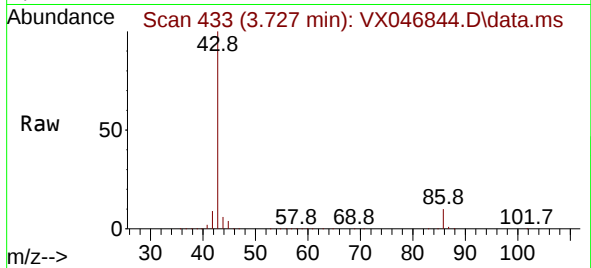
#23
 Vinyl Acetate
 Concen: 227.815 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX046844.D
 Acq: 01 Jul 2025 08:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 102572
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2

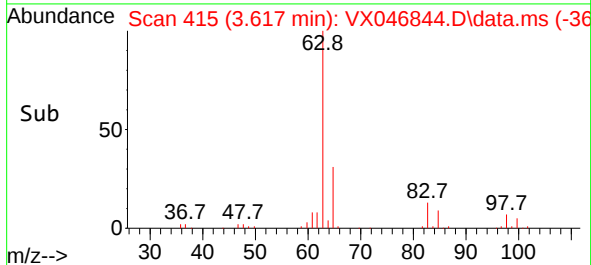
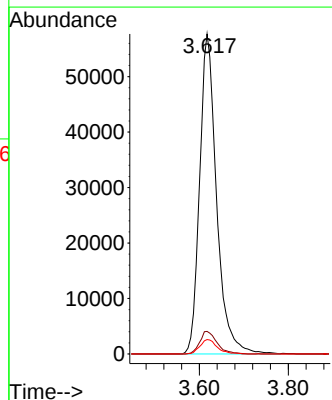
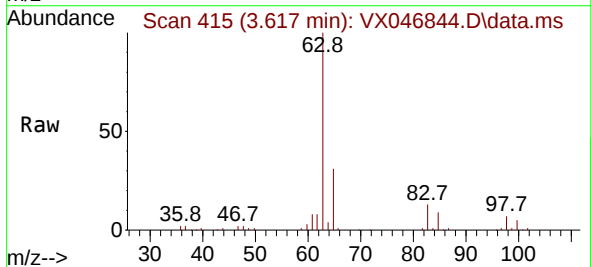
Manual Integrations
 APPROVED

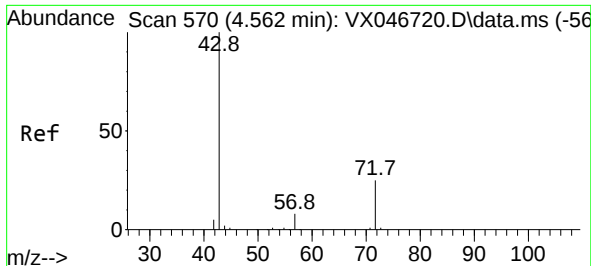
Reviewed By :John Carlone 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025



#24
 1,1-Dichloroethane
 Concen: 47.644 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.006 min
 Lab File: VX046844.D
 Acq: 01 Jul 2025 08:53

Tgt Ion: 63 Resp: 153162
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 11.9
 100 4.5 2.2 6.6





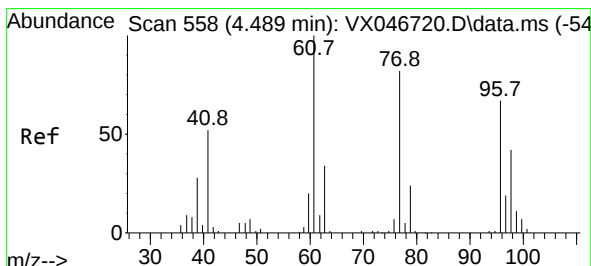
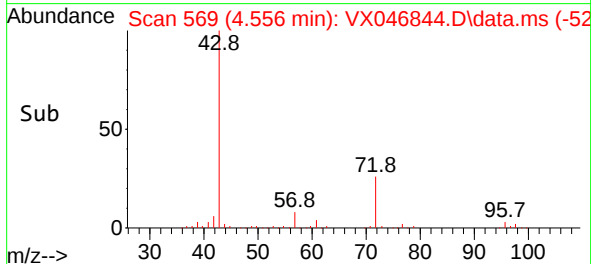
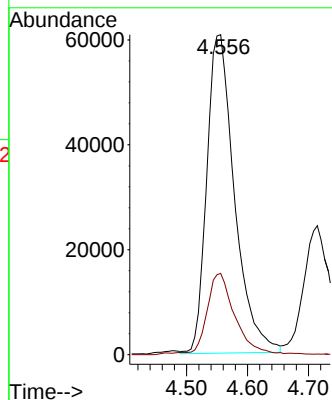
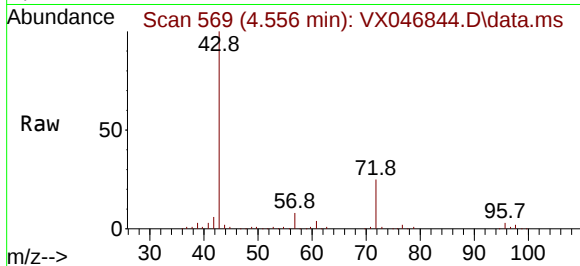
#25
2-Butanone
Concen: 200.276 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 19230
Ion Ratio Lower Upper
43 100
72 25.2 20.2 30.4

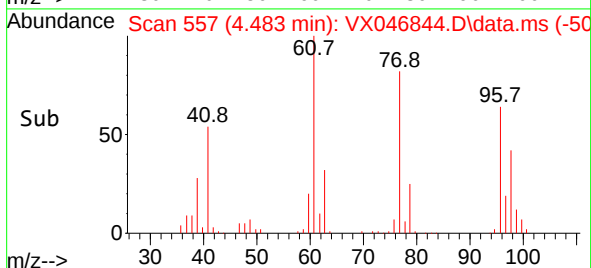
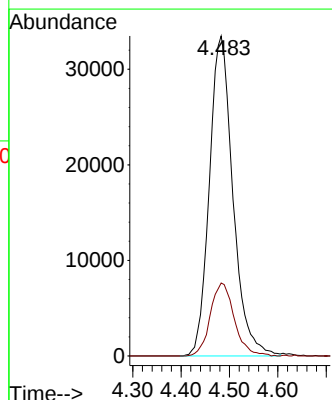
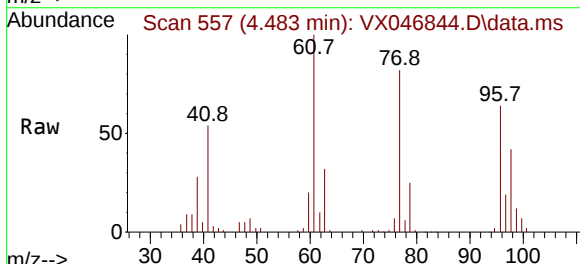
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#26
2,2-Dichloropropane
Concen: 48.372 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Tgt Ion: 77 Resp: 113415
Ion Ratio Lower Upper
77 100
97 23.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 47.538 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 97159

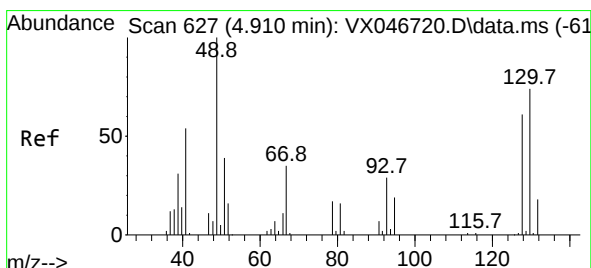
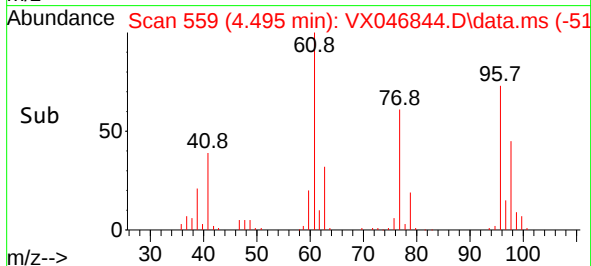
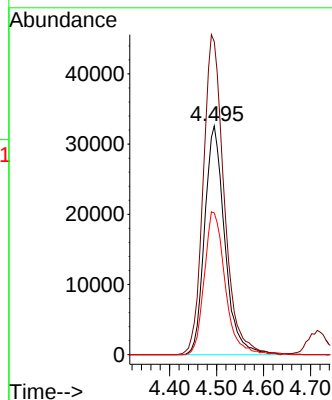
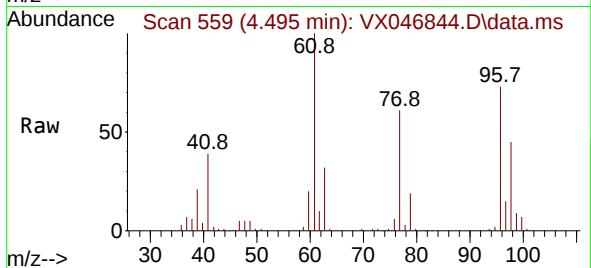
Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	291.0
98	64.4	0.0	126.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#28

Bromochloromethane

Concen: 54.107 ug/l

RT: 4.903 min Scan# 626

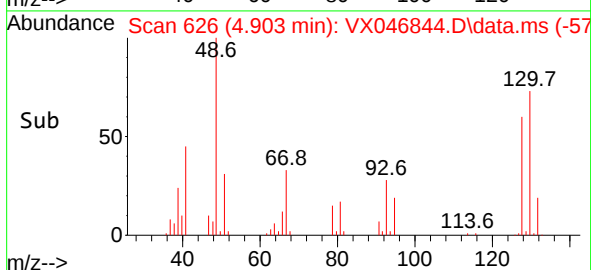
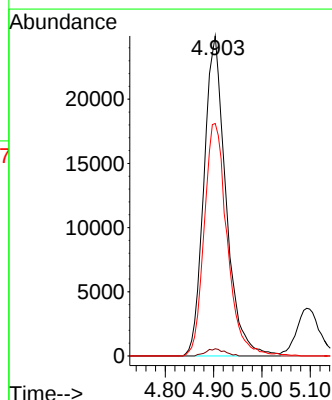
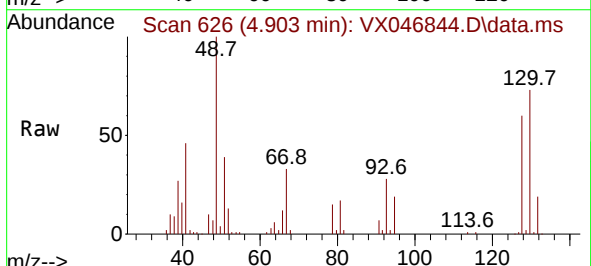
Delta R.T. -0.006 min

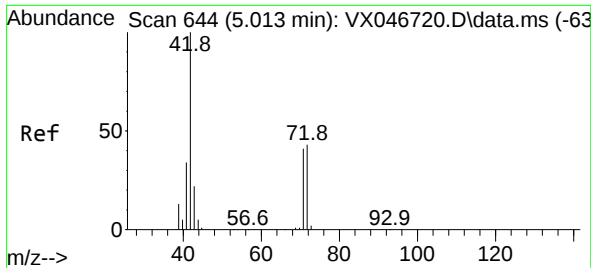
Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

Tgt Ion: 49 Resp: 78857

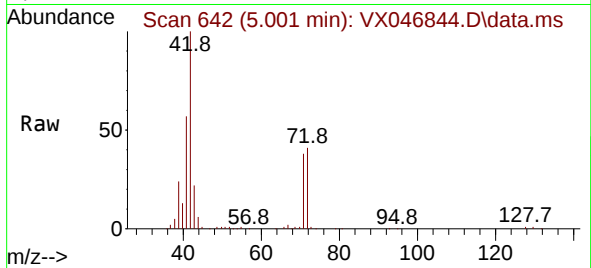
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	75.5	61.4	92.0





#29
Tetrahydrofuran
Concen: 194.772 ug/l
RT: 5.001 min Scan# 644
Delta R.T. -0.012 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

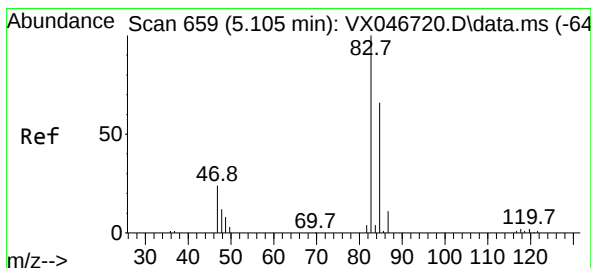
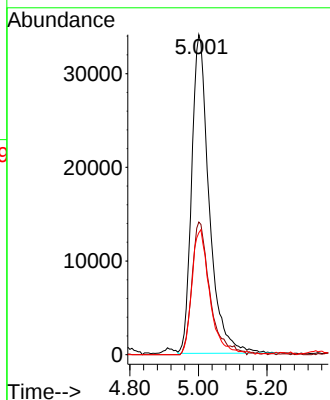
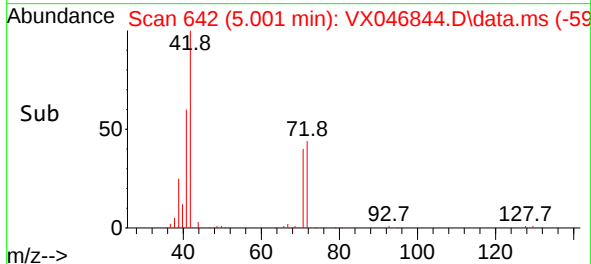
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 120800
Ion Ratio Lower Upper
42 100
72 42.8 34.9 52.3
71 40.3 32.2 48.2

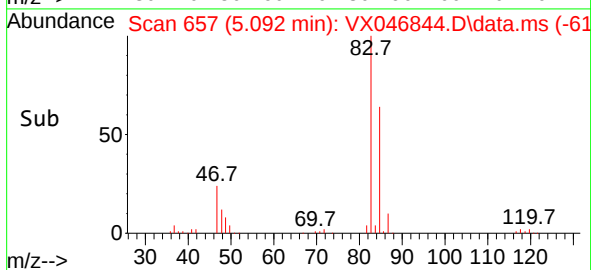
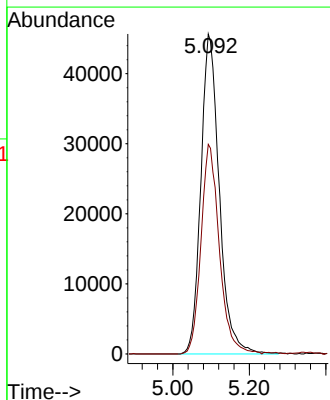
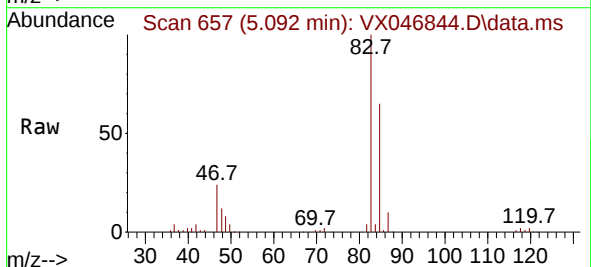
Manual Integrations
APPROVED

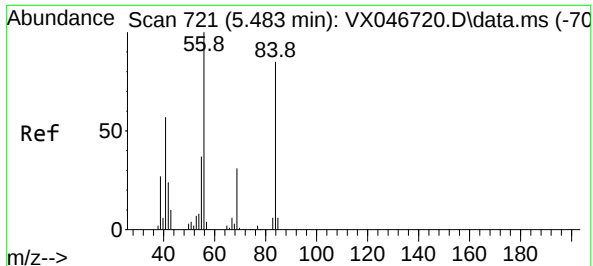
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#30
Chloroform
Concen: 47.540 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.012 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

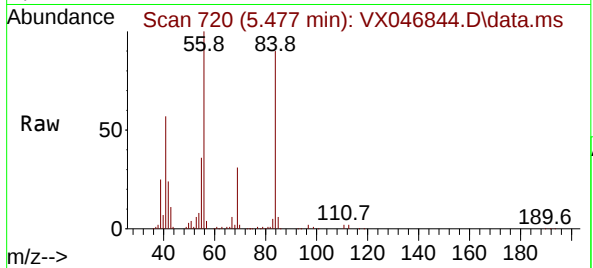
Tgt Ion: 83 Resp: 152835
Ion Ratio Lower Upper
83 100
85 66.6 53.7 80.5





#31
Cyclohexane
Concen: 44.583 ug/l
RT: 5.477 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

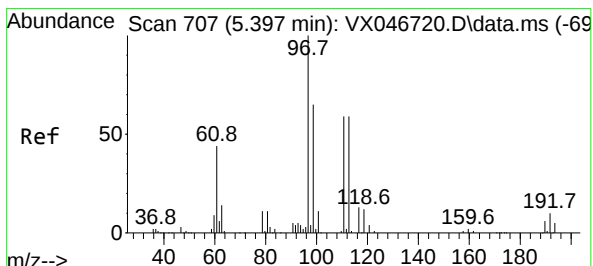
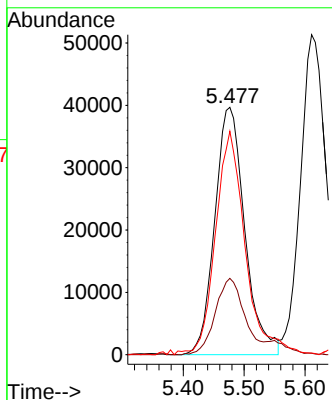
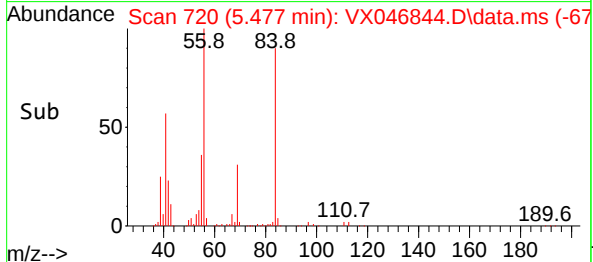
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 135915
Ion Ratio Lower Upper
56 100
69 30.8 24.8 37.2
84 88.8 68.2 102.2

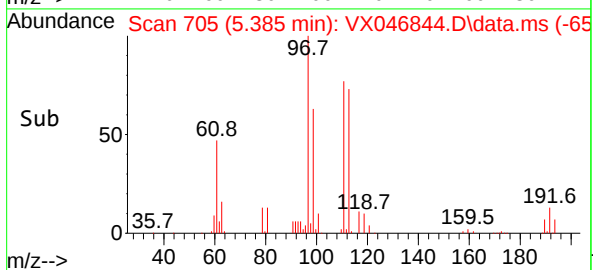
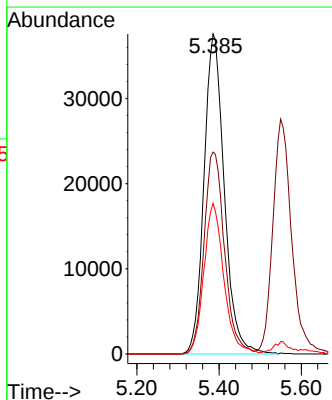
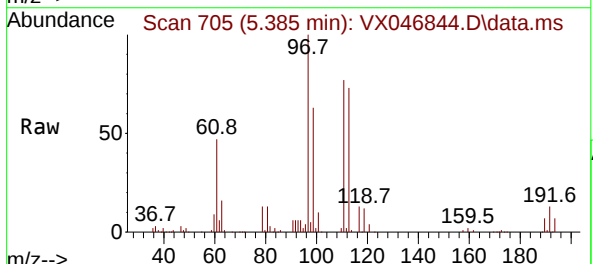
Manual Integrations
APPROVED

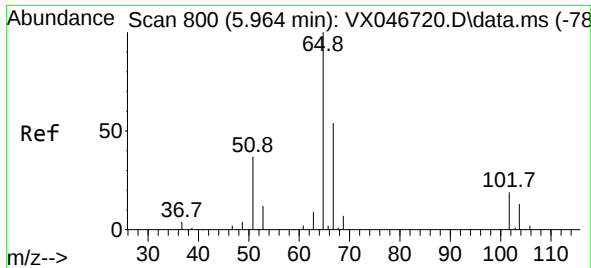
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#32
1,1,1-Trichloroethane
Concen: 45.681 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Tgt Ion: 97 Resp: 128801
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 46.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 50.519 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 10285

Ion Ratio Lower Upper

65 100

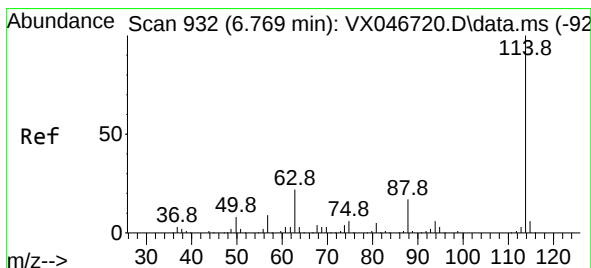
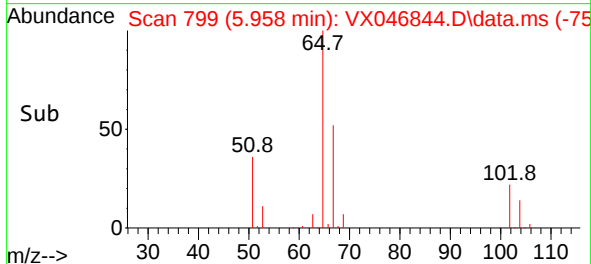
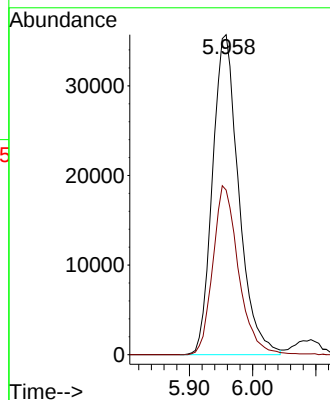
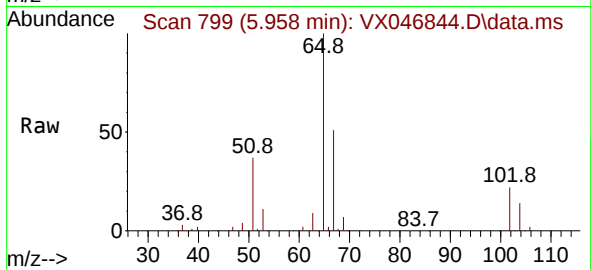
67 51.7 0.0 105.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

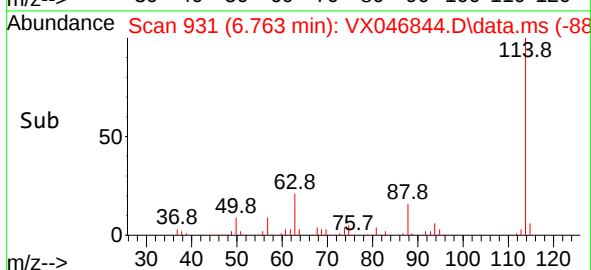
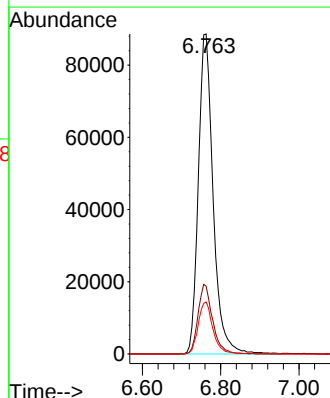
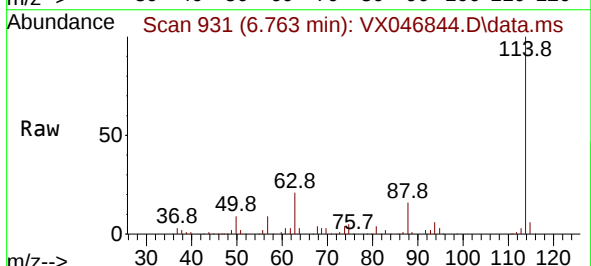
Tgt Ion:114 Resp: 233068

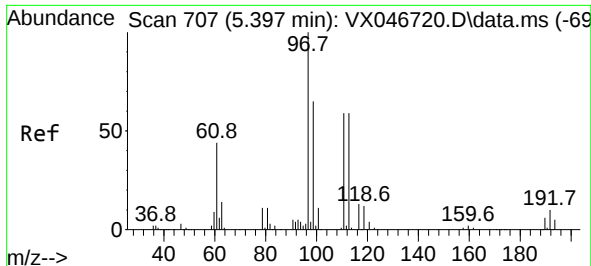
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.2

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 57.422 ug/l

RT: 5.385 min Scan# 707

Delta R.T. -0.012 min

Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 88548

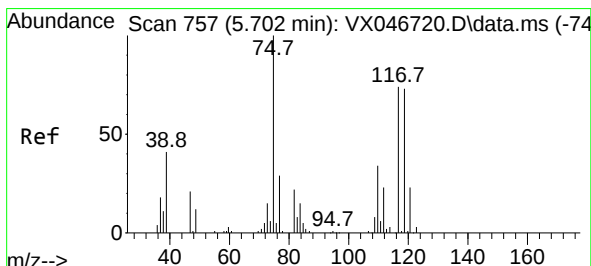
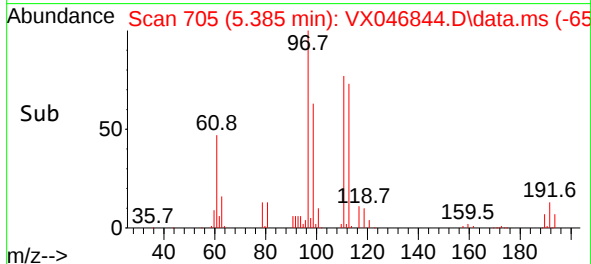
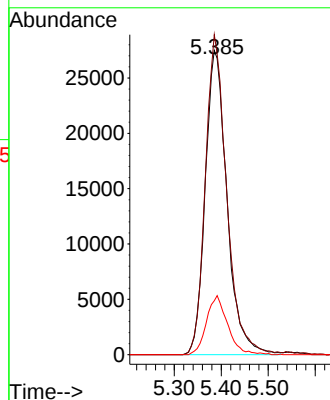
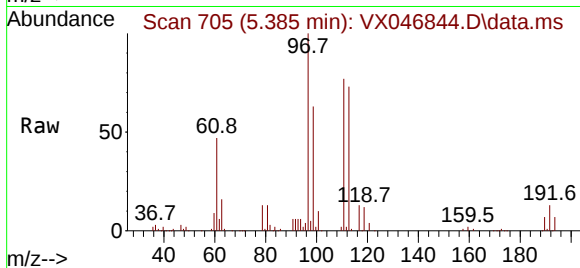
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.0	123.0
192	18.9	15.3	22.9

Manual Integrations

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Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#36

1,1-Dichloropropene

Concen: 47.397 ug/l

RT: 5.696 min Scan# 756

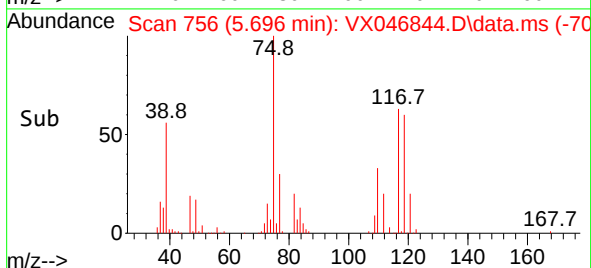
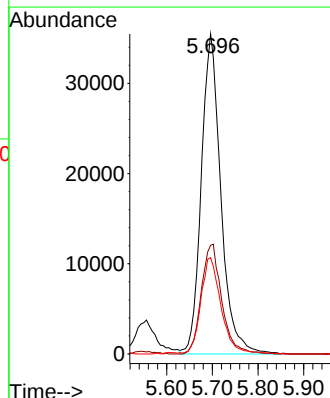
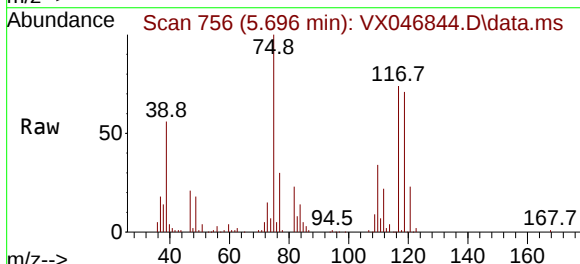
Delta R.T. -0.006 min

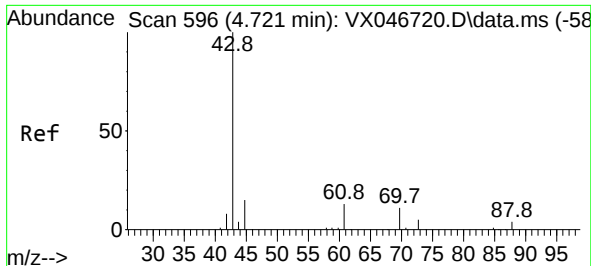
Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

Tgt Ion: 75 Resp: 105506

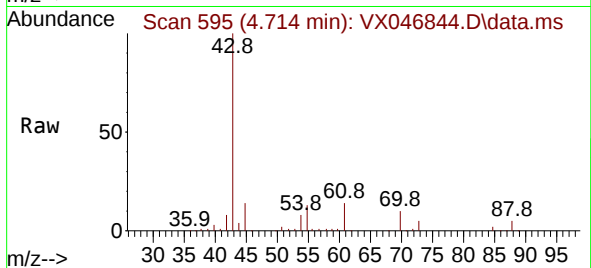
Ion	Ratio	Lower	Upper
75	100		
110	35.8	17.2	51.5
77	31.3	24.2	36.4





#37
Ethyl Acetate
Concen: 41.370 ug/l
RT: 4.714 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

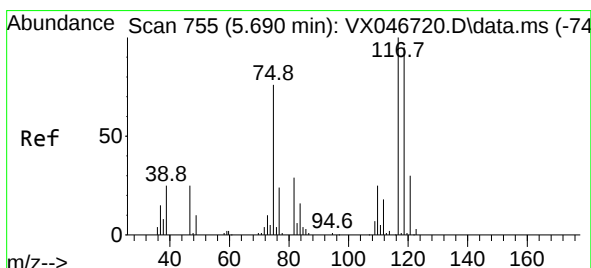
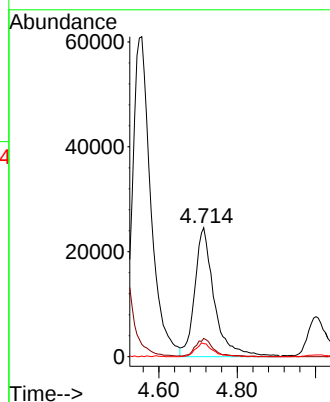
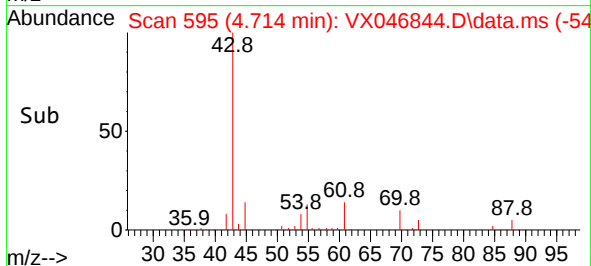
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 85004
Ion Ratio Lower Upper
43 100
61 11.4 9.7 14.5
70 9.5 8.1 12.1

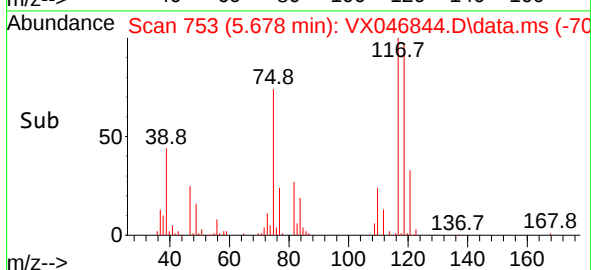
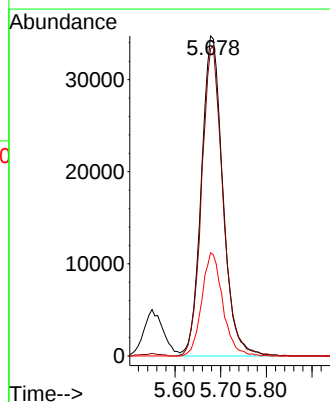
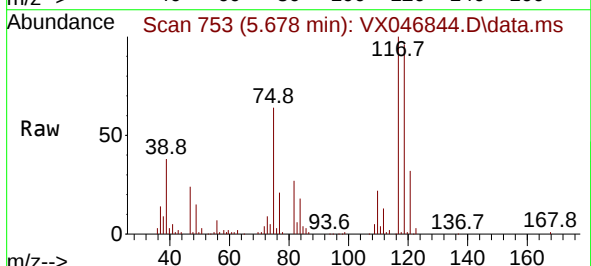
Manual Integrations
APPROVED

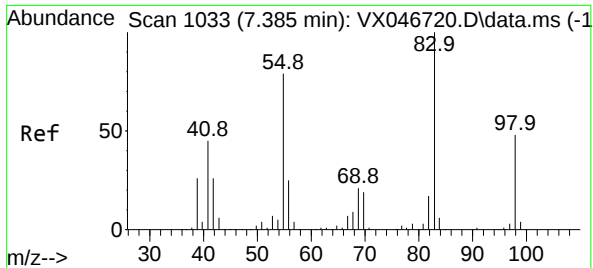
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#38
Carbon Tetrachloride
Concen: 46.870 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.012 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

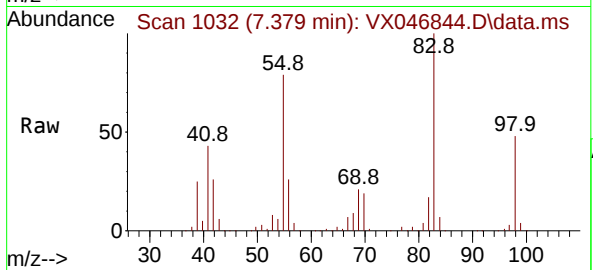
Tgt Ion:117 Resp: 113228
Ion Ratio Lower Upper
117 100
119 96.0 75.2 112.8
121 32.3 24.1 36.1





#39
Methylcyclohexane
Concen: 45.890 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

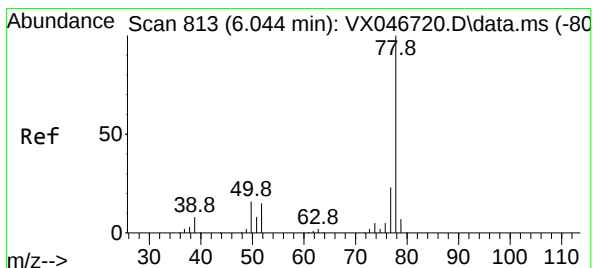
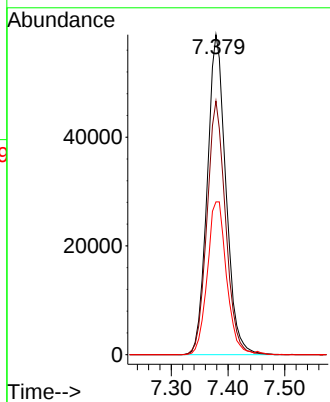
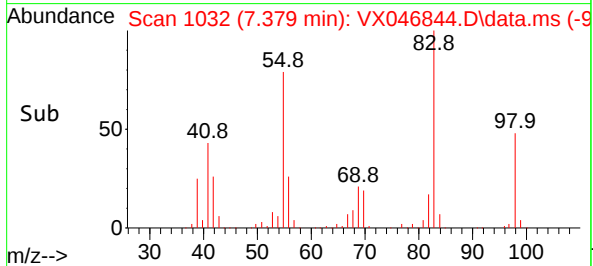
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 13442
Ion Ratio Lower Upper
83 100
55 79.3 63.0 94.4
98 47.7 38.8 58.2

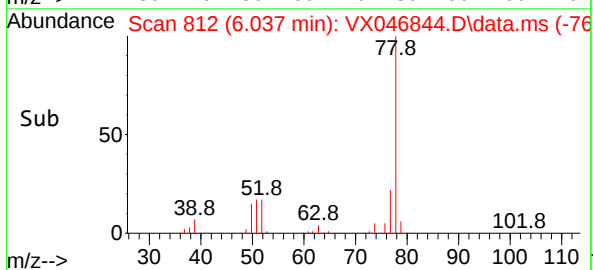
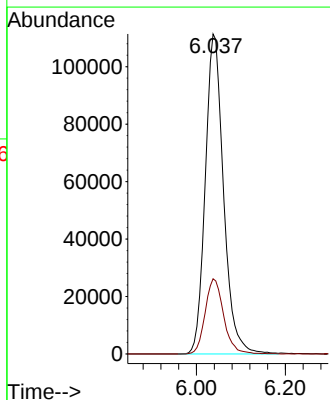
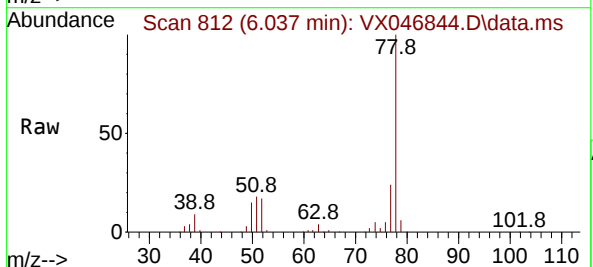
Manual Integrations
APPROVED

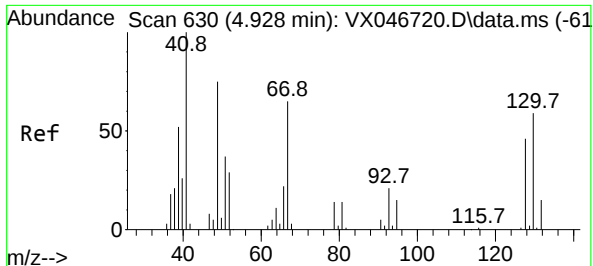
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#40
Benzene
Concen: 48.353 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Tgt Ion: 78 Resp: 318544
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2





#41
Methacrylonitrile
Concen: 45.126 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

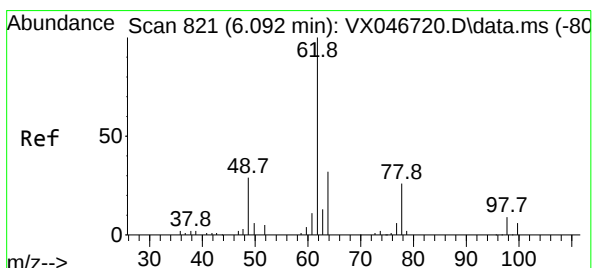
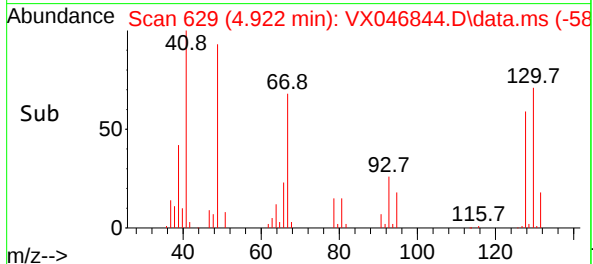
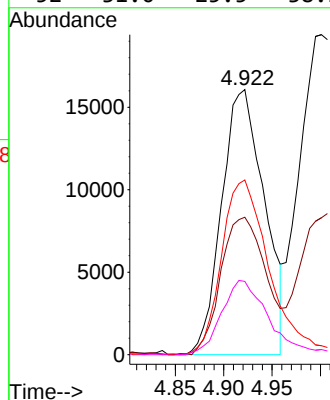
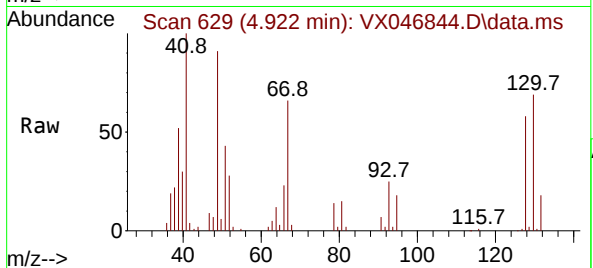
Tgt Ion: 41 Resp: 4943
Ion Ratio Lower Upper
41 100
39 54.5 45.9 68.9
67 74.6 61.2 91.8
52 31.0 25.5 38.3

Manual Integrations

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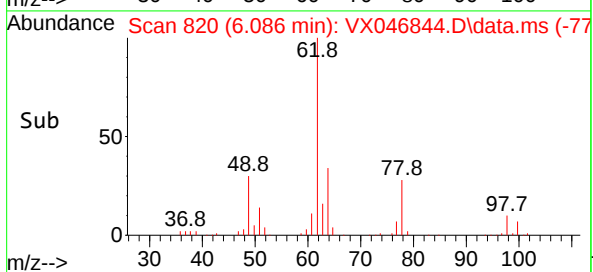
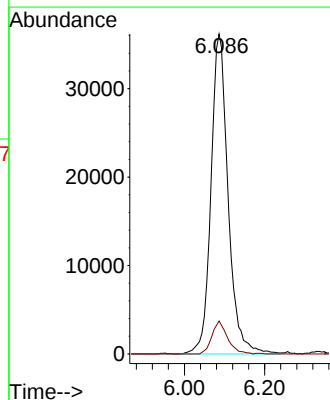
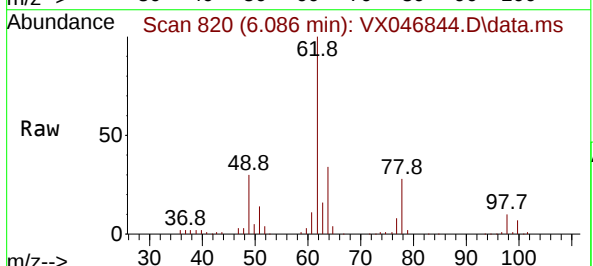
Reviewed By :John Carlone 07/03/2025

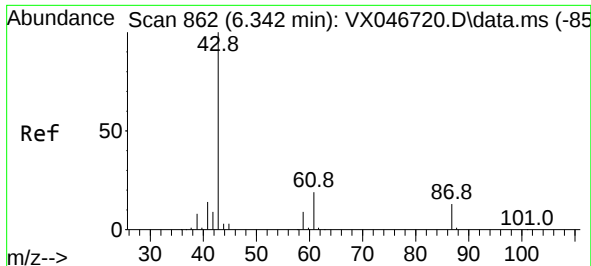
Supervised By :Mahesh Dadoda 07/03/2025



#42
1,2-Dichloroethane
Concen: 46.308 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

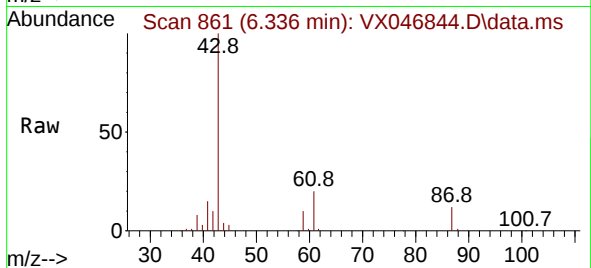
Tgt Ion: 62 Resp: 107203
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.8





#43
Isopropyl Acetate
Concen: 42.021 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

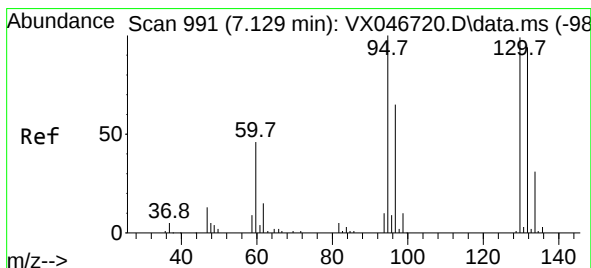
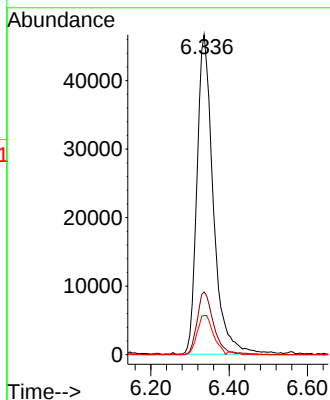
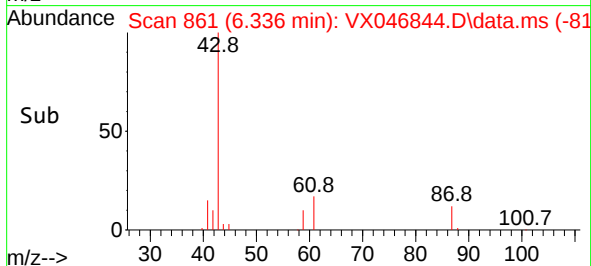
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 13510
Ion Ratio Lower Upper
43 100
61 20.1 15.3 22.9
87 12.1 10.0 15.0

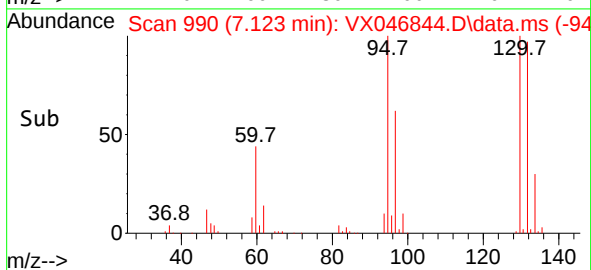
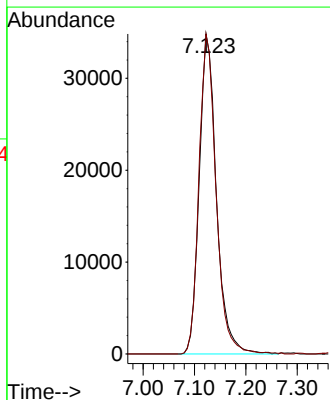
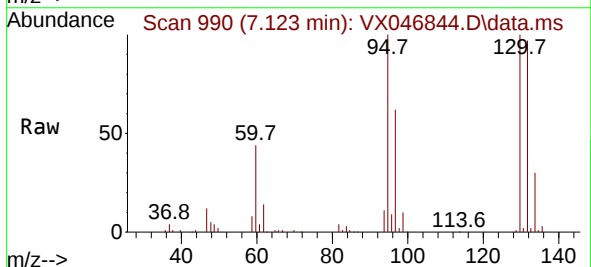
Manual Integrations
APPROVED

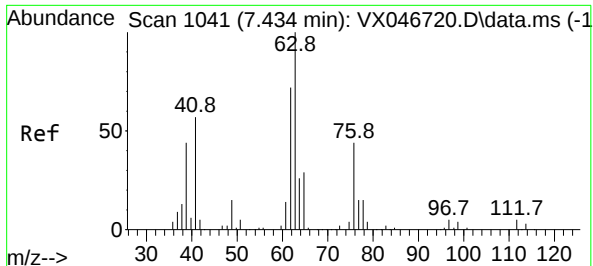
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#44
Trichloroethene
Concen: 48.192 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Tgt Ion:130 Resp: 80910
Ion Ratio Lower Upper
130 100
95 99.8 0.0 202.6





#45

1,2-Dichloropropane

Concen: 48.703 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7951

Ion Ratio Lower Upper

63 100

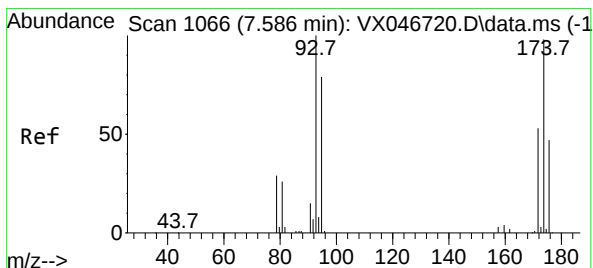
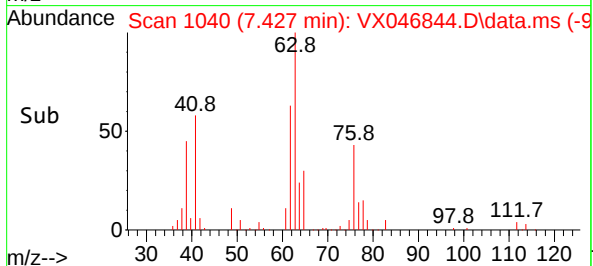
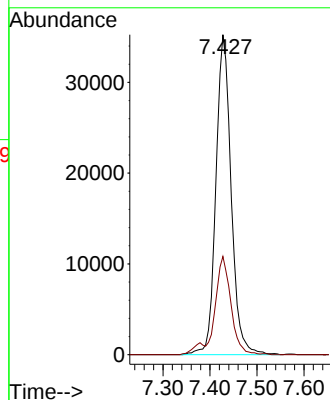
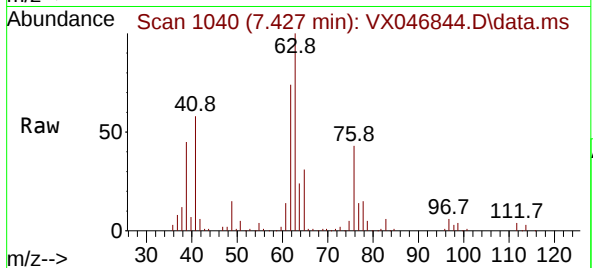
65 30.7 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#46

Dibromomethane

Concen: 47.203 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

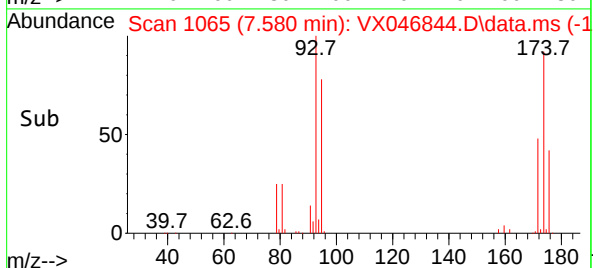
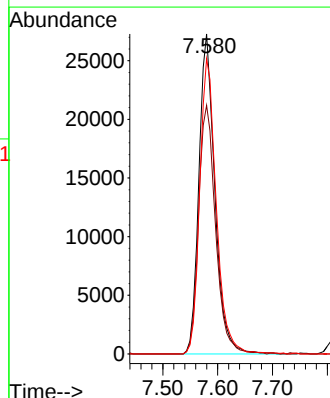
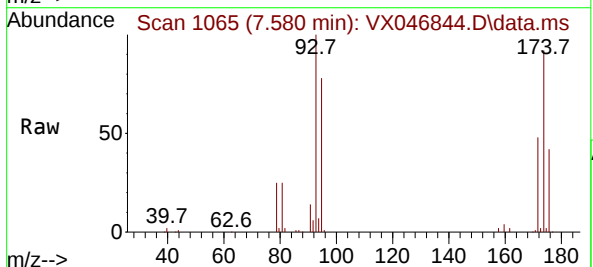
Tgt Ion: 93 Resp: 55387

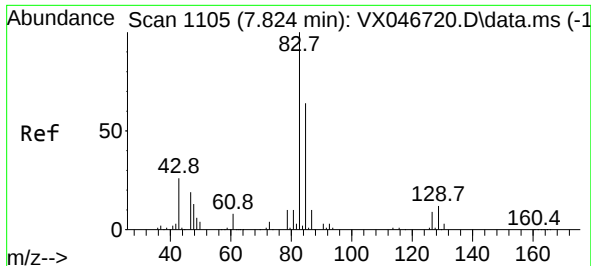
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.4

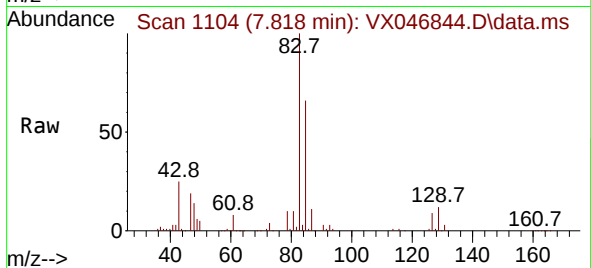
174 95.6 77.0 115.6





#47
Bromodichloromethane
Concen: 49.386 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

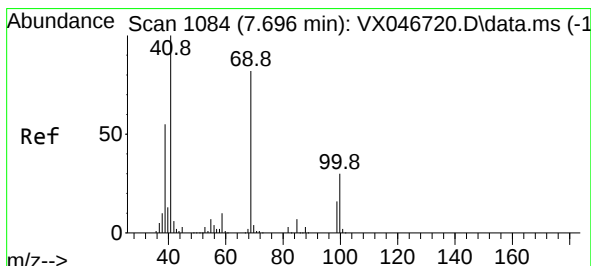
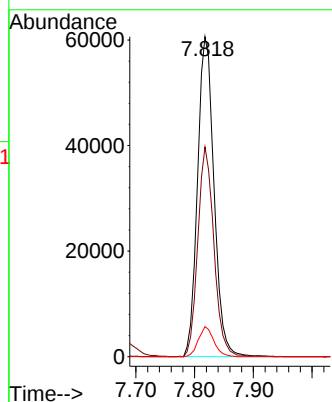
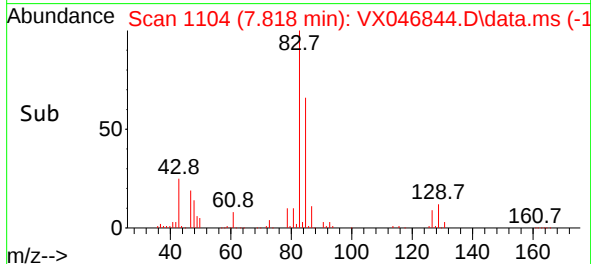
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 118250
Ion Ratio Lower Upper
83 100
85 65.5 51.4 77.2
127 9.4 6.9 10.3

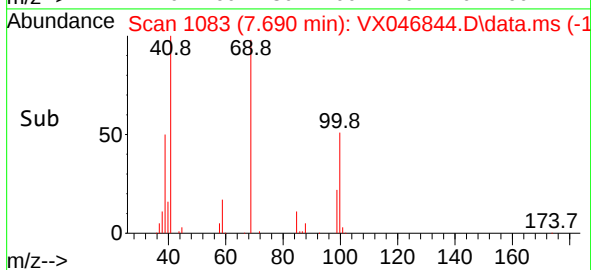
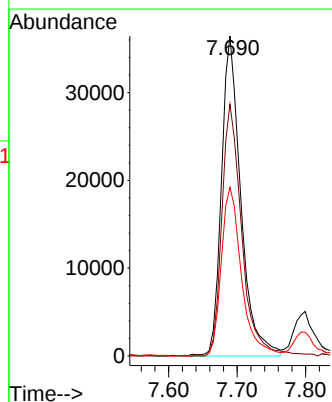
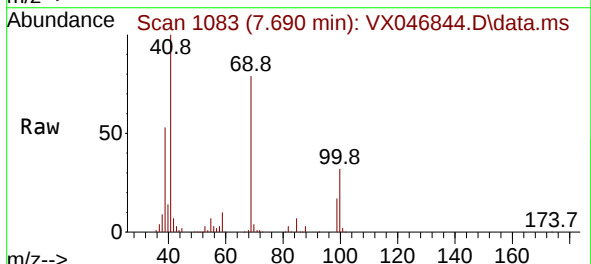
Manual Integrations
APPROVED

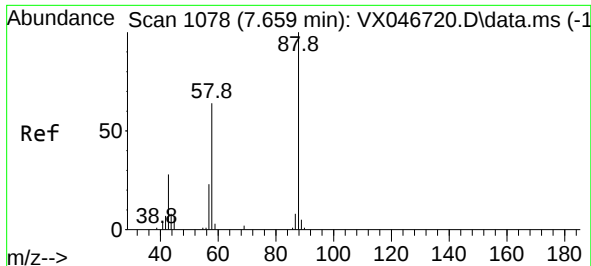
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#48
Methyl methacrylate
Concen: 44.303 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Tgt Ion: 41 Resp: 71440
Ion Ratio Lower Upper
41 100
69 80.9 63.4 95.2
39 54.9 45.4 68.0





#49

1,4-Dioxane

Concen: 718.178 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. -0.006 min

Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 1665

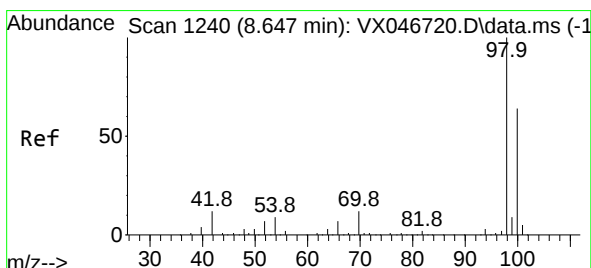
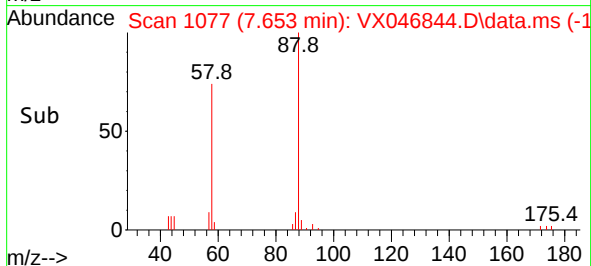
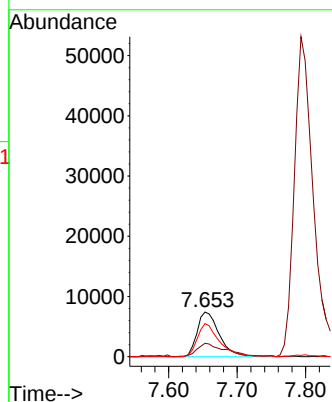
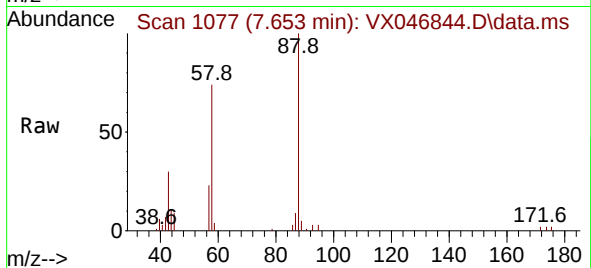
Ion	Ratio	Lower	Upper
88	100		
43	38.7	31.2	46.8
58	73.7	54.7	82.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#50

Toluene-d8

Concen: 54.891 ug/l

RT: 8.647 min Scan# 1240

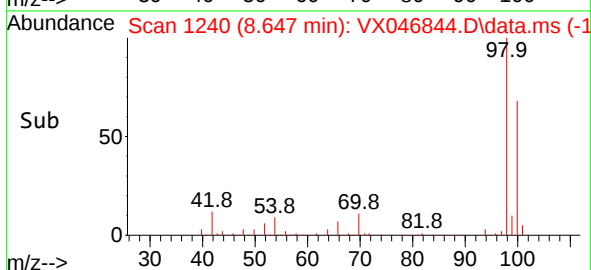
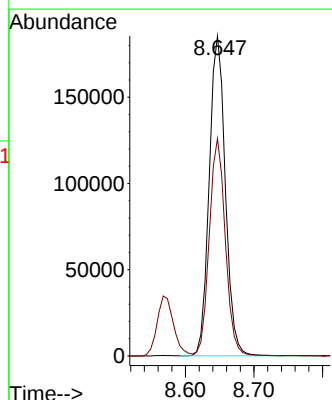
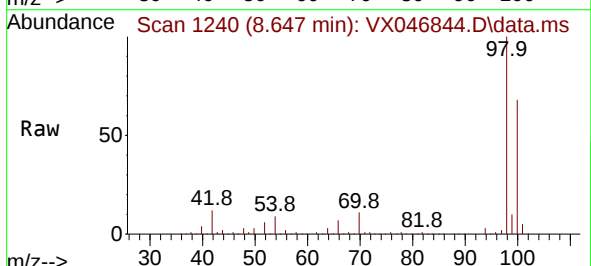
Delta R.T. -0.000 min

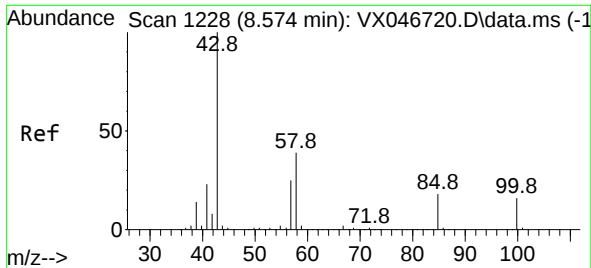
Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

Tgt Ion: 98 Resp: 304112

Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.0	79.4





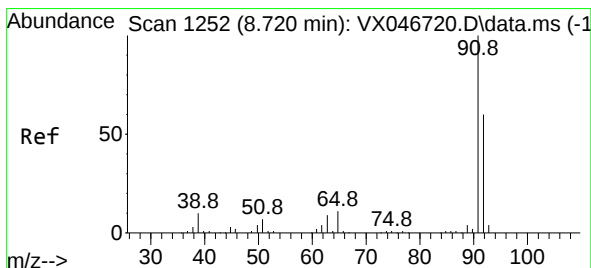
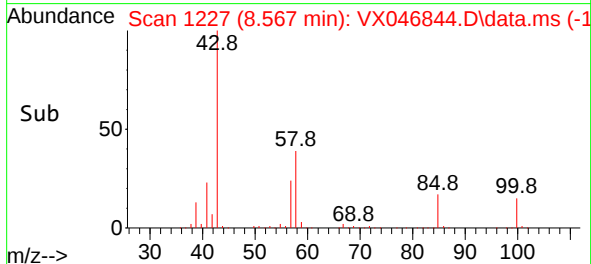
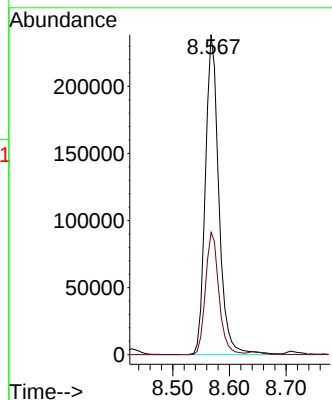
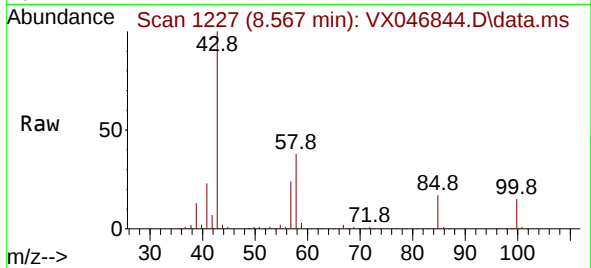
#51
4-Methyl-2-Pentanone
Concen: 204.929 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 39298
Ion Ratio Lower Upper
43 100
58 38.2 30.8 46.2

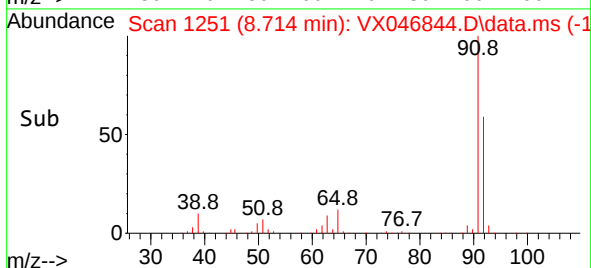
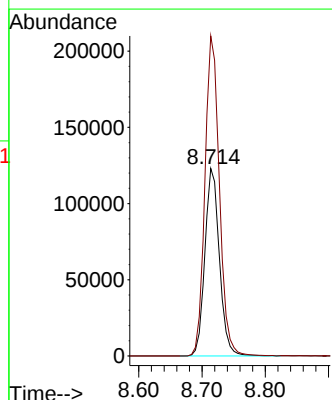
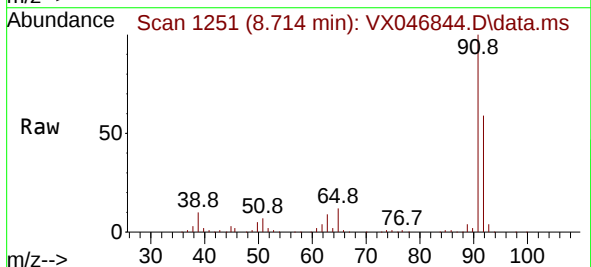
Manual Integrations
APPROVED

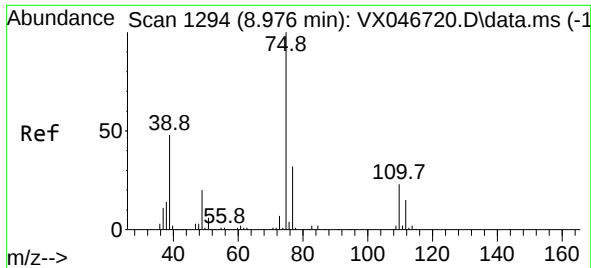
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#52
Toluene
Concen: 48.157 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

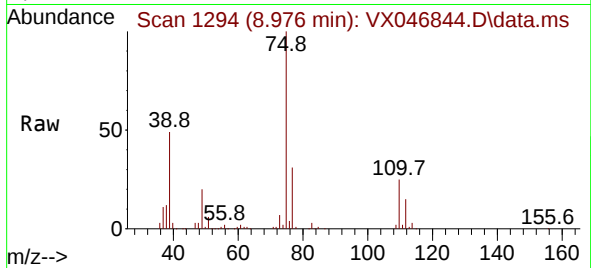
Tgt Ion: 92 Resp: 196675
Ion Ratio Lower Upper
92 100
91 170.1 134.8 202.2





#53
t-1,3-Dichloropropene
Concen: 48.232 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

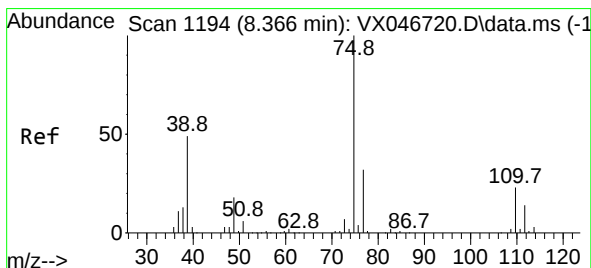
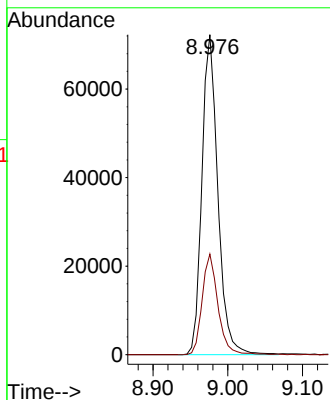
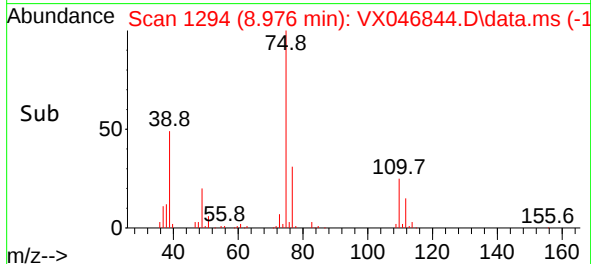
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



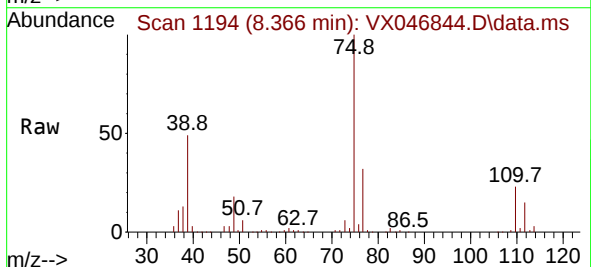
Tgt Ion: 75 Resp: 107158
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

Manual Integrations
APPROVED

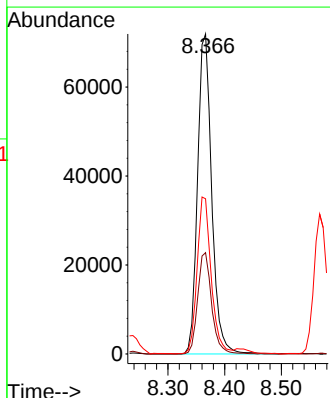
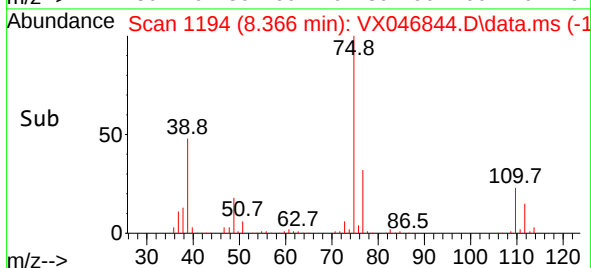
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

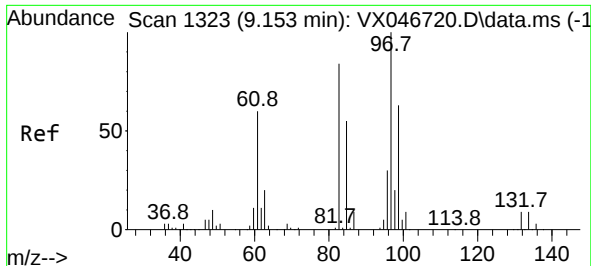


#54
cis-1,3-Dichloropropene
Concen: 49.280 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53



Tgt Ion: 75 Resp: 124290
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 47.7 39.2 58.8





#55
 1,1,2-Trichloroethane
 Concen: 47.283 ug/l
 RT: 9.147 min Scan# 1323
 Delta R.T. -0.006 min
 Lab File: VX046844.D
 Acq: 01 Jul 2025 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 7196

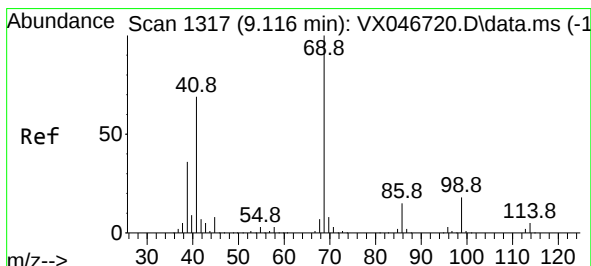
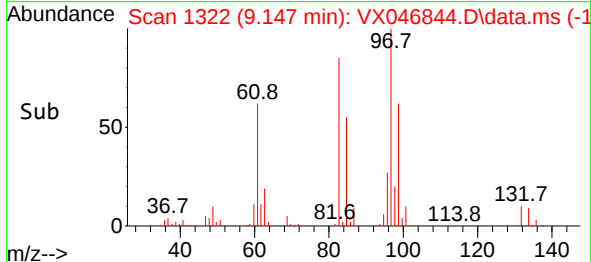
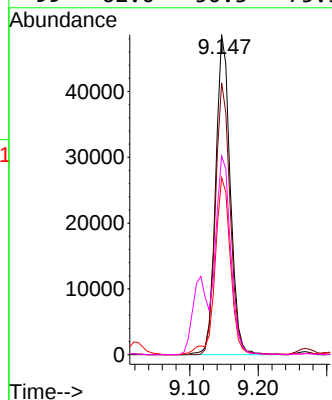
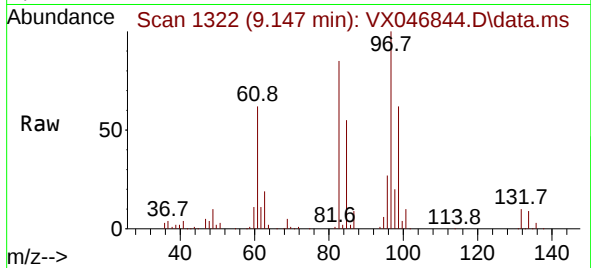
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.2	100.8
85	55.3	44.1	66.1
99	62.0	50.3	75.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

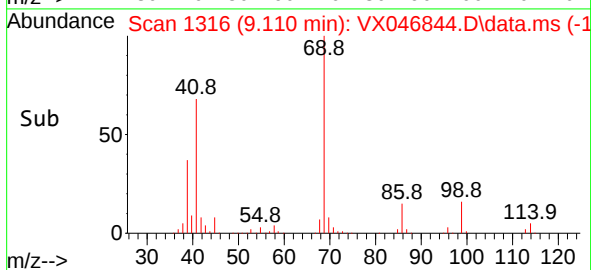
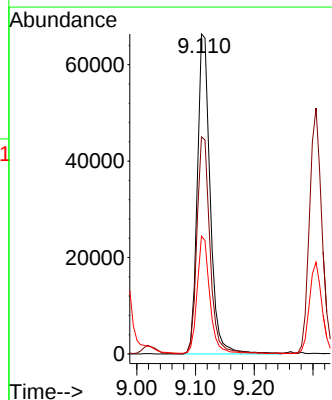
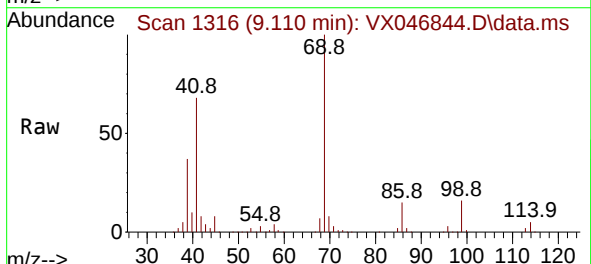
Supervised By :Mahesh Dadoda 07/03/2025

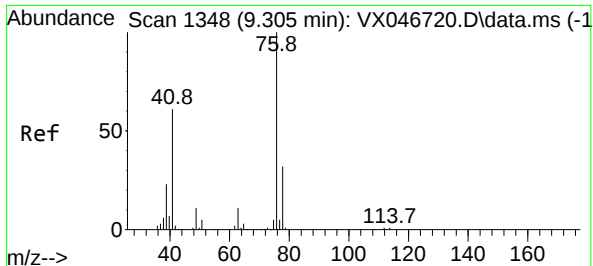


#56
 Ethyl methacrylate
 Concen: 44.934 ug/l
 RT: 9.110 min Scan# 1316
 Delta R.T. -0.006 min
 Lab File: VX046844.D
 Acq: 01 Jul 2025 08:53

Tgt Ion: 69 Resp: 100953

Ion	Ratio	Lower	Upper
69	100		
41	69.5	55.4	83.2
39	36.3	29.7	44.5





#57

1,3-Dichloropropane

Concen: 46.867 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 122830

Ion Ratio Lower Upper

76 100

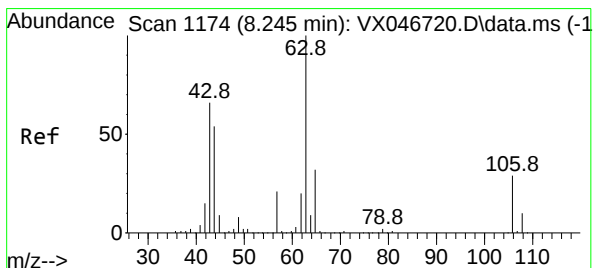
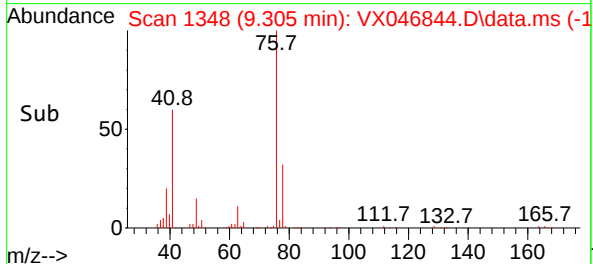
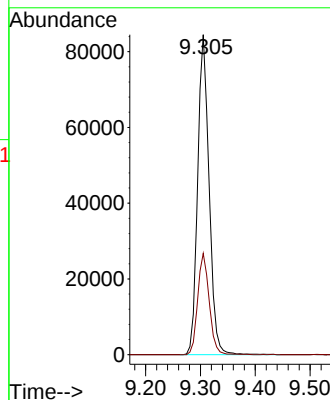
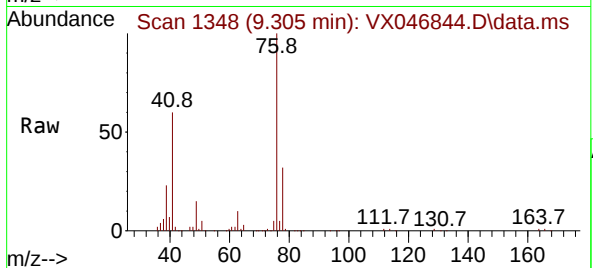
78 31.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 283.350 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX046844.D

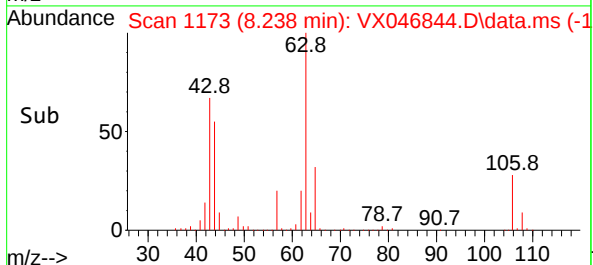
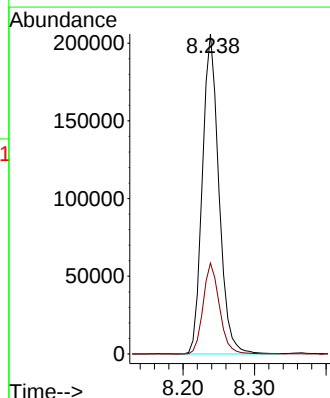
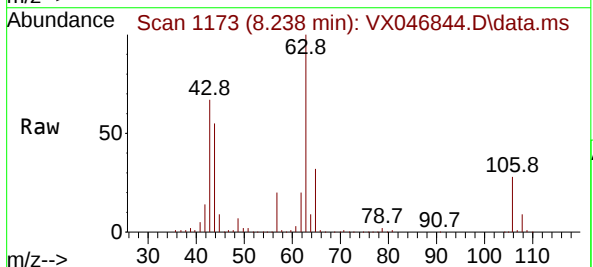
Acq: 01 Jul 2025 08:53

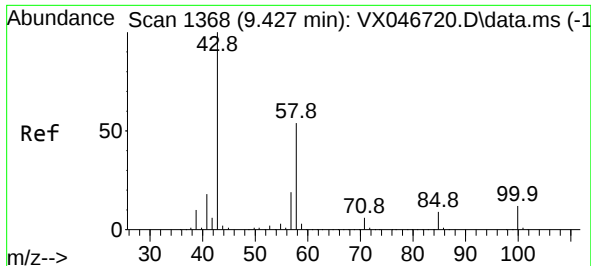
Tgt Ion: 63 Resp: 330687

Ion Ratio Lower Upper

63 100

106 28.1 22.6 34.0





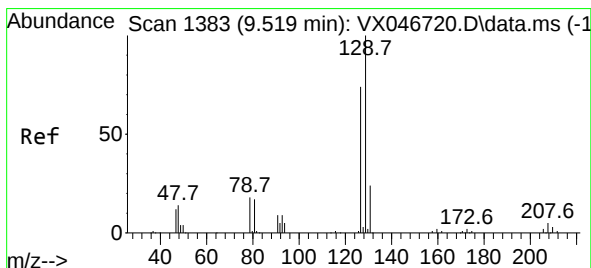
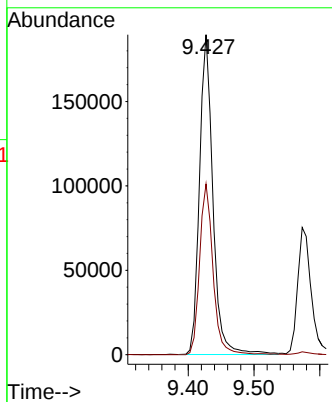
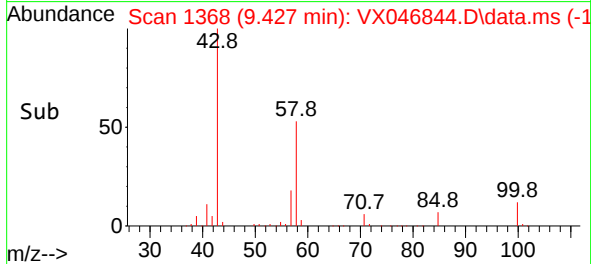
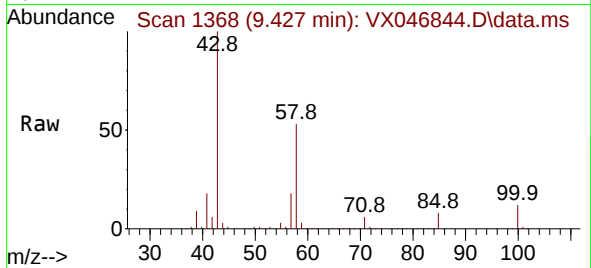
#59
2-Hexanone
Concen: 202.642 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 26865
Ion Ratio Lower Upper
43 100
58 53.7 26.8 80.4

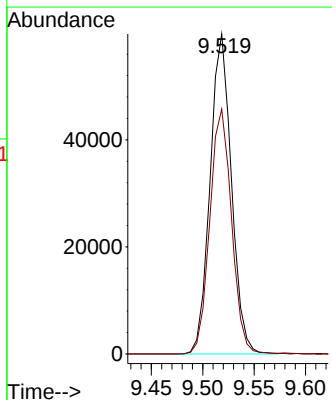
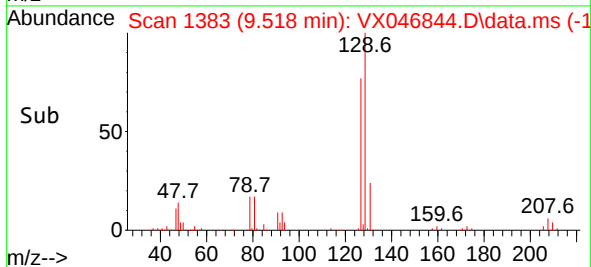
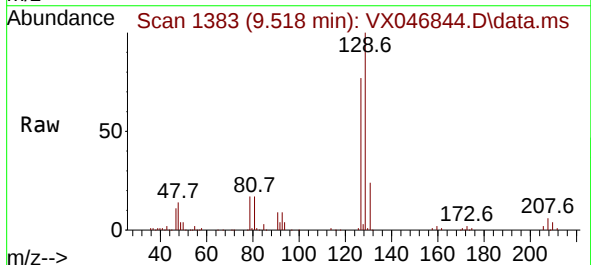
Manual Integrations
APPROVED

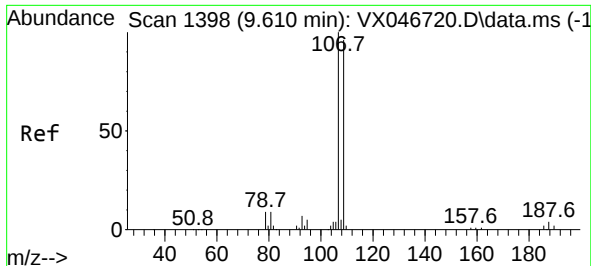
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#60
Dibromochloromethane
Concen: 48.035 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

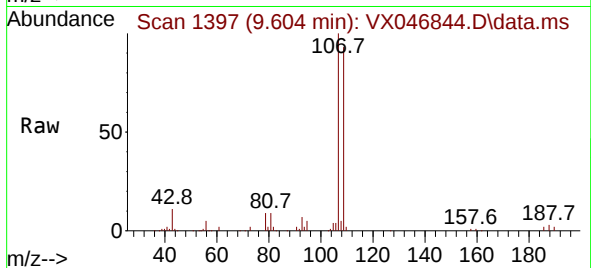
Tgt Ion:129 Resp: 86156
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





#61
1,2-Dibromoethane
Concen: 46.465 ug/l
RT: 9.604 min Scan# 1398
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

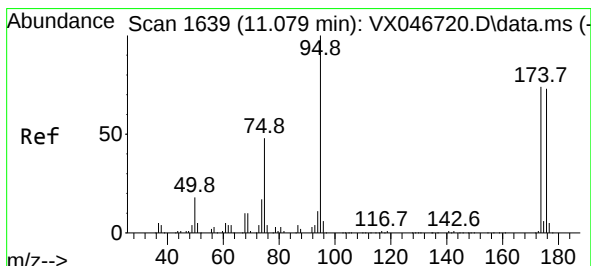
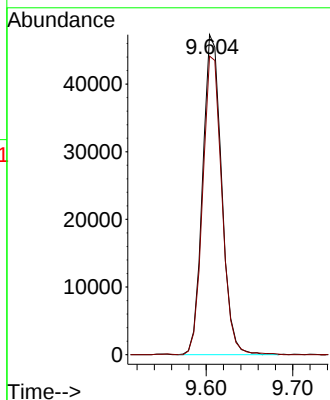
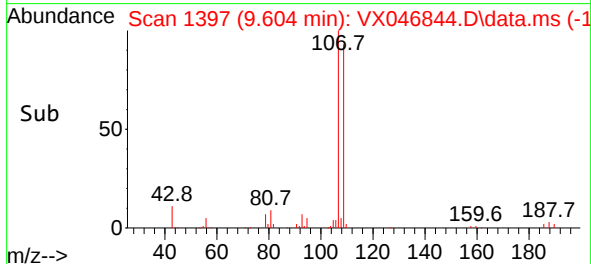
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 71933
Ion Ratio Lower Upper
107 100
109 94.2 75.8 113.6

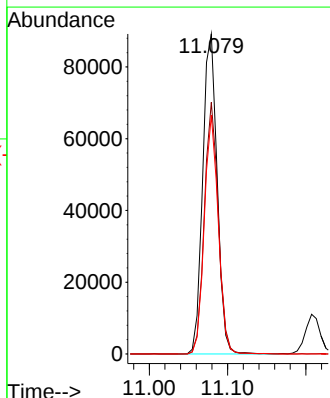
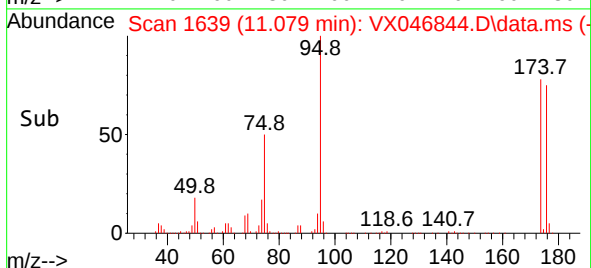
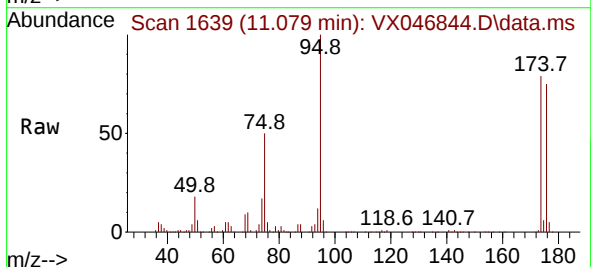
Manual Integrations
APPROVED

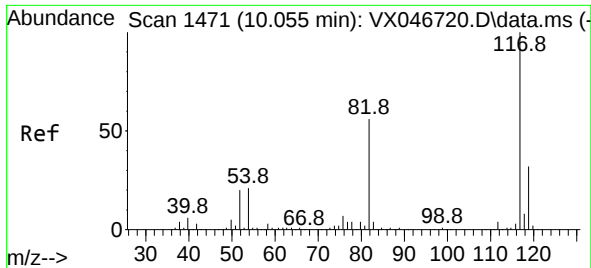
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#62
4-Bromofluorobenzene
Concen: 55.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

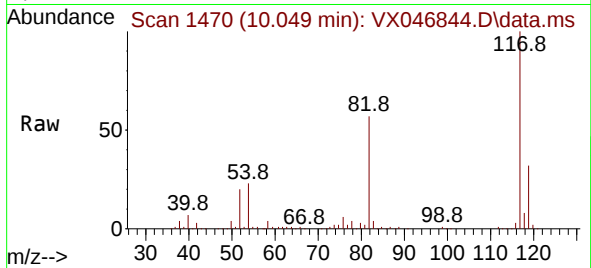
Tgt Ion: 95 Resp: 113978
Ion Ratio Lower Upper
95 100
174 76.3 0.0 150.4
176 72.1 0.0 145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

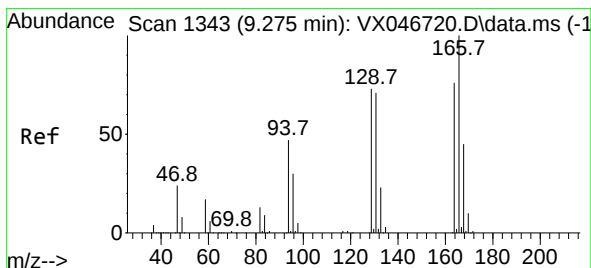
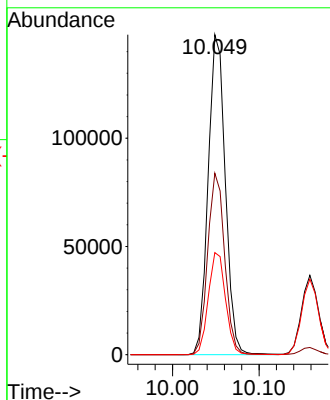
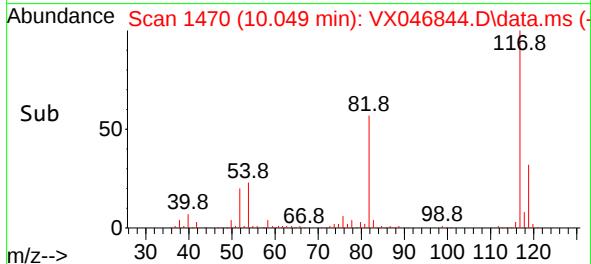
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 203219
Ion Ratio Lower Upper
117 100
82 56.7 44.6 66.8
119 31.9 25.8 38.8

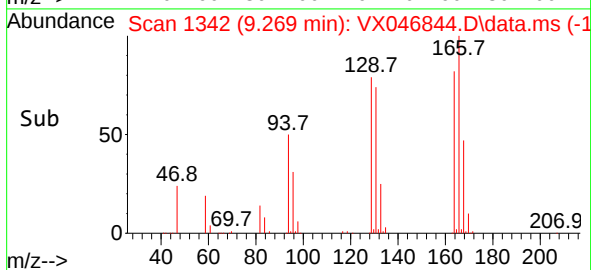
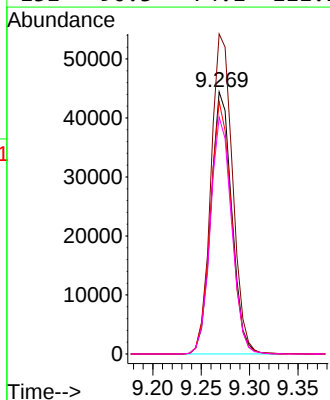
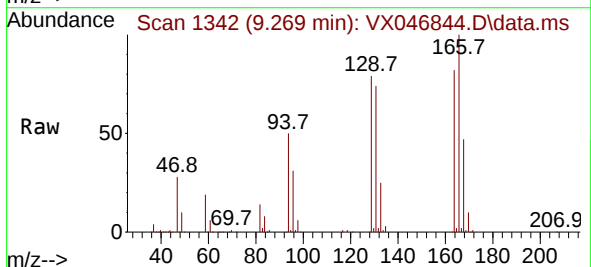
Manual Integrations
APPROVED

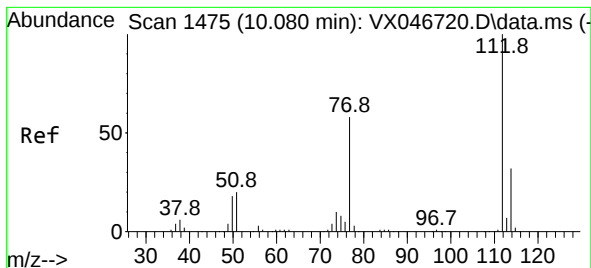
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#64
Tetrachloroethene
Concen: 47.404 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

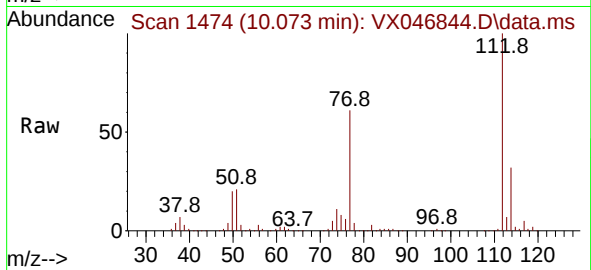
Tgt Ion:164 Resp: 66742
Ion Ratio Lower Upper
164 100
166 122.1 104.6 157.0
129 96.3 76.3 114.5
131 90.3 74.1 111.1





#65
Chlorobenzene
Concen: 48.051 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

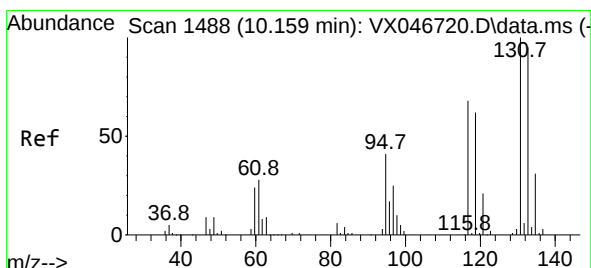
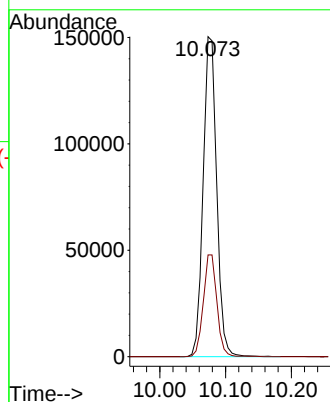
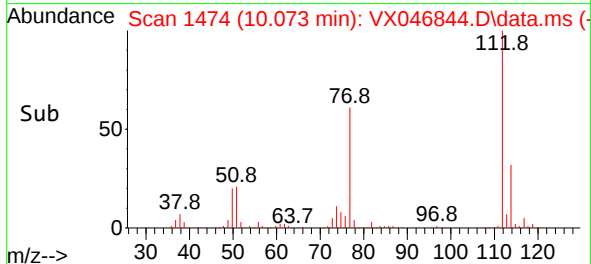
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 21555
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

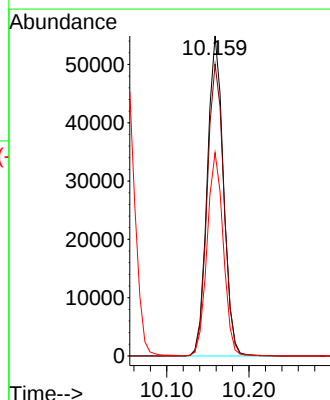
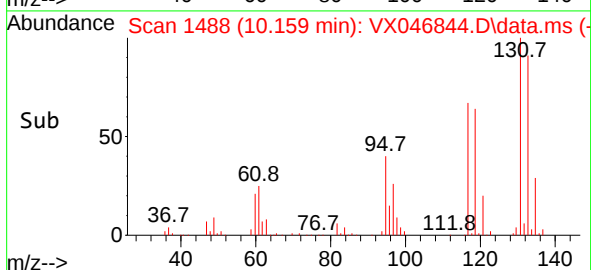
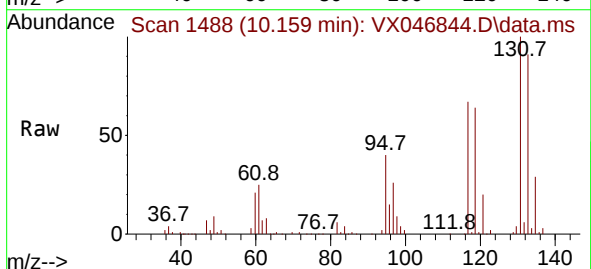
Manual Integrations
APPROVED

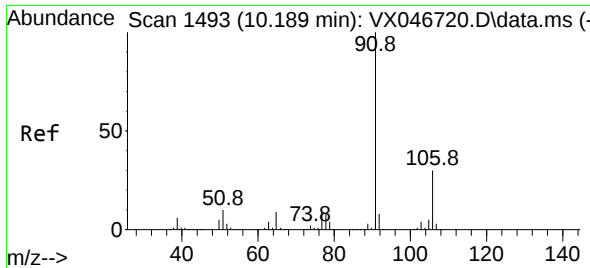
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.796 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

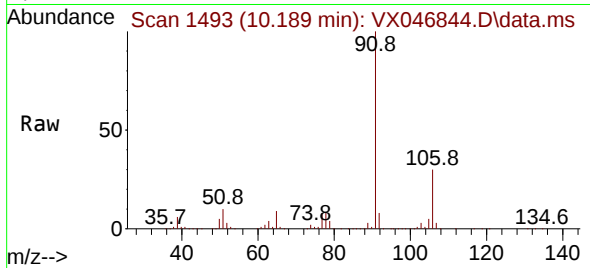
Tgt Ion:131 Resp: 75076
Ion Ratio Lower Upper
131 100
133 94.0 47.3 141.8
119 63.5 32.1 96.3





#67
Ethyl Benzene
Concen: 48.234 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

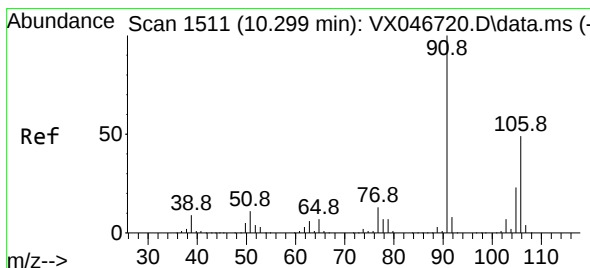
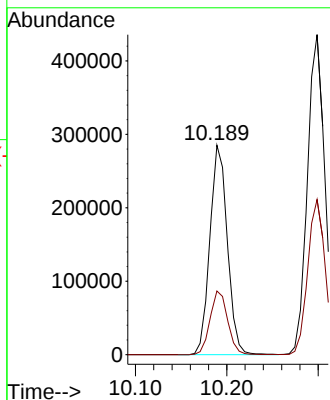
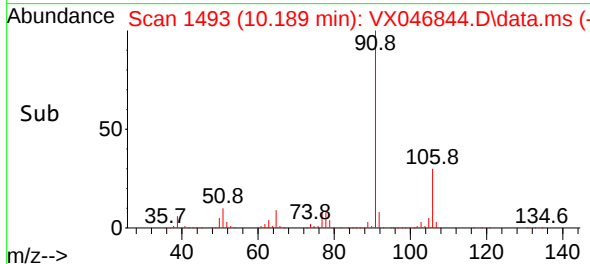
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 378065
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2

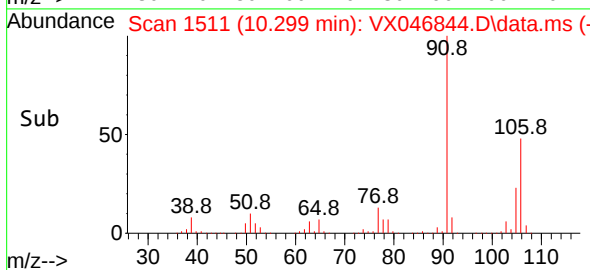
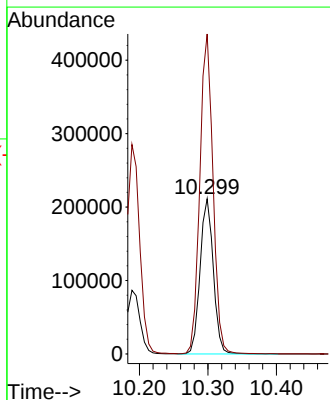
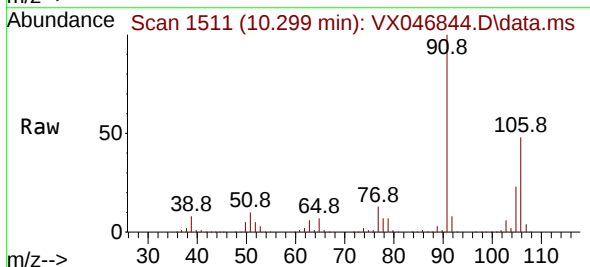
Manual Integrations
APPROVED

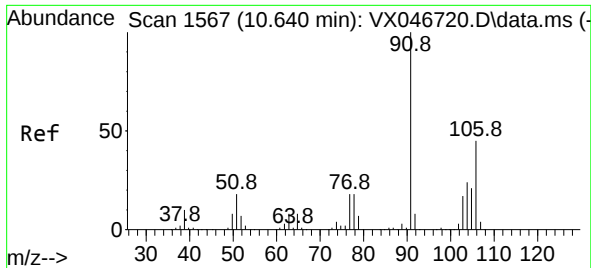
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#68
m/p-Xylenes
Concen: 97.264 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Tgt Ion:106 Resp: 284065
Ion Ratio Lower Upper
106 100
91 205.7 164.8 247.2





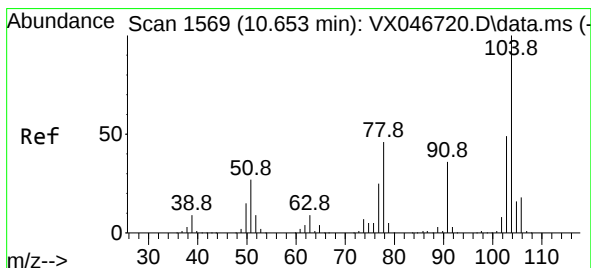
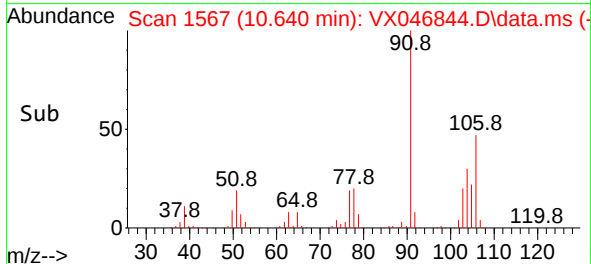
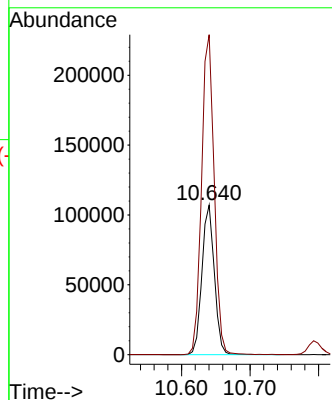
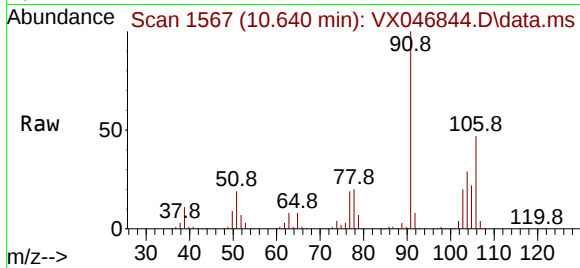
#69
o-Xylene
Concen: 49.430 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 135294
Ion Ratio Lower Upper
106 100
91 217.2 111.3 333.9

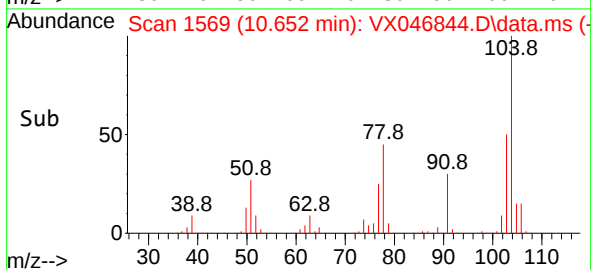
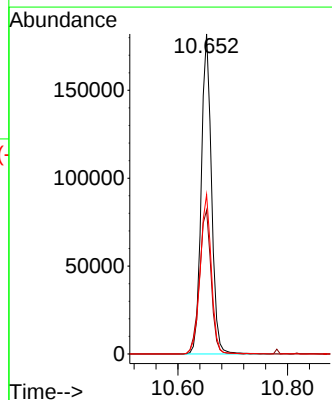
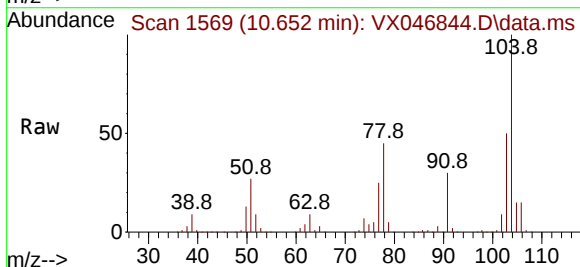
Manual Integrations
APPROVED

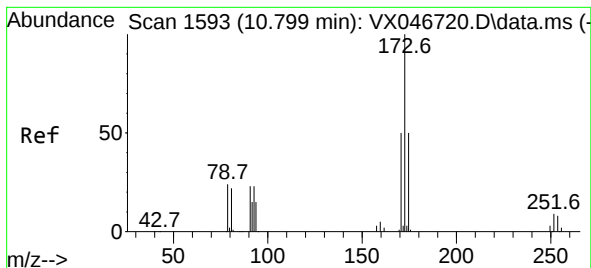
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#70
Styrene
Concen: 49.300 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Tgt Ion:104 Resp: 236143
Ion Ratio Lower Upper
104 100
78 51.0 41.4 62.2
103 54.1 43.1 64.7





#71

Bromoform

Concen: 46.735 ug/l

RT: 10.793 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 53660

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.4

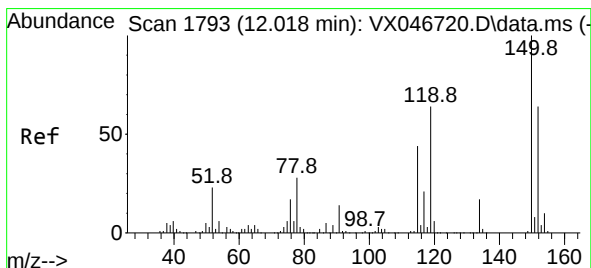
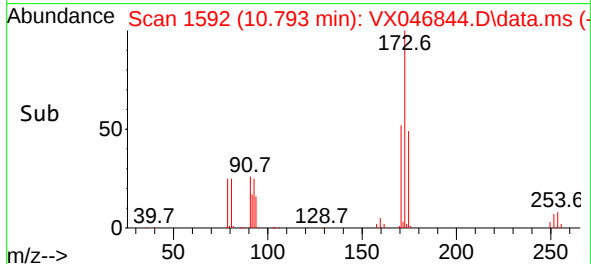
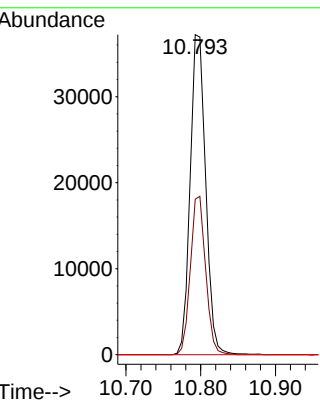
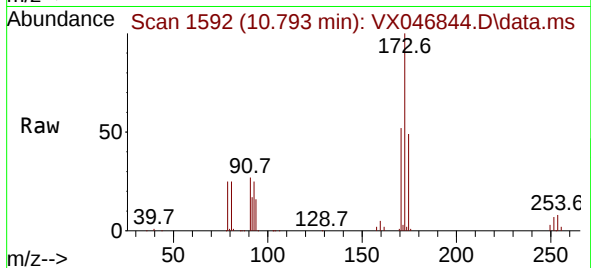
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

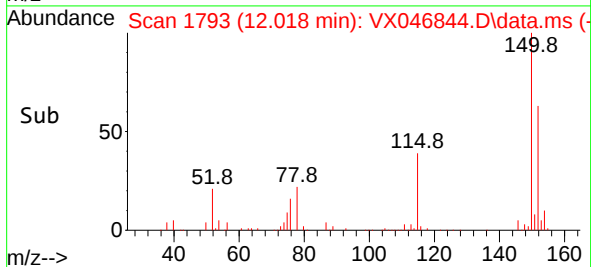
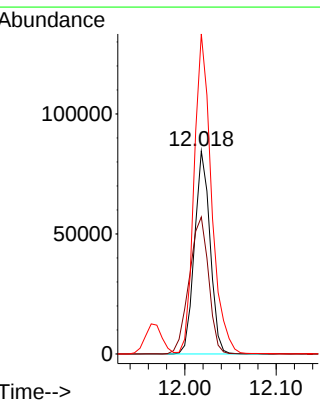
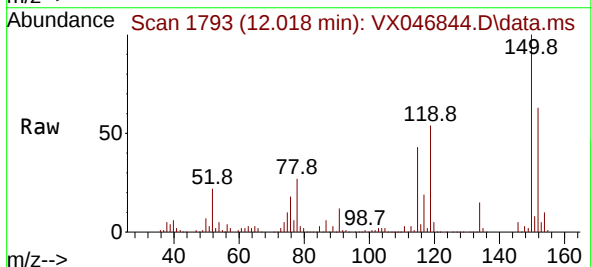
Tgt Ion:152 Resp: 99291

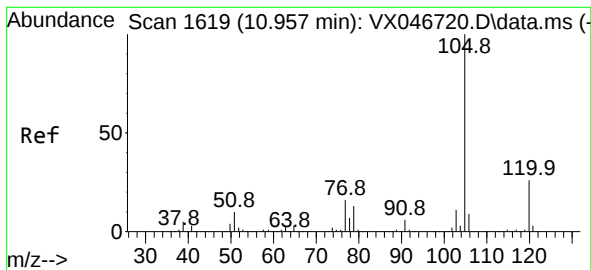
Ion Ratio Lower Upper

152 100

115 84.5 43.2 129.6

150 176.3 0.0 346.8





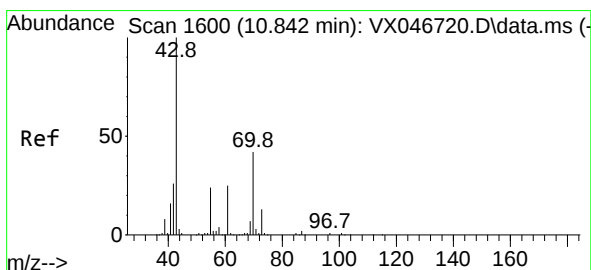
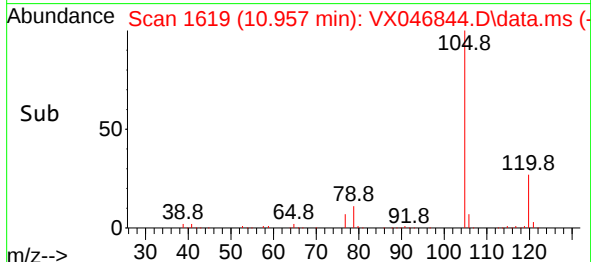
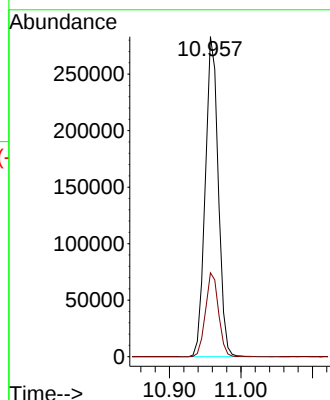
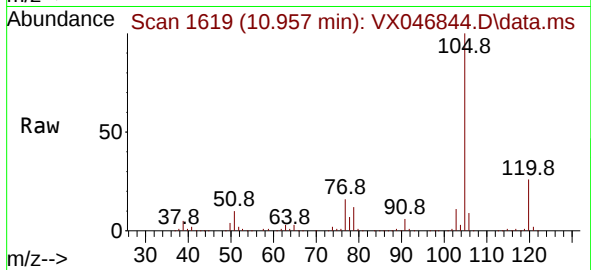
#73
Isopropylbenzene
Concen: 48.890 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 357520
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

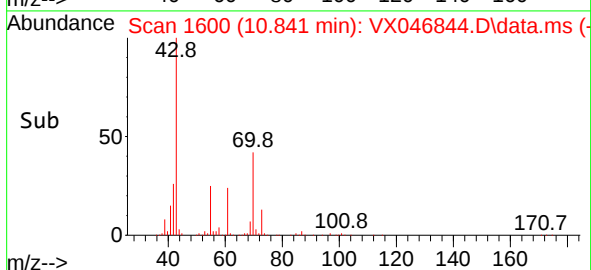
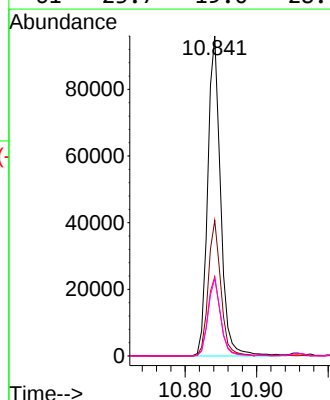
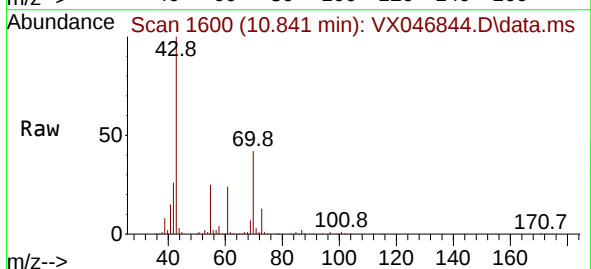
Manual Integrations
APPROVED

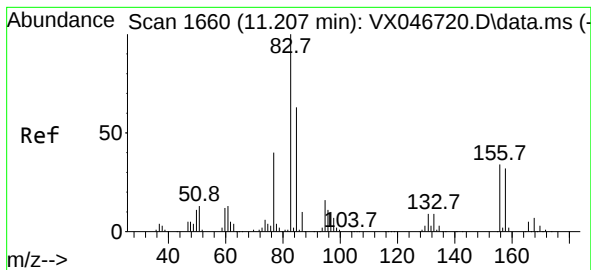
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#74
N-ethyl acetate
Concen: 43.399 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Tgt Ion: 43 Resp: 120243
Ion Ratio Lower Upper
43 100
70 41.1 33.4 50.0
55 24.6 19.1 28.7
61 23.7 19.0 28.4





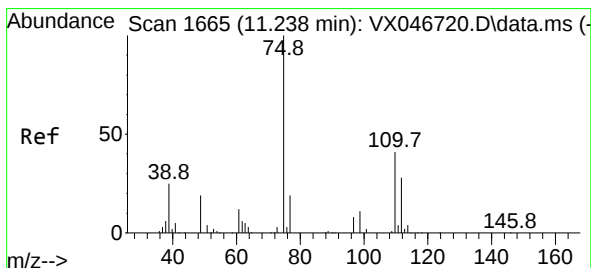
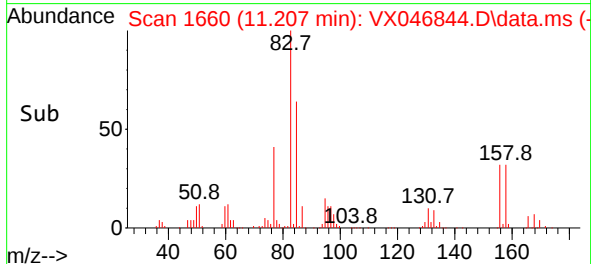
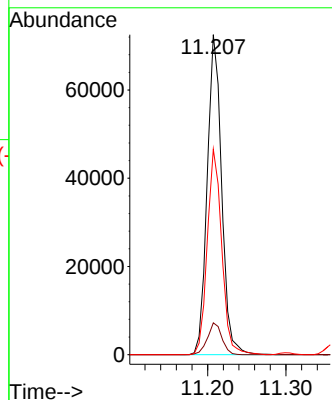
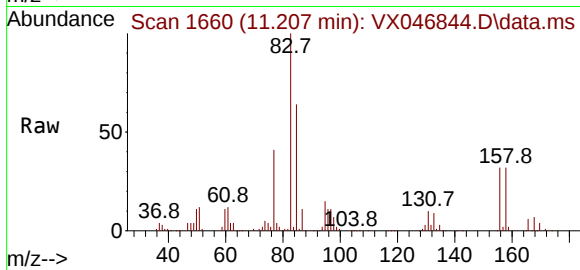
#75
1,1,2,2-Tetrachloroethane
Concen: 45.306 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 92510
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.6
85 64.4 32.0 96.0

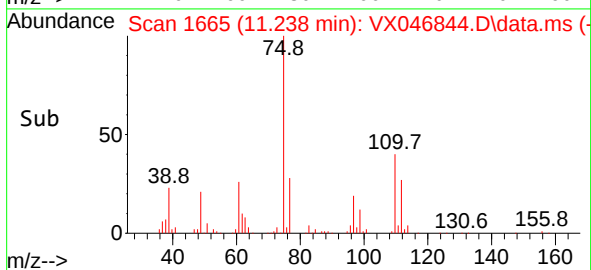
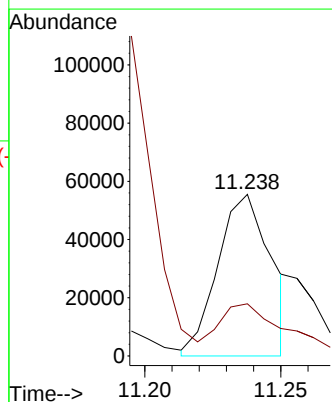
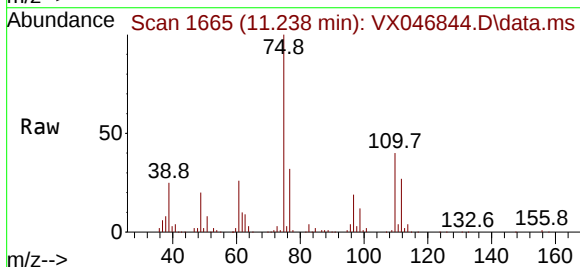
Manual Integrations
APPROVED

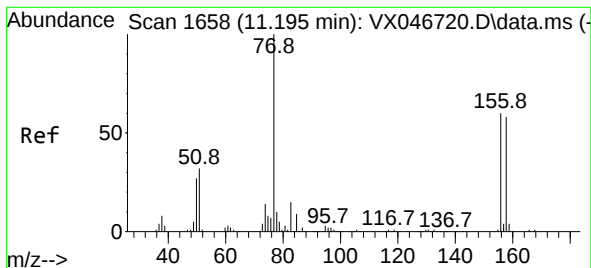
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#76
1,2,3-Trichloropropane
Concen: 41.531 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Tgt Ion: 75 Resp: 75526
Ion Ratio Lower Upper
75 100
77 41.0 18.5 55.5





#77

Bromobenzene

Concen: 49.368 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

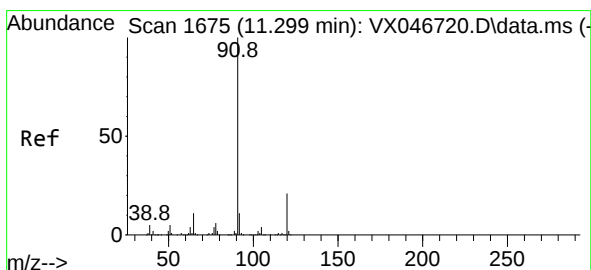
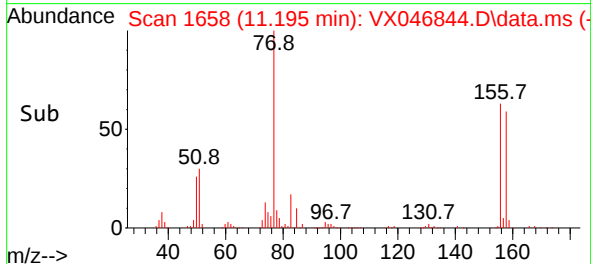
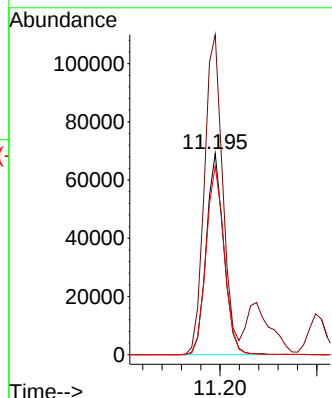
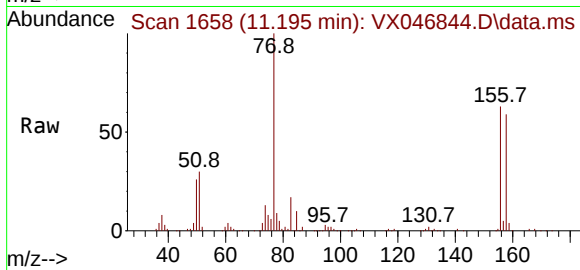
Tgt Ion:	156	Resp:	86870
Ion Ratio	Lower	Upper	
156	100		
77	166.5	82.8	248.6
158	97.3	47.6	142.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#78

n-propylbenzene

Concen: 49.267 ug/l

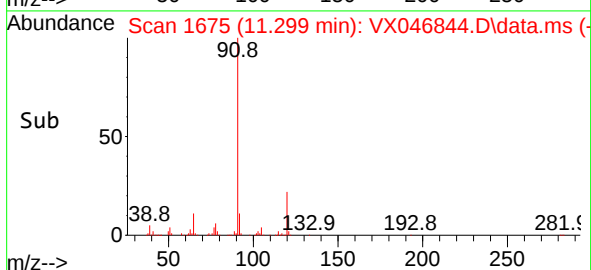
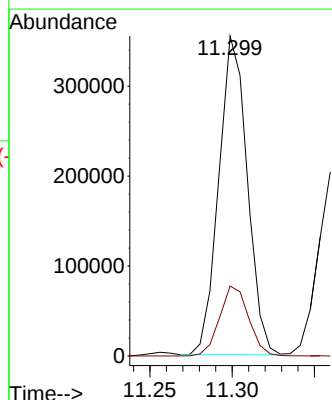
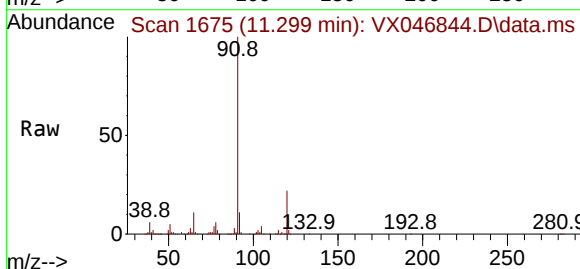
RT: 11.299 min Scan# 1675

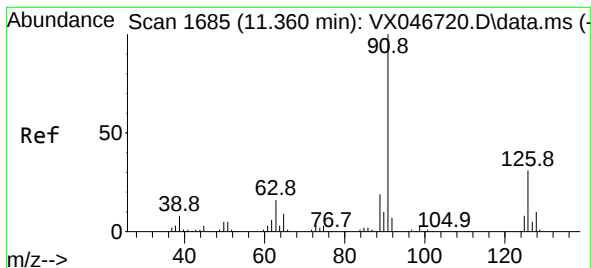
Delta R.T. -0.000 min

Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

Tgt Ion:	91	Resp:	427926
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.4	34.1





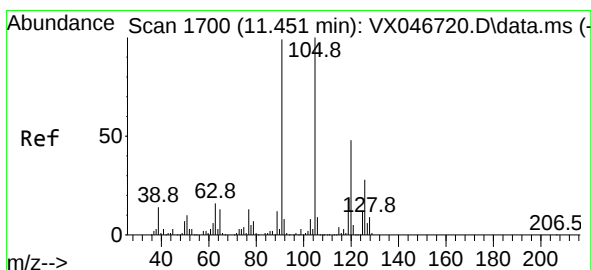
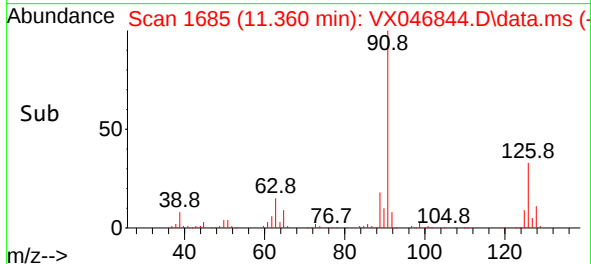
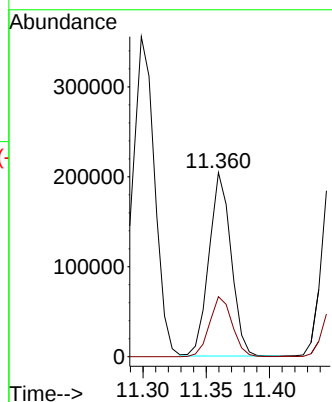
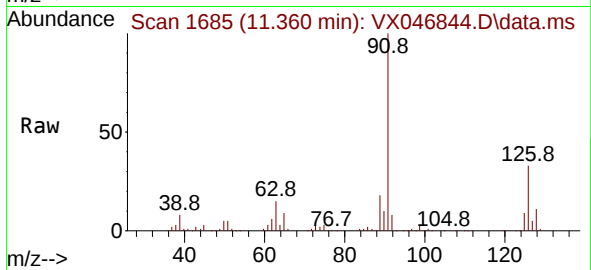
#79
2-Chlorotoluene
Concen: 47.894 ug/l
RT: 11.360 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 248370
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.7

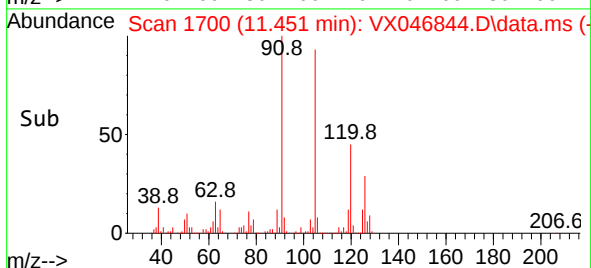
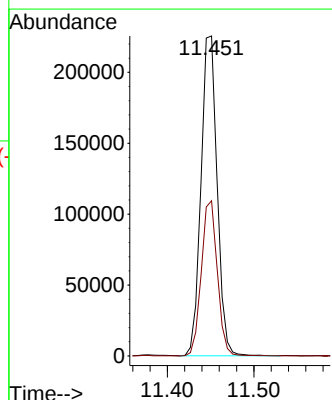
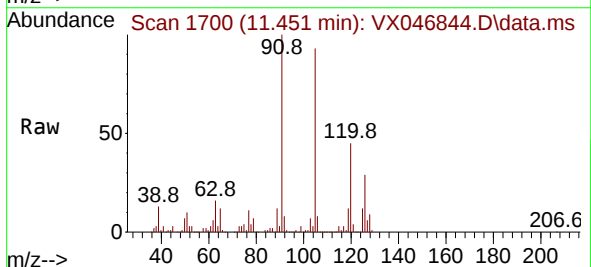
Manual Integrations
APPROVED

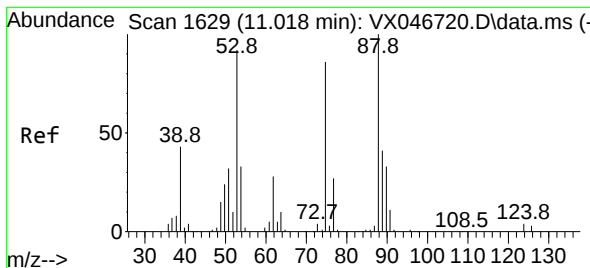
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.688 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

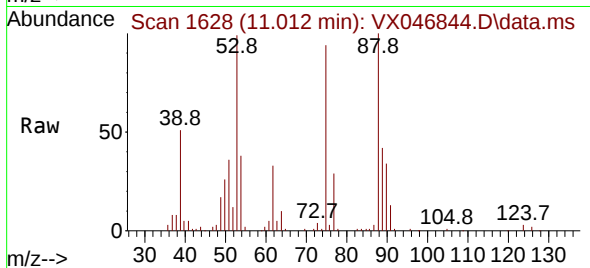
Tgt Ion:105 Resp: 292581
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 44.062 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

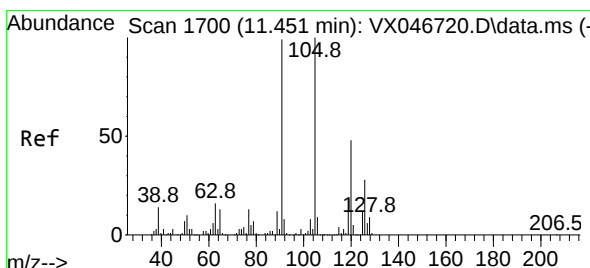
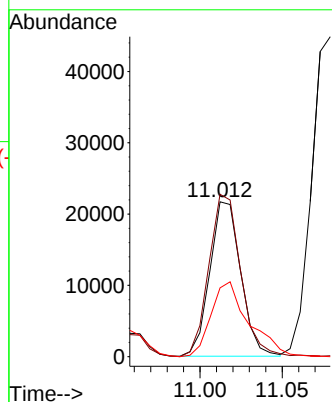
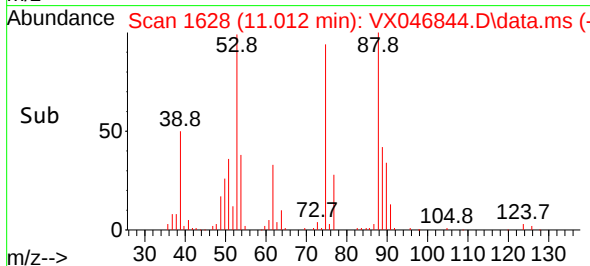
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 28348
Ion Ratio Lower Upper
75 100
53 108.7 86.8 130.2
89 59.6 36.9 55.3

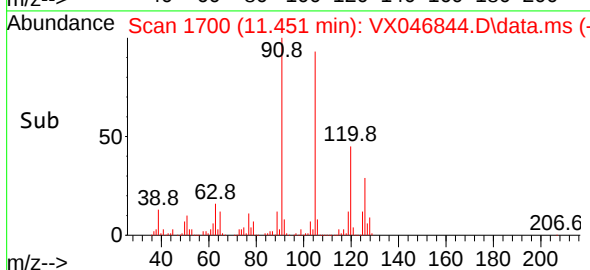
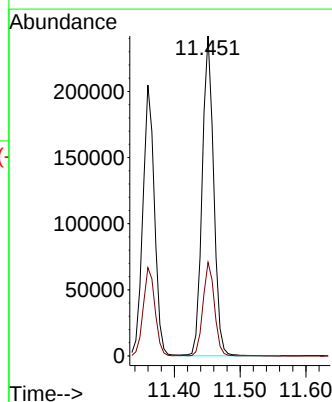
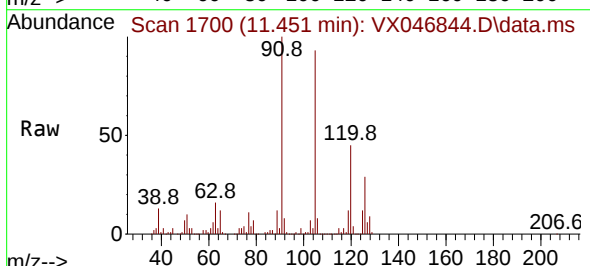
Manual Integrations
APPROVED

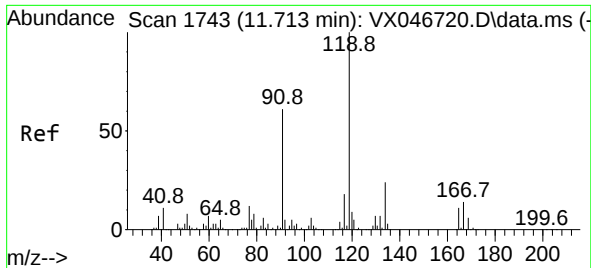
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#82
4-Chlorotoluene
Concen: 48.334 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

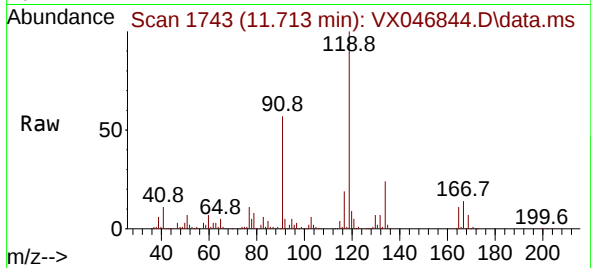
Tgt Ion: 91 Resp: 292532
Ion Ratio Lower Upper
91 100
126 29.2 14.4 43.2





#83
tert-Butylbenzene
Concen: 48.293 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

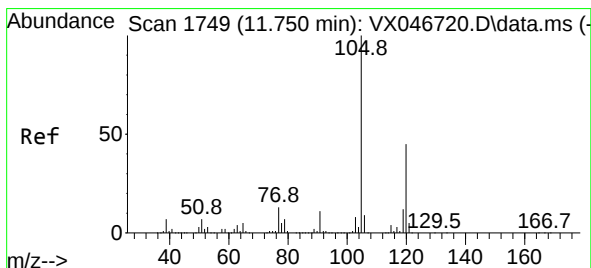
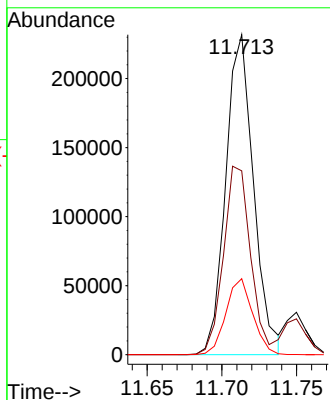
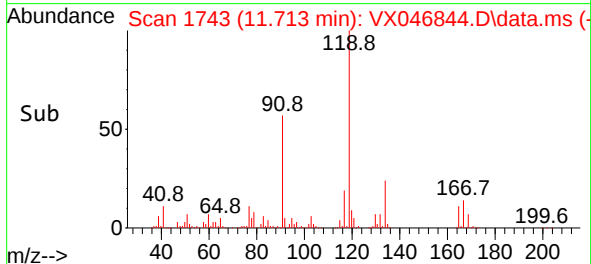
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



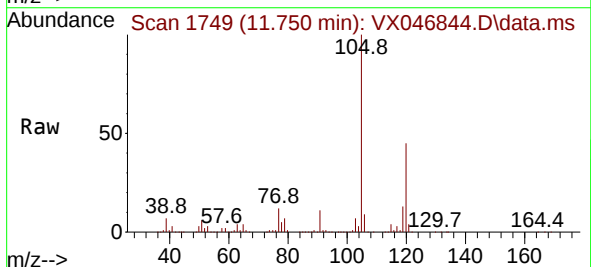
Tgt Ion:119 Resp: 299980
Ion Ratio Lower Upper
119 100
91 57.1 29.5 88.6
134 22.9 11.7 35.0

Manual Integrations
APPROVED

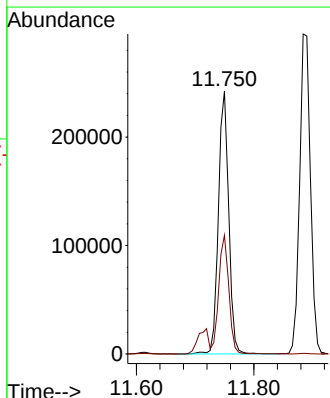
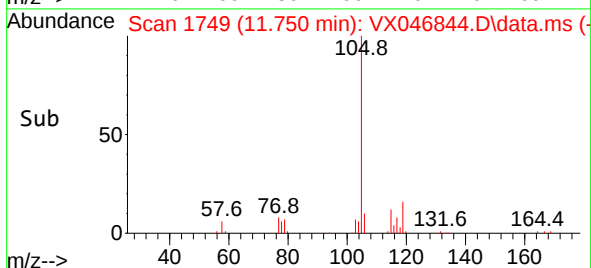
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

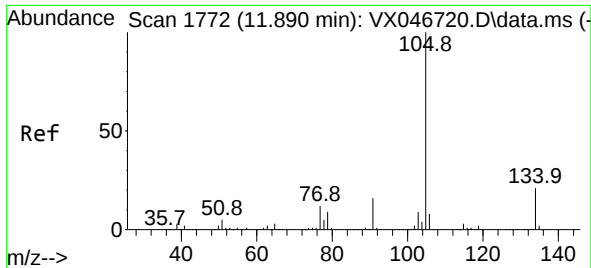


#84
1,2,4-Trimethylbenzene
Concen: 48.751 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53



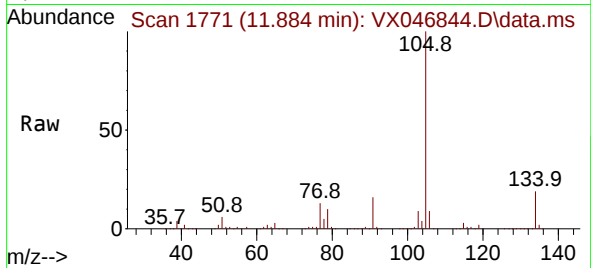
Tgt Ion:105 Resp: 294342
Ion Ratio Lower Upper
105 100
120 44.2 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 47.912 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. -0.006 min
 Lab File: VX046844.D
 Acq: 01 Jul 2025 08:53

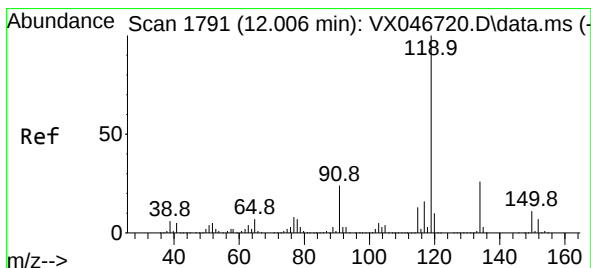
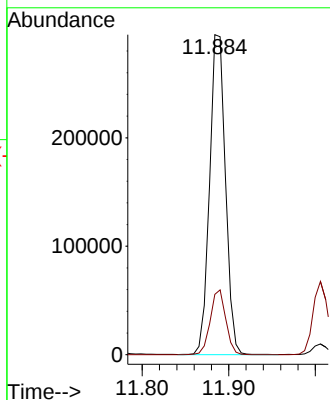
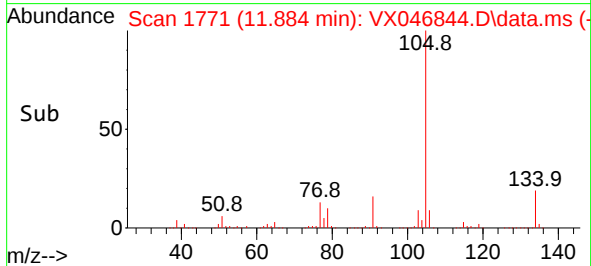
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



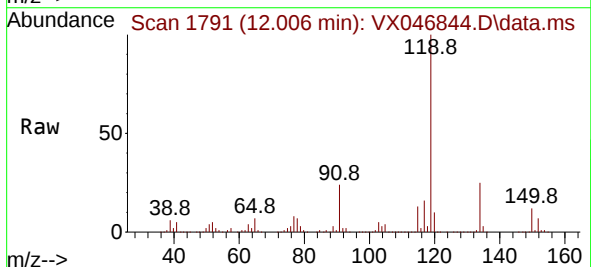
Tgt Ion:105 Resp: 376138
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

Manual Integrations
 APPROVED

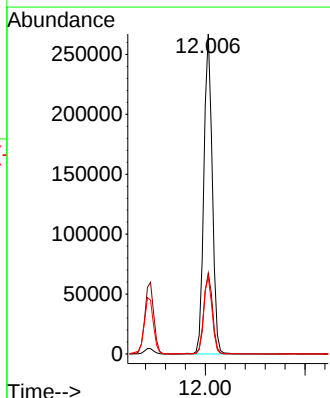
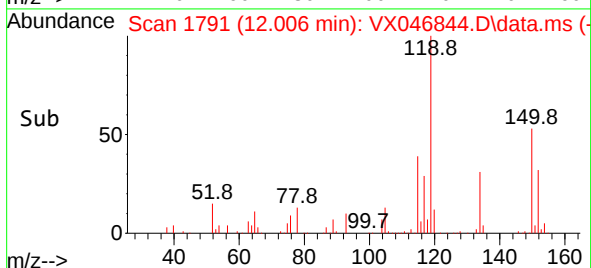
Reviewed By :John Carlone 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025



#86
 p-Isopropyltoluene
 Concen: 47.038 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046844.D
 Acq: 01 Jul 2025 08:53



Tgt Ion:119 Resp: 311570
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 24.6 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 46.853 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 160760

Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.8

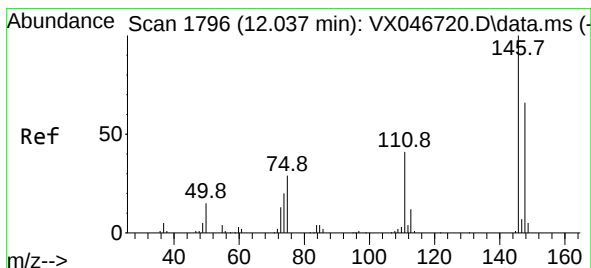
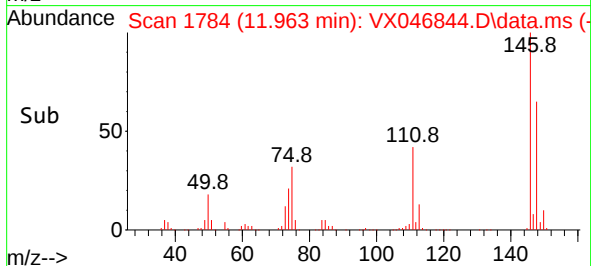
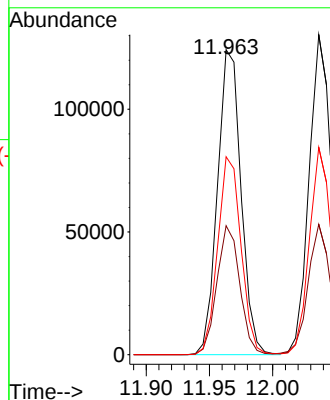
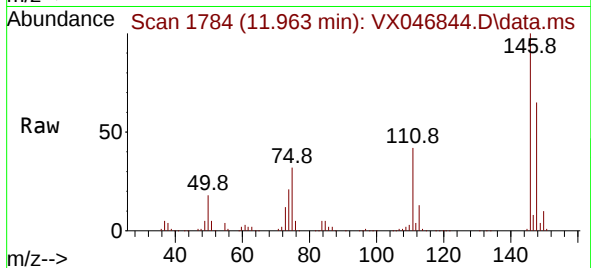
148 64.3 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#88

1,4-Dichlorobenzene

Concen: 45.673 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046844.D

Acq: 01 Jul 2025 08:53

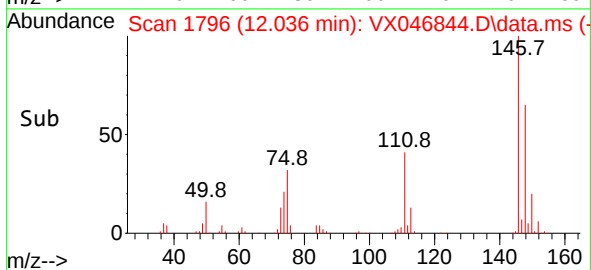
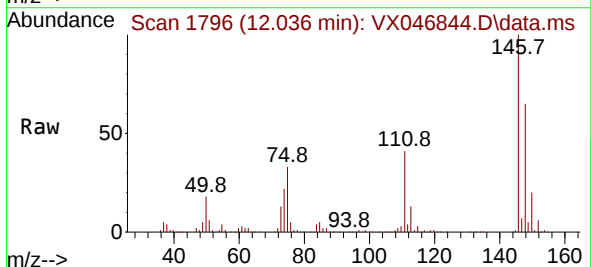
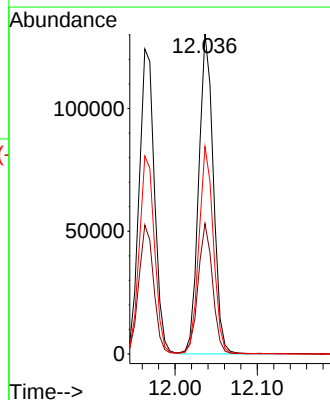
Tgt Ion:146 Resp: 160966

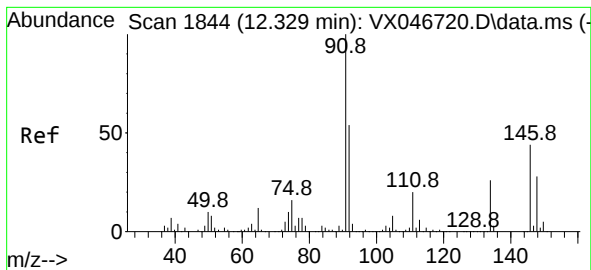
Ion Ratio Lower Upper

146 100

111 40.4 20.3 61.0

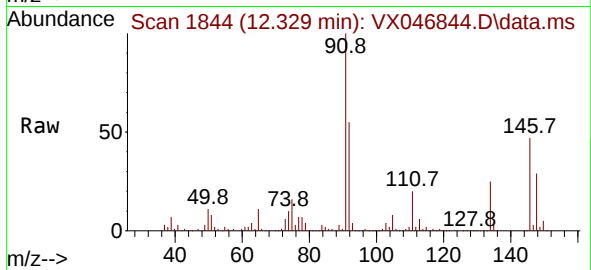
148 64.1 32.1 96.5





#89
n-Butylbenzene
Concen: 46.664 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

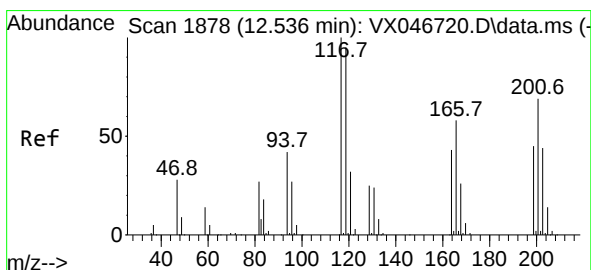
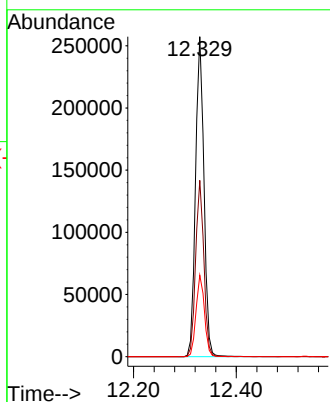
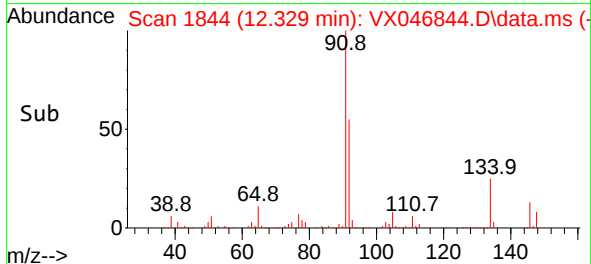
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 293479
Ion Ratio Lower Upper
91 100
92 54.1 27.1 81.3
134 25.5 12.9 38.6

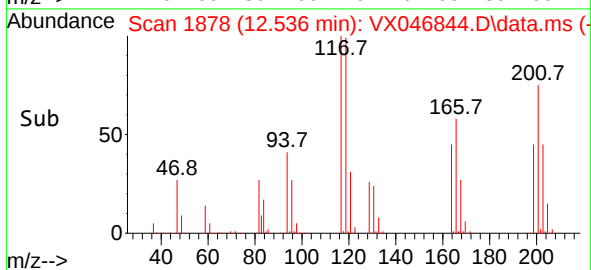
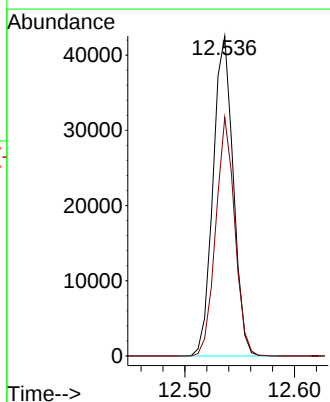
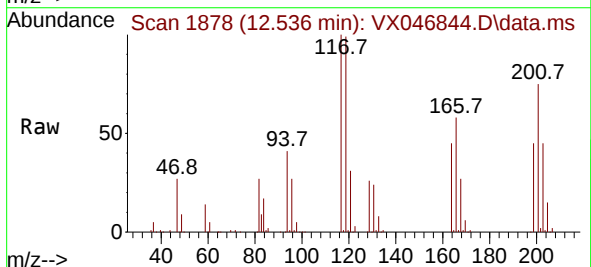
Manual Integrations
APPROVED

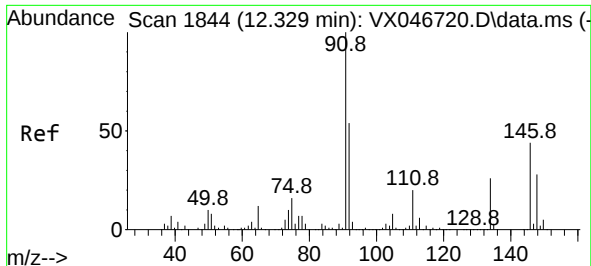
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#90
Hexachloroethane
Concen: 46.860 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

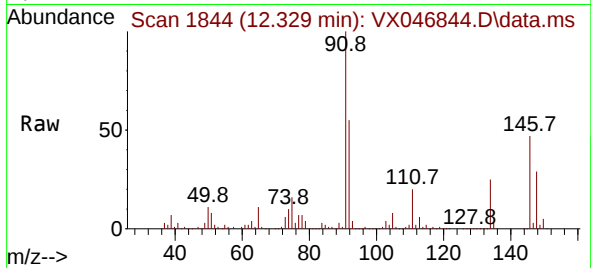
Tgt Ion:117 Resp: 54354
Ion Ratio Lower Upper
117 100
201 70.4 34.4 103.3





#91
1,2-Dichlorobenzene
Concen: 47.609 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

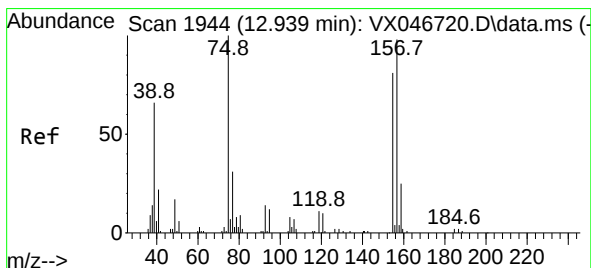
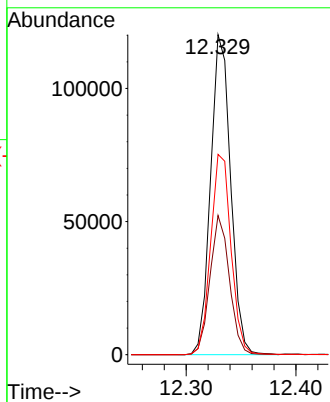
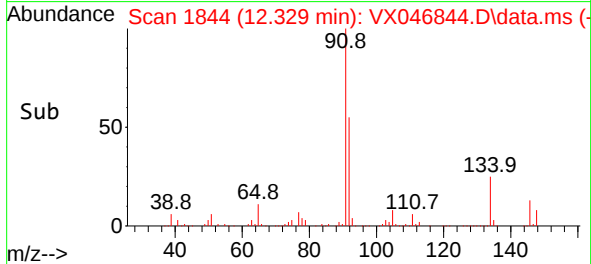
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



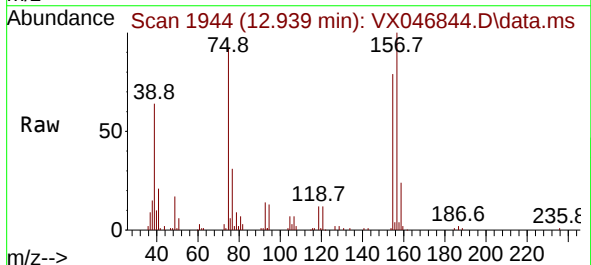
Tgt Ion:146 Resp: 15265
Ion Ratio Lower Upper
146 100
111 42.4 21.7 65.1
148 63.9 32.0 96.2

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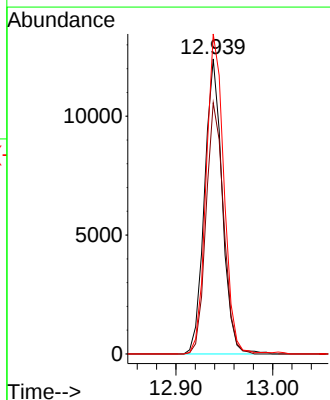
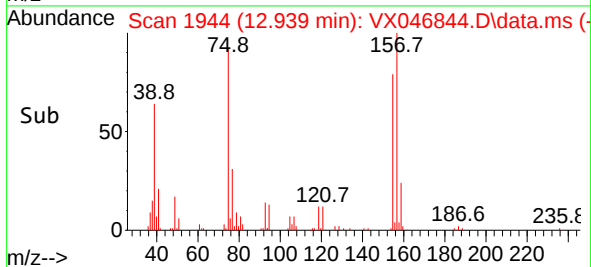
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

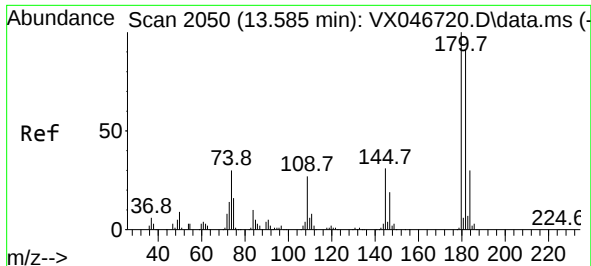


#92
1,2-Dibromo-3-Chloropropane
Concen: 39.371 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53



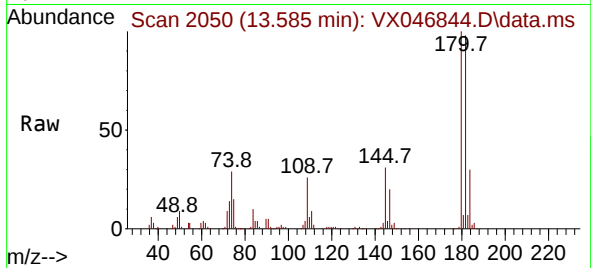
Tgt Ion: 75 Resp: 15871
Ion Ratio Lower Upper
75 100
155 84.4 41.9 125.7
157 108.3 51.4 154.3





#93
1,2,4-Trichlorobenzene
Concen: 45.919 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

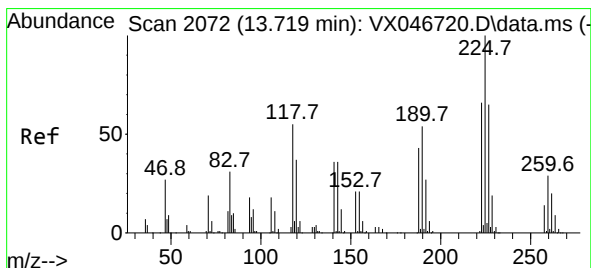
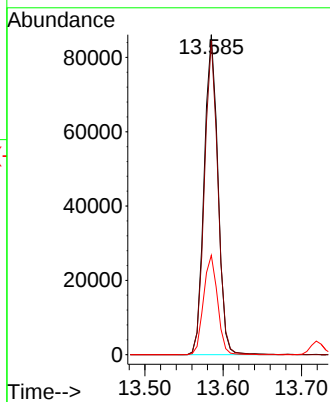
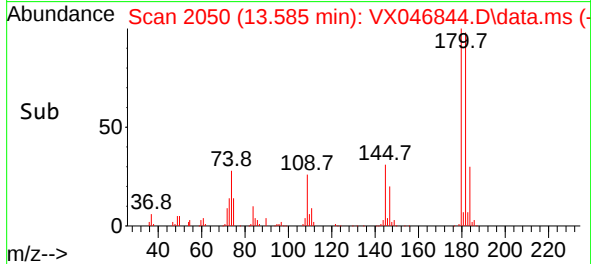
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 104670
Ion Ratio Lower Upper
180 100
182 96.3 46.7 140.1
145 31.6 15.8 47.4

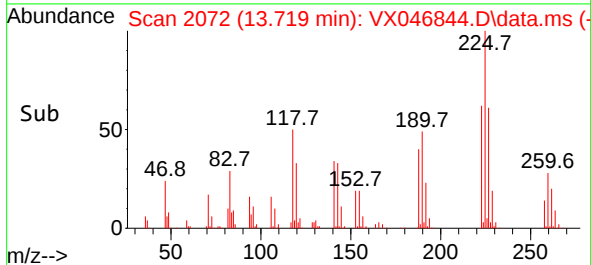
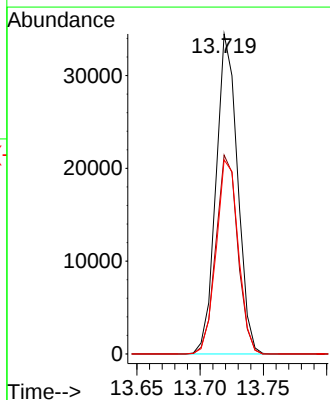
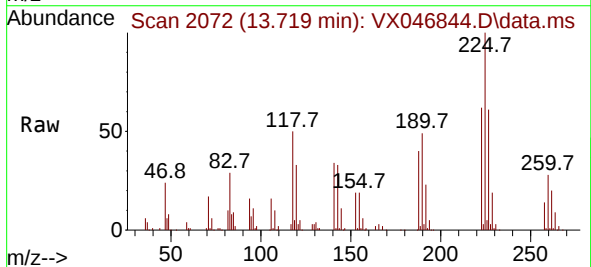
Manual Integrations
APPROVED

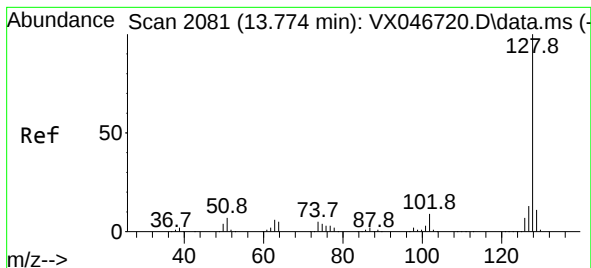
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#94
Hexachlorobutadiene
Concen: 42.423 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

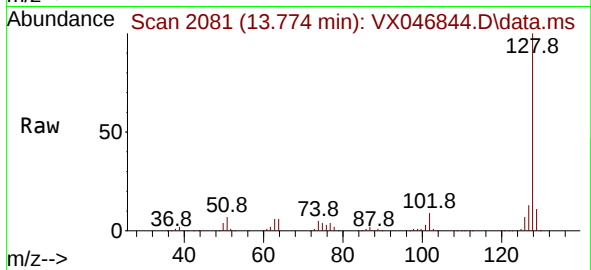
Tgt Ion:225 Resp: 40681
Ion Ratio Lower Upper
225 100
223 63.0 32.5 97.5
227 62.4 32.2 96.6





#95
Naphthalene
Concen: 43.258 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53

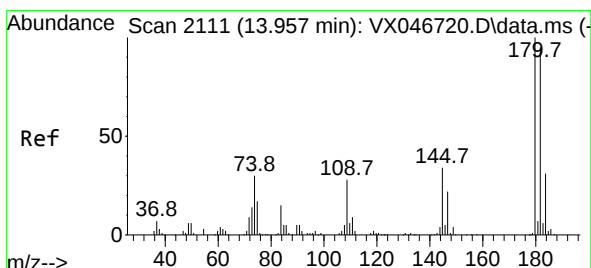
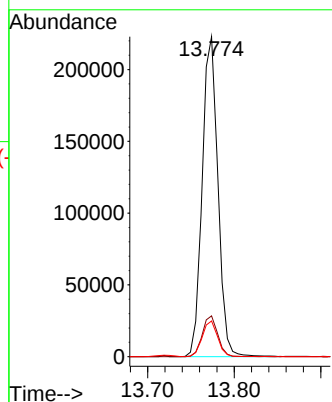
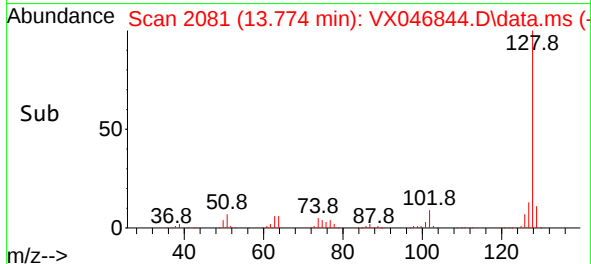
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



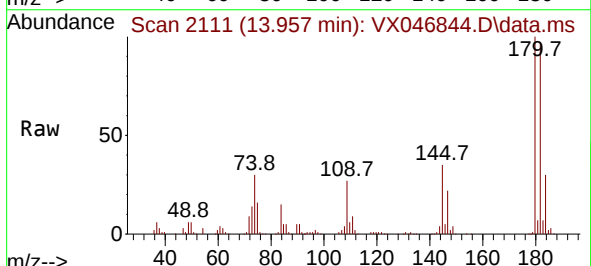
Tgt Ion:128 Resp: 280938
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 44.974 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046844.D
Acq: 01 Jul 2025 08:53



Tgt Ion:180 Resp: 98081
Ion Ratio Lower Upper
180 100
182 96.2 47.8 143.4
145 34.3 17.3 51.9

