

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048151.D
 Acq On : 13 Oct 2025 18:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/14/2025
 Supervised By : Mahesh Dadoda 10/14/2025

Quant Time: Oct 14 02:00:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	116426	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	206286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	187903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	97364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	85941	46.374	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.740%		
35) Dibromofluoromethane	5.373	113	66803	48.287	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.580%		
50) Toluene-d8	8.635	98	222442	46.467	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.940%		
62) 4-Bromofluorobenzene	11.061	95	87879	48.371	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.740%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	68845	57.104	ug/l	98
3) Chloromethane	1.301	50	84832	53.539	ug/l	99
4) Vinyl Chloride	1.380	62	88657	57.159	ug/l	98
5) Bromomethane	1.612	94	60922	61.941	ug/l	100
6) Chloroethane	1.697	64	58122	56.066	ug/l	98
7) Trichlorofluoromethane	1.898	101	130836	56.811	ug/l	100
8) Diethyl Ether	2.136	74	50070	53.148	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	73566	54.630	ug/l	99
10) Methyl Iodide	2.459	142	104928	49.961	ug/l	97
11) Tert butyl alcohol	2.947	59	48774	236.310	ug/l	100
12) 1,1-Dichloroethene	2.325	96	77006	55.670	ug/l	98
13) Acrolein	2.239	56	50219	264.034	ug/l	99
14) Allyl chloride	2.666	41	143272	50.193	ug/l	98
15) Acrylonitrile	3.063	53	202376	264.713	ug/l	99
16) Acetone	2.374	43	160622	199.337	ug/l	99
17) Carbon Disulfide	2.520	76	223913	59.130	ug/l	98
18) Methyl Acetate	2.703	43	84487	47.114	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	268668	53.207	ug/l	99
20) Methylene Chloride	2.788	84	92121	54.010	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	82439	55.356	ug/l	97
22) Diisopropyl ether	3.751	45	299698	54.176	ug/l	87
23) Vinyl Acetate	3.715	43	1118555	252.641	ug/l	100
24) 1,1-Dichloroethane	3.605	63	158777	54.001	ug/l	98
25) 2-Butanone	4.544	43	237412	236.205	ug/l	98
26) 2,2-Dichloropropane	4.471	77	123863	50.678	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	99947	54.800	ug/l	97
28) Bromochloromethane	4.891	49	72617	56.572	ug/l	98
29) Tetrahydrofuran	4.989	42	149435	247.143	ug/l	98
30) Chloroform	5.087	83	163902	55.163	ug/l	99
31) Cyclohexane	5.465	56	129495	52.880	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	140046	55.569	ug/l	99
36) 1,1-Dichloropropene	5.684	75	107376	53.115	ug/l	98
37) Ethyl Acetate	4.702	43	104462	48.261	ug/l	99
38) Carbon Tetrachloride	5.672	117	120011	54.638	ug/l	98
39) Methylcyclohexane	7.367	83	125223	54.569	ug/l	99
40) Benzene	6.025	78	340597	55.471	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	58064	51.961	ug/l	99
42) 1,2-Dichloroethane	6.074	62	126475	54.137	ug/l	100
43) Isopropyl Acetate	6.324	43	177959	50.130	ug/l	99
44) Trichloroethene	7.111	130	84645	57.022	ug/l	95
45) 1,2-Dichloropropane	7.415	63	87721	55.794	ug/l	98
46) Dibromomethane	7.568	93	64036	55.970	ug/l	97
47) Bromodichloromethane	7.806	83	134116	56.806	ug/l	100
48) Methyl methacrylate	7.678	41	91392	51.684	ug/l	98
49) 1,4-Dioxane	7.641	88	21866	1223.595	ug/l	95
51) 4-Methyl-2-Pentanone	8.555	43	519717	264.050	ug/l	100
52) Toluene	8.702	92	212219	56.100	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	132994	55.226	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	141949	55.148	ug/l	98
55) 1,1,2-Trichloroethane	9.135	97	82732	56.718	ug/l	99
56) Ethyl methacrylate	9.104	69	124001	54.131	ug/l	99
57) 1,3-Dichloropropane	9.293	76	143428	57.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	289078	263.185	ug/l	99
59) 2-Hexanone	9.415	43	357796	253.109	ug/l	98
60) Dibromochloromethane	9.506	129	98818	58.796	ug/l	99
61) 1,2-Dibromoethane	9.592	107	86719	58.369	ug/l	100
64) Tetrachloroethene	9.263	164	79276	64.719	ug/l	97
65) Chlorobenzene	10.061	112	231696	54.277	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	82637	56.099	ug/l	100
67) Ethyl Benzene	10.177	91	401089	54.455	ug/l	100
68) m/p-Xylenes	10.287	106	298533	108.894	ug/l	100
69) o-Xylene	10.628	106	144023	54.314	ug/l	100
70) Styrene	10.640	104	254769	54.833	ug/l	99
71) Bromoform	10.781	173	61112	55.561	ug/l #	98
73) Isopropylbenzene	10.945	105	371566	50.197	ug/l	99
74) N-amyl acetate	10.823	43	159040	47.116	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	109915	49.079	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	100042m	50.749	ug/l	
77) Bromobenzene	11.183	156	93071	51.050	ug/l	97
78) n-propylbenzene	11.287	91	446153	50.987	ug/l	100
79) 2-Chlorotoluene	11.348	91	266064	49.644	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	309130	50.831	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	35228	45.572	ug/l	99
82) 4-Chlorotoluene	11.439	91	318659	50.343	ug/l	99
83) tert-Butylbenzene	11.695	119	299521	48.111	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	313950	50.919	ug/l	100
85) sec-Butylbenzene	11.872	105	376441	50.907	ug/l	100
86) p-Isopropyltoluene	11.994	119	316639	50.578	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	168297	49.700	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	172609	49.665	ug/l	100
89) n-Butylbenzene	12.311	91	296409	51.169	ug/l	98
90) Hexachloroethane	12.518	117	58283	53.026	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	164389	50.956	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.927	75	21592	47.620	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	101747	48.527	ug/l	98
94) Hexachlorobutadiene	13.707	225	36890	51.799	ug/l	98
95) Naphthalene	13.756	128	314740	49.297	ug/l	99
96) 1,2,3-Trichlorobenzene	13.939	180	98210	50.354	ug/l	99

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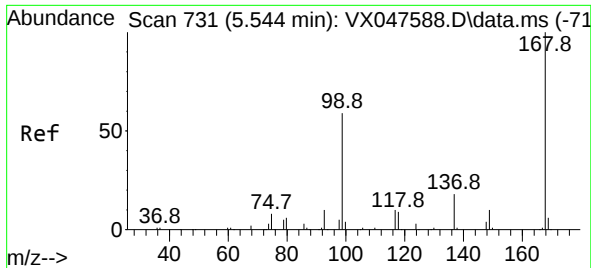
Manual Integrations
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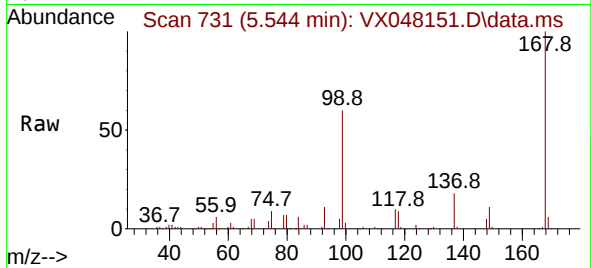
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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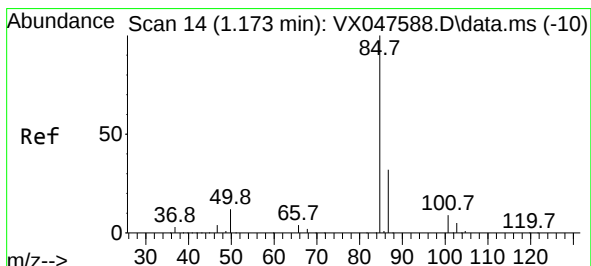
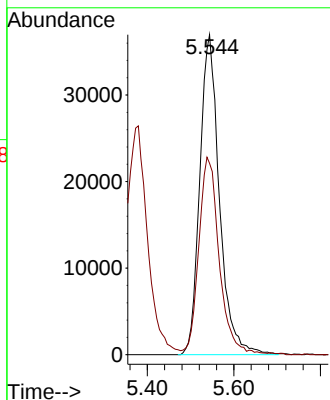
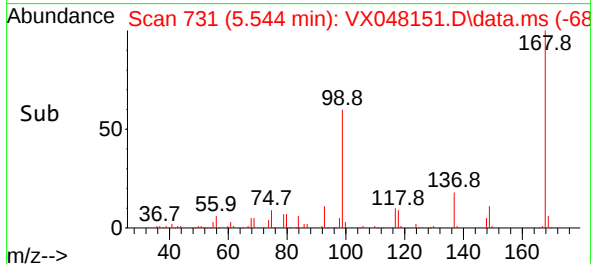
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 116420
Ion Ratio Lower Upper
168 100
99 59.5 48.8 73.2

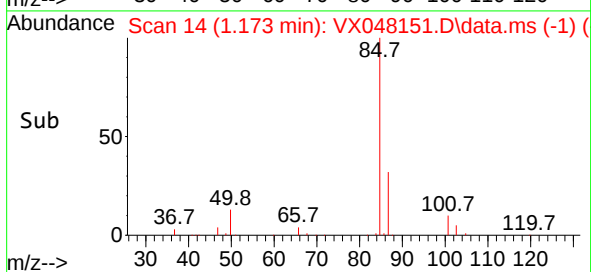
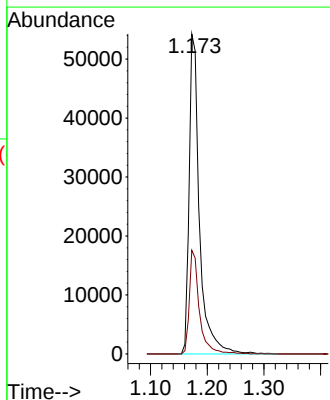
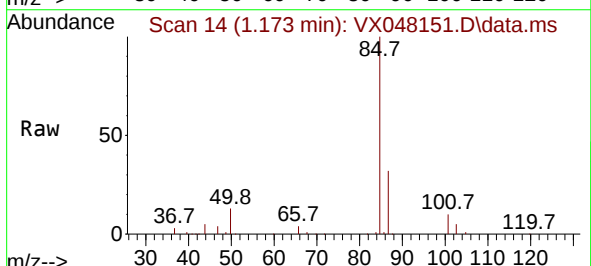
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#2
Dichlorodifluoromethane
Concen: 57.104 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 85 Resp: 68845
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.3





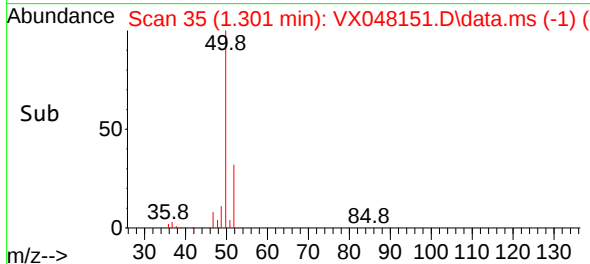
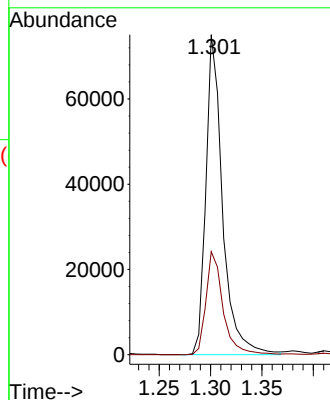
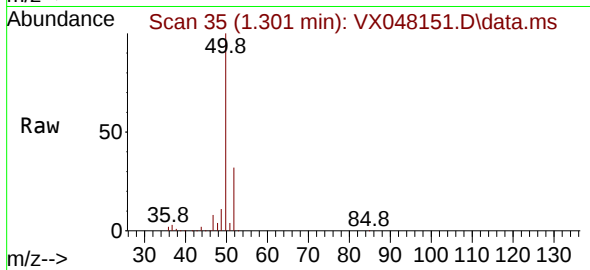
#3
Chloromethane
Concen: 53.539 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 8483
Ion Ratio Lower Upper
50 100
52 32.2 26.1 39.1

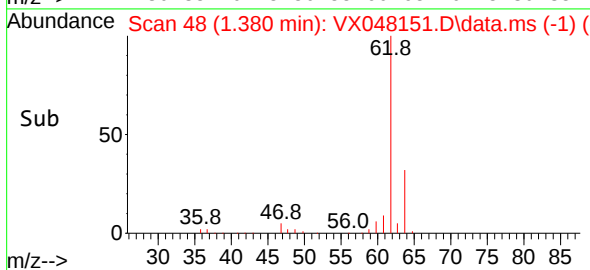
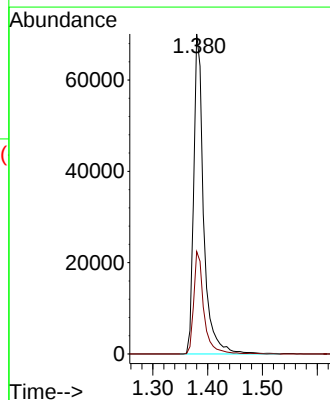
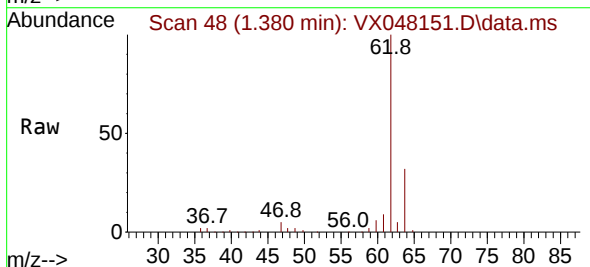
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#4
Vinyl Chloride
Concen: 57.159 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

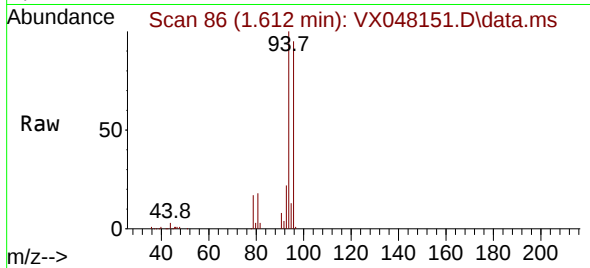
Tgt Ion: 62 Resp: 88657
Ion Ratio Lower Upper
62 100
64 32.0 24.9 37.3





#5
Bromomethane
Concen: 61.941 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048151.D
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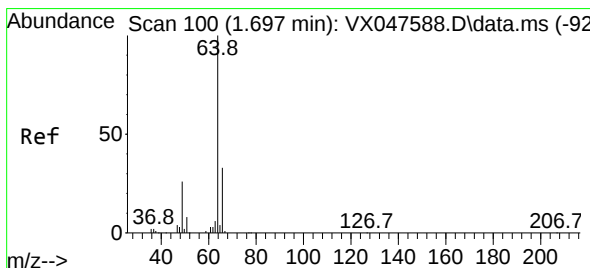
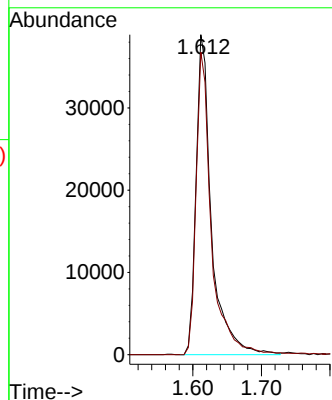
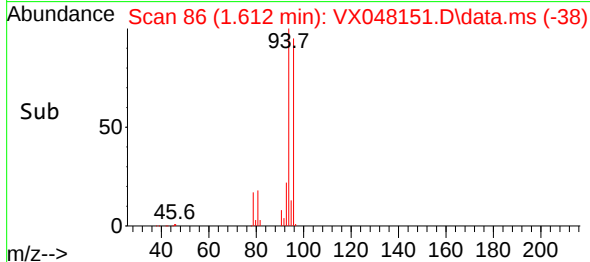
Instrument :
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Tgt Ion: 94 Resp: 6092
Ion Ratio Lower Upper
94 100
96 95.8 76.6 115.0

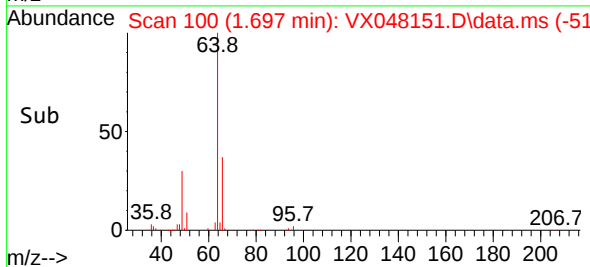
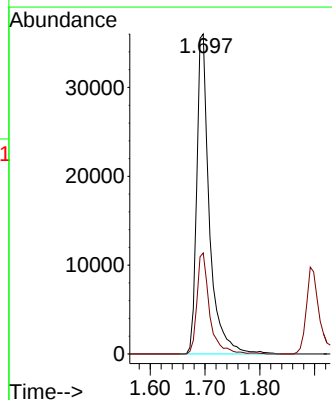
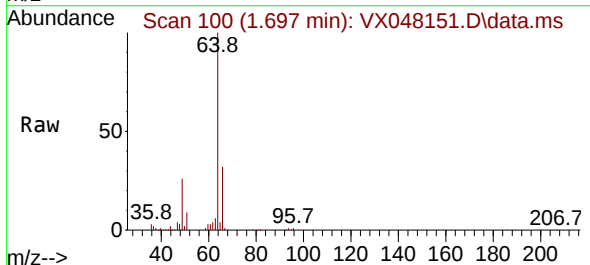
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#6
Chloroethane
Concen: 56.066 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

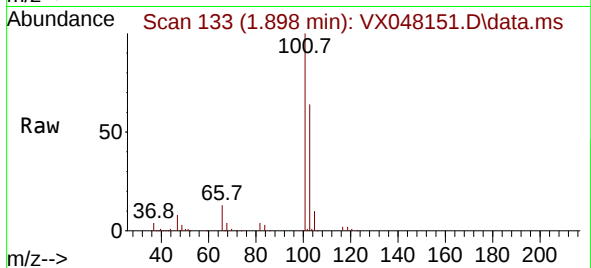
Tgt Ion: 64 Resp: 58122
Ion Ratio Lower Upper
64 100
66 31.5 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 56.811 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX048151.D
 Acq: 13 Oct 2025 18:15

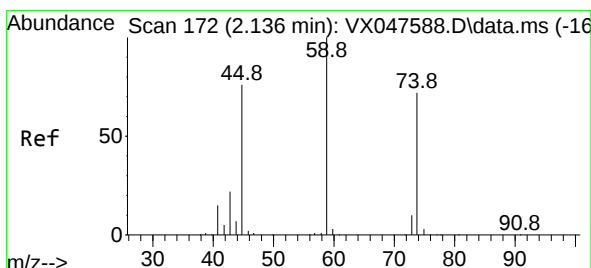
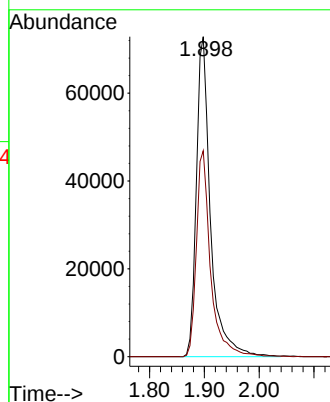
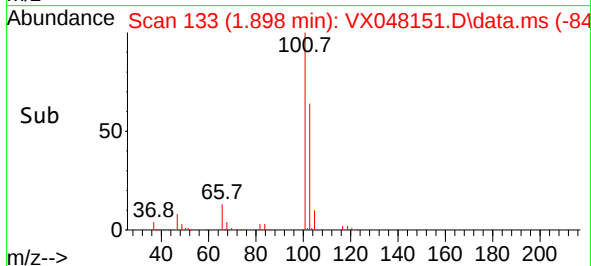
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Tgt Ion:101 Resp: 130830
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.2

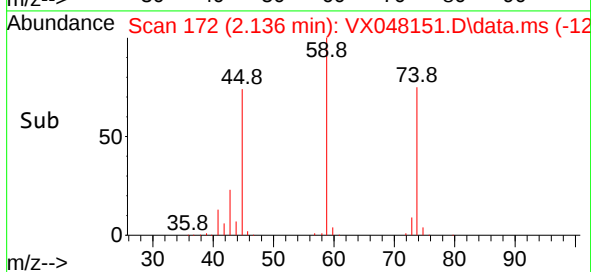
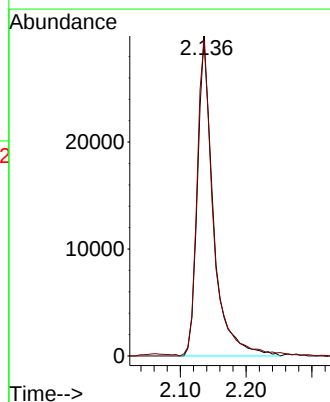
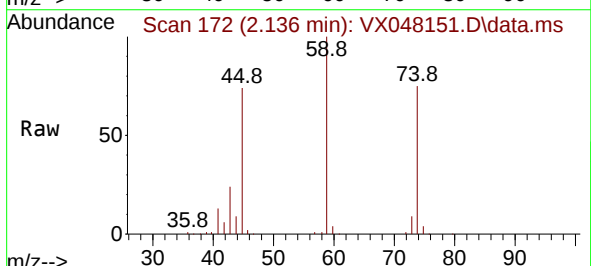
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#8
 Diethyl Ether
 Concen: 53.148 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX048151.D
 Acq: 13 Oct 2025 18:15

Tgt Ion: 74 Resp: 50070
 Ion Ratio Lower Upper
 74 100
 45 102.1 52.3 156.8





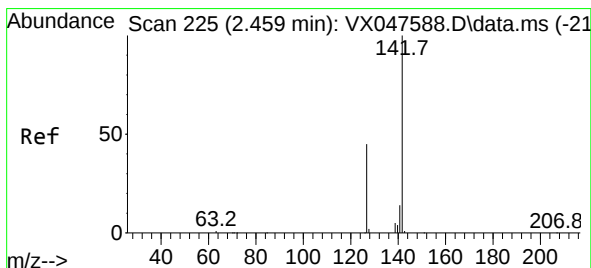
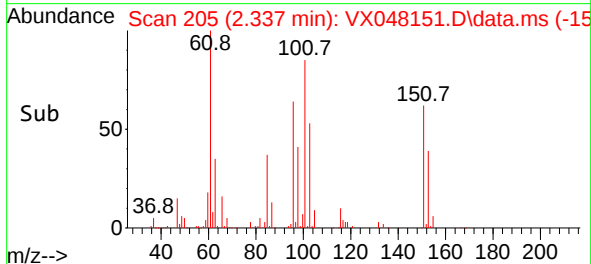
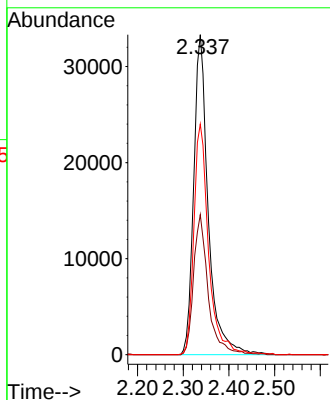
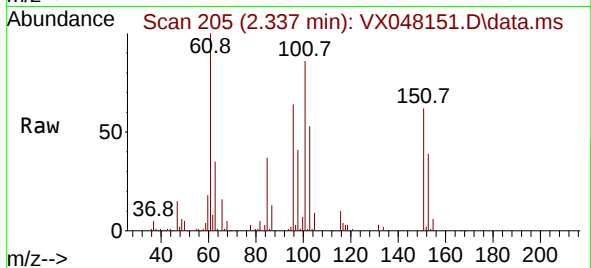
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.630 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048151.D
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Tgt Ion:101 Resp: 73560
Ion Ratio Lower Upper
101 100
85 44.1 35.5 53.3
151 73.4 59.4 89.0

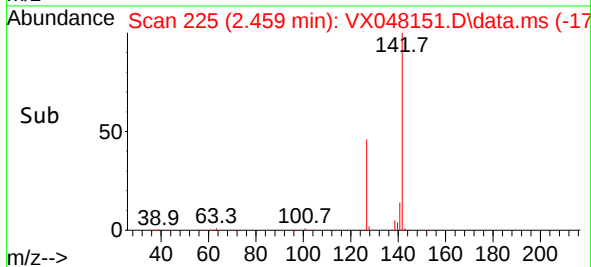
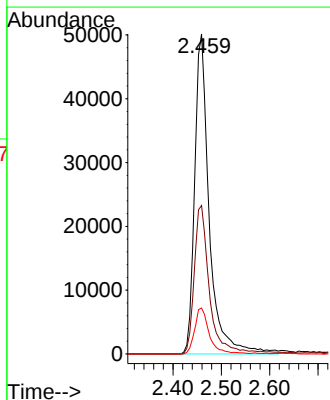
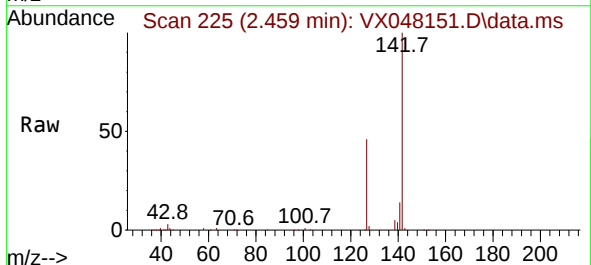
Manual Integrations
APPROVED

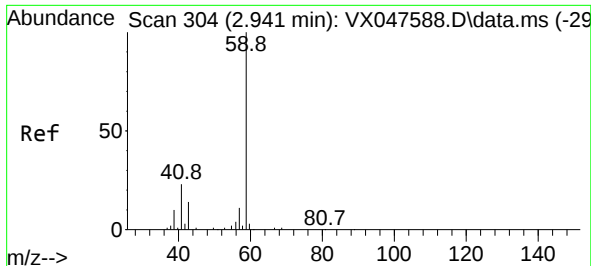
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#10
Methyl Iodide
Concen: 49.961 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

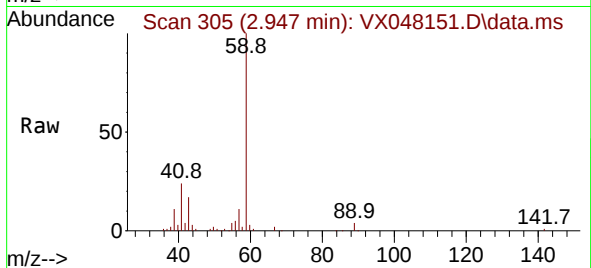
Tgt Ion:142 Resp: 104928
Ion Ratio Lower Upper
142 100
127 48.9 37.2 55.8
141 14.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 236.310 ug/l
RT: 2.947 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

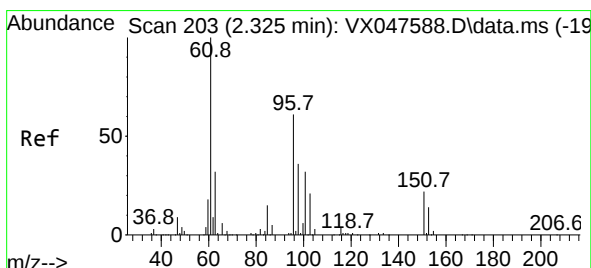
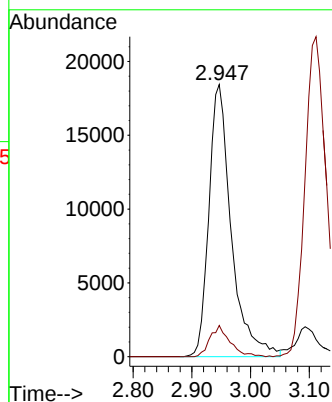
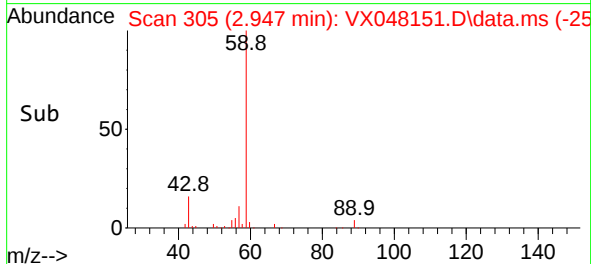
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



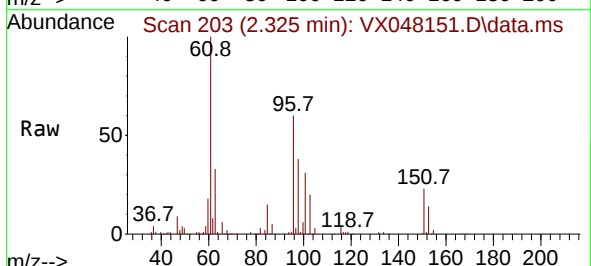
Tgt Ion: 59 Resp: 48774
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

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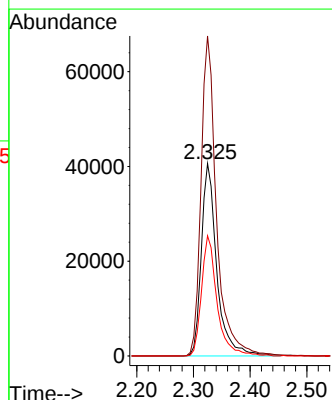
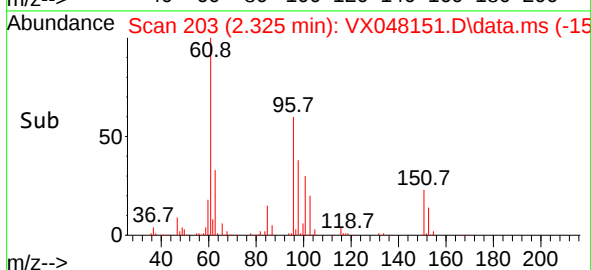
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#12
1,1-Dichloroethene
Concen: 55.670 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15



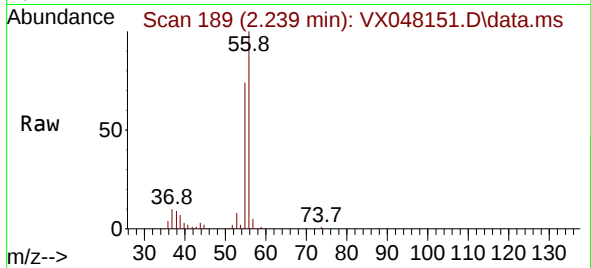
Tgt Ion: 96 Resp: 77006
Ion Ratio Lower Upper
96 100
61 166.3 131.0 196.6
98 62.5 47.7 71.5





#13
Acrolein
Concen: 264.034 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

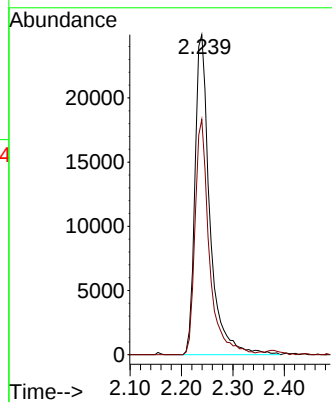
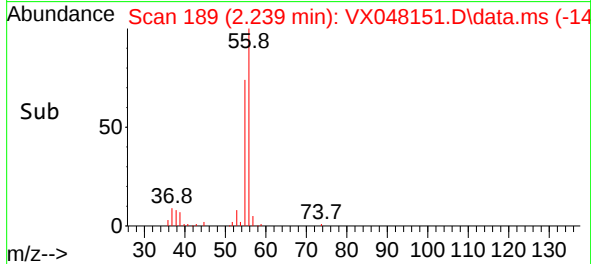
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 50219
Ion Ratio Lower Upper
56 100
55 70.4 57.2 85.8

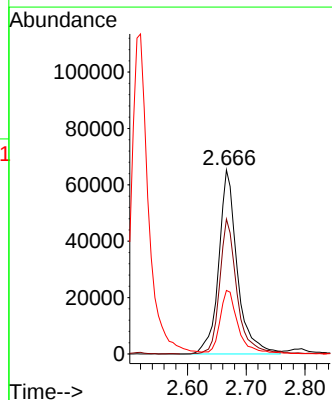
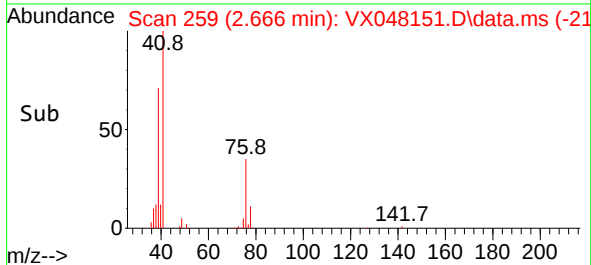
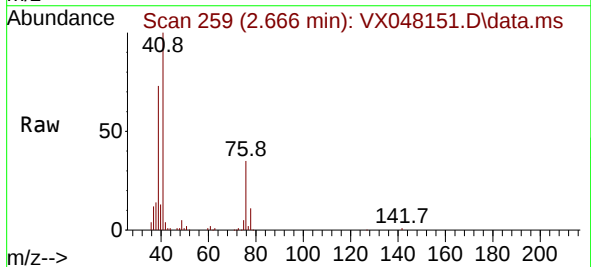
Manual Integrations
APPROVED

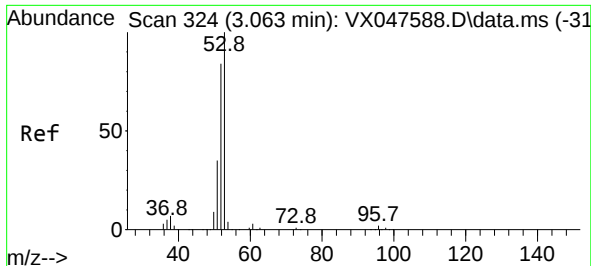
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#14
Allyl chloride
Concen: 50.193 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

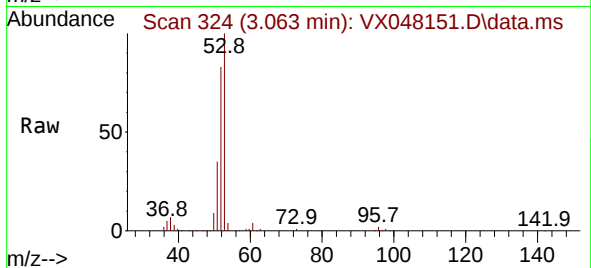
Tgt Ion: 41 Resp: 143272
Ion Ratio Lower Upper
41 100
39 68.9 54.7 82.1
76 34.3 25.7 38.5





#15
Acrylonitrile
Concen: 264.713 ug/l
RT: 3.063 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

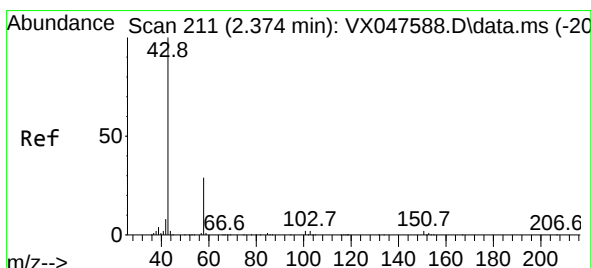
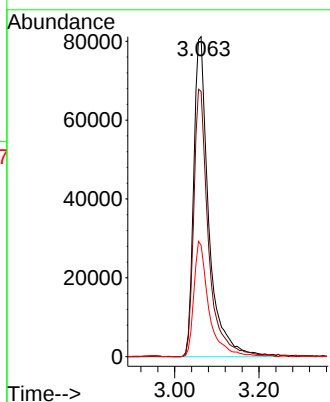
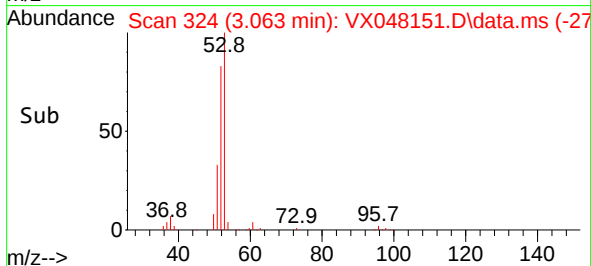
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 202370
Ion Ratio Lower Upper
53 100
52 82.0 66.4 99.6
51 36.0 29.5 44.3

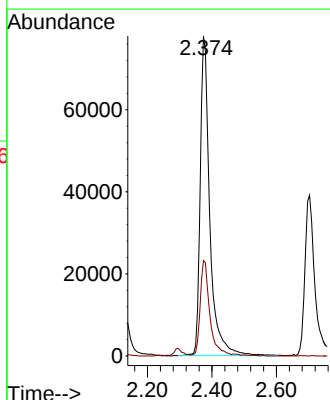
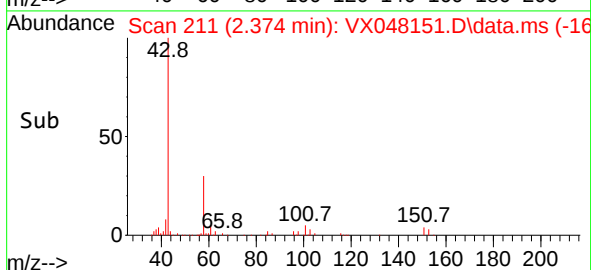
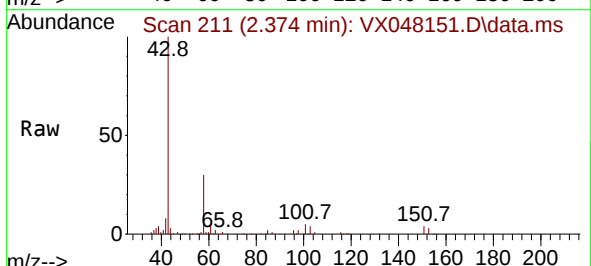
Manual Integrations
APPROVED

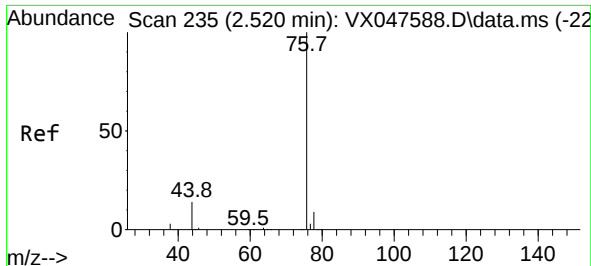
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#16
Acetone
Concen: 199.337 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 43 Resp: 160622
Ion Ratio Lower Upper
43 100
58 29.9 23.4 35.0





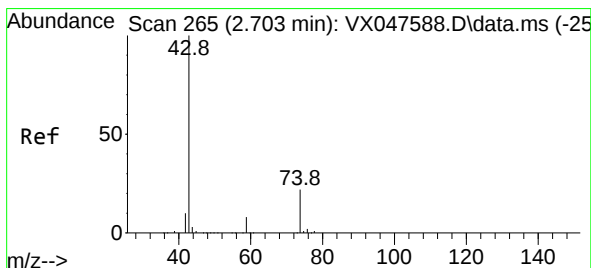
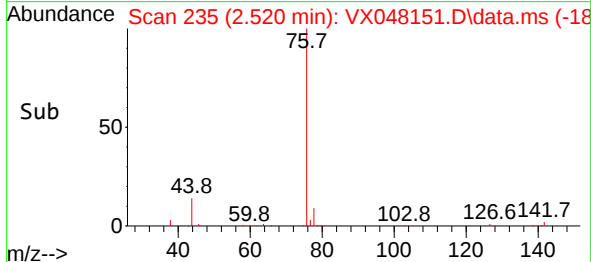
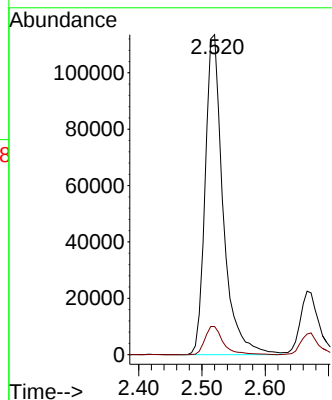
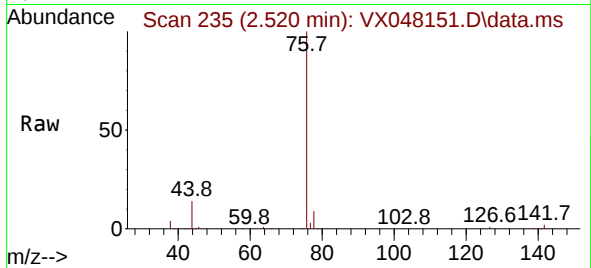
#17
Carbon Disulfide
Concen: 59.130 ug/l
RT: 2.520 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 22391
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

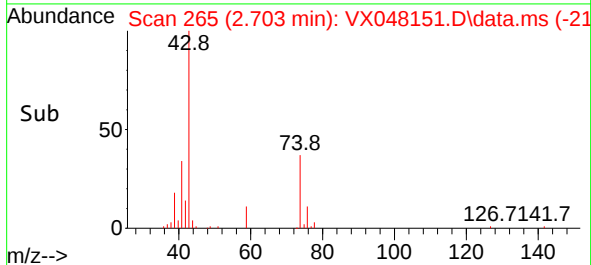
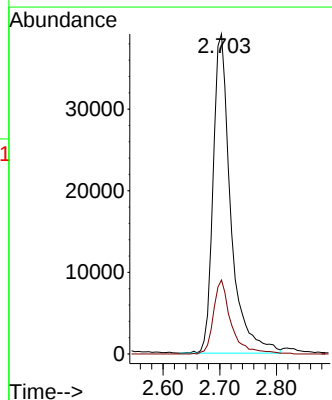
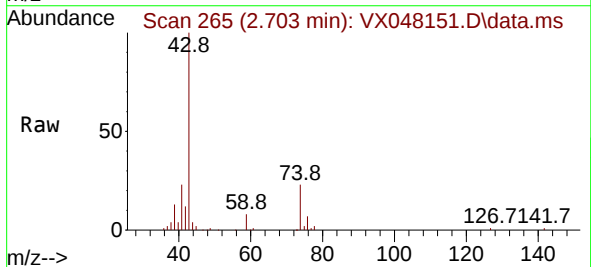
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#18
Methyl Acetate
Concen: 47.114 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

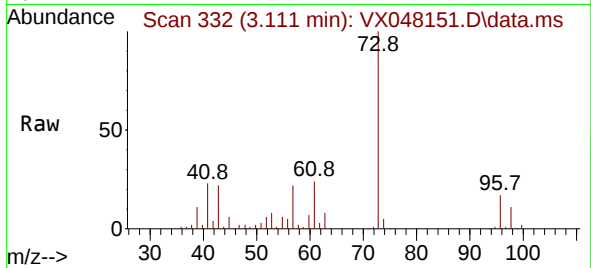
Tgt Ion: 43 Resp: 84487
Ion Ratio Lower Upper
43 100
74 23.2 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 53.207 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

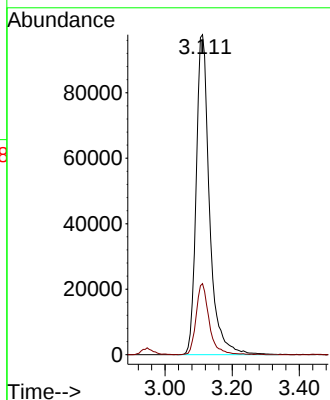
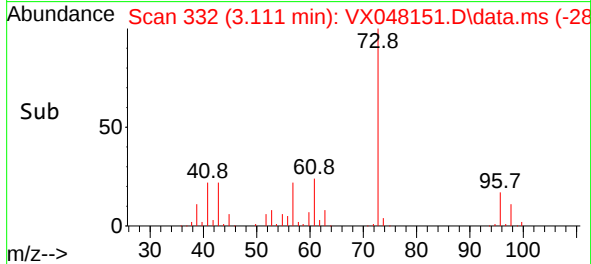
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 26866
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.2

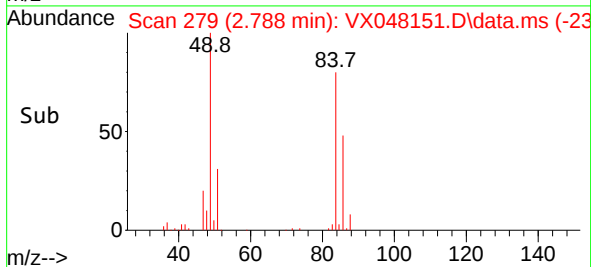
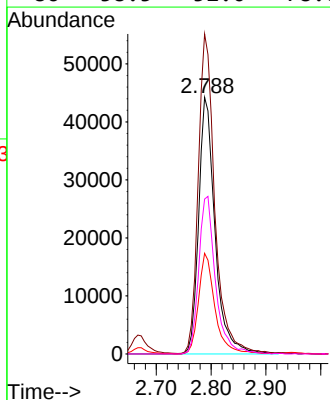
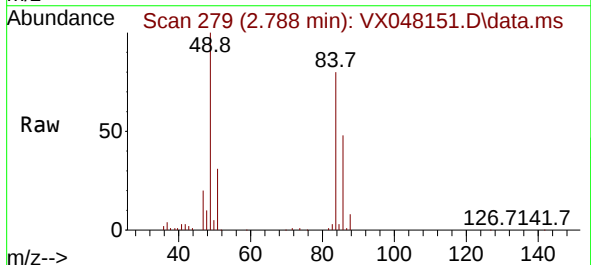
Manual Integrations
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Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#20
Methylene Chloride
Concen: 54.010 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

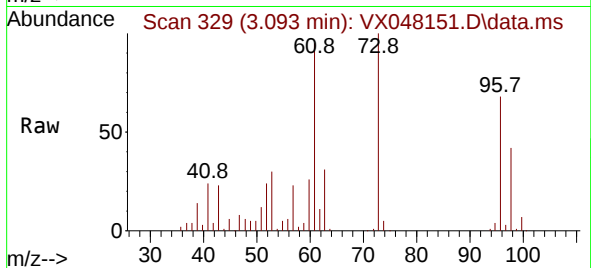
Tgt Ion: 84 Resp: 92121
Ion Ratio Lower Upper
84 100
49 120.6 108.6 162.8
51 38.0 32.6 48.8
86 58.5 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 55.356 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

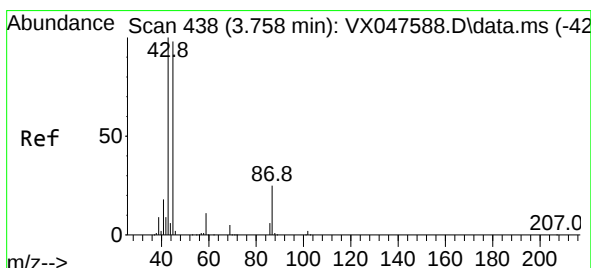
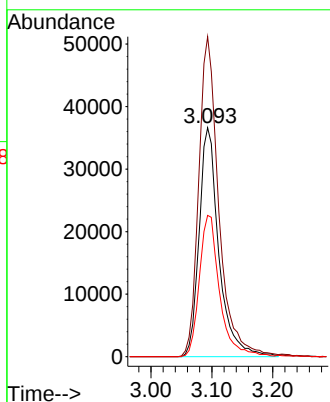
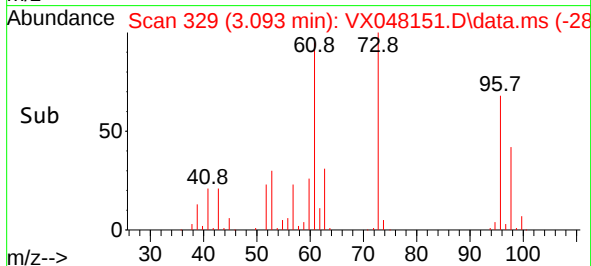
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



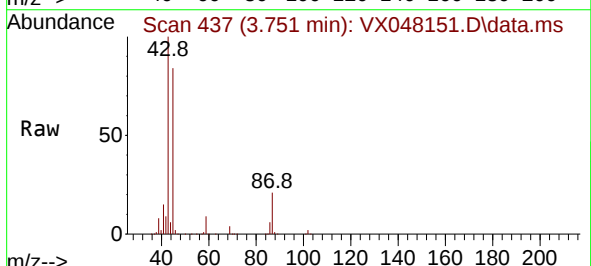
Tgt Ion: 96 Resp: 82439
Ion Ratio Lower Upper
96 100
61 139.7 116.2 174.2
98 61.7 49.3 73.9

Manual Integrations
APPROVED

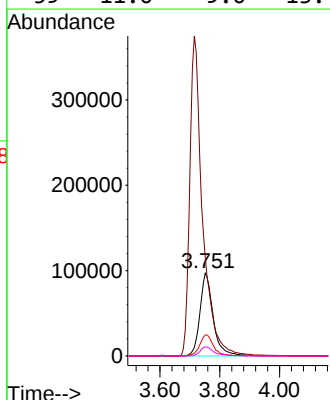
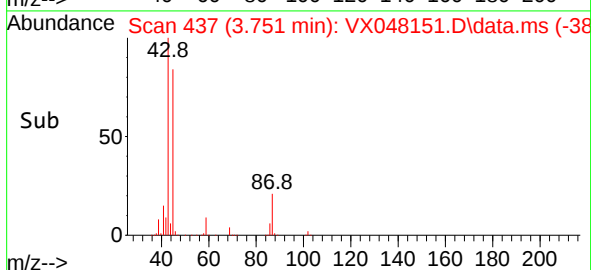
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

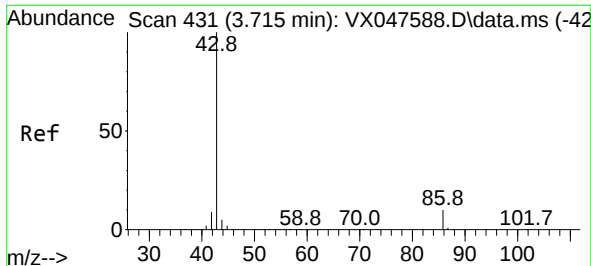


#22
Diisopropyl ether
Concen: 54.176 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15



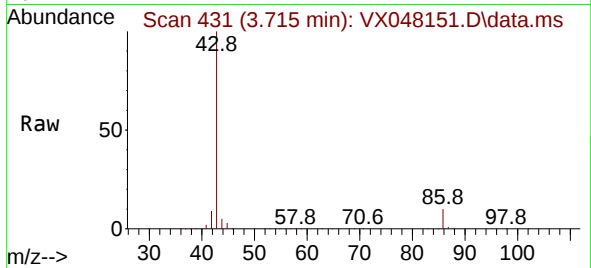
Tgt Ion: 45 Resp: 299698
Ion Ratio Lower Upper
45 100
43 119.3 81.0 121.4
87 25.4 20.3 30.5
59 11.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 252.641 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX048151.D
 Acq: 13 Oct 2025 18:15

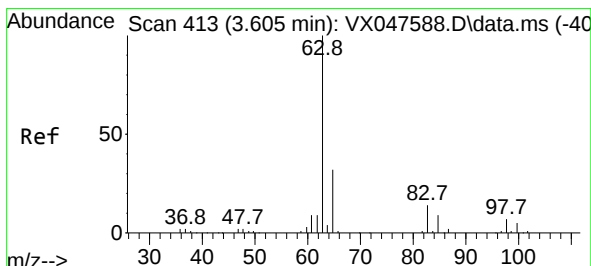
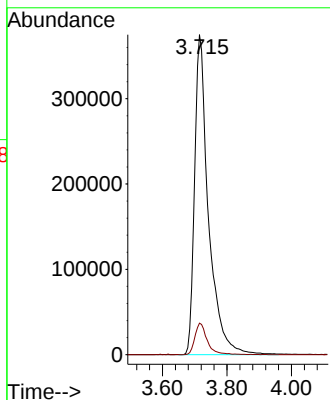
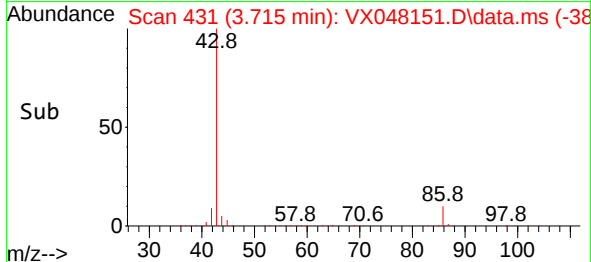
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



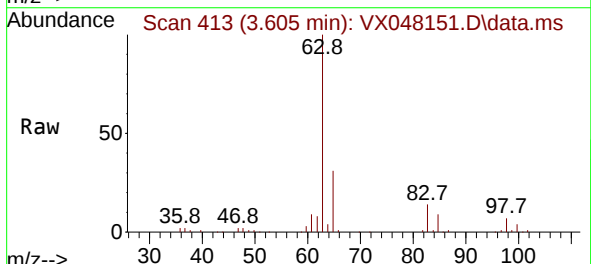
Tgt Ion: 43 Resp: 111855
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8

Manual Integrations
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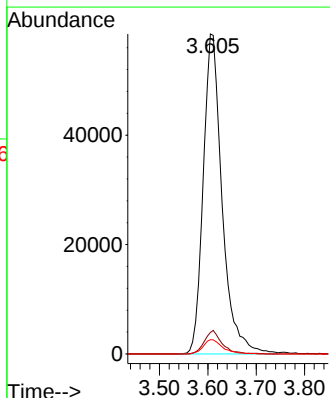
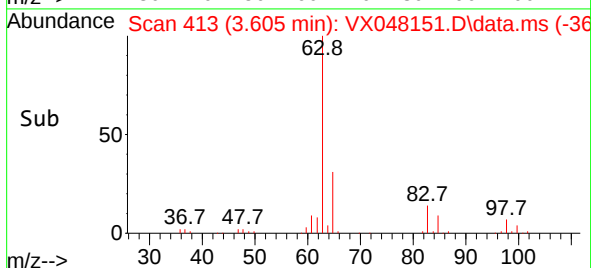
Reviewed By :John Carlone 10/14/2025
 Supervised By :Mahesh Dadoda 10/14/2025

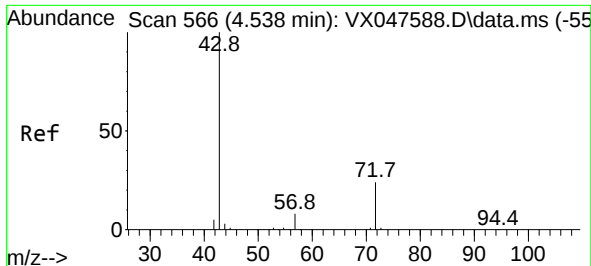


#24
 1,1-Dichloroethane
 Concen: 54.001 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048151.D
 Acq: 13 Oct 2025 18:15



Tgt Ion: 63 Resp: 158777
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 4.4 2.3 6.9





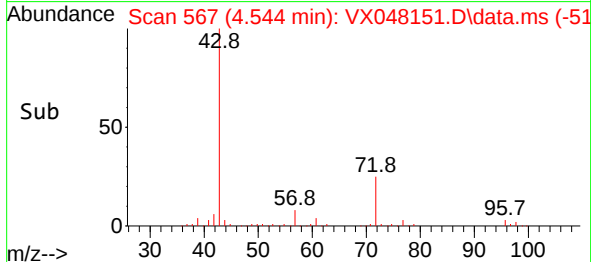
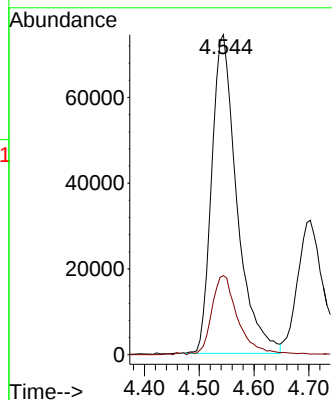
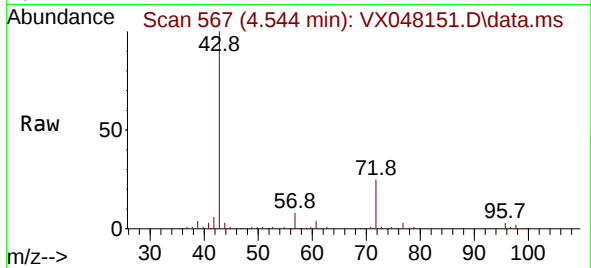
#25
2-Butanone
Concen: 236.205 ug/l
RT: 4.544 min Scan# 50
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 23741
Ion Ratio Lower Upper
43 100
72 24.1 20.1 30.1

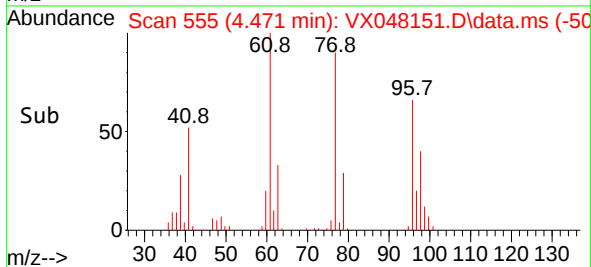
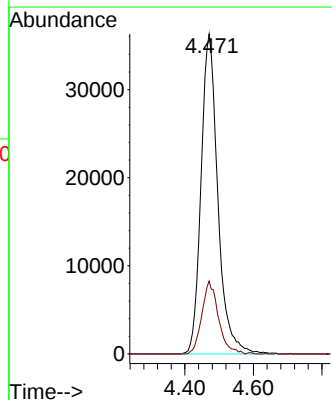
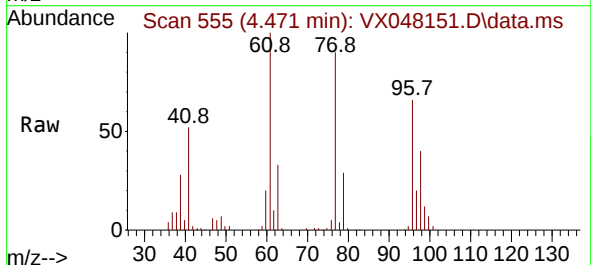
Manual Integrations
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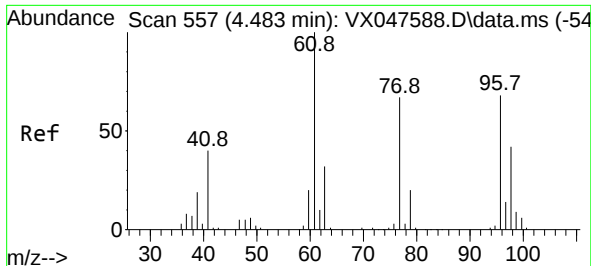
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#26
2,2-Dichloropropane
Concen: 50.678 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 77 Resp: 123863
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 54.800 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX048151.D

Acq: 13 Oct 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 9994

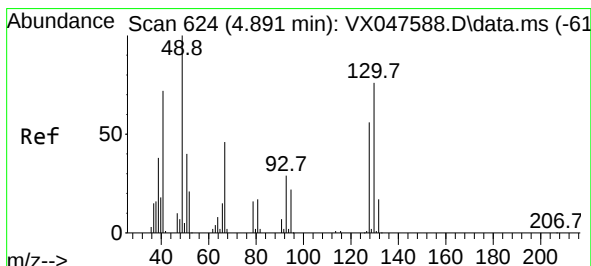
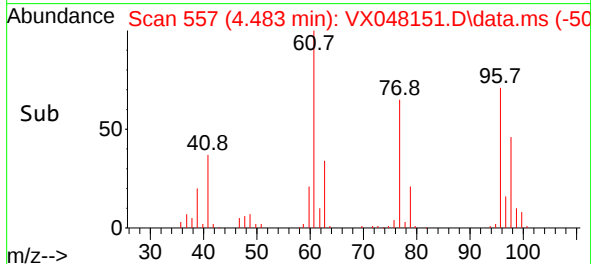
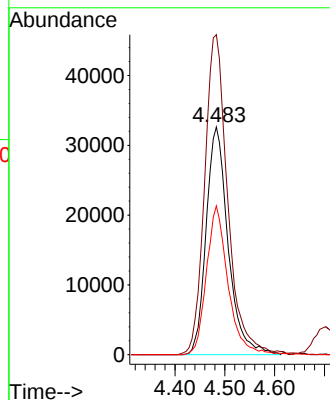
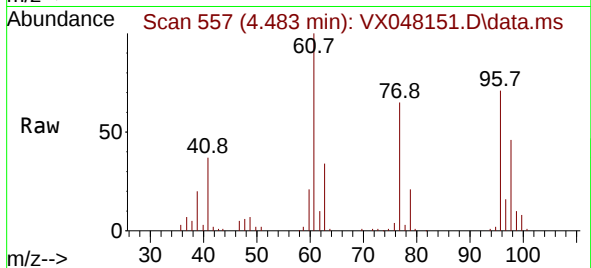
Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	303.2
98	64.2	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2025

Supervised By :Mahesh Dadoda 10/14/2025



#28

Bromochloromethane

Concen: 56.572 ug/l

RT: 4.891 min Scan# 624

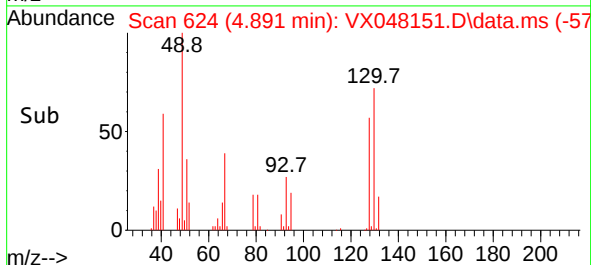
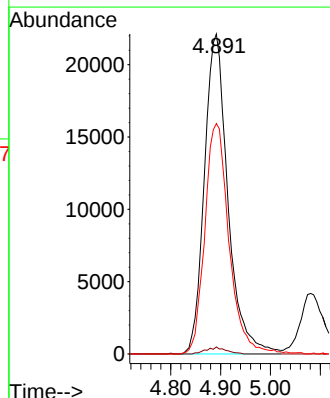
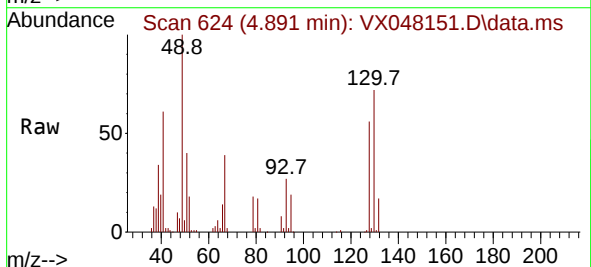
Delta R.T. 0.000 min

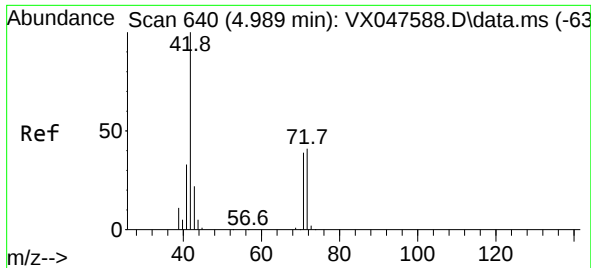
Lab File: VX048151.D

Acq: 13 Oct 2025 18:15

Tgt Ion: 49 Resp: 72617

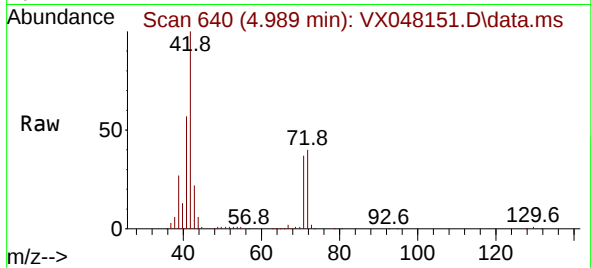
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	74.0	57.8	86.8





#29
Tetrahydrofuran
Concen: 247.143 ug/l
RT: 4.989 min Scan# 640
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

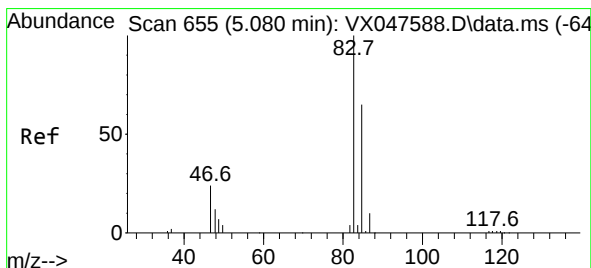
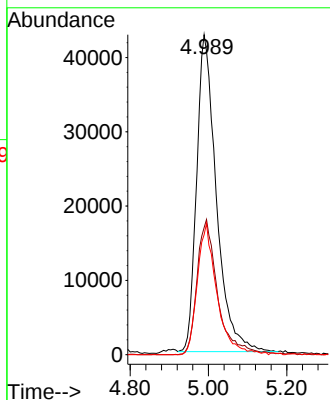
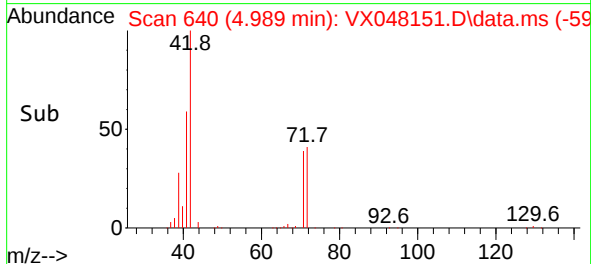
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 149435
Ion Ratio Lower Upper
42 100
72 44.2 34.2 51.2
71 41.0 31.9 47.9

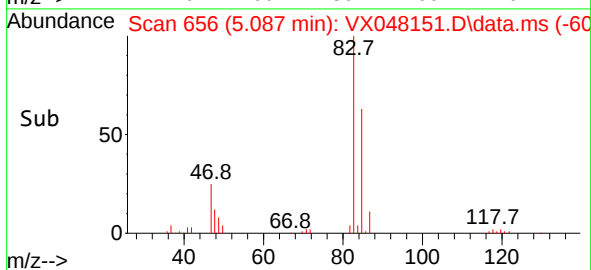
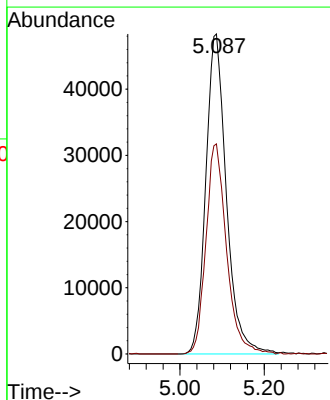
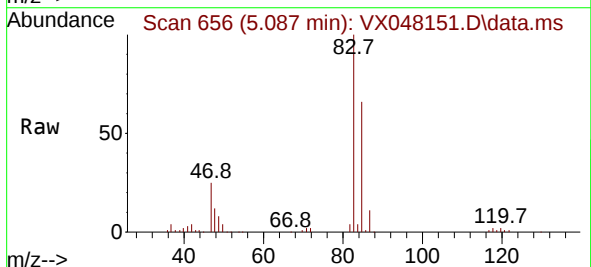
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#30
Chloroform
Concen: 55.163 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

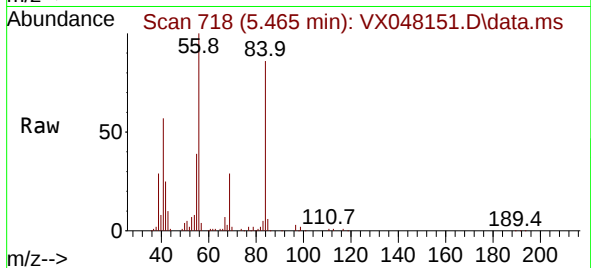
Tgt Ion: 83 Resp: 163902
Ion Ratio Lower Upper
83 100
85 65.6 51.8 77.6





#31
Cyclohexane
Concen: 52.880 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

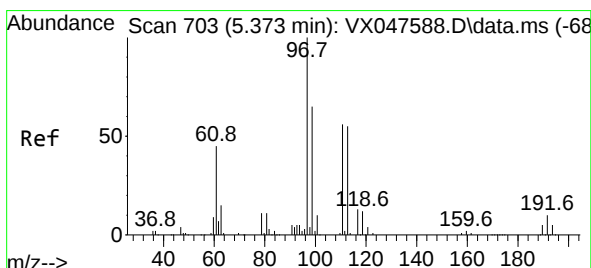
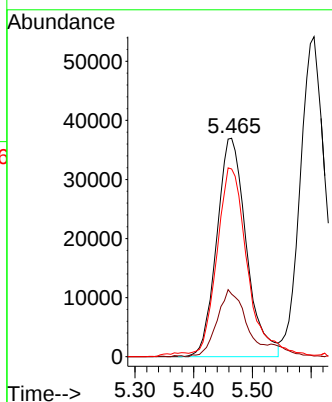
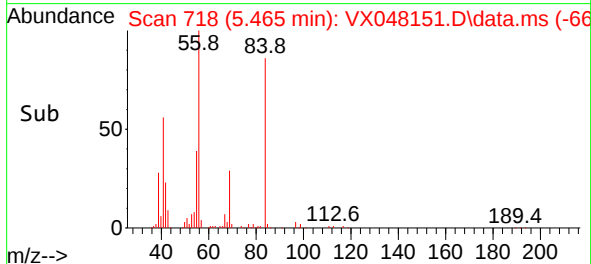
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 12949
Ion Ratio Lower Upper
56 100
69 28.2 23.8 35.8
84 84.3 64.6 97.0

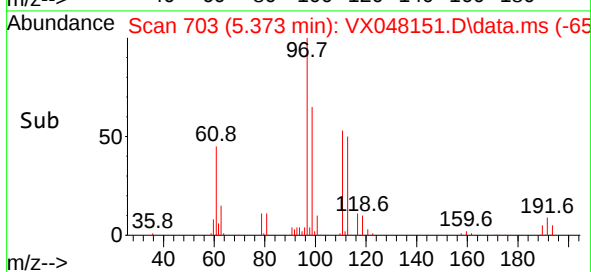
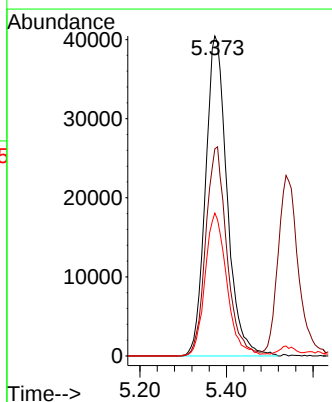
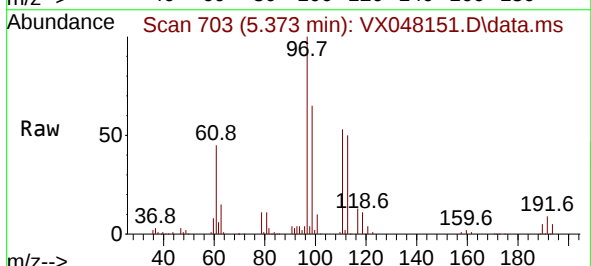
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#32
1,1,1-Trichloroethane
Concen: 55.569 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 97 Resp: 140046
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 45.1 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 46.374 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048151.D

Acq: 13 Oct 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 8594

Ion Ratio Lower Upper

65 100

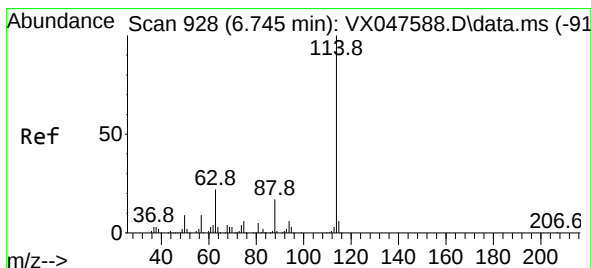
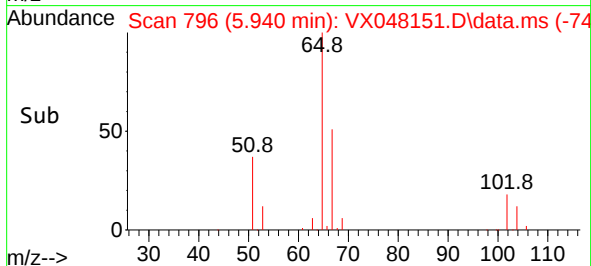
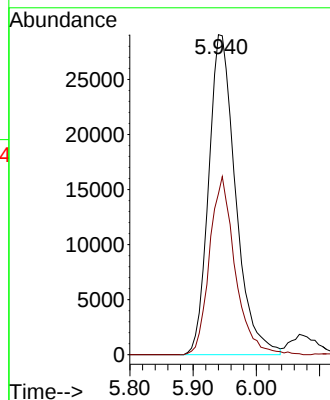
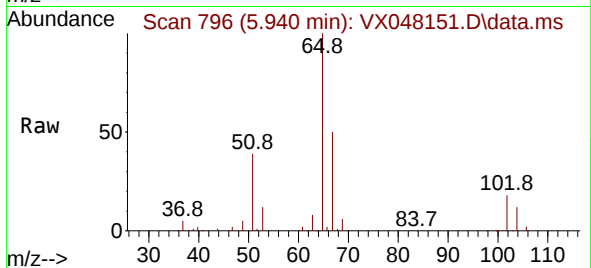
67 52.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2025

Supervised By :Mahesh Dadoda 10/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048151.D

Acq: 13 Oct 2025 18:15

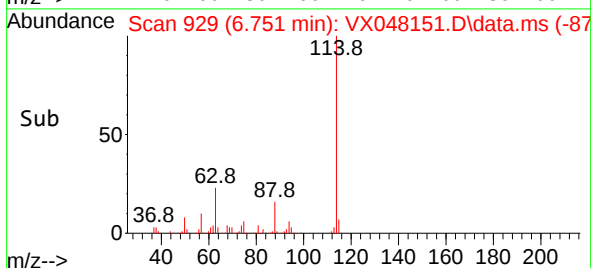
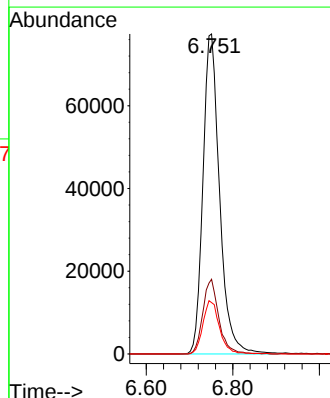
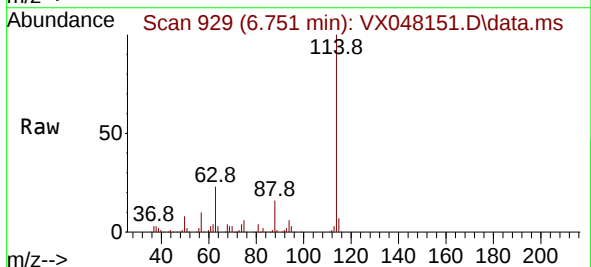
Tgt Ion:114 Resp: 206286

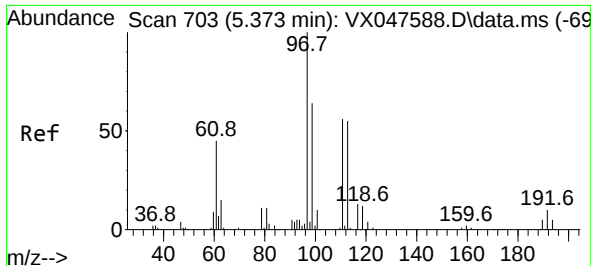
Ion Ratio Lower Upper

114 100

63 23.4 0.0 44.0

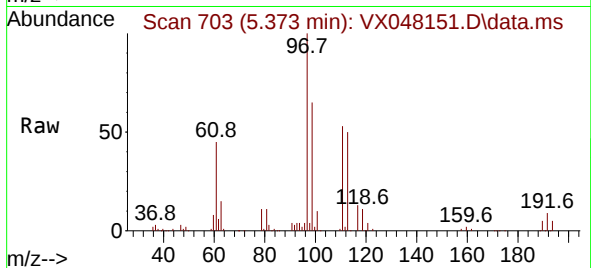
88 16.0 0.0 34.2





#35
Dibromofluoromethane
Concen: 48.287 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

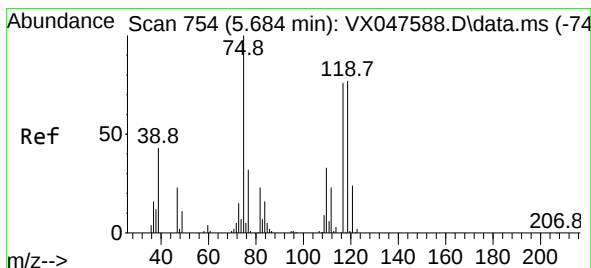
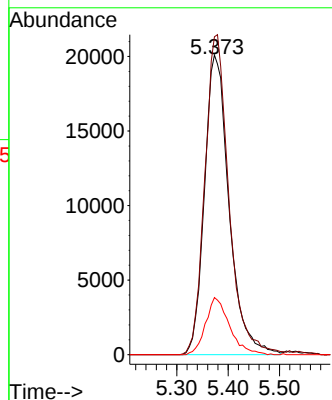
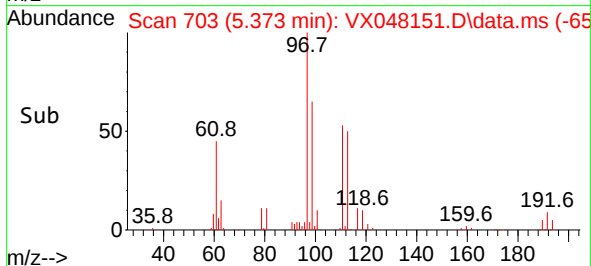
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 6680
Ion Ratio Lower Upper
113 100
111 104.9 80.9 121.3
192 18.6 14.2 21.4

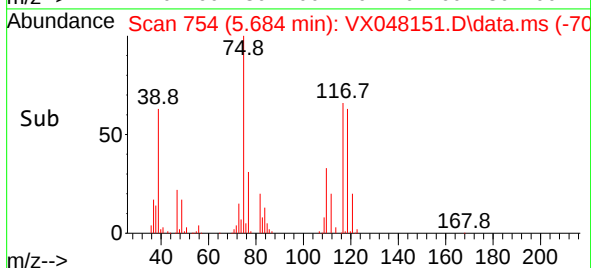
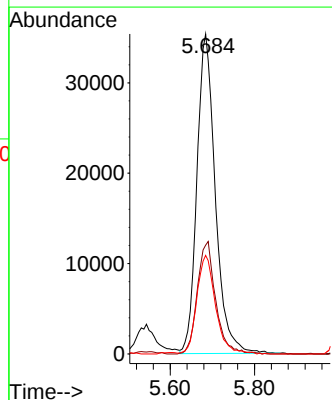
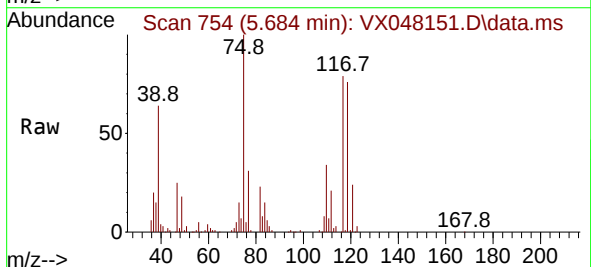
Manual Integrations
APPROVED

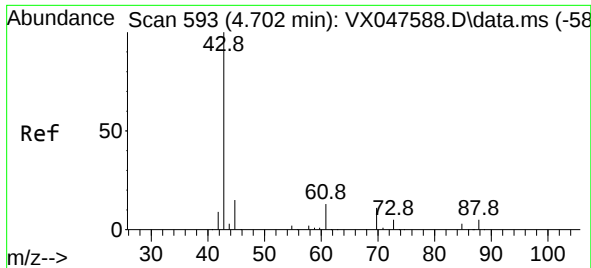
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#36
1,1-Dichloropropene
Concen: 53.115 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

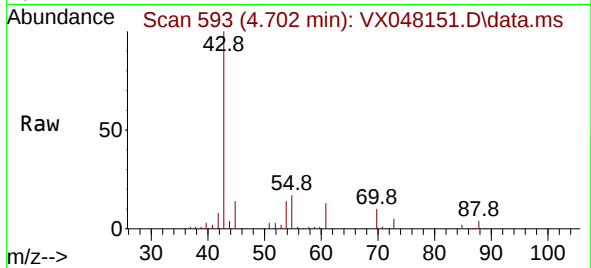
Tgt Ion: 75 Resp: 107376
Ion Ratio Lower Upper
75 100
110 34.9 16.7 50.1
77 31.5 24.3 36.5





#37
Ethyl Acetate
Concen: 48.261 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

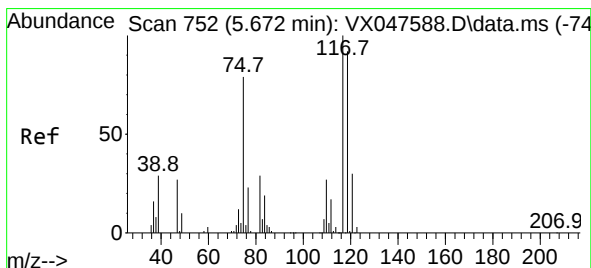
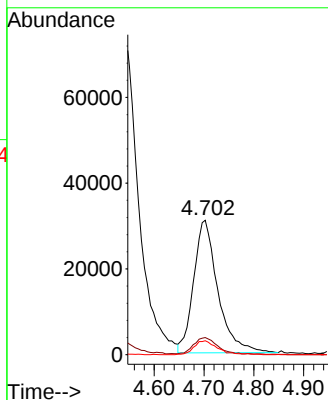
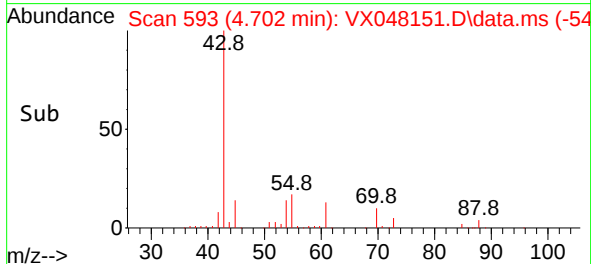
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 104462
Ion Ratio Lower Upper
43 100
61 11.6 9.8 14.8
70 10.2 7.9 11.9

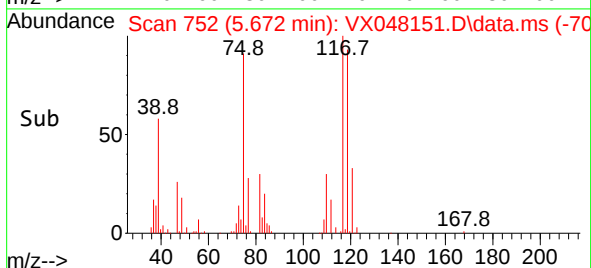
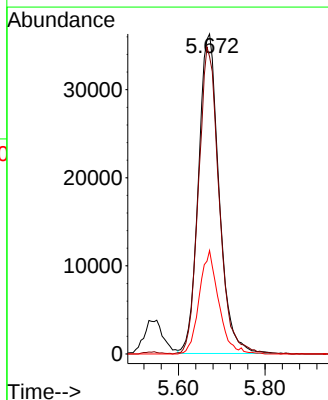
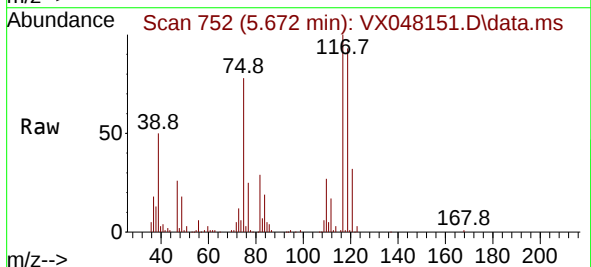
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#38
Carbon Tetrachloride
Concen: 54.638 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:117 Resp: 120011
Ion Ratio Lower Upper
117 100
119 92.9 73.4 110.2
121 32.3 23.8 35.6





#39

Methylcyclohexane

Concen: 54.569 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VX048151.D

Acq: 13 Oct 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

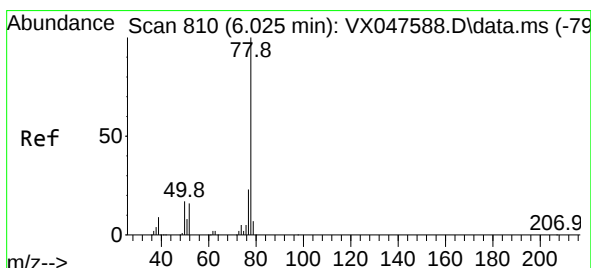
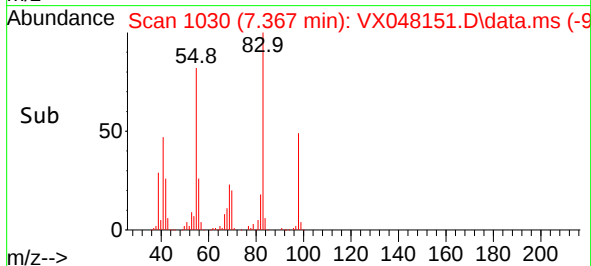
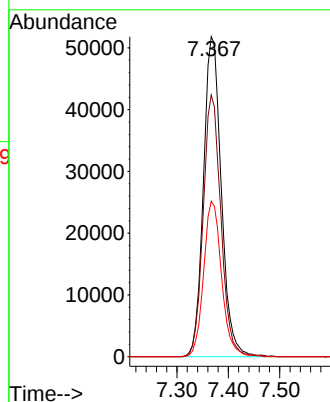
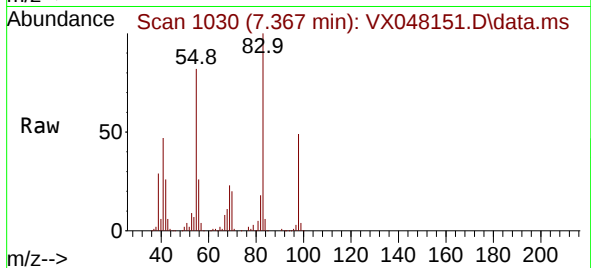
Tgt Ion:	83	Resp:	12522
Ion Ratio	Lower	Upper	
83	100		
55	81.8	66.4	99.6
98	48.6	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2025

Supervised By :Mahesh Dadoda 10/14/2025



#40

Benzene

Concen: 55.471 ug/l

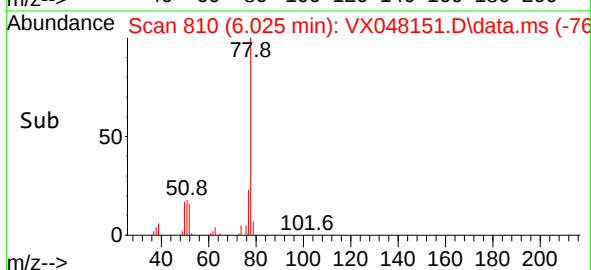
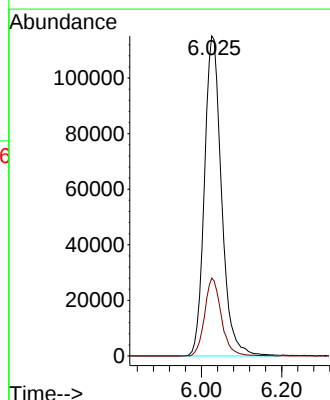
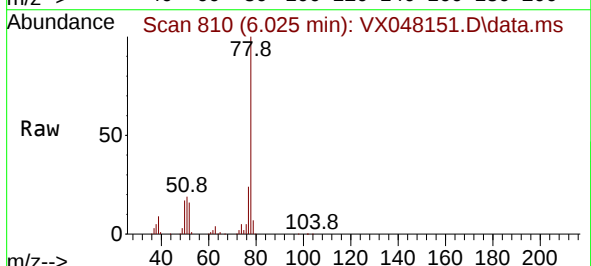
RT: 6.025 min Scan# 810

Delta R.T. -0.000 min

Lab File: VX048151.D

Acq: 13 Oct 2025 18:15

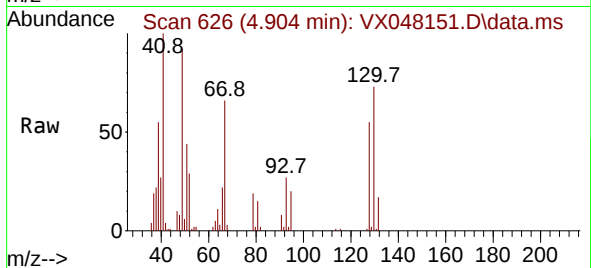
Tgt Ion:	78	Resp:	340597
Ion Ratio	Lower	Upper	
78	100		
77	24.3	18.8	28.2





#41
Methacrylonitrile
Concen: 51.961 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

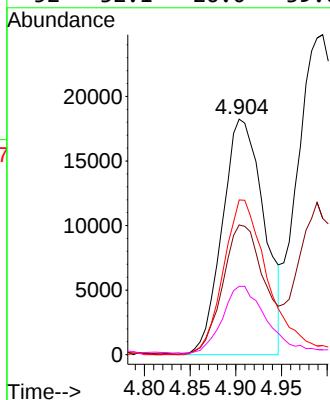
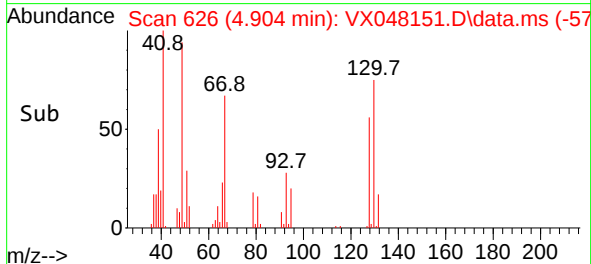
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



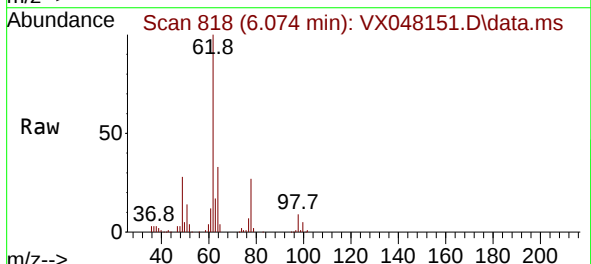
Tgt Ion: 41 Resp: 58064
Ion Ratio Lower Upper
41 100
39 54.3 43.3 64.9
67 72.2 58.6 87.8
52 32.1 26.0 39.0

Manual Integrations
APPROVED

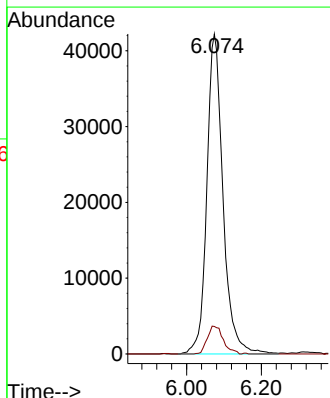
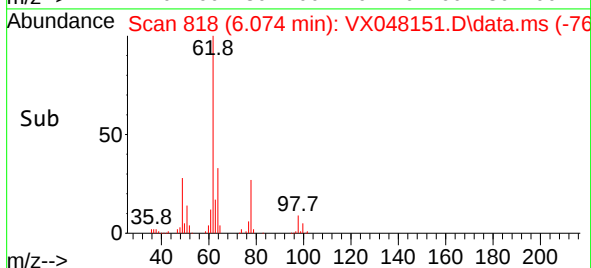
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#42
1,2-Dichloroethane
Concen: 54.137 ug/l
RT: 6.074 min Scan# 818
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15



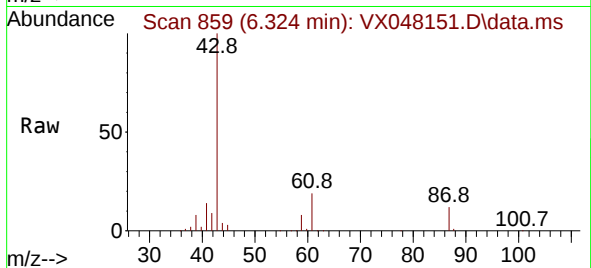
Tgt Ion: 62 Resp: 126475
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.0





#43
Isopropyl Acetate
Concen: 50.130 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

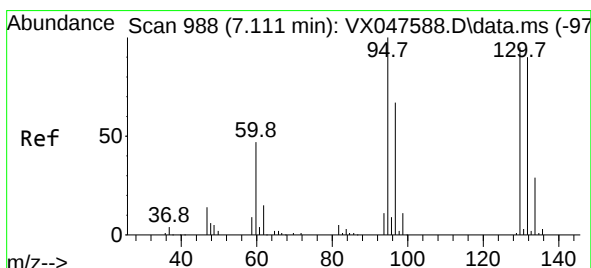
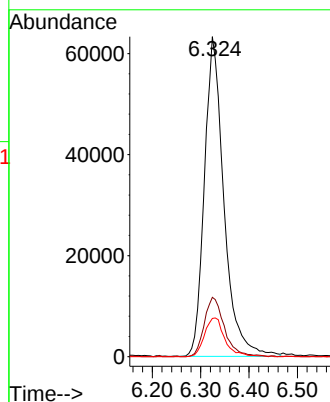
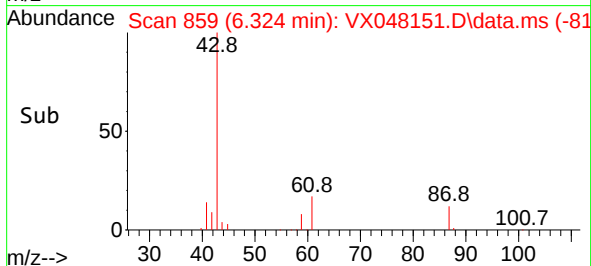
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 177959
Ion Ratio Lower Upper
43 100
61 19.1 15.2 22.8
87 12.6 9.6 14.4

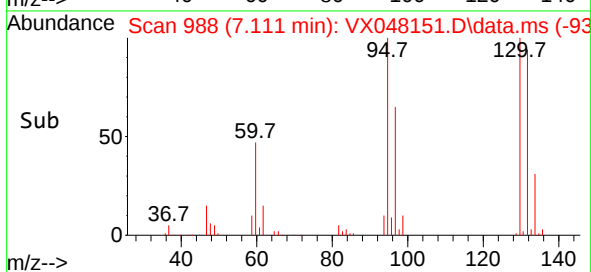
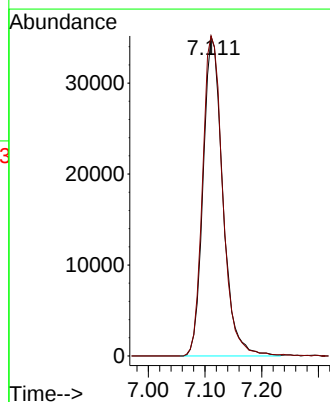
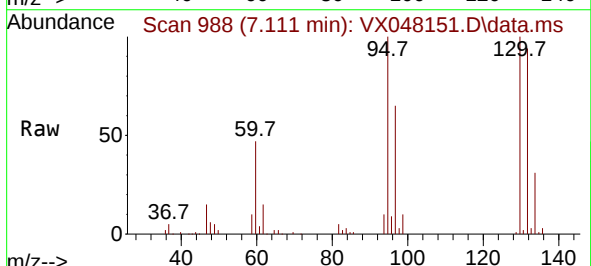
Manual Integrations
APPROVED

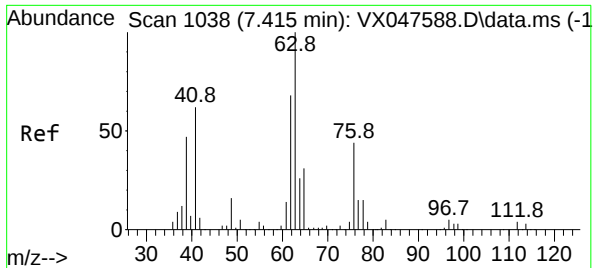
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#44
Trichloroethene
Concen: 57.022 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

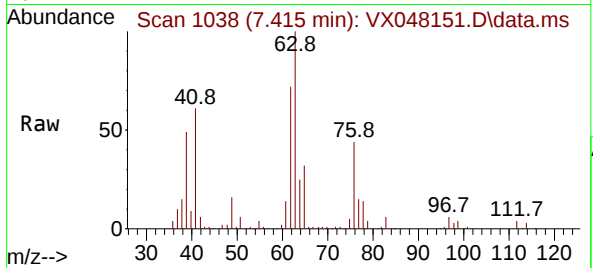
Tgt Ion:130 Resp: 84645
Ion Ratio Lower Upper
130 100
95 100.2 0.0 210.8





#45
1,2-Dichloropropane
Concen: 55.794 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

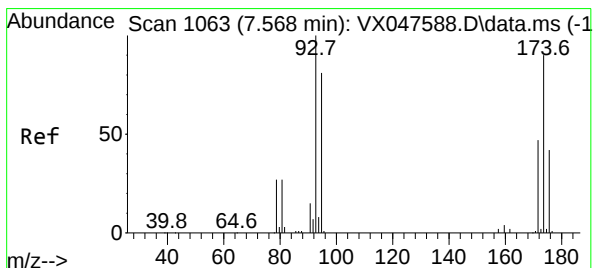
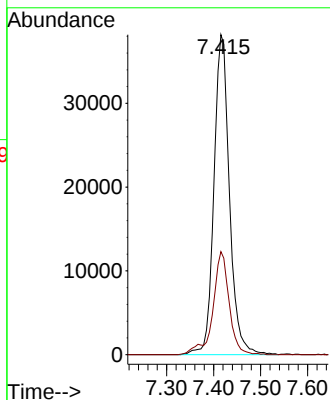
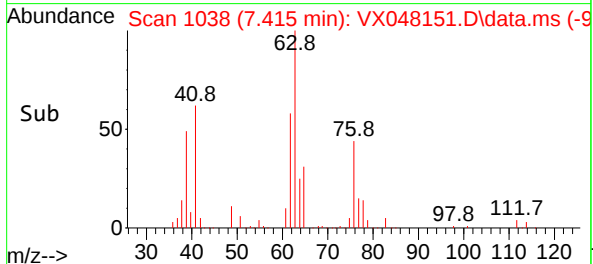
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



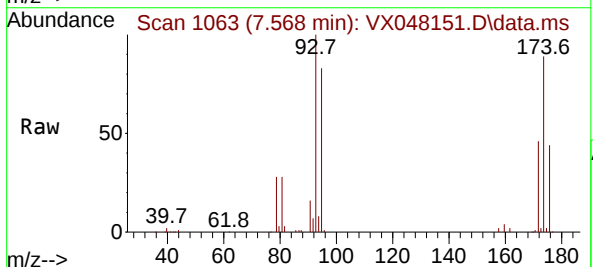
Tgt Ion: 63 Resp: 8772
Ion Ratio Lower Upper
63 100
65 32.2 24.7 37.1

Manual Integrations
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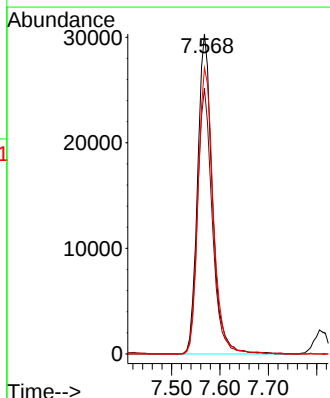
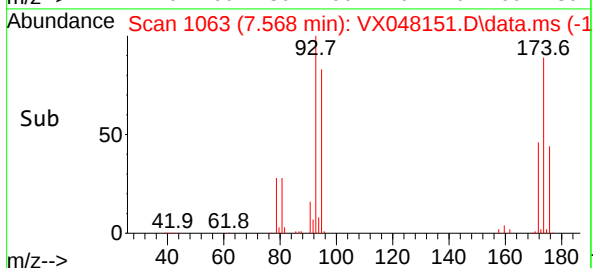
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

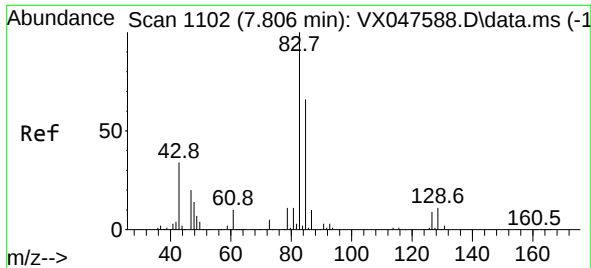


#46
Dibromomethane
Concen: 55.970 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15



Tgt Ion: 93 Resp: 64036
Ion Ratio Lower Upper
93 100
95 83.4 65.0 97.6
174 92.1 71.6 107.4





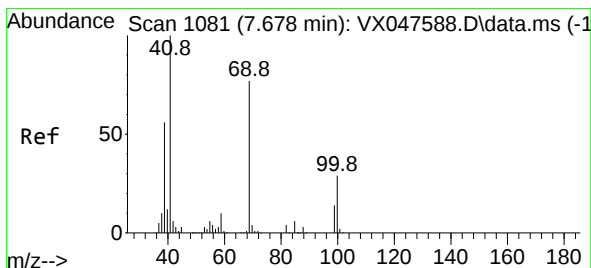
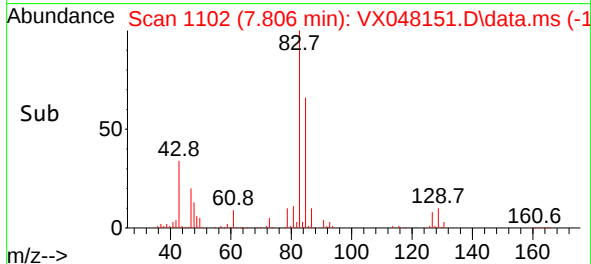
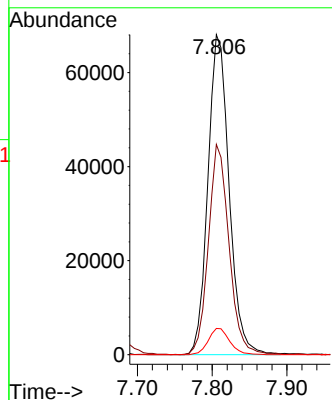
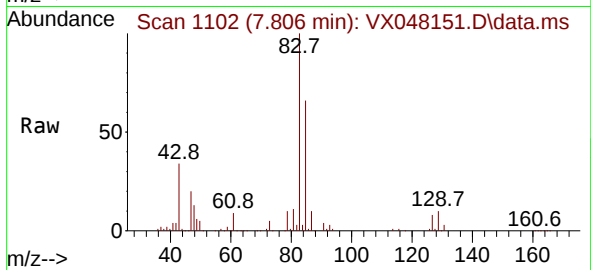
#47
Bromodichloromethane
Concen: 56.806 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 134110
Ion Ratio Lower Upper
83 100
85 65.7 52.5 78.7
127 8.2 6.9 10.3

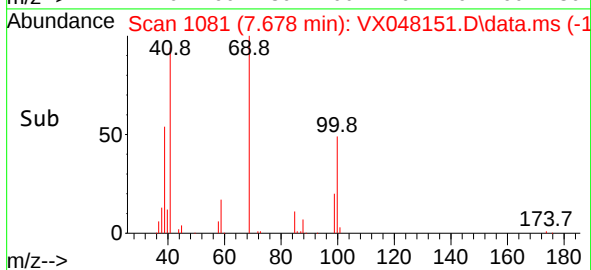
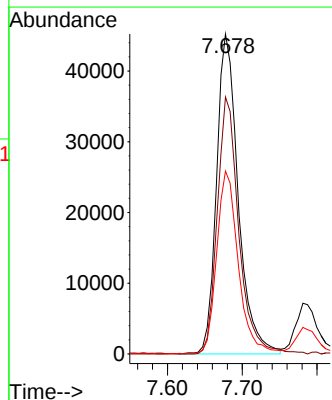
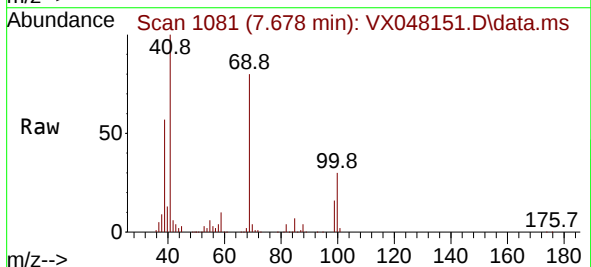
Manual Integrations
APPROVED

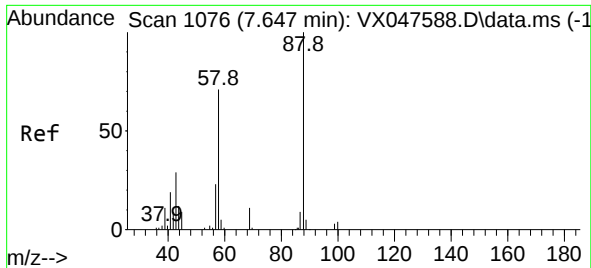
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#48
Methyl methacrylate
Concen: 51.684 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 41 Resp: 91392
Ion Ratio Lower Upper
41 100
69 79.7 61.4 92.2
39 57.1 45.8 68.6





#49

1,4-Dioxane

Concen: 1223.595 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.006 min

Lab File: VX048151.D

Acq: 13 Oct 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

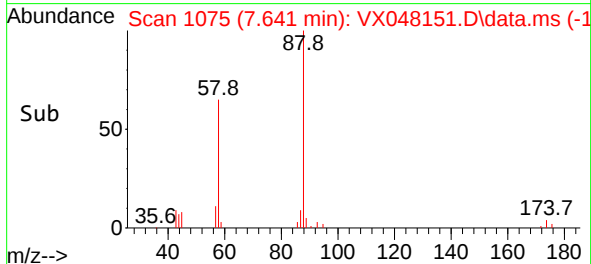
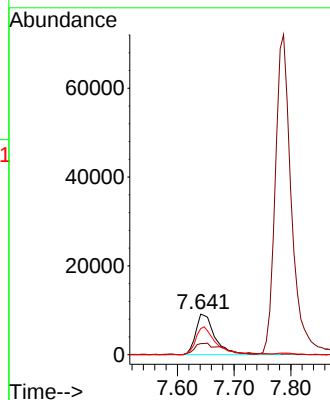
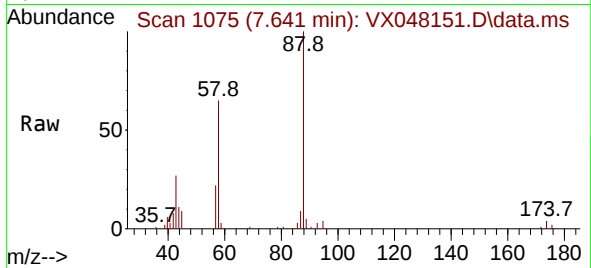
Tgt Ion: 88 Resp: 21860
 Ion Ratio Lower Upper
 88 100
 43 39.5 30.2 45.2
 58 68.7 59.5 89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2025

Supervised By :Mahesh Dadoda 10/14/2025



#50

Toluene-d8

Concen: 46.467 ug/l

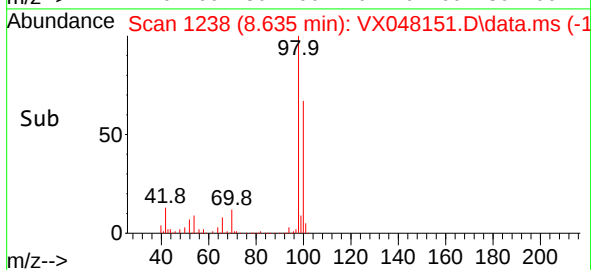
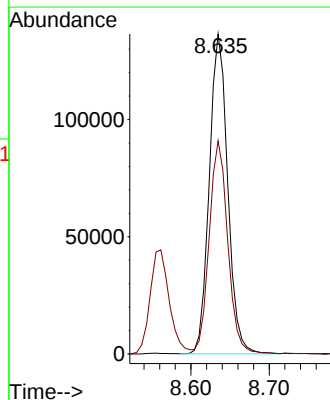
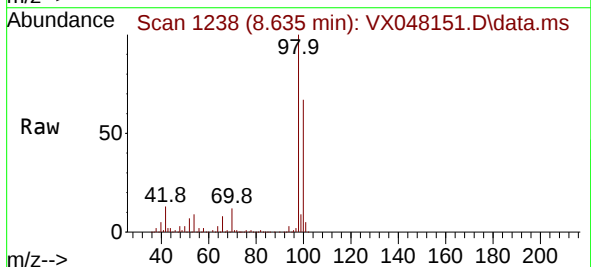
RT: 8.635 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VX048151.D

Acq: 13 Oct 2025 18:15

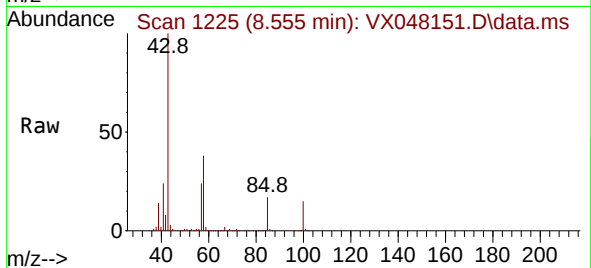
Tgt Ion: 98 Resp: 222442
 Ion Ratio Lower Upper
 98 100
 100 66.8 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 264.050 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

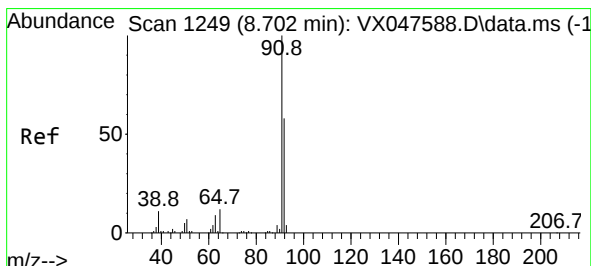
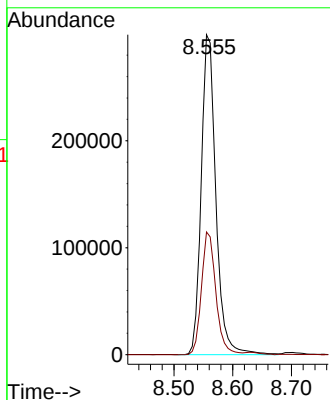
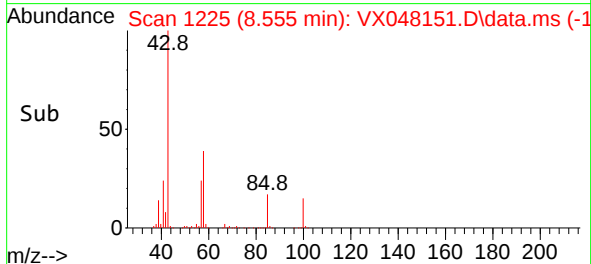
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 51971
Ion Ratio Lower Upper
43 100
58 37.7 30.3 45.5

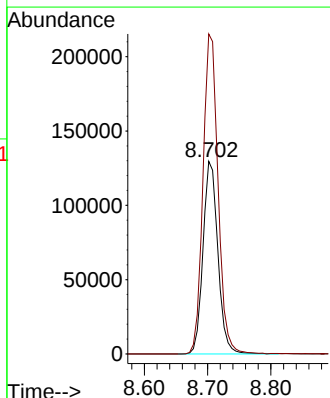
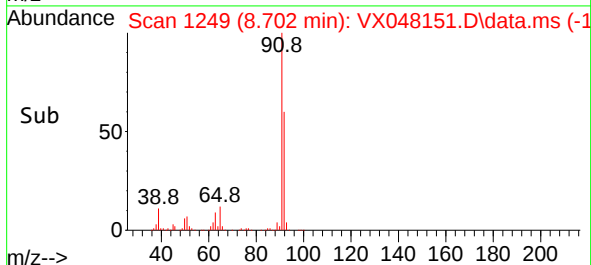
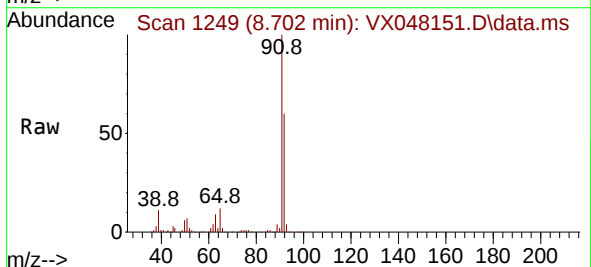
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#52
Toluene
Concen: 56.100 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 92 Resp: 212219
Ion Ratio Lower Upper
92 100
91 168.4 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 55.226 ug/l

RT: 8.964 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VX048151.D

Acq: 13 Oct 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 132994

Ion Ratio Lower Upper

75 100

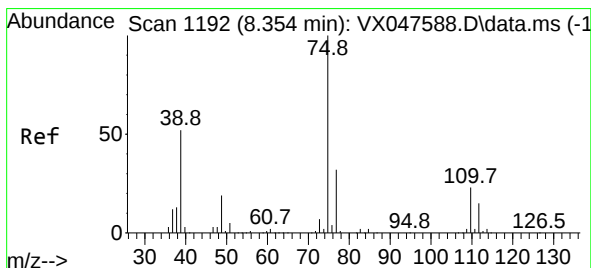
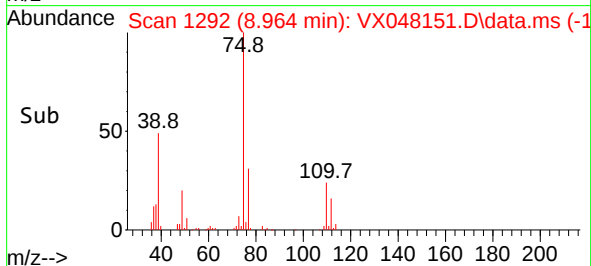
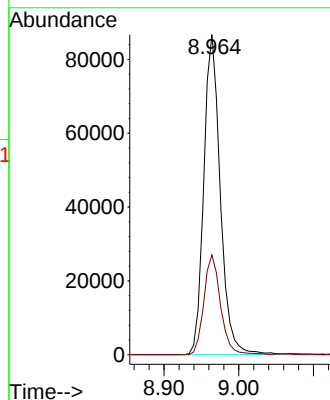
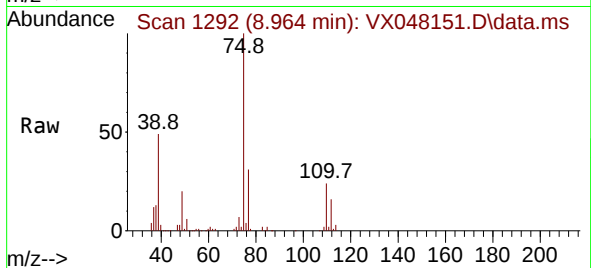
77 31.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2025

Supervised By :Mahesh Dadoda 10/14/2025



#54

cis-1,3-Dichloropropene

Concen: 55.148 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048151.D

Acq: 13 Oct 2025 18:15

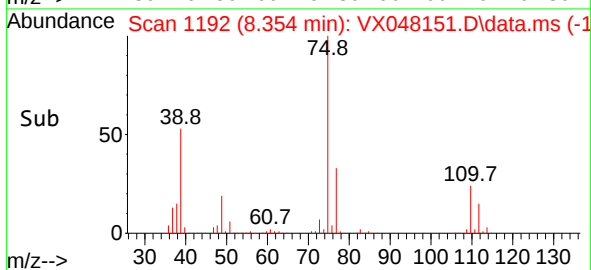
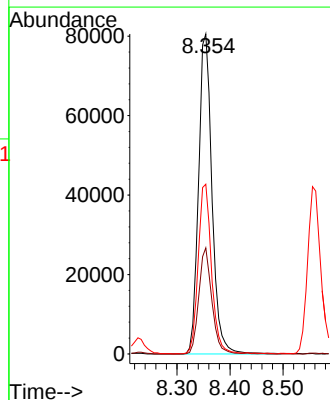
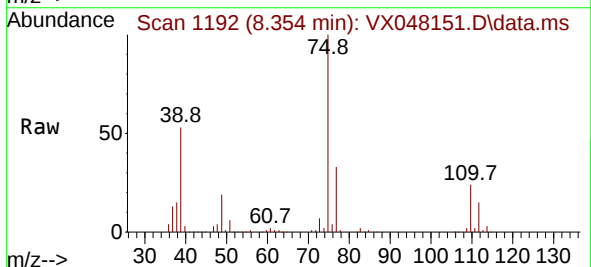
Tgt Ion: 75 Resp: 141949

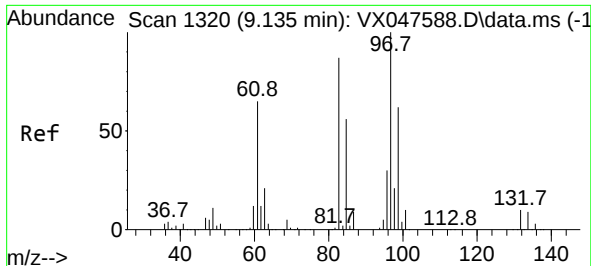
Ion Ratio Lower Upper

75 100

77 33.1 25.8 38.6

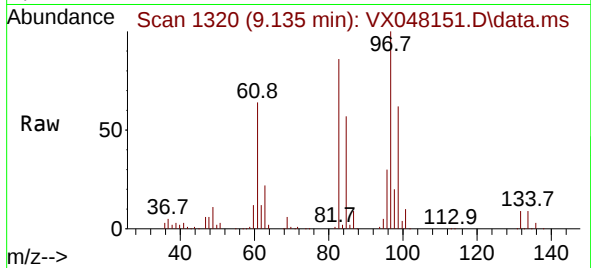
39 53.0 41.4 62.2





#55
1,1,2-Trichloroethane
Concen: 56.718 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

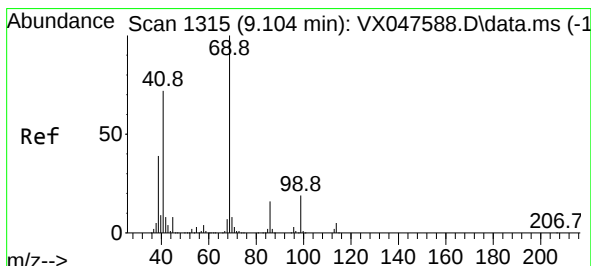
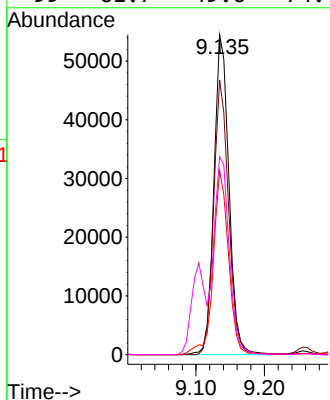
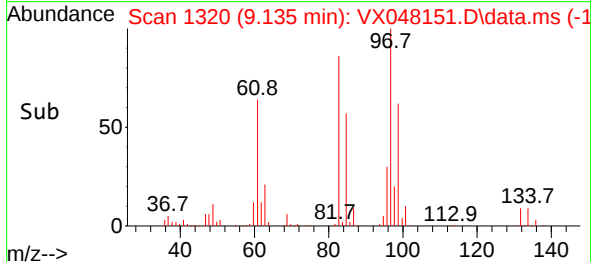
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



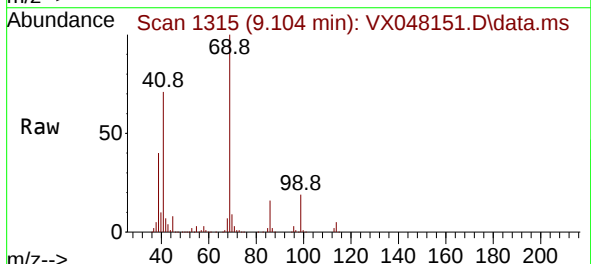
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.9	69.6	104.4
85	57.5	45.0	67.6
99	61.7	49.6	74.4

Manual Integrations
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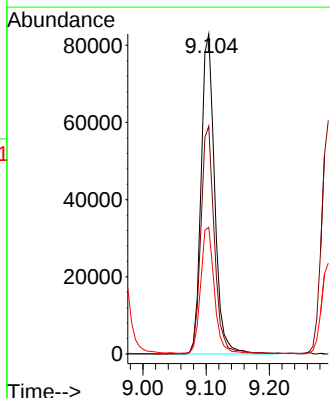
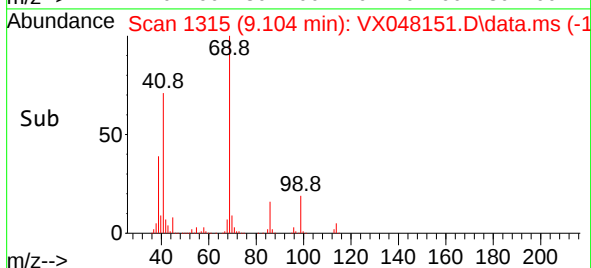
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#56
Ethyl methacrylate
Concen: 54.131 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15



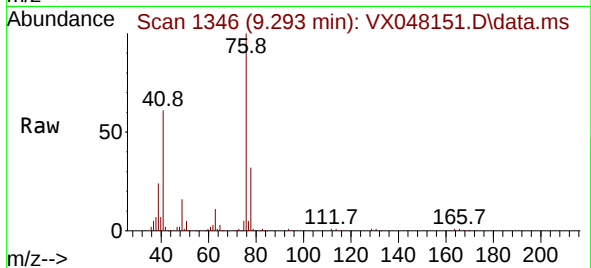
Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.6	58.6	87.8
39	39.9	31.5	47.3





#57
1,3-Dichloropropane
Concen: 57.240 ug/l
RT: 9.293 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

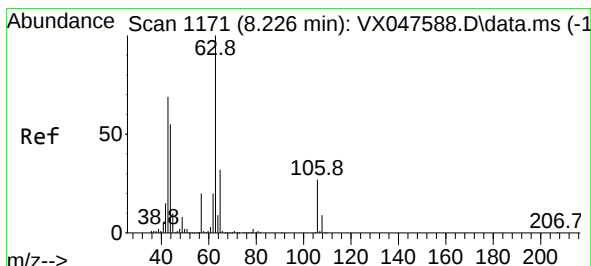
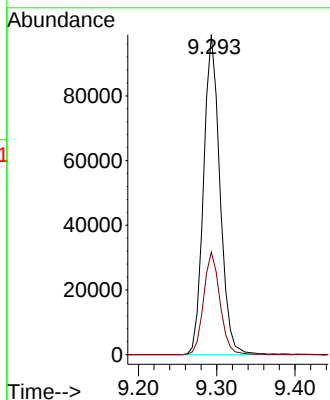
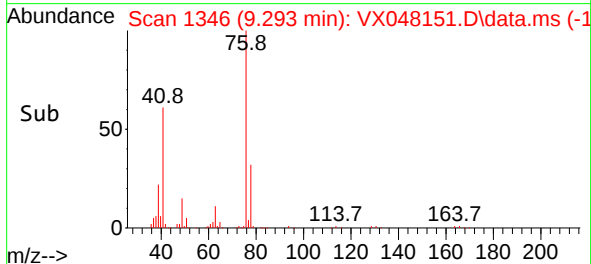
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



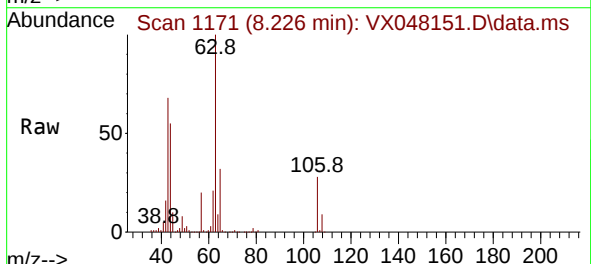
Tgt Ion: 76 Resp: 143428
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.4

Manual Integrations
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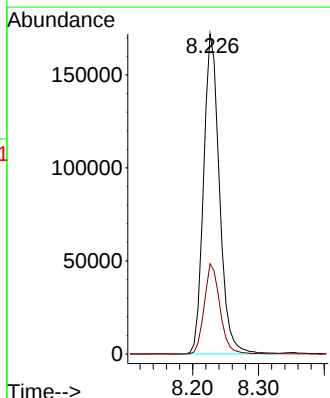
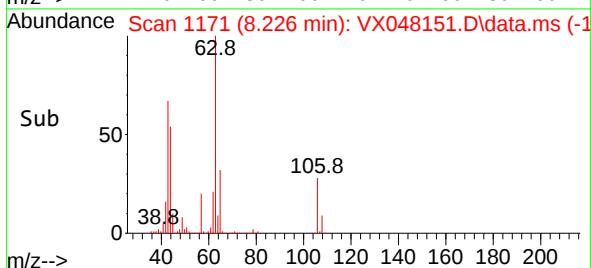
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

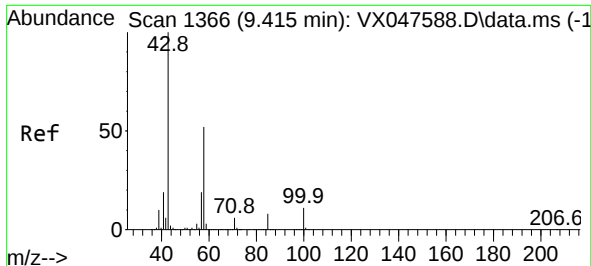


#58
2-Chloroethyl Vinyl ether
Concen: 263.185 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15



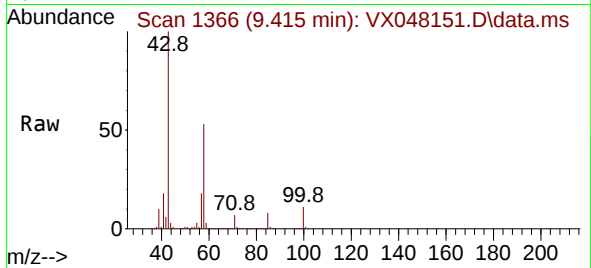
Tgt Ion: 63 Resp: 289078
Ion Ratio Lower Upper
63 100
106 27.9 21.9 32.9





#59
2-Hexanone
Concen: 253.109 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

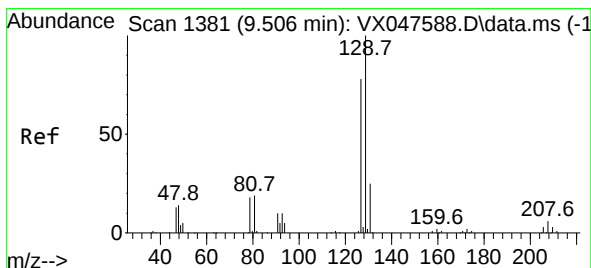
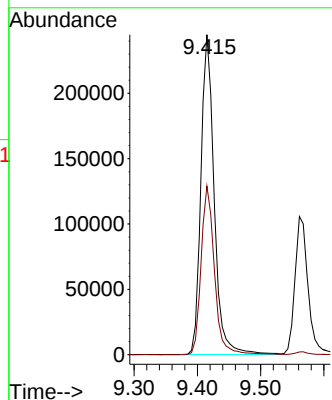
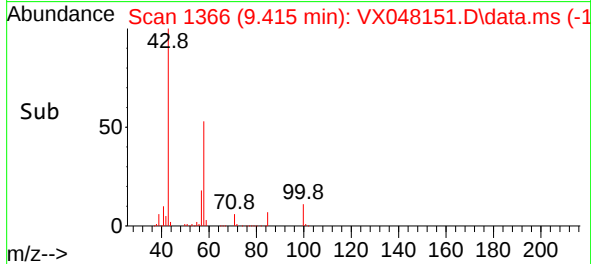
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 357790
Ion Ratio Lower Upper
43 100
58 53.2 26.1 78.2

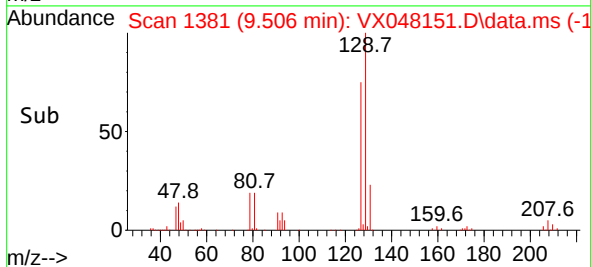
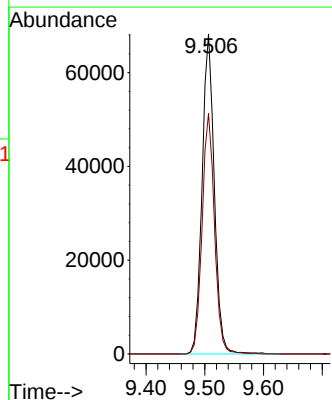
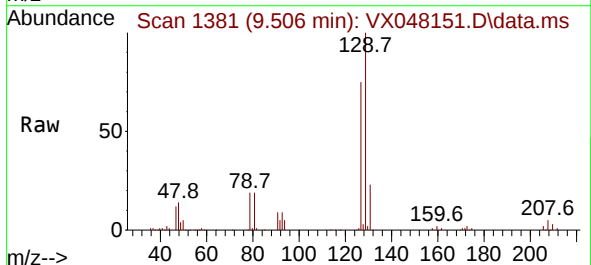
Manual Integrations
APPROVED

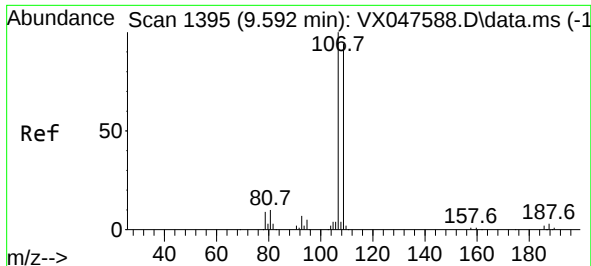
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#60
Dibromochloromethane
Concen: 58.796 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

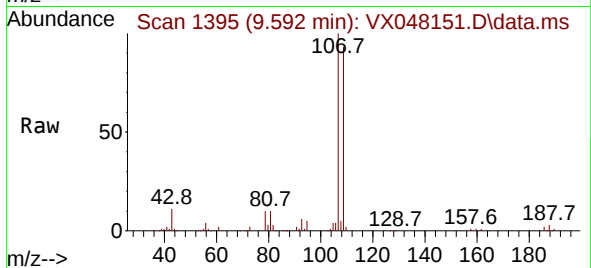
Tgt Ion:129 Resp: 98818
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.2





#61
1,2-Dibromoethane
Concen: 58.369 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

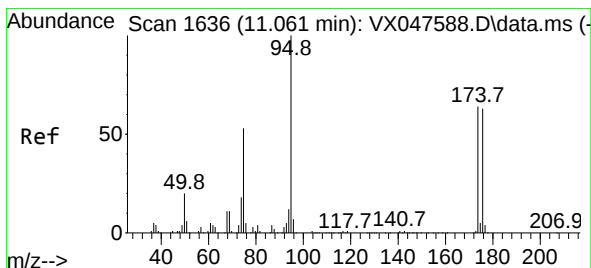
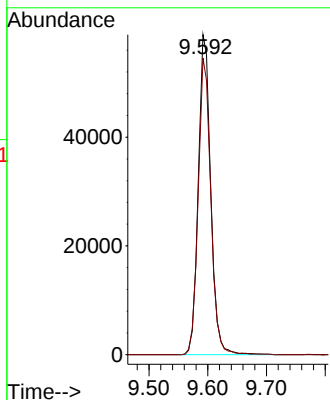
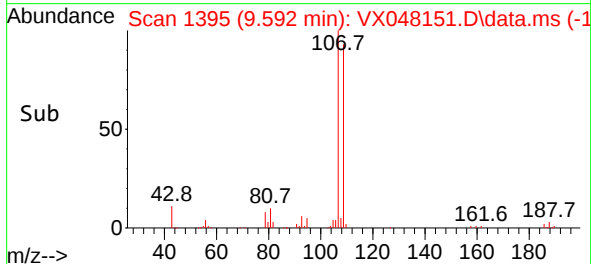
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



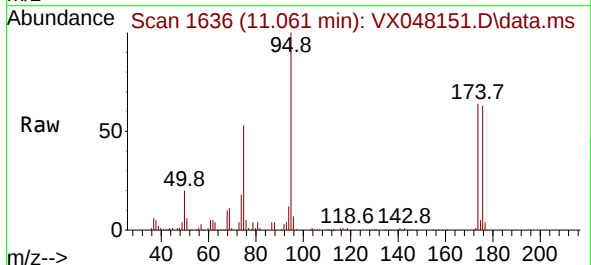
Tgt Ion:107 Resp: 86719
Ion Ratio Lower Upper
107 100
109 94.0 75.3 112.9

Manual Integrations
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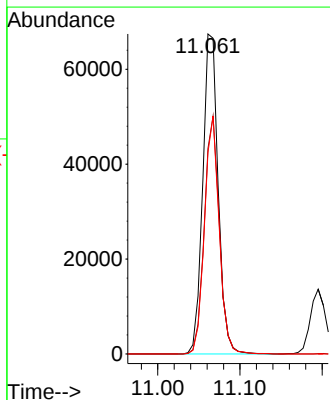
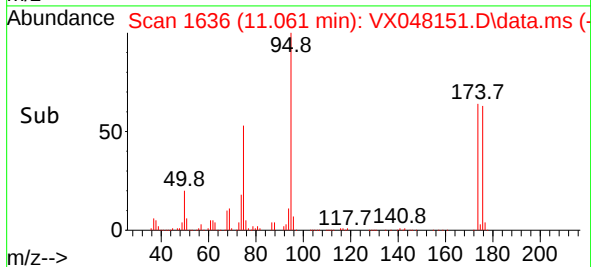
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

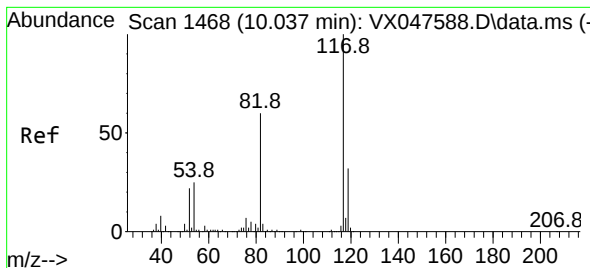


#62
4-Bromofluorobenzene
Concen: 48.371 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15



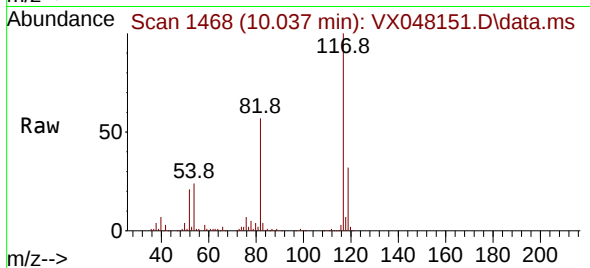
Tgt Ion: 95 Resp: 87879
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.6
176 70.8 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

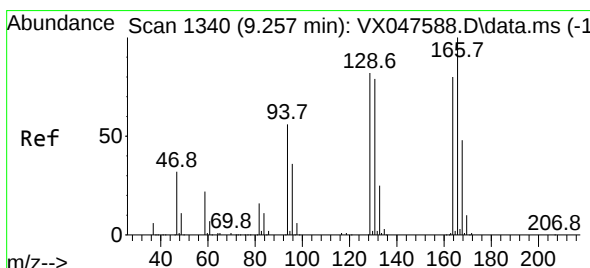
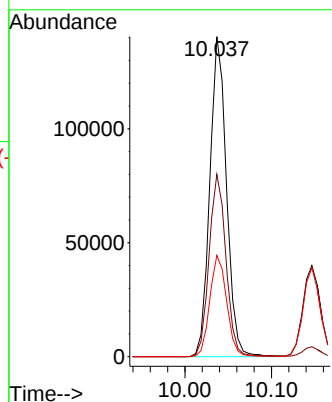
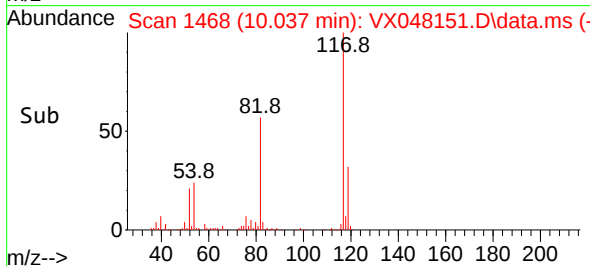
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 18790
Ion Ratio Lower Upper
117 100
82 57.0 47.8 71.6
119 31.7 25.2 37.8

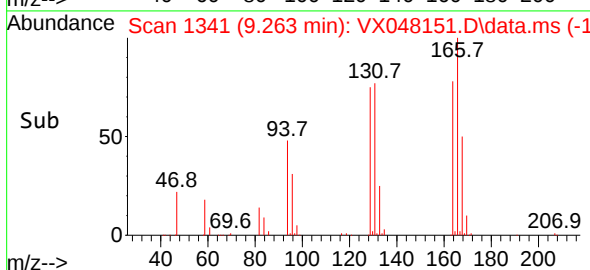
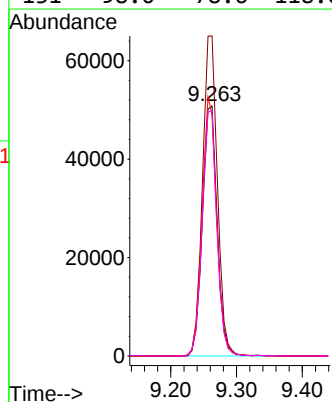
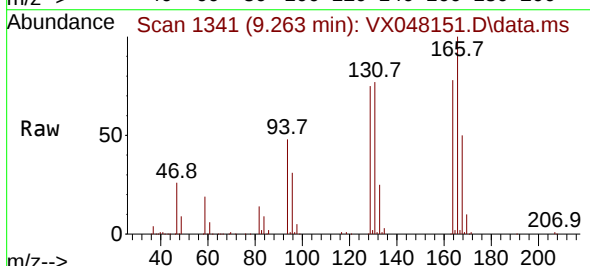
Manual Integrations
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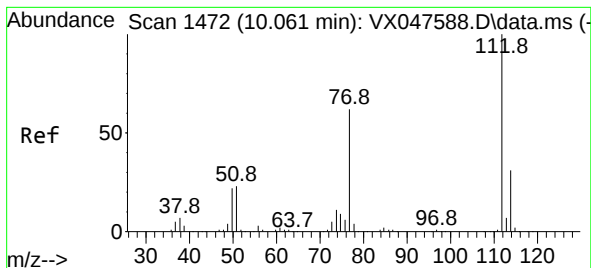
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#64
Tetrachloroethene
Concen: 64.719 ug/l
RT: 9.263 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:164 Resp: 79276
Ion Ratio Lower Upper
164 100
166 128.0 100.2 150.2
129 96.2 81.8 122.6
131 98.0 78.6 118.0





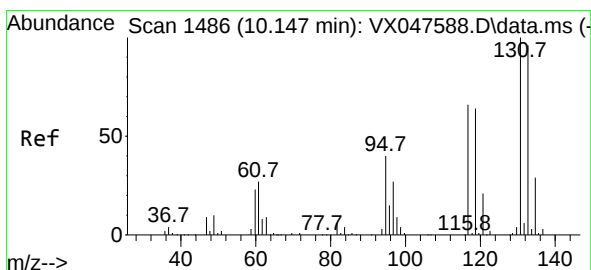
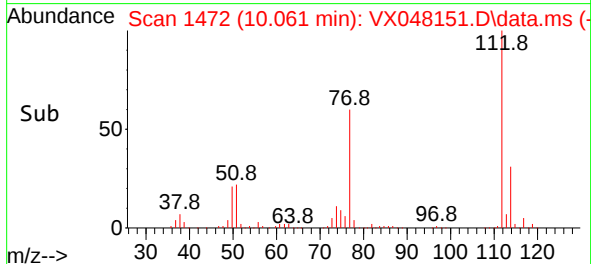
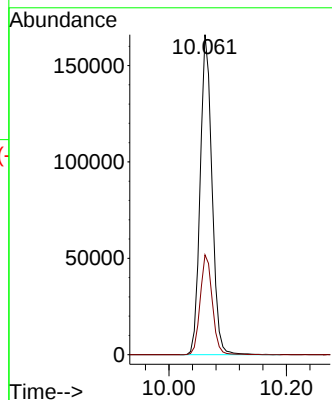
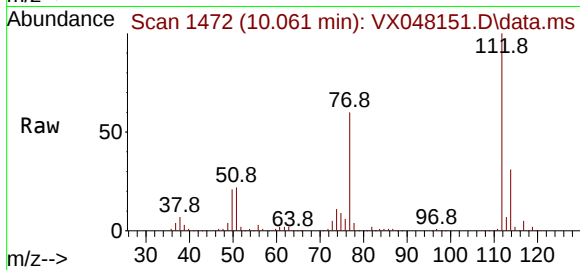
#65
Chlorobenzene
Concen: 54.277 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 231690
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7

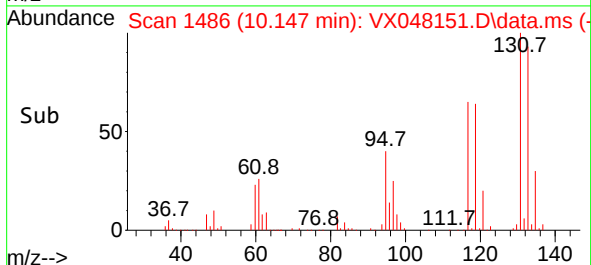
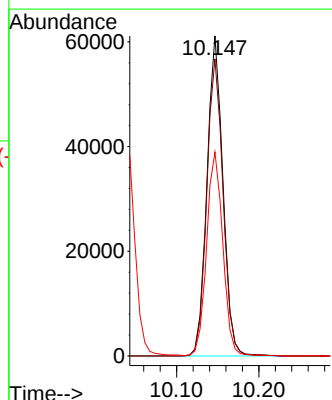
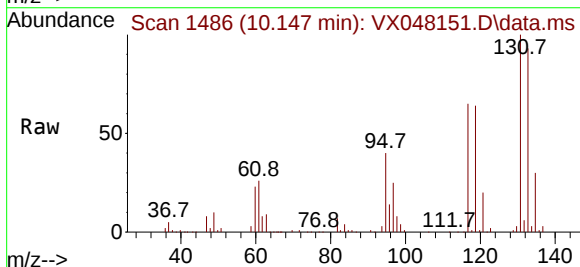
Manual Integrations
APPROVED

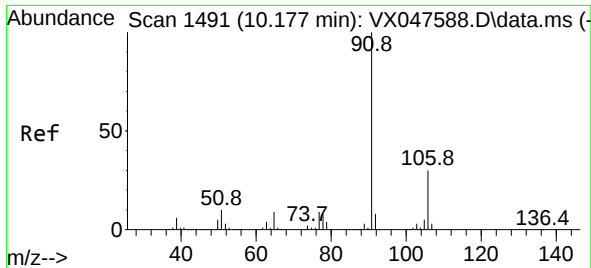
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 56.099 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

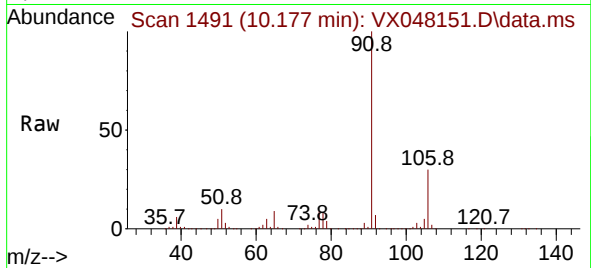
Tgt Ion:131 Resp: 82637
Ion Ratio Lower Upper
131 100
133 94.6 47.3 142.0
119 64.8 32.0 96.0





#67
Ethyl Benzene
Concen: 54.455 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

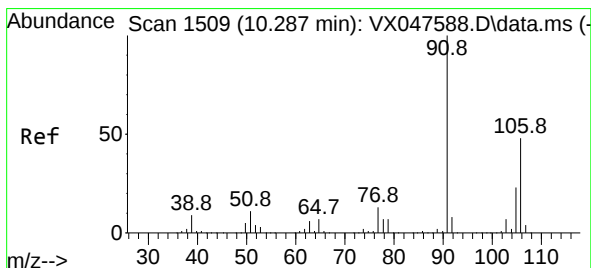
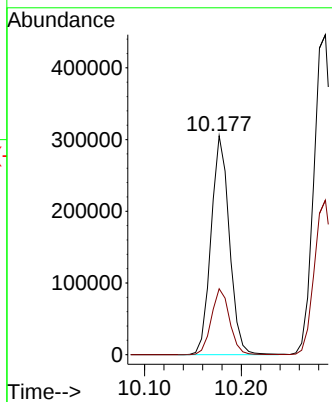
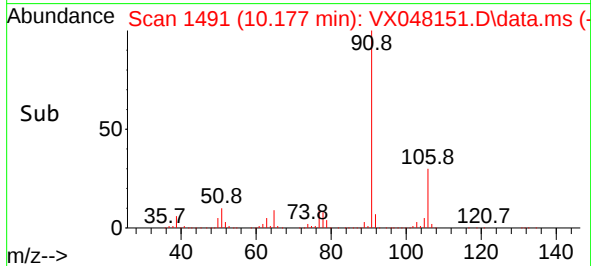
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 401089
Ion Ratio Lower Upper
91 100
106 30.1 24.3 36.5

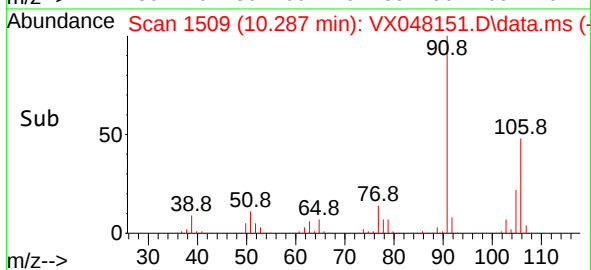
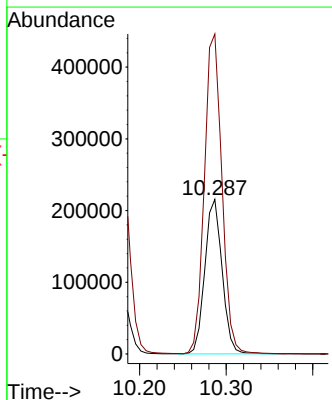
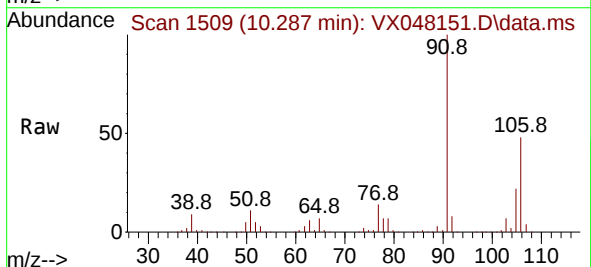
Manual Integrations
APPROVED

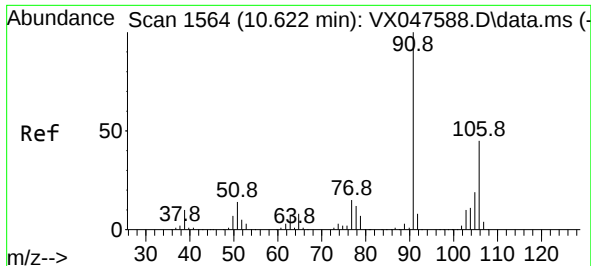
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#68
m/p-Xylenes
Concen: 108.894 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:106 Resp: 298533
Ion Ratio Lower Upper
106 100
91 210.4 167.8 251.8





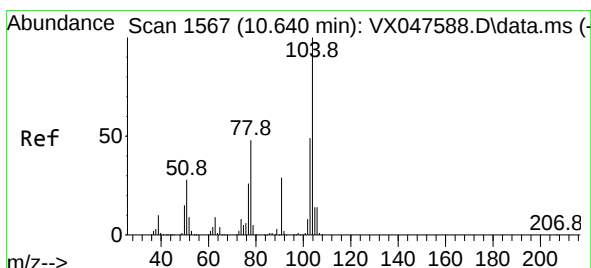
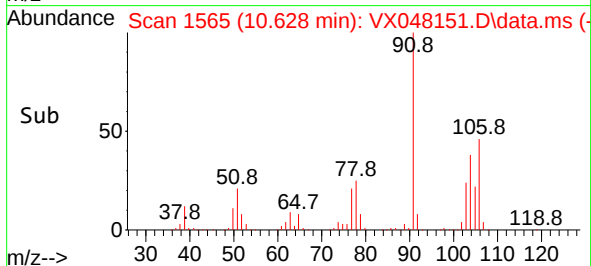
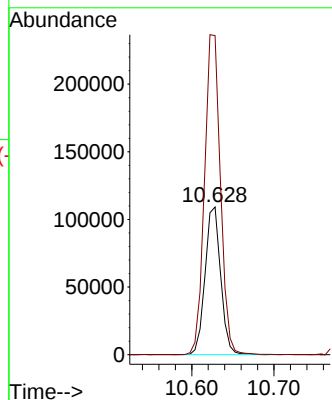
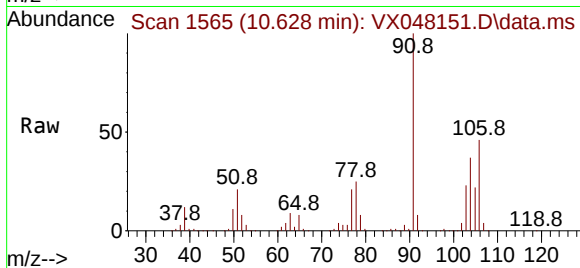
#69
o-Xylene
Concen: 54.314 ug/l
RT: 10.628 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 14402
Ion Ratio Lower Upper
106 100
91 221.8 111.1 333.4

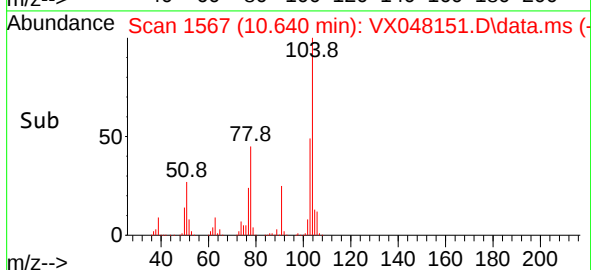
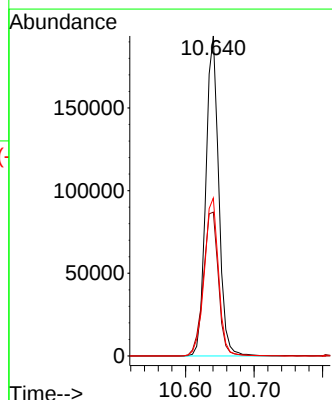
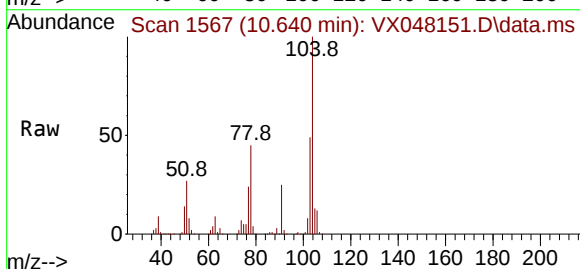
Manual Integrations
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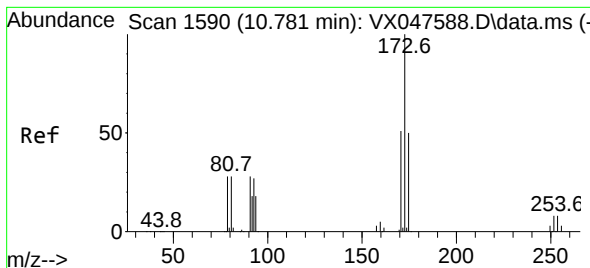
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#70
Styrene
Concen: 54.833 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion:104 Resp: 254769
Ion Ratio Lower Upper
104 100
78 52.4 43.1 64.7
103 54.3 43.1 64.7





#71

Bromoform

Concen: 55.561 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VX048151.D

Acq: 13 Oct 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

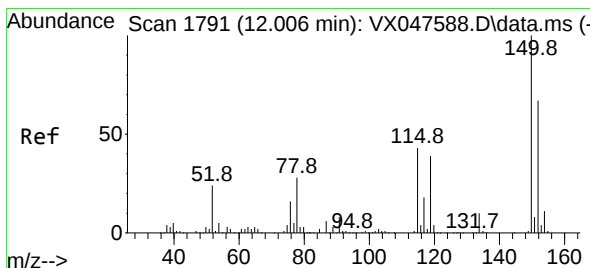
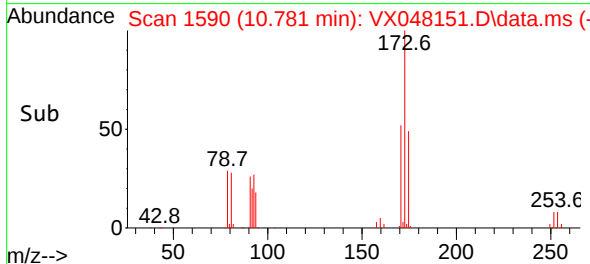
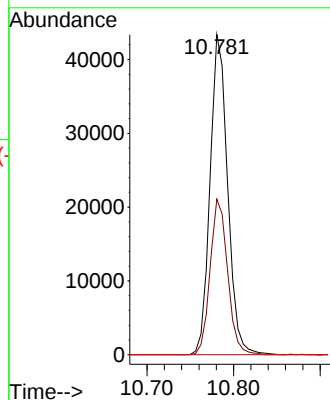
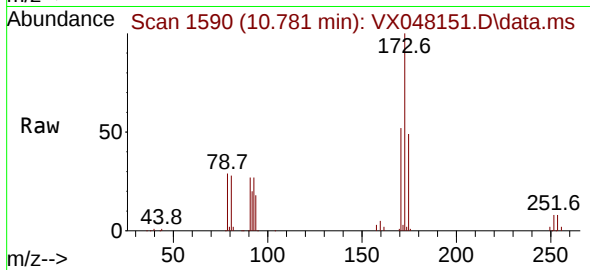
Tgt Ion:173 Resp: 61112
 Ion Ratio Lower Upper
 173 100
 175 48.4 24.9 74.6
 254 0.0 0.1 0.1

Manual Integrations

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Reviewed By :John Carlone 10/14/2025

Supervised By :Mahesh Dadoda 10/14/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

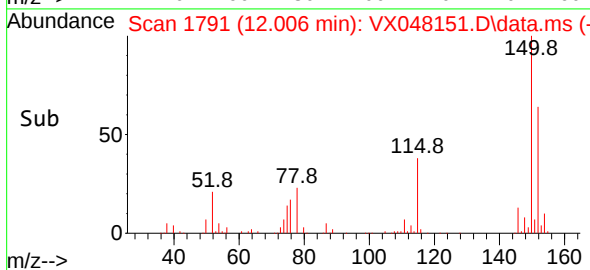
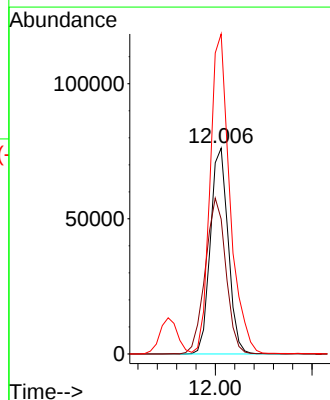
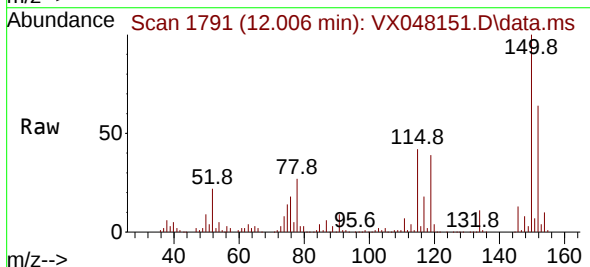
RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048151.D

Acq: 13 Oct 2025 18:15

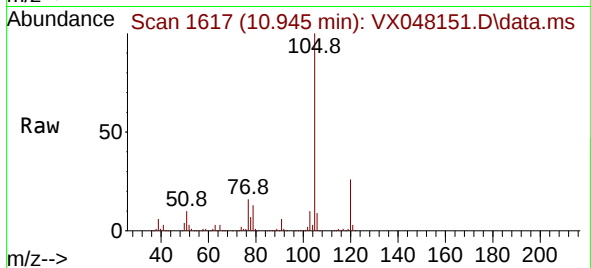
Tgt Ion:152 Resp: 97364
 Ion Ratio Lower Upper
 152 100
 115 88.0 44.9 134.5
 150 172.7 0.0 352.0





#73
Isopropylbenzene
Concen: 50.197 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

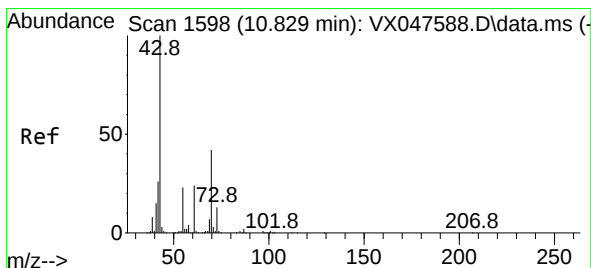
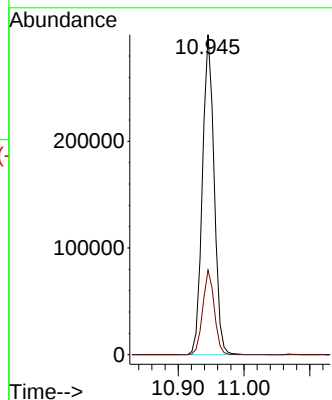
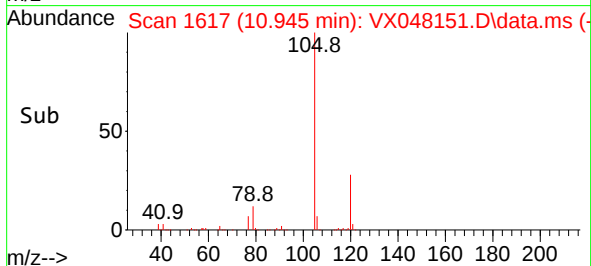
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 371560
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4

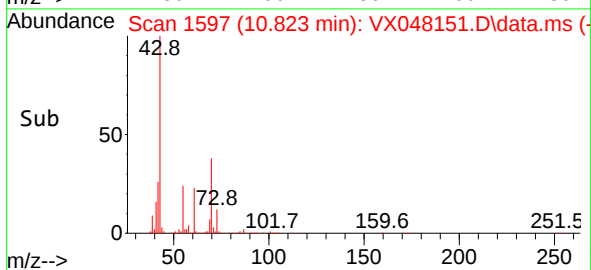
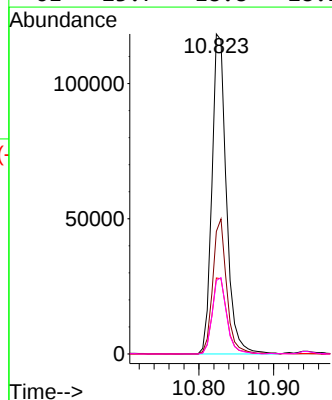
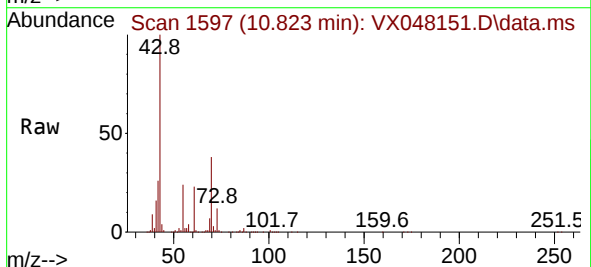
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#74
N-ethyl acetate
Concen: 47.116 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

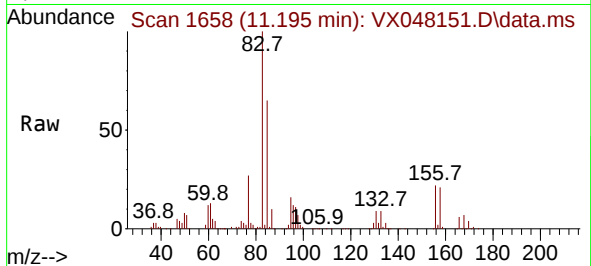
Tgt Ion: 43 Resp: 159040
Ion Ratio Lower Upper
43 100
70 40.8 32.0 48.0
55 24.3 18.9 28.3
61 23.7 18.8 28.2





#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.079 ug/l
 RT: 11.195 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VX048151.D
 Acq: 13 Oct 2025 18:15

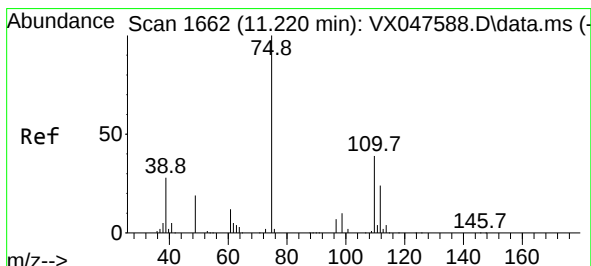
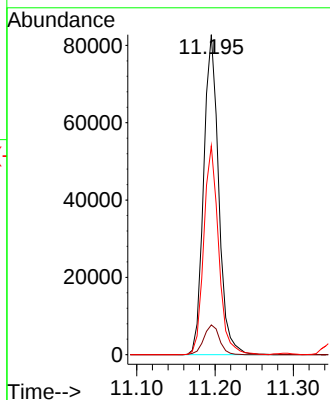
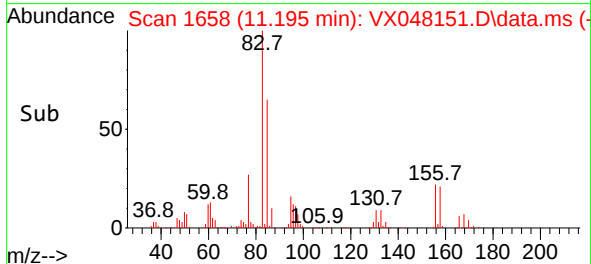
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 83 Resp: 109915
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.0 14.9
 85 64.6 31.6 95.0

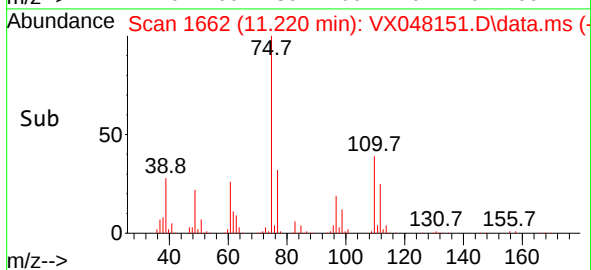
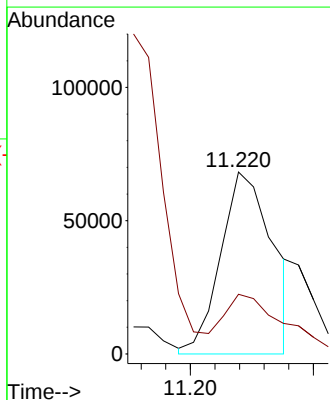
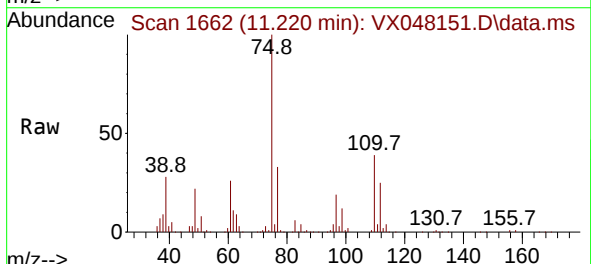
Manual Integrations
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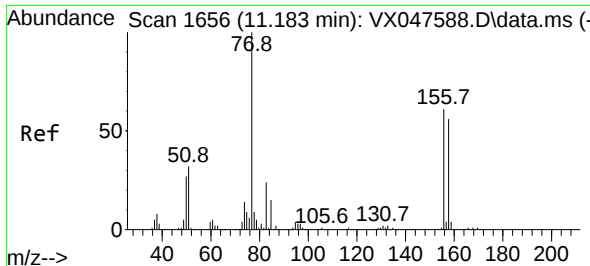
Reviewed By :John Carlone 10/14/2025
 Supervised By :Mahesh Dadoda 10/14/2025



#76
 1,2,3-Trichloropropane
 Concen: 50.749 ug/l m
 RT: 11.220 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: VX048151.D
 Acq: 13 Oct 2025 18:15

Tgt Ion: 75 Resp: 100042
 Ion Ratio Lower Upper
 75 100
 77 37.7 18.8 56.4





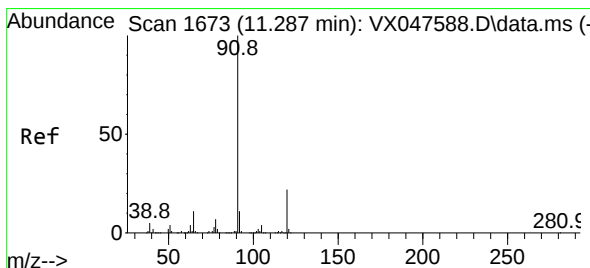
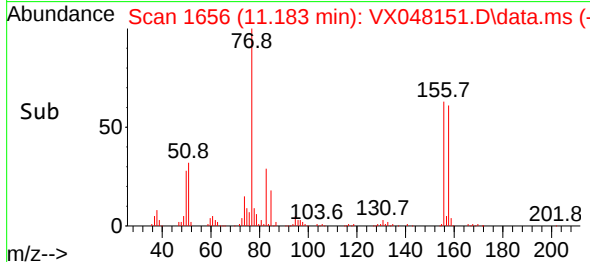
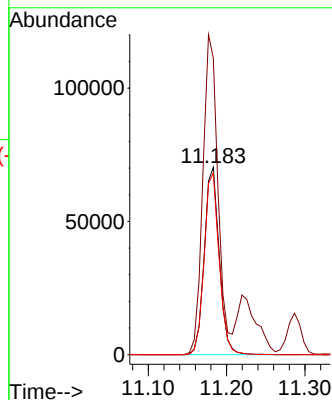
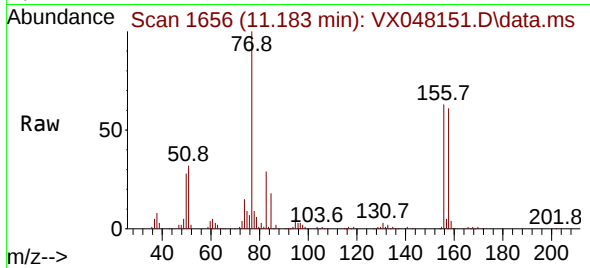
#77
Bromobenzene
Concen: 51.050 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 93072
Ion Ratio Lower Upper
156 100
77 173.3 89.7 269.1
158 97.3 47.9 143.6

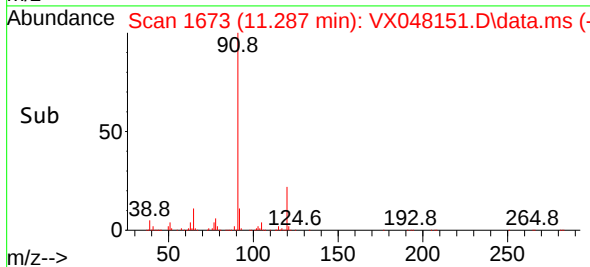
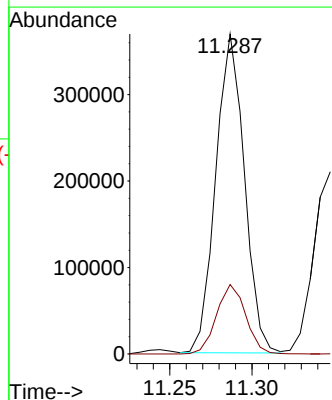
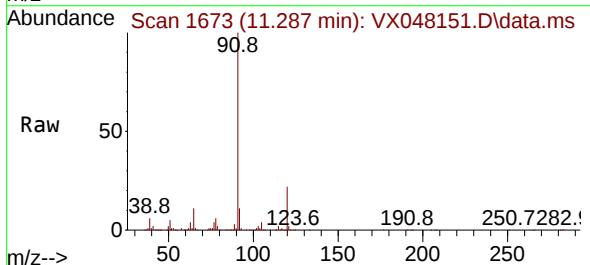
Manual Integrations
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Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#78
n-propylbenzene
Concen: 50.987 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 91 Resp: 446153
Ion Ratio Lower Upper
91 100
120 22.2 11.1 33.1





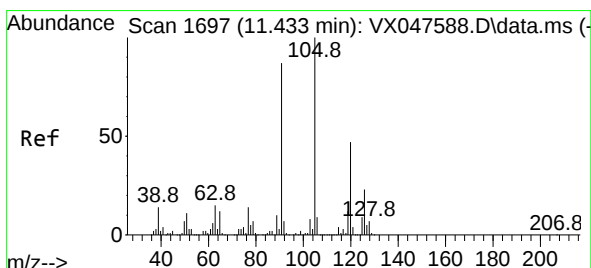
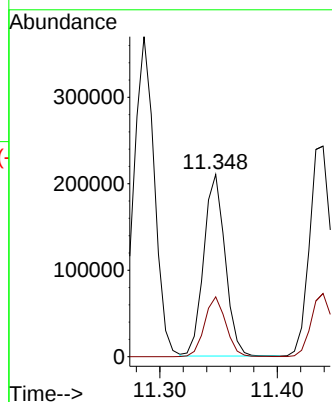
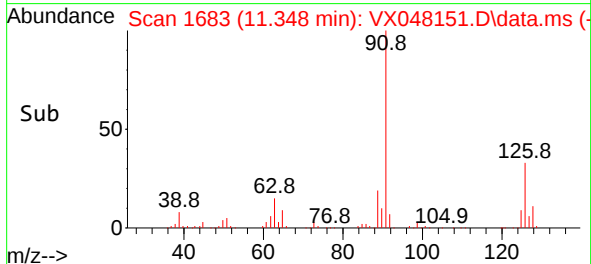
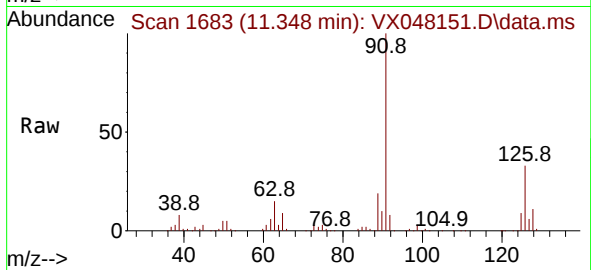
#79
2-Chlorotoluene
Concen: 49.644 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 266064
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.3

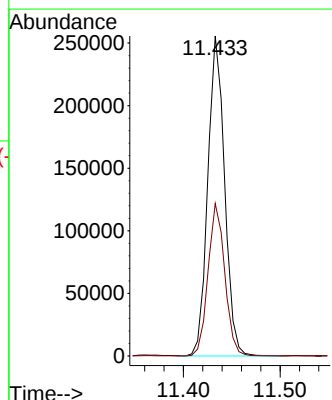
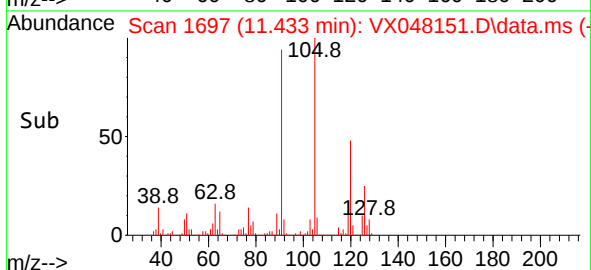
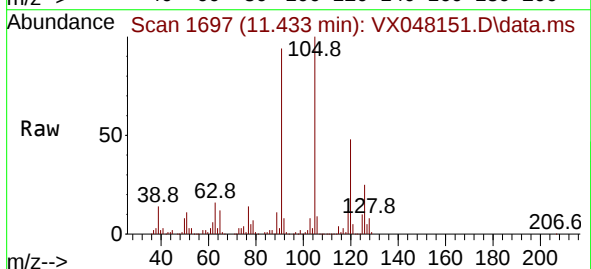
Manual Integrations
APPROVED

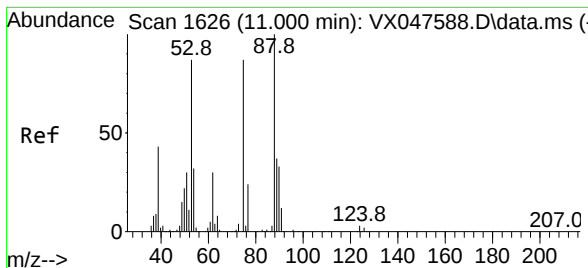
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.831 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

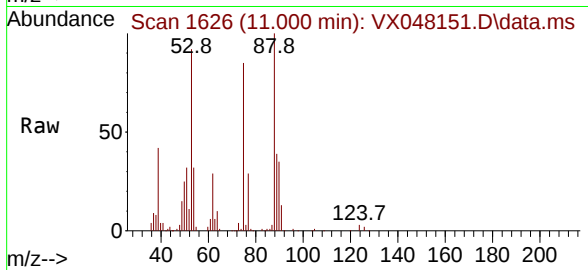
Tgt Ion:105 Resp: 309130
Ion Ratio Lower Upper
105 100
120 47.4 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 45.572 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

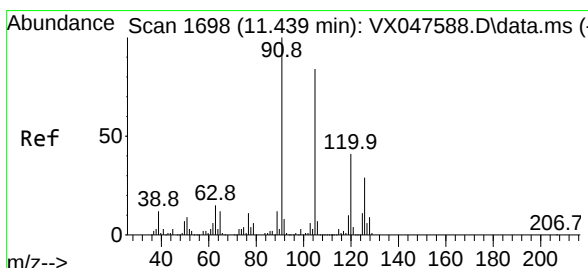
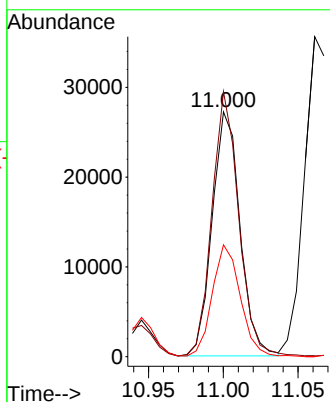
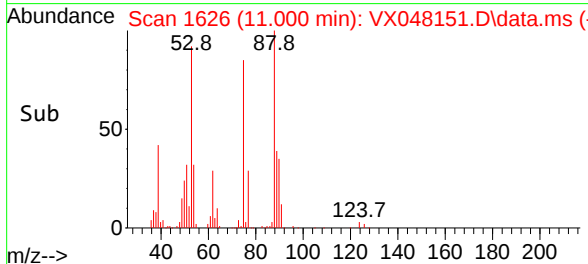
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



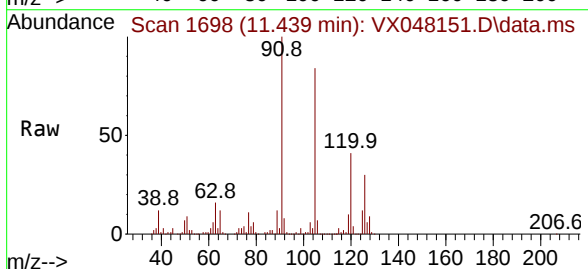
Tgt Ion: 75 Resp: 35228
Ion Ratio Lower Upper
75 100
53 105.1 83.4 125.2
89 46.2 36.3 54.5

Manual Integrations
APPROVED

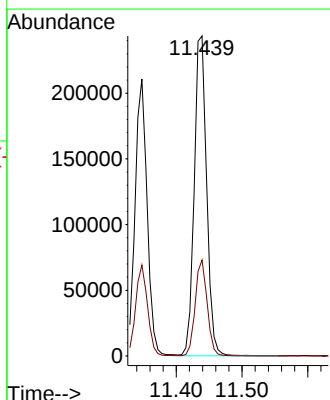
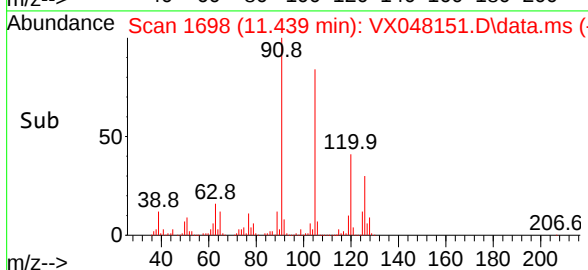
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025

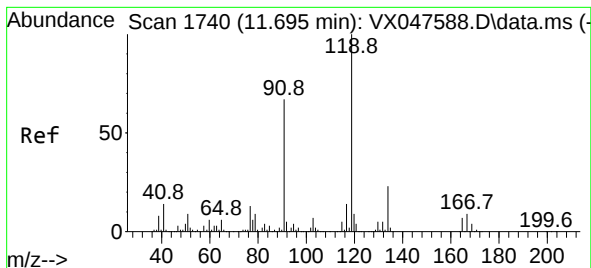


#82
4-Chlorotoluene
Concen: 50.343 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15



Tgt Ion: 91 Resp: 318659
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.111 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. -0.000 min

Lab File: VX048151.D

Acq: 13 Oct 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 29952

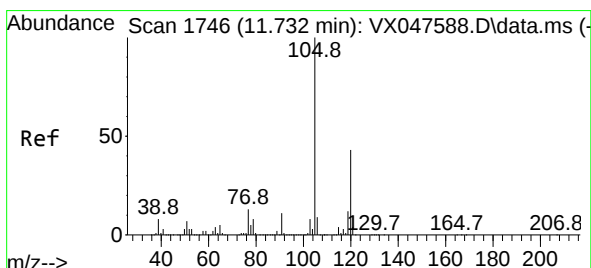
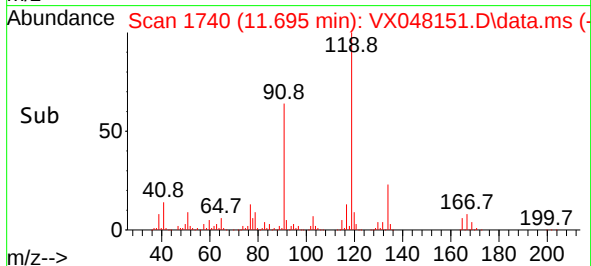
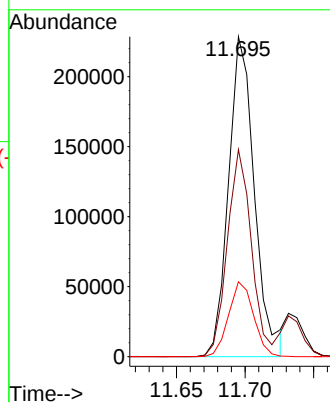
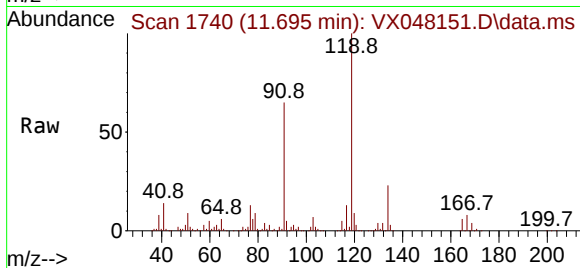
Ion	Ratio	Lower	Upper
119	100		
91	60.4	29.6	88.8
134	22.7	11.0	33.0

Manual Integrations

APPROVED

Reviewed By :John Carbone 10/14/2025

Supervised By :Mahesh Dadoda 10/14/2025



#84

1,2,4-Trimethylbenzene

Concen: 50.919 ug/l

RT: 11.732 min Scan# 1746

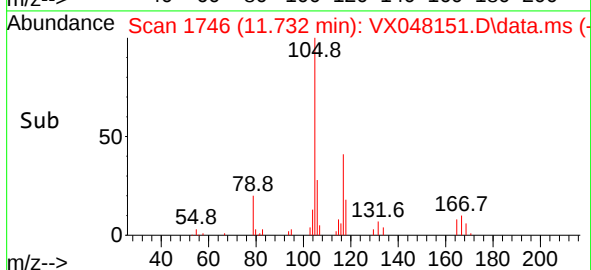
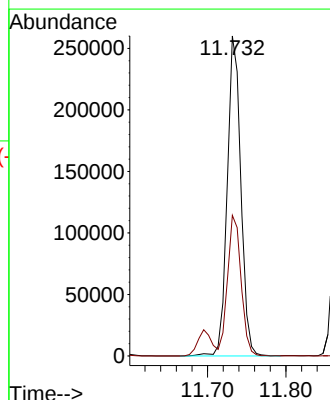
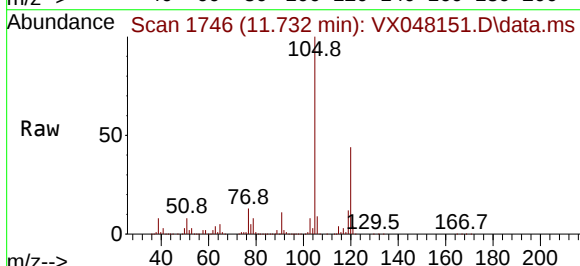
Delta R.T. 0.000 min

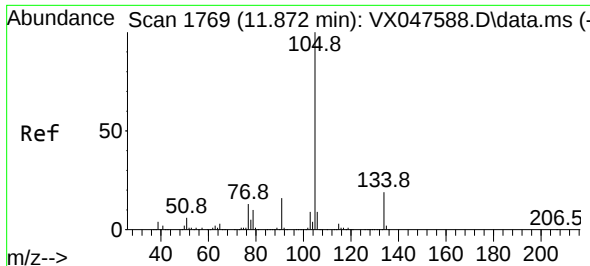
Lab File: VX048151.D

Acq: 13 Oct 2025 18:15

Tgt Ion:105 Resp: 313950

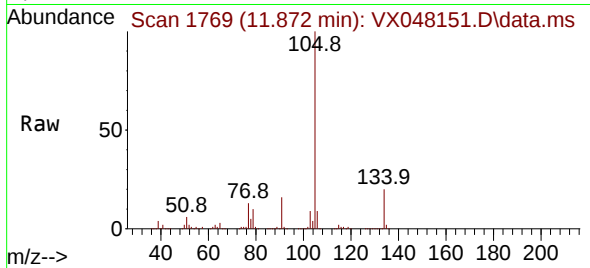
Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.1	66.1





#85
 sec-Butylbenzene
 Concen: 50.907 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048151.D
 Acq: 13 Oct 2025 18:15

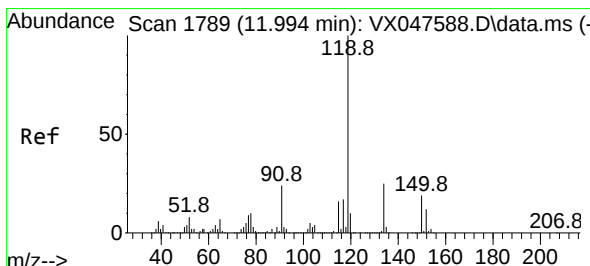
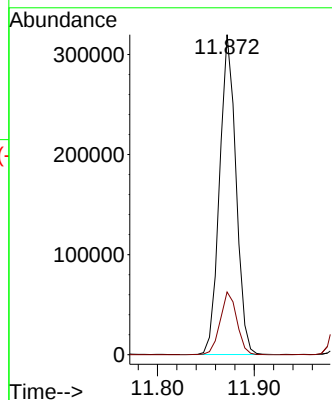
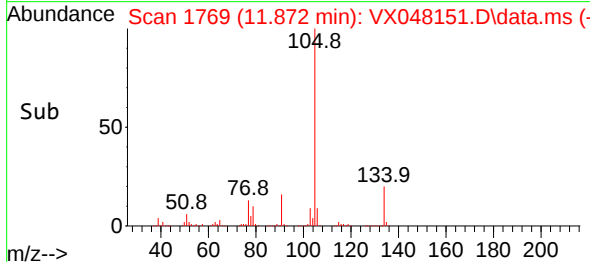
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



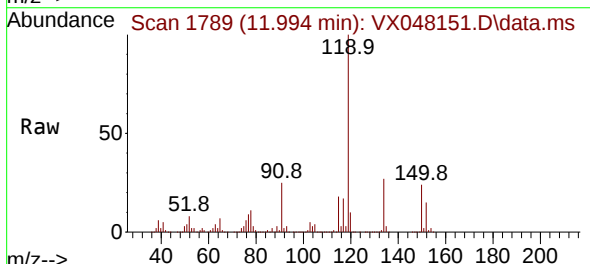
Tgt Ion:105 Resp: 37644
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5

Manual Integrations
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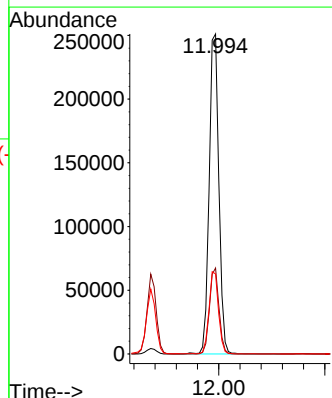
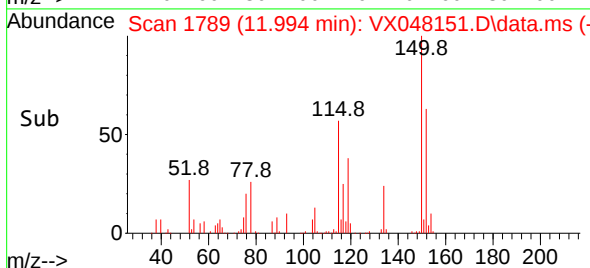
Reviewed By :John Carlone 10/14/2025
 Supervised By :Mahesh Dadoda 10/14/2025



#86
 p-Isopropyltoluene
 Concen: 50.578 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.000 min
 Lab File: VX048151.D
 Acq: 13 Oct 2025 18:15



Tgt Ion:119 Resp: 316639
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 25.3 12.6 37.6





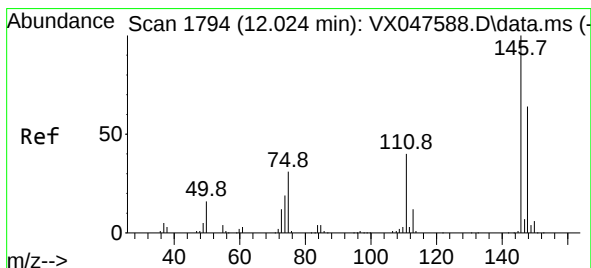
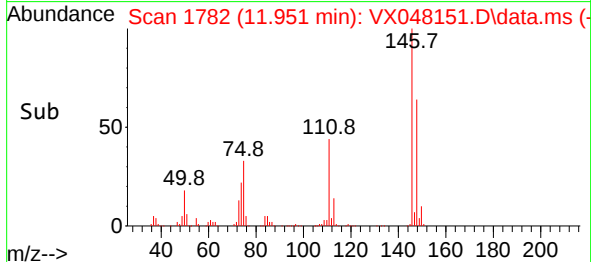
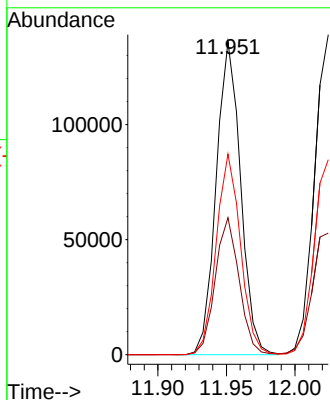
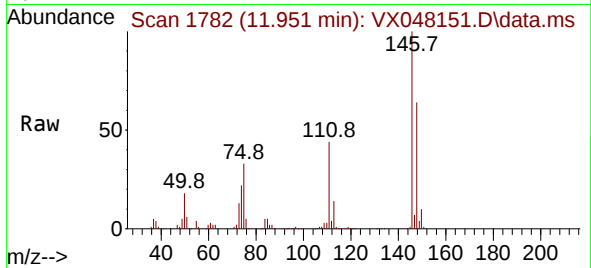
#87
1,3-Dichlorobenzene
Concen: 49.700 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 168297
Ion Ratio Lower Upper
146 100
111 43.0 21.5 64.5
148 63.8 32.0 96.0

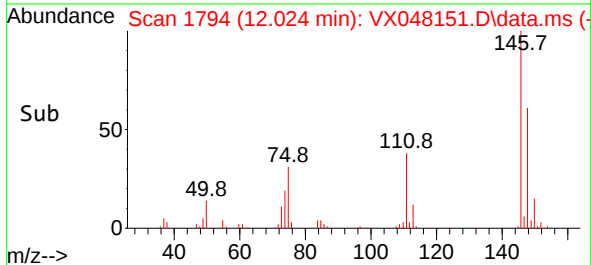
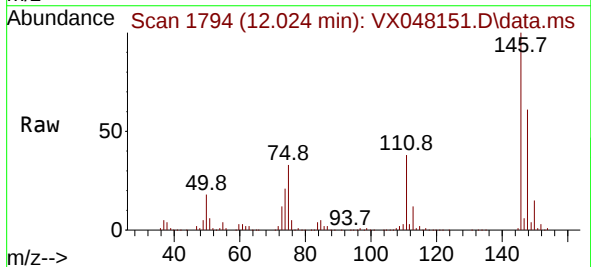
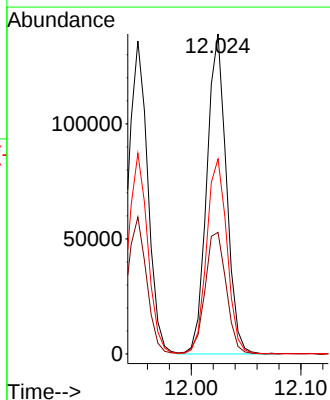
Manual Integrations
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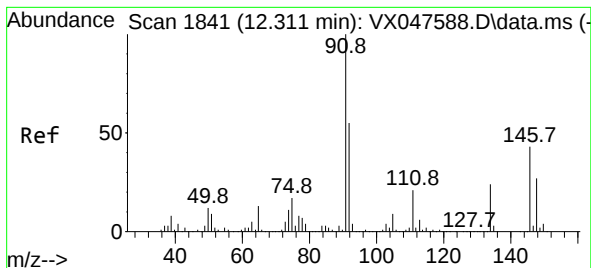
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#88
1,4-Dichlorobenzene
Concen: 49.665 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

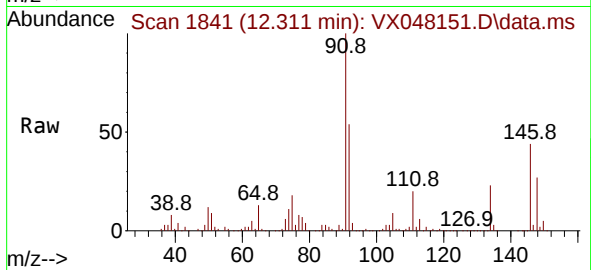
Tgt Ion:146 Resp: 172609
Ion Ratio Lower Upper
146 100
111 41.1 20.8 62.4
148 63.5 31.7 95.1





#89
n-Butylbenzene
Concen: 51.169 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

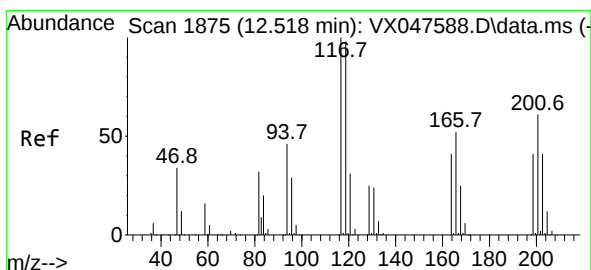
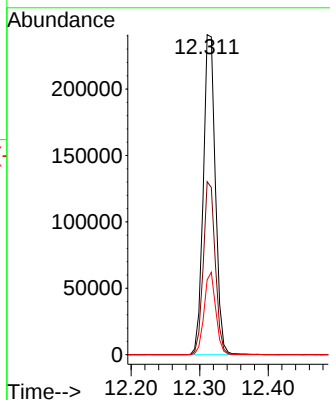
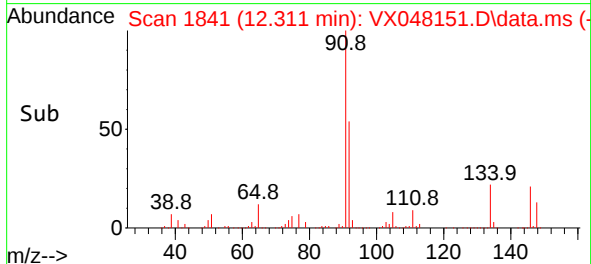
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 296409
Ion Ratio Lower Upper
91 100
92 53.6 27.6 82.7
134 24.9 12.6 37.8

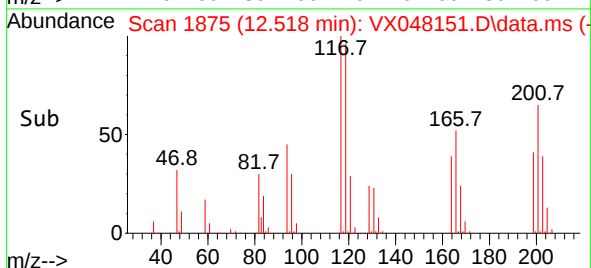
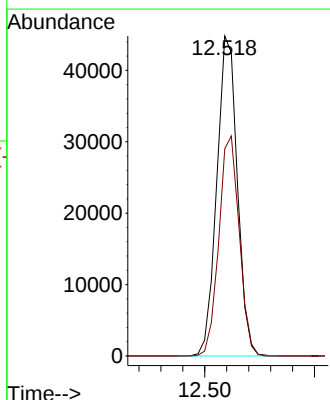
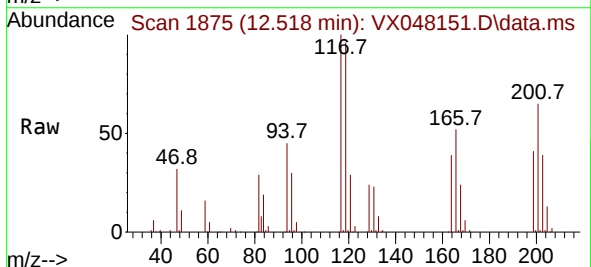
Manual Integrations
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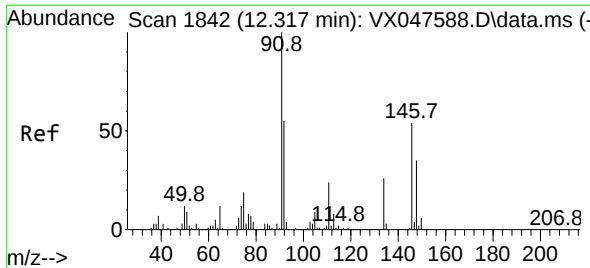
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#90
Hexachloroethane
Concen: 53.026 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

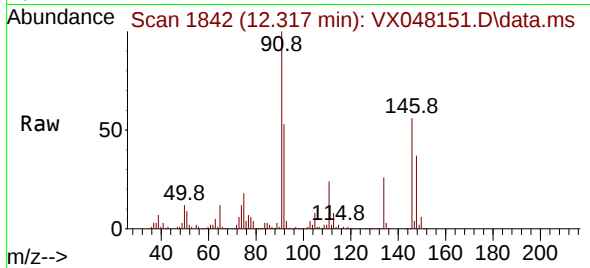
Tgt Ion:117 Resp: 58283
Ion Ratio Lower Upper
117 100
201 68.4 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 50.956 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

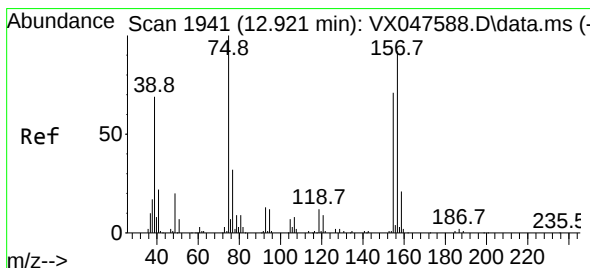
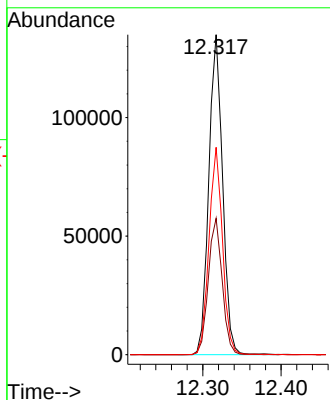
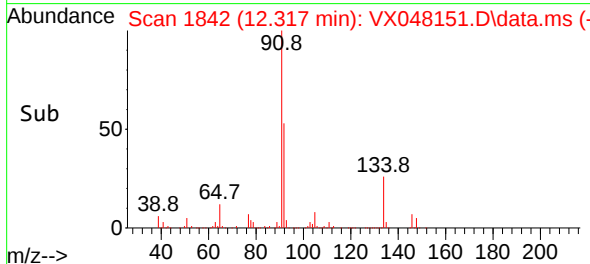
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 164389
Ion Ratio Lower Upper
146 100
111 42.9 22.2 66.6
148 63.4 31.8 95.4

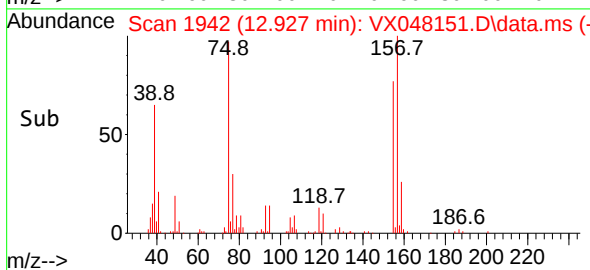
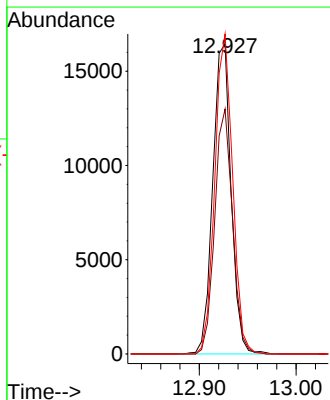
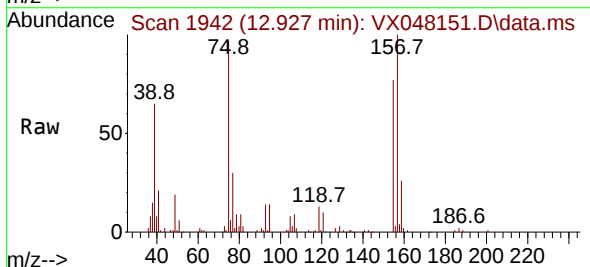
Manual Integrations
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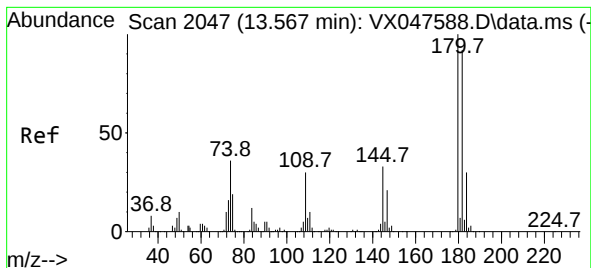
Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.620 ug/l
RT: 12.927 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

Tgt Ion: 75 Resp: 21592
Ion Ratio Lower Upper
75 100
155 77.0 37.7 113.1
157 100.5 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 48.527 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048151.D

Acq: 13 Oct 2025 18:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

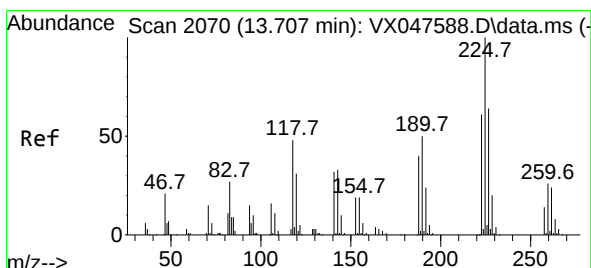
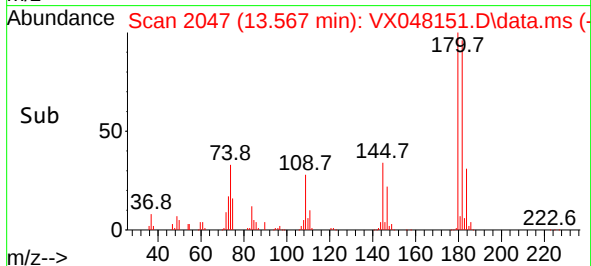
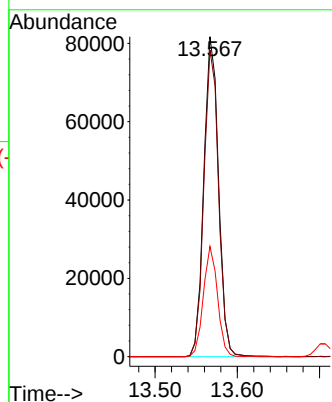
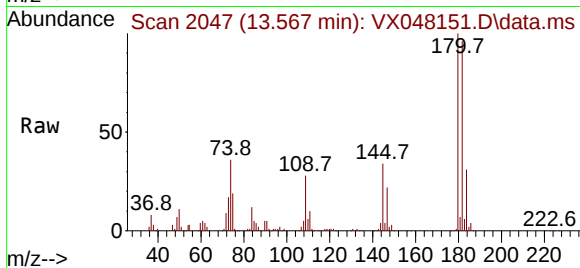
Tgt Ion:180	Resp: 10174
Ion Ratio	Lower Upper
180	100
182	95.5 46.6 139.8
145	33.1 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/14/2025

Supervised By :Mahesh Dadoda 10/14/2025



#94

Hexachlorobutadiene

Concen: 51.799 ug/l

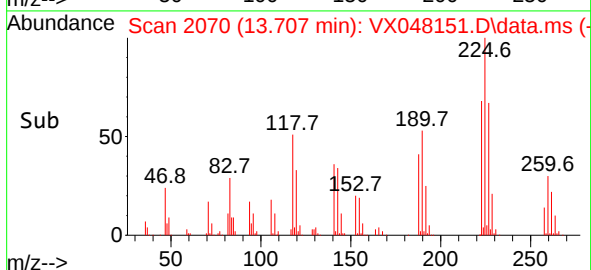
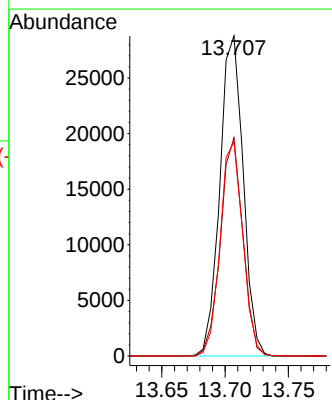
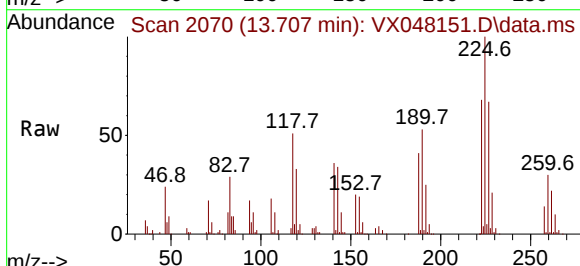
RT: 13.707 min Scan# 2070

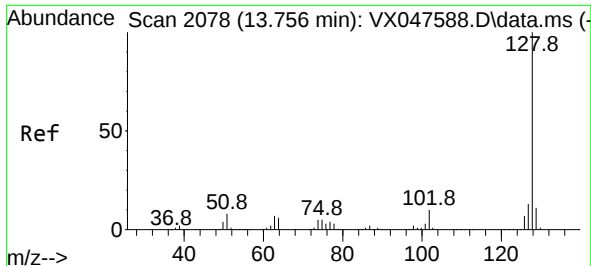
Delta R.T. -0.000 min

Lab File: VX048151.D

Acq: 13 Oct 2025 18:15

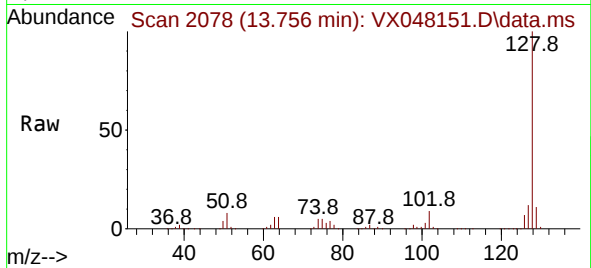
Tgt Ion:225	Resp: 36890
Ion Ratio	Lower Upper
225	100
223	65.2 31.7 95.1
227	64.7 32.0 96.0





#95
Naphthalene
Concen: 49.297 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15

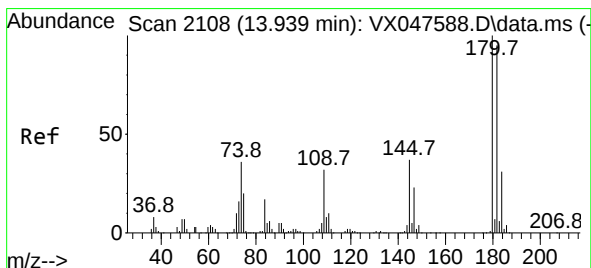
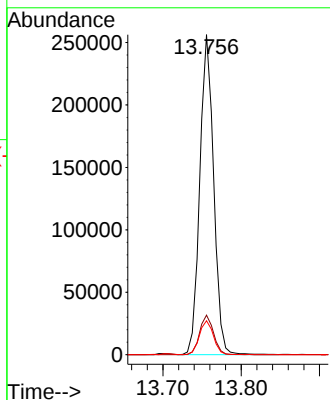
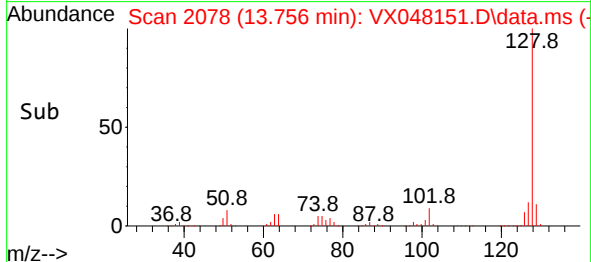
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



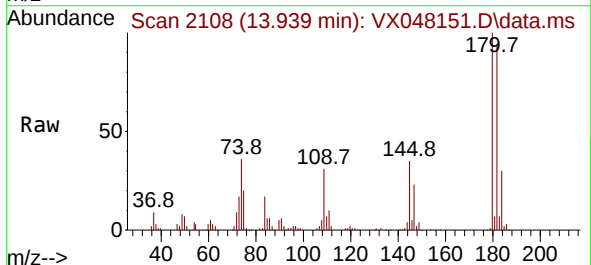
Tgt Ion:128 Resp: 314740
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/14/2025
Supervised By :Mahesh Dadoda 10/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.354 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048151.D
Acq: 13 Oct 2025 18:15



Tgt Ion:180 Resp: 98210
Ion Ratio Lower Upper
180 100
182 94.2 47.6 142.8
145 34.2 17.9 53.7

