

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
 Data File : VX048201.D
 Acq On : 17 Oct 2025 09:55
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2025
 Supervised By : Mahesh Dadoda 10/20/2025

Quant Time: Oct 17 23:53:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101725W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 17 23:49:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	144905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	233738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	208719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	103673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	106047	47.240	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.480%		
35) Dibromofluoromethane	5.373	113	79879	49.241	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.480%		
50) Toluene-d8	8.635	98	294942	50.468	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.940%		
62) 4-Bromofluorobenzene	11.061	95	105186	49.416	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	74849	49.215	ug/l	100
3) Chloromethane	1.301	50	87915	47.716	ug/l	100
4) Vinyl Chloride	1.380	62	97480	50.210	ug/l	100
5) Bromomethane	1.618	94	62910	49.497	ug/l	100
6) Chloroethane	1.697	64	58491	47.342	ug/l	100
7) Trichlorofluoromethane	1.898	101	149320	49.000	ug/l	100
8) Diethyl Ether	2.136	74	50491	48.574	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	84158	49.008	ug/l	100
10) Methyl Iodide	2.459	142	107865	52.442	ug/l	100
11) Tert butyl alcohol	2.941	59	35192	236.264	ug/l	100
12) 1,1-Dichloroethene	2.325	96	82401	49.074	ug/l	100
13) Acrolein	2.233	56	72337	231.080	ug/l	100
14) Allyl chloride	2.666	41	147166	48.724	ug/l	100
15) Acrylonitrile	3.056	53	185879	260.427	ug/l	100
16) Acetone	2.374	43	181892	237.521	ug/l	100
17) Carbon Disulfide	2.514	76	252931	48.958	ug/l	100
18) Methyl Acetate	2.697	43	78566	50.371	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	257848	50.980	ug/l	100
20) Methylene Chloride	2.788	84	92216	49.431	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	88909	51.182	ug/l	100
22) Diisopropyl ether	3.751	45	298658	50.498	ug/l	100
23) Vinyl Acetate	3.715	43	1154967	261.168	ug/l	100
24) 1,1-Dichloroethane	3.605	63	163290	48.666	ug/l	100
25) 2-Butanone	4.538	43	227696	255.213	ug/l	100
26) 2,2-Dichloropropane	4.465	77	137645	47.994	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	102610	49.771	ug/l	100
28) Bromochloromethane	4.885	49	81597	52.757	ug/l	100
29) Tetrahydrofuran	4.989	42	134302	256.331	ug/l	100
30) Chloroform	5.080	83	168931	47.821	ug/l	100
31) Cyclohexane	5.458	56	134044	48.824	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	140456	48.391	ug/l	100
36) 1,1-Dichloropropene	5.684	75	117638	51.478	ug/l	100
37) Ethyl Acetate	4.696	43	94549	51.771	ug/l	100
38) Carbon Tetrachloride	5.666	117	134481	51.270	ug/l	100
39) Methylcyclohexane	7.367	83	134638	52.254	ug/l	100
40) Benzene	6.025	78	349840	51.556	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	53392	54.588	ug/l	100
42) 1,2-Dichloroethane	6.068	62	127674	52.516	ug/l	100
43) Isopropyl Acetate	6.324	43	162898	53.135	ug/l	100
44) Trichloroethene	7.111	130	85828	50.188	ug/l	100
45) 1,2-Dichloropropane	7.415	63	88167	51.339	ug/l	100
46) Dibromomethane	7.568	93	62671	50.719	ug/l	100
47) Bromodichloromethane	7.806	83	136069	50.951	ug/l	100
48) Methyl methacrylate	7.678	41	83574	53.254	ug/l	100
49) 1,4-Dioxane	7.641	88	14628	1035.490	ug/l	100
51) 4-Methyl-2-Pentanone	8.555	43	461163	270.327	ug/l	100
52) Toluene	8.702	92	216685	53.129	ug/l	100
53) t-1,3-Dichloropropene	8.964	75	132711	53.044	ug/l	100
54) cis-1,3-Dichloropropene	8.348	75	144189	52.875	ug/l	100
55) 1,1,2-Trichloroethane	9.135	97	78292	51.449	ug/l	100
56) Ethyl methacrylate	9.098	69	115491	55.800	ug/l	100
57) 1,3-Dichloropropane	9.293	76	137565	51.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	301874	237.498	ug/l	100
59) 2-Hexanone	9.415	43	323629	271.214	ug/l	100
60) Dibromochloromethane	9.506	129	99180	52.070	ug/l	100
61) 1,2-Dibromoethane	9.592	107	80814	51.792	ug/l	100
64) Tetrachloroethene	9.256	164	73122	49.965	ug/l	100
65) Chlorobenzene	10.061	112	234754	51.440	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	82328	50.061	ug/l	100
67) Ethyl Benzene	10.177	91	413167	52.808	ug/l	100
68) m/p-Xylenes	10.287	106	309325	106.125	ug/l	100
69) o-Xylene	10.622	106	146328	53.330	ug/l	100
70) Styrene	10.640	104	257332	54.486	ug/l	100
71) Bromoform	10.781	173	62282	51.573	ug/l #	100
73) Isopropylbenzene	10.945	105	383184	53.140	ug/l	100
74) N-amyl acetate	10.823	43	143916	53.500	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	105230	51.513	ug/l	100
76) 1,2,3-Trichloropropane	11.220	75	83086m	52.482	ug/l	100
77) Bromobenzene	11.177	156	92708	51.377	ug/l	100
78) n-propylbenzene	11.287	91	461479	52.775	ug/l	100
79) 2-Chlorotoluene	11.348	91	269780	51.065	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	314287	53.099	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	34185	52.874	ug/l	100
82) 4-Chlorotoluene	11.433	91	325295	52.395	ug/l	100
83) tert-Butylbenzene	11.695	119	307163	51.367	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	316687	53.732	ug/l	100
85) sec-Butylbenzene	11.872	105	375832	51.411	ug/l	100
86) p-Isopropyltoluene	11.988	119	326853	53.044	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	174303	51.652	ug/l	100
88) 1,4-Dichlorobenzene	12.024	146	178082	50.909	ug/l	100
89) n-Butylbenzene	12.311	91	302597	52.723	ug/l	100
90) Hexachloroethane	12.518	117	64788	49.815	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	166224	52.135	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	17468	46.797	ug/l	100
93) 1,2,4-Trichlorobenzene	13.567	180	97102	51.590	ug/l	100
94) Hexachlorobutadiene	13.701	225	35845	49.380	ug/l	100
95) Naphthalene	13.756	128	273763	55.178	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	94728	54.549	ug/l	100

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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

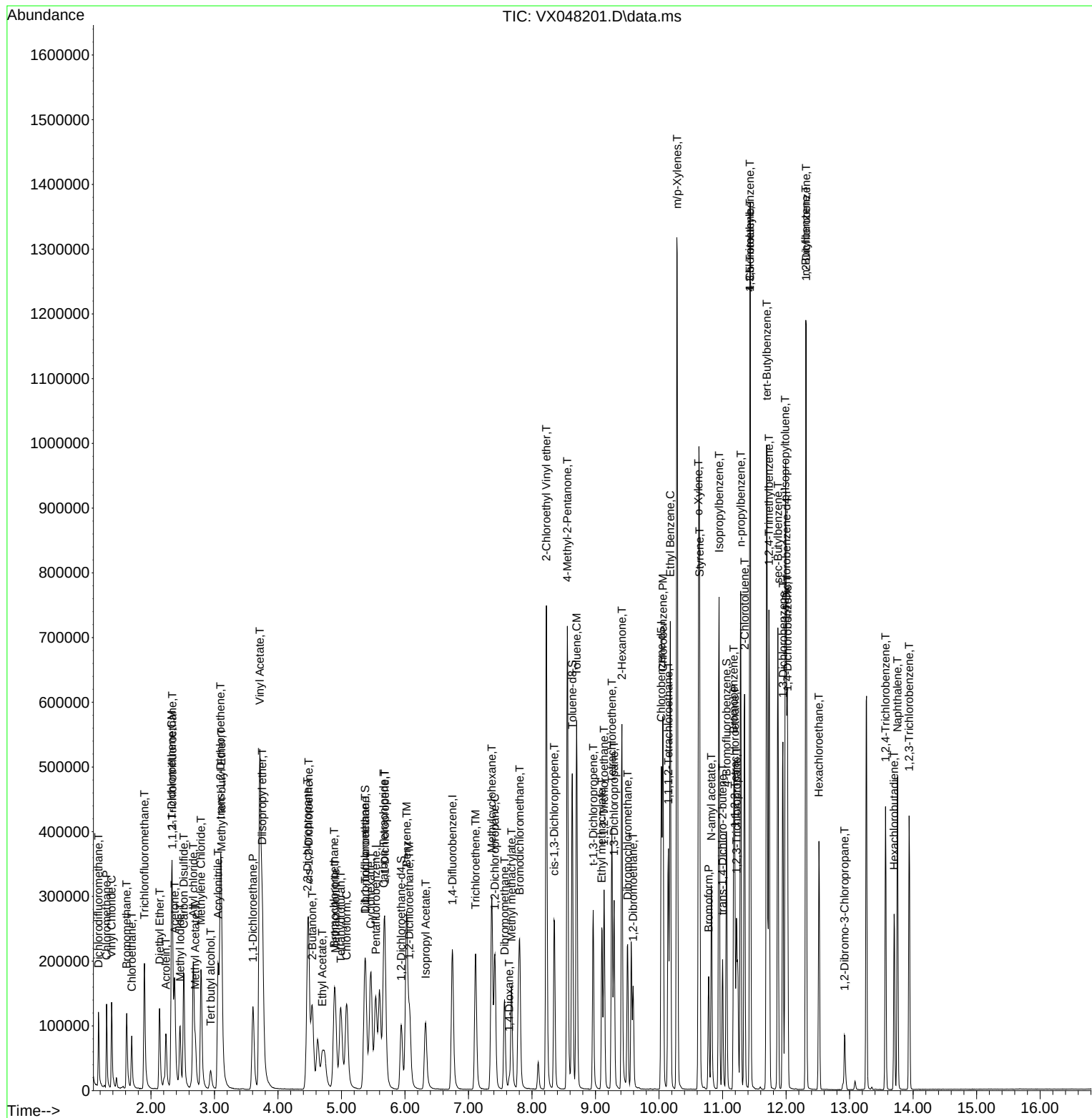
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101725\
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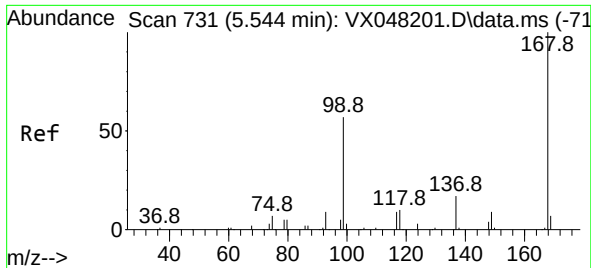
Instrument :
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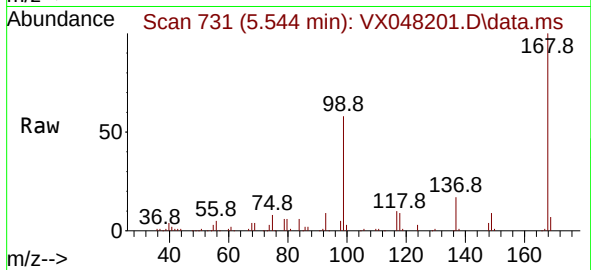
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048201.D
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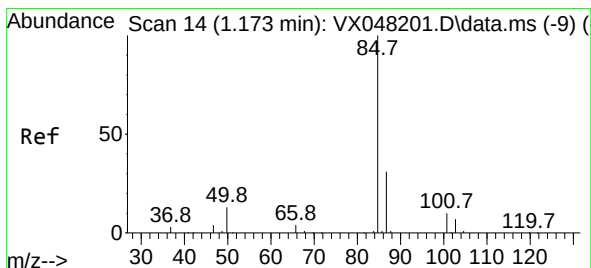
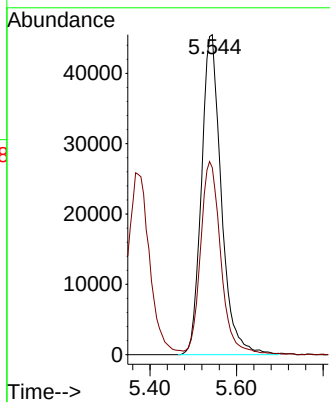
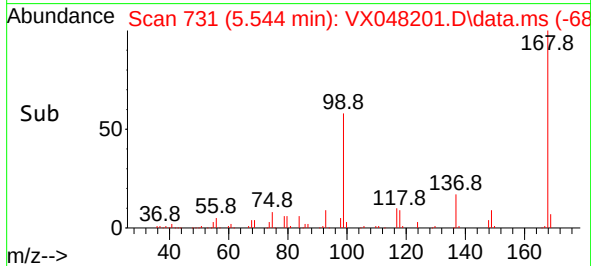
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



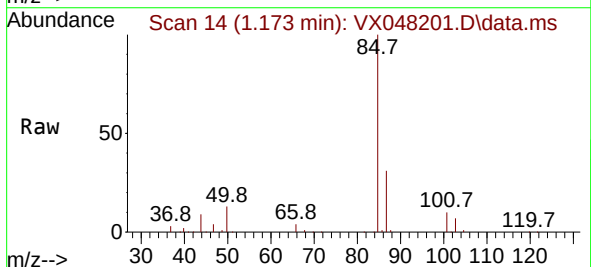
Tgt Ion:168 Resp: 14490
Ion Ratio Lower Upper
168 100
99 58.0 46.4 69.6

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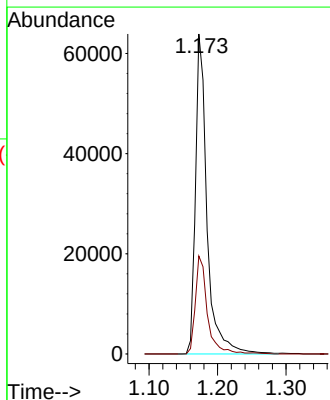
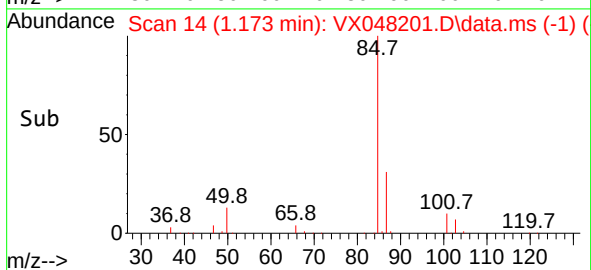
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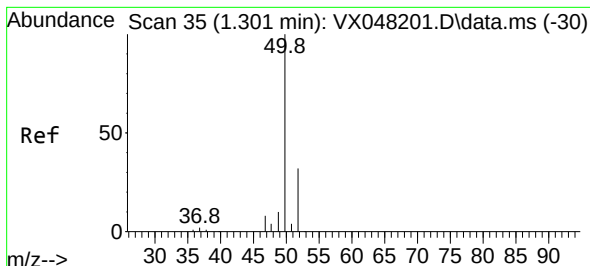


#2
Dichlorodifluoromethane
Concen: 49.215 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55



Tgt Ion: 85 Resp: 74849
Ion Ratio Lower Upper
85 100
87 30.6 15.3 45.9





#3

Chloromethane

Concen: 47.716 ug/l

RT: 1.301 min Scan# 35

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 87915

Ion Ratio Lower Upper

50 100

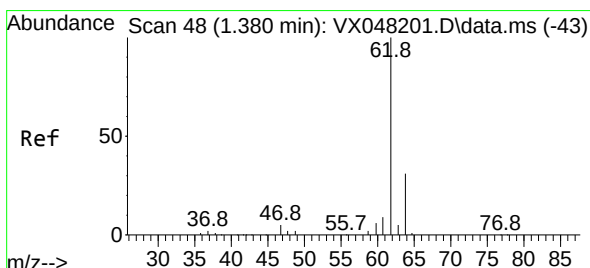
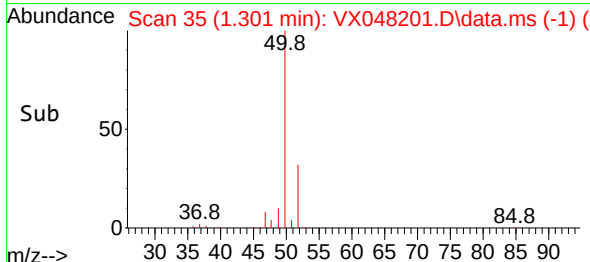
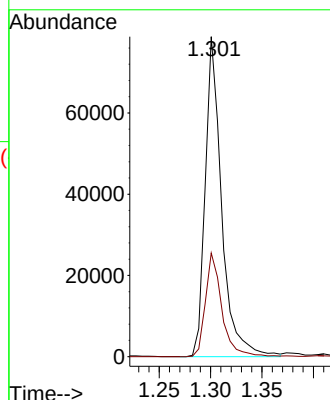
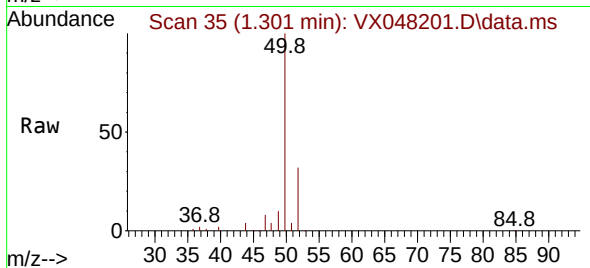
52 32.4 25.9 38.9

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#4

Vinyl Chloride

Concen: 50.210 ug/l

RT: 1.380 min Scan# 48

Delta R.T. 0.000 min

Lab File: VX048201.D

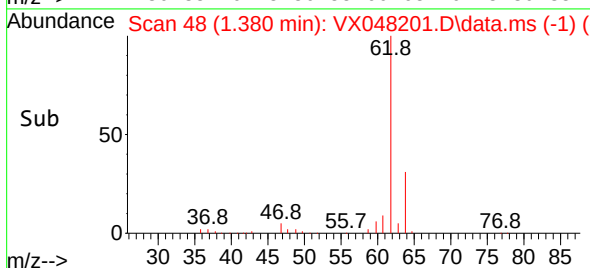
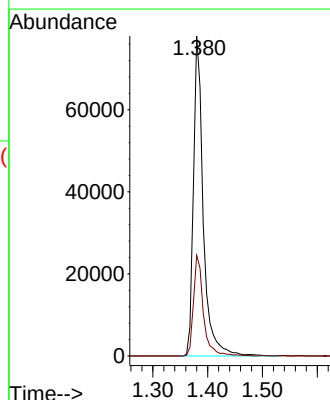
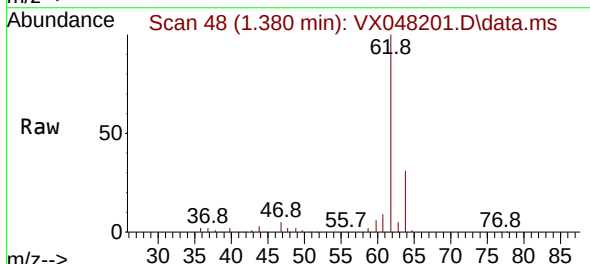
Acq: 17 Oct 2025 09:55

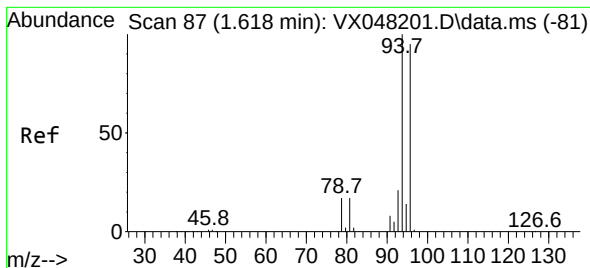
Tgt Ion: 62 Resp: 97480

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





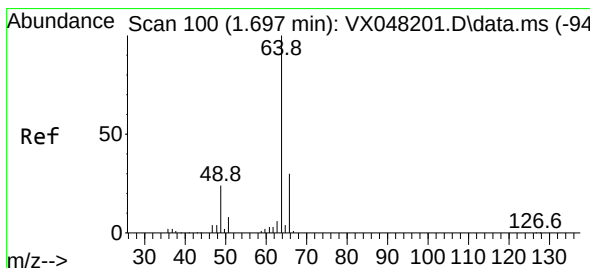
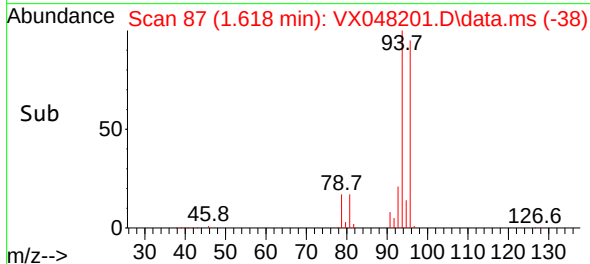
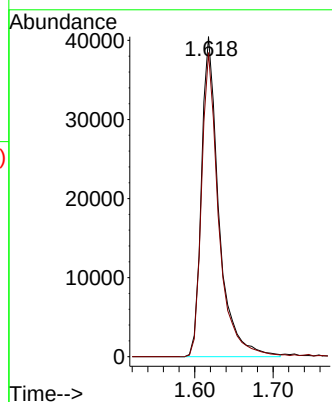
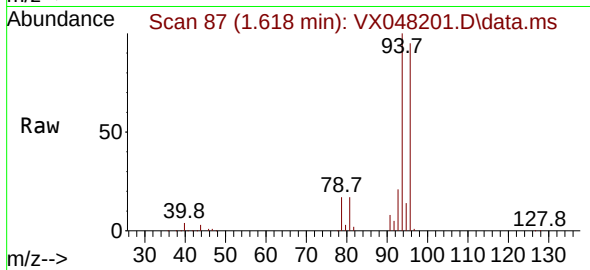
#5
Bromomethane
Concen: 49.497 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Instrument :
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Tgt Ion: 94 Resp: 62910
Ion Ratio Lower Upper
94 100
96 95.0 76.0 114.0

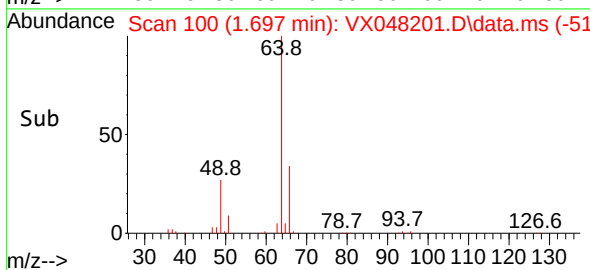
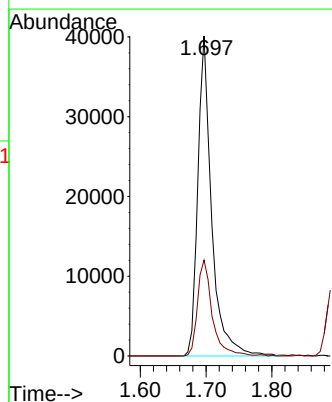
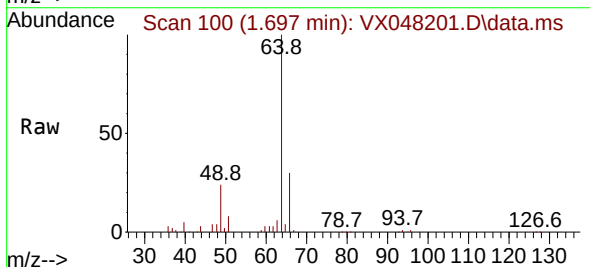
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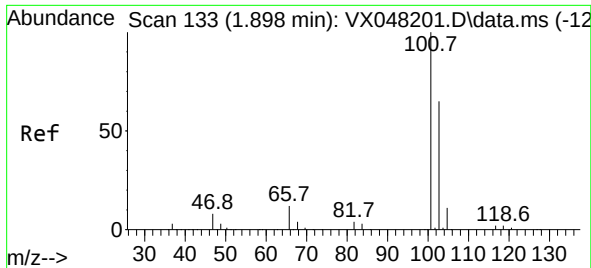
Reviewed By :John Carlone 10/20/2025
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#6
Chloroethane
Concen: 47.342 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 64 Resp: 58491
Ion Ratio Lower Upper
64 100
66 29.9 23.9 35.9





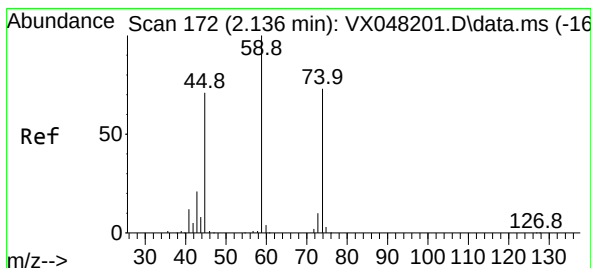
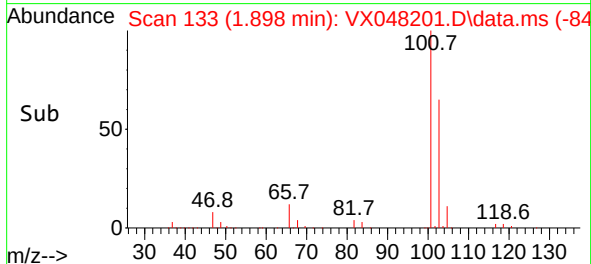
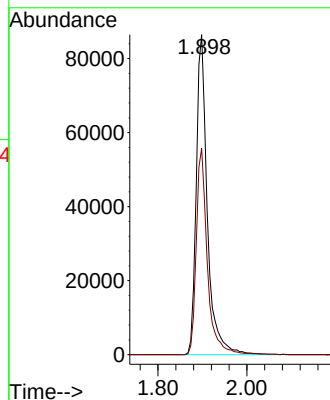
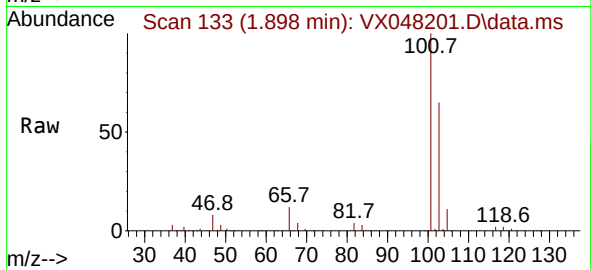
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Trichlorofluoromethane
Concen: 49.000 ug/l
RT: 1.898 min Scan# 133
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Instrument :
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ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 149320
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

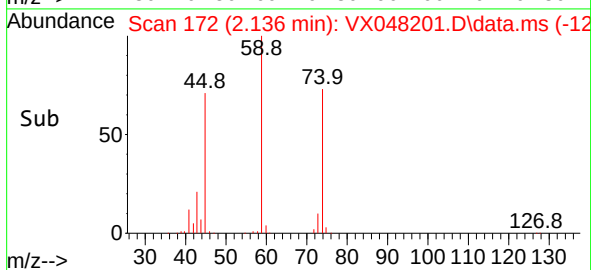
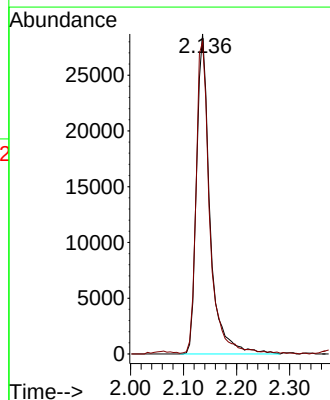
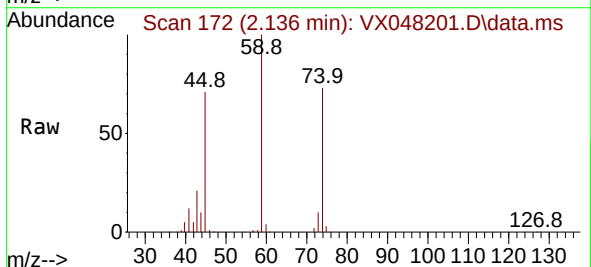
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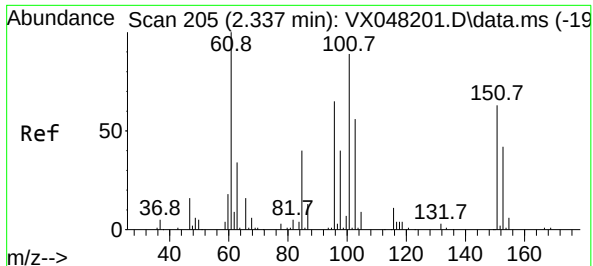
Reviewed By :John Carlone 10/20/2025
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#8
Diethyl Ether
Concen: 48.574 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 74 Resp: 50491
Ion Ratio Lower Upper
74 100
45 99.9 50.0 149.8





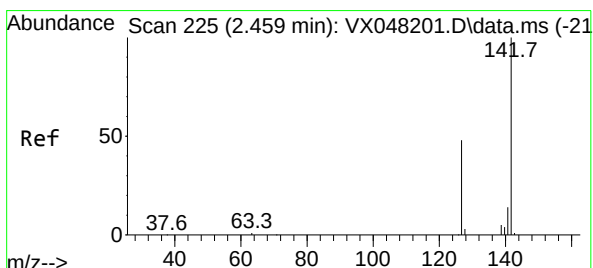
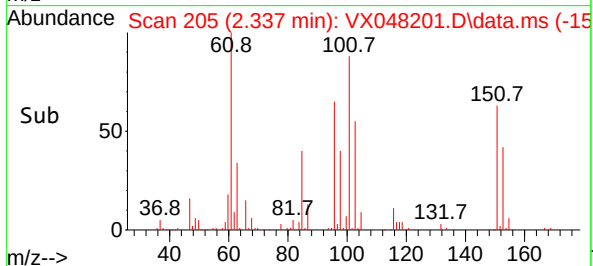
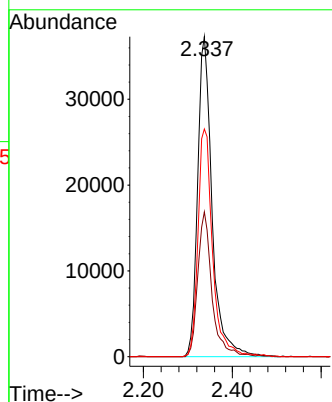
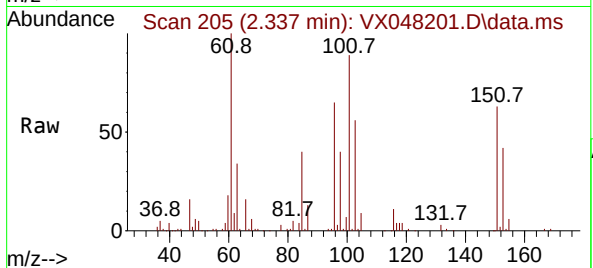
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.008 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 84158
Ion Ratio Lower Upper
101 100
85 44.5 35.6 53.4
151 72.5 58.0 87.0

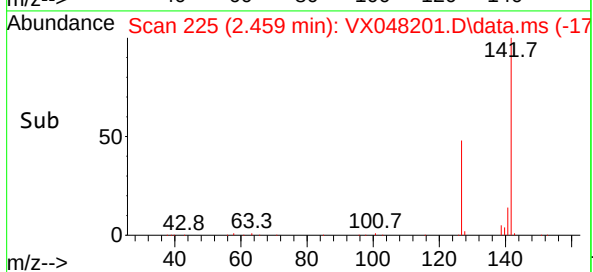
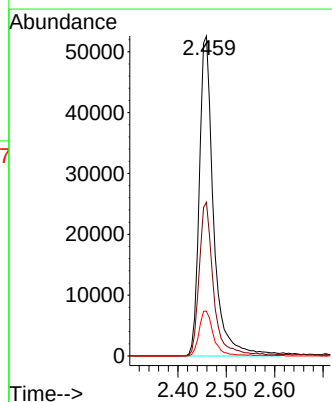
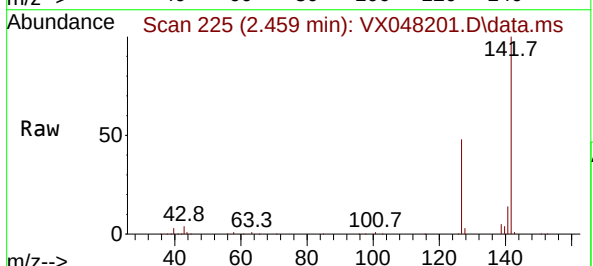
Manual Integrations
APPROVED

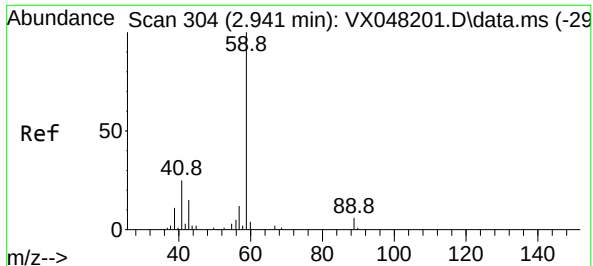
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#10
Methyl Iodide
Concen: 52.442 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:142 Resp: 107865
Ion Ratio Lower Upper
142 100
127 48.1 38.5 57.7
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 236.264 ug/l

RT: 2.941 min Scan# 304

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 35192

Ion Ratio Lower Upper

59 100

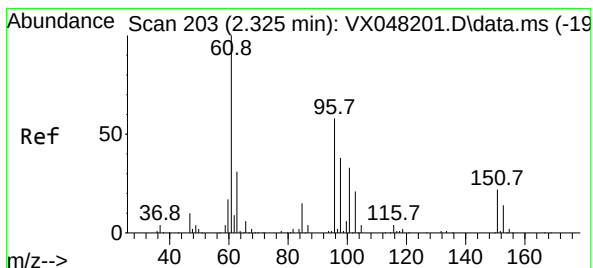
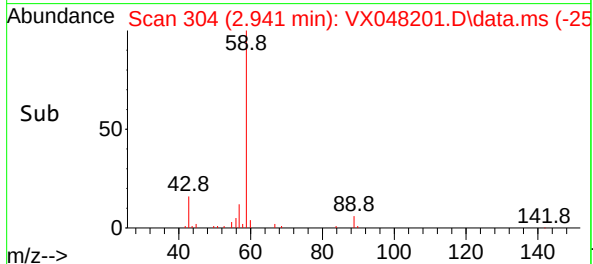
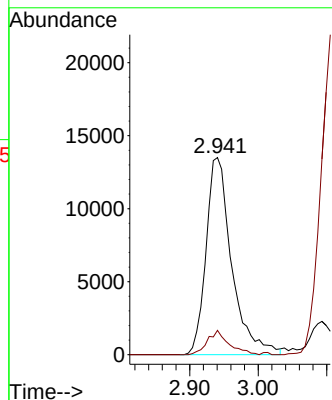
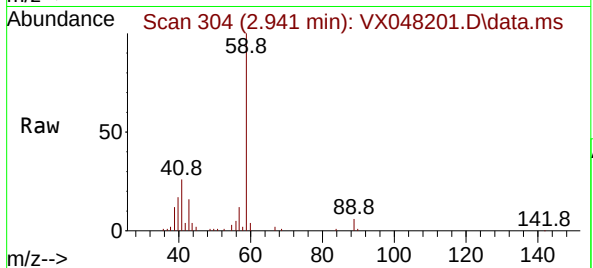
57 10.3 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#12

1,1-Dichloroethene

Concen: 49.074 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

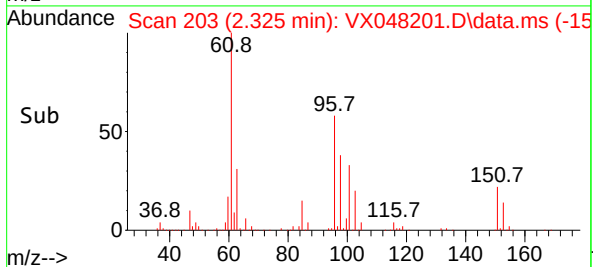
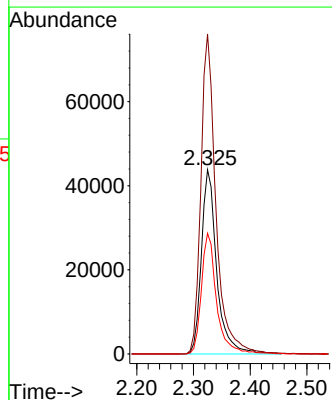
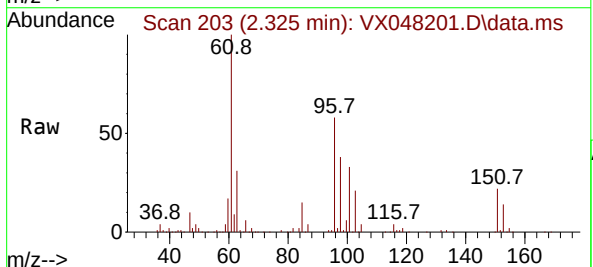
Tgt Ion: 96 Resp: 82401

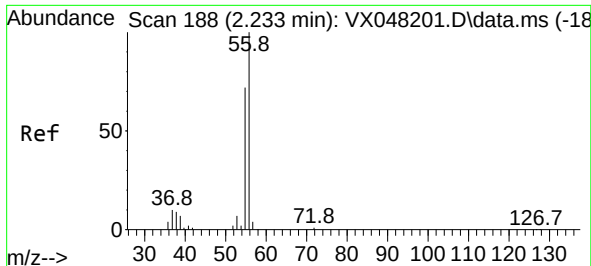
Ion Ratio Lower Upper

96 100

61 173.8 139.0 208.6

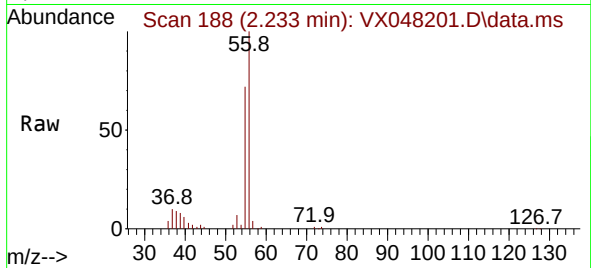
98 65.5 52.4 78.6





#13
Acrolein
Concen: 231.080 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

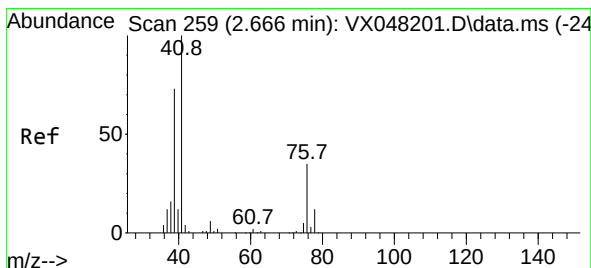
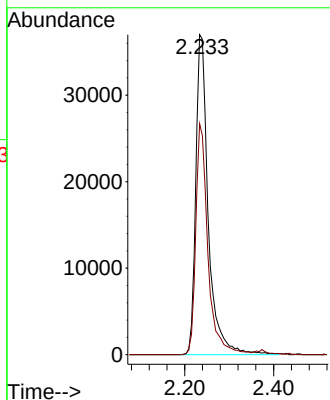
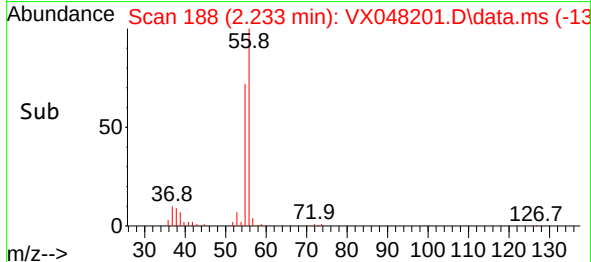
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 7233
Ion Ratio Lower Upper
56 100
55 70.1 56.1 84.1

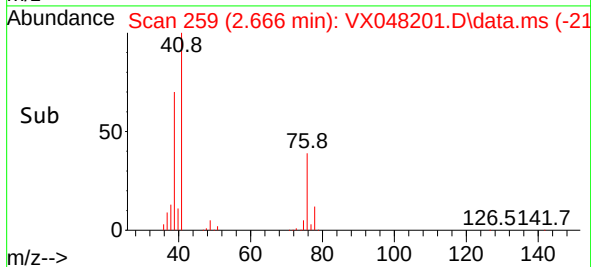
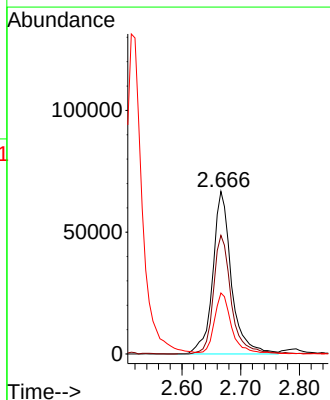
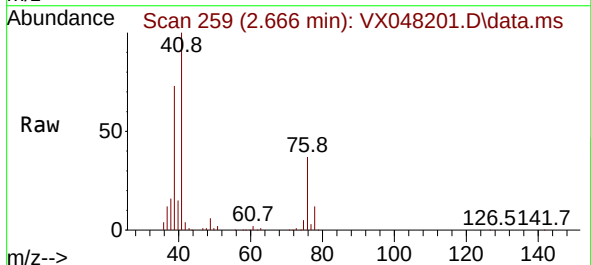
Manual Integrations
APPROVED

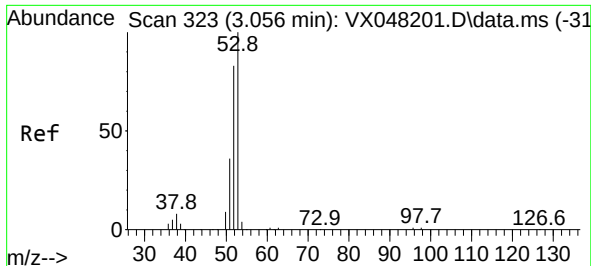
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#14
Allyl chloride
Concen: 48.724 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

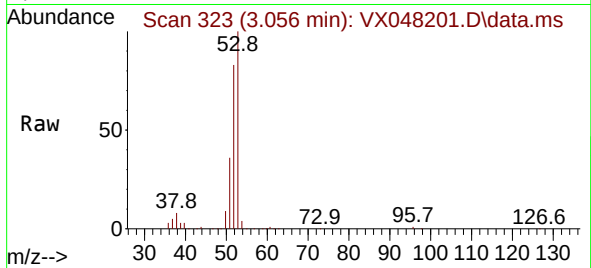
Tgt Ion: 41 Resp: 147166
Ion Ratio Lower Upper
41 100
39 70.0 56.0 84.0
76 34.4 27.5 41.3





#15
Acrylonitrile
Concen: 260.427 ug/l
RT: 3.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

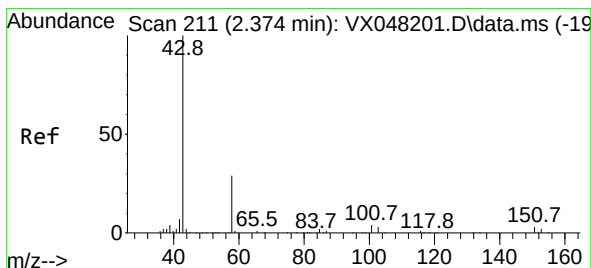
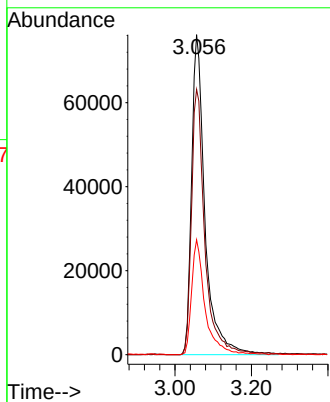
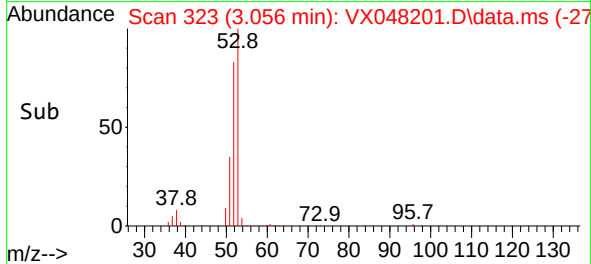
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



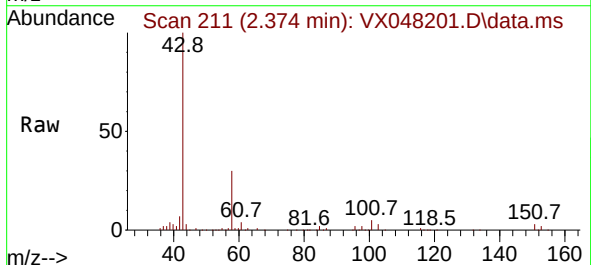
Tgt Ion: 53 Resp: 185879
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 36.2 29.0 43.4

Manual Integrations
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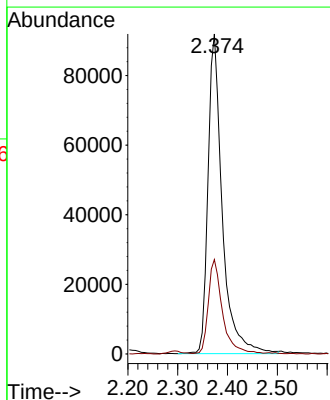
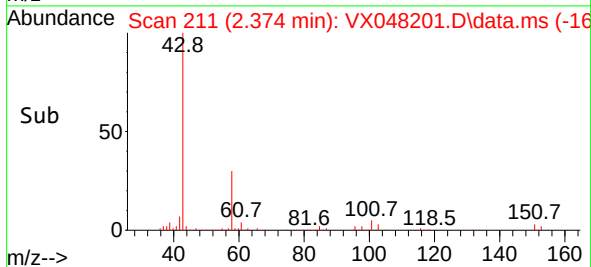
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

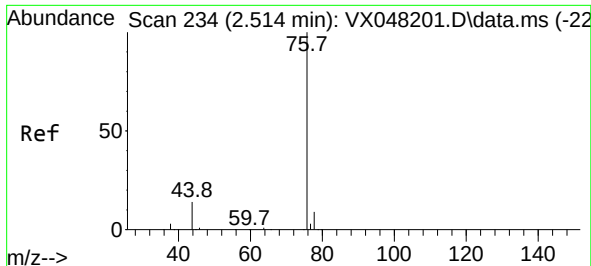


#16
Acetone
Concen: 237.521 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55



Tgt Ion: 43 Resp: 181892
Ion Ratio Lower Upper
43 100
58 29.3 23.4 35.2





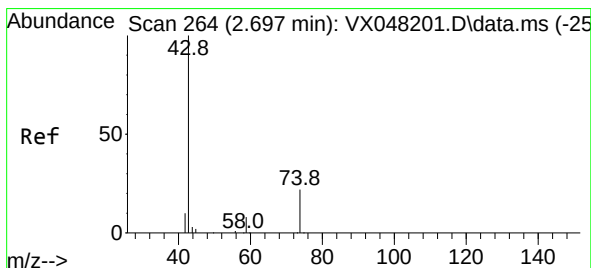
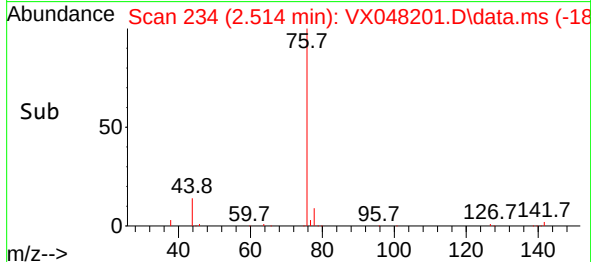
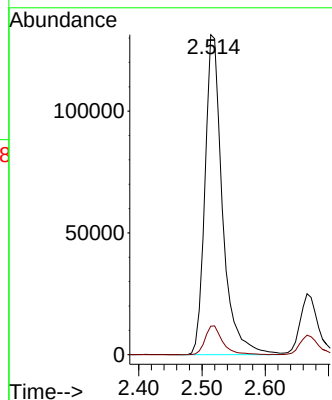
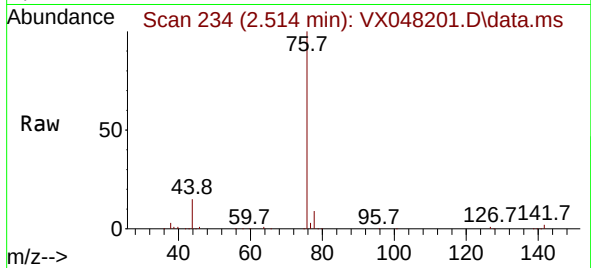
#17
Carbon Disulfide
Concen: 48.958 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 25293
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

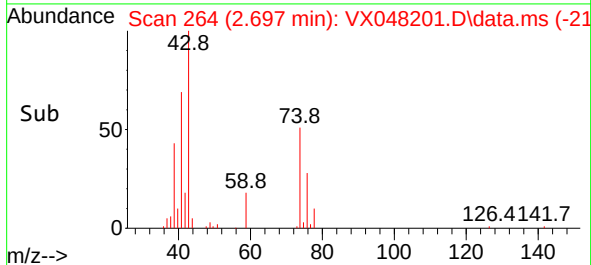
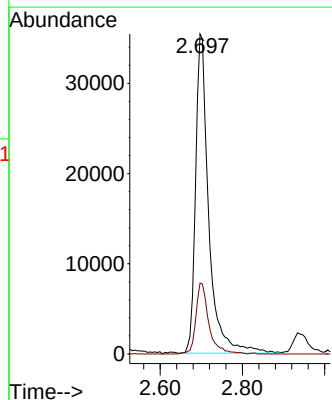
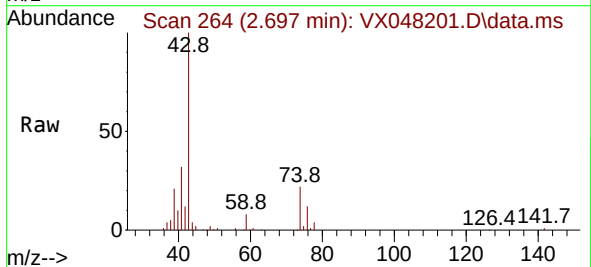
Manual Integrations
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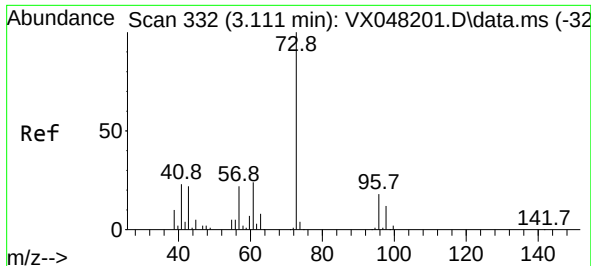
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#18
Methyl Acetate
Concen: 50.371 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 43 Resp: 78566
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3





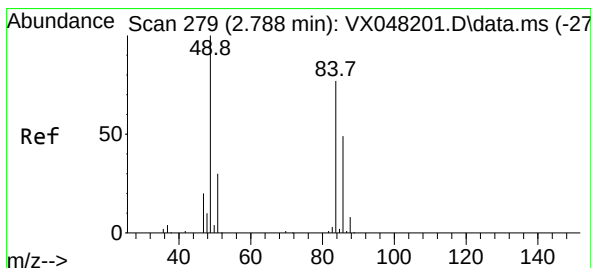
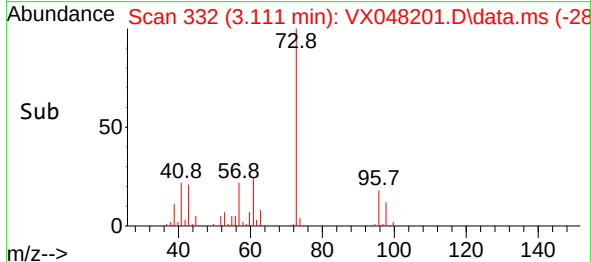
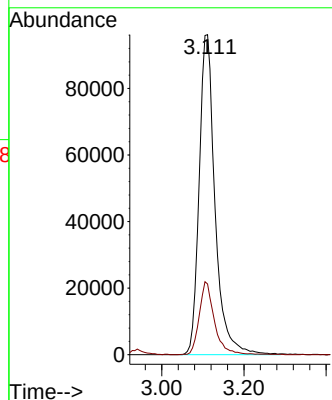
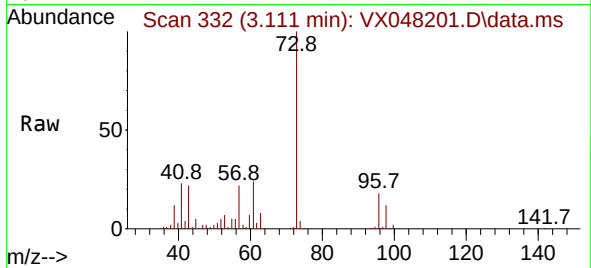
#19
Methyl tert-butyl Ether
Concen: 50.980 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 25784
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

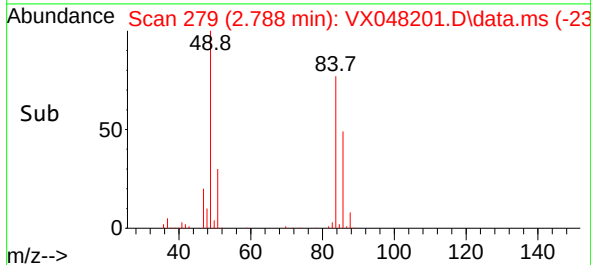
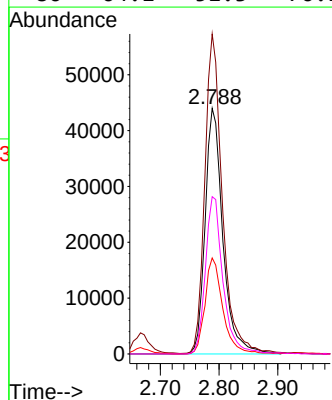
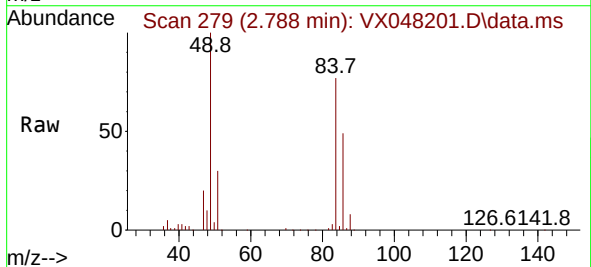
Manual Integrations
APPROVED

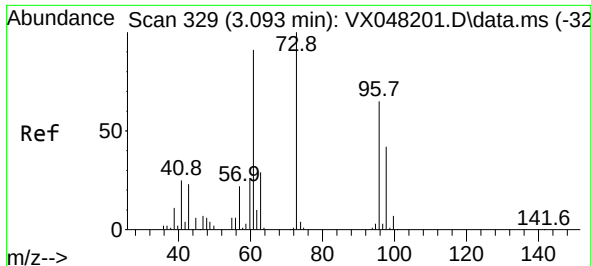
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#20
Methylene Chloride
Concen: 49.431 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 84 Resp: 92216
Ion Ratio Lower Upper
84 100
49 130.1 104.1 156.1
51 39.1 31.3 46.9
86 64.1 51.3 76.9





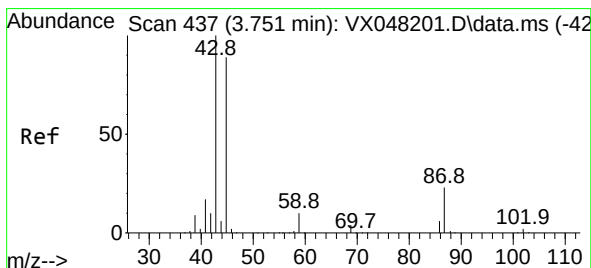
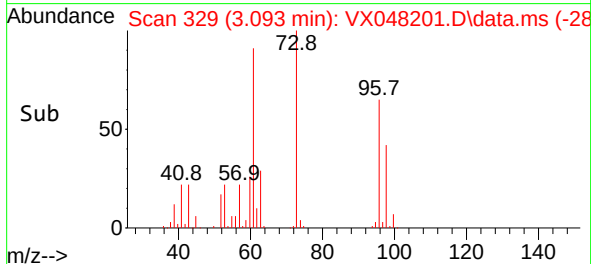
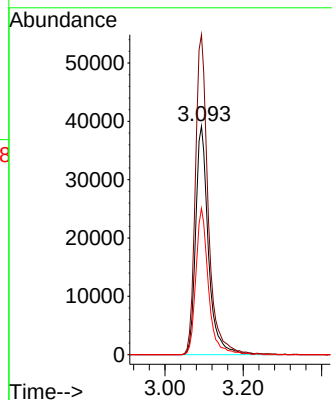
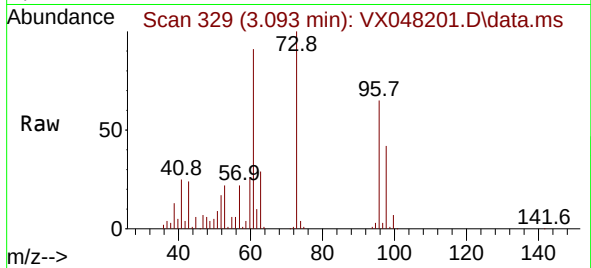
#21
trans-1,2-Dichloroethene
Concen: 51.182 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 96 Resp: 88909
Ion Ratio Lower Upper
96 100
61 139.9 111.9 167.9
98 64.0 51.2 76.8

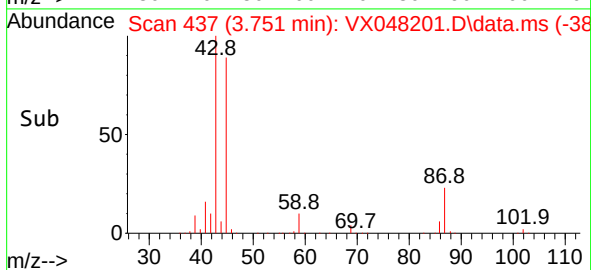
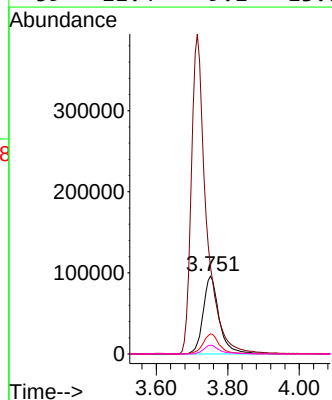
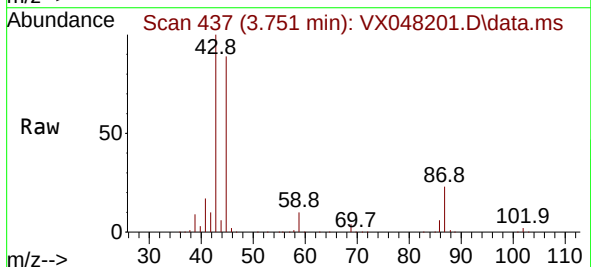
Manual Integrations
APPROVED

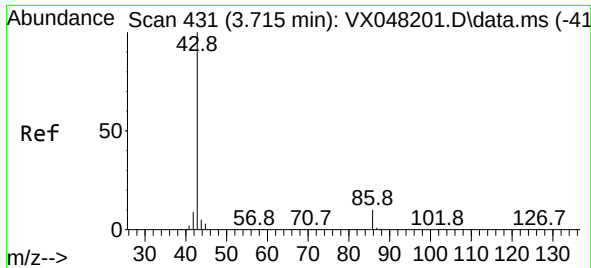
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#22
Diisopropyl ether
Concen: 50.498 ug/l
RT: 3.751 min Scan# 437
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

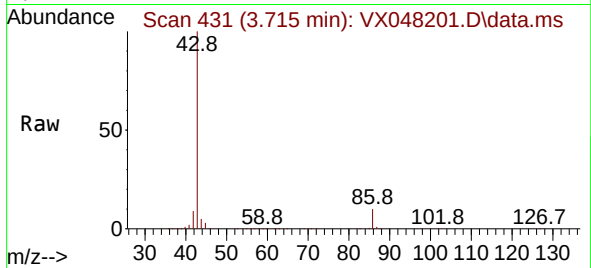
Tgt Ion: 45 Resp: 298658
Ion Ratio Lower Upper
45 100
43 112.3 89.8 134.8
87 25.8 20.6 31.0
59 11.4 9.1 13.7





#23
 Vinyl Acetate
 Concen: 261.168 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048201.D
 Acq: 17 Oct 2025 09:55

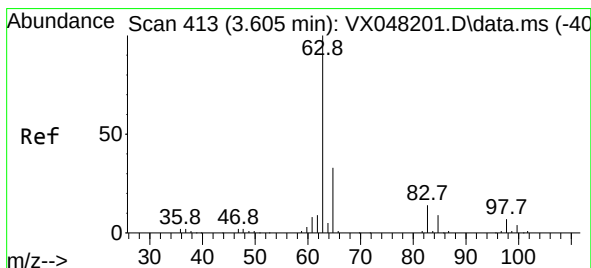
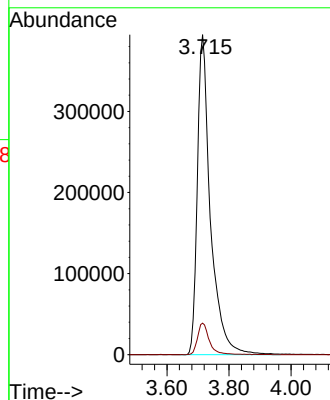
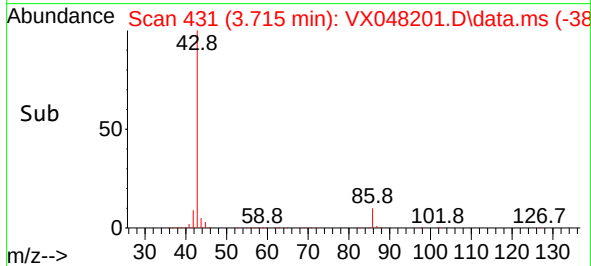
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 43 Resp: 115496
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.9 11.9

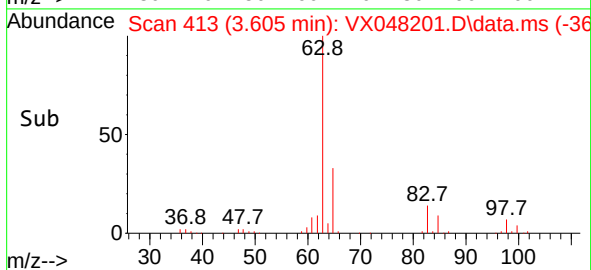
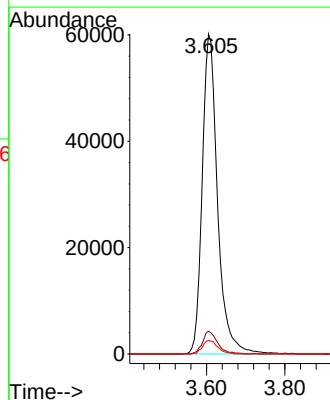
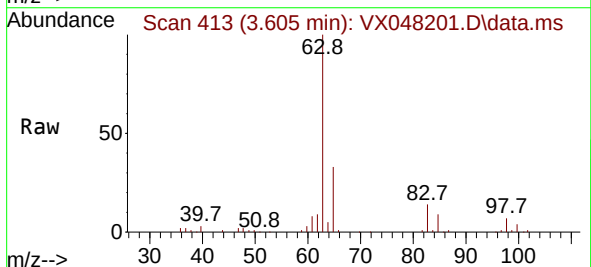
Manual Integrations
 APPROVED

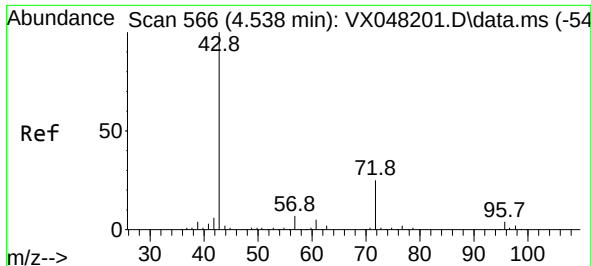
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025



#24
 1,1-Dichloroethane
 Concen: 48.666 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX048201.D
 Acq: 17 Oct 2025 09:55

Tgt Ion: 63 Resp: 163290
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.2 2.1 6.3





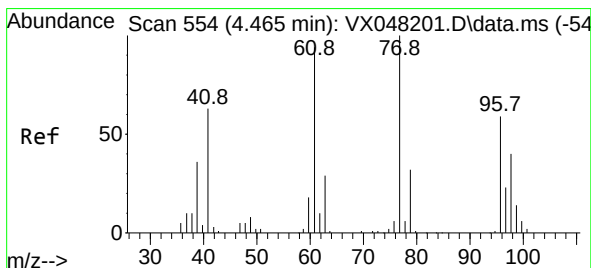
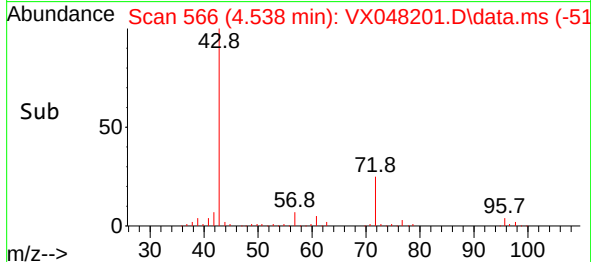
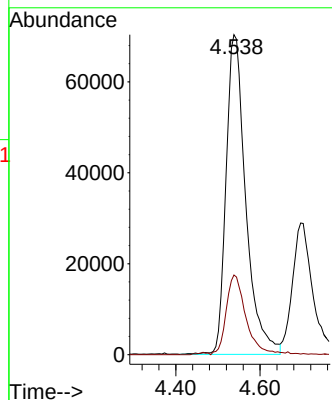
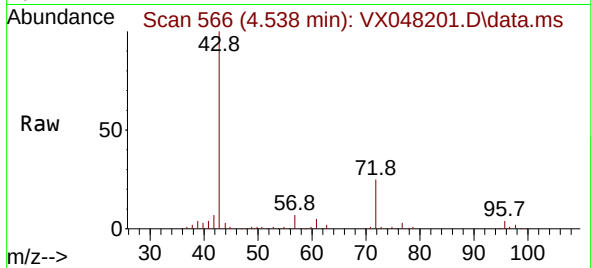
#25
2-Butanone
Concen: 255.213 ug/l
RT: 4.538 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 227690
Ion Ratio Lower Upper
43 100
72 24.9 19.9 29.9

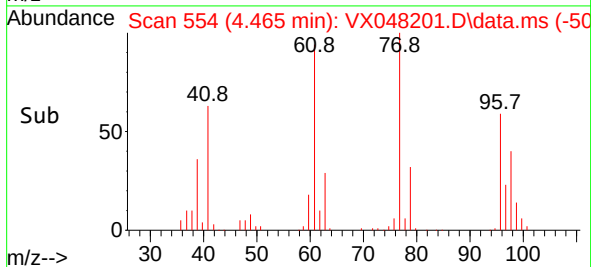
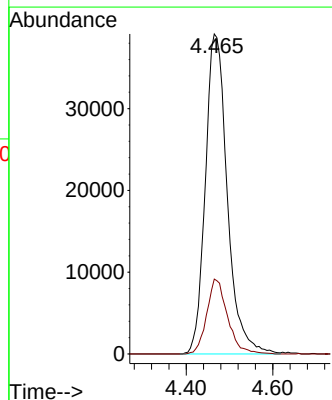
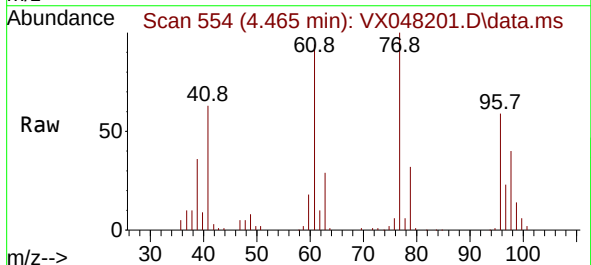
Manual Integrations
APPROVED

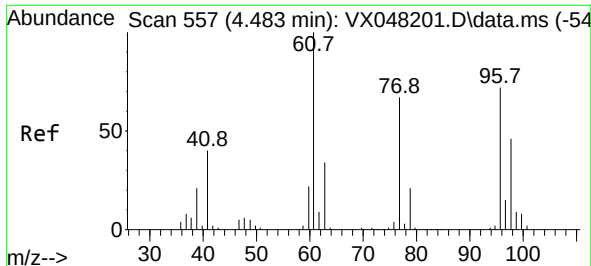
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#26
2,2-Dichloropropane
Concen: 47.994 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 77 Resp: 137645
Ion Ratio Lower Upper
77 100
97 22.2 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 49.771 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 102610

Ion Ratio Lower Upper

96 100

61 147.1 0.0 294.2

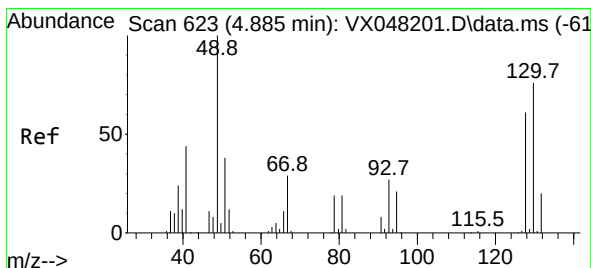
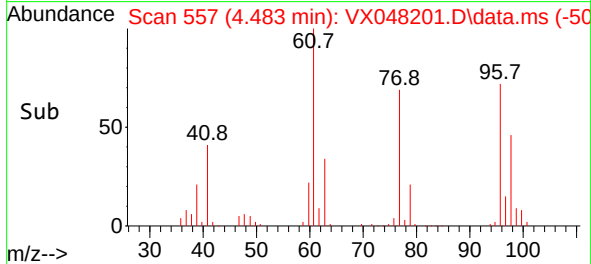
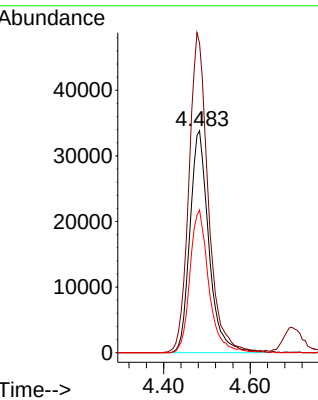
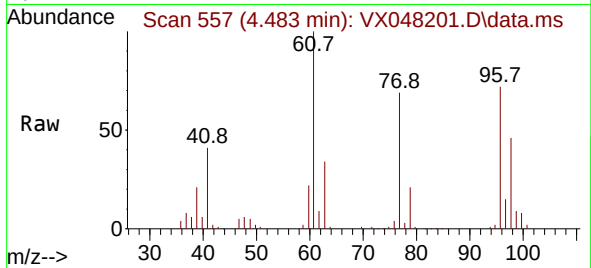
98 64.2 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#28

Bromochloromethane

Concen: 52.757 ug/l

RT: 4.885 min Scan# 623

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

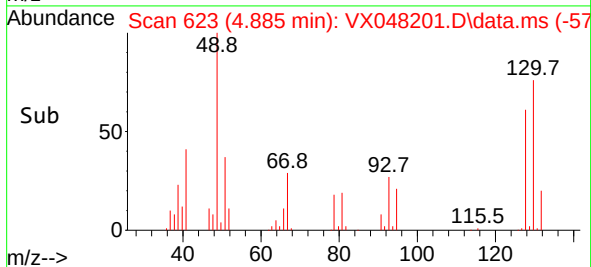
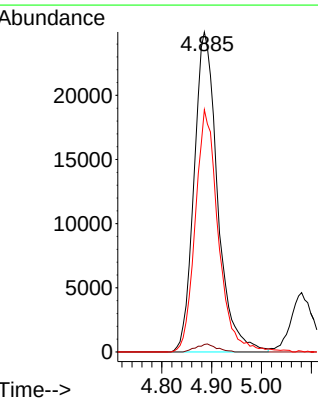
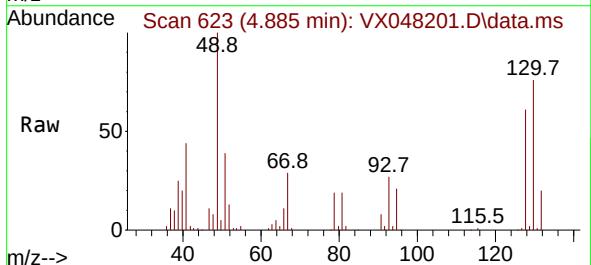
Tgt Ion: 49 Resp: 81597

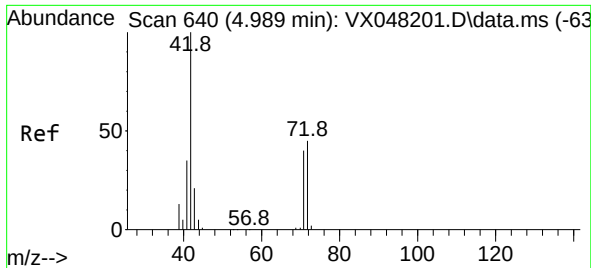
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

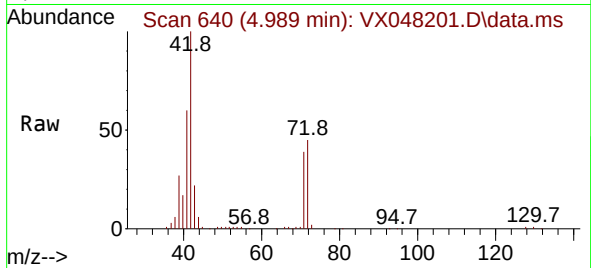
130 74.1 59.3 88.9





#29
Tetrahydrofuran
Concen: 256.331 ug/l
RT: 4.989 min Scan# 640
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

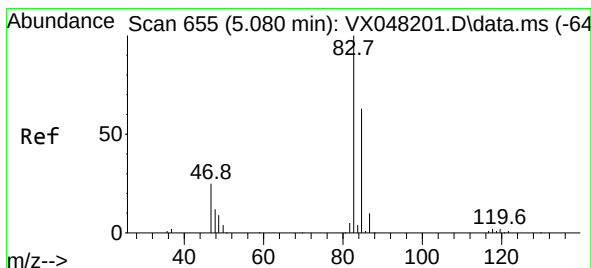
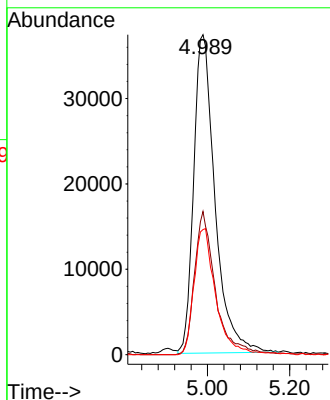
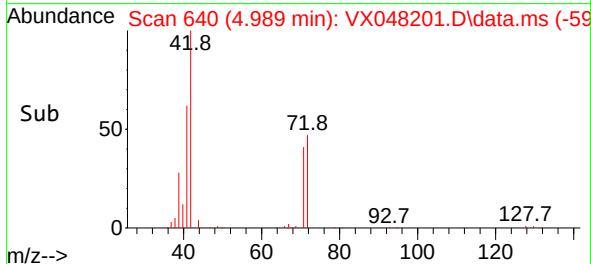
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 42 Resp: 134302
Ion Ratio Lower Upper
42 100
72 44.1 35.3 52.9
71 40.3 32.2 48.4

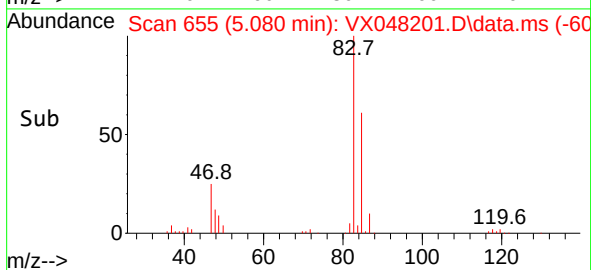
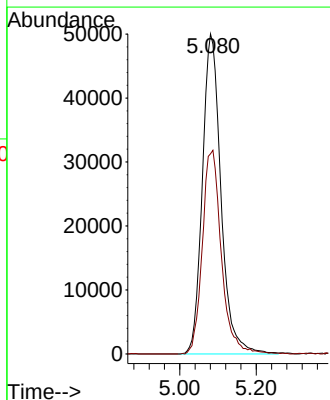
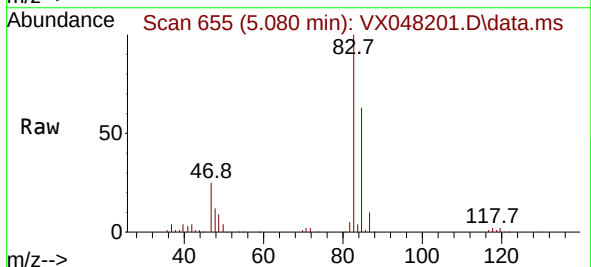
Manual Integrations
APPROVED

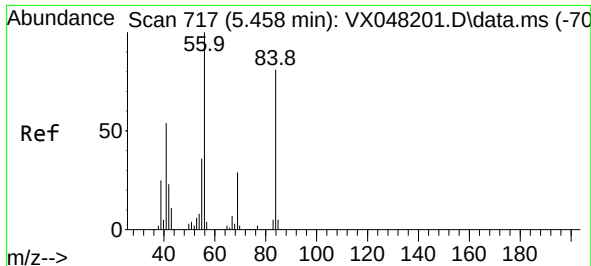
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#30
Chloroform
Concen: 47.821 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

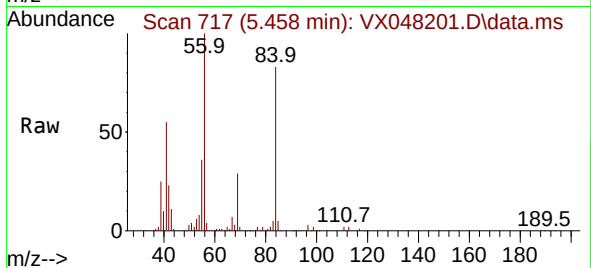
Tgt Ion: 83 Resp: 168931
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1





#31
Cyclohexane
Concen: 48.824 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

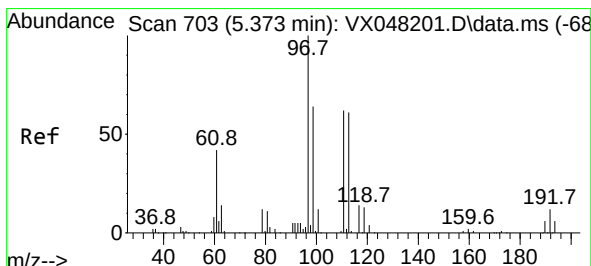
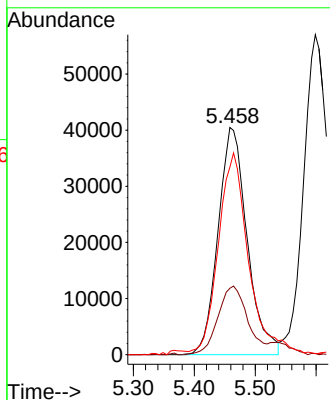
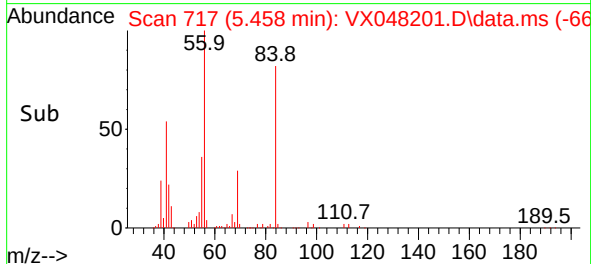
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 134044
Ion Ratio Lower Upper
56 100
69 28.8 23.0 34.6
84 80.8 64.6 97.0

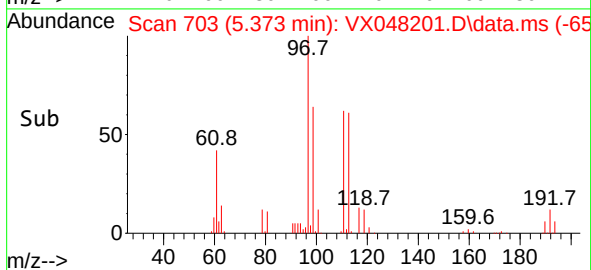
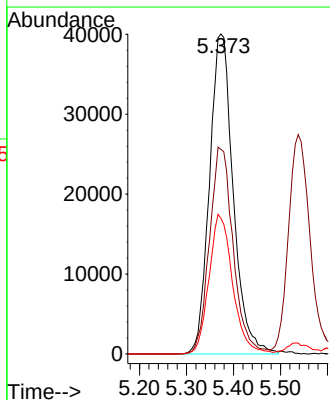
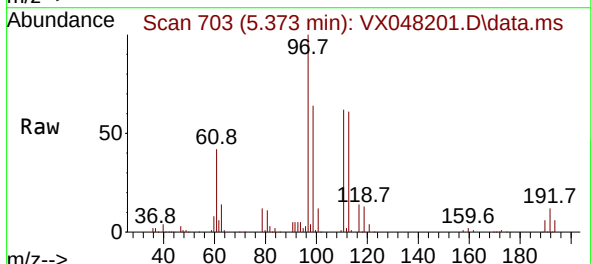
Manual Integrations
APPROVED

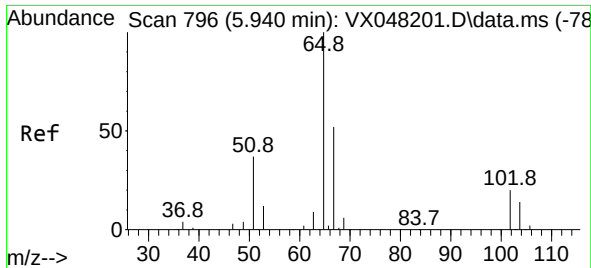
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#32
1,1,1-Trichloroethane
Concen: 48.391 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 97 Resp: 140456
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 43.5 34.8 52.2





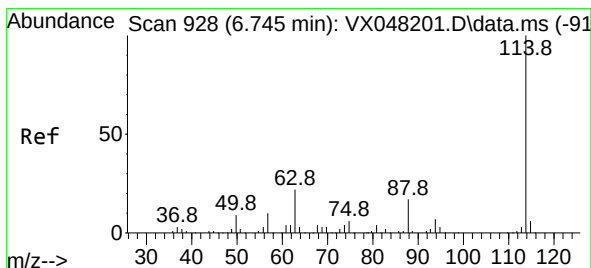
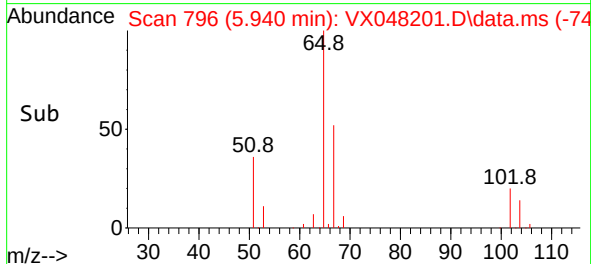
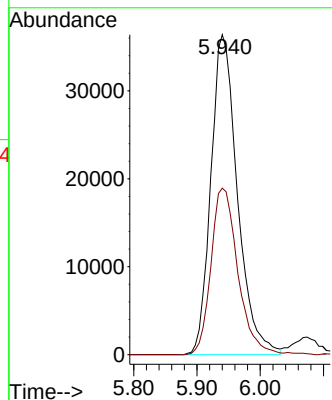
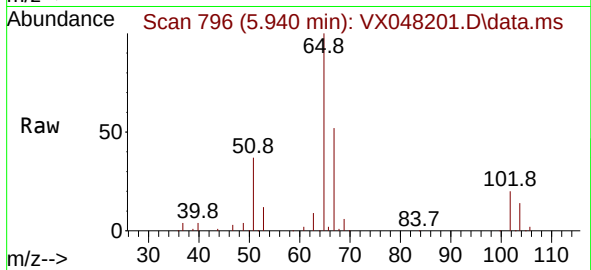
#33
1,2-Dichloroethane-d4
Concen: 47.240 ug/l
RT: 5.940 min Scan# 796
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 10604
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.0

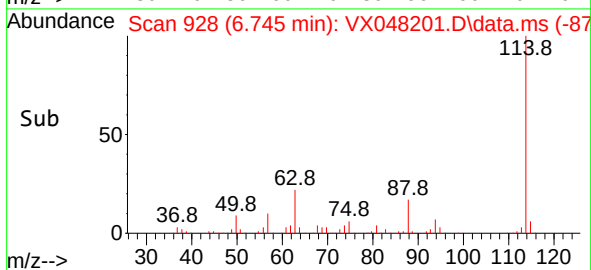
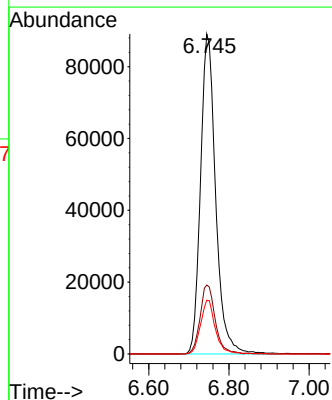
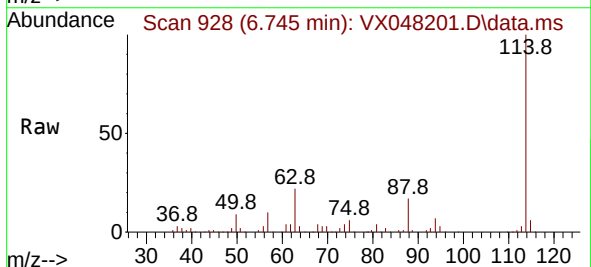
Manual Integrations
APPROVED

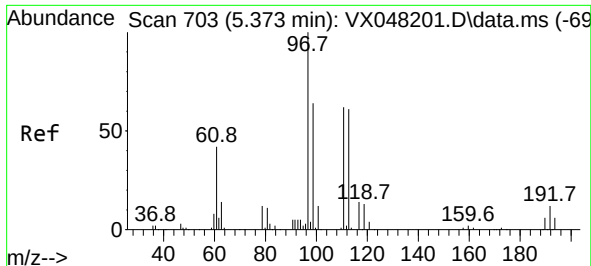
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:114 Resp: 233738
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.2
88 16.8 0.0 33.6





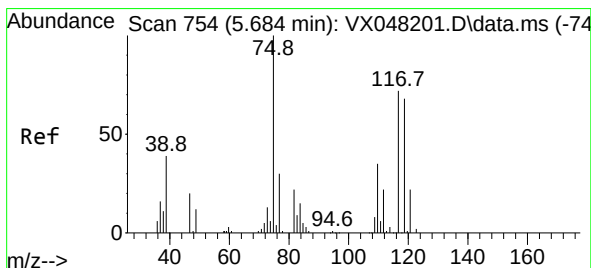
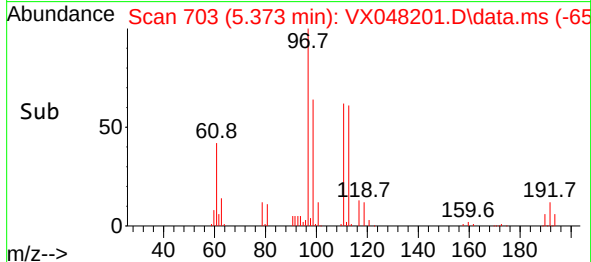
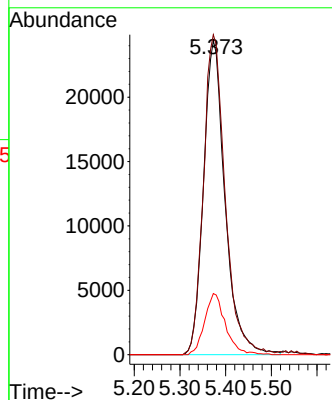
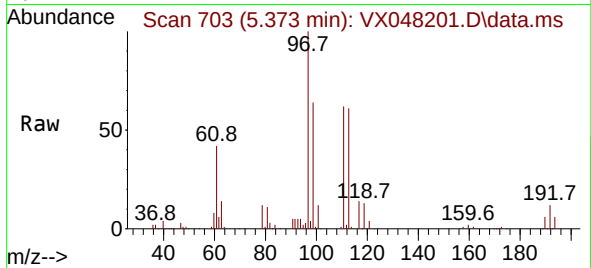
#35
Dibromofluoromethane
Concen: 49.241 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:113 Resp: 79879
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 18.9 15.1 22.7

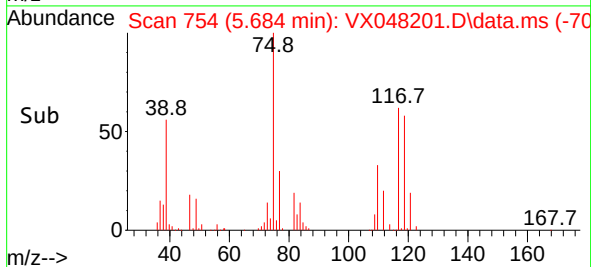
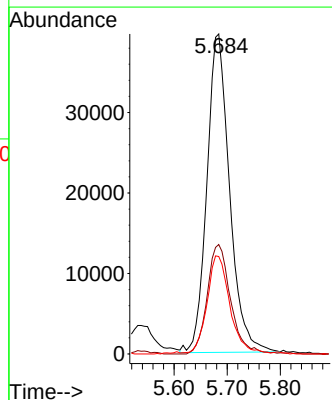
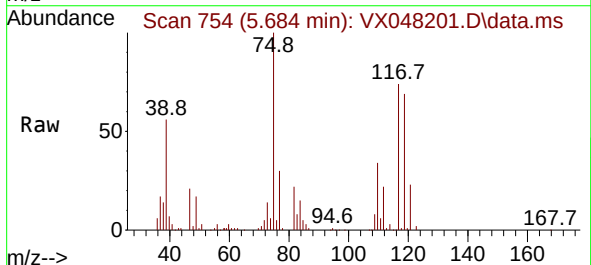
Manual Integrations
APPROVED

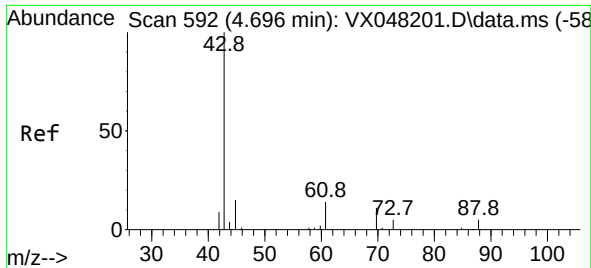
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#36
1,1-Dichloropropene
Concen: 51.478 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 75 Resp: 117638
Ion Ratio Lower Upper
75 100
110 35.4 17.7 53.1
77 30.4 24.3 36.5





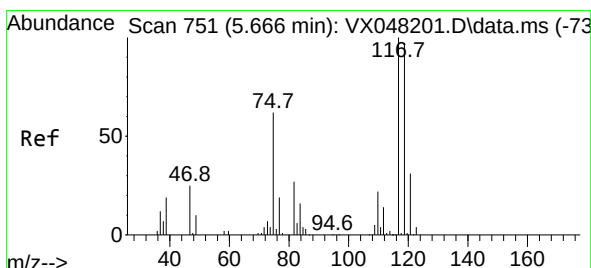
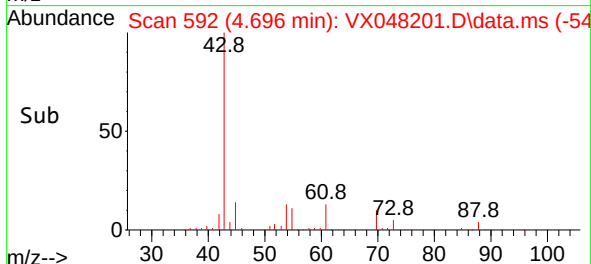
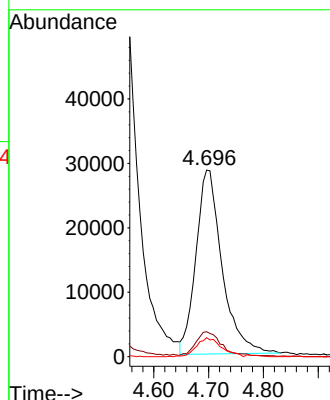
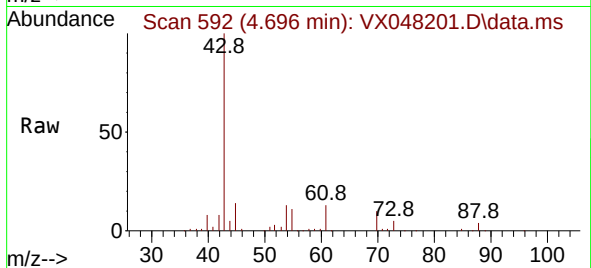
#37
Ethyl Acetate
Concen: 51.771 ug/l
RT: 4.696 min Scan# 592
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 94549
Ion Ratio Lower Upper
43 100
61 13.2 10.6 15.8
70 9.7 7.8 11.6

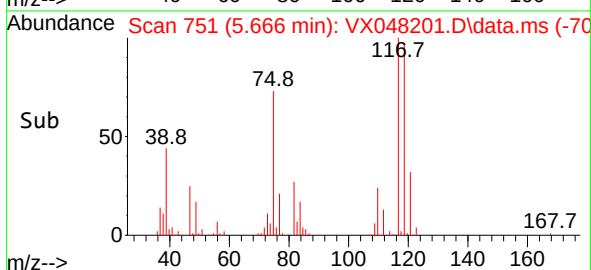
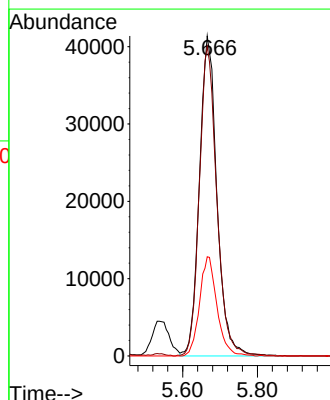
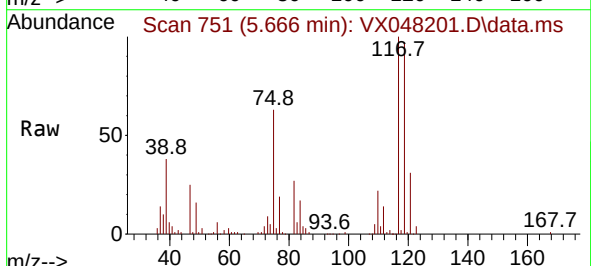
Manual Integrations
APPROVED

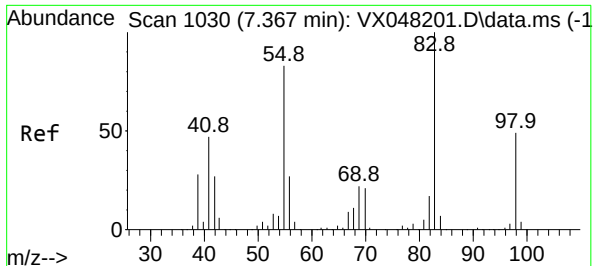
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#38
Carbon Tetrachloride
Concen: 51.270 ug/l
RT: 5.666 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:117 Resp: 134481
Ion Ratio Lower Upper
117 100
119 96.5 77.2 115.8
121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 52.254 ug/l

RT: 7.367 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 134638

Ion Ratio Lower Upper

83 100

55 82.7 66.2 99.2

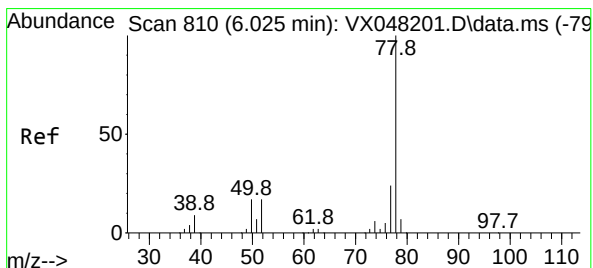
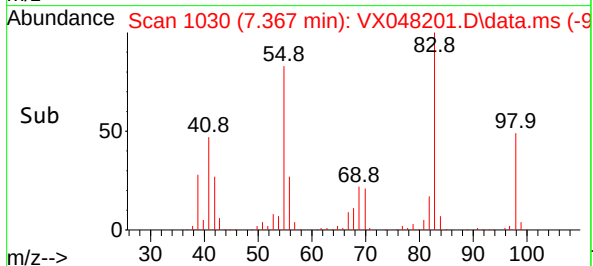
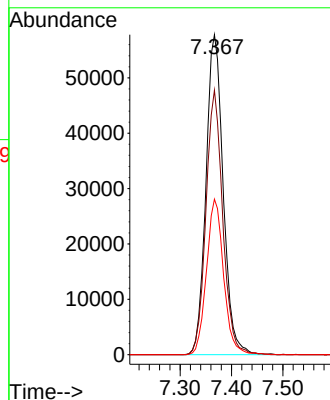
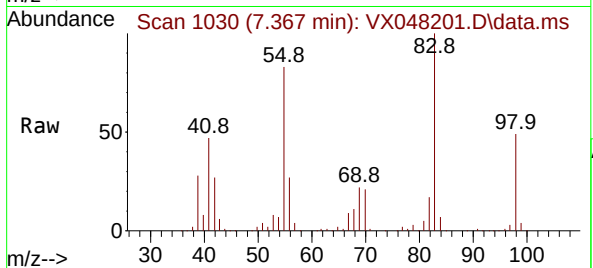
98 48.6 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#40

Benzene

Concen: 51.556 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX048201.D

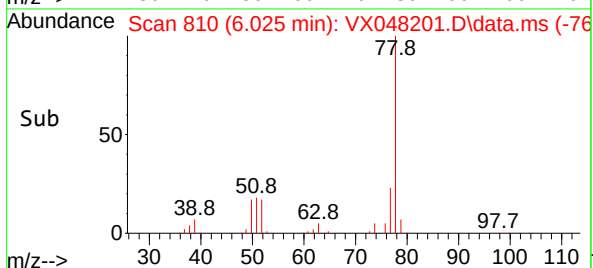
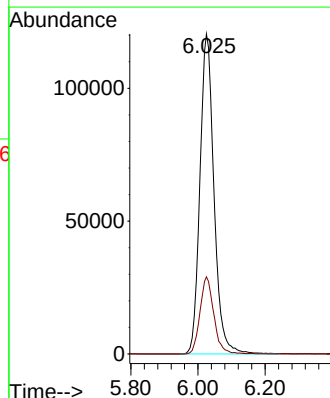
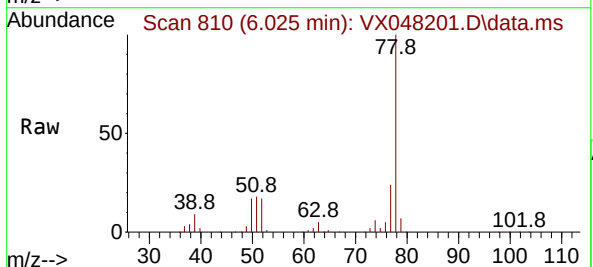
Acq: 17 Oct 2025 09:55

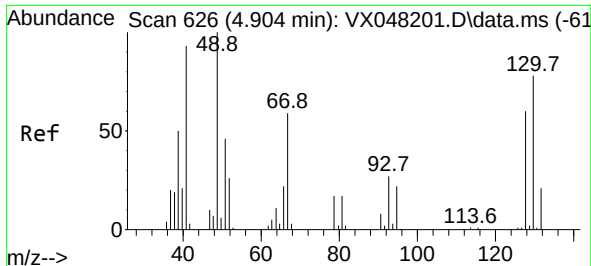
Tgt Ion: 78 Resp: 349840

Ion Ratio Lower Upper

78 100

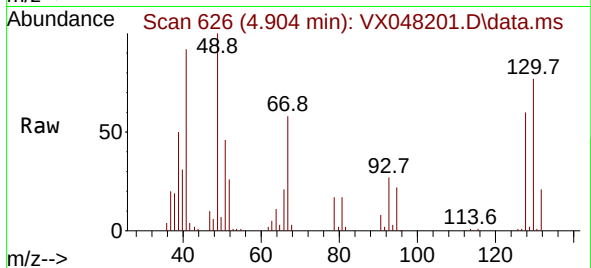
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 54.588 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

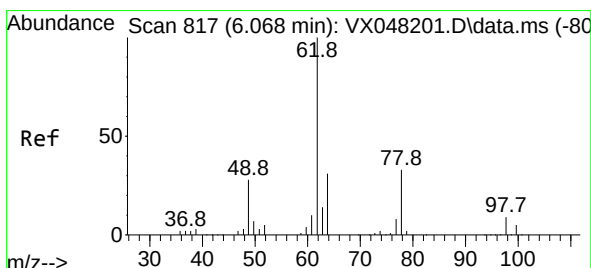
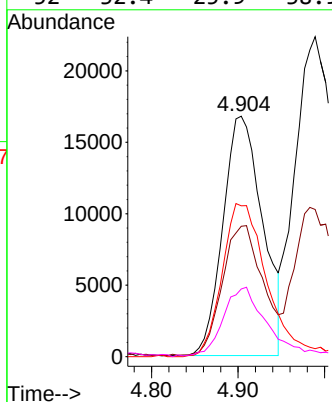
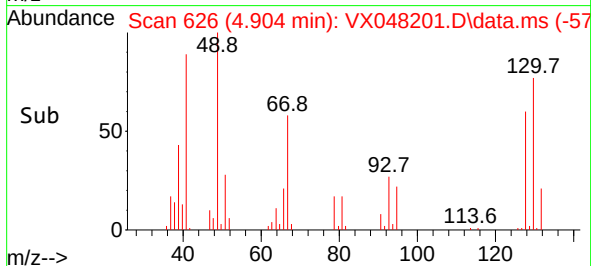
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



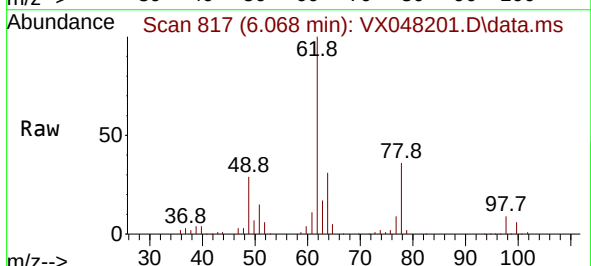
Tgt Ion: 41 Resp: 53392
Ion Ratio Lower Upper
41 100
39 55.0 44.0 66.0
67 73.4 58.7 88.1
52 32.4 25.9 38.9

Manual Integrations
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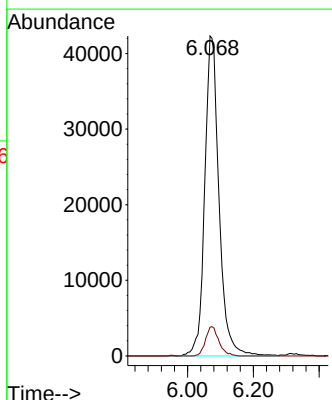
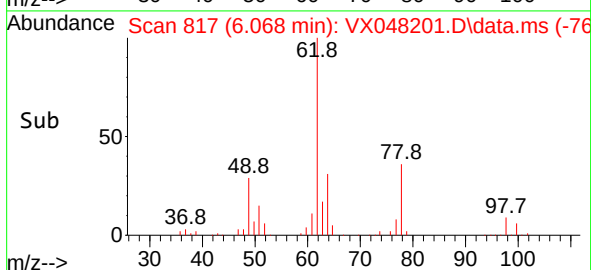
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

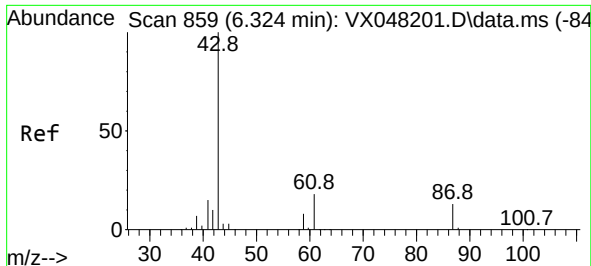


#42
1,2-Dichloroethane
Concen: 52.516 ug/l
RT: 6.068 min Scan# 817
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55



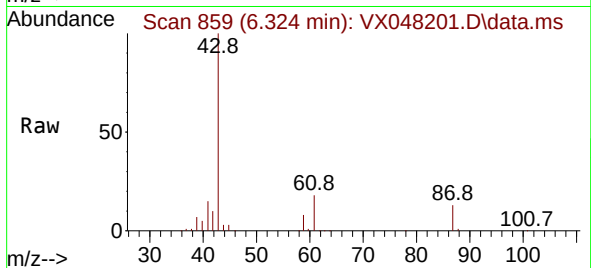
Tgt Ion: 62 Resp: 127674
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.2





#43
Isopropyl Acetate
Concen: 53.135 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

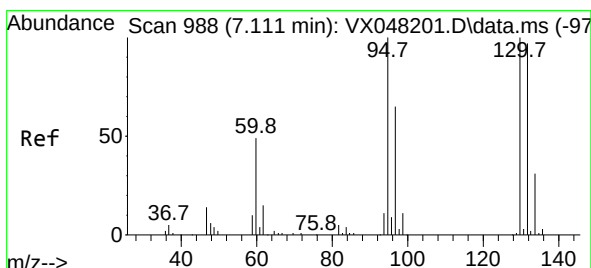
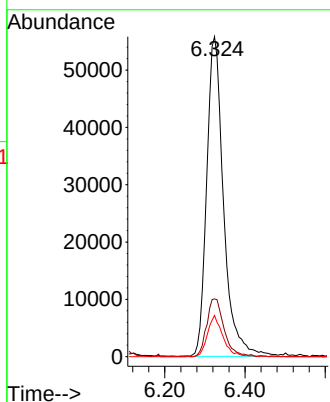
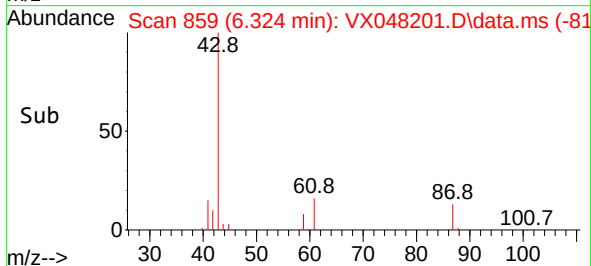
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 16289
Ion Ratio Lower Upper
43 100
61 18.6 14.9 22.3
87 11.8 9.4 14.2

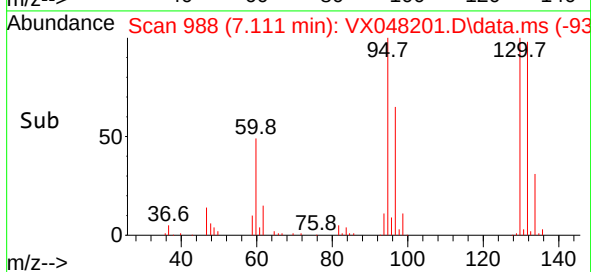
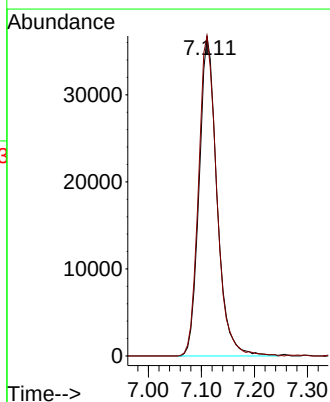
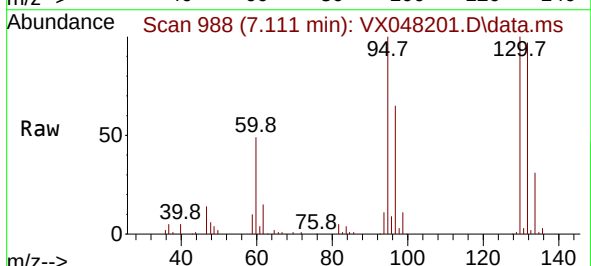
Manual Integrations
APPROVED

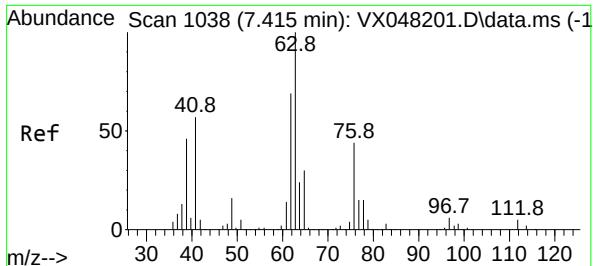
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#44
Trichloroethene
Concen: 50.188 ug/l
RT: 7.111 min Scan# 988
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:130 Resp: 85828
Ion Ratio Lower Upper
130 100
95 100.3 0.0 200.6





#45

1,2-Dichloropropane

Concen: 51.339 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 8816

Ion Ratio Lower Upper

63 100

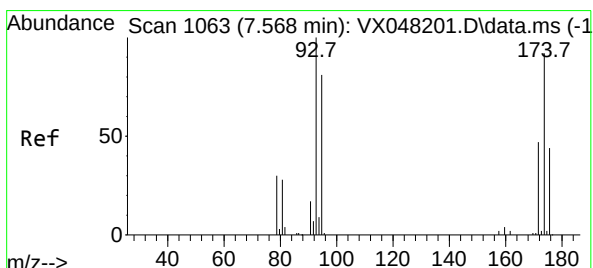
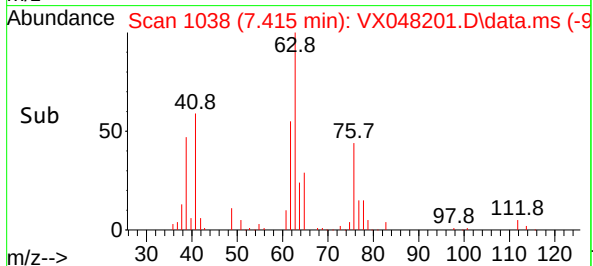
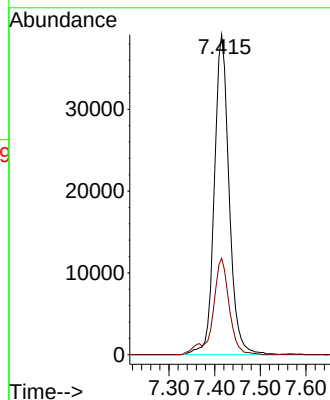
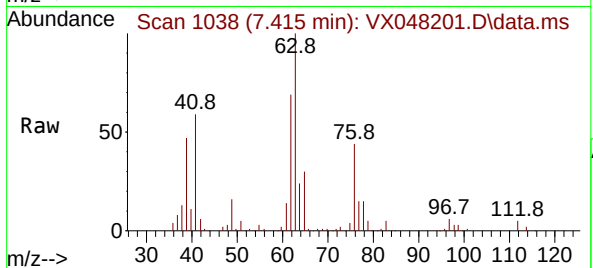
65 30.1 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#46

Dibromomethane

Concen: 50.719 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

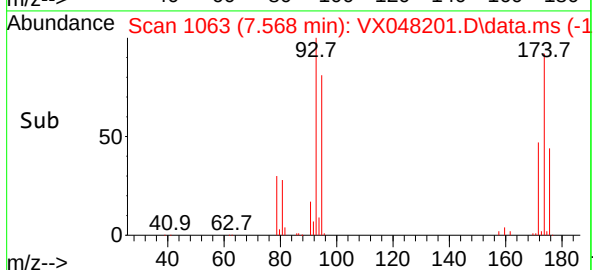
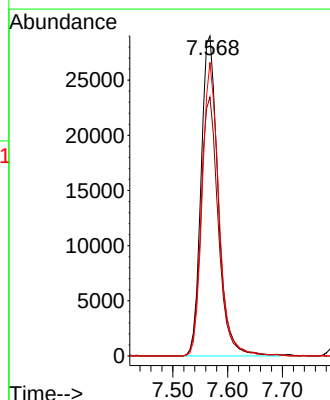
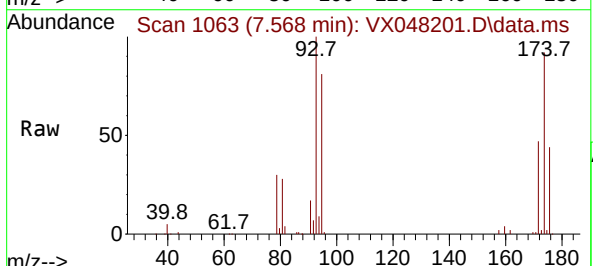
Tgt Ion: 93 Resp: 62671

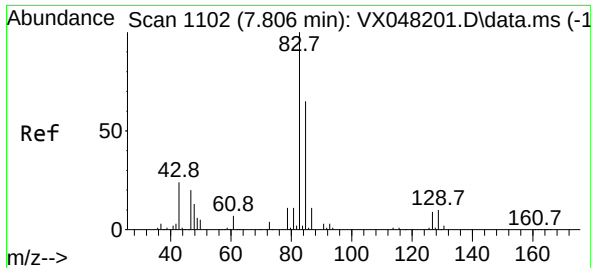
Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

174 89.6 71.7 107.5





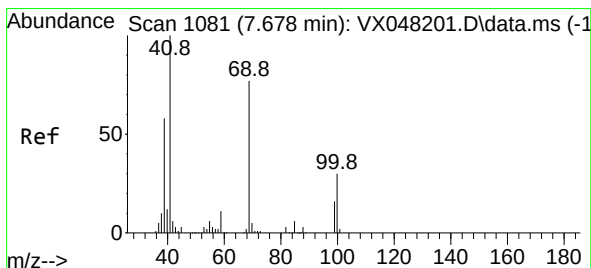
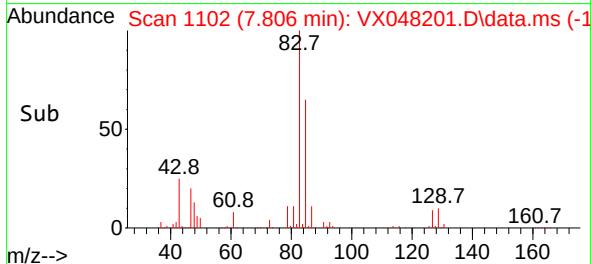
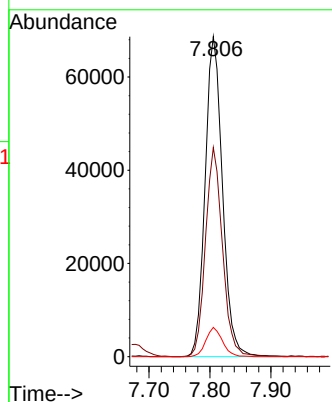
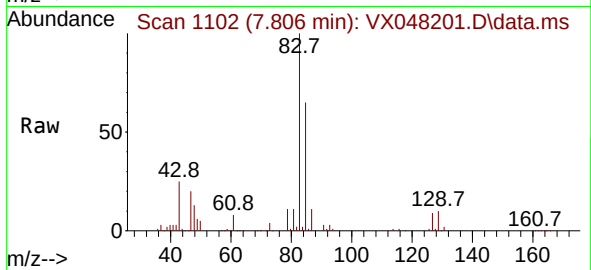
#47
Bromodichloromethane
Concen: 50.951 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 136069
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.4
127 9.1 7.3 10.9

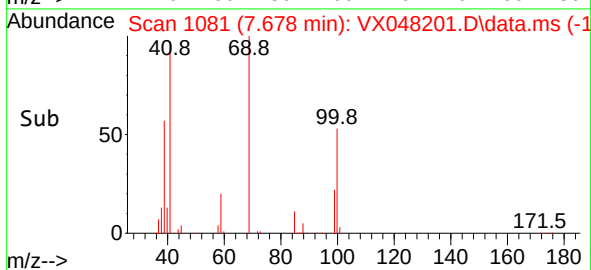
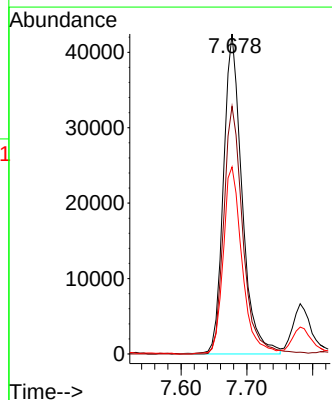
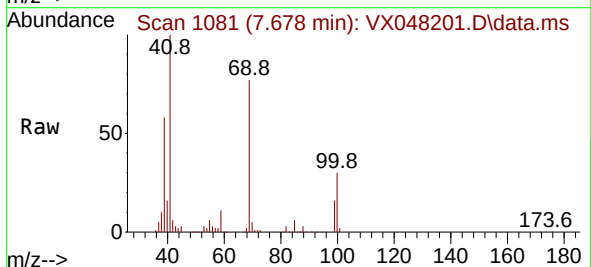
Manual Integrations
APPROVED

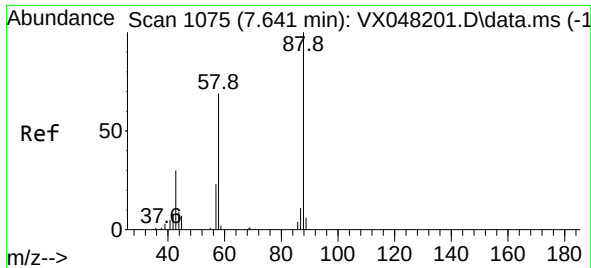
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#48
Methyl methacrylate
Concen: 53.254 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

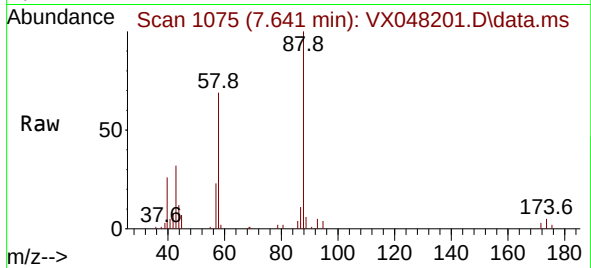
Tgt Ion: 41 Resp: 83574
Ion Ratio Lower Upper
41 100
69 79.2 63.4 95.0
39 58.9 47.1 70.7





#49
1,4-Dioxane
Concen: 1035.490 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

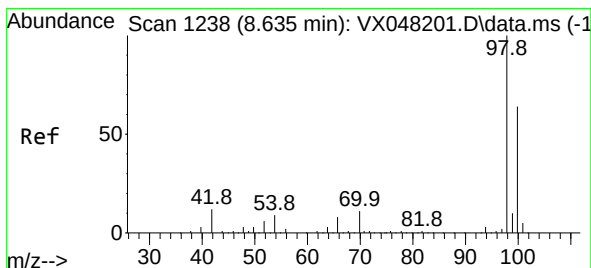
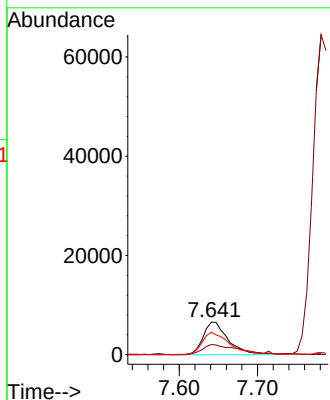
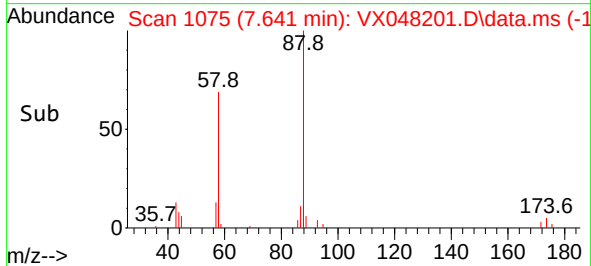
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 14628
Ion Ratio Lower Upper
88 100
43 43.7 35.0 52.4
58 77.4 61.9 92.9

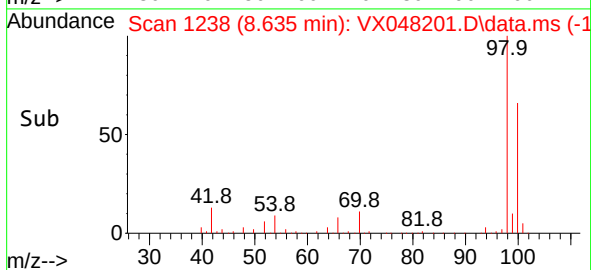
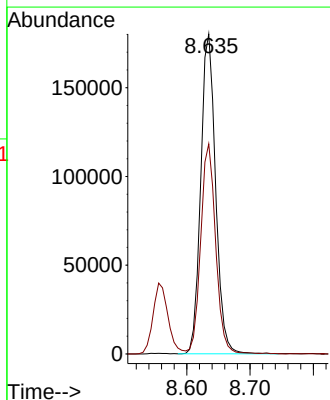
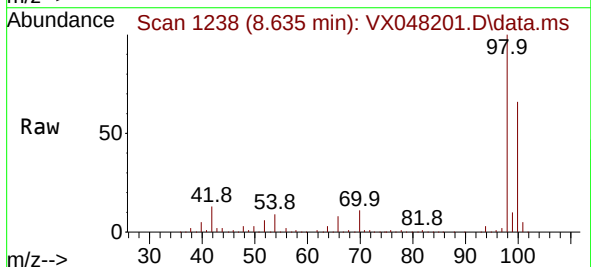
Manual Integrations
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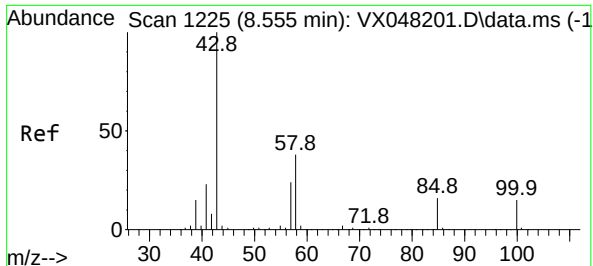
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#50
Toluene-d8
Concen: 50.468 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 98 Resp: 294942
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4





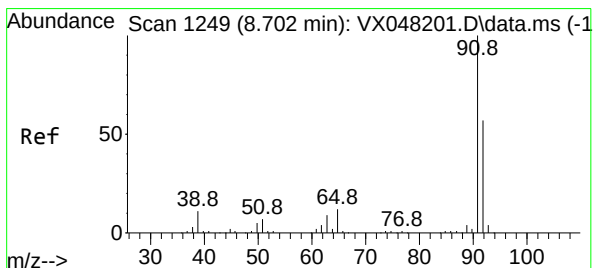
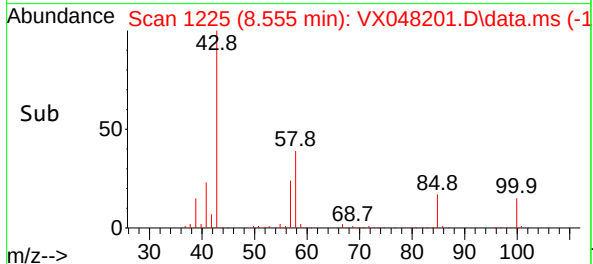
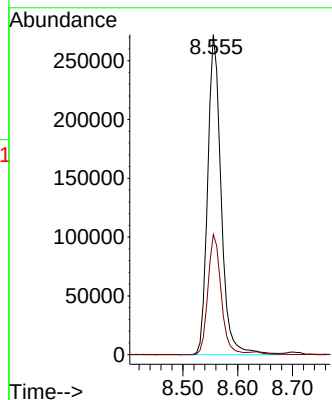
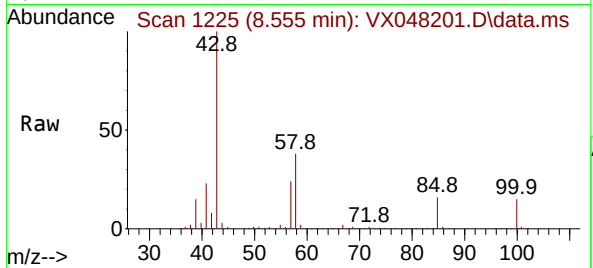
#51
4-Methyl-2-Pentanone
Concen: 270.327 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 46116
Ion Ratio Lower Upper
43 100
58 36.9 29.5 44.3

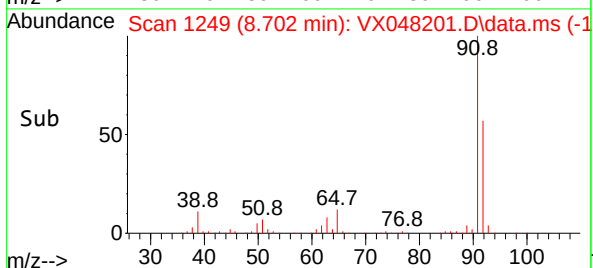
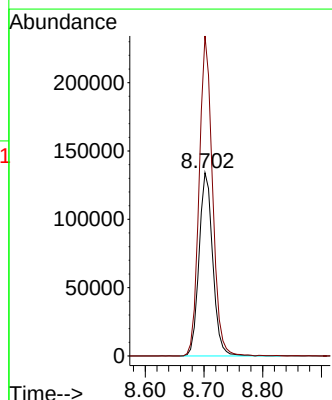
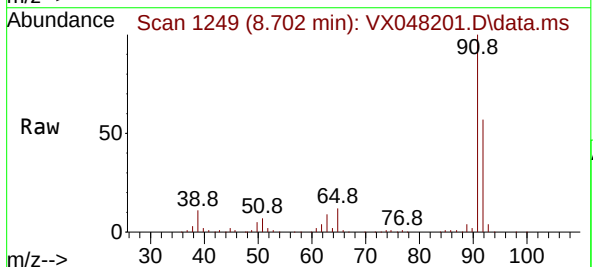
Manual Integrations
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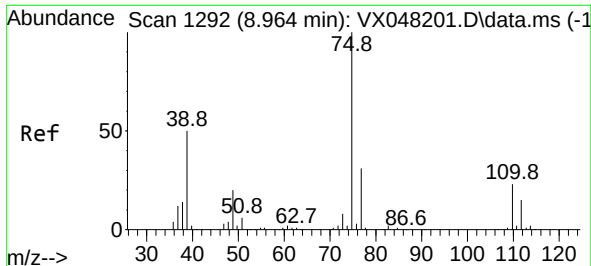
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#52
Toluene
Concen: 53.129 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion: 92 Resp: 216685
Ion Ratio Lower Upper
92 100
91 170.1 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 53.044 ug/l

RT: 8.964 min Scan# 1292

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 13271

Ion Ratio Lower Upper

75 100

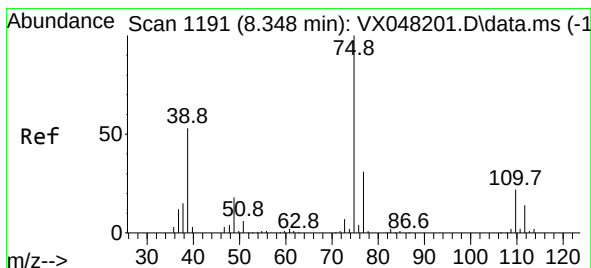
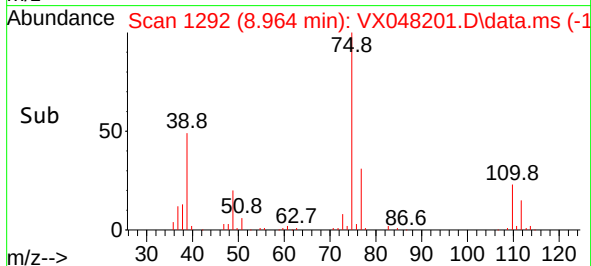
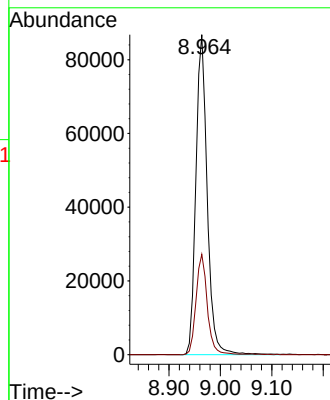
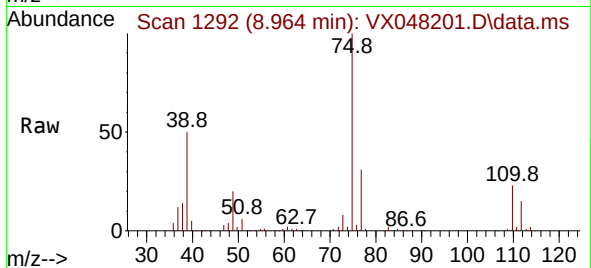
77 31.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#54

cis-1,3-Dichloropropene

Concen: 52.875 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

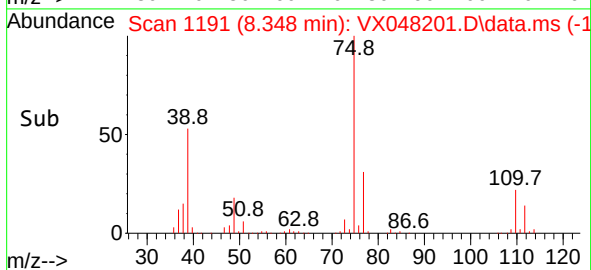
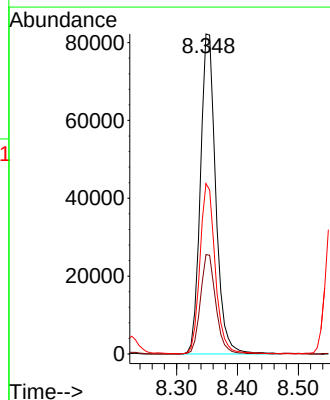
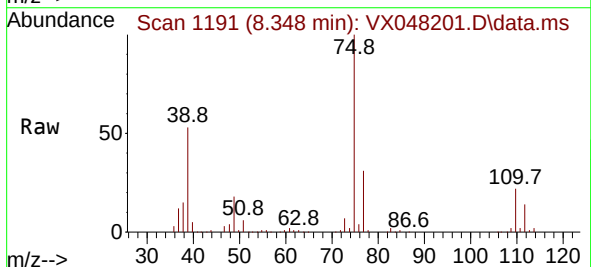
Tgt Ion: 75 Resp: 144189

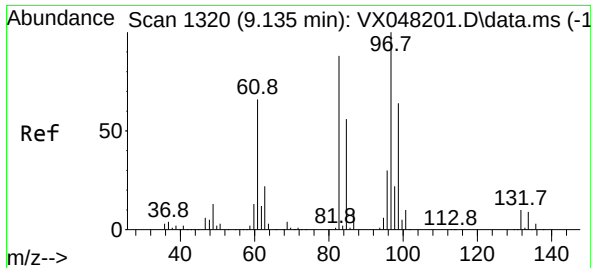
Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3

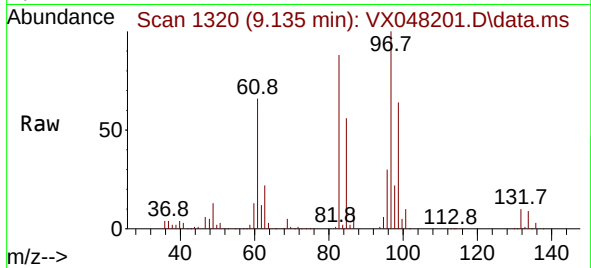
39 53.3 42.6 64.0





#55
 1,1,2-Trichloroethane
 Concen: 51.449 ug/l
 RT: 9.135 min Scan# 1320
 Delta R.T. 0.000 min
 Lab File: VX048201.D
 Acq: 17 Oct 2025 09:55

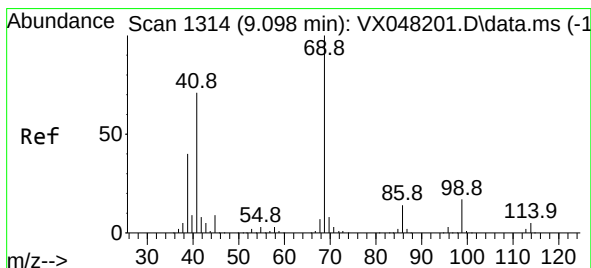
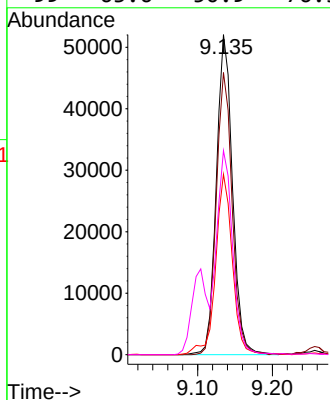
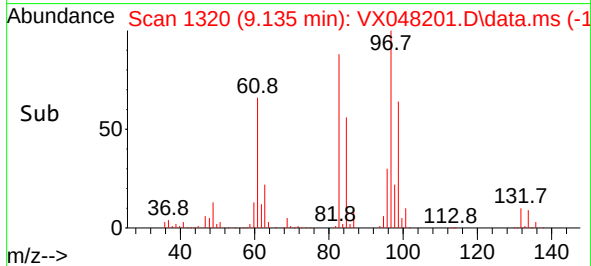
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



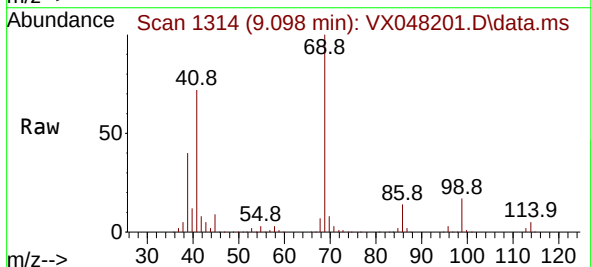
Tgt Ion: 97 Resp: 7829
 Ion Ratio Lower Upper
 97 100
 83 88.2 70.6 105.8
 85 56.3 45.0 67.6
 99 63.6 50.9 76.3

Manual Integrations
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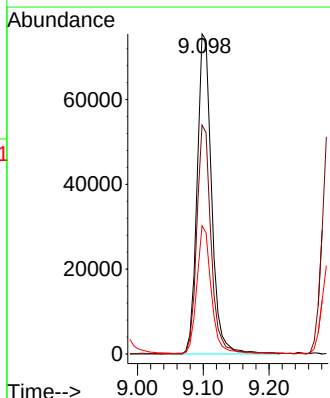
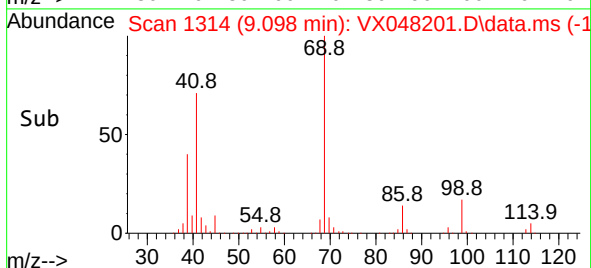
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

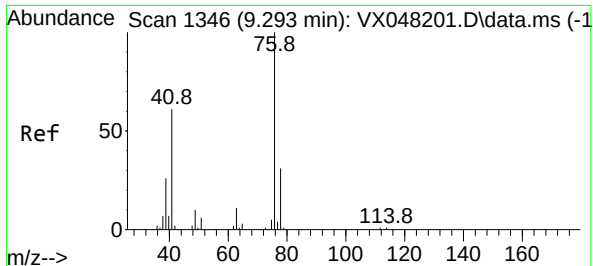


#56
 Ethyl methacrylate
 Concen: 55.800 ug/l
 RT: 9.098 min Scan# 1314
 Delta R.T. 0.000 min
 Lab File: VX048201.D
 Acq: 17 Oct 2025 09:55



Tgt Ion: 69 Resp: 115491
 Ion Ratio Lower Upper
 69 100
 41 70.0 56.0 84.0
 39 39.5 31.6 47.4





#57

1,3-Dichloropropane

Concen: 51.742 ug/l

RT: 9.293 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 13756

Ion Ratio Lower Upper

76 100

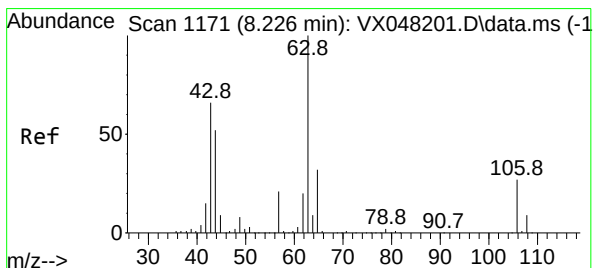
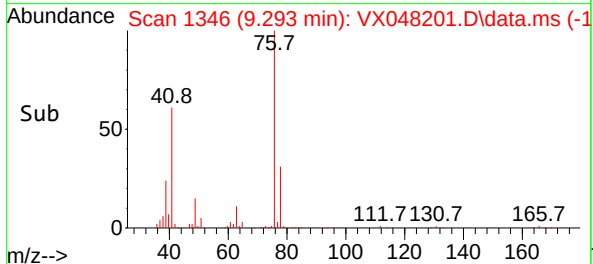
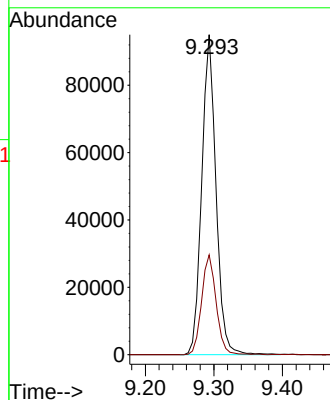
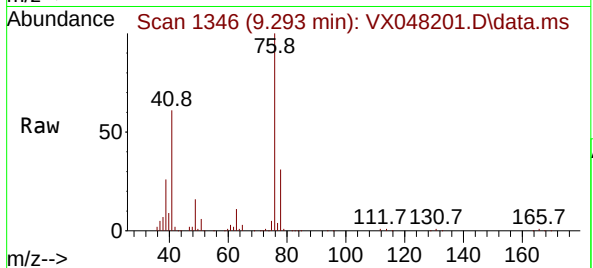
78 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 237.498 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048201.D

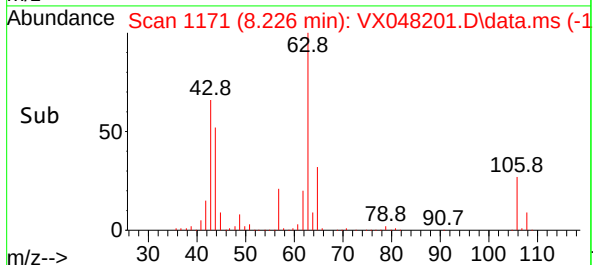
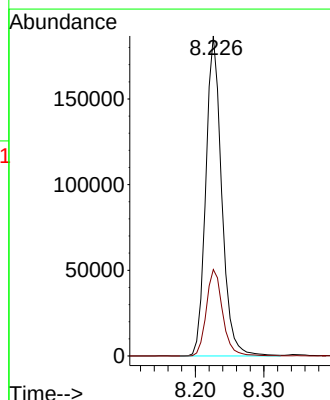
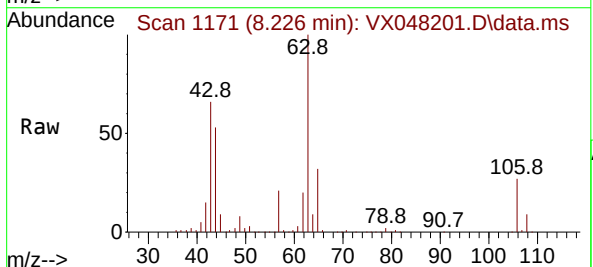
Acq: 17 Oct 2025 09:55

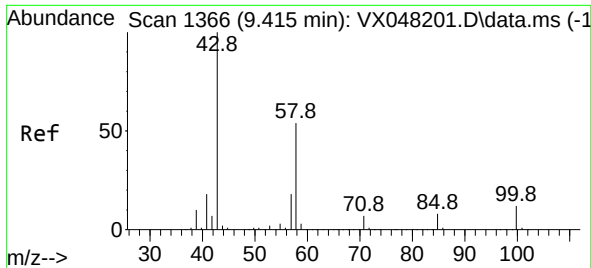
Tgt Ion: 63 Resp: 301874

Ion Ratio Lower Upper

63 100

106 27.7 22.2 33.2





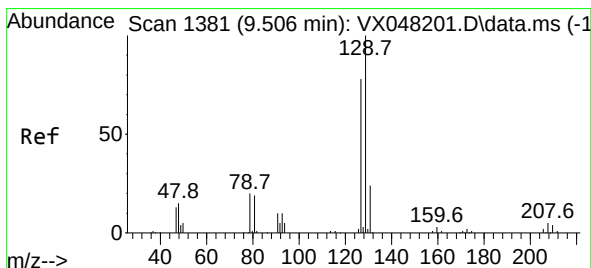
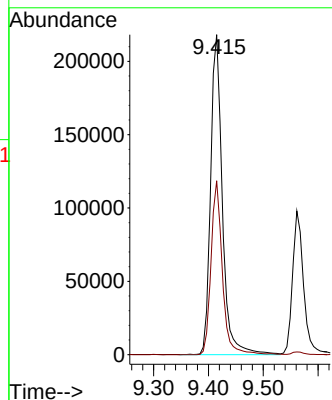
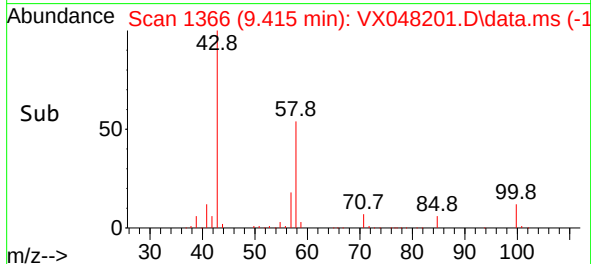
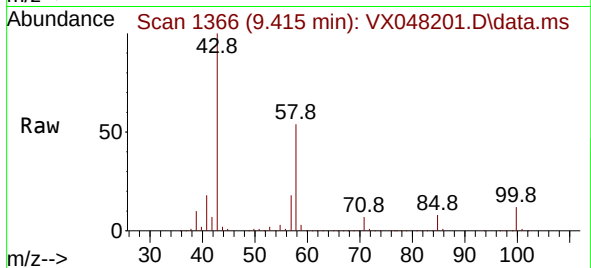
#59
2-Hexanone
Concen: 271.214 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 323629
Ion Ratio Lower Upper
43 100
58 52.5 26.3 78.8

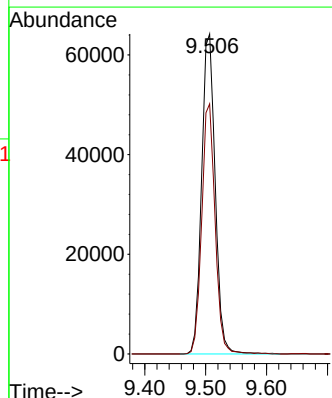
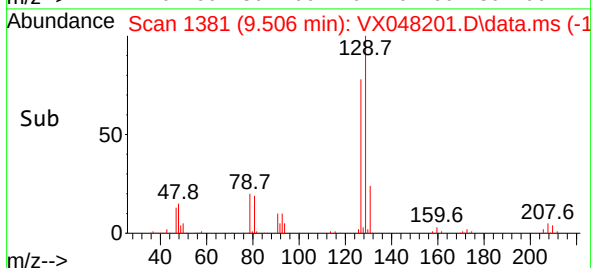
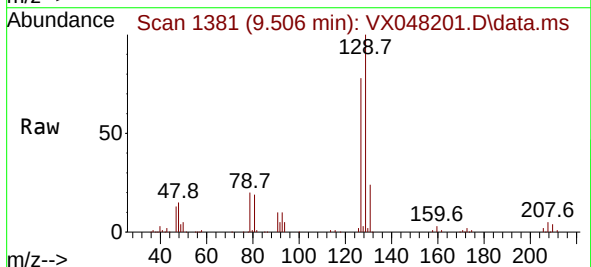
Manual Integrations
APPROVED

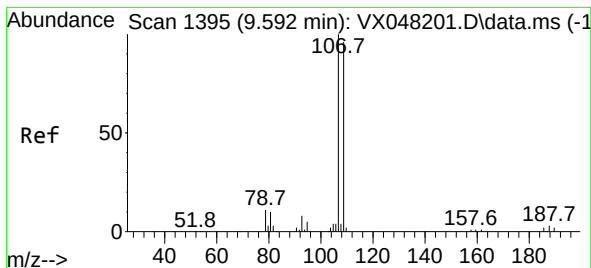
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#60
Dibromochloromethane
Concen: 52.070 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Tgt Ion:129 Resp: 99180
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7





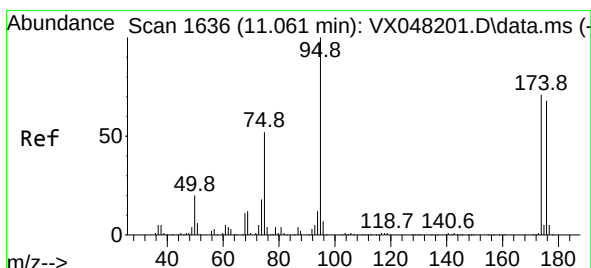
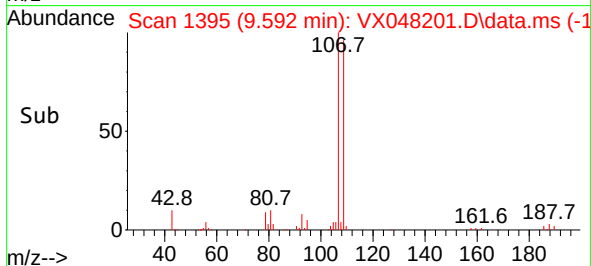
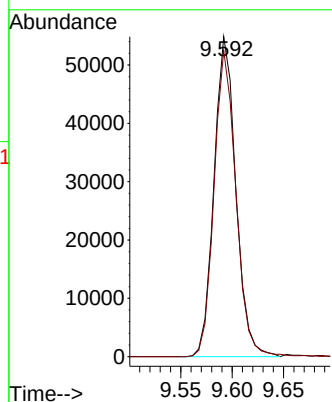
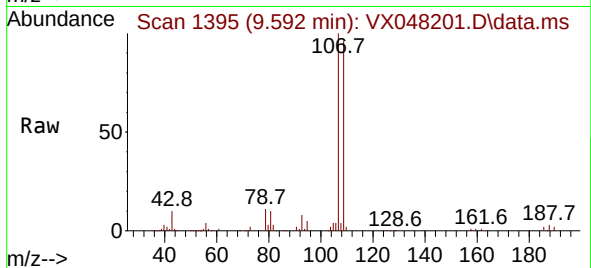
#61
1,2-Dibromoethane
Concen: 51.792 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 80814
Ion Ratio Lower Upper
107 100
109 96.2 77.0 115.4

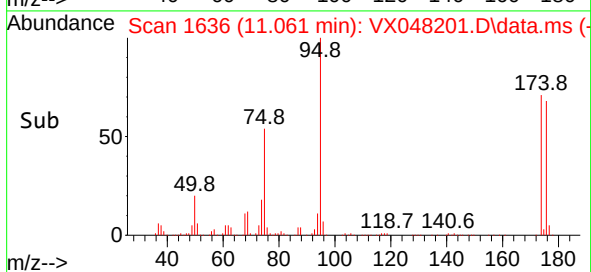
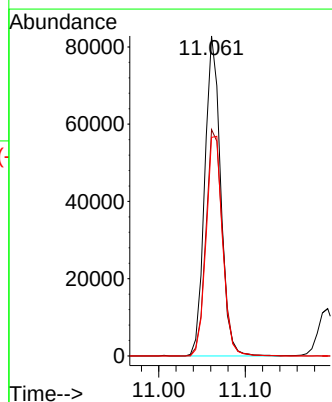
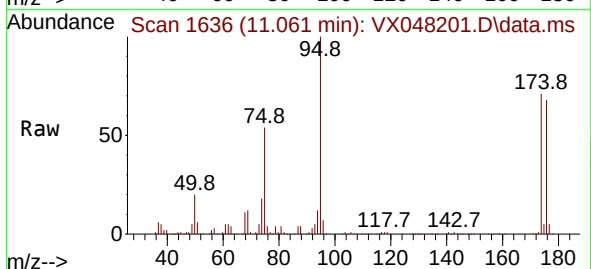
Manual Integrations
APPROVED

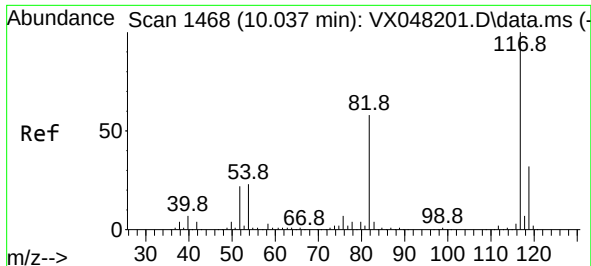
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#62
4-Bromofluorobenzene
Concen: 49.416 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

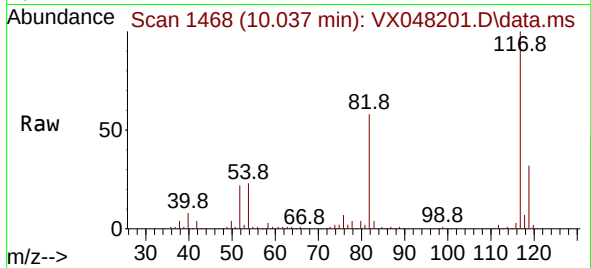
Tgt Ion: 95 Resp: 105186
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.8
176 71.4 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

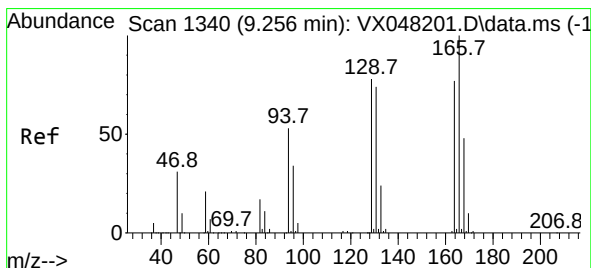
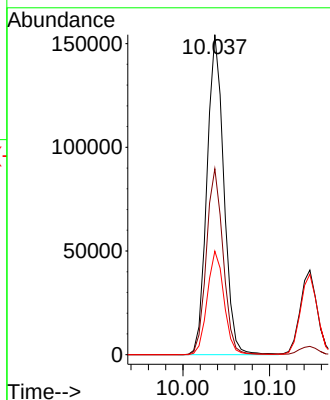
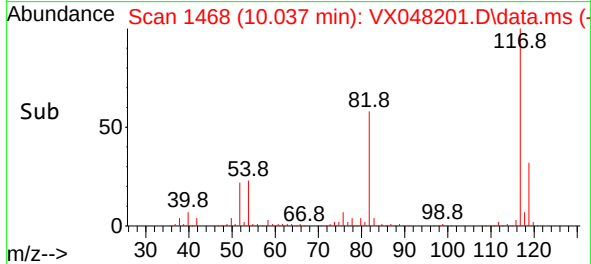
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 208719
Ion Ratio Lower Upper
117 100
82 58.1 46.5 69.7
119 32.4 25.9 38.9

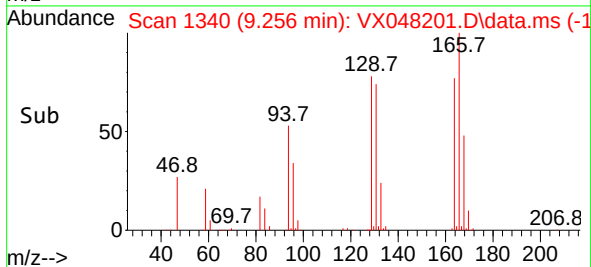
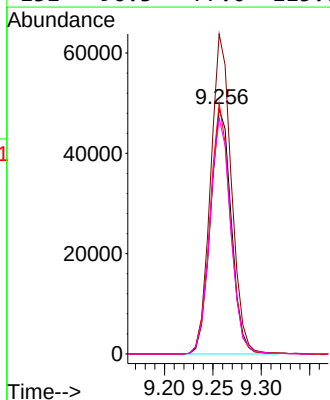
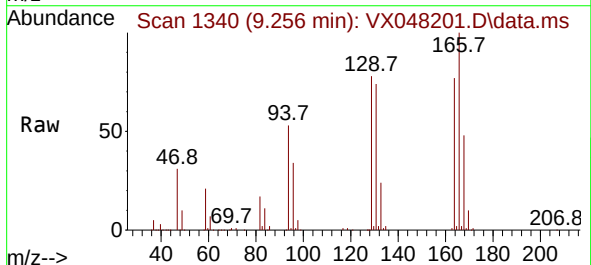
Manual Integrations
APPROVED

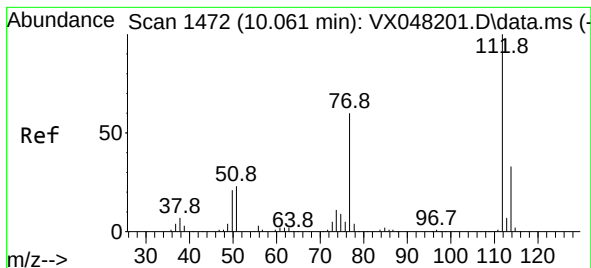
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#64
Tetrachloroethene
Concen: 49.965 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

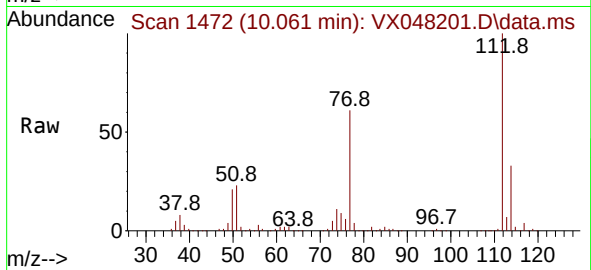
Tgt Ion:164 Resp: 73122
Ion Ratio Lower Upper
164 100
166 130.6 104.5 156.7
129 102.2 81.8 122.6
131 96.3 77.0 115.6





#65
Chlorobenzene
Concen: 51.440 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

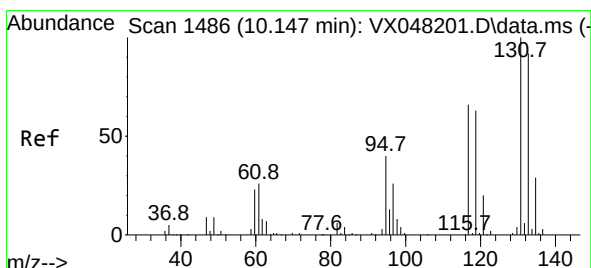
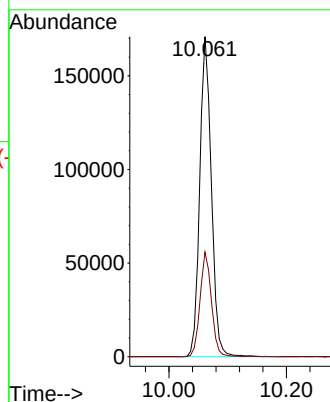
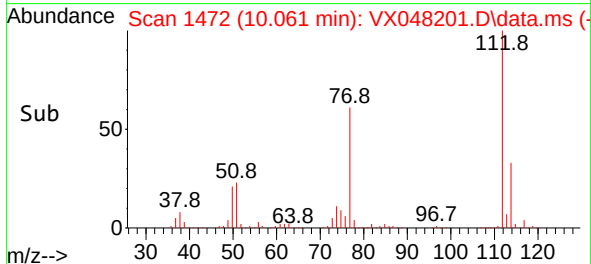
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



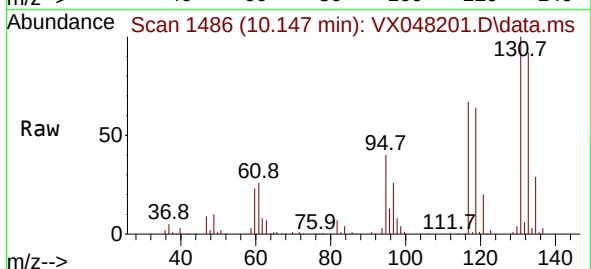
Tgt Ion:112 Resp: 234754
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2

Manual Integrations
APPROVED

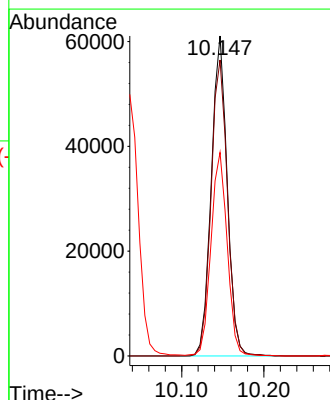
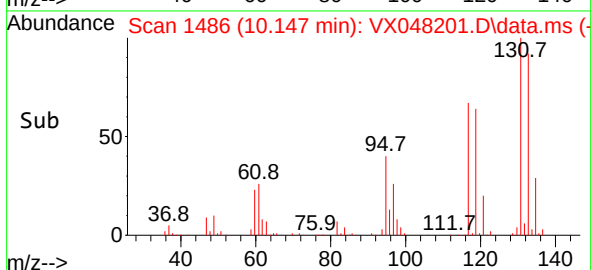
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

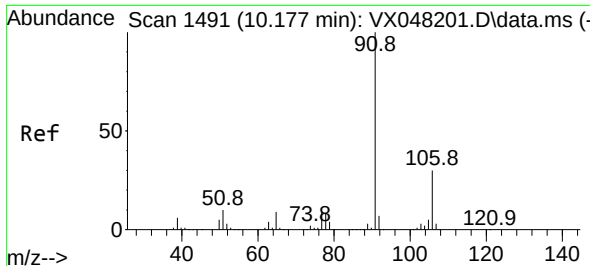


#66
1,1,1,2-Tetrachloroethane
Concen: 50.061 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55



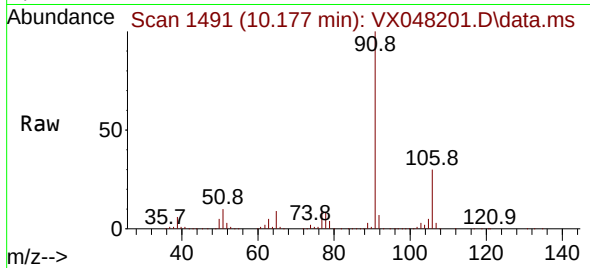
Tgt Ion:131 Resp: 82328
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 65.0 32.5 97.5





#67
Ethyl Benzene
Concen: 52.808 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

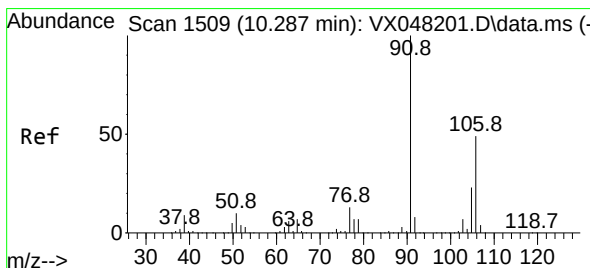
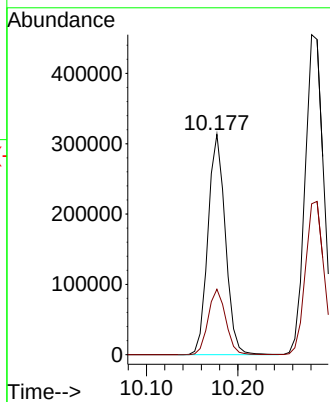
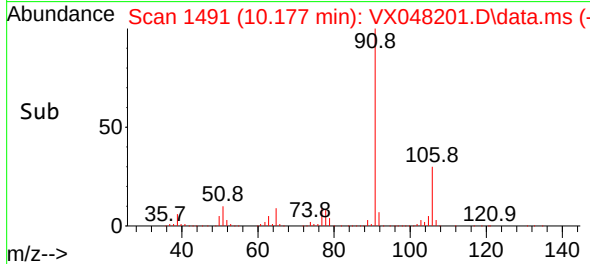
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



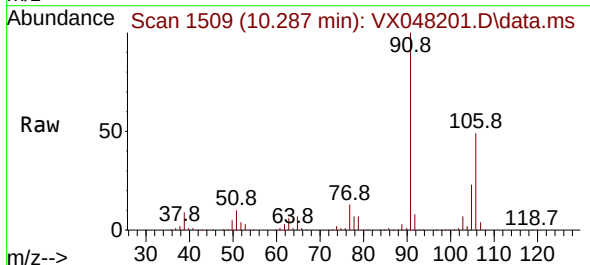
Tgt Ion: 91 Resp: 41316
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6

Manual Integrations
APPROVED

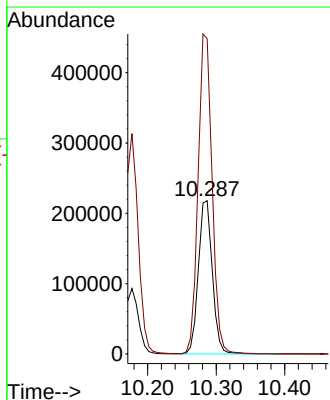
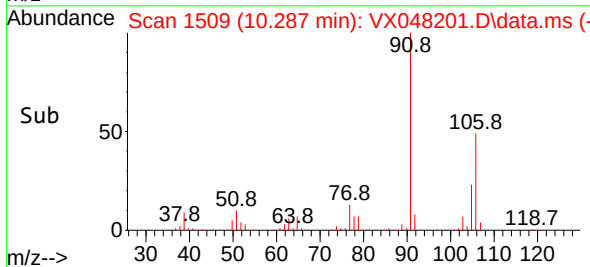
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

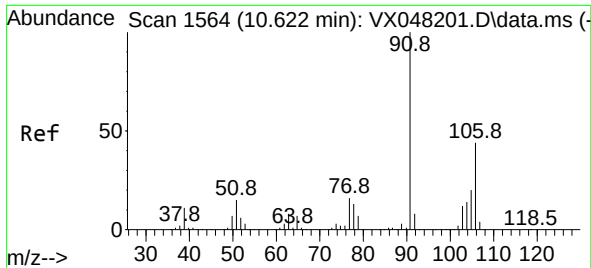


#68
m/p-Xylenes
Concen: 106.125 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55



Tgt Ion:106 Resp: 309325
Ion Ratio Lower Upper
106 100
91 209.9 167.9 251.9





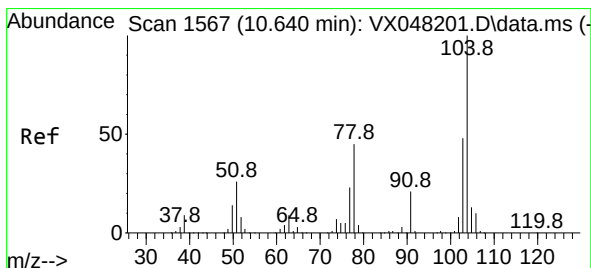
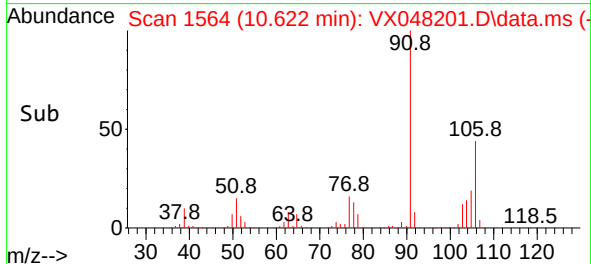
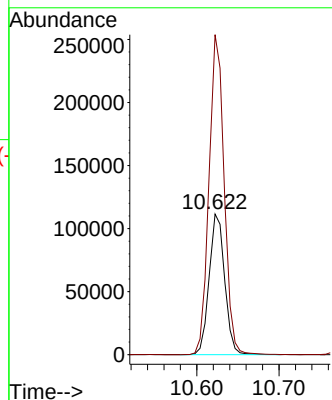
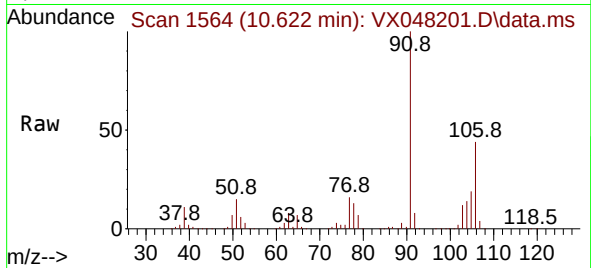
#69
o-Xylene
Concen: 53.330 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 146328
Ion Ratio Lower Upper
106 100
91 222.6 111.3 333.9

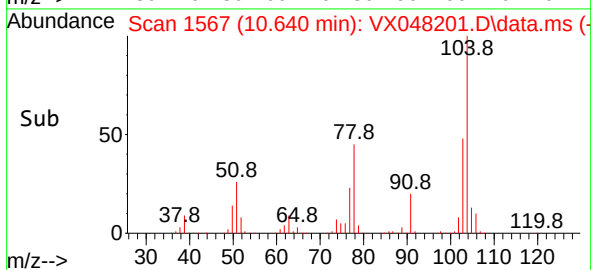
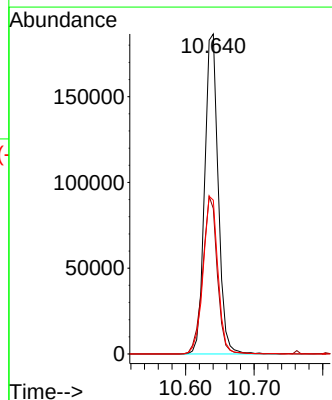
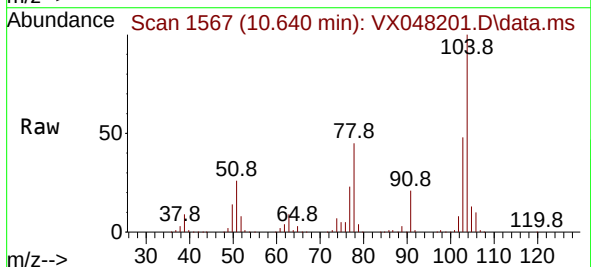
Manual Integrations
APPROVED

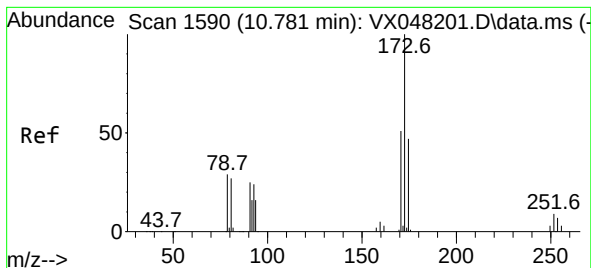
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#70
Styrene
Concen: 54.486 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

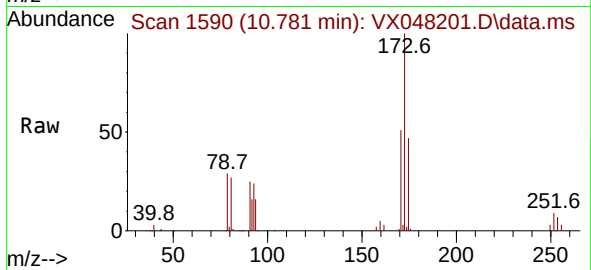
Tgt Ion:104 Resp: 257332
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 53.7 43.0 64.4





#71
Bromoform
Concen: 51.573 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

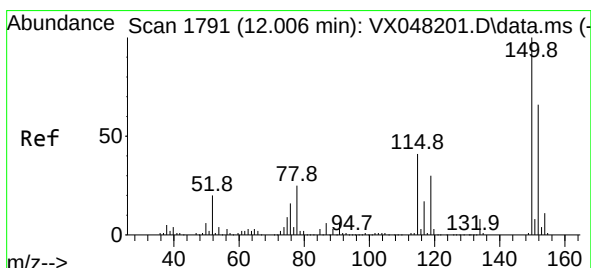
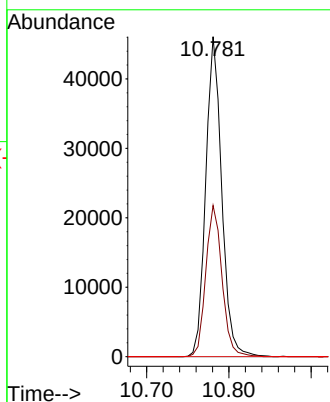
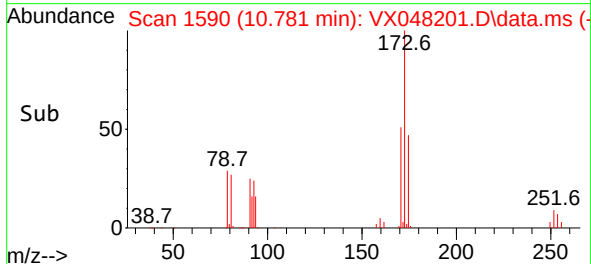
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



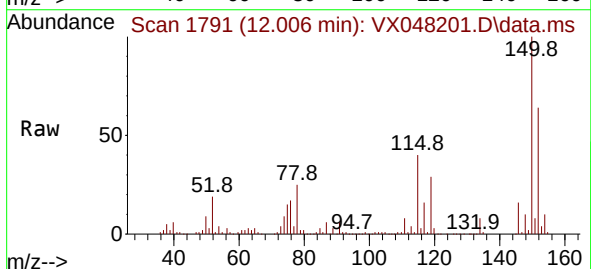
Tgt Ion:173 Resp: 6228
Ion Ratio Lower Upper
173 100
175 48.0 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

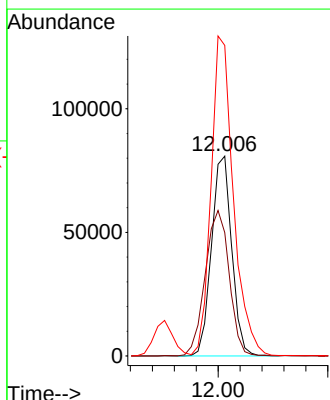
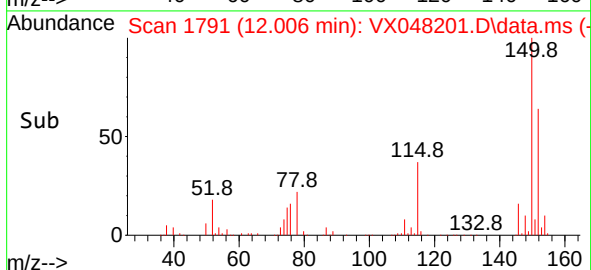
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

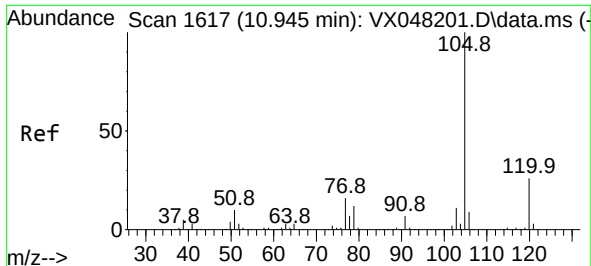


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55



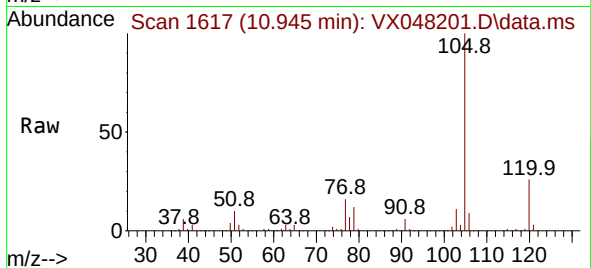
Tgt Ion:152 Resp: 103673
Ion Ratio Lower Upper
152 100
115 86.3 43.1 129.4
150 176.5 0.0 353.0





#73
Isopropylbenzene
Concen: 53.140 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

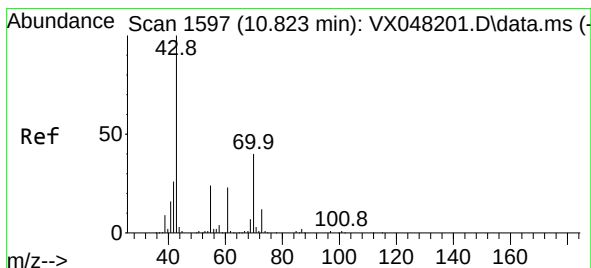
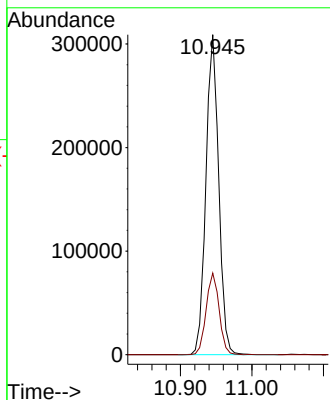
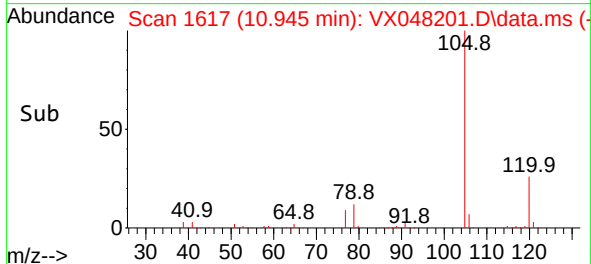
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 383184
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9

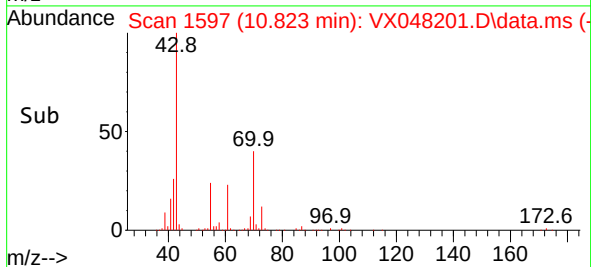
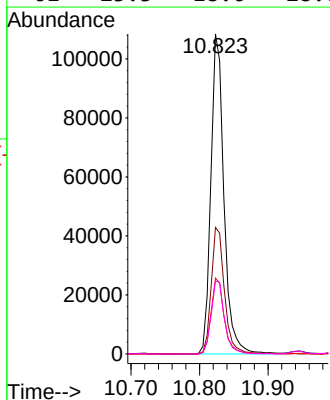
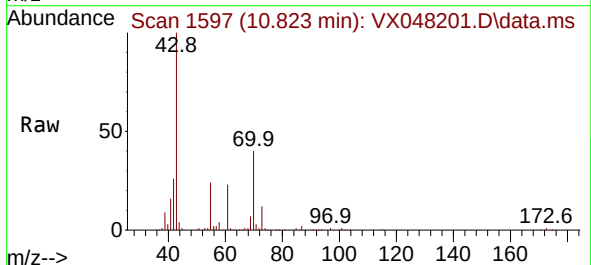
Manual Integrations
APPROVED

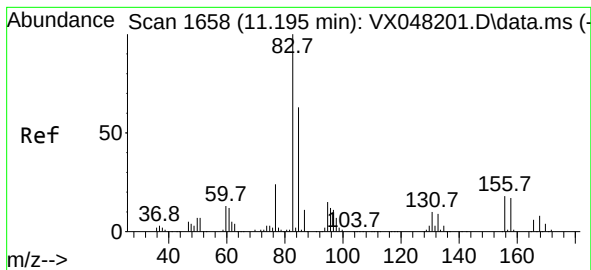
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#74
N-ethyl acetate
Concen: 53.500 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

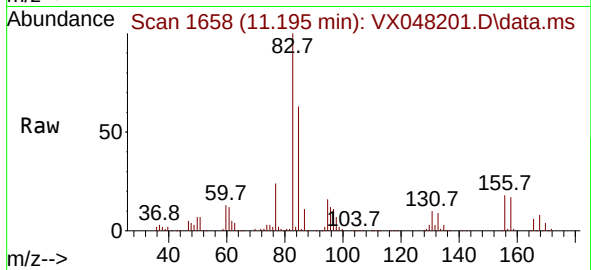
Tgt Ion: 43 Resp: 143916
Ion Ratio Lower Upper
43 100
70 40.2 32.2 48.2
55 23.9 19.1 28.7
61 23.3 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 51.513 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

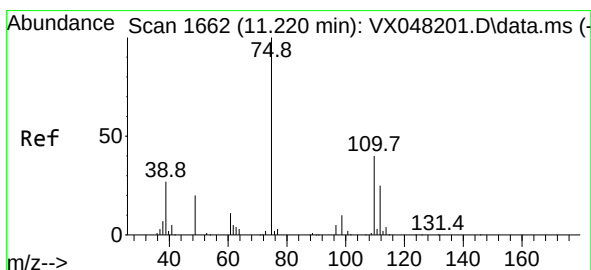
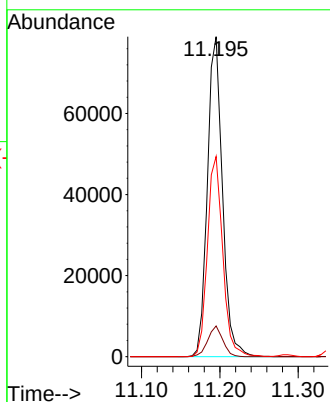
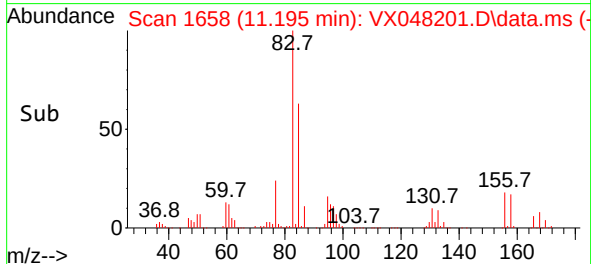
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



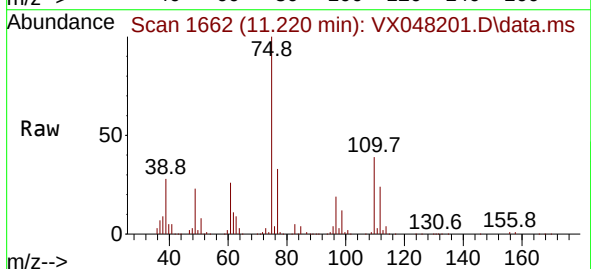
Tgt Ion: 83 Resp: 105230
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 63.8 31.9 95.7

Manual Integrations
APPROVED

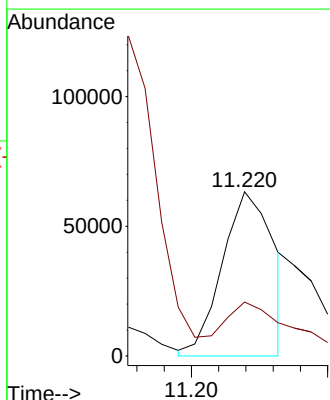
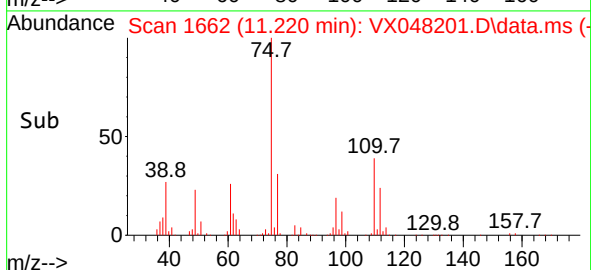
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

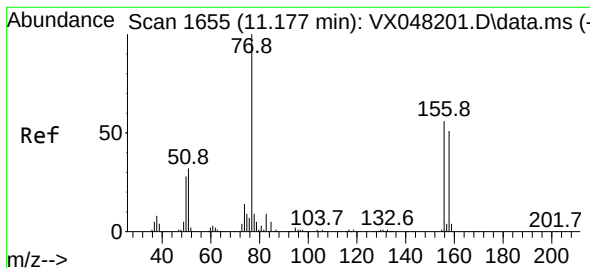


#76
1,2,3-Trichloropropane
Concen: 52.482 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55



Tgt Ion: 75 Resp: 83086
Ion Ratio Lower Upper
75 100
77 44.8 22.4 67.2





#77

Bromobenzene

Concen: 51.377 ug/l

RT: 11.177 min Scan# 1655

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

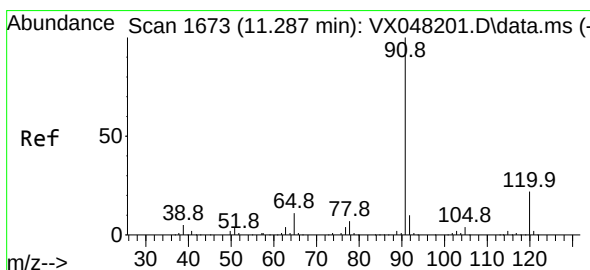
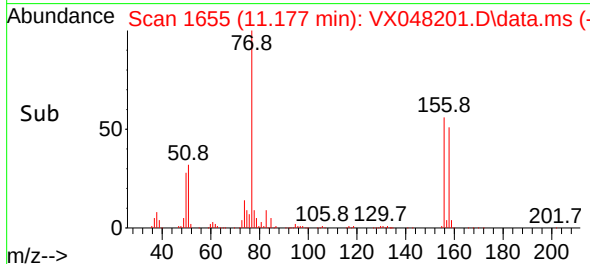
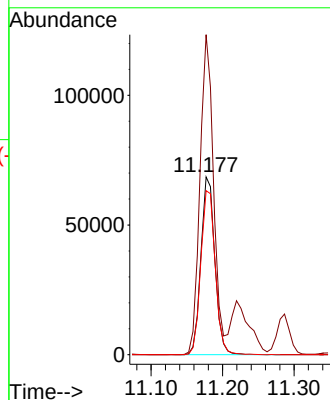
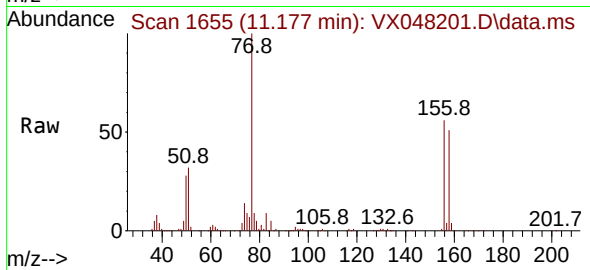
Tgt Ion:	156	Resp:	92708
Ion Ratio	Lower	Upper	
156	100		
77	174.0	87.0	261.0
158	95.6	47.8	143.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#78

n-propylbenzene

Concen: 52.775 ug/l

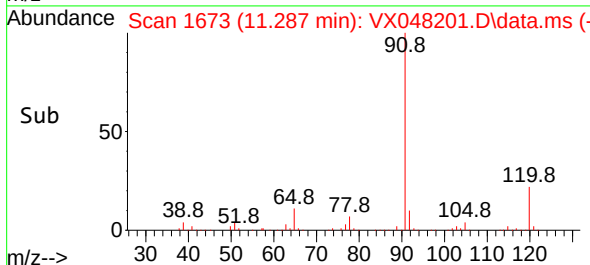
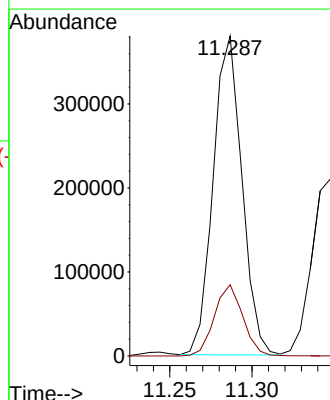
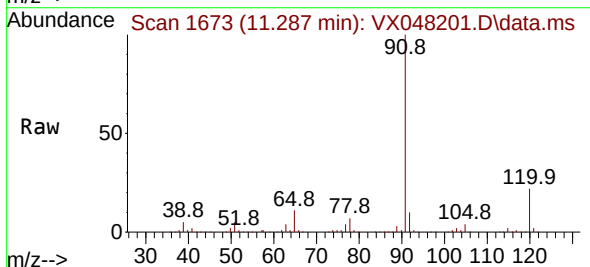
RT: 11.287 min Scan# 1673

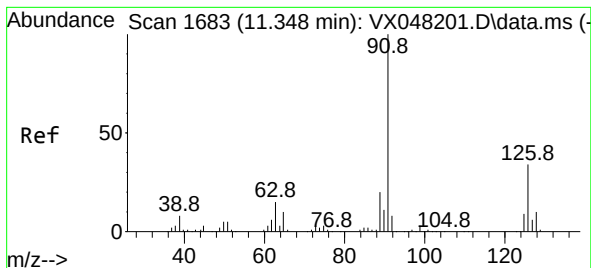
Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Tgt Ion:	91	Resp:	461479
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.1	33.1





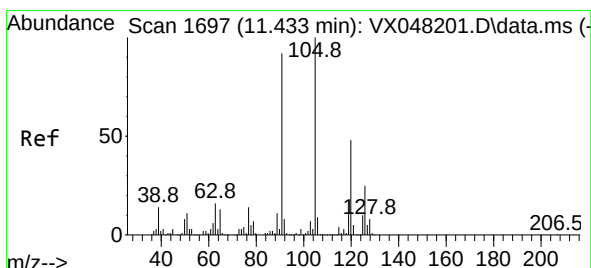
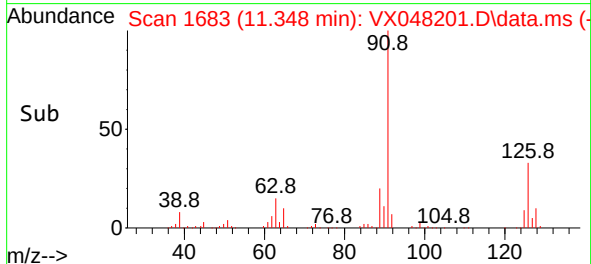
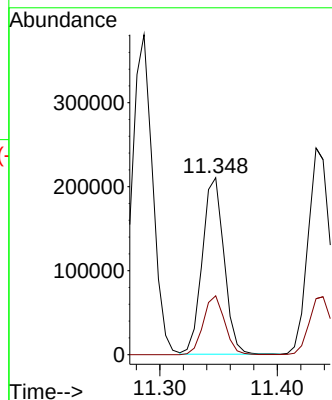
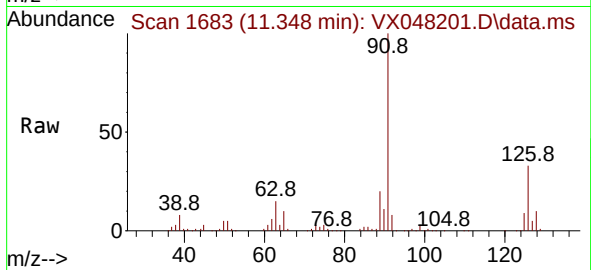
#79
2-Chlorotoluene
Concen: 51.065 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 269780
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4

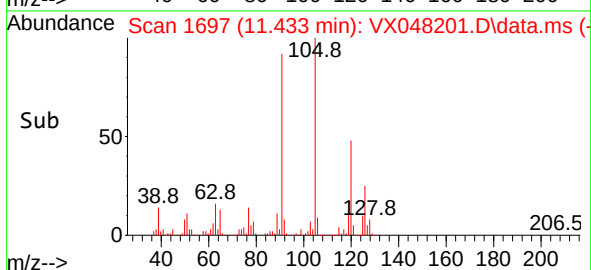
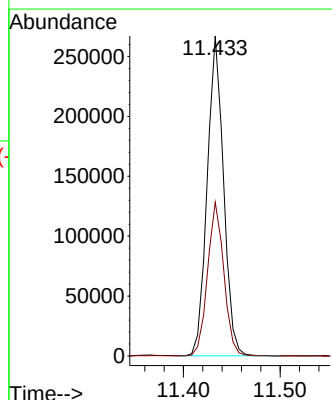
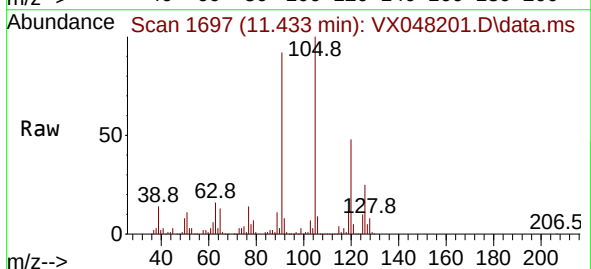
Manual Integrations
APPROVED

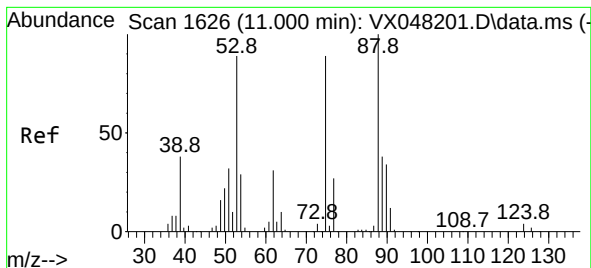
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.099 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

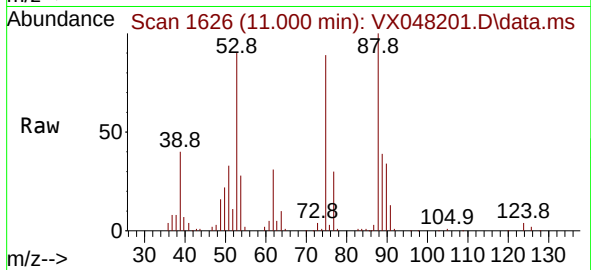
Tgt Ion:105 Resp: 314287
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 52.874 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

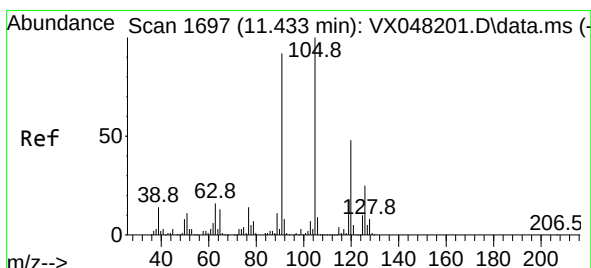
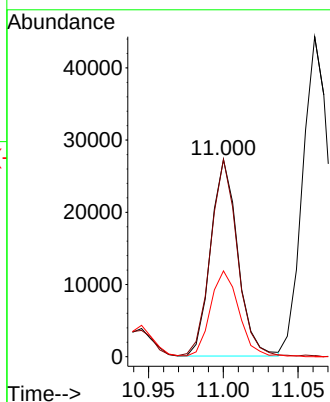
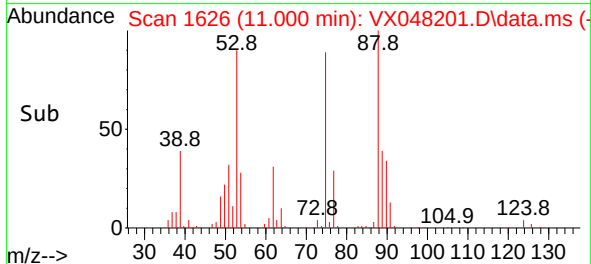
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



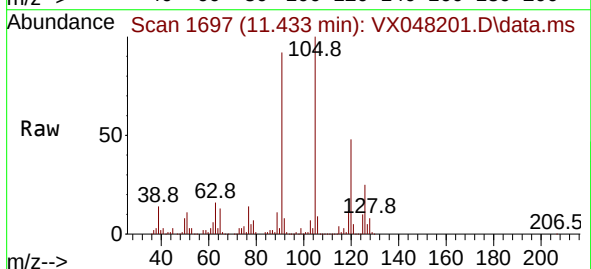
Tgt Ion: 75 Resp: 3418
Ion Ratio Lower Upper
75 100
53 99.4 79.5 119.3
89 46.0 36.8 55.2

Manual Integrations
APPROVED

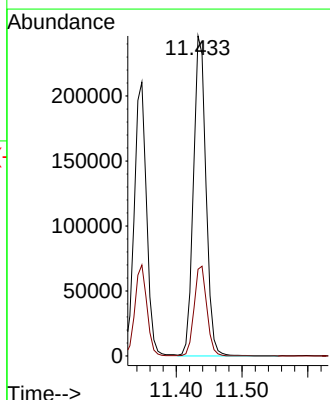
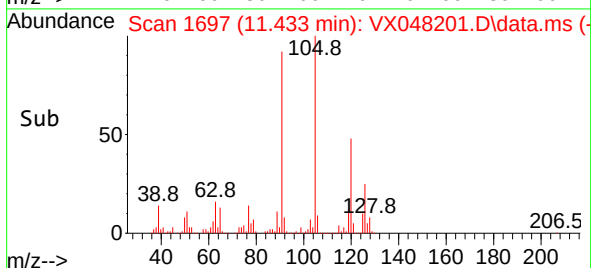
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

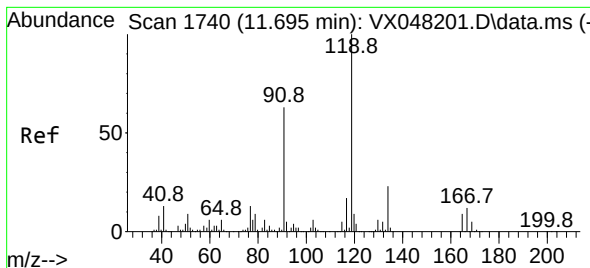


#82
4-Chlorotoluene
Concen: 52.395 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55



Tgt Ion: 91 Resp: 325295
Ion Ratio Lower Upper
91 100
126 28.3 14.1 42.4





#83

tert-Butylbenzene

Concen: 51.367 ug/l

RT: 11.695 min Scan# 1740

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 30716

Ion Ratio Lower Upper

119 100

91 60.7 30.3 91.0

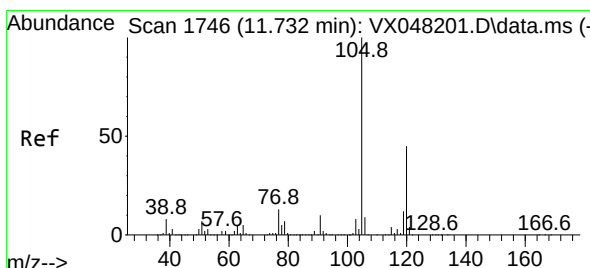
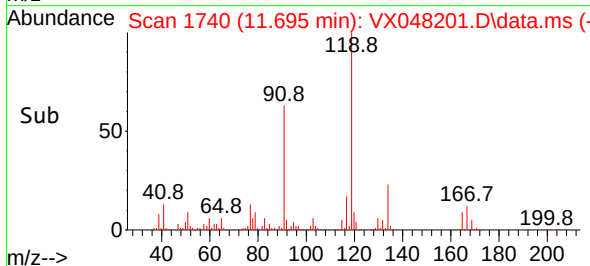
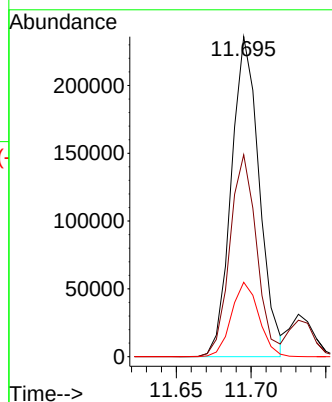
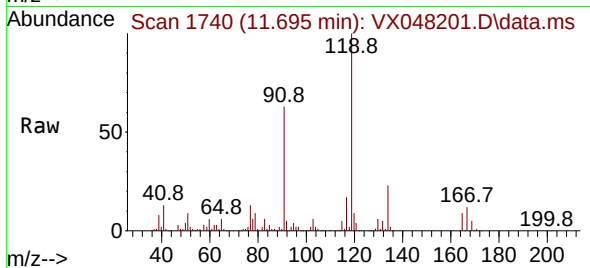
134 22.8 11.4 34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#84

1,2,4-Trimethylbenzene

Concen: 53.732 ug/l

RT: 11.732 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VX048201.D

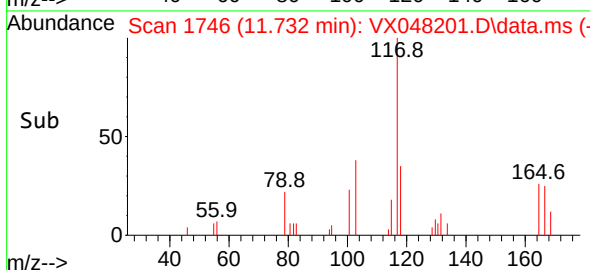
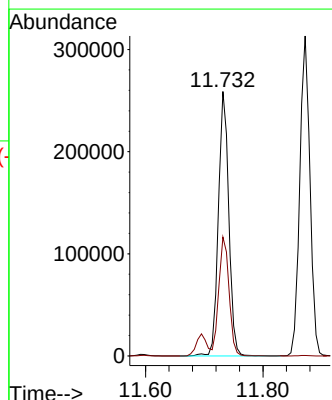
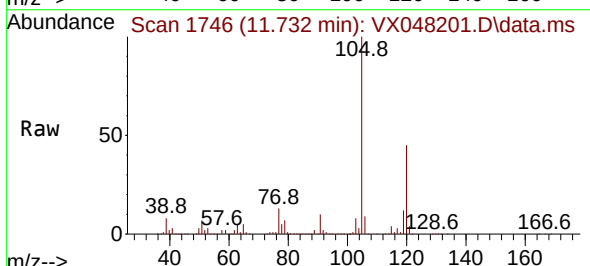
Acq: 17 Oct 2025 09:55

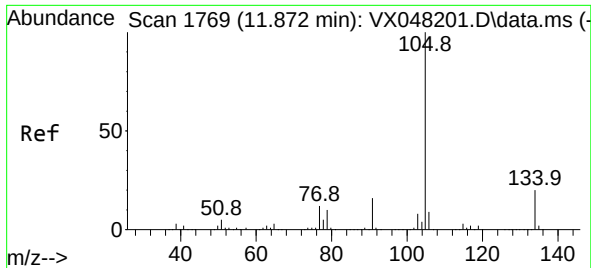
Tgt Ion:105 Resp: 316687

Ion Ratio Lower Upper

105 100

120 44.3 22.1 66.5





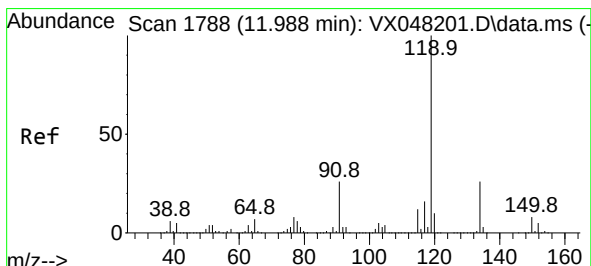
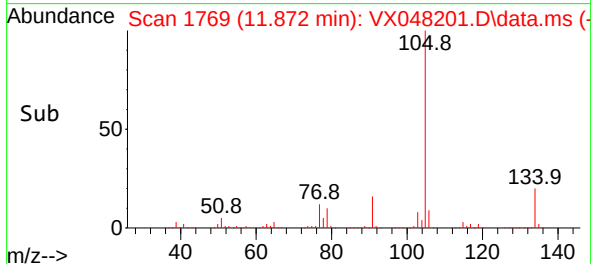
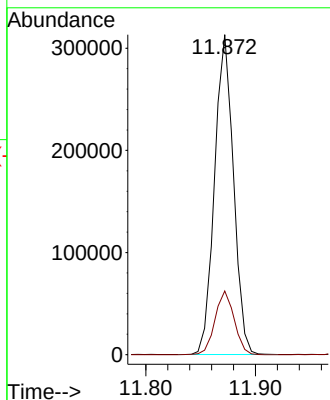
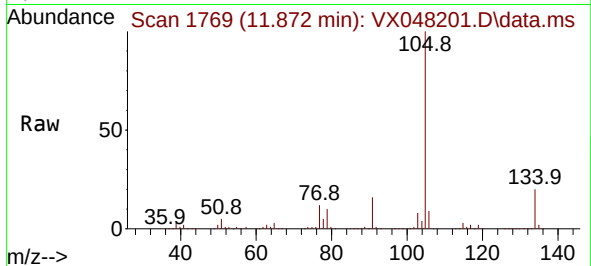
#85
 sec-Butylbenzene
 Concen: 51.411 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VX048201.D
 Acq: 17 Oct 2025 09:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 37583
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1

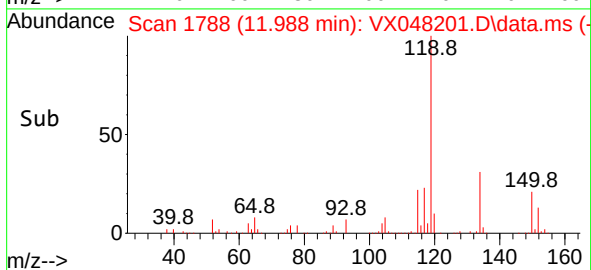
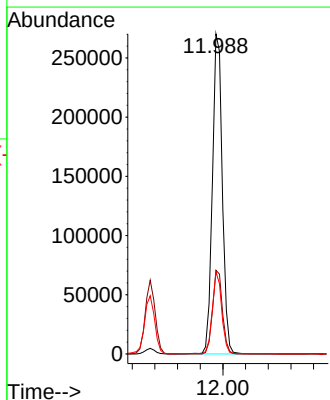
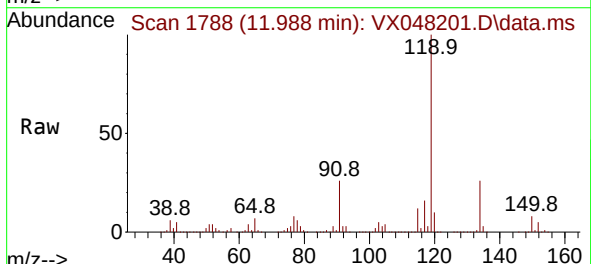
Manual Integrations
 APPROVED

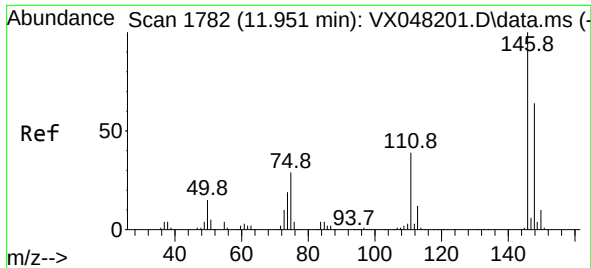
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025



#86
 p-Isopropyltoluene
 Concen: 53.044 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: VX048201.D
 Acq: 17 Oct 2025 09:55

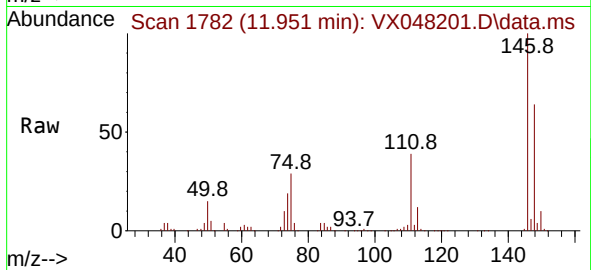
Tgt Ion:119 Resp: 326853
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.2 12.1 36.3





#87
 1,3-Dichlorobenzene
 Concen: 51.652 ug/l
 RT: 11.951 min Scan# 1782
 Delta R.T. 0.000 min
 Lab File: VX048201.D
 Acq: 17 Oct 2025 09:55

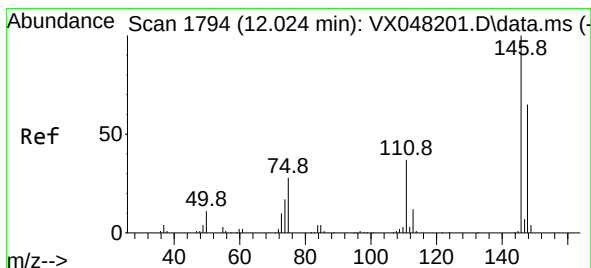
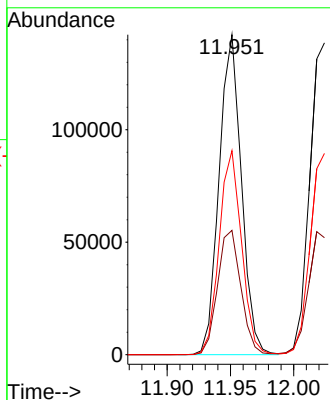
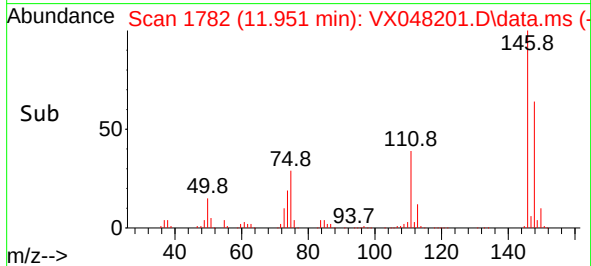
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



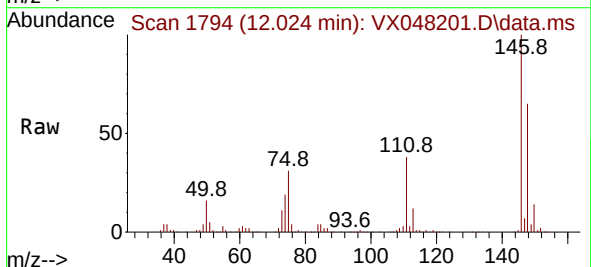
Tgt Ion:146 Resp: 17430
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.4 61.2
 148 63.9 31.9 95.9

Manual Integrations
 APPROVED

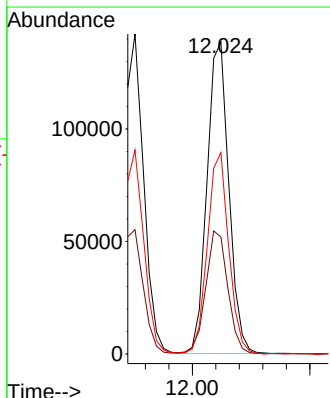
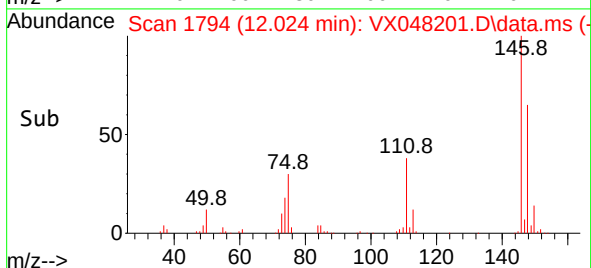
Reviewed By :John Carlone 10/20/2025
 Supervised By :Mahesh Dadoda 10/20/2025

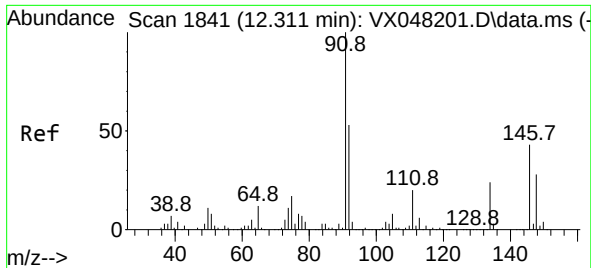


#88
 1,4-Dichlorobenzene
 Concen: 50.909 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX048201.D
 Acq: 17 Oct 2025 09:55



Tgt Ion:146 Resp: 178082
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.2
 148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 52.723 ug/l

RT: 12.311 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

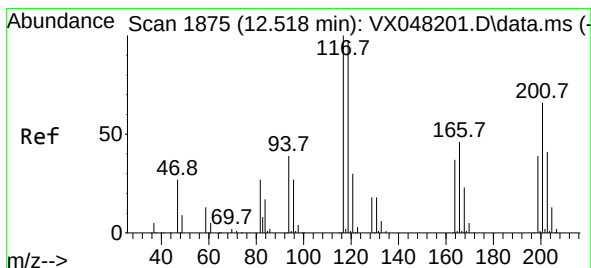
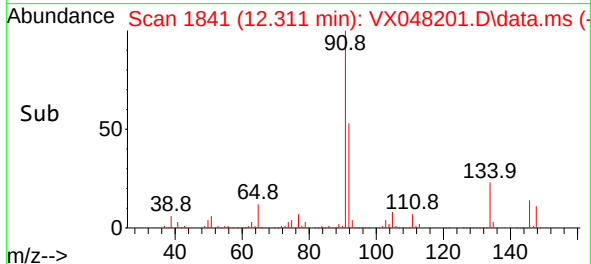
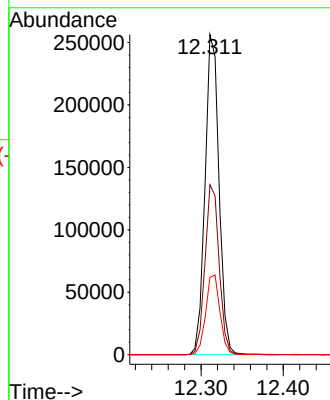
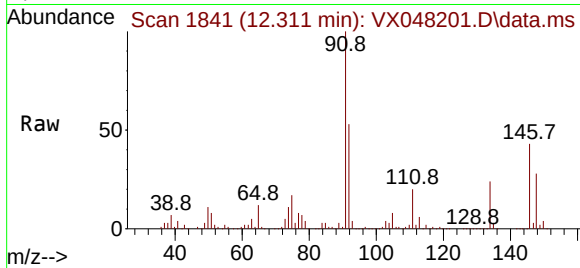
Tgt Ion: 91 Resp: 30259
 Ion Ratio Lower Upper
 91 100
 92 53.7 26.9 80.6
 134 25.4 12.7 38.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#90

Hexachloroethane

Concen: 49.815 ug/l

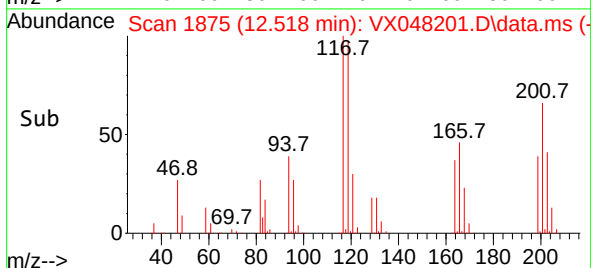
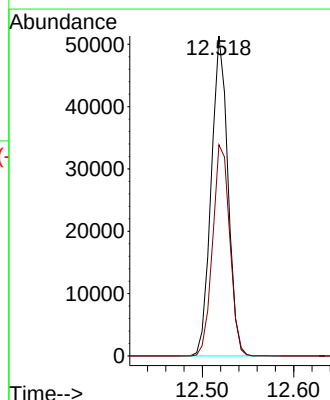
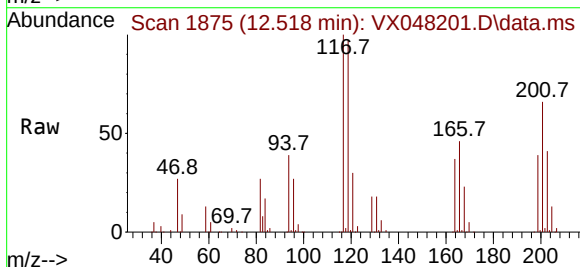
RT: 12.518 min Scan# 1875

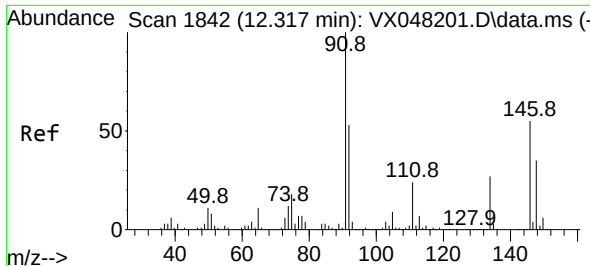
Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

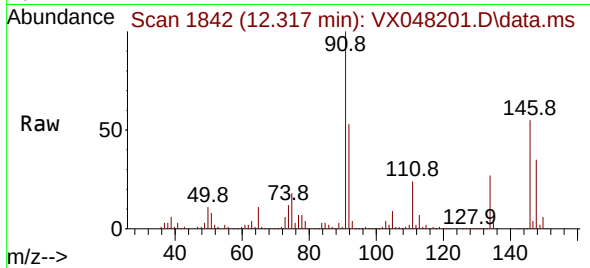
Tgt Ion:117 Resp: 64788
 Ion Ratio Lower Upper
 117 100
 201 68.1 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 52.135 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

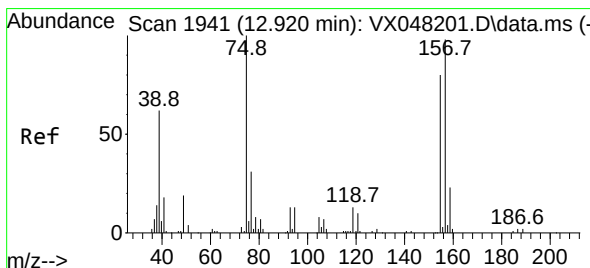
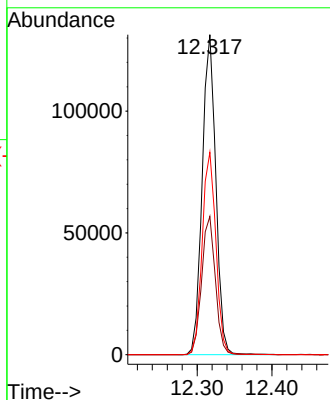
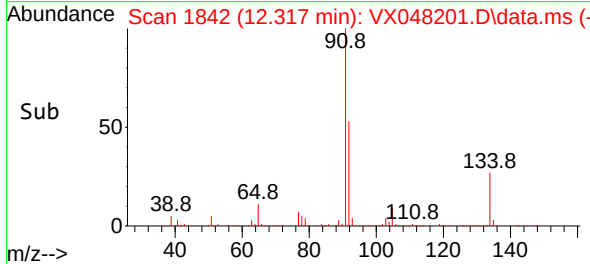
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



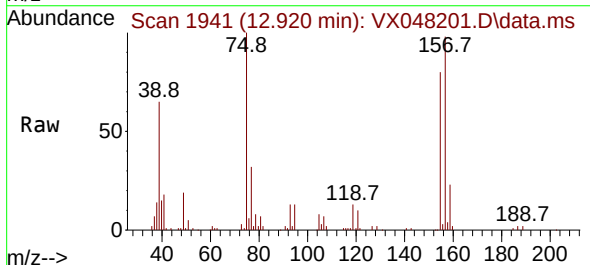
Tgt Ion:146 Resp: 166224
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.5
148 63.7 31.9 95.5

Manual Integrations
APPROVED

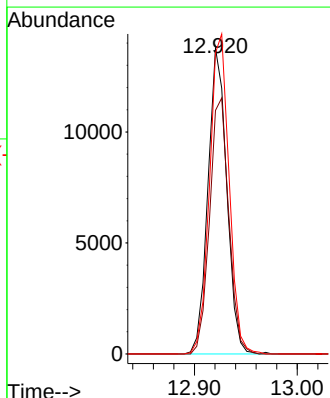
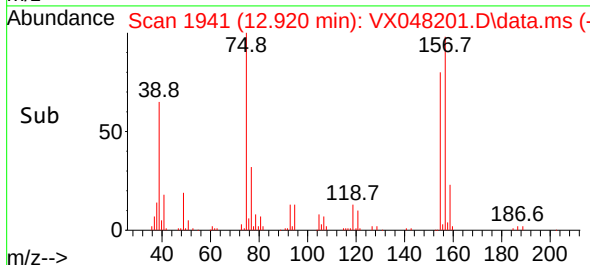
Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025

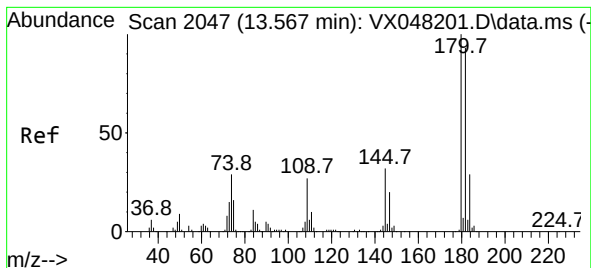


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.797 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55



Tgt Ion: 75 Resp: 17468
Ion Ratio Lower Upper
75 100
155 85.6 42.8 128.4
157 108.4 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 51.590 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

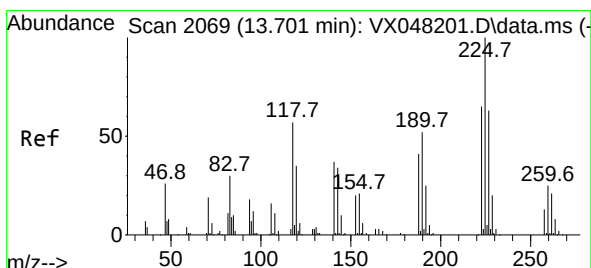
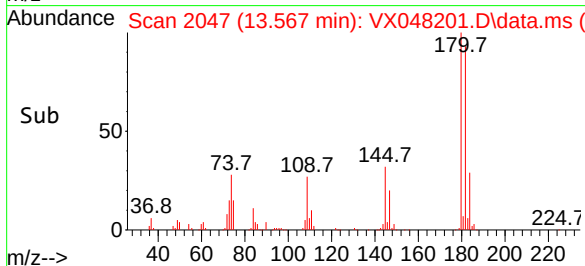
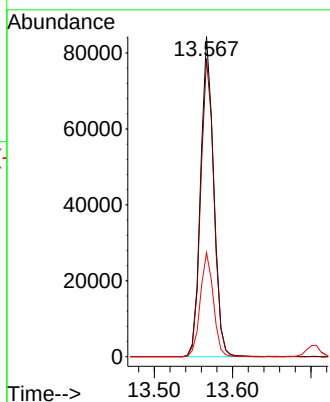
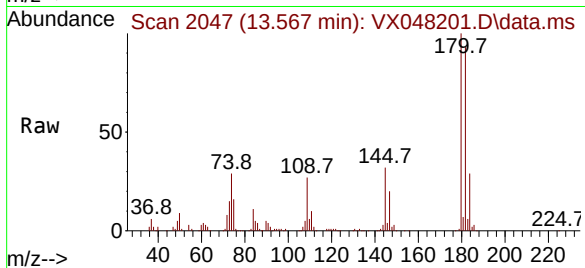
Tgt Ion:180	Resp:	9710
Ion Ratio	Lower	Upper
180	100	
182	94.7	47.3 142.0
145	32.6	16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2025

Supervised By :Mahesh Dadoda 10/20/2025



#94

Hexachlorobutadiene

Concen: 49.380 ug/l

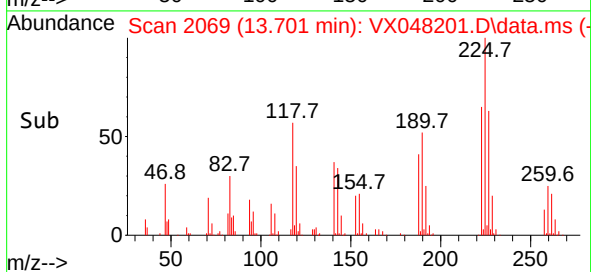
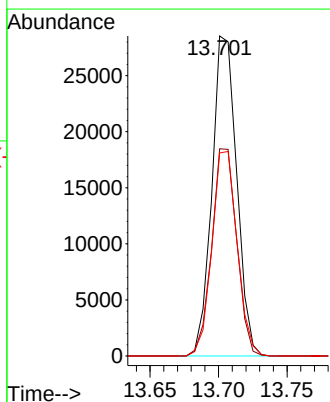
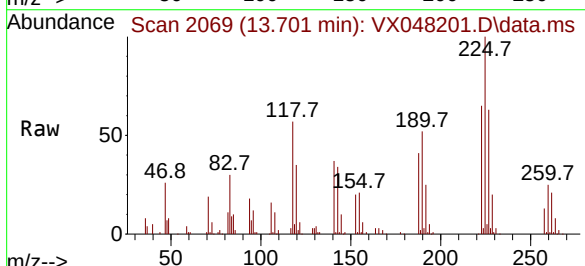
RT: 13.701 min Scan# 2069

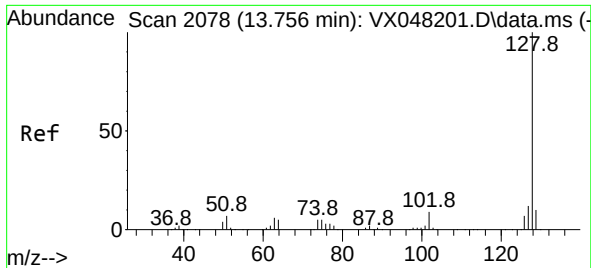
Delta R.T. 0.000 min

Lab File: VX048201.D

Acq: 17 Oct 2025 09:55

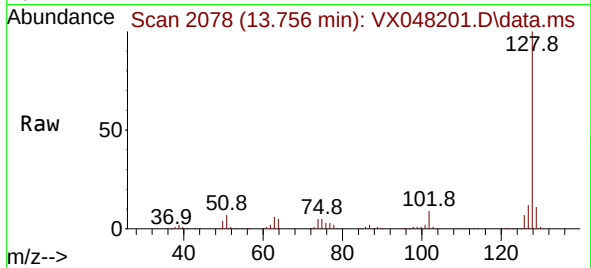
Tgt Ion:225	Resp:	35845
Ion Ratio	Lower	Upper
225	100	
223	65.1	32.6 97.7
227	64.9	32.5 97.4





#95
Naphthalene
Concen: 55.178 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55

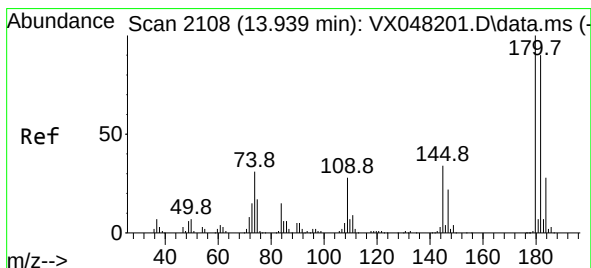
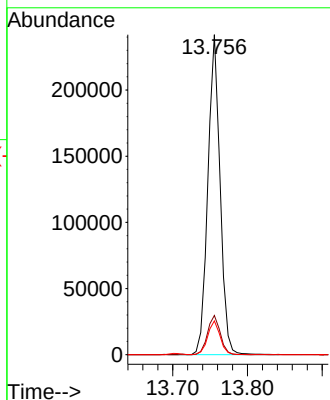
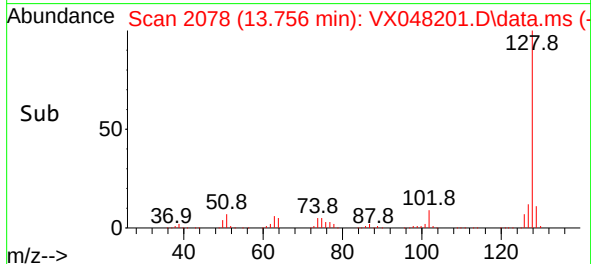
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



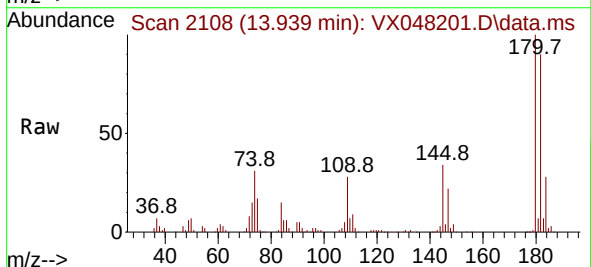
Tgt Ion:128 Resp: 27376
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/20/2025
Supervised By :Mahesh Dadoda 10/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.549 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VX048201.D
Acq: 17 Oct 2025 09:55



Tgt Ion:180 Resp: 94728
Ion Ratio Lower Upper
180 100
182 93.1 46.6 139.7
145 33.8 16.9 50.7

