

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102925\
 Data File : VX048411.D
 Acq On : 29 Oct 2025 12:43
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 30 02:21:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 02:16:32 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	136244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	237043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	210324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	104326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	198488	101.300	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 202.600%#			
35) Dibromofluoromethane	5.373	113	134096	99.222	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 198.440%#			
50) Toluene-d8	8.634	98	572267	95.926	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 191.860%#			
62) 4-Bromofluorobenzene	11.061	95	212629	95.278	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 190.560%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	137281	98.781	ug/l	94
3) Chloromethane	1.300	50	74538	95.062	ug/l	99
4) Vinyl Chloride	1.380	62	184353	101.782	ug/l	100
5) Bromomethane	1.611	94	64623	98.767	ug/l	96
6) Chloroethane	1.691	64	108537	100.762	ug/l	96
7) Trichlorofluoromethane	1.898	101	274205	98.791	ug/l	100
8) Diethyl Ether	2.136	74	108025	107.685	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.337	101	153910	98.581	ug/l	98
10) Methyl Iodide	2.459	142	666054	106.094	ug/l	98
11) Tert butyl alcohol	2.940	59	82628	550.424	ug/l	99
12) 1,1-Dichloroethene	2.325	96	160970	101.505	ug/l	94
13) Acrolein	2.233	56	174355	556.434	ug/l	98
14) Allyl chloride	2.666	41	274038	102.042	ug/l	98
15) Acrylonitrile	3.056	53	370003	541.798	ug/l	100
16) Acetone	2.373	43	239424	539.138	ug/l	99
17) Carbon Disulfide	2.514	76	427175	93.947	ug/l	100
18) Methyl Acetate	2.697	43	166666	112.212	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	538203	105.981	ug/l	99
20) Methylene Chloride	2.788	84	177343	103.597	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	172196	102.229	ug/l	97
22) Diisopropyl ether	3.751	45	585908	106.589	ug/l	89
23) Vinyl Acetate	3.715	43	1870693	499.934	ug/l	98
24) 1,1-Dichloroethane	3.605	63	324304	103.957	ug/l	99
25) 2-Butanone	4.544	43	391216	551.449	ug/l	99
26) 2,2-Dichloropropane	4.465	77	273061	101.660	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	210051	104.487	ug/l	98
28) Bromochloromethane	4.885	49	141528	100.105	ug/l	94
29) Tetrahydrofuran	4.983	42	276529	547.338	ug/l	97
30) Chloroform	5.080	83	330306	102.928	ug/l	97
31) Cyclohexane	5.464	56	262665	97.000	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	288051	101.676	ug/l	99
36) 1,1-Dichloropropene	5.684	75	219541	96.734	ug/l	99
37) Ethyl Acetate	4.696	43	201911	104.423	ug/l	97
38) Carbon Tetrachloride	5.665	117	245308	93.614	ug/l	99
39) Methylcyclohexane	7.366	83	277545	95.097	ug/l	96
40) Benzene	6.025	78	692820	99.925	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	103566	106.336	ug/l	96
42) 1,2-Dichloroethane	6.074	62	243894	99.869	ug/l	98
43) Isopropyl Acetate	6.324	43	334952	104.923	ug/l	96
44) Trichloroethene	7.110	130	179623	98.882	ug/l	98
45) 1,2-Dichloropropane	7.415	63	174772	100.932	ug/l	98
46) Dibromomethane	7.568	93	123914	102.224	ug/l	96
47) Bromodichloromethane	7.805	83	256800	99.708	ug/l	97
48) Methyl methacrylate	7.677	41	170938	109.801	ug/l	96
49) 1,4-Dioxane	7.647	88	39674	2242.121	ug/l	94
51) 4-Methyl-2-Pentanone	8.555	43	925963	521.185	ug/l	96
52) Toluene	8.702	92	433330	100.021	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	237643	101.798	ug/l	98
54) cis-1,3-Dichloropropene	8.354	75	247342	98.341	ug/l	95
55) 1,1,2-Trichloroethane	9.134	97	157981	100.765	ug/l	99
56) Ethyl methacrylate	9.104	69	252667	110.060	ug/l	95
57) 1,3-Dichloropropane	9.293	76	272104	100.095	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	666222	478.417	ug/l	97
59) 2-Hexanone	9.415	43	625915	541.437	ug/l	97
60) Dibromochloromethane	9.506	129	195285	100.712	ug/l	99
61) 1,2-Dibromoethane	9.592	107	165360	101.951	ug/l	97
64) Tetrachloroethene	9.256	164	158194	93.397	ug/l	97
65) Chlorobenzene	10.061	112	485587	100.215	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	169971	103.125	ug/l	99
67) Ethyl Benzene	10.177	91	820586	100.581	ug/l	99
68) m/p-Xylenes	10.287	106	626265	202.737	ug/l	97
69) o-Xylene	10.628	106	303089	102.675	ug/l	97
70) Styrene	10.640	104	524485	104.884	ug/l	99
71) Bromoform	10.780	173	125602	105.343	ug/l #	99
73) Isopropylbenzene	10.945	105	772066	100.054	ug/l	99
74) N-amyl acetate	10.823	43	299571	108.827	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.195	83	199484	102.062	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	159600m	98.087	ug/l	
77) Bromobenzene	11.183	156	191695	100.568	ug/l	99
78) n-propylbenzene	11.286	91	908036	99.564	ug/l	98
79) 2-Chlorotoluene	11.347	91	544328	99.407	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	639478	101.097	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	45242	104.353	ug/l #	76
82) 4-Chlorotoluene	11.439	91	641755	99.695	ug/l	97
83) tert-Butylbenzene	11.695	119	646483	100.392	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	643122	102.686	ug/l	99
85) sec-Butylbenzene	11.872	105	791505	98.644	ug/l	100
86) p-Isopropyltoluene	11.994	119	679495	100.170	ug/l	100
87) 1,3-Dichlorobenzene	11.951	146	347642	95.499	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	351340	94.761	ug/l	99
89) n-Butylbenzene	12.317	91	626533	98.374	ug/l	98
90) Hexachloroethane	12.518	117	122970	103.167	ug/l	99
91) 1,2-Dichlorobenzene	12.317	146	335364	99.415	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.920	75	40725	106.406	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	234564	100.768	ug/l	99
94) Hexachlorobutadiene	13.707	225	89940	92.112	ug/l	98
95) Naphthalene	13.756	128	639328	108.748	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	214795	101.587	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDICC100

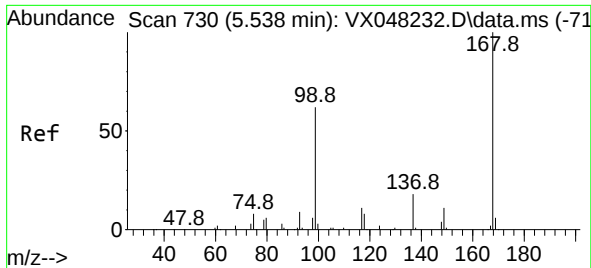
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

Quant Time: Oct 30 02:21:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 02:16:32 2025
Response via : Initial Calibration

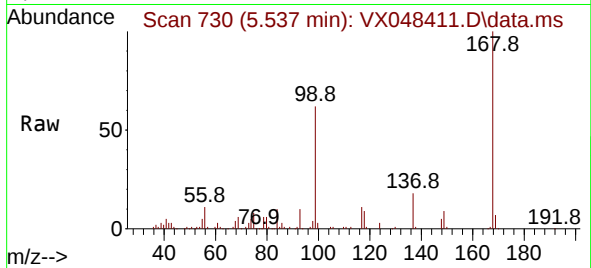
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. 0.000 min
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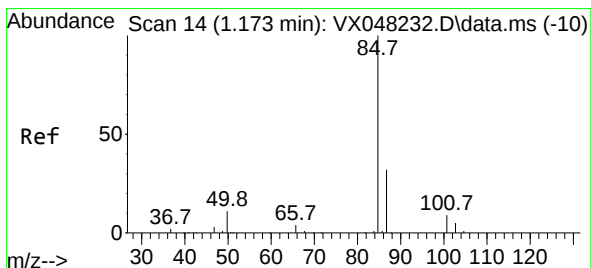
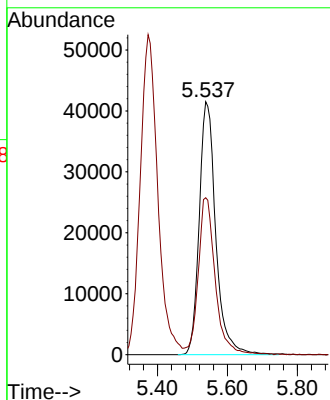
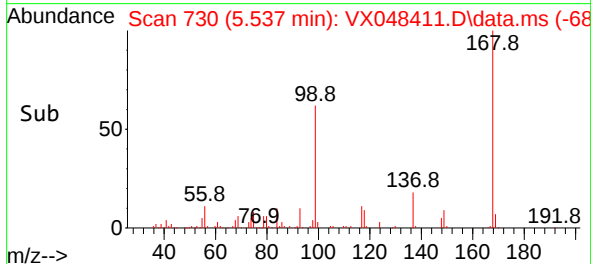
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:168 Resp: 136244
Ion Ratio Lower Upper
168 100
99 61.7 46.4 69.6

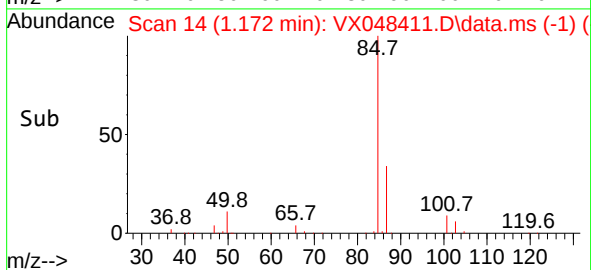
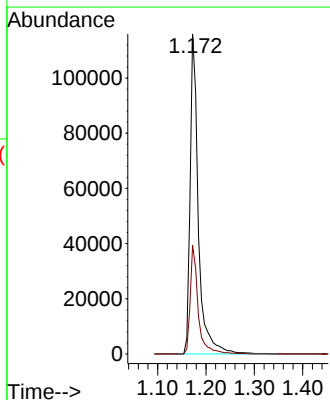
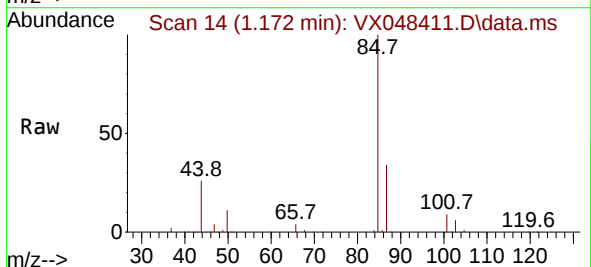
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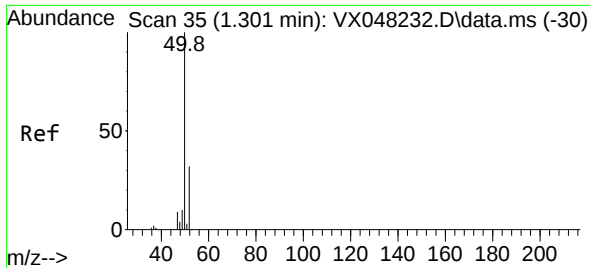
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#2
Dichlorodifluoromethane
Concen: 98.781 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

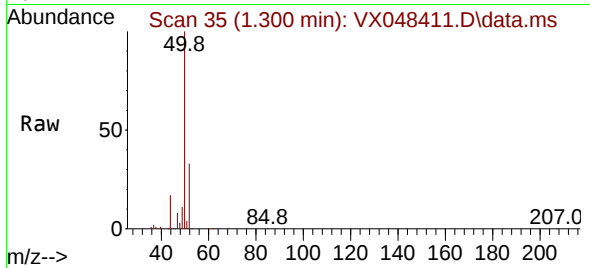
Tgt Ion: 85 Resp: 137281
Ion Ratio Lower Upper
85 100
87 34.0 15.3 45.9





#3
Chloromethane
Concen: 95.062 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

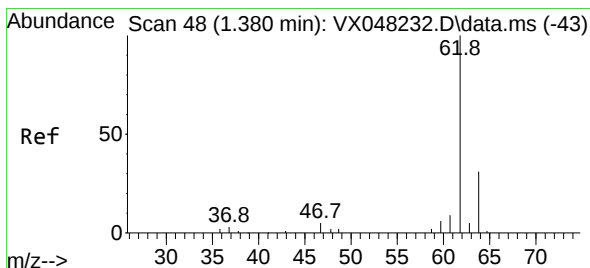
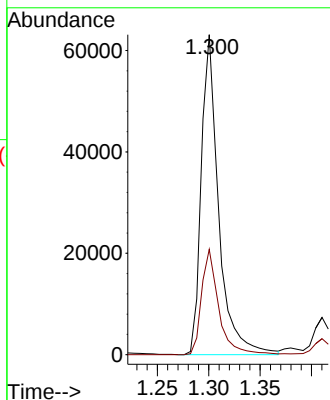
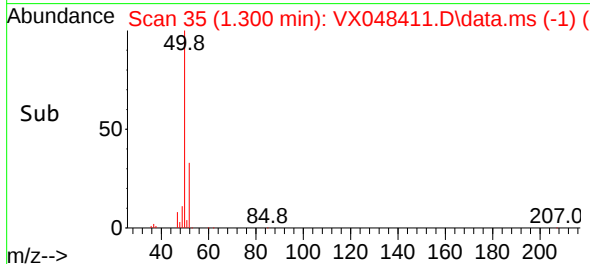
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 74538
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9

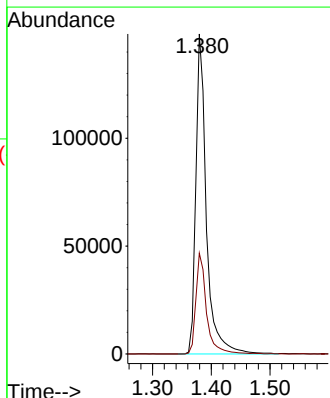
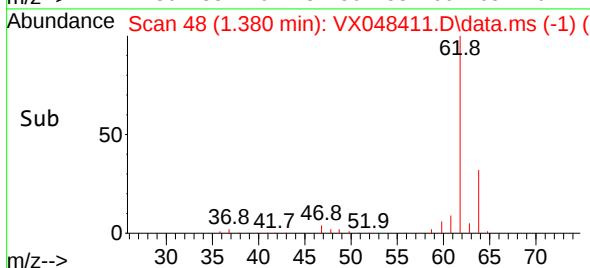
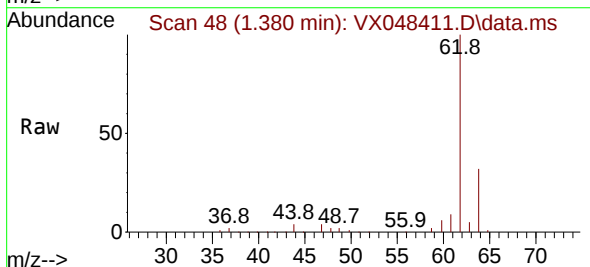
Manual Integrations
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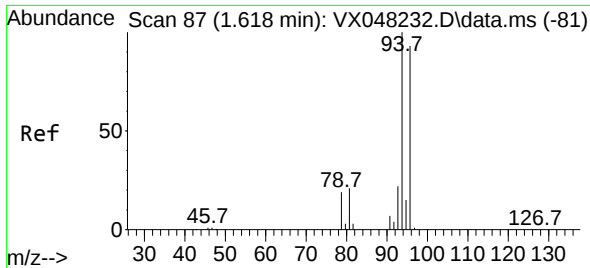
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#4
Vinyl Chloride
Concen: 101.782 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Tgt Ion: 62 Resp: 184353
Ion Ratio Lower Upper
62 100
64 31.5 25.1 37.7





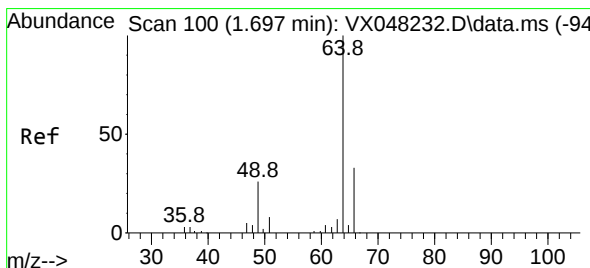
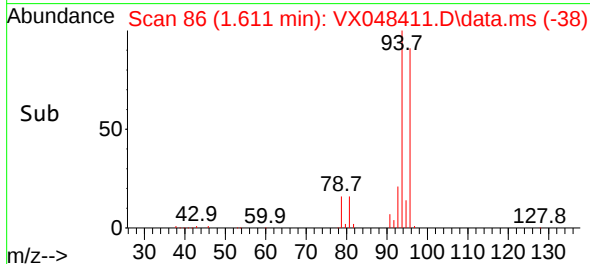
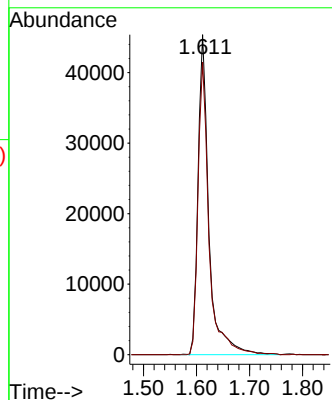
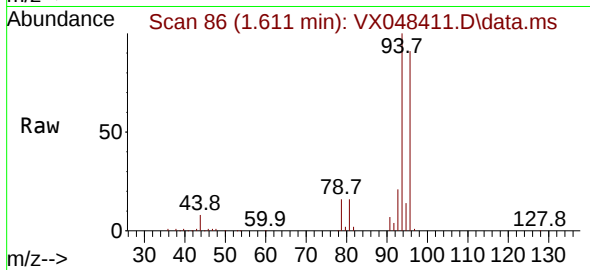
#5
Bromomethane
Concen: 98.767 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 94 Resp: 6462
Ion Ratio Lower Upper
94 100
96 91.4 76.0 114.0

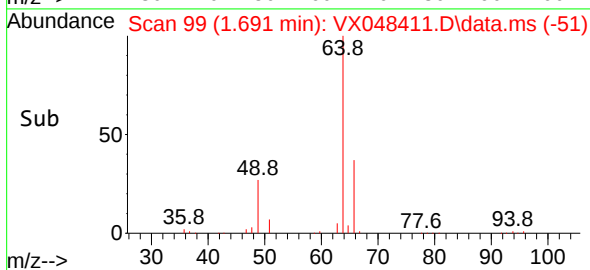
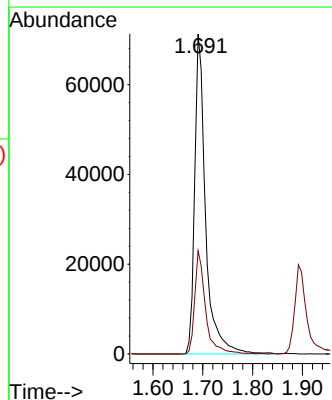
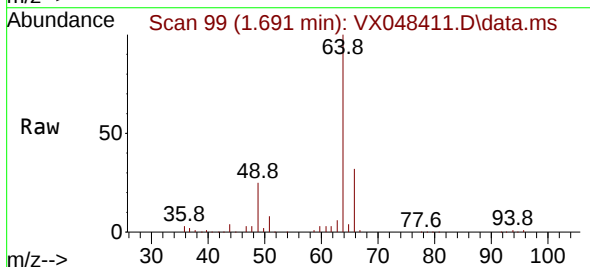
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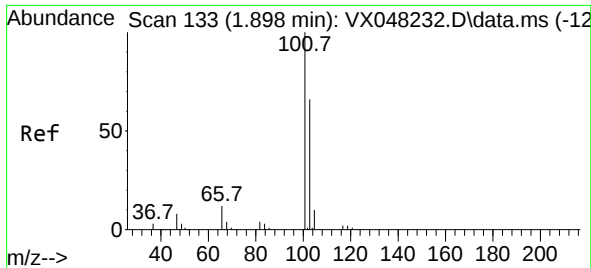
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#6
Chloroethane
Concen: 100.762 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Tgt Ion: 64 Resp: 108537
Ion Ratio Lower Upper
64 100
66 32.2 23.9 35.9





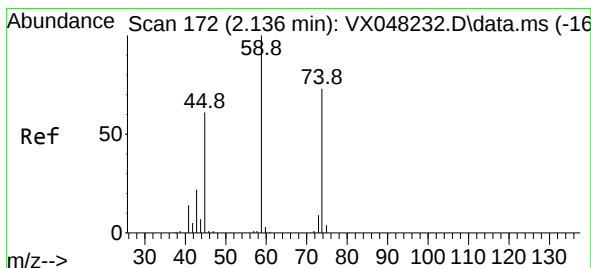
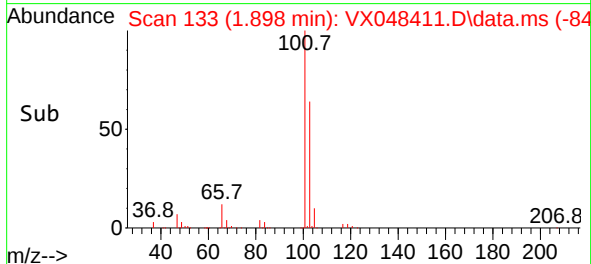
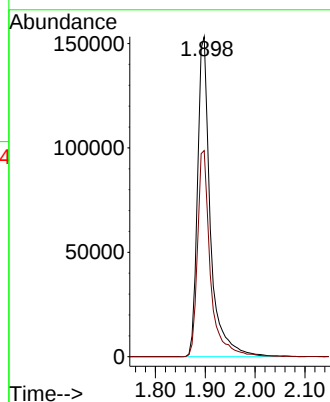
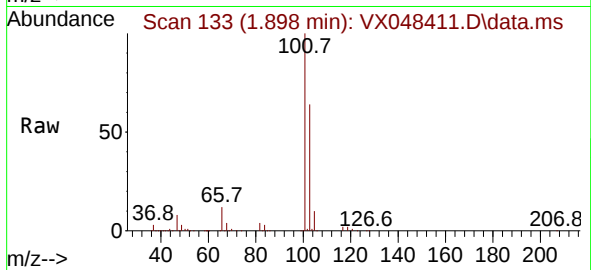
#7
Trichlorofluoromethane
Concen: 98.791 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 27420
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

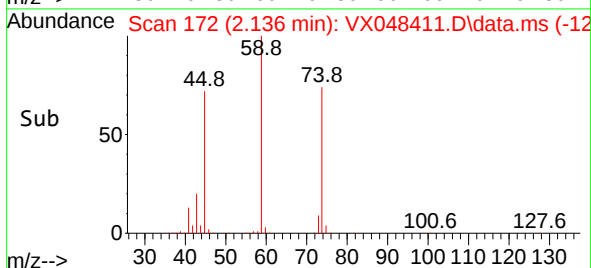
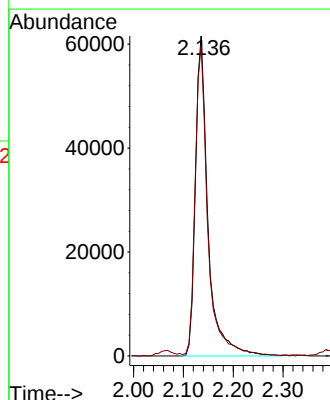
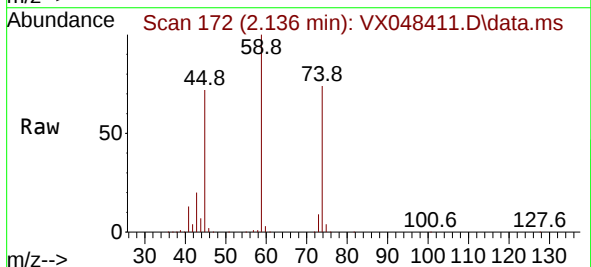
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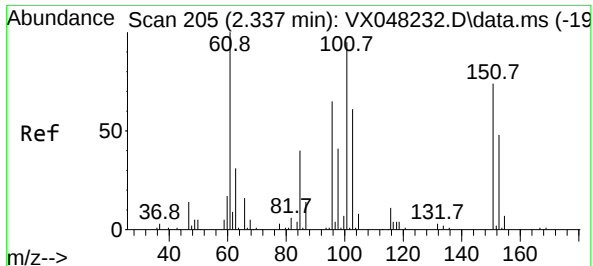
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#8
Diethyl Ether
Concen: 107.685 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Tgt Ion: 74 Resp: 108025
Ion Ratio Lower Upper
74 100
45 97.3 50.0 149.8





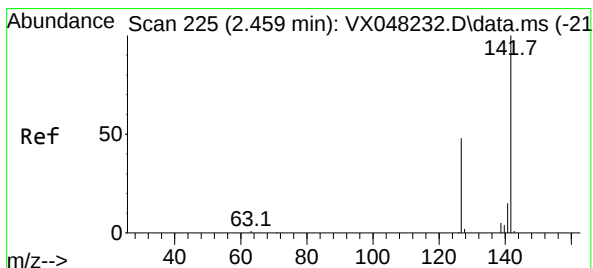
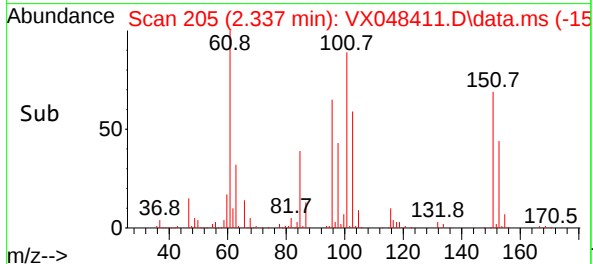
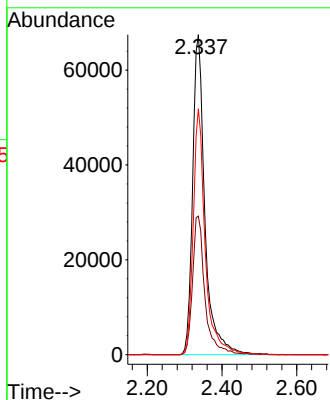
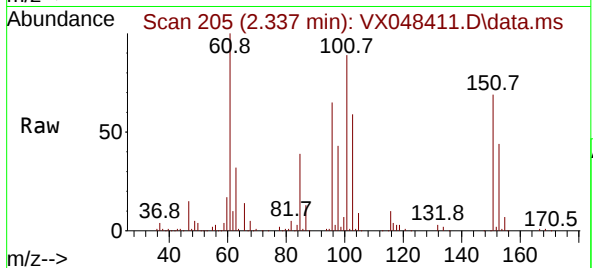
#9
1,1,2-Trichlorotrifluoroethane
Concen: 98.581 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 153910
Ion Ratio Lower Upper
101 100
85 43.8 35.6 53.4
151 75.0 58.0 87.0

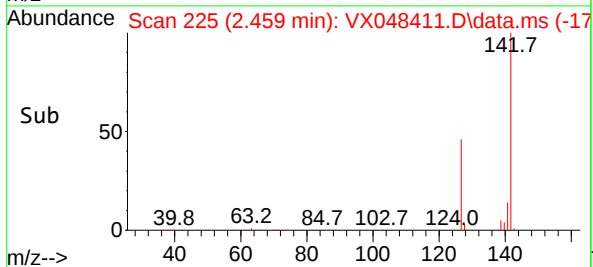
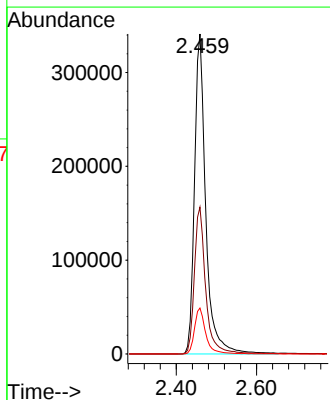
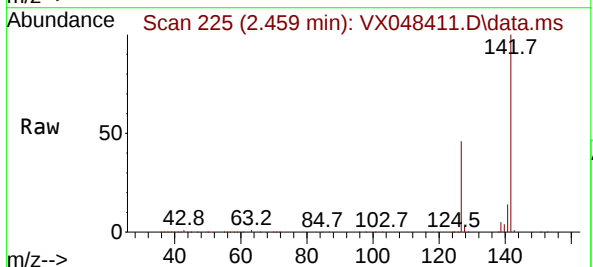
Manual Integrations
APPROVED

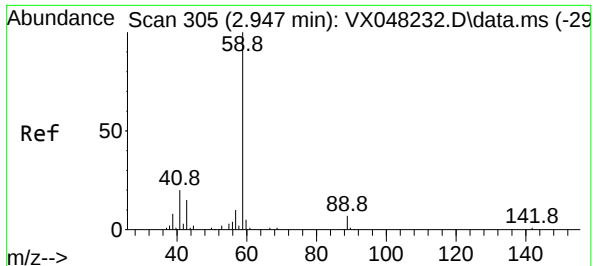
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#10
Methyl Iodide
Concen: 106.094 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Tgt Ion:142 Resp: 666054
Ion Ratio Lower Upper
142 100
127 46.5 38.5 57.7
141 14.4 11.6 17.4





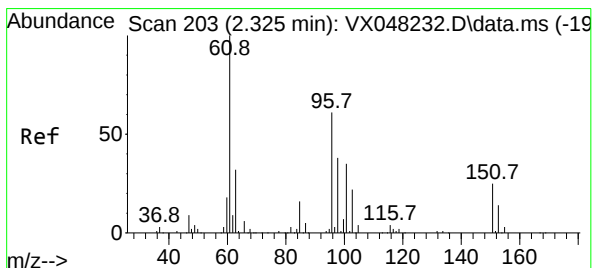
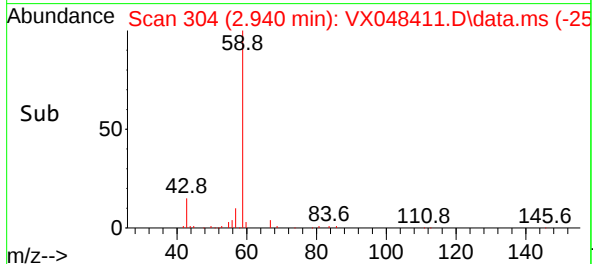
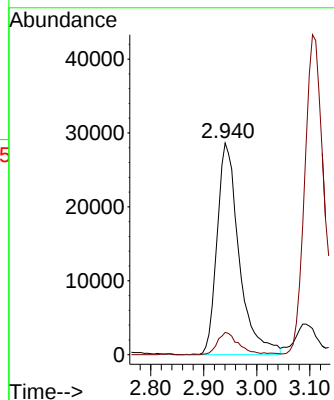
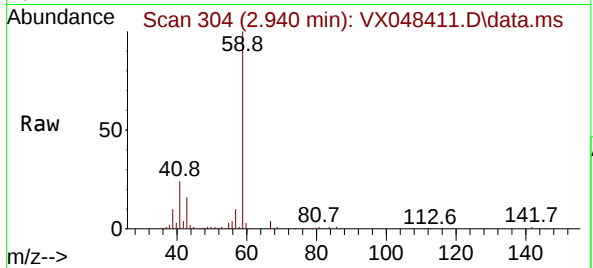
#11
Tert butyl alcohol
Concen: 550.424 ug/l
RT: 2.940 min Scan# 305
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 82628
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

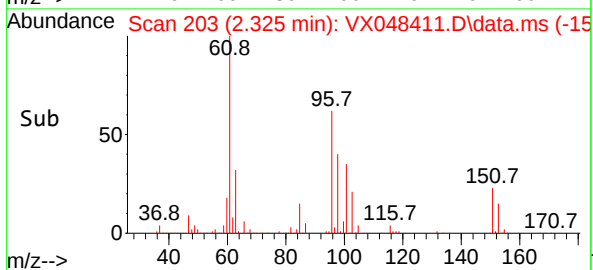
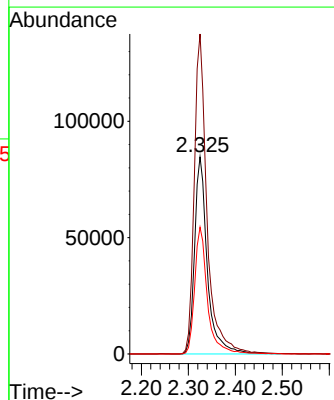
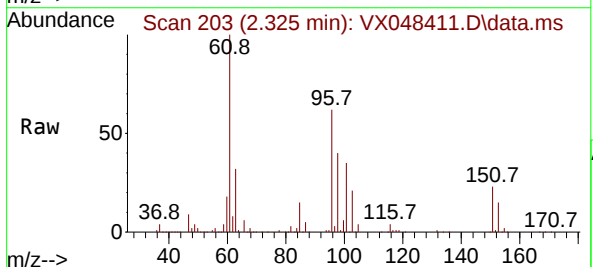
Manual Integrations
APPROVED

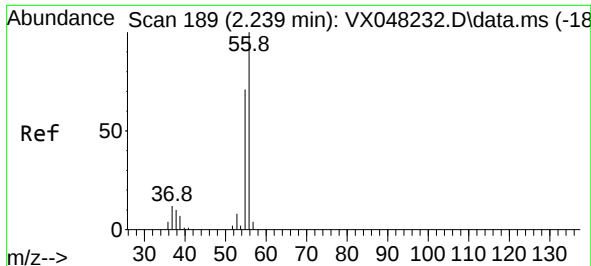
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#12
1,1-Dichloroethene
Concen: 101.505 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

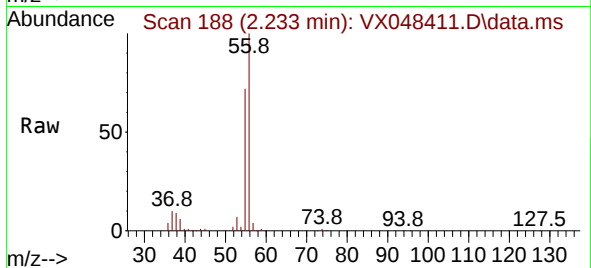
Tgt Ion: 96 Resp: 160970
Ion Ratio Lower Upper
96 100
61 162.3 139.0 208.6
98 64.3 52.4 78.6





#13
Acrolein
Concen: 556.434 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

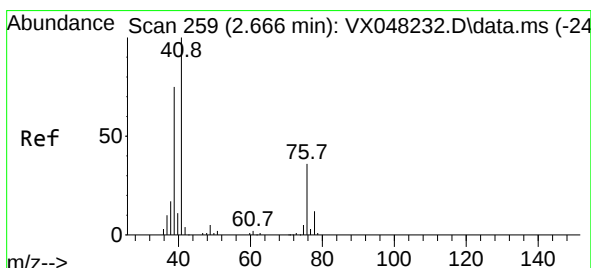
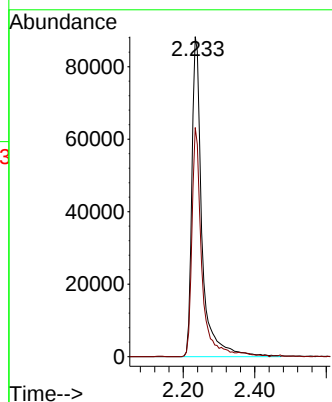
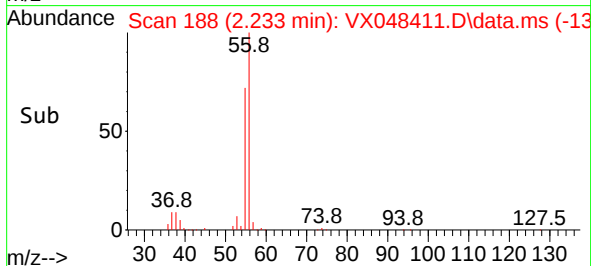
Instrument : MSVOA_X
ClientSampleId : VSTDIC100



Tgt Ion: 56 Resp: 17435
Ion Ratio Lower Upper
56 100
55 68.5 56.1 84.1

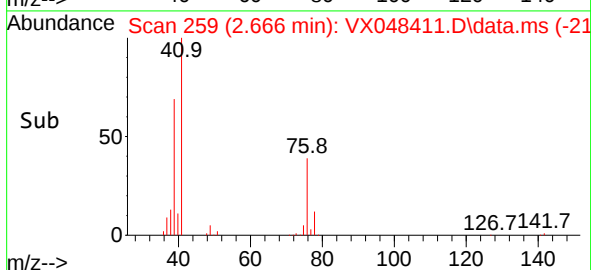
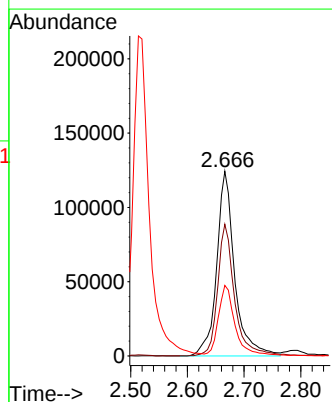
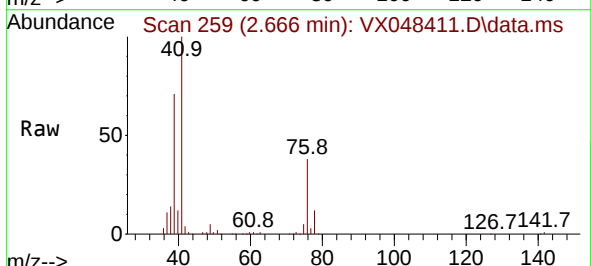
Manual Integrations
APPROVED

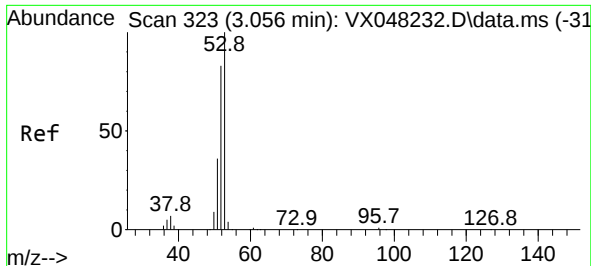
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#14
Allyl chloride
Concen: 102.042 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

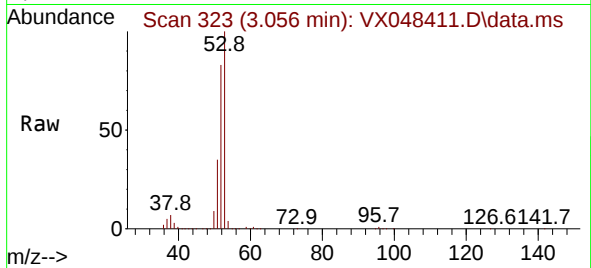
Tgt Ion: 41 Resp: 274038
Ion Ratio Lower Upper
41 100
39 67.5 56.0 84.0
76 34.9 27.5 41.3





#15
Acrylonitrile
Concen: 541.798 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

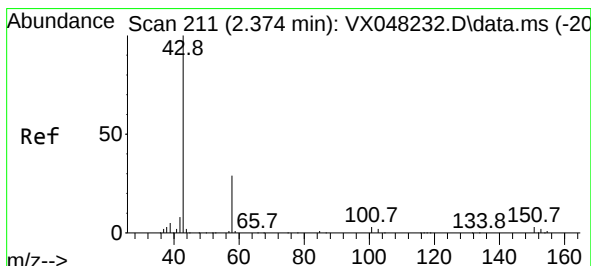
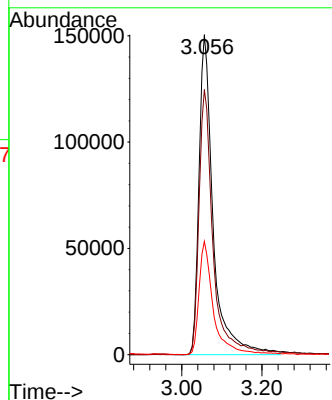
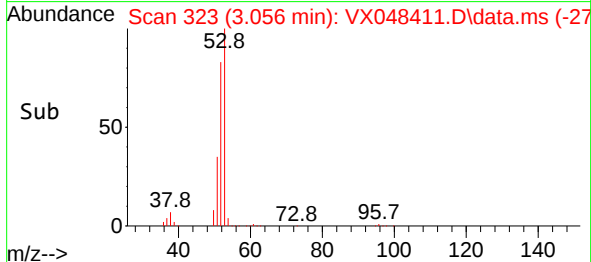
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



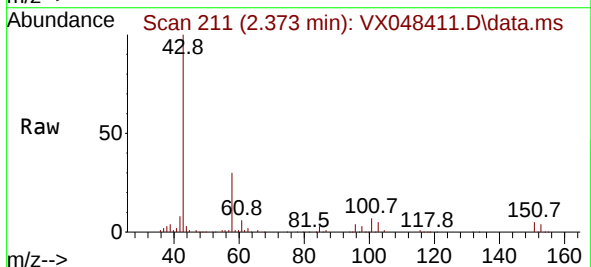
Tgt Ion: 53 Resp: 37000
Ion Ratio Lower Upper
53 100
52 83.0 66.1 99.1
51 36.1 29.0 43.4

Manual Integrations
APPROVED

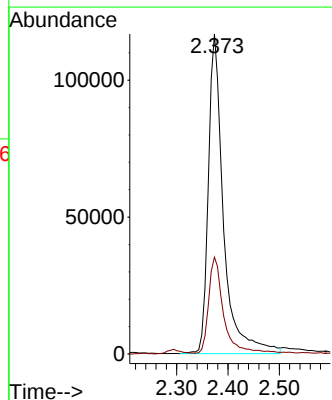
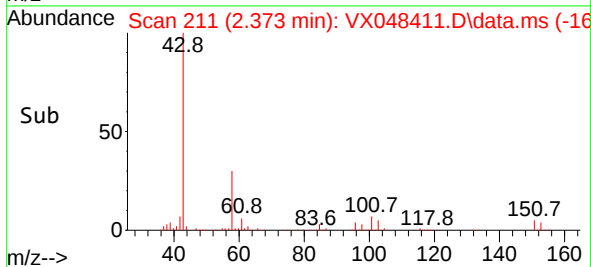
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

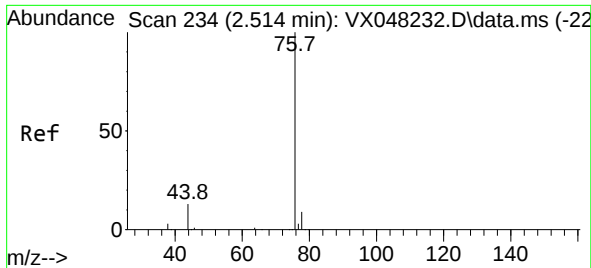


#16
Acetone
Concen: 539.138 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43



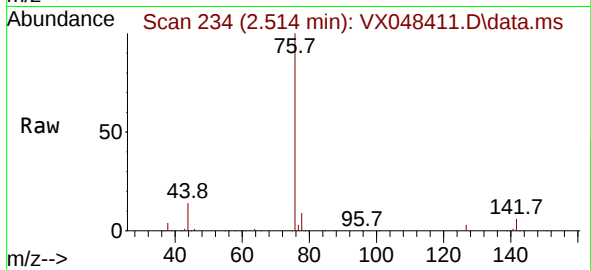
Tgt Ion: 43 Resp: 239424
Ion Ratio Lower Upper
43 100
58 29.9 23.4 35.2





#17
Carbon Disulfide
Concen: 93.947 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

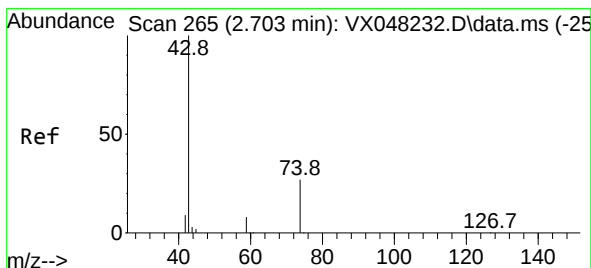
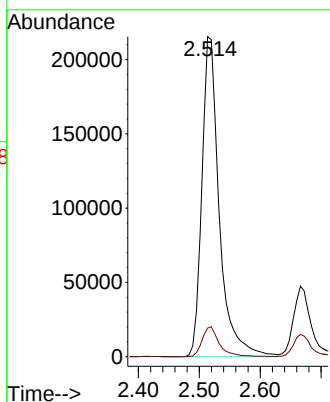
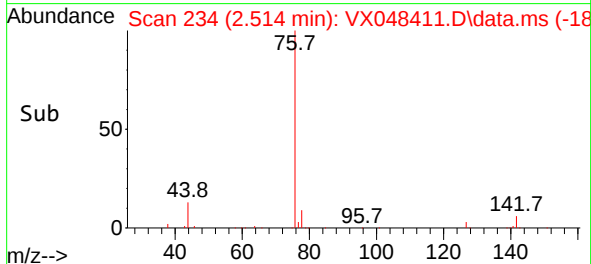
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



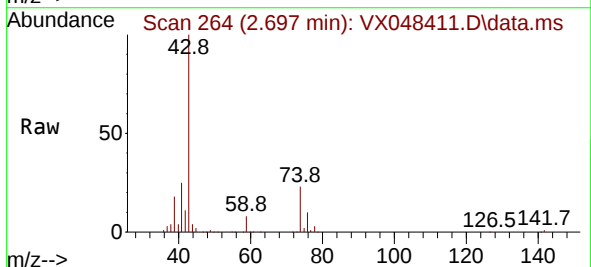
Tgt Ion: 76 Resp: 427175
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

Manual Integrations
APPROVED

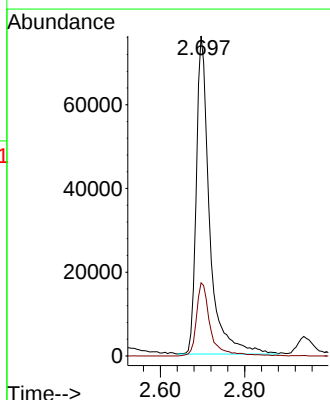
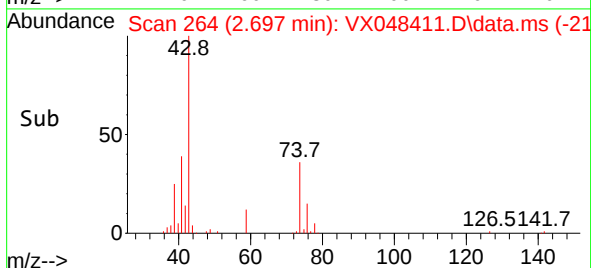
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

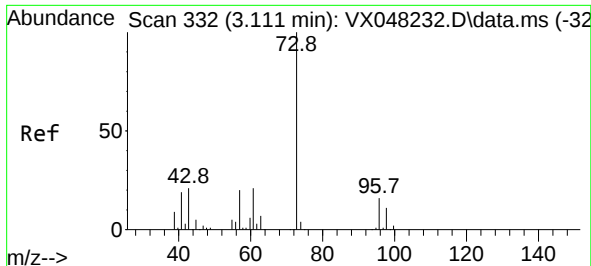


#18
Methyl Acetate
Concen: 112.212 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43



Tgt Ion: 43 Resp: 166666
Ion Ratio Lower Upper
43 100
74 24.1 17.5 26.3





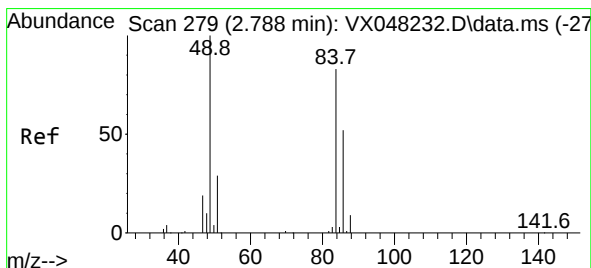
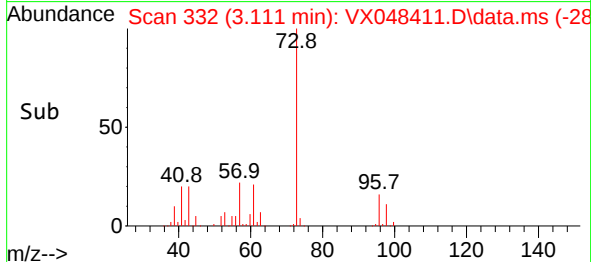
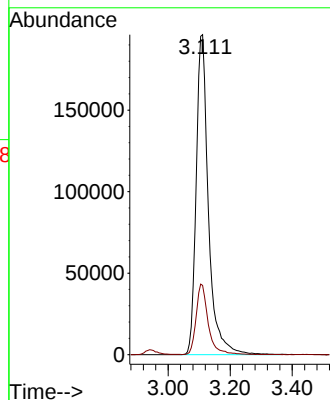
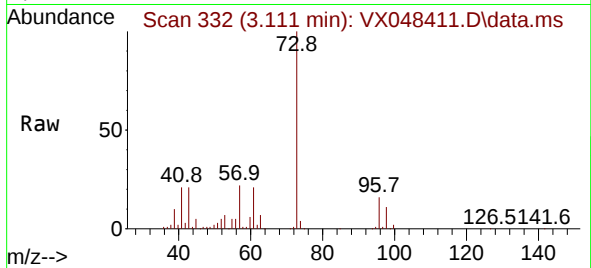
#19
Methyl tert-butyl Ether
Concen: 105.981 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 53820
Ion Ratio Lower Upper
73 100
57 21.6 17.7 26.5

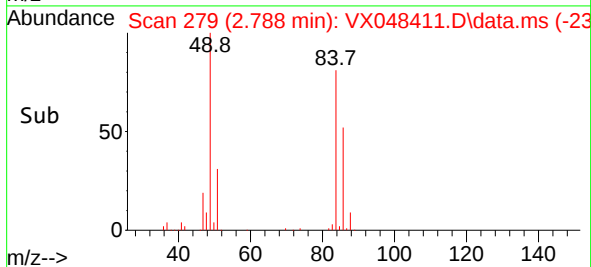
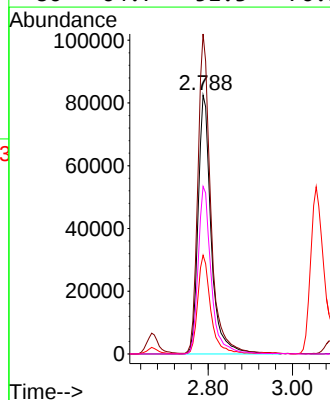
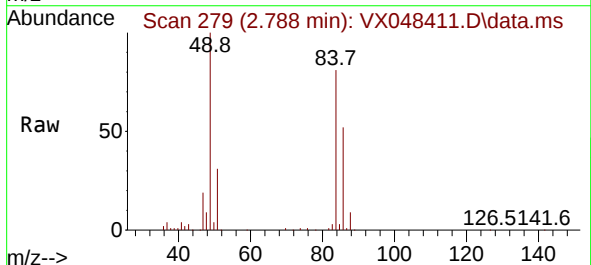
Manual Integrations
APPROVED

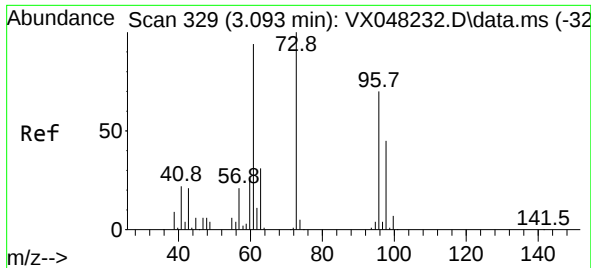
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#20
Methylene Chloride
Concen: 103.597 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

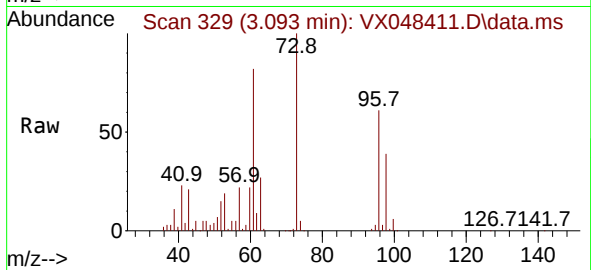
Tgt Ion: 84 Resp: 177343
Ion Ratio Lower Upper
84 100
49 123.4 104.1 156.1
51 38.2 31.3 46.9
86 64.7 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 102.229 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

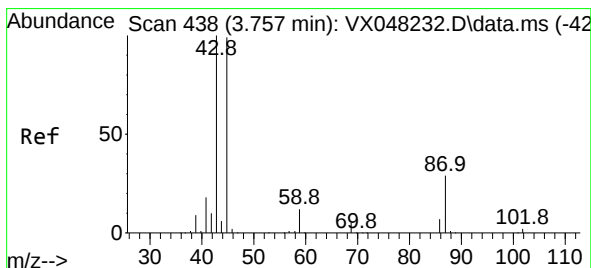
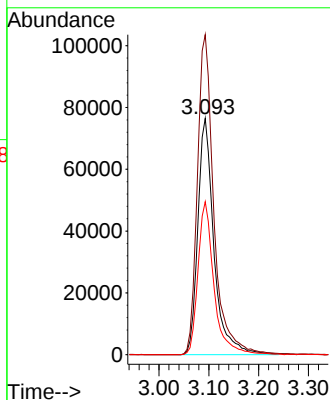
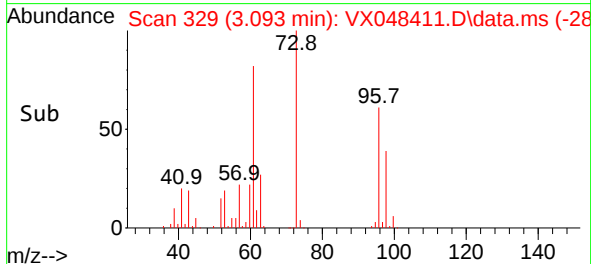
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 172190
Ion Ratio Lower Upper
96 100
61 135.4 111.9 167.9
98 64.7 51.2 76.8

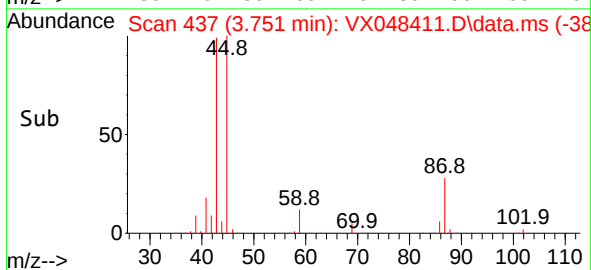
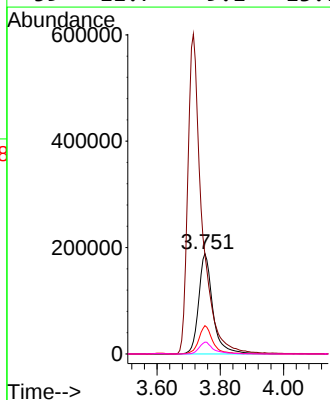
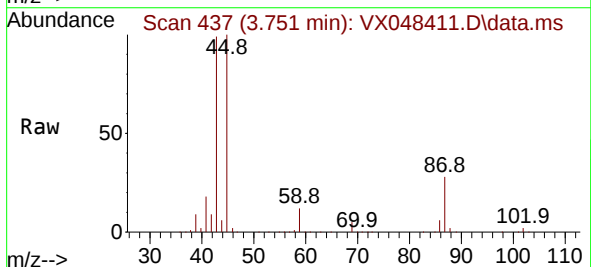
Manual Integrations
APPROVED

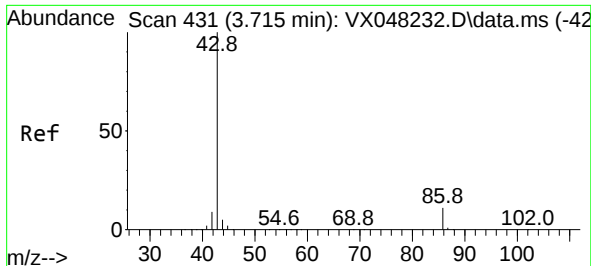
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#22
Diisopropyl ether
Concen: 106.589 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

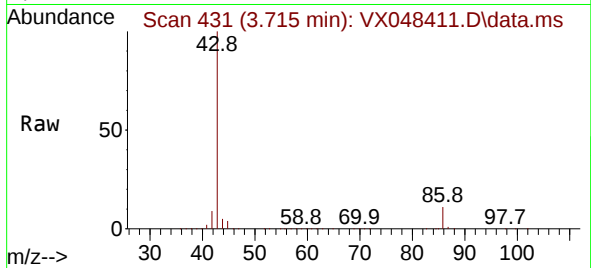
Tgt Ion: 45 Resp: 585908
Ion Ratio Lower Upper
45 100
43 98.4 89.8 134.8
87 28.2 20.6 31.0
59 11.7 9.1 13.7





#23
 Vinyl Acetate
 Concen: 499.934 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX048411.D
 Acq: 29 Oct 2025 12:43

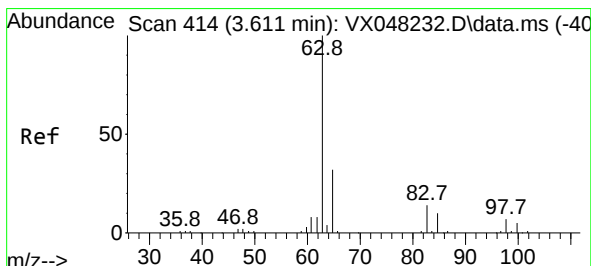
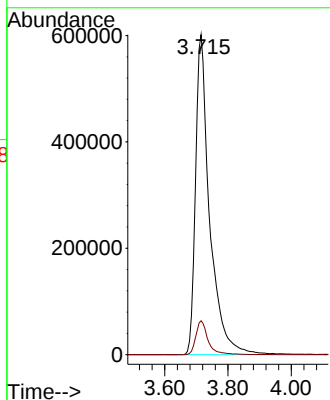
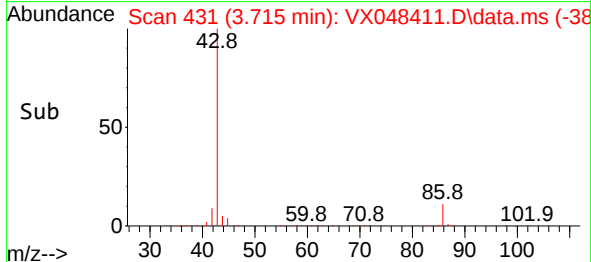
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100



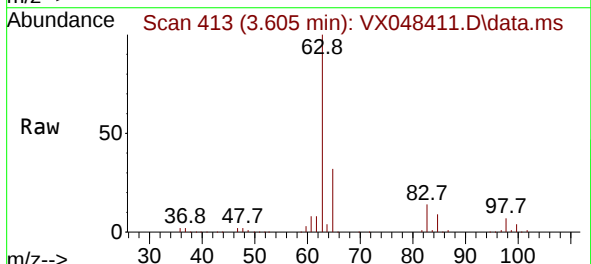
Tgt Ion: 43 Resp: 187069
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.9 11.9

Manual Integrations
 APPROVED

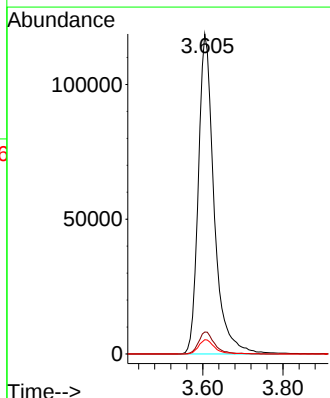
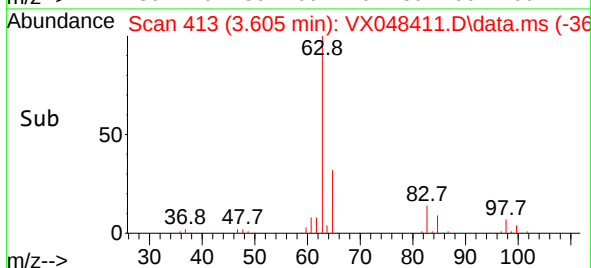
Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

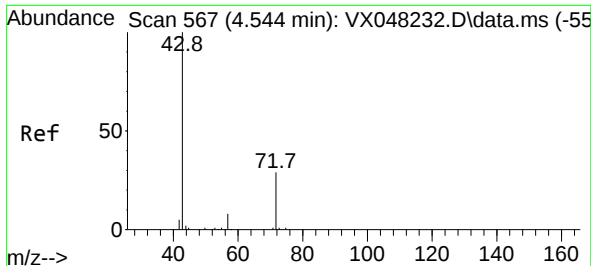


#24
 1,1-Dichloroethane
 Concen: 103.957 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX048411.D
 Acq: 29 Oct 2025 12:43



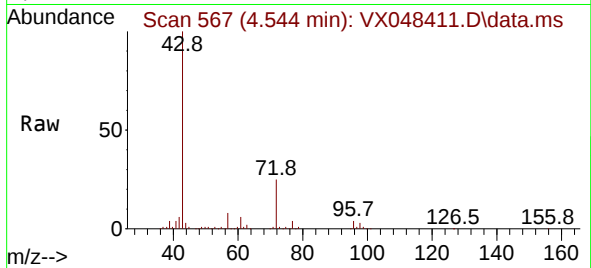
Tgt Ion: 63 Resp: 324304
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.6
 100 4.7 2.1 6.3





#25
2-Butanone
Concen: 551.449 ug/l
RT: 4.544 min Scan# 501
Delta R.T. 0.006 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

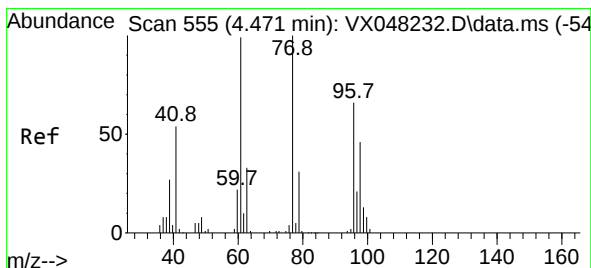
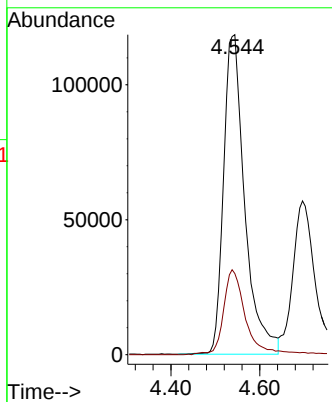
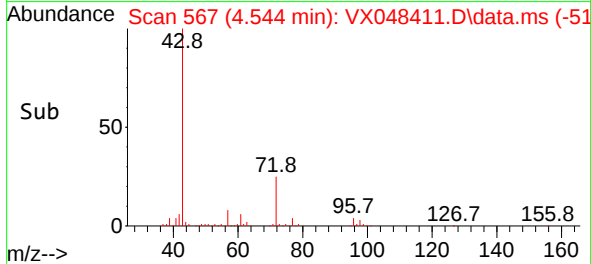
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 391210
Ion Ratio Lower Upper
43 100
72 25.4 19.9 29.9

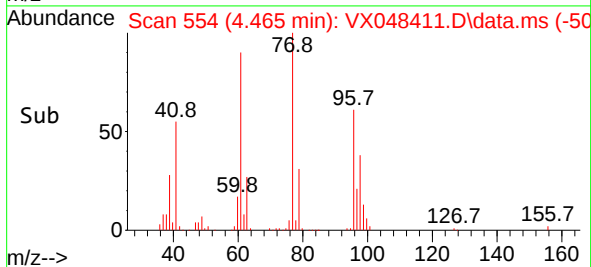
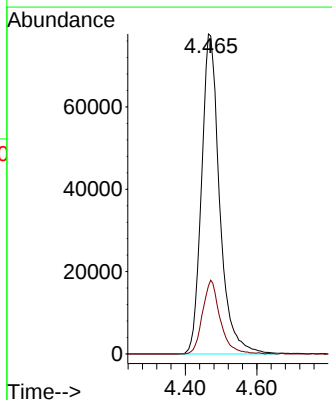
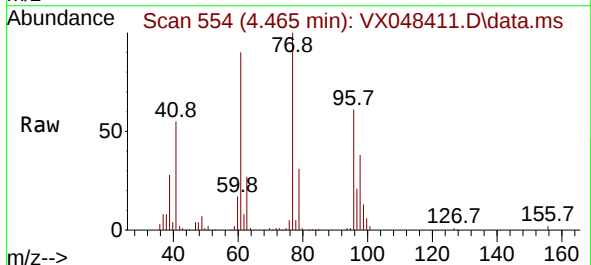
Manual Integrations
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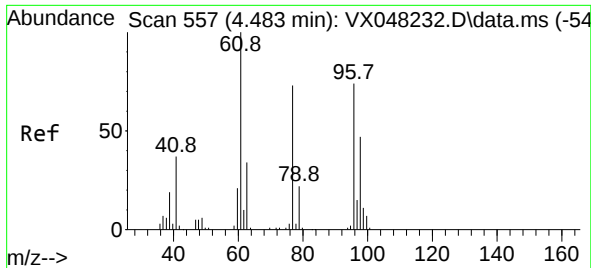
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#26
2,2-Dichloropropane
Concen: 101.660 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Tgt Ion: 77 Resp: 273061
Ion Ratio Lower Upper
77 100
97 22.4 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 104.487 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 21005

Ion Ratio Lower Upper

96 100

61 142.9 0.0 294.2

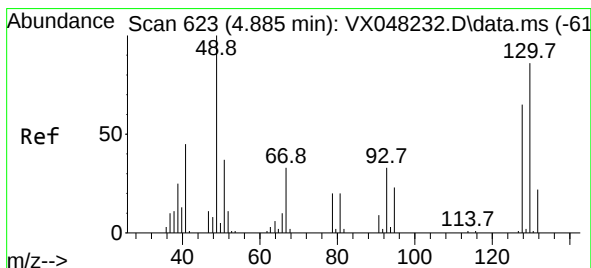
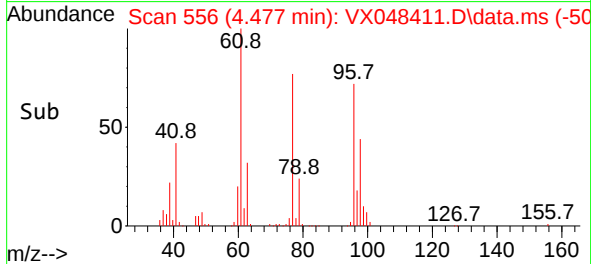
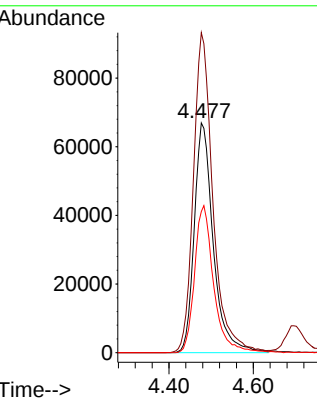
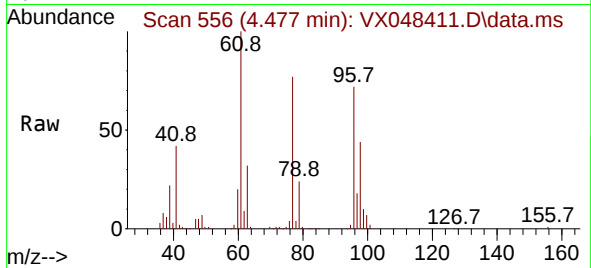
98 64.4 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#28

Bromochloromethane

Concen: 100.105 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

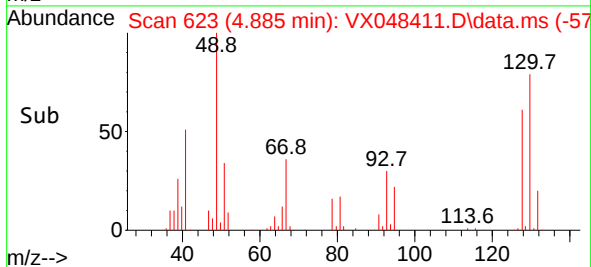
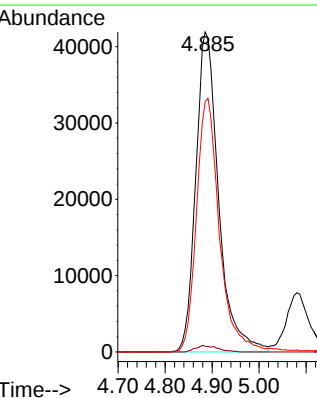
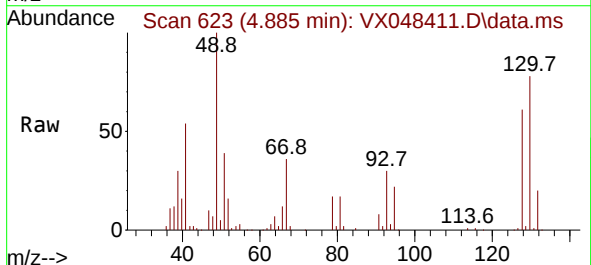
Tgt Ion: 49 Resp: 141528

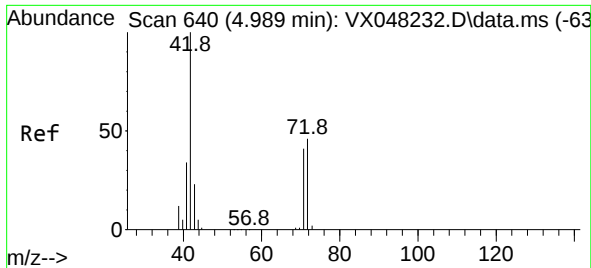
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

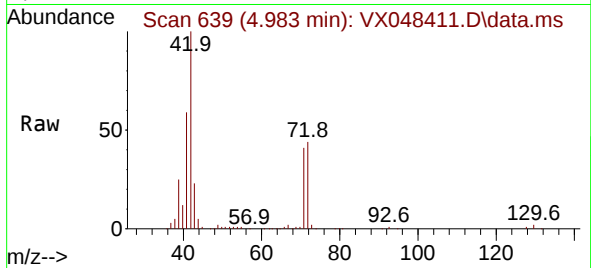
130 79.2 59.3 88.9





#29
Tetrahydrofuran
Concen: 547.338 ug/l
RT: 4.983 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

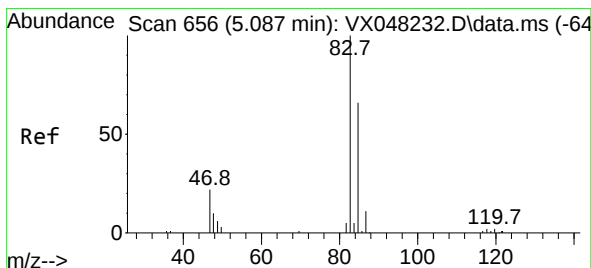
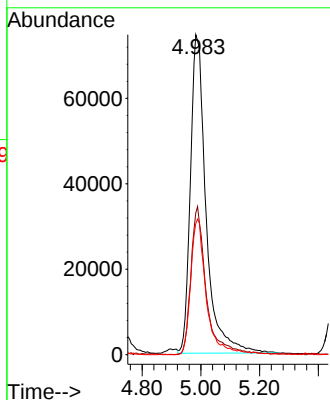
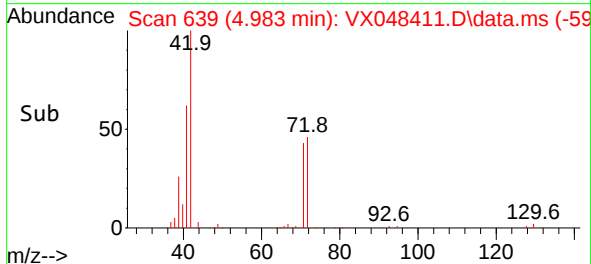
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 42 Resp: 276529
Ion Ratio Lower Upper
42 100
72 45.7 35.3 52.9
71 42.0 32.2 48.4

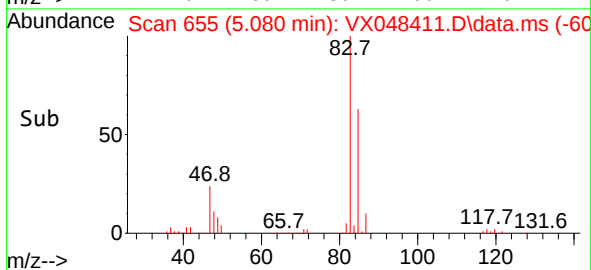
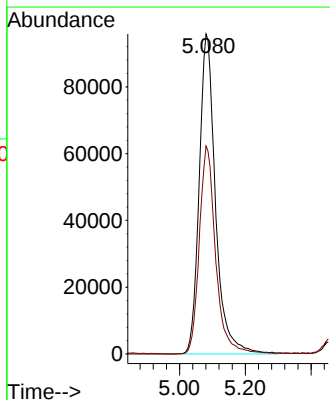
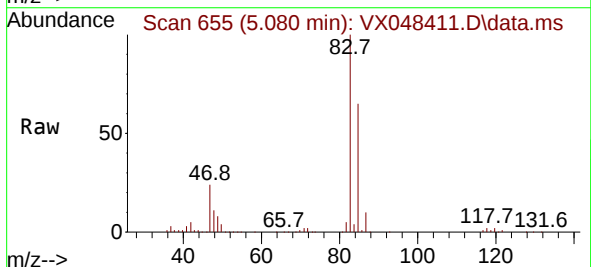
Manual Integrations
APPROVED

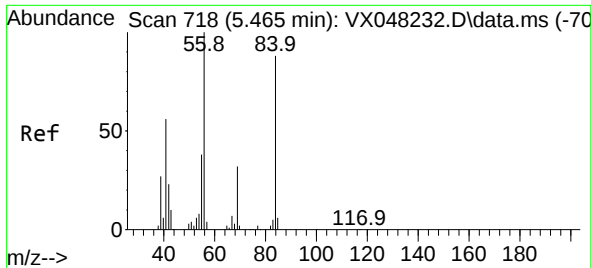
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#30
Chloroform
Concen: 102.928 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

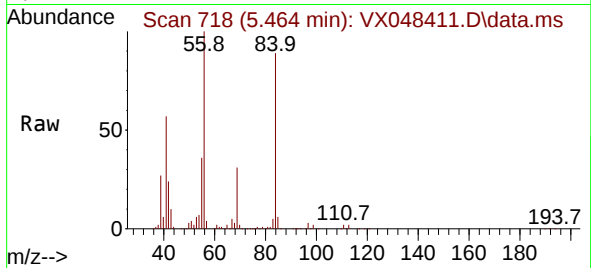
Tgt Ion: 83 Resp: 330306
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1





#31
Cyclohexane
Concen: 97.000 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

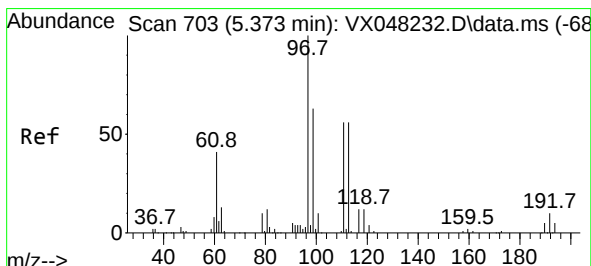
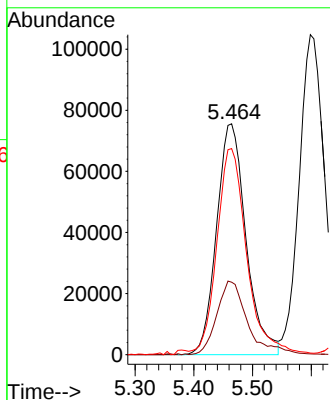
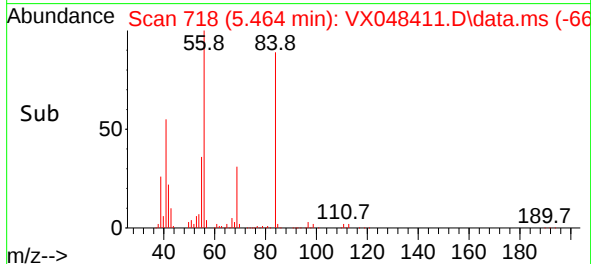
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



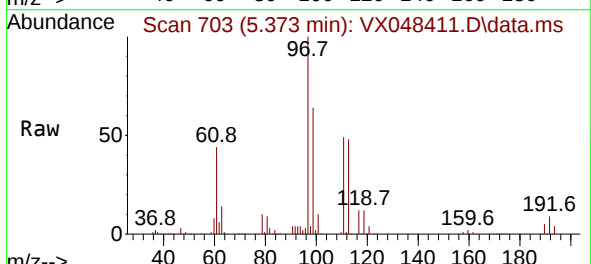
Tgt Ion: 56 Resp: 26266
Ion Ratio Lower Upper
56 100
69 30.9 23.0 34.6
84 87.0 64.6 97.0

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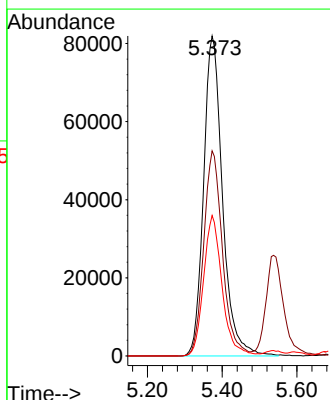
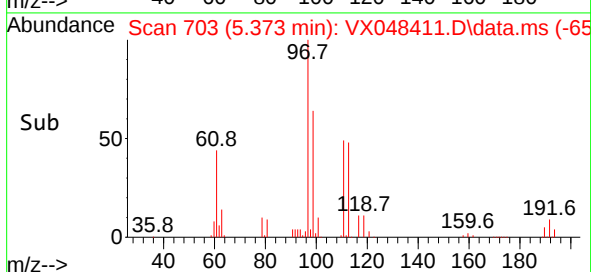
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

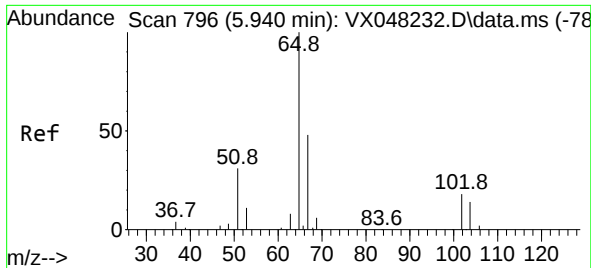


#32
1,1,1-Trichloroethane
Concen: 101.676 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43



Tgt Ion: 97 Resp: 288051
Ion Ratio Lower Upper
97 100
99 63.5 51.7 77.5
61 42.8 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 101.300 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 65 Resp: 19848

Ion Ratio Lower Upper

65 100

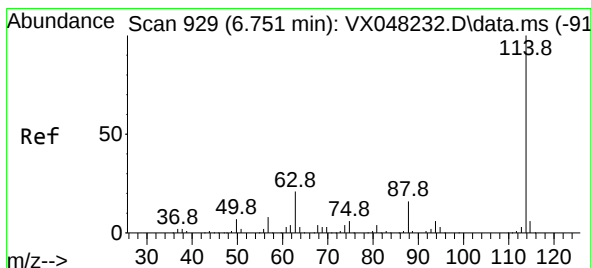
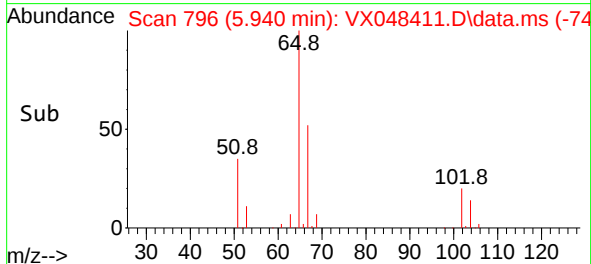
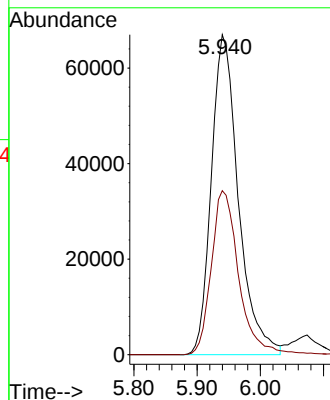
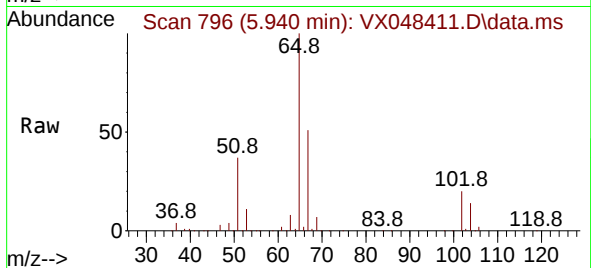
67 52.3 0.0 105.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

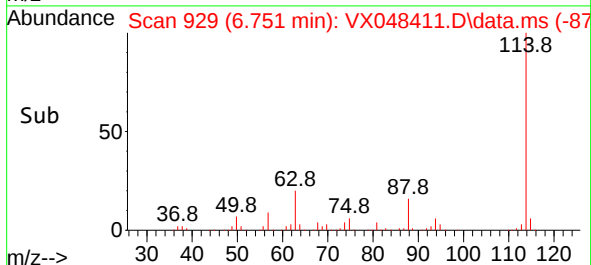
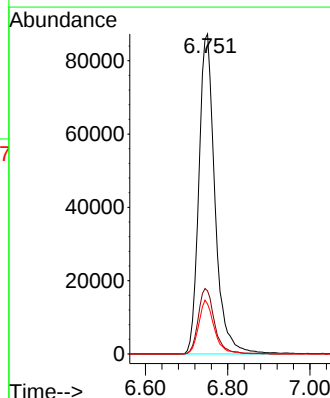
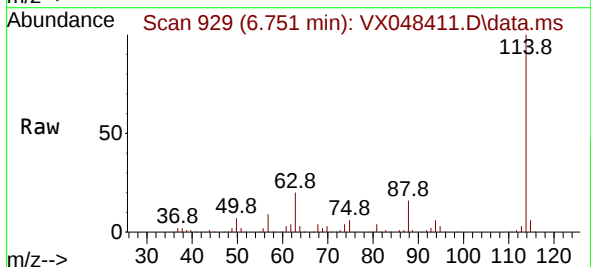
Tgt Ion:114 Resp: 237043

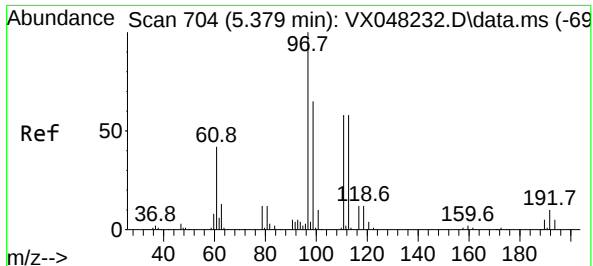
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

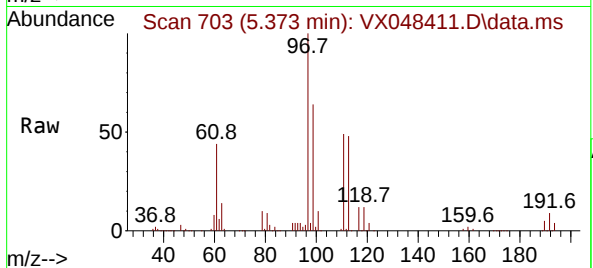
88 15.6 0.0 33.6





#35
Dibromofluoromethane
Concen: 99.222 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

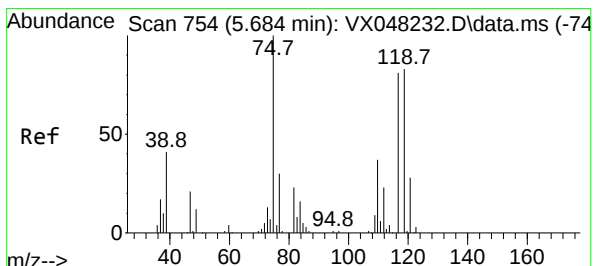
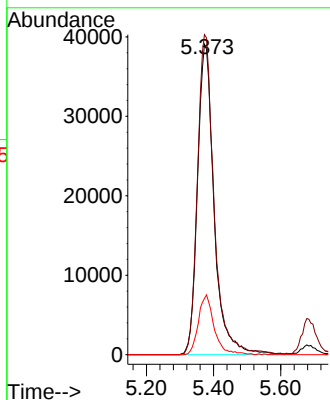
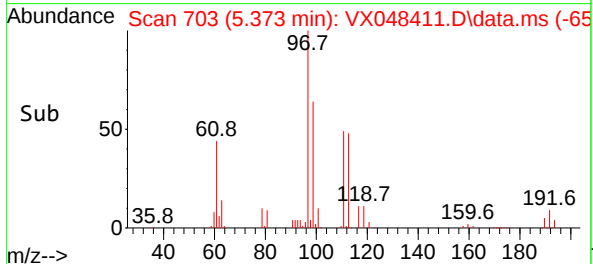
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:113 Resp: 134090
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 18.3 15.1 22.7

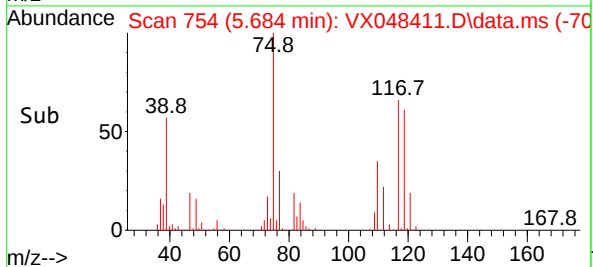
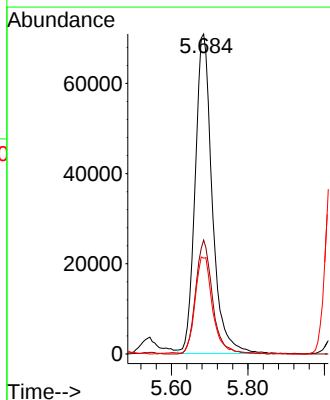
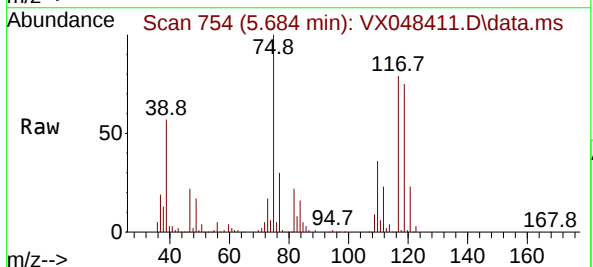
Manual Integrations
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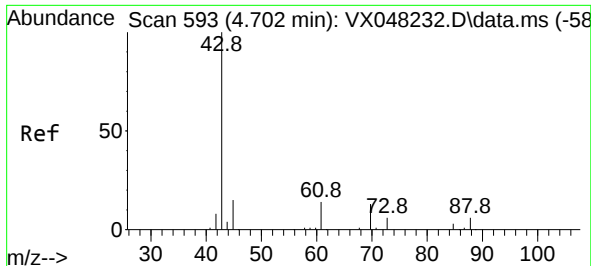
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#36
1,1-Dichloropropene
Concen: 96.734 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Tgt Ion: 75 Resp: 219541
Ion Ratio Lower Upper
75 100
110 35.3 17.7 53.1
77 31.4 24.3 36.5





#37

Ethyl Acetate

Concen: 104.423 ug/l

RT: 4.696 min Scan# 592

Delta R.T. -0.000 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 20191

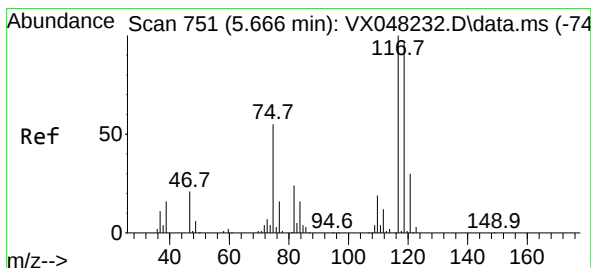
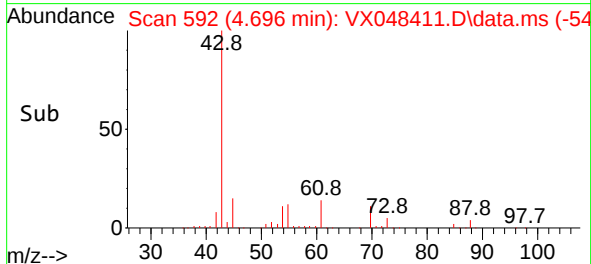
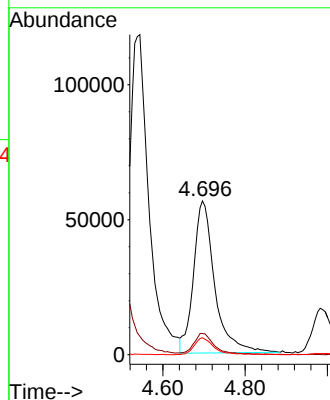
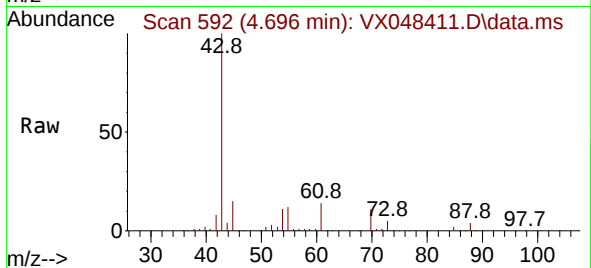
Ion	Ratio	Lower	Upper
43	100		
61	11.9	10.6	15.8
70	10.3	7.8	11.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#38

Carbon Tetrachloride

Concen: 93.614 ug/l

RT: 5.665 min Scan# 751

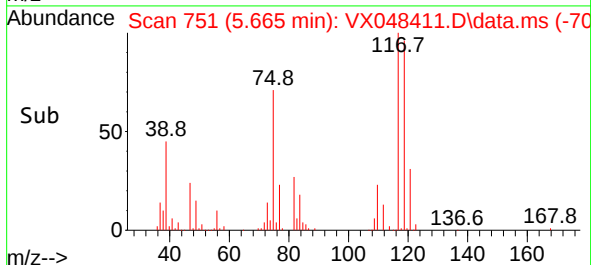
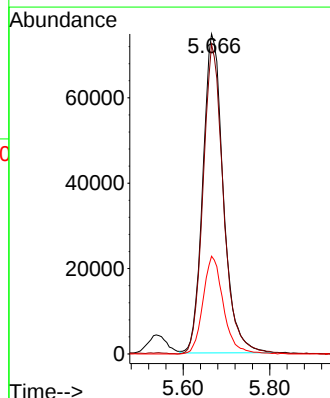
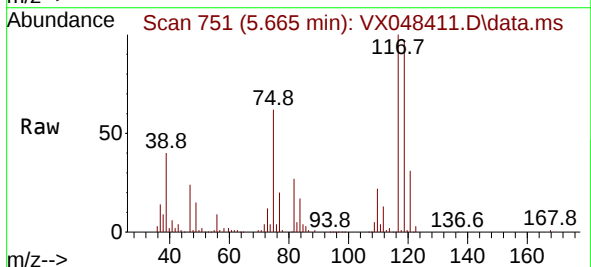
Delta R.T. -0.000 min

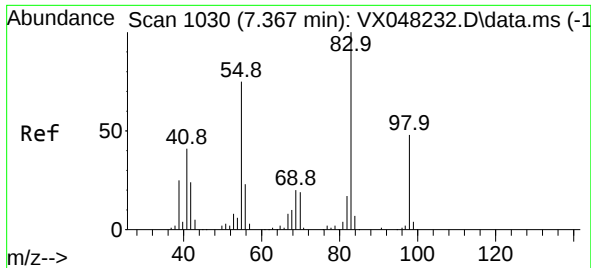
Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

Tgt Ion:117 Resp: 245308

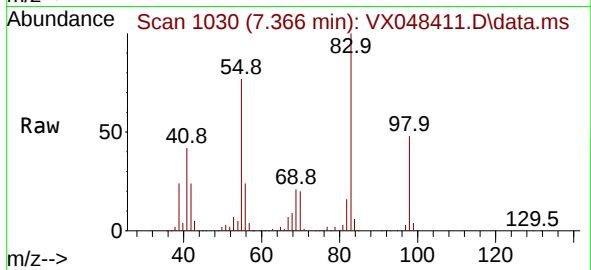
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.2	115.8
121	30.7	24.8	37.2





#39
Methylcyclohexane
Concen: 95.097 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

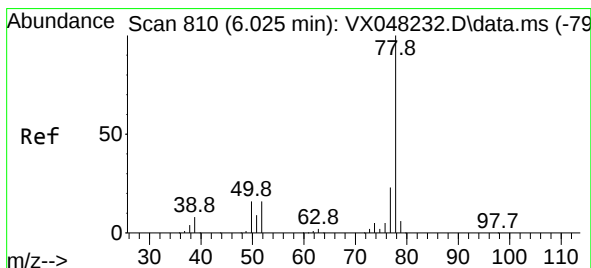
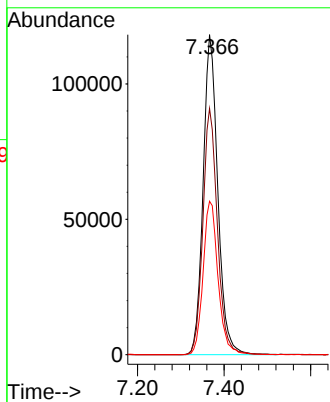
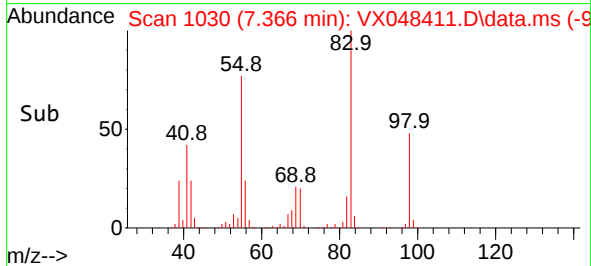
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 277549
Ion Ratio Lower Upper
83 100
55 76.9 66.2 99.2
98 47.9 38.9 58.3

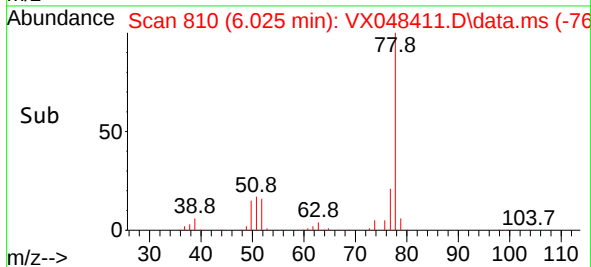
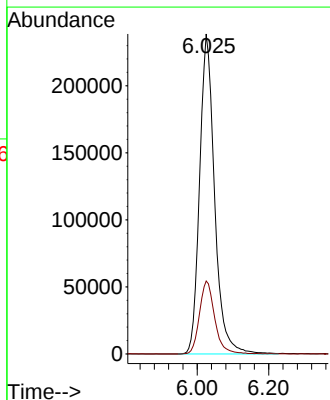
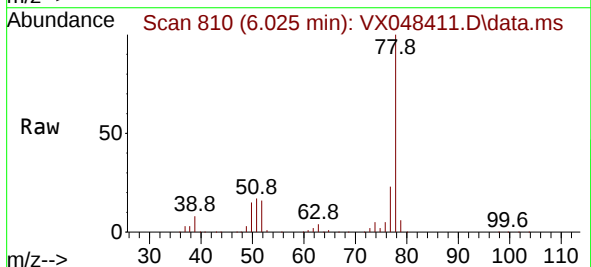
Manual Integrations
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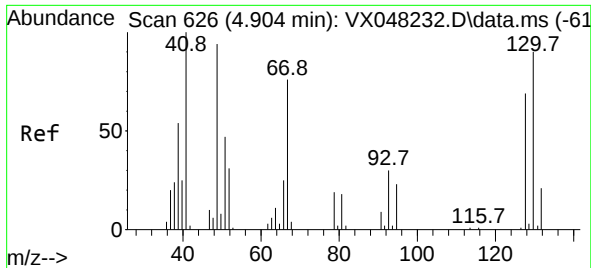
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#40
Benzene
Concen: 99.925 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

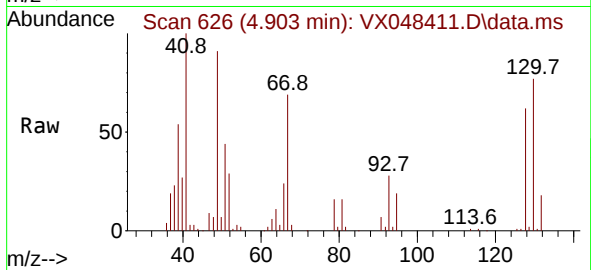
Tgt Ion: 78 Resp: 692820
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9





#41
Methacrylonitrile
Concen: 106.336 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

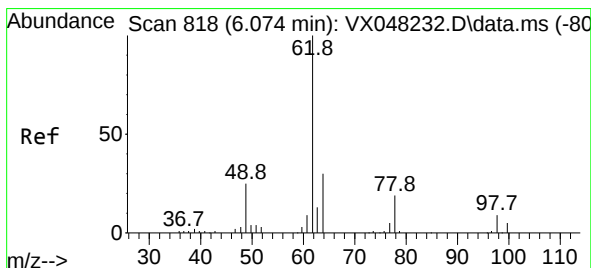
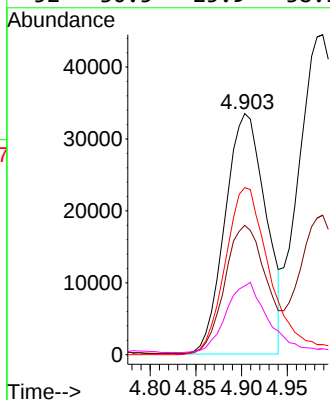
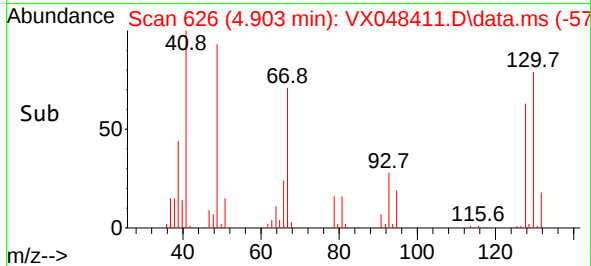
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 10356
Ion Ratio Lower Upper
41 100
39 55.4 44.0 66.0
67 79.9 58.7 88.1
52 30.5 25.9 38.9

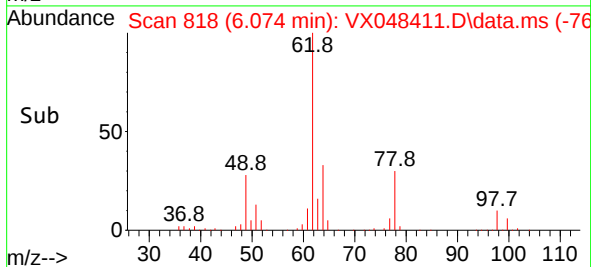
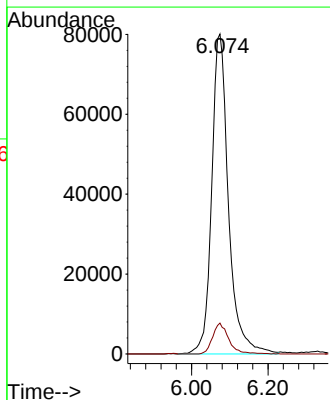
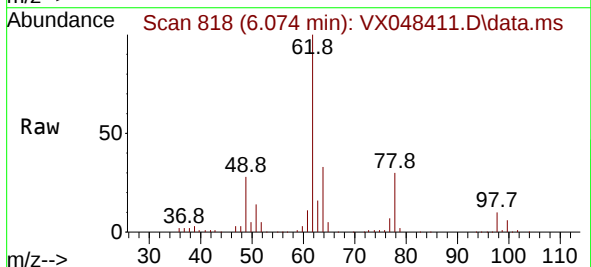
Manual Integrations
APPROVED

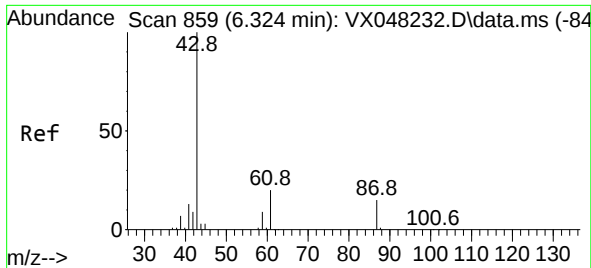
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#42
1,2-Dichloroethane
Concen: 99.869 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

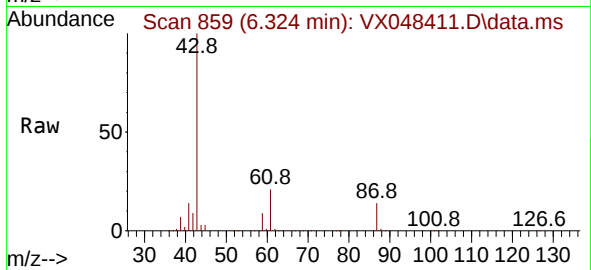
Tgt Ion: 62 Resp: 243894
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.2





#43
Isopropyl Acetate
Concen: 104.923 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

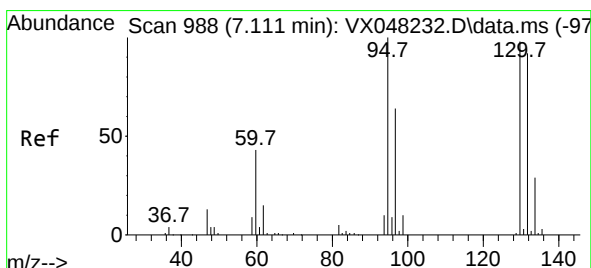
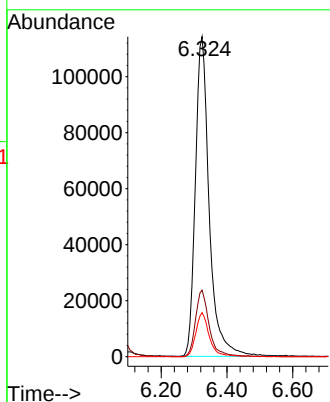
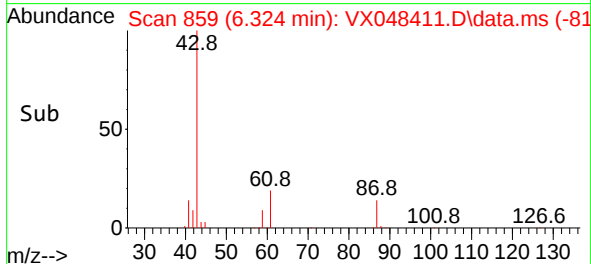
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 334952
Ion Ratio Lower Upper
43 100
61 20.5 14.9 22.3
87 13.3 9.4 14.2

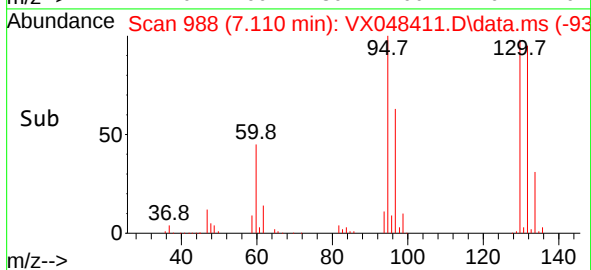
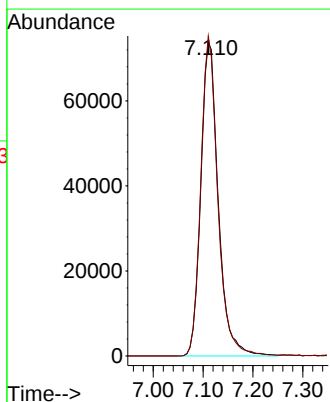
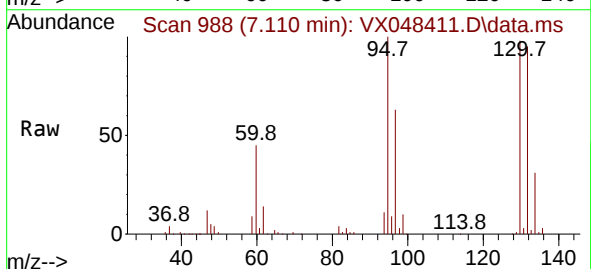
Manual Integrations
APPROVED

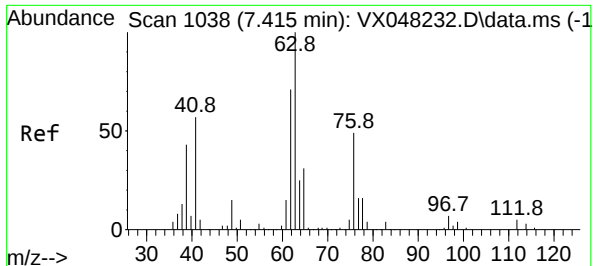
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#44
Trichloroethene
Concen: 98.882 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

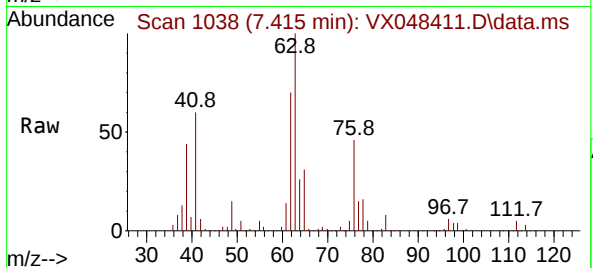
Tgt Ion:130 Resp: 179623
Ion Ratio Lower Upper
130 100
95 102.1 0.0 200.6





#45
1,2-Dichloropropane
Concen: 100.932 ug/l
RT: 7.415 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

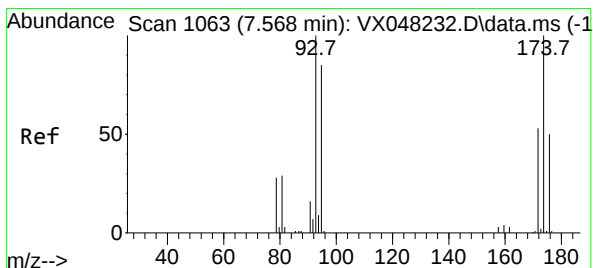
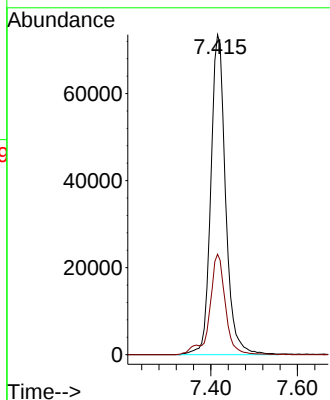
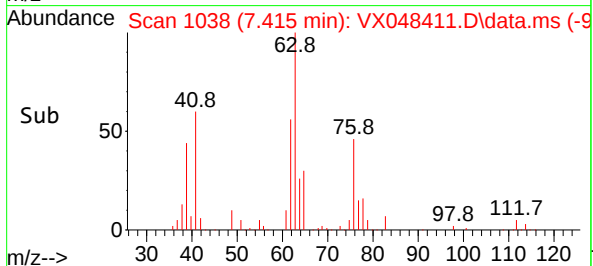
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 174772
Ion Ratio Lower Upper
63 100
65 31.4 24.1 36.1

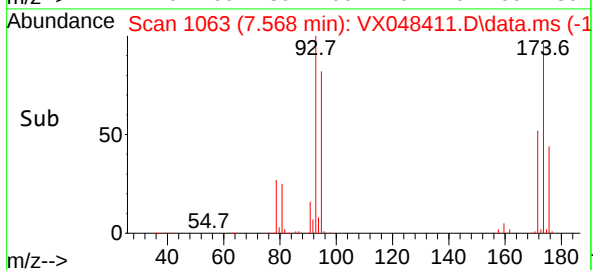
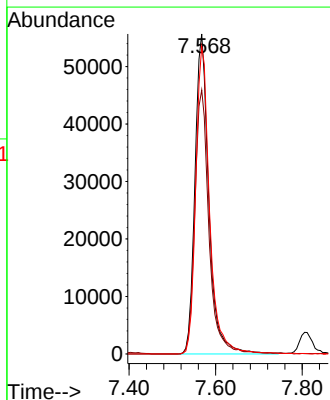
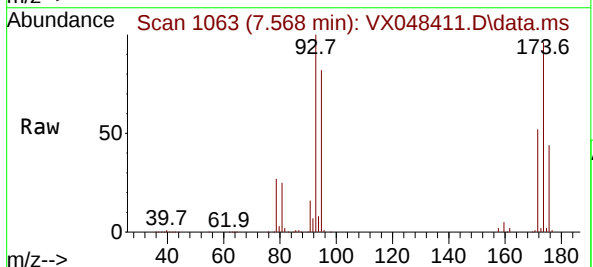
Manual Integrations
APPROVED

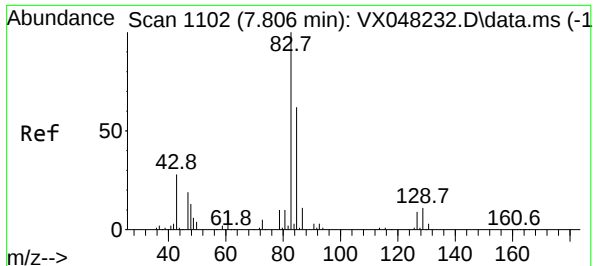
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#46
Dibromomethane
Concen: 102.224 ug/l
RT: 7.568 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Tgt Ion: 93 Resp: 123914
Ion Ratio Lower Upper
93 100
95 83.6 65.9 98.9
174 95.9 71.7 107.5





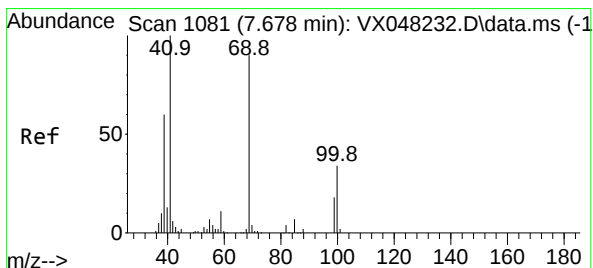
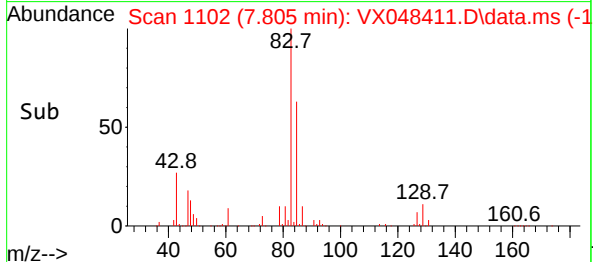
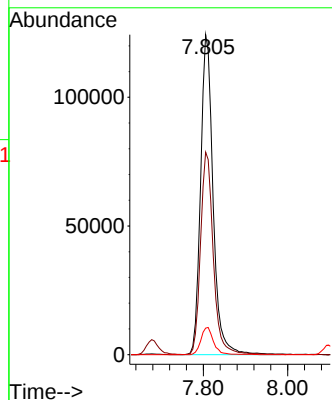
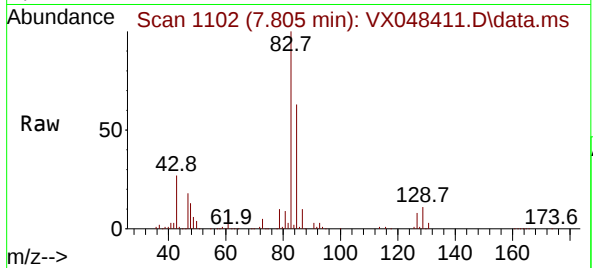
#47
Bromodichloromethane
Concen: 99.708 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 256800
Ion Ratio Lower Upper
83 100
85 63.2 52.2 78.4
127 8.3 7.3 10.9

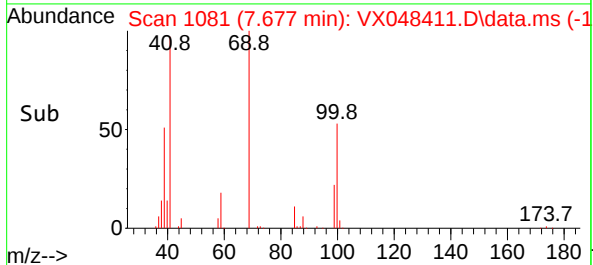
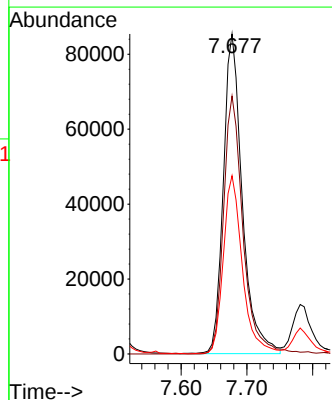
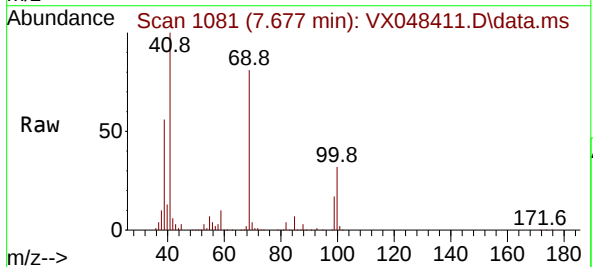
Manual Integrations
APPROVED

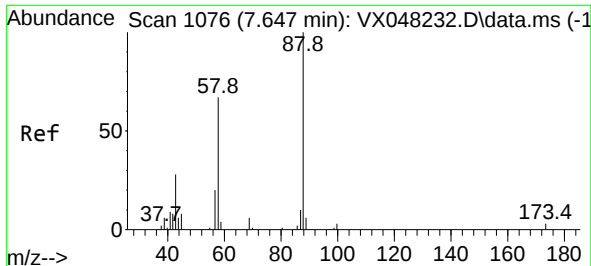
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#48
Methyl methacrylate
Concen: 109.801 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Tgt Ion: 41 Resp: 170938
Ion Ratio Lower Upper
41 100
69 83.2 63.4 95.0
39 56.1 47.1 70.7





#49

1,4-Dioxane

Concen: 2242.121 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

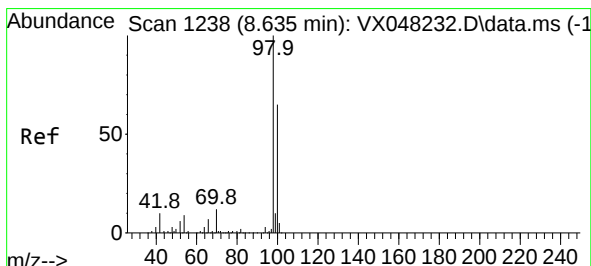
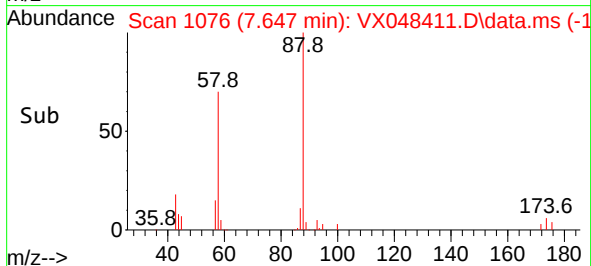
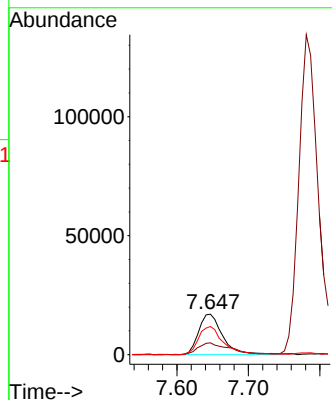
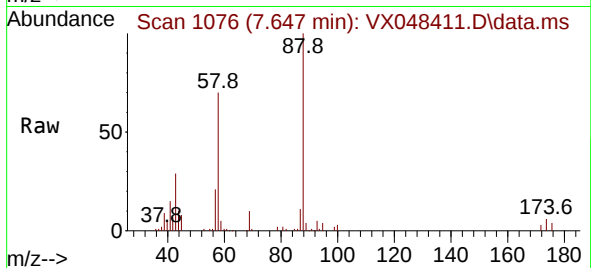
Tgt Ion:	88	Resp:	39674
Ion	Ratio	Lower	Upper
88	100		
43	37.8	35.0	52.4
58	73.2	61.9	92.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#50

Toluene-d8

Concen: 95.926 ug/l

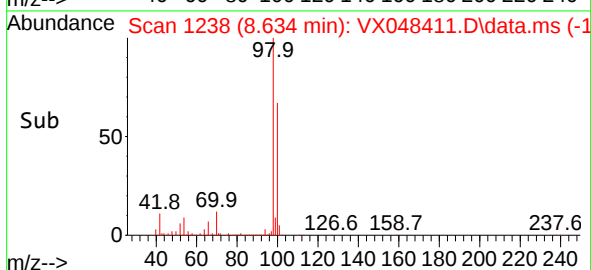
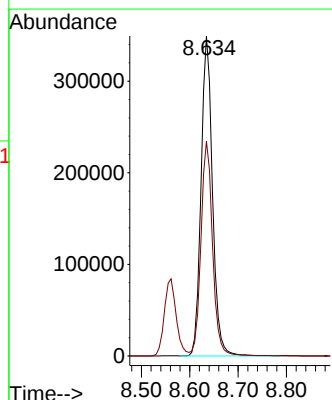
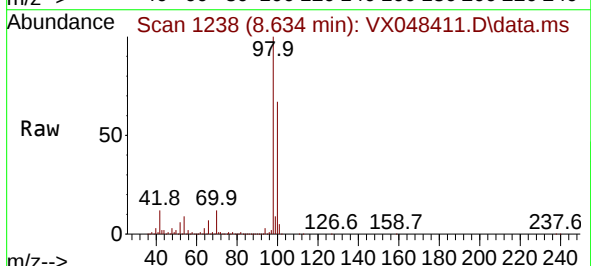
RT: 8.634 min Scan# 1238

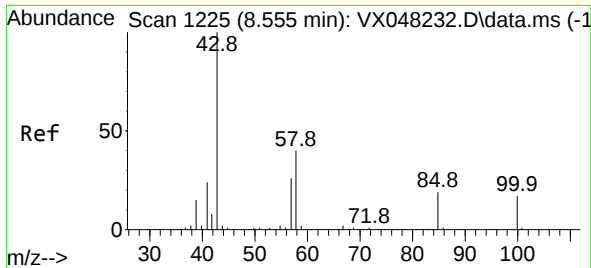
Delta R.T. -0.000 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

Tgt Ion:	98	Resp:	572267
Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.0	79.4





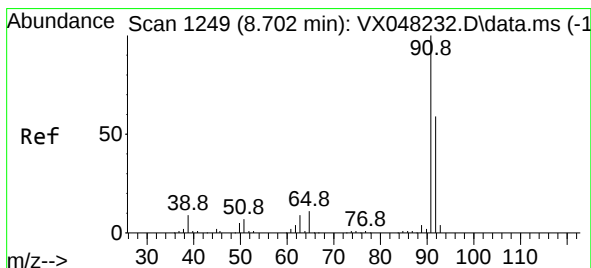
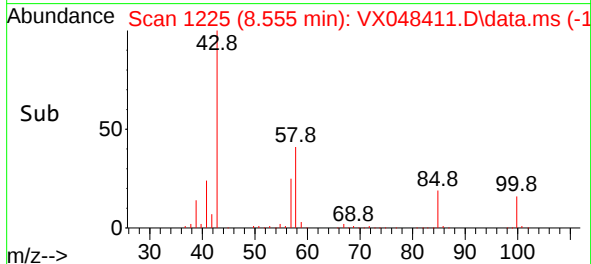
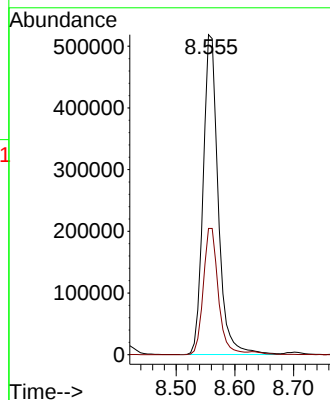
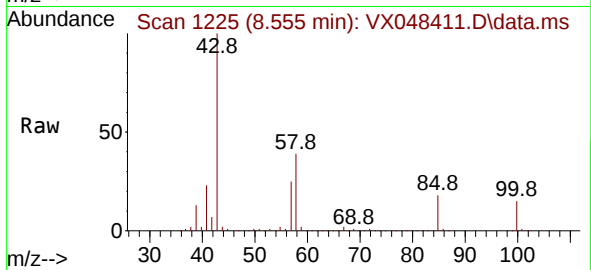
#51
4-Methyl-2-Pentanone
Concen: 521.185 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 92596
Ion Ratio Lower Upper
43 100
58 39.4 29.5 44.3

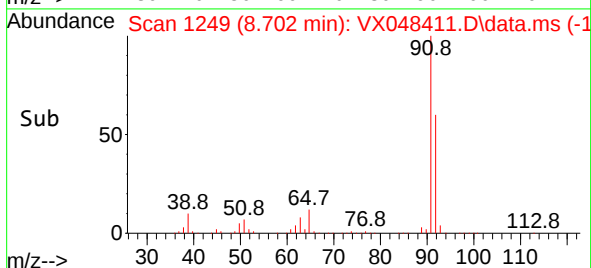
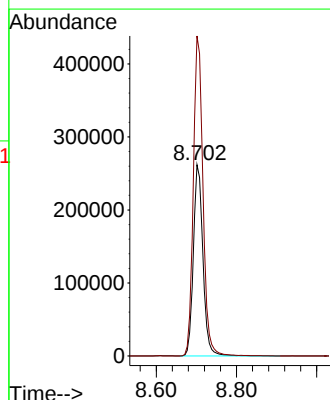
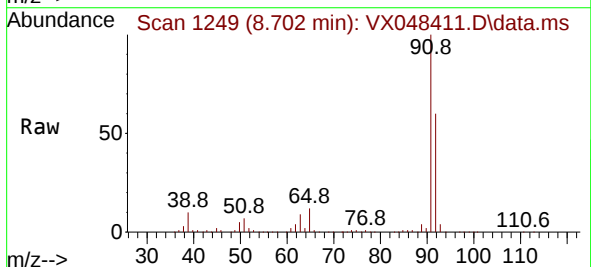
Manual Integrations
APPROVED

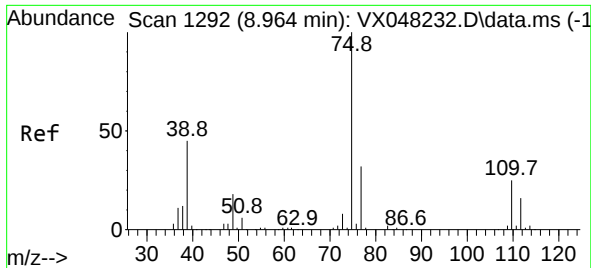
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#52
Toluene
Concen: 100.021 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Tgt Ion: 92 Resp: 433330
Ion Ratio Lower Upper
92 100
91 169.4 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 101.798 ug/l

RT: 8.964 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 23764

Ion Ratio Lower Upper

75 100

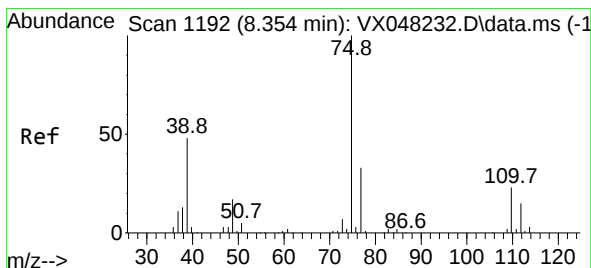
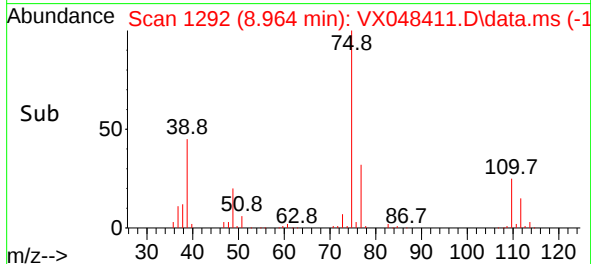
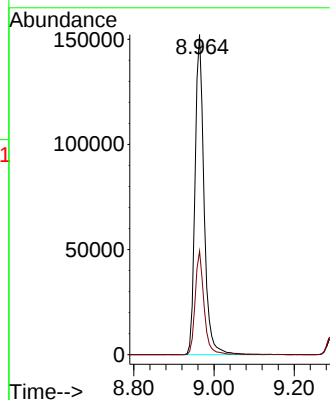
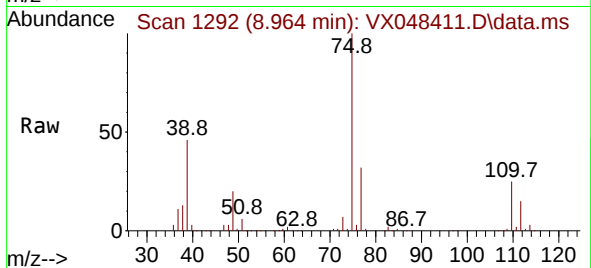
77 32.4 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#54

cis-1,3-Dichloropropene

Concen: 98.341 ug/l

RT: 8.354 min Scan# 1192

Delta R.T. -0.000 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

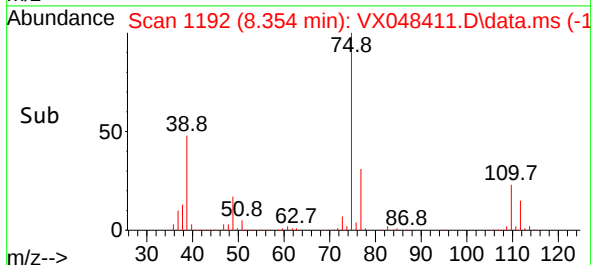
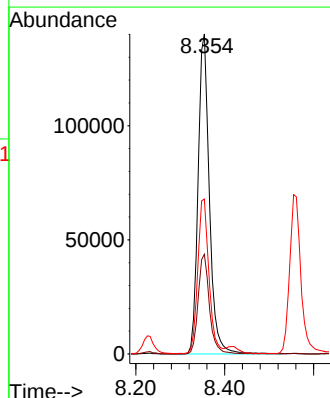
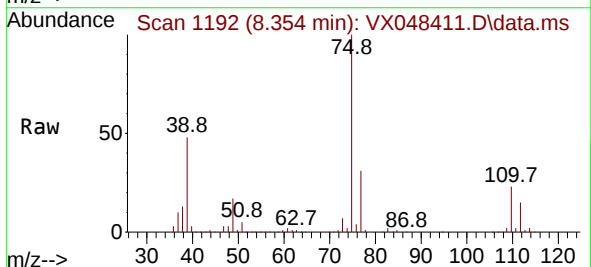
Tgt Ion: 75 Resp: 247342

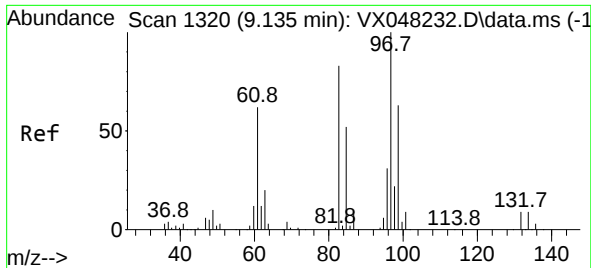
Ion Ratio Lower Upper

75 100

77 31.2 24.9 37.3

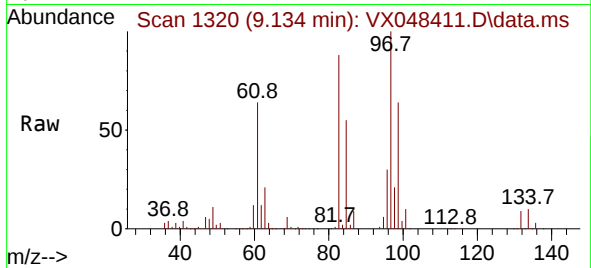
39 47.9 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 100.765 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

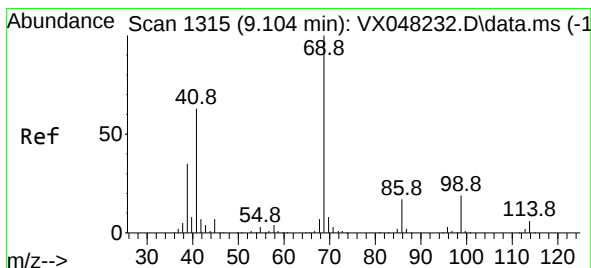
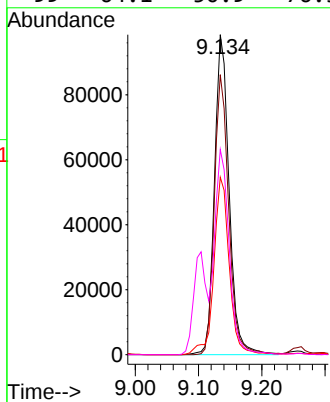
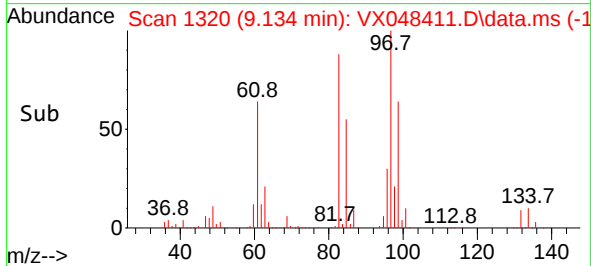
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



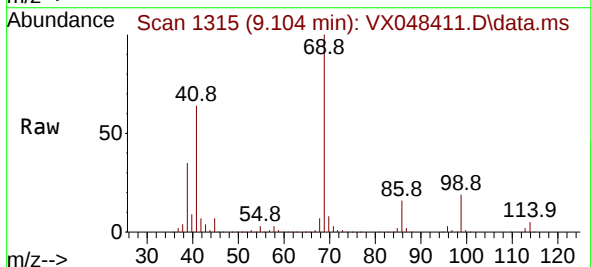
Tgt Ion: 97 Resp: 15798
Ion Ratio Lower Upper
97 100
83 87.5 70.6 105.8
85 55.5 45.0 67.6
99 64.1 50.9 76.3

Manual Integrations
APPROVED

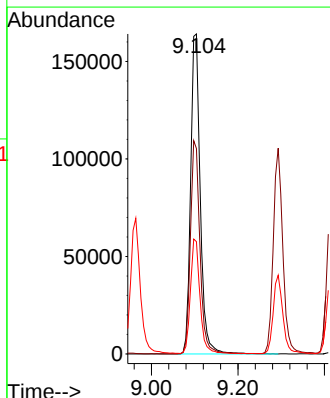
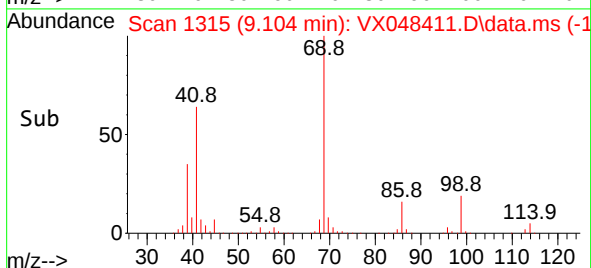
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

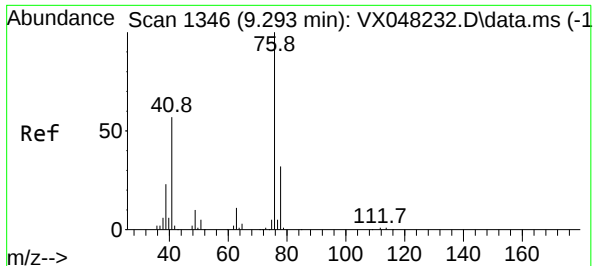


#56
Ethyl methacrylate
Concen: 110.060 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43



Tgt Ion: 69 Resp: 252667
Ion Ratio Lower Upper
69 100
41 66.2 56.0 84.0
39 35.8 31.6 47.4





#57

1,3-Dichloropropane

Concen: 100.095 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 272104

Ion Ratio Lower Upper

76 100

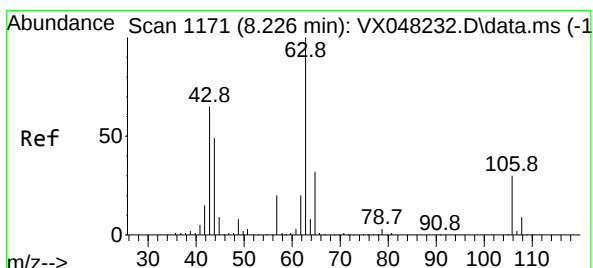
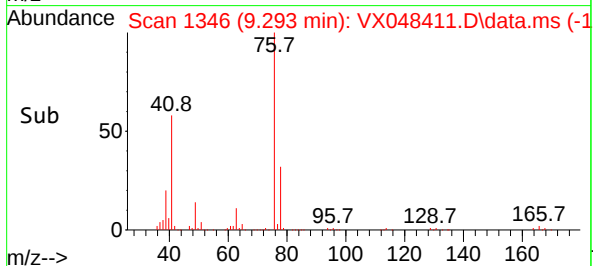
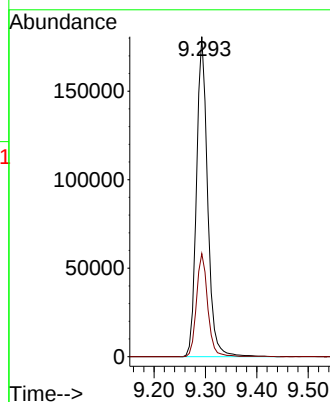
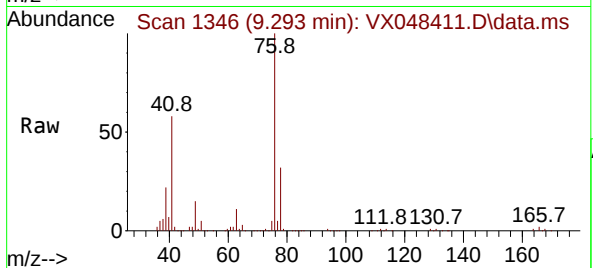
78 32.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 478.417 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048411.D

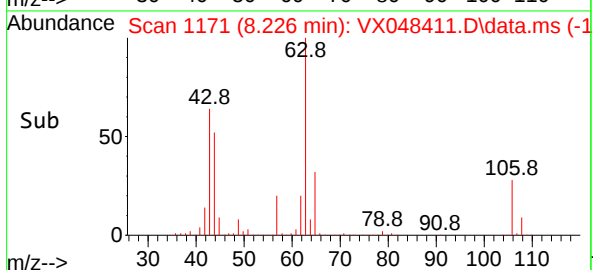
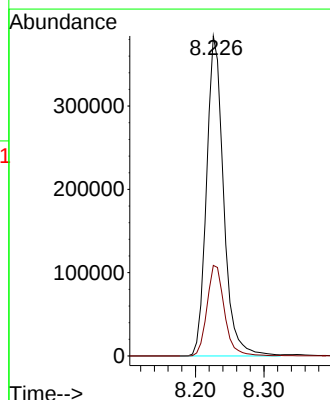
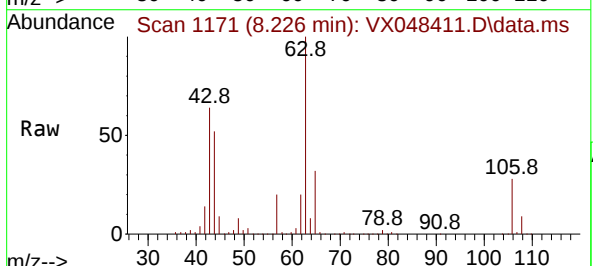
Acq: 29 Oct 2025 12:43

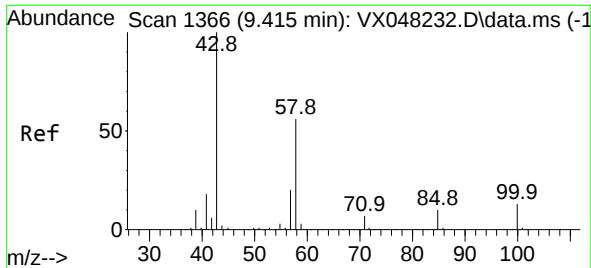
Tgt Ion: 63 Resp: 666222

Ion Ratio Lower Upper

63 100

106 29.1 22.2 33.2





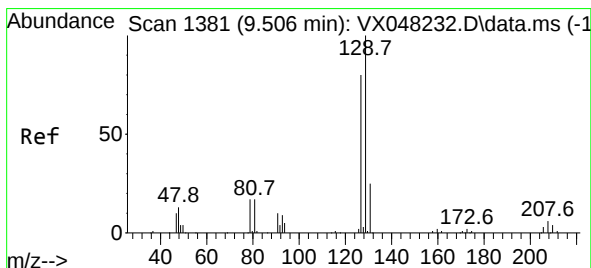
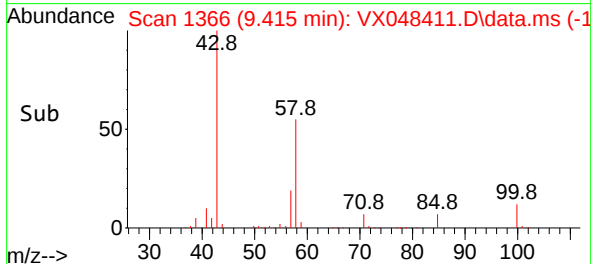
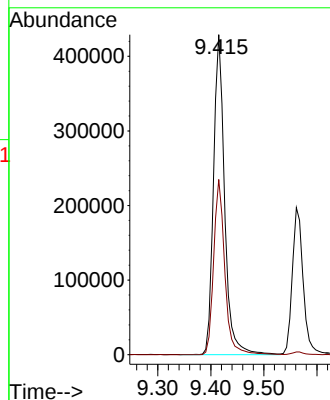
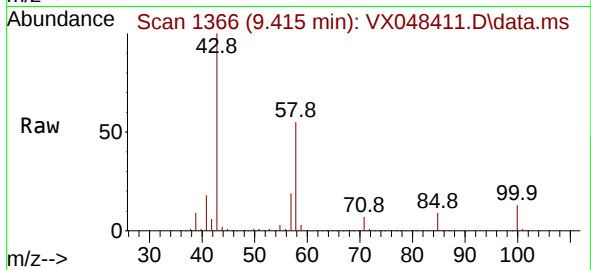
#59
2-Hexanone
Concen: 541.437 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 625915
Ion Ratio Lower Upper
43 100
58 54.7 26.3 78.8

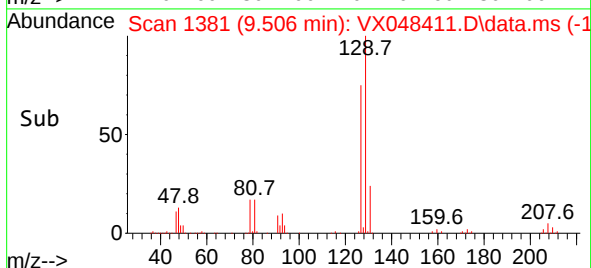
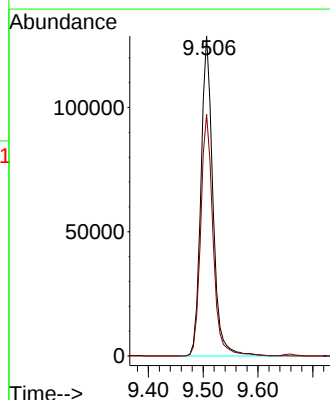
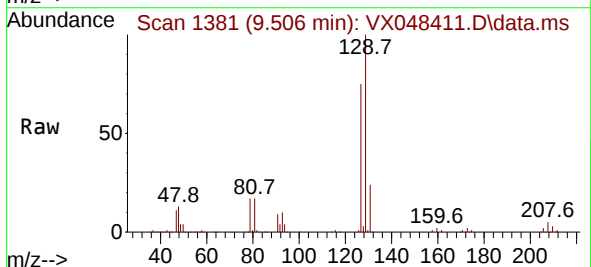
Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#60
Dibromochloromethane
Concen: 100.712 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

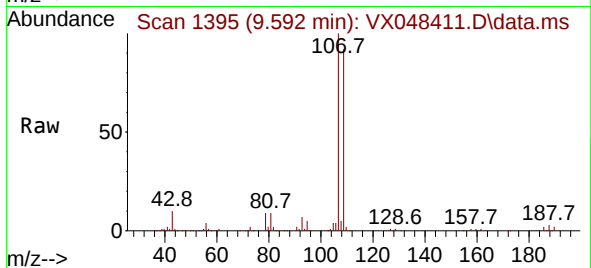
Tgt Ion:129 Resp: 195285
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7





#61
1,2-Dibromoethane
Concen: 101.951 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

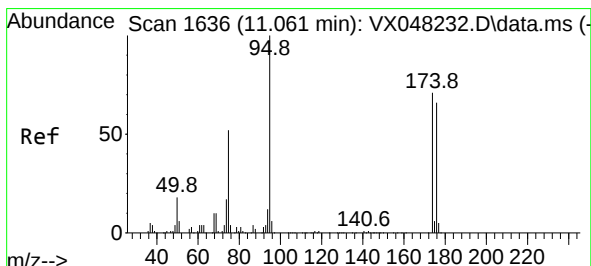
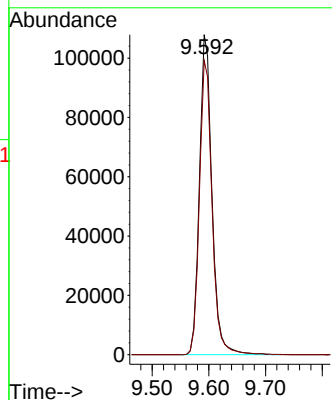
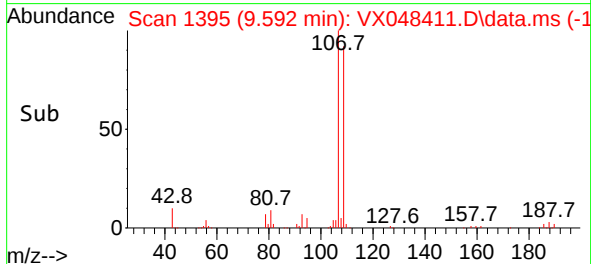
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



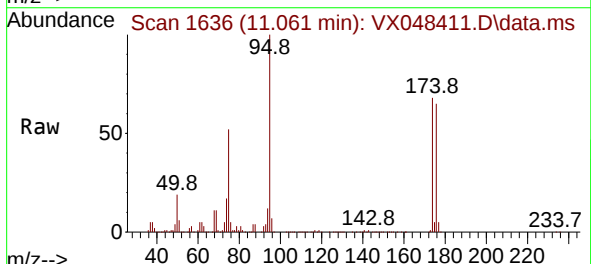
Tgt Ion:107 Resp: 165360
Ion Ratio Lower Upper
107 100
109 93.0 77.0 115.4

Manual Integrations
APPROVED

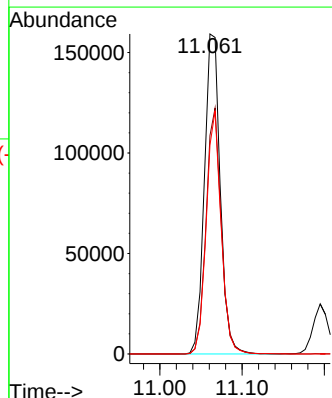
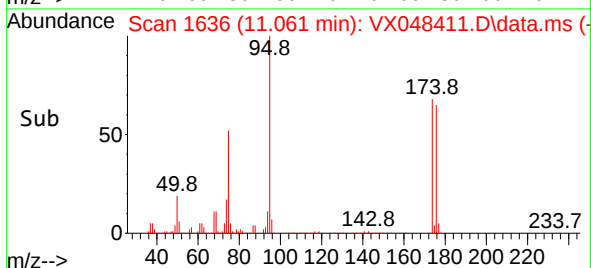
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

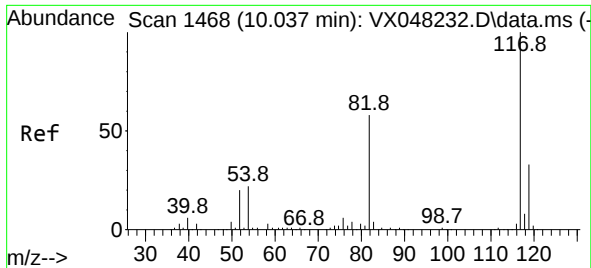


#62
4-Bromofluorobenzene
Concen: 95.278 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43



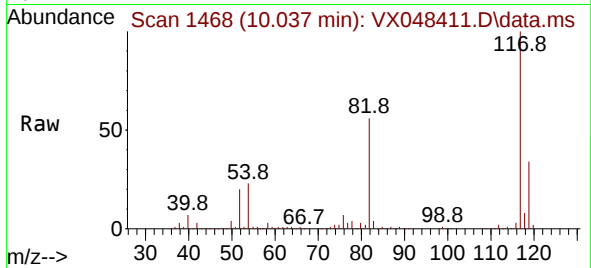
Tgt Ion: 95 Resp: 212629
Ion Ratio Lower Upper
95 100
174 73.7 0.0 147.8
176 71.4 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

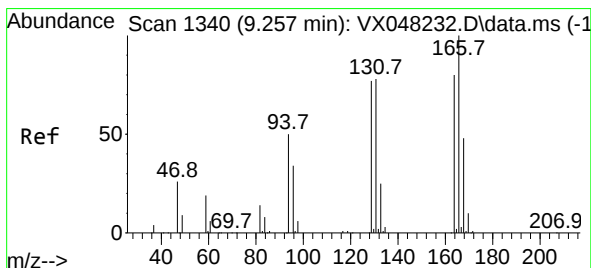
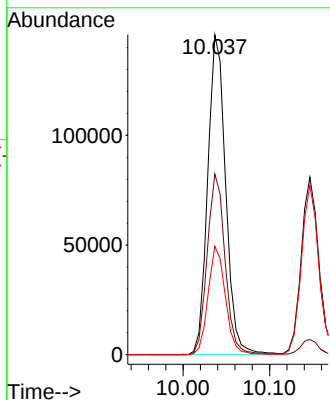
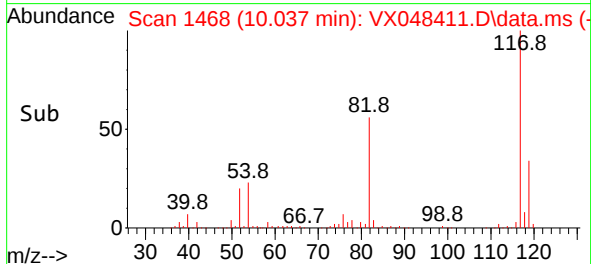
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 210324
Ion Ratio Lower Upper
117 100
82 56.2 46.5 69.7
119 33.9 25.9 38.9

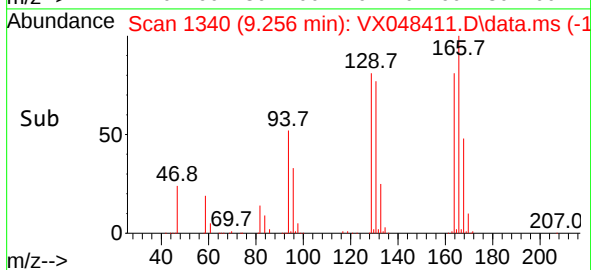
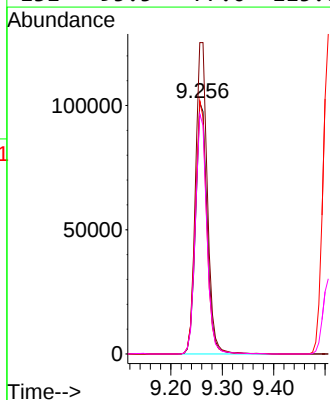
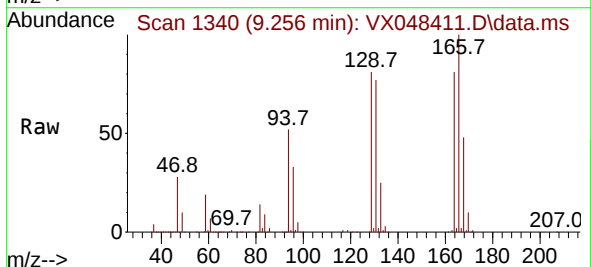
Manual Integrations
APPROVED

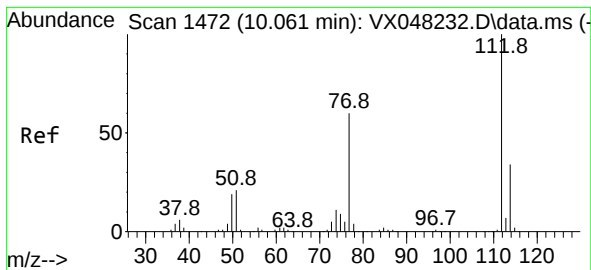
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#64
Tetrachloroethene
Concen: 93.397 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Tgt Ion:164 Resp: 158194
Ion Ratio Lower Upper
164 100
166 123.8 104.5 156.7
129 100.8 81.8 122.6
131 95.5 77.0 115.6





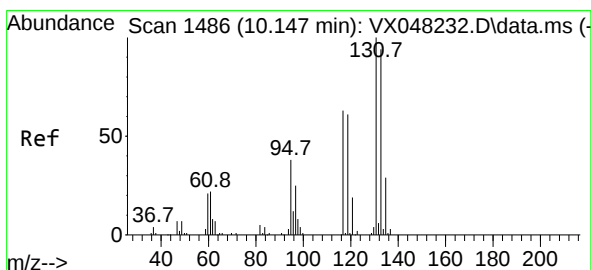
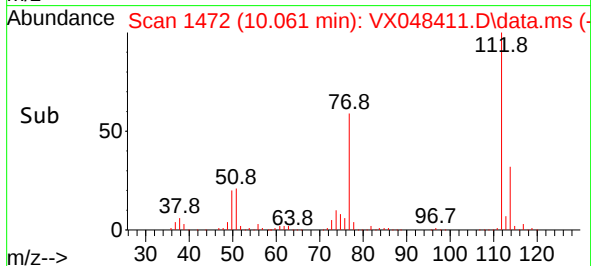
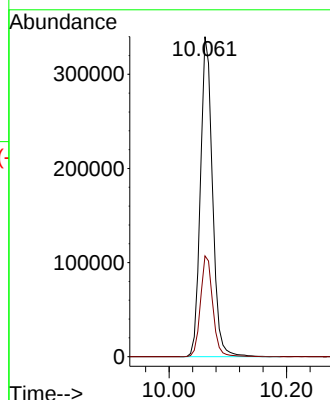
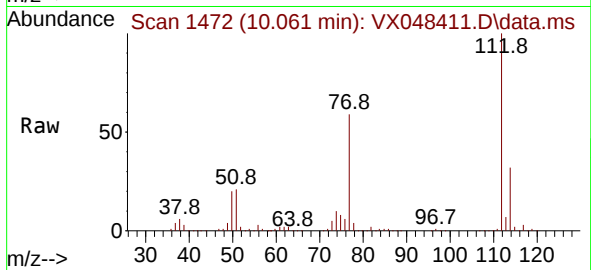
#65
Chlorobenzene
Concen: 100.215 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 48558
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2

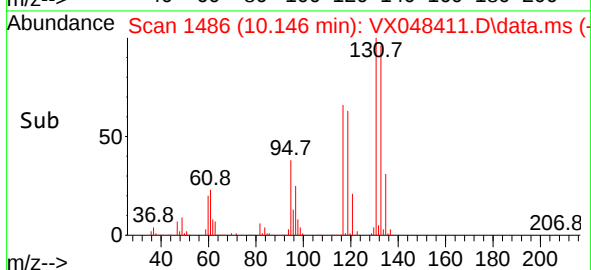
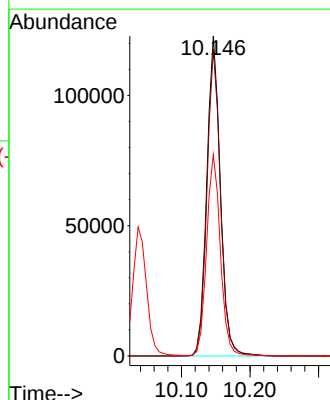
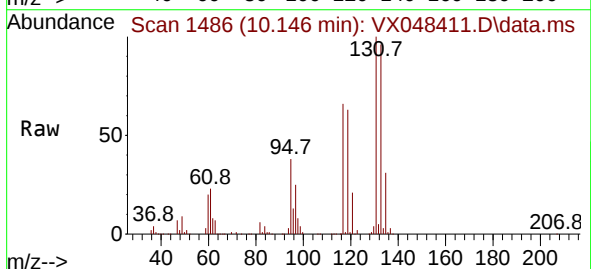
Manual Integrations
APPROVED

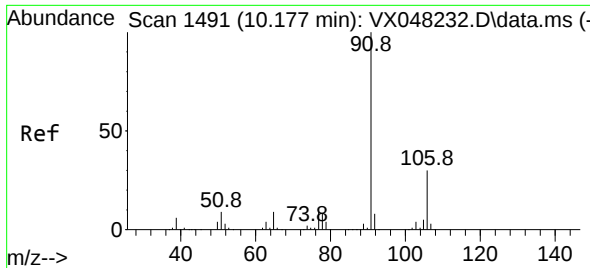
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 103.125 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Tgt Ion:131 Resp: 169971
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.8
119 63.8 32.5 97.5





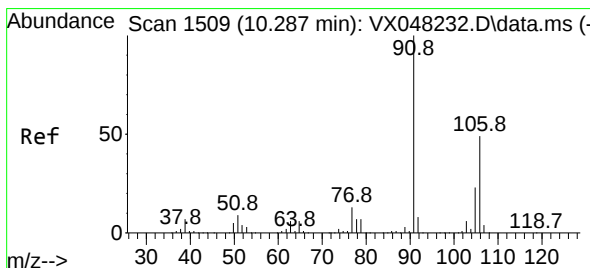
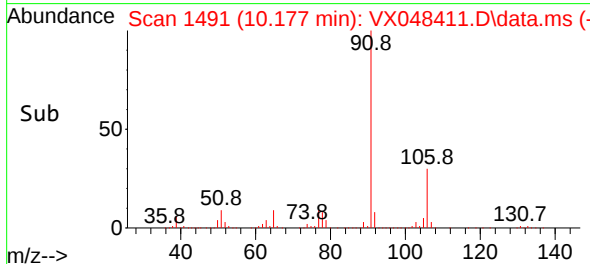
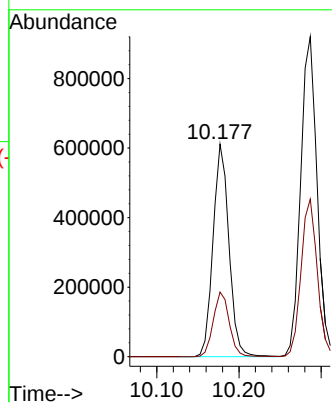
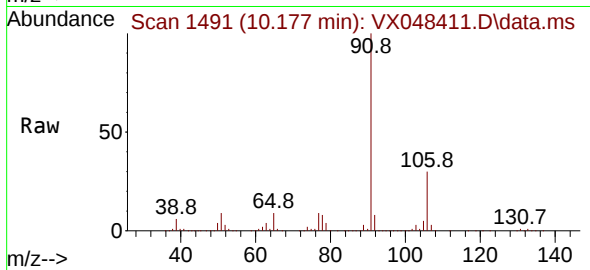
#67
Ethyl Benzene
Concen: 100.581 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 820580
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6

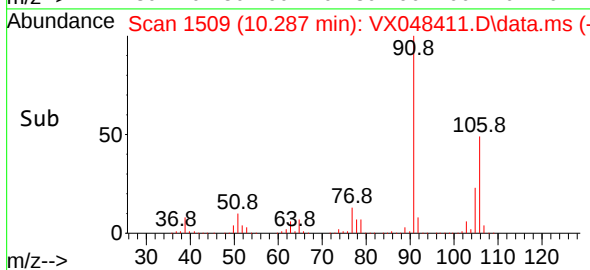
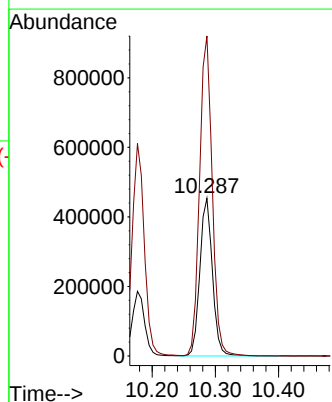
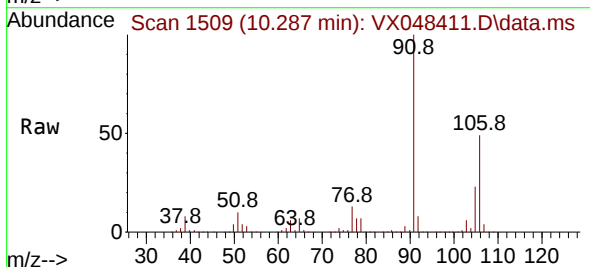
Manual Integrations
APPROVED

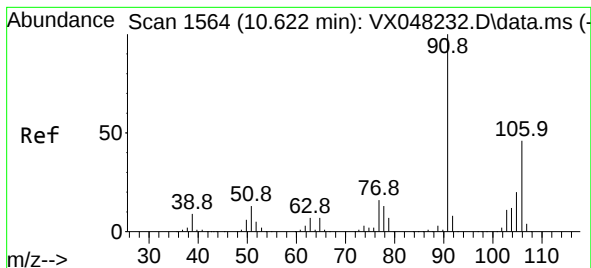
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#68
m/p-Xylenes
Concen: 202.737 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Tgt Ion:106 Resp: 626265
Ion Ratio Lower Upper
106 100
91 204.8 167.9 251.9





#69

o-Xylene

Concen: 102.675 ug/l

RT: 10.628 min Scan# 1564

Delta R.T. 0.006 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:106 Resp: 303085

Ion Ratio Lower Upper

106 100

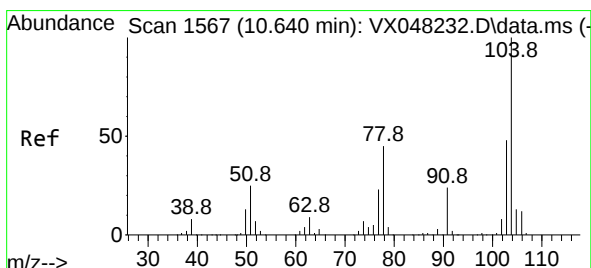
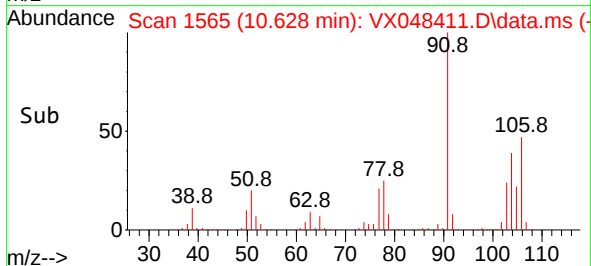
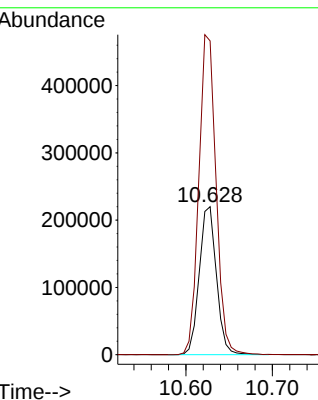
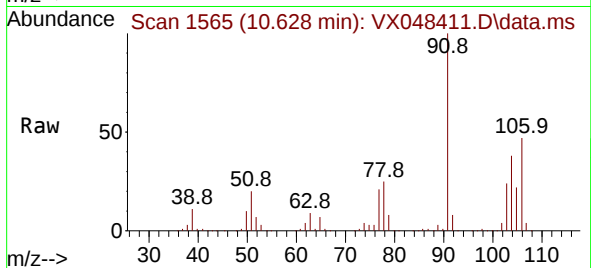
91 217.2 111.3 333.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#70

Styrene

Concen: 104.884 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

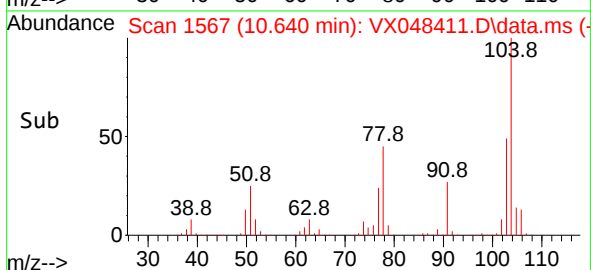
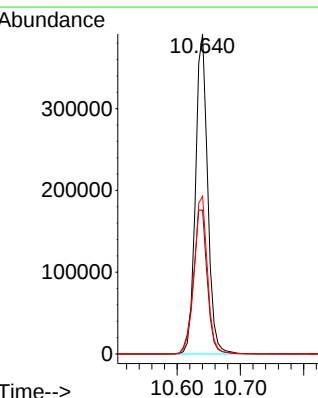
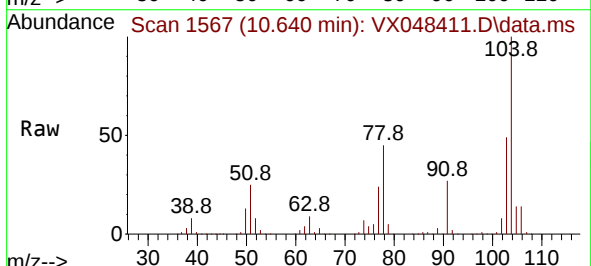
Tgt Ion:104 Resp: 524485

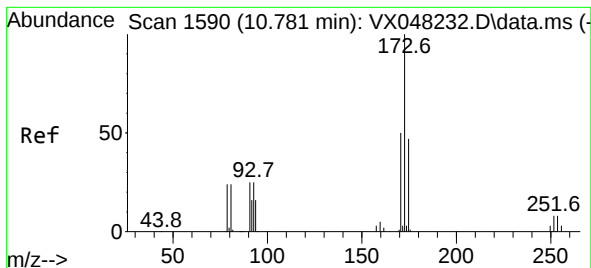
Ion Ratio Lower Upper

104 100

78 51.3 42.2 63.4

103 53.9 43.0 64.4





#71

Bromoform

Concen: 105.343 ug/l

RT: 10.780 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

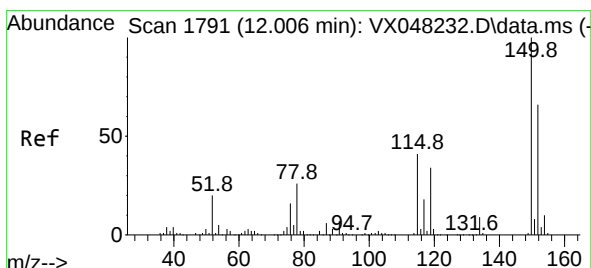
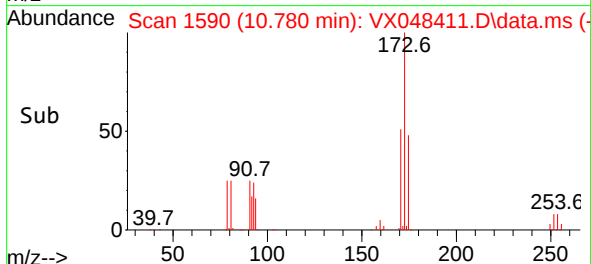
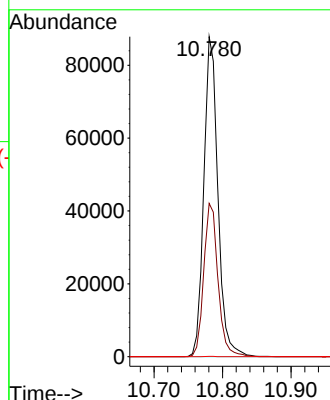
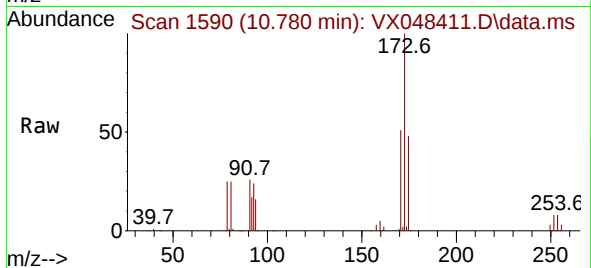
Tgt Ion:173 Resp: 125602
 Ion Ratio Lower Upper
 173 100
 175 48.5 24.0 72.0
 254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

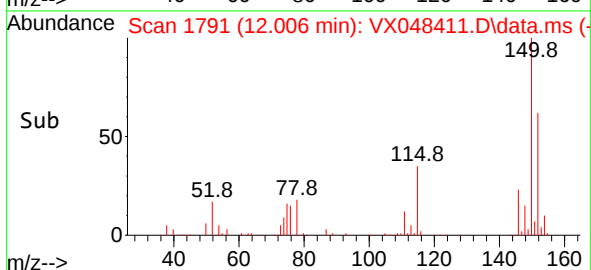
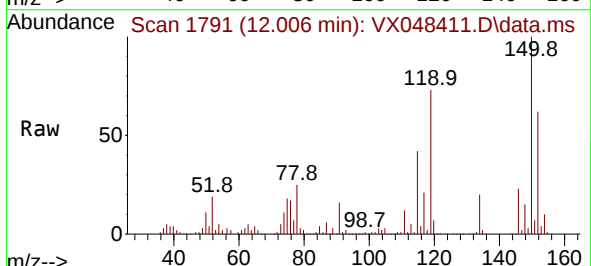
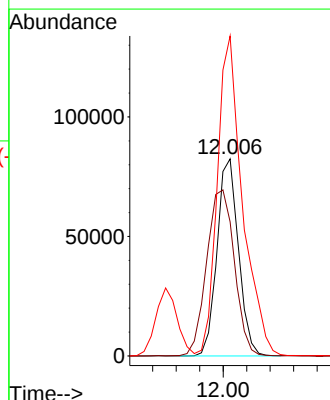
RT: 12.006 min Scan# 1791

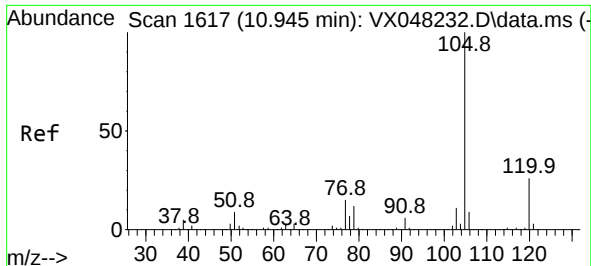
Delta R.T. -0.000 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

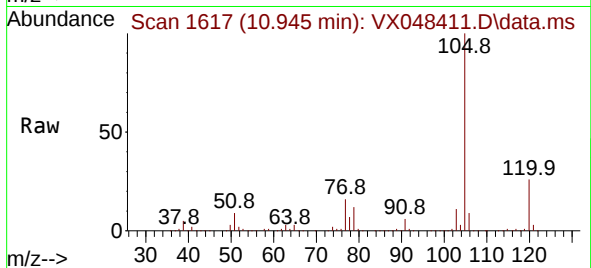
Tgt Ion:152 Resp: 104326
 Ion Ratio Lower Upper
 152 100
 115 108.9 43.1 129.4
 150 191.2 0.0 353.0





#73
Isopropylbenzene
Concen: 100.054 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

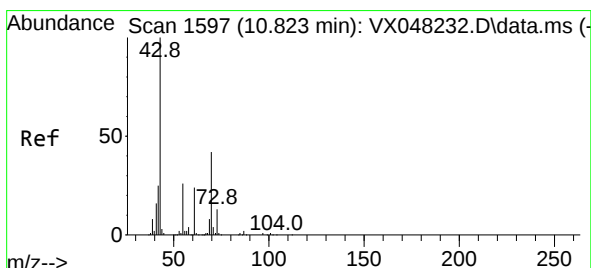
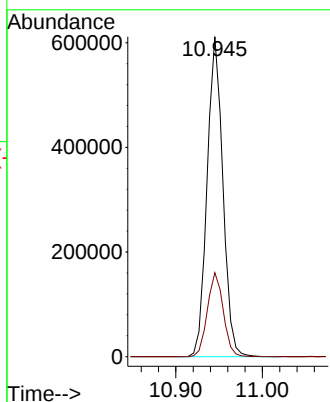
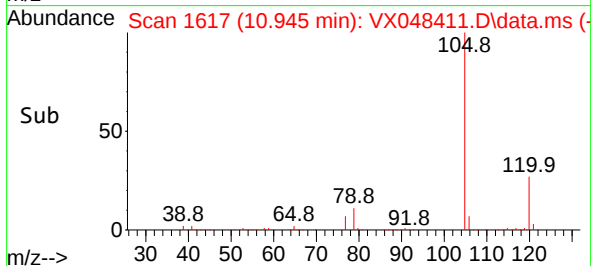
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:105 Resp: 772060
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9

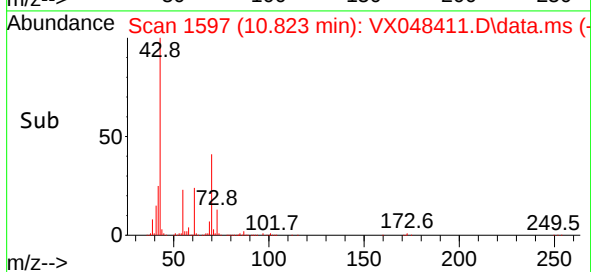
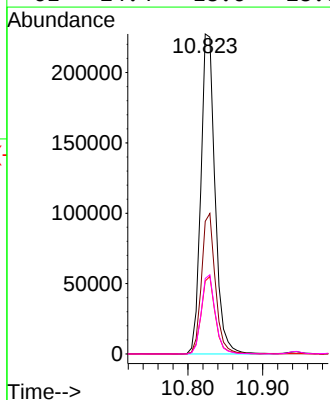
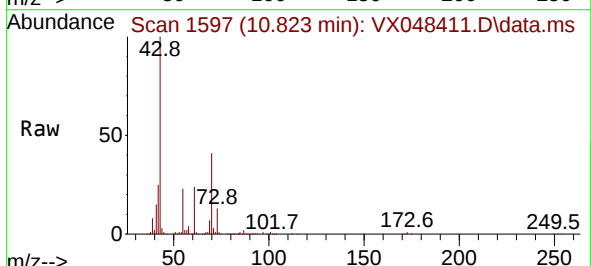
Manual Integrations
APPROVED

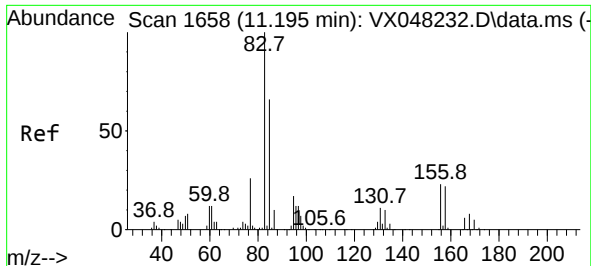
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#74
N-ethyl acetate
Concen: 108.827 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

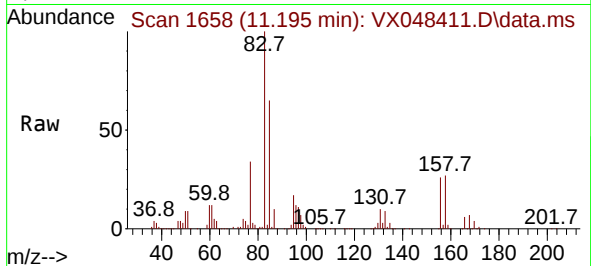
Tgt Ion: 43 Resp: 299571
Ion Ratio Lower Upper
43 100
70 43.0 32.2 48.2
55 24.0 19.1 28.7
61 24.4 18.6 28.0





#75
1,1,2,2-Tetrachloroethane
Concen: 102.062 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

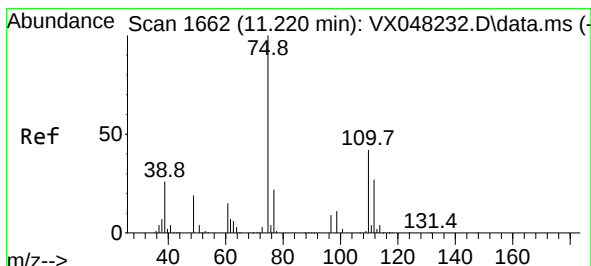
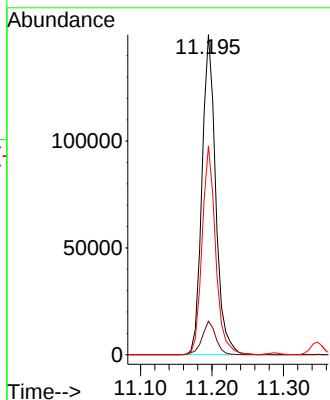
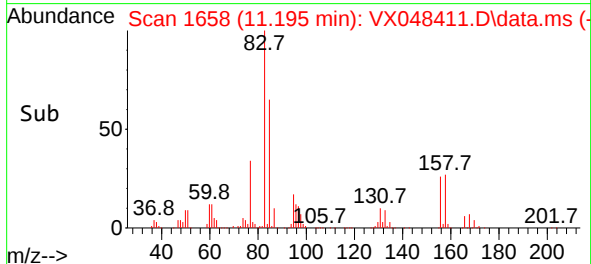
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



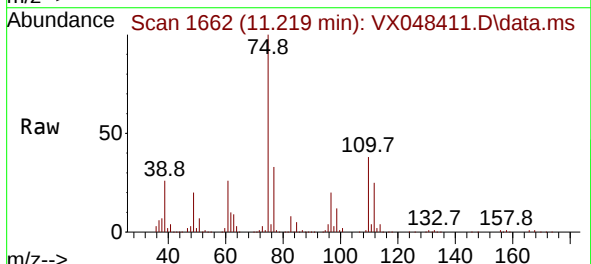
Tgt Ion: 83 Resp: 199484
Ion Ratio Lower Upper
83 100
131 10.5 4.8 14.4
85 64.2 31.9 95.7

Manual Integrations
APPROVED

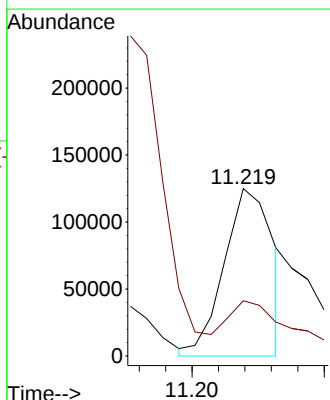
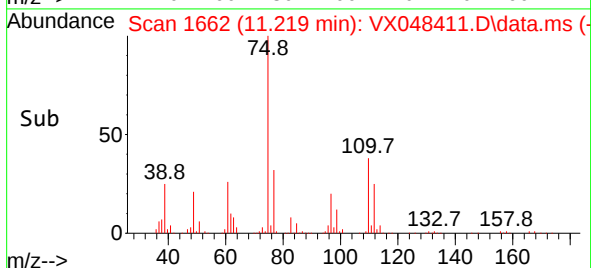
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

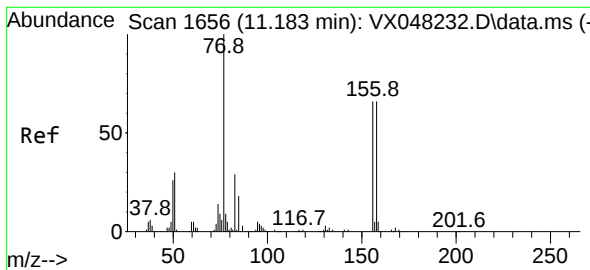


#76
1,2,3-Trichloropropane
Concen: 98.087 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43



Tgt Ion: 75 Resp: 159600
Ion Ratio Lower Upper
75 100
77 43.4 22.4 67.2





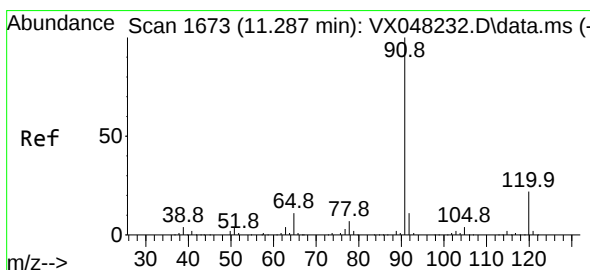
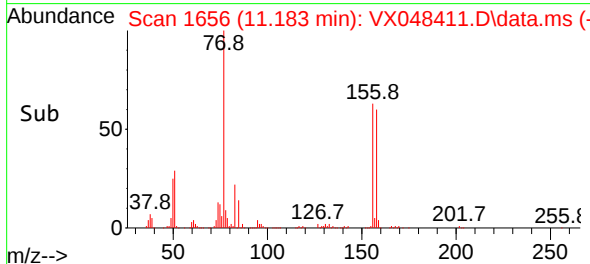
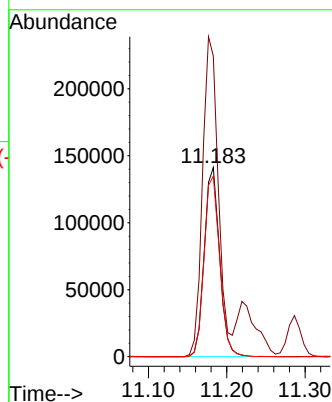
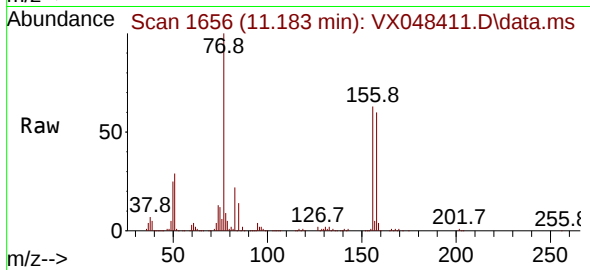
#77
Bromobenzene
Concen: 100.568 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:156 Resp: 19169
Ion Ratio Lower Upper
156 100
77 174.0 87.0 261.0
158 97.5 47.8 143.4

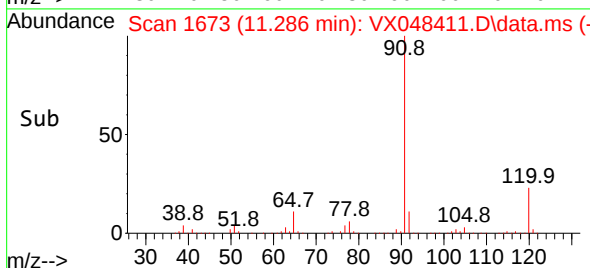
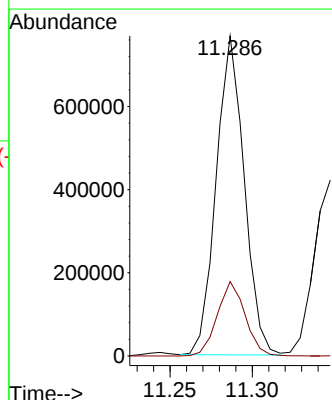
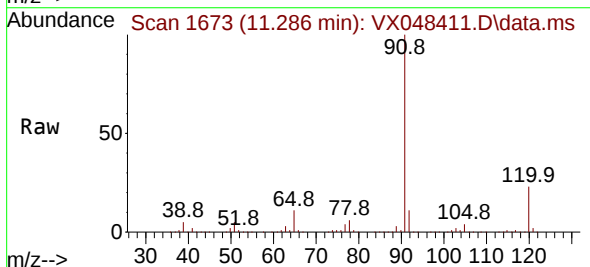
Manual Integrations
APPROVED

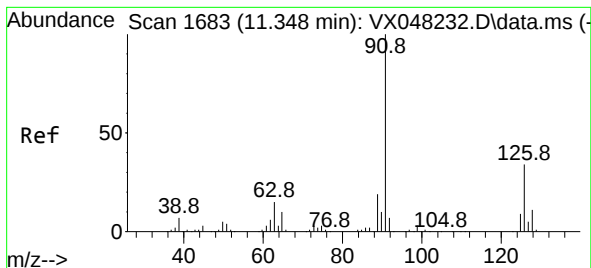
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#78
n-propylbenzene
Concen: 99.564 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Tgt Ion: 91 Resp: 908036
Ion Ratio Lower Upper
91 100
120 23.2 11.1 33.1





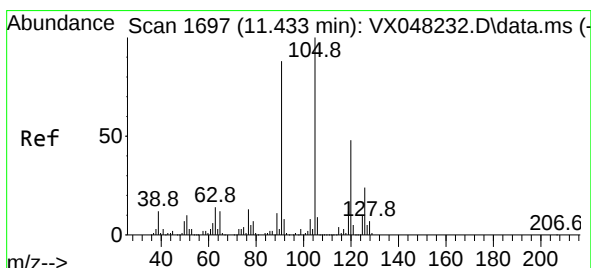
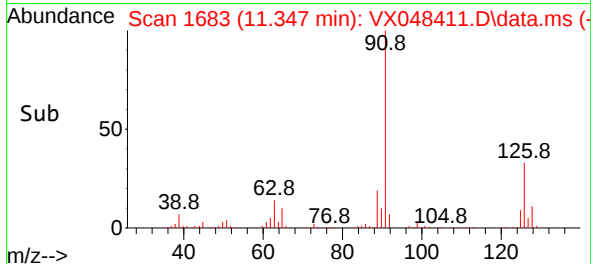
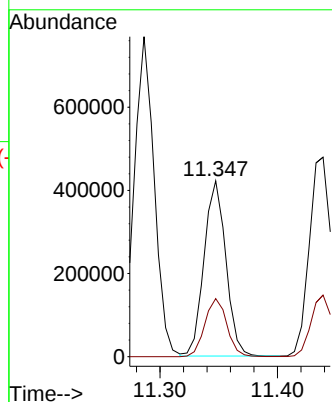
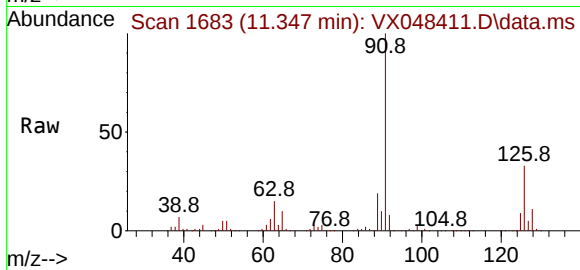
#79
2-Chlorotoluene
Concen: 99.407 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 544328
Ion Ratio Lower Upper
91 100
126 33.6 16.4 49.4

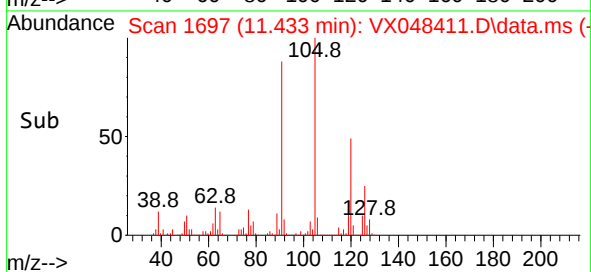
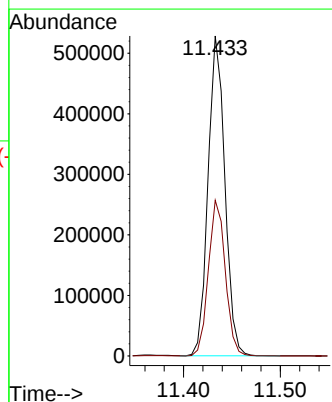
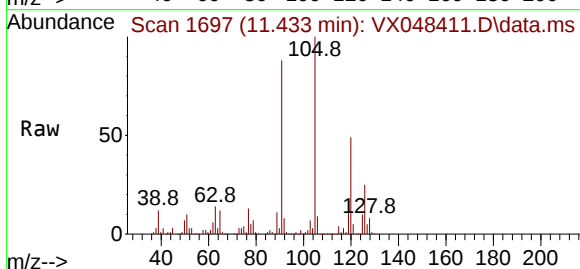
Manual Integrations
APPROVED

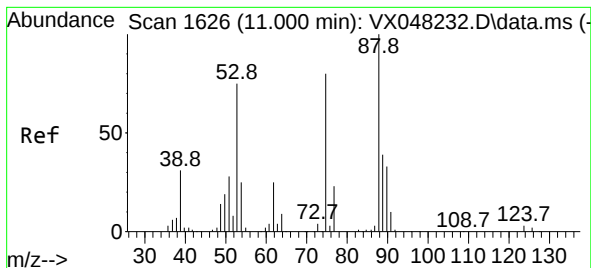
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 101.097 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Tgt Ion:105 Resp: 639478
Ion Ratio Lower Upper
105 100
120 49.0 24.0 72.0





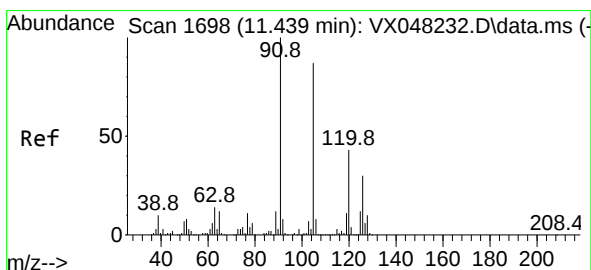
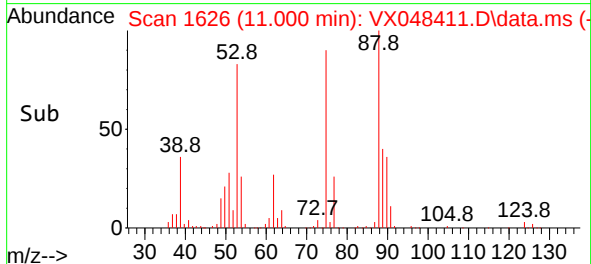
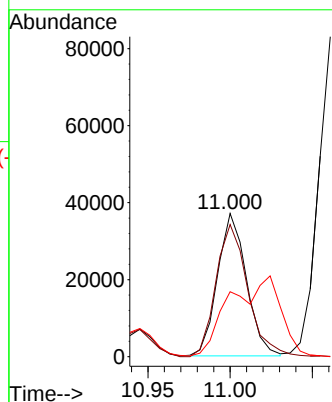
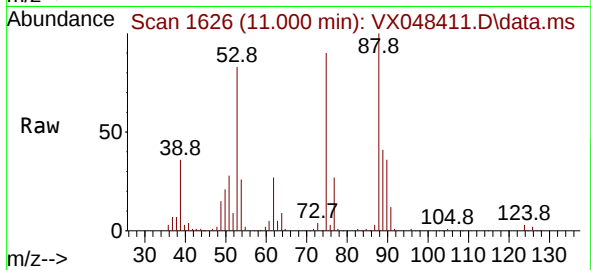
#81
trans-1,4-Dichloro-2-butene
Concen: 104.353 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 75 Resp: 4524
Ion Ratio Lower Upper
75 100
53 102.8 79.5 119.3
89 0.0 36.8 55.2

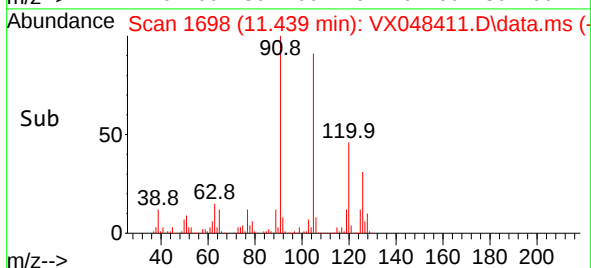
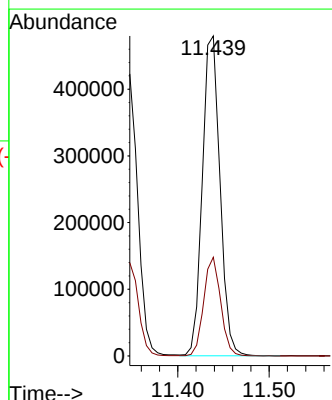
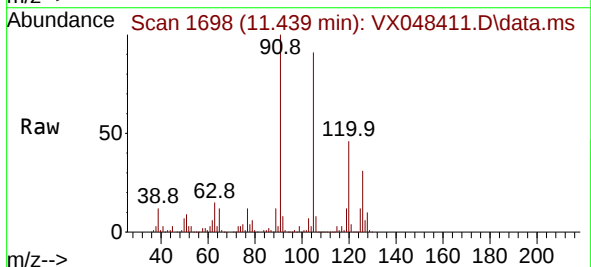
Manual Integrations
APPROVED

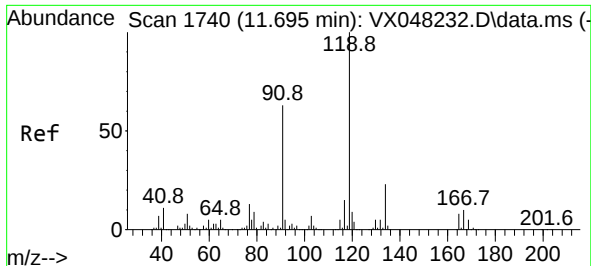
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#82
4-Chlorotoluene
Concen: 99.695 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

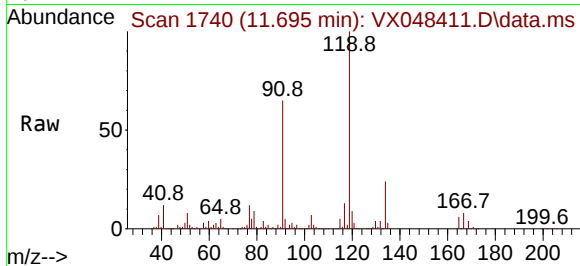
Tgt Ion: 91 Resp: 641755
Ion Ratio Lower Upper
91 100
126 29.7 14.1 42.4





#83
tert-Butylbenzene
Concen: 100.392 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

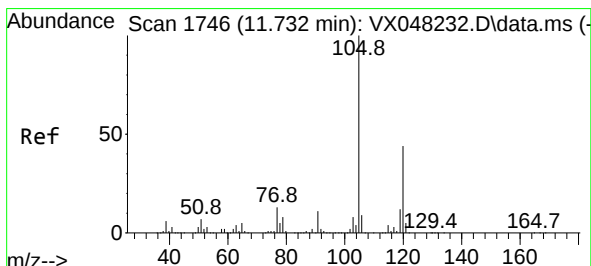
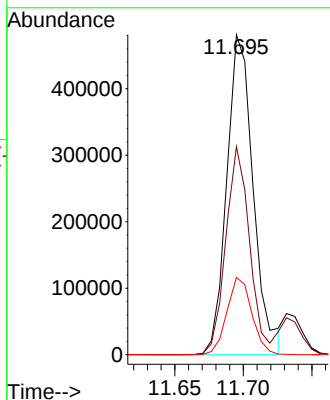
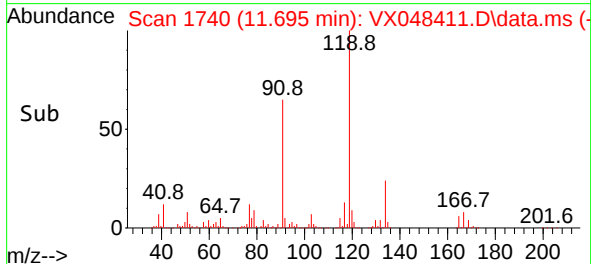
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



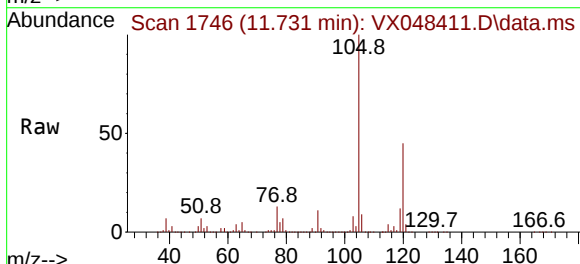
Tgt Ion:119 Resp: 646483
Ion Ratio Lower Upper
119 100
91 58.4 30.3 91.0
134 22.8 11.4 34.2

Manual Integrations
APPROVED

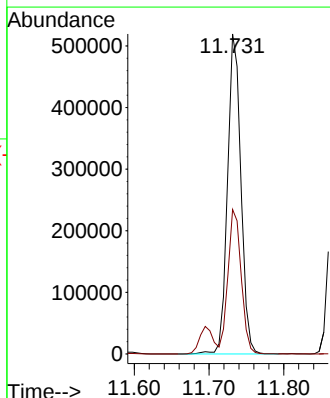
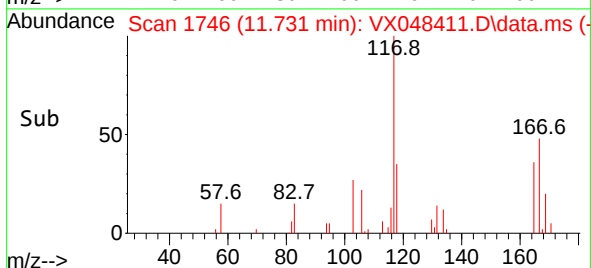
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

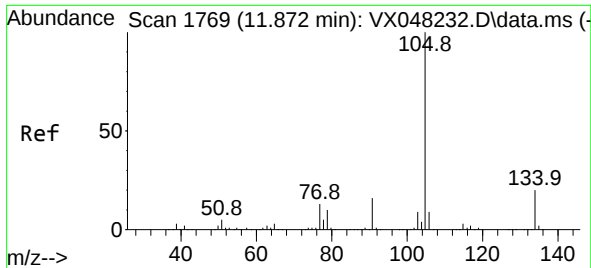


#84
1,2,4-Trimethylbenzene
Concen: 102.686 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43



Tgt Ion:105 Resp: 643122
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.5





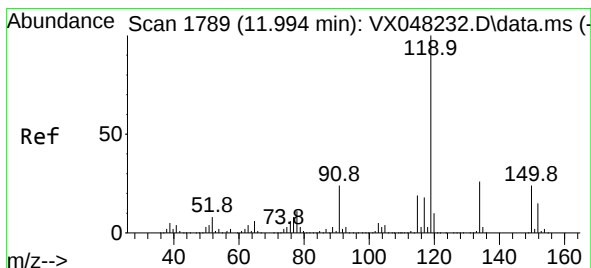
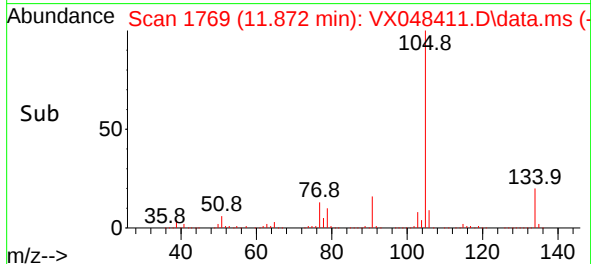
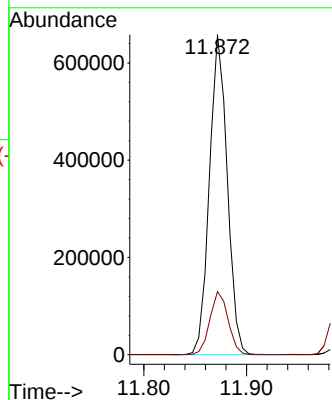
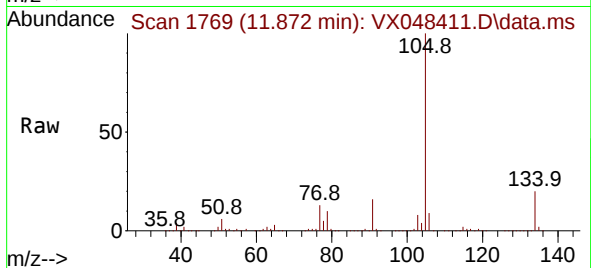
#85
 sec-Butylbenzene
 Concen: 98.644 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048411.D
 Acq: 29 Oct 2025 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 79150
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

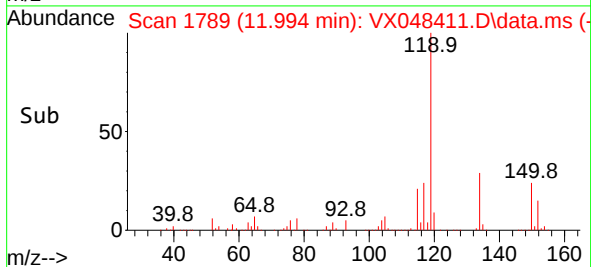
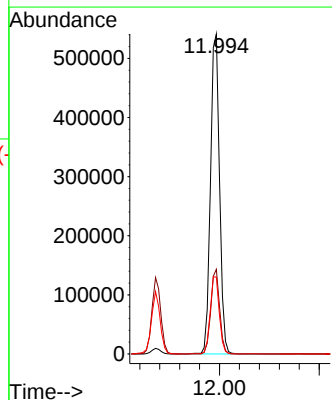
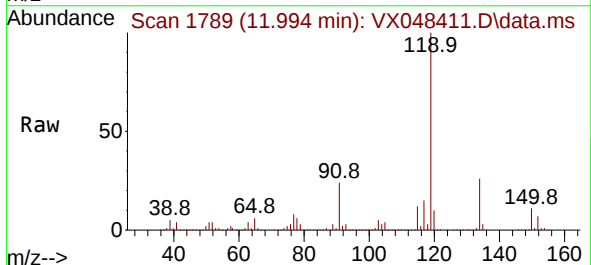
Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025



#86
 p-Isopropyltoluene
 Concen: 100.170 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. 0.006 min
 Lab File: VX048411.D
 Acq: 29 Oct 2025 12:43

Tgt Ion:119 Resp: 679495
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 24.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 95.499 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 34764

Ion Ratio Lower Upper

146 100

111 42.2 20.4 61.2

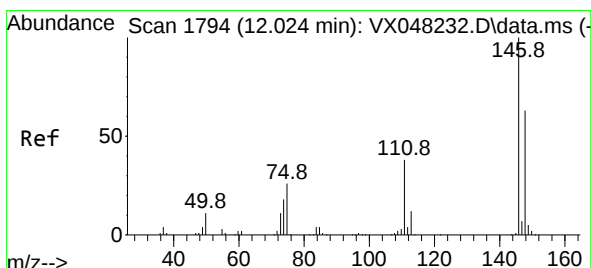
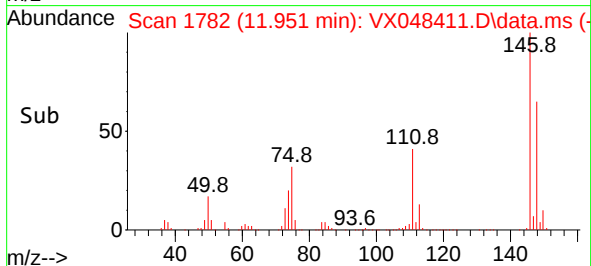
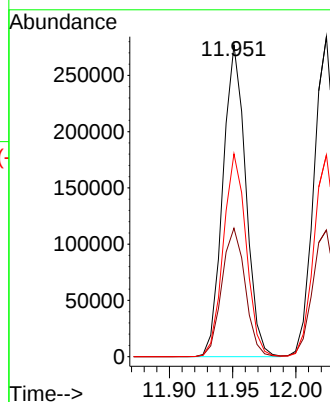
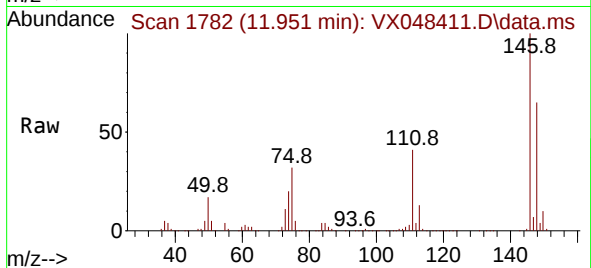
148 65.0 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#88

1,4-Dichlorobenzene

Concen: 94.761 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

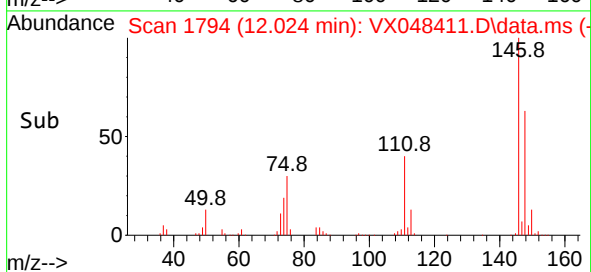
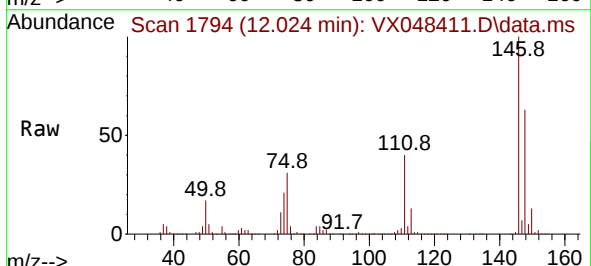
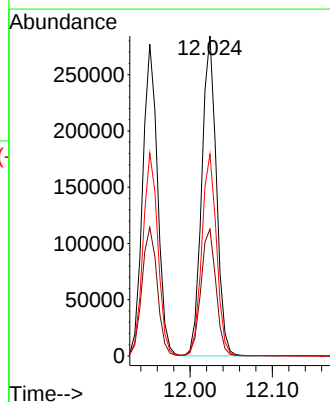
Tgt Ion:146 Resp: 351340

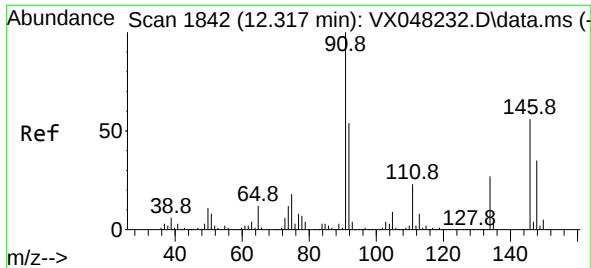
Ion Ratio Lower Upper

146 100

111 40.9 20.1 60.2

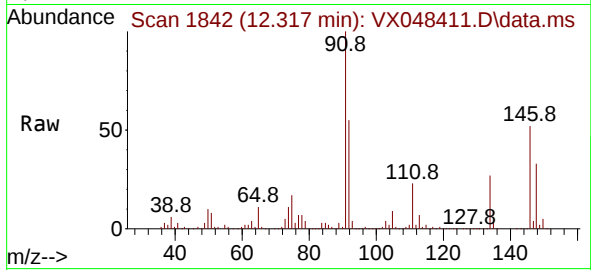
148 63.7 31.8 95.3





#89
n-Butylbenzene
Concen: 98.374 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

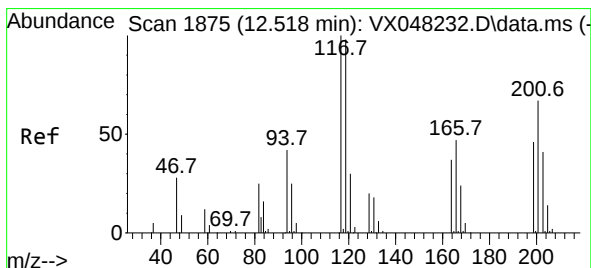
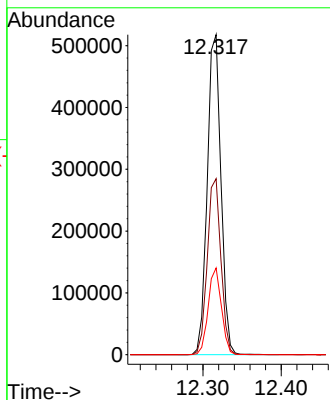
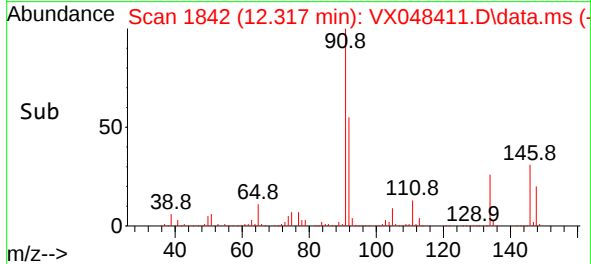
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 62653
Ion Ratio Lower Upper
91 100
92 55.0 26.9 80.6
134 26.2 12.7 38.1

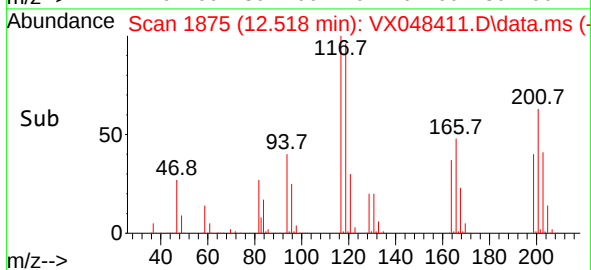
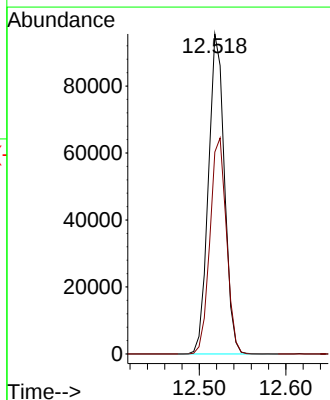
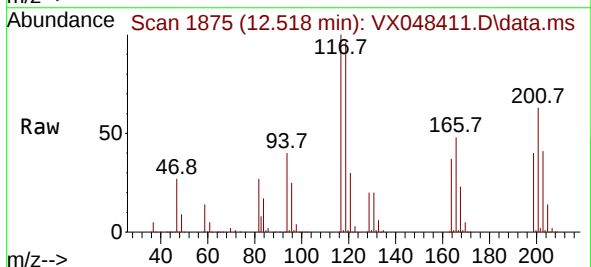
Manual Integrations
APPROVED

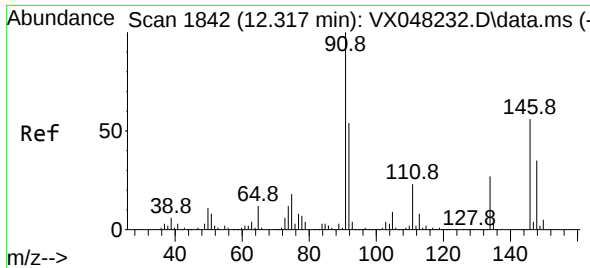
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025



#90
Hexachloroethane
Concen: 103.167 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

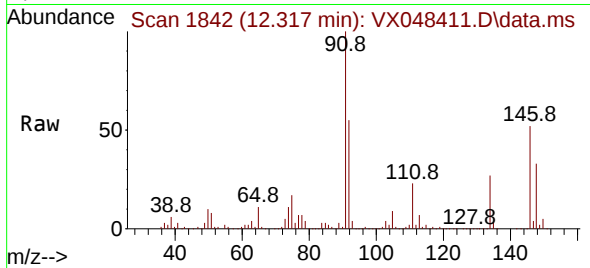
Tgt Ion:117 Resp: 122970
Ion Ratio Lower Upper
117 100
201 69.2 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 99.415 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43

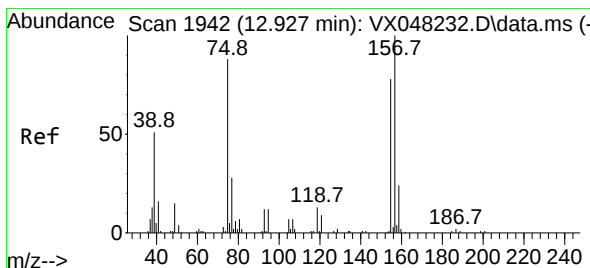
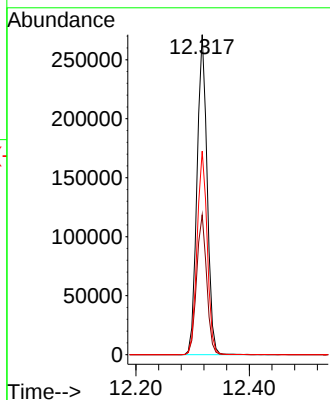
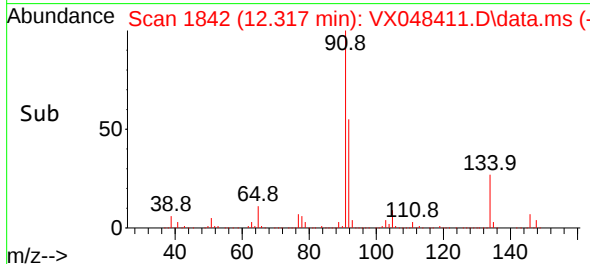
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



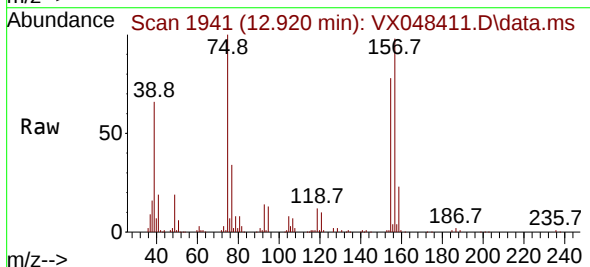
Tgt Ion:146 Resp: 335364
Ion Ratio Lower Upper
146 100
111 43.5 21.9 65.5
148 63.6 31.9 95.5

Manual Integrations
APPROVED

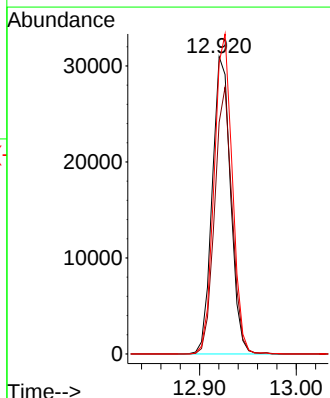
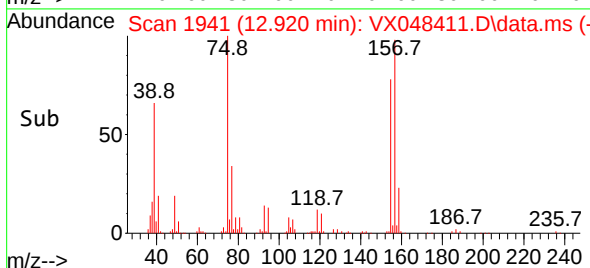
Reviewed By :Amit Patel 10/30/2025
Supervised By :Mahesh Dadoda 10/30/2025

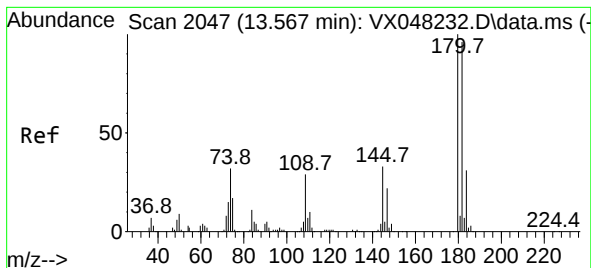


#92
1,2-Dibromo-3-Chloropropane
Concen: 106.406 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048411.D
Acq: 29 Oct 2025 12:43



Tgt Ion: 75 Resp: 40725
Ion Ratio Lower Upper
75 100
155 85.6 42.8 128.4
157 106.5 54.2 162.6





#93

1,2,4-Trichlorobenzene

Concen: 100.768 ug/l

RT: 13.567 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 234564

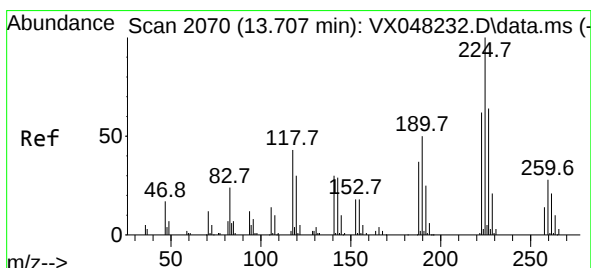
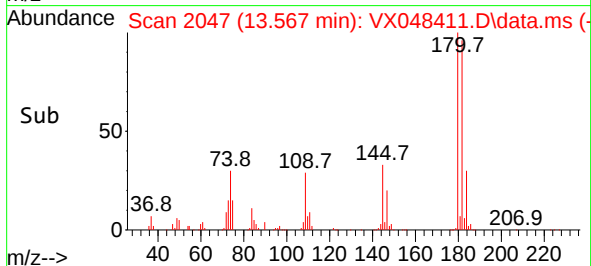
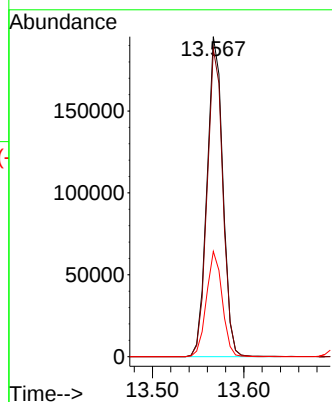
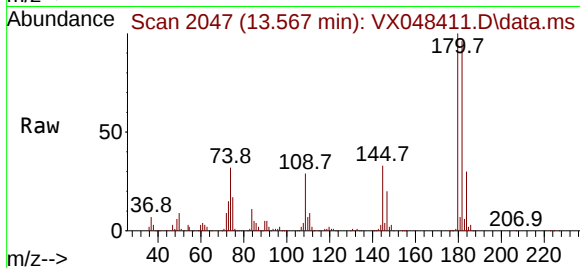
Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	32.7	16.3	48.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#94

Hexachlorobutadiene

Concen: 92.112 ug/l

RT: 13.707 min Scan# 2070

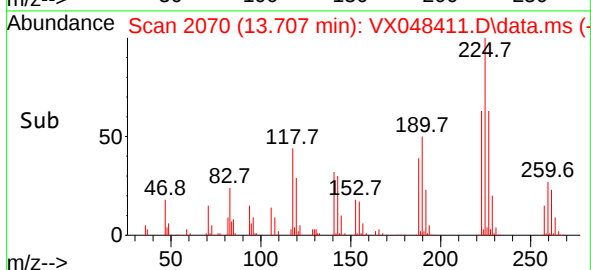
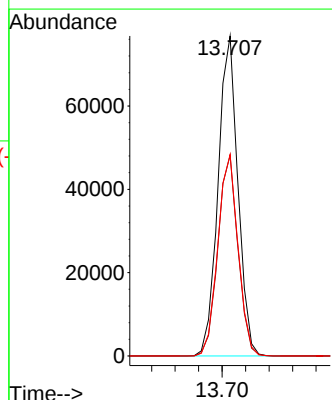
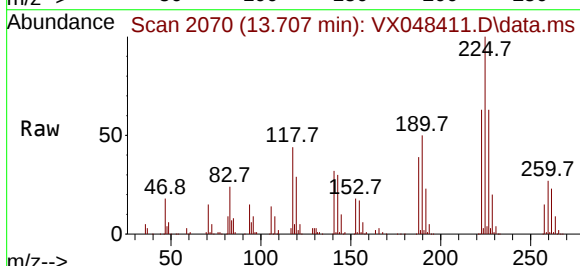
Delta R.T. -0.000 min

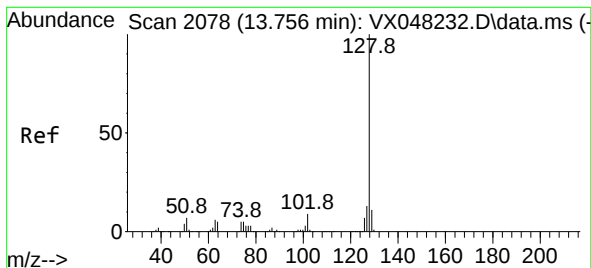
Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

Tgt Ion:225 Resp: 89940

Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.6	97.7
227	64.3	32.5	97.4





#95

Naphthalene

Concen: 108.748 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

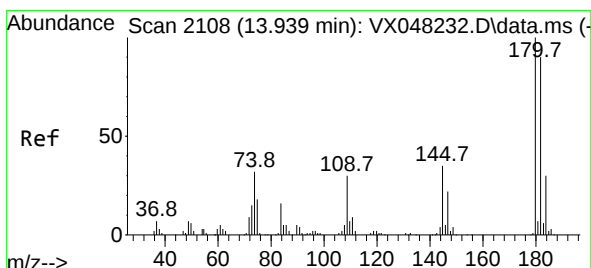
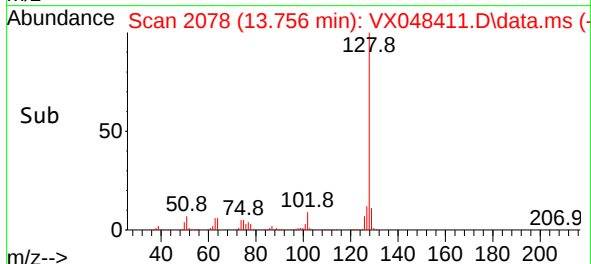
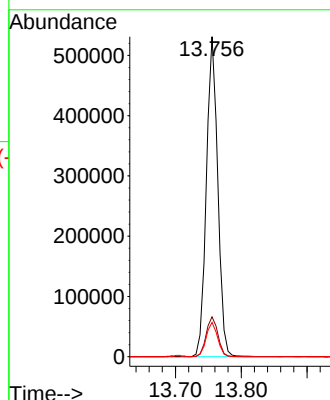
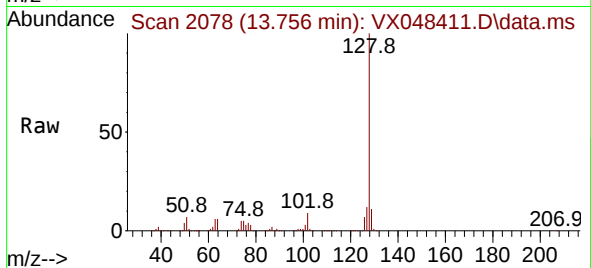
Tgt Ion:	128	Resp:	639328
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.8	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 10/30/2025

Supervised By :Mahesh Dadoda 10/30/2025



#96

1,2,3-Trichlorobenzene

Concen: 101.587 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX048411.D

Acq: 29 Oct 2025 12:43

Tgt Ion:	180	Resp:	214795
Ion Ratio	Lower	Upper	
180	100		
182	95.2	46.6	139.7
145	34.6	16.9	50.7

