

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102325\
 Data File : VX048313.D
 Acq On : 23 Oct 2025 10:36
 Operator : JC/MD
 Sample : VX1023WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 05:39:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	147151	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	245295	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	224705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	108201	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	103949	50.383	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.760%			
35) Dibromofluoromethane	5.367	113	66926	39.965	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 79.940%			
50) Toluene-d8	8.628	98	283676	48.329	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.660%			
62) 4-Bromofluorobenzene	11.061	95	104520	46.807	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	26358	17.424	ug/l	92
3) Chloromethane	1.301	50	14071	9.965	ug/l	92
4) Vinyl Chloride	1.380	62	36091	27.603	ug/l	98
5) Bromomethane	1.618	94	14482	16.320	ug/l	94
6) Chloroethane	1.697	64	21464	27.936	ug/l	93
7) Trichlorofluoromethane	1.898	101	60435	24.100	ug/l	100
8) Diethyl Ether	2.136	74	20460	28.997	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.337	101	33281	20.959	ug/l	100
10) Methyl Iodide	2.459	142	106188	53.193	ug/l	98
11) Tert butyl alcohol	2.928	59	15091	73.670	ug/l	99
12) 1,1-Dichloroethene	2.325	96	31569	20.434	ug/l	94
13) Acrolein	2.233	56	24072	115.221	ug/l	96
14) Allyl chloride	2.666	41	55252	21.541	ug/l	96
15) Acrylonitrile	3.050	53	73525	99.539	ug/l	97
16) Acetone	2.374	43	48432	68.428	ug/l	95
17) Carbon Disulfide	2.514	76	90329	18.552	ug/l	100
18) Methyl Acetate	2.697	43	31109	21.046	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	106367	20.182	ug/l	97
20) Methylene Chloride	2.788	84	34832	20.197	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	33827	19.934	ug/l	98
22) Diisopropyl ether	3.745	45	120730	23.599	ug/l	99
23) Vinyl Acetate	3.709	43	442636	108.316	ug/l	100
24) 1,1-Dichloroethane	3.599	63	64878	20.973	ug/l	99
25) 2-Butanone	4.532	43	77417	86.415	ug/l	98
26) 2,2-Dichloropropane	4.458	77	58337	20.894	ug/l	99
27) cis-1,2-Dichloroethene	4.471	96	40187	20.291	ug/l	97
28) Bromochloromethane	4.885	49	30406	23.706	ug/l	98
29) Tetrahydrofuran	4.983	42	52763	98.339	ug/l	98
30) Chloroform	5.074	83	69099	20.908	ug/l	92
31) Cyclohexane	5.452	56	54916	21.443	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	61534	20.203	ug/l	98
36) 1,1-Dichloropropene	5.678	75	46781	19.654	ug/l	99
37) Ethyl Acetate	4.690	43	41895	21.236	ug/l	98
38) Carbon Tetrachloride	5.660	117	54351	18.509	ug/l	97
39) Methylcyclohexane	7.367	83	52148	18.552	ug/l	96
40) Benzene	6.019	78	139621	20.204	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.891	41	21568	20.817	ug/l	97
42) 1,2-Dichloroethane	6.068	62	53875	21.128	ug/l	99
43) Isopropyl Acetate	6.318	43	68037	20.995	ug/l	100
44) Trichloroethene	7.104	130	35584	19.501	ug/l	98
45) 1,2-Dichloropropane	7.409	63	35225	21.440	ug/l	98
46) Dibromomethane	7.562	93	25577	19.982	ug/l	99
47) Bromodichloromethane	7.805	83	55046	19.917	ug/l	100
48) Methyl methacrylate	7.671	41	33625	20.563	ug/l	97
49) 1,4-Dioxane	7.641	88	7309	338.318	ug/l #	91
51) 4-Methyl-2-Pentanone	8.555	43	192878	103.229	ug/l	99
52) Toluene	8.702	92	87790	19.997	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	50864	19.098	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	54903	19.107	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	31943	19.566	ug/l	97
56) Ethyl methacrylate	9.098	69	46389	19.426	ug/l	96
57) 1,3-Dichloropropane	9.293	76	57252	20.530	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.226	63	120764	95.112	ug/l	99
59) 2-Hexanone	9.409	43	125666	96.455	ug/l	99
60) Dibromochloromethane	9.506	129	39027	17.786	ug/l	98
61) 1,2-Dibromoethane	9.592	107	33418	19.201	ug/l	98
64) Tetrachloroethene	9.256	164	32760	19.529	ug/l	98
65) Chlorobenzene	10.061	112	95216	18.837	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.147	131	33773	18.191	ug/l	99
67) Ethyl Benzene	10.177	91	164902	19.161	ug/l	98
68) m/p-Xylenes	10.281	106	124111	38.814	ug/l	99
69) o-Xylene	10.622	106	59325	19.217	ug/l	99
70) Styrene	10.640	104	102778	19.552	ug/l	99
71) Bromoform	10.781	173	23702	15.973	ug/l #	98
73) Isopropylbenzene	10.945	105	155110	19.627	ug/l	100
74) N-amyl acetate	10.823	43	60439	21.560	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	40972	18.984	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	37291m	21.253	ug/l	
77) Bromobenzene	11.183	156	37562	18.955	ug/l	97
78) n-propylbenzene	11.287	91	186336	20.364	ug/l	100
79) 2-Chlorotoluene	11.348	91	111582	20.113	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	128951	19.717	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.000	75	9386	13.014	ug/l #	67
82) 4-Chlorotoluene	11.433	91	133302	20.241	ug/l	98
83) tert-Butylbenzene	11.695	119	126631	18.845	ug/l	100
84) 1,2,4-Trimethylbenzene	11.732	105	131272	20.112	ug/l	98
85) sec-Butylbenzene	11.872	105	159205	19.692	ug/l	99
86) p-Isopropyltoluene	11.988	119	132340	18.938	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	71897	19.246	ug/l	98
88) 1,4-Dichlorobenzene	12.024	146	73946	19.108	ug/l	98
89) n-Butylbenzene	12.311	91	123169	19.365	ug/l	99
90) Hexachloroethane	12.518	117	22372	16.212	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	66922	19.080	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	8050	18.376	ug/l	89
93) 1,2,4-Trichlorobenzene	13.567	180	43062	18.155	ug/l	100
94) Hexachlorobutadiene	13.707	225	16683	18.812	ug/l	97
95) Naphthalene	13.756	128	114858	18.278	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	39319	18.065	ug/l	98

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ClientSampleId :
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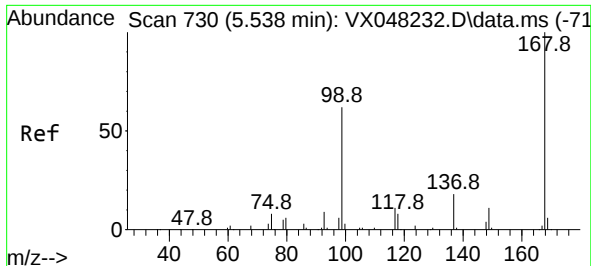
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

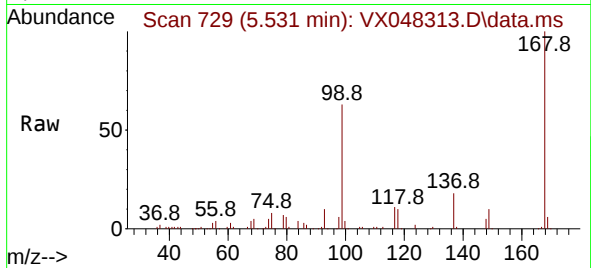
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
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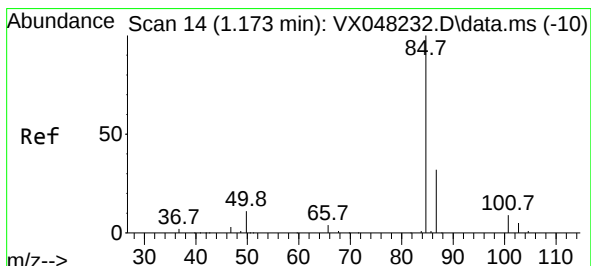
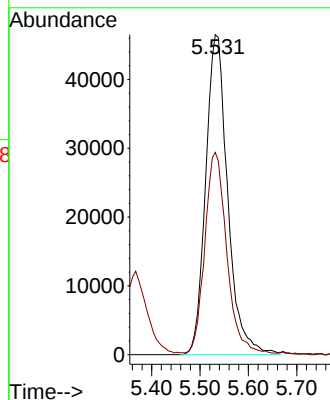
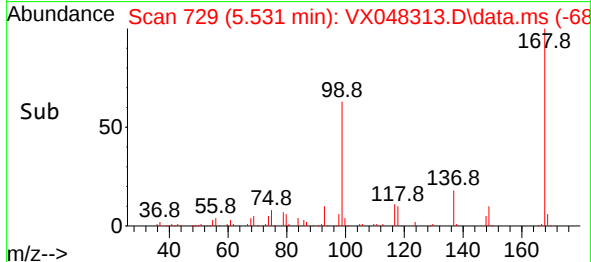
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



Tgt Ion:168 Resp: 14715
Ion Ratio Lower Upper
168 100
99 62.6 46.4 69.6

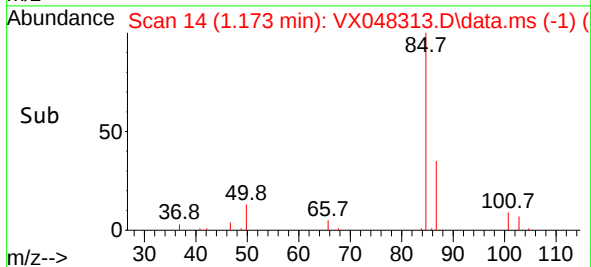
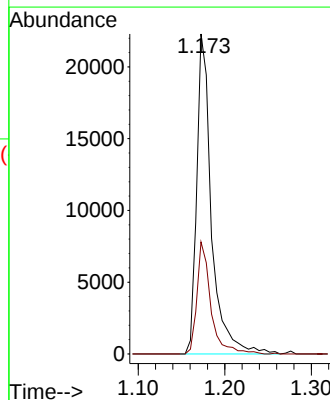
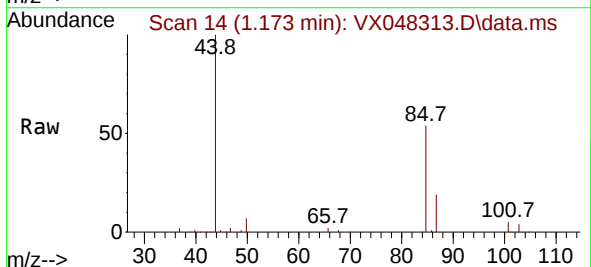
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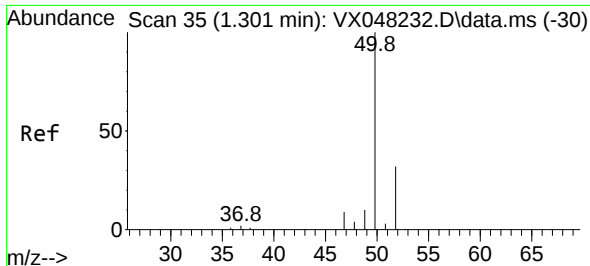
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#2
Dichlorodifluoromethane
Concen: 17.424 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

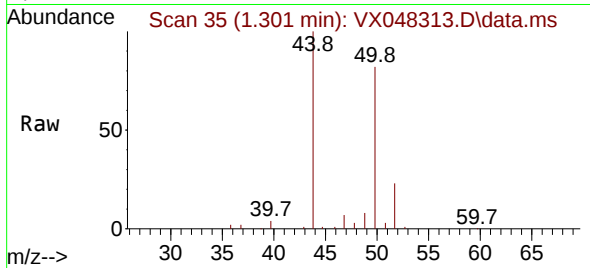
Tgt Ion: 85 Resp: 26358
Ion Ratio Lower Upper
85 100
87 35.0 15.3 45.9





#3
Chloromethane
Concen: 9.965 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

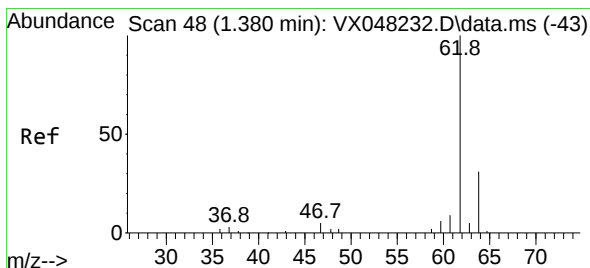
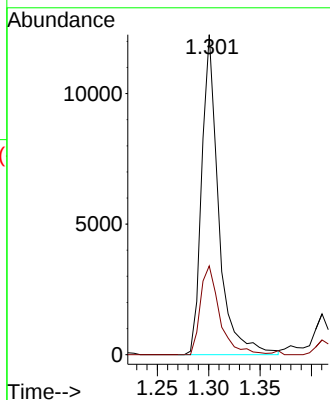
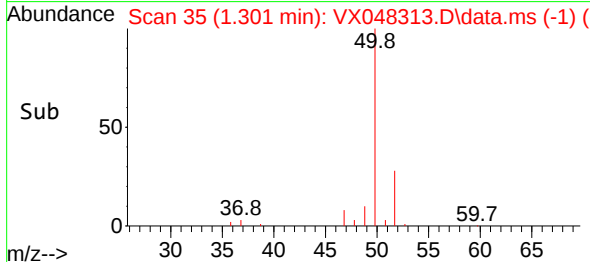
Instrument :
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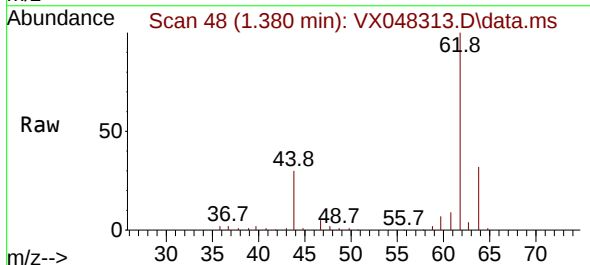
Tgt Ion: 50 Resp: 1407
Ion Ratio Lower Upper
50 100
52 27.7 25.9 38.9

Manual Integrations
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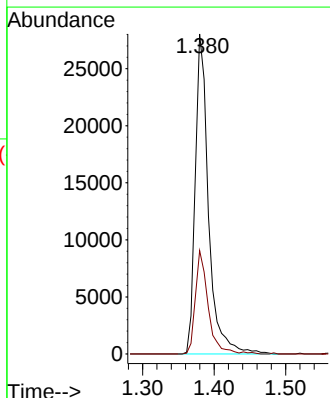
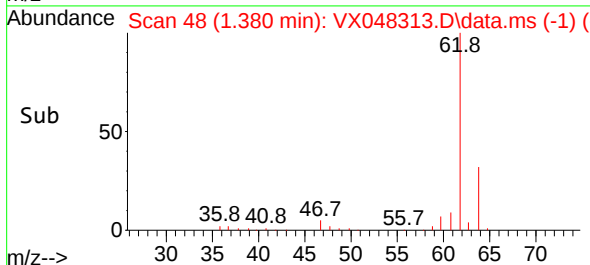
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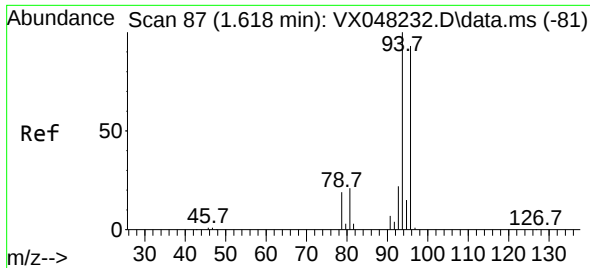


#4
Vinyl Chloride
Concen: 27.603 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36



Tgt Ion: 62 Resp: 36091
Ion Ratio Lower Upper
62 100
64 32.3 25.1 37.7





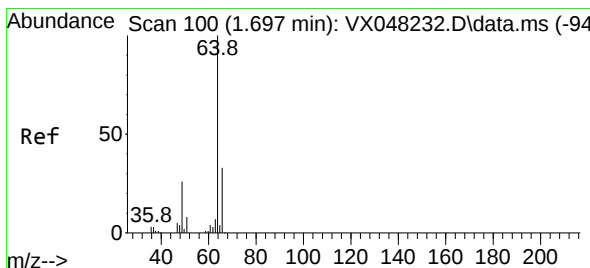
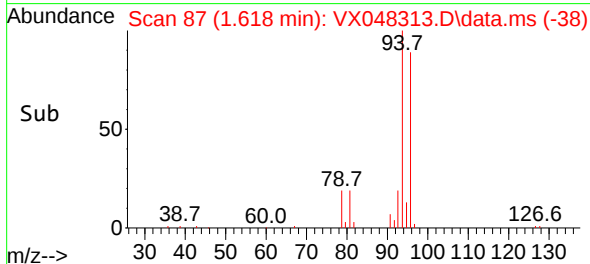
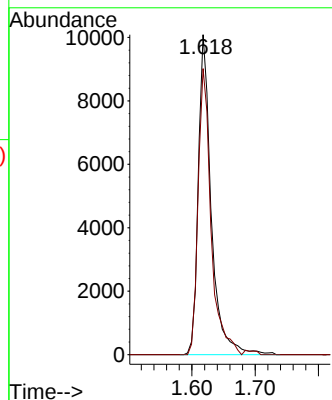
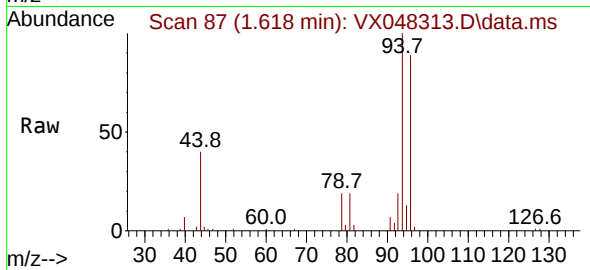
#5
Bromomethane
Concen: 16.320 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tgt Ion: 94 Resp: 1448
Ion Ratio Lower Upper
94 100
96 89.4 76.0 114.0

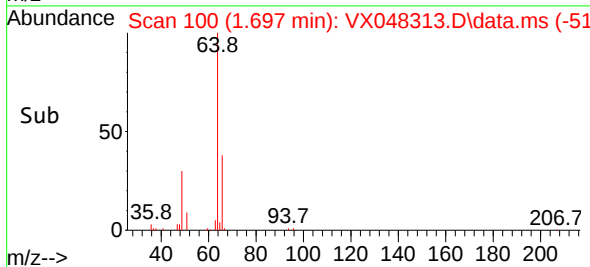
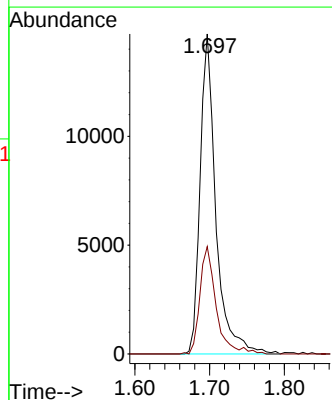
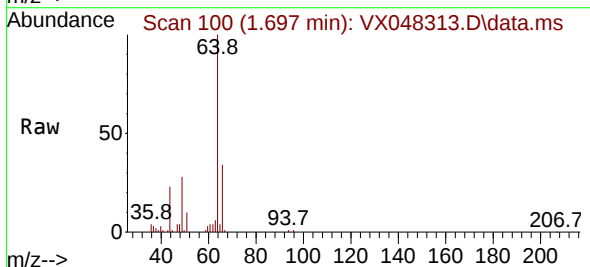
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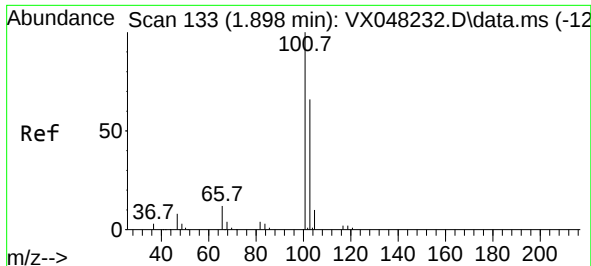
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#6
Chloroethane
Concen: 27.936 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Tgt Ion: 64 Resp: 21464
Ion Ratio Lower Upper
64 100
66 33.6 23.9 35.9





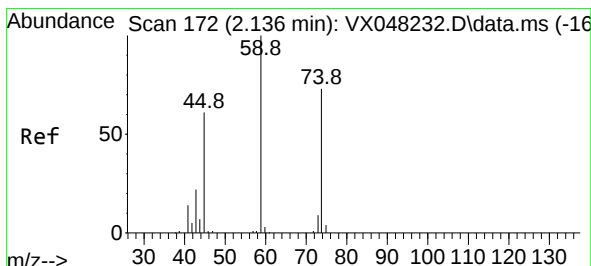
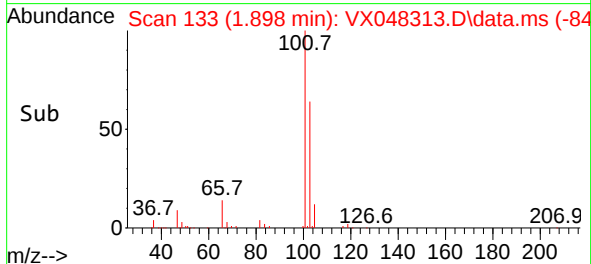
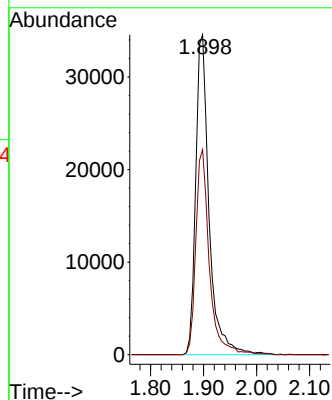
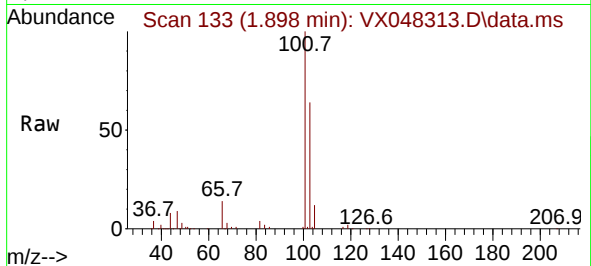
#7
 Trichlorofluoromethane
 Concen: 24.100 ug/l
 RT: 1.898 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048313.D
 Acq: 23 Oct 2025 10:36

Instrument :
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Tgt Ion:101 Resp: 6043
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.6 77.4

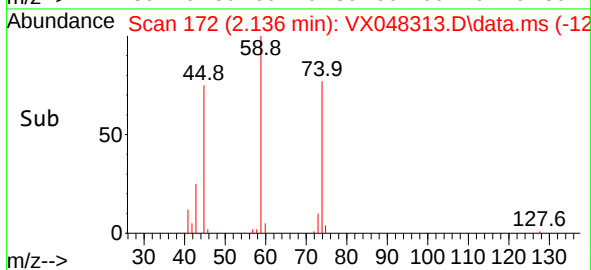
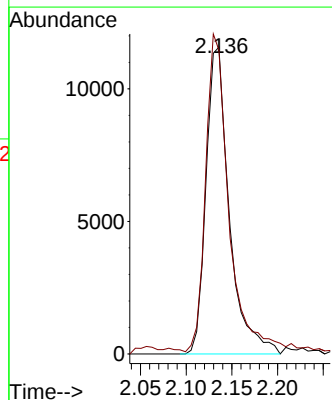
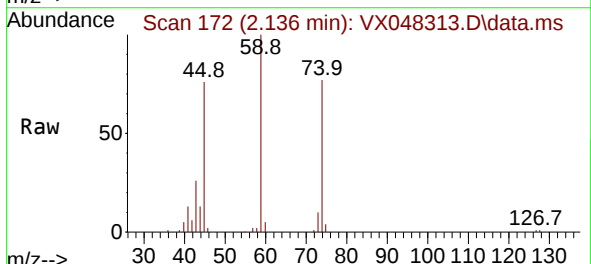
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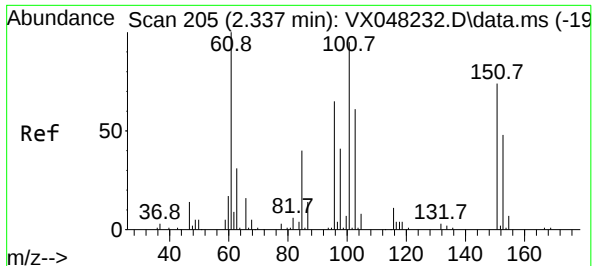
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#8
 Diethyl Ether
 Concen: 28.997 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 20460
 Ion Ratio Lower Upper
 74 100
 45 108.8 50.0 149.8





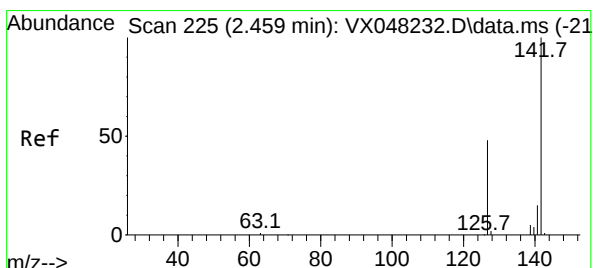
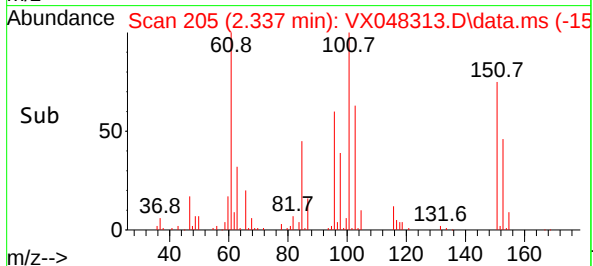
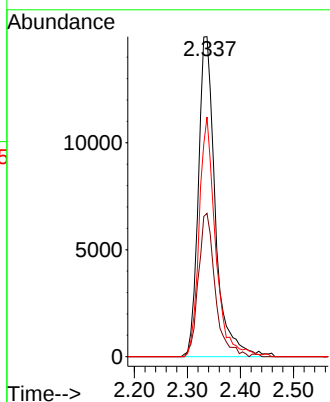
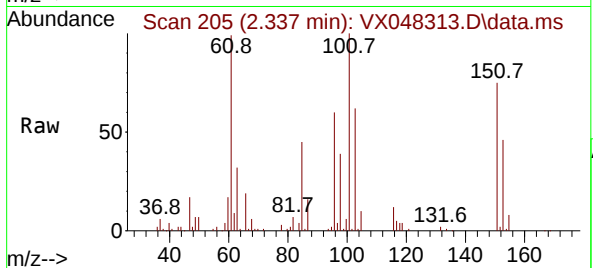
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.959 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tgt Ion:101 Resp: 3328
Ion Ratio Lower Upper
101 100
85 44.4 35.6 53.4
151 72.5 58.0 87.0

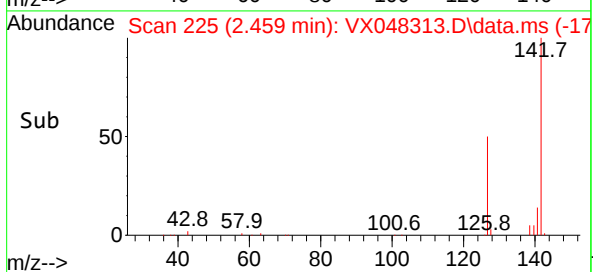
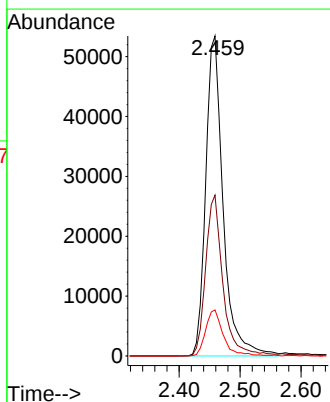
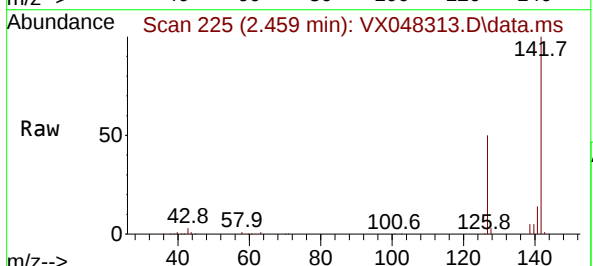
Manual Integrations
APPROVED

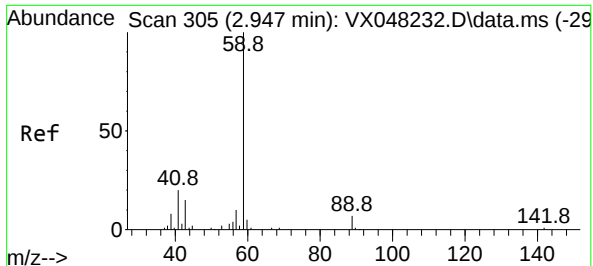
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#10
Methyl Iodide
Concen: 53.193 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Tgt Ion:142 Resp: 106188
Ion Ratio Lower Upper
142 100
127 49.6 38.5 57.7
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 73.670 ug/l

RT: 2.928 min Scan# 305

Delta R.T. -0.012 min

Lab File: VX048313.D

Acq: 23 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

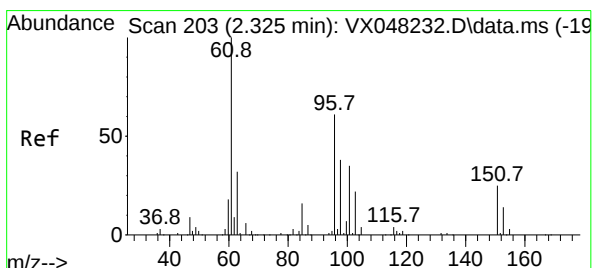
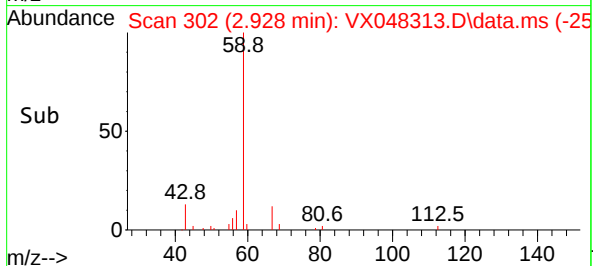
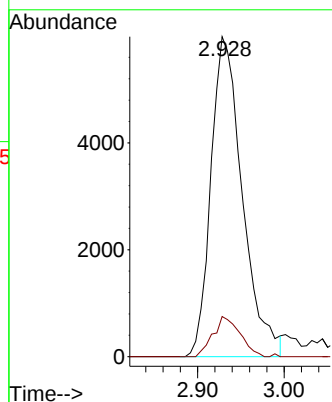
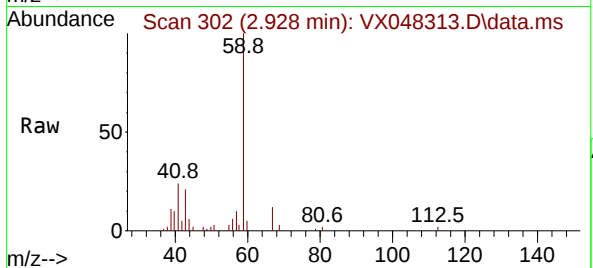
Tgt Ion: 59 Resp: 1509
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#12

1,1-Dichloroethene

Concen: 20.434 ug/l

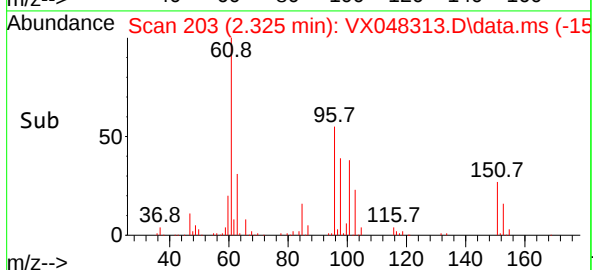
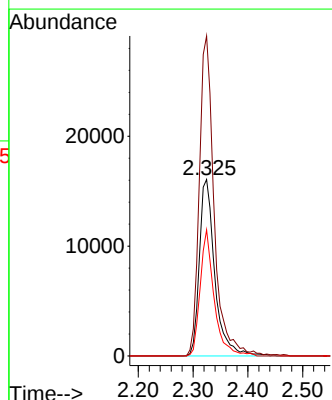
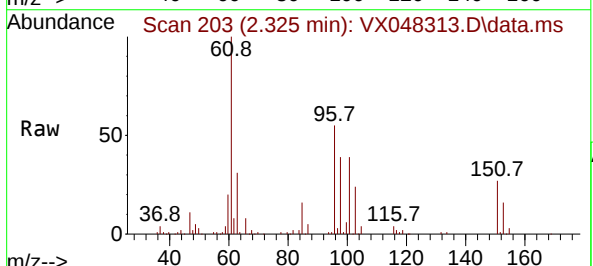
RT: 2.325 min Scan# 203

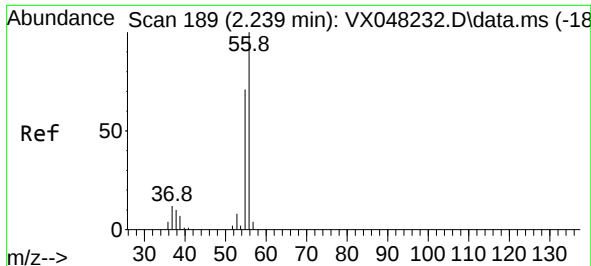
Delta R.T. -0.000 min

Lab File: VX048313.D

Acq: 23 Oct 2025 10:36

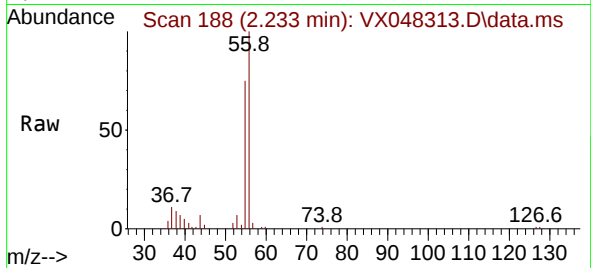
Tgt Ion: 96 Resp: 31569
 Ion Ratio Lower Upper
 96 100
 61 181.3 139.0 208.6
 98 71.4 52.4 78.6





#13
Acrolein
Concen: 115.221 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

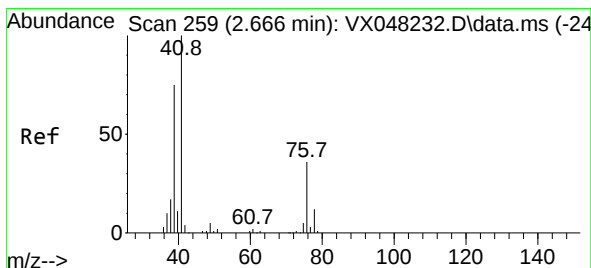
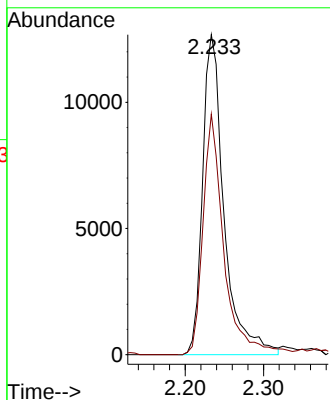
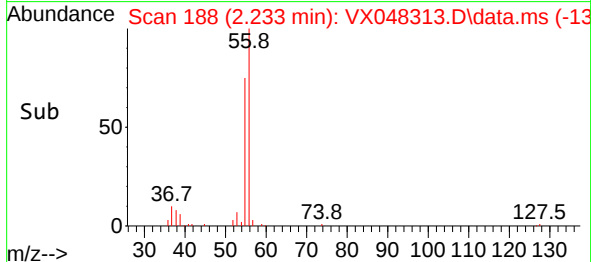
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



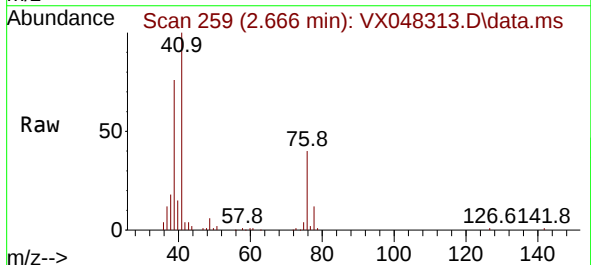
Tgt Ion: 56 Resp: 24072
Ion Ratio Lower Upper
56 100
55 73.1 56.1 84.1

Manual Integrations
APPROVED

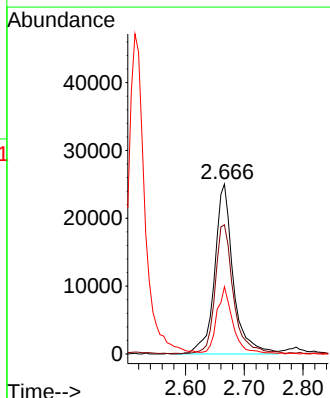
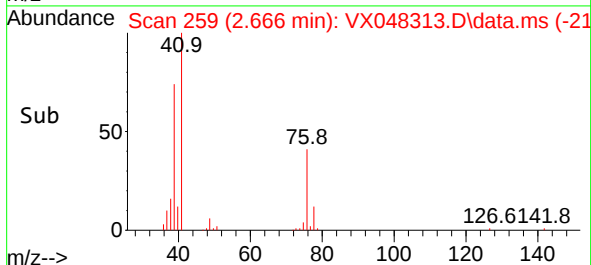
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

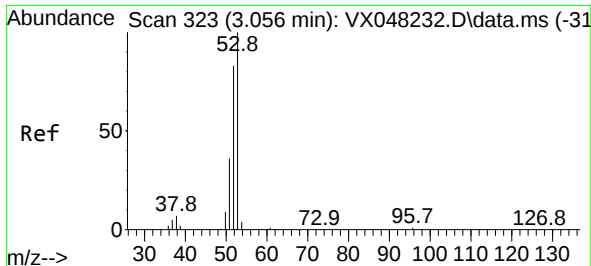


#14
Allyl chloride
Concen: 21.541 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36



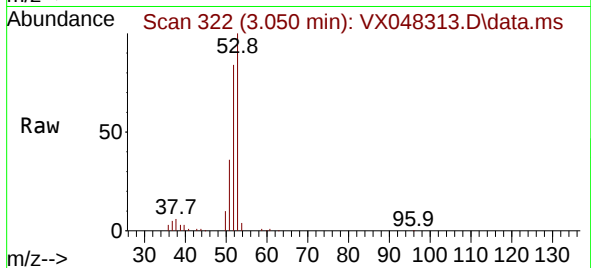
Tgt Ion: 41 Resp: 55252
Ion Ratio Lower Upper
41 100
39 75.2 56.0 84.0
76 34.6 27.5 41.3





#15
Acrylonitrile
Concen: 99.539 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

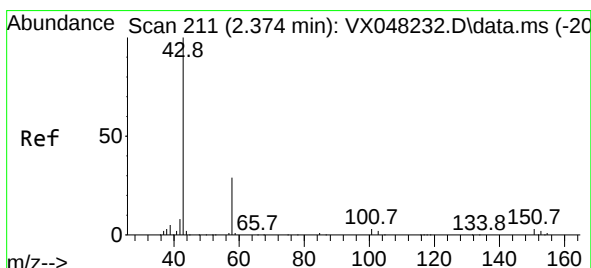
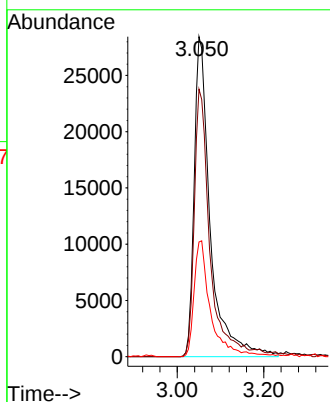
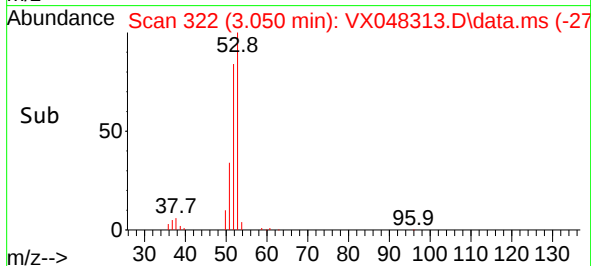
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



Tgt Ion: 53 Resp: 7352
Ion Ratio Lower Upper
53 100
52 79.8 66.1 99.1
51 37.5 29.0 43.4

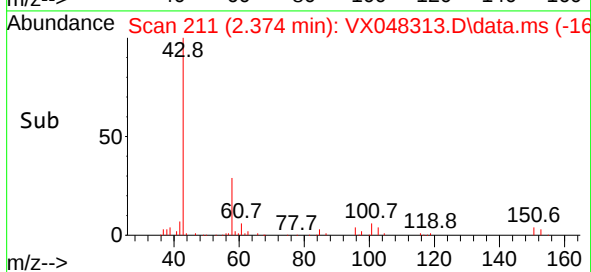
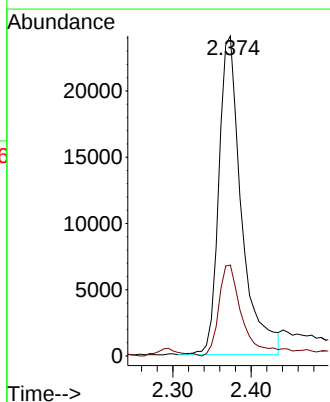
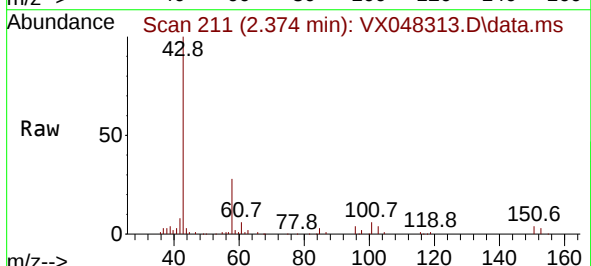
Manual Integrations
APPROVED

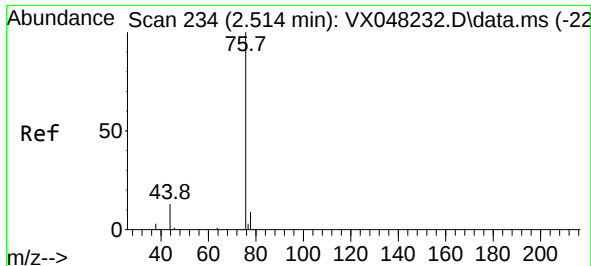
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#16
Acetone
Concen: 68.428 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

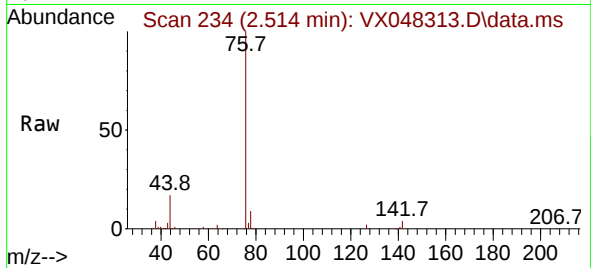
Tgt Ion: 43 Resp: 48432
Ion Ratio Lower Upper
43 100
58 26.5 23.4 35.2





#17
Carbon Disulfide
Concen: 18.552 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

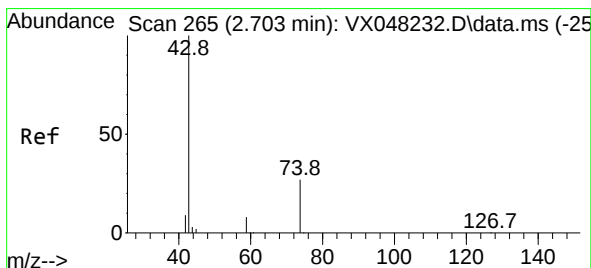
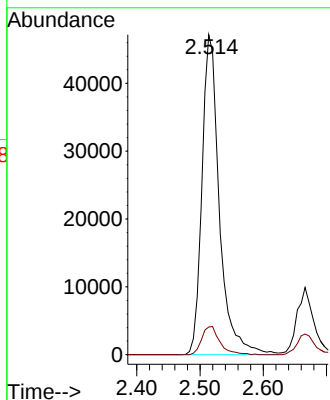
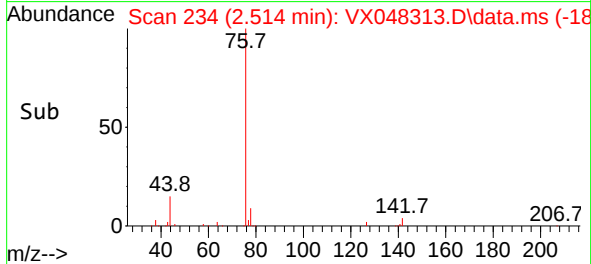
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



Tgt Ion: 76 Resp: 90329
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

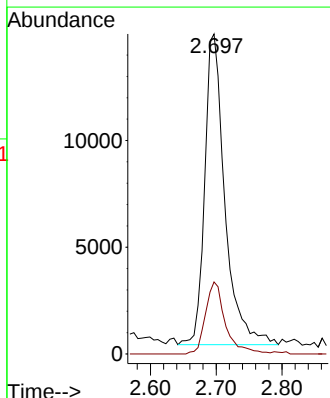
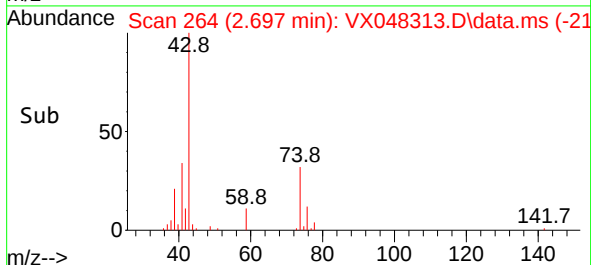
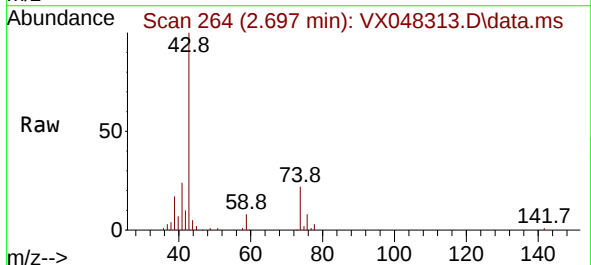
Manual Integrations
APPROVED

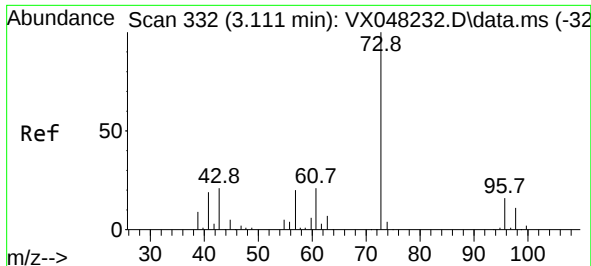
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#18
Methyl Acetate
Concen: 21.046 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

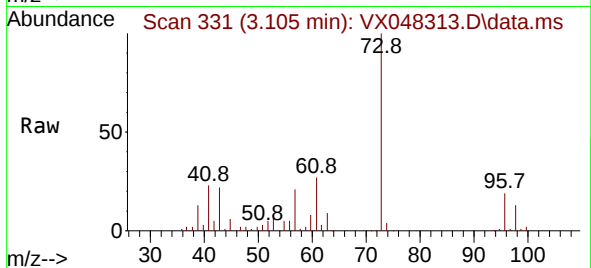
Tgt Ion: 43 Resp: 31109
Ion Ratio Lower Upper
43 100
74 22.9 17.5 26.3





#19
Methyl tert-butyl Ether
Concen: 20.182 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

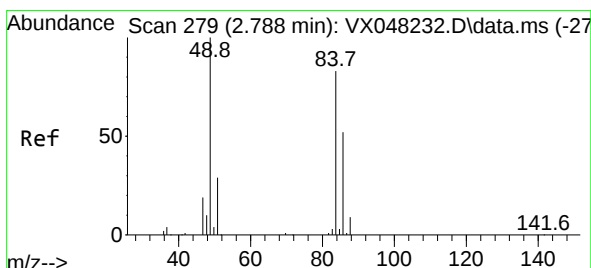
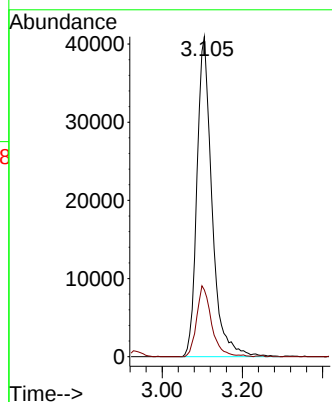
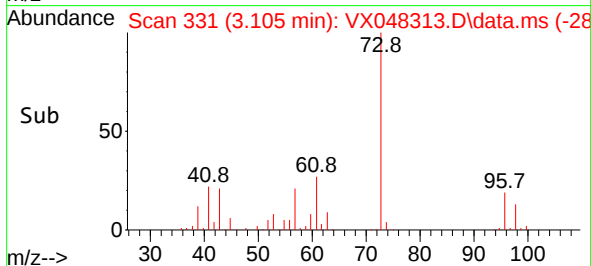
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



Tgt Ion: 73 Resp: 10636
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5

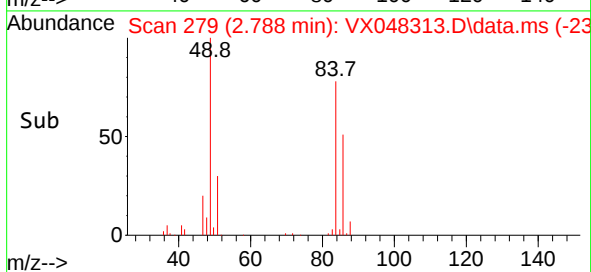
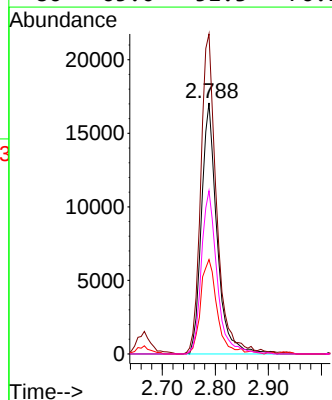
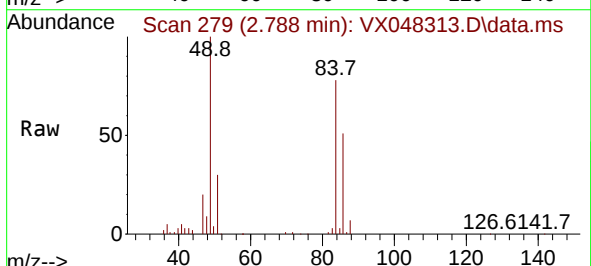
Manual Integrations
APPROVED

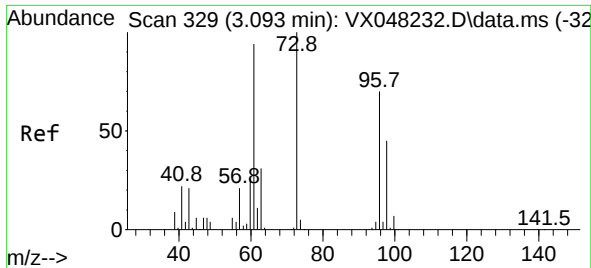
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#20
Methylene Chloride
Concen: 20.197 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Tgt Ion: 84 Resp: 34832
Ion Ratio Lower Upper
84 100
49 127.5 104.1 156.1
51 37.6 31.3 46.9
86 65.0 51.3 76.9





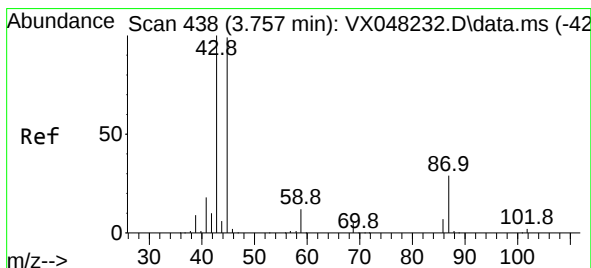
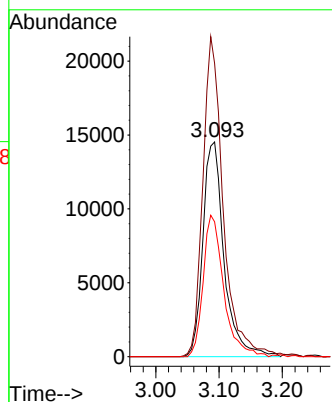
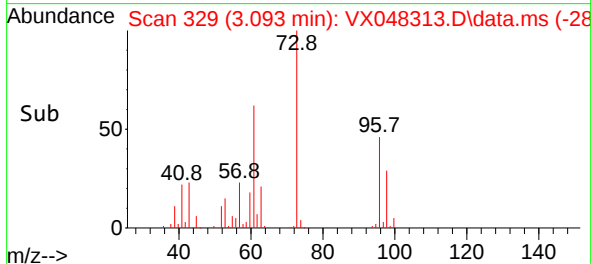
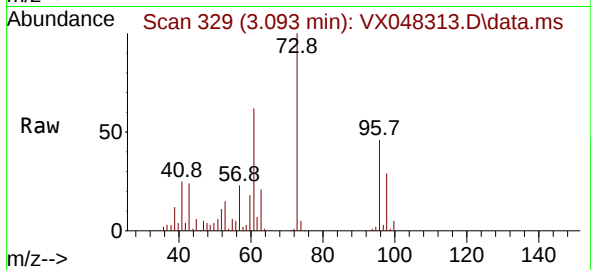
#21
trans-1,2-Dichloroethene
Concen: 19.934 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tgt Ion: 96 Resp: 3382
Ion Ratio Lower Upper
96 100
61 136.6 111.9 167.9
98 62.8 51.2 76.8

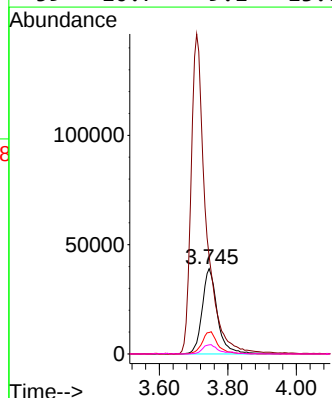
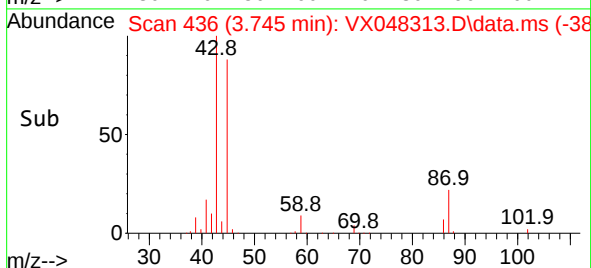
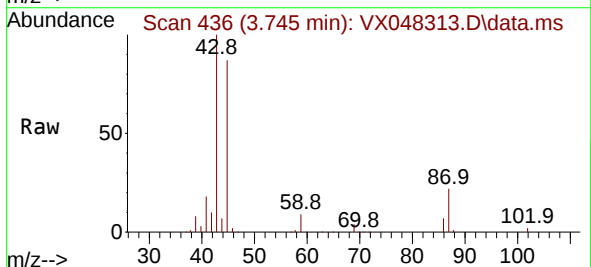
Manual Integrations
APPROVED

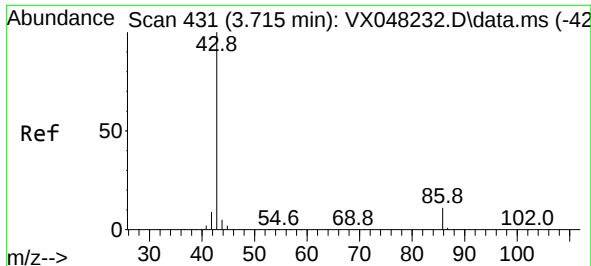
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#22
Diisopropyl ether
Concen: 23.599 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

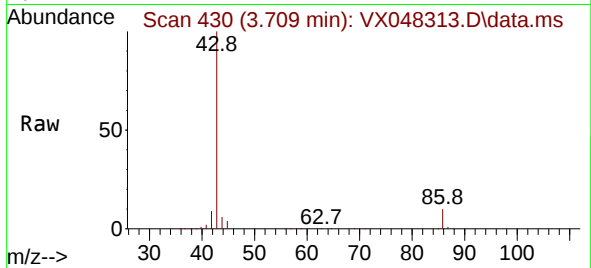
Tgt Ion: 45 Resp: 120730
Ion Ratio Lower Upper
45 100
43 113.8 89.8 134.8
87 25.2 20.6 31.0
59 10.7 9.1 13.7





#23
 Vinyl Acetate
 Concen: 108.316 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048313.D
 Acq: 23 Oct 2025 10:36

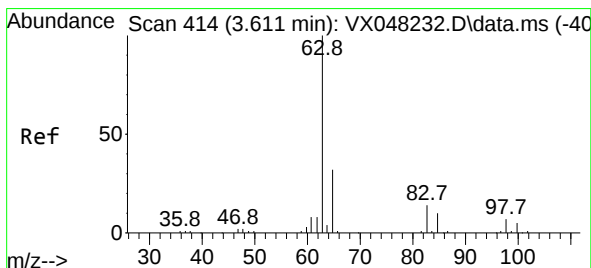
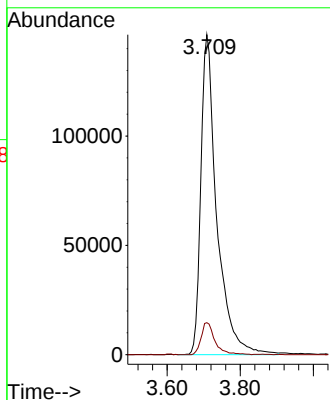
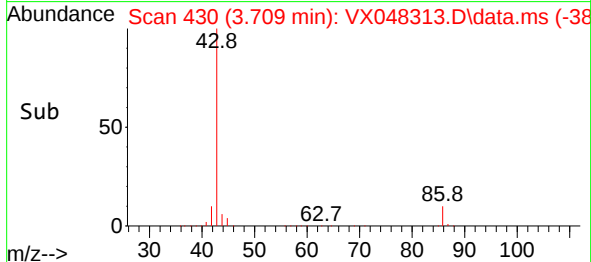
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01



Tgt Ion: 43 Resp: 442630
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9

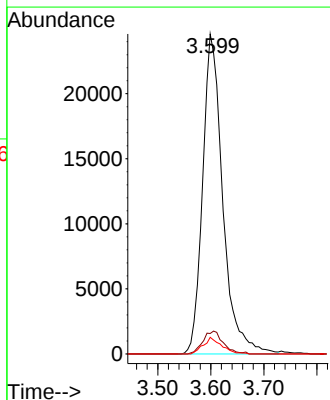
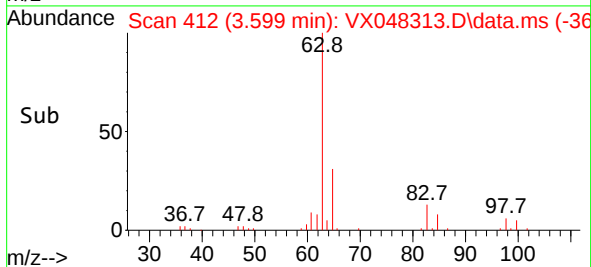
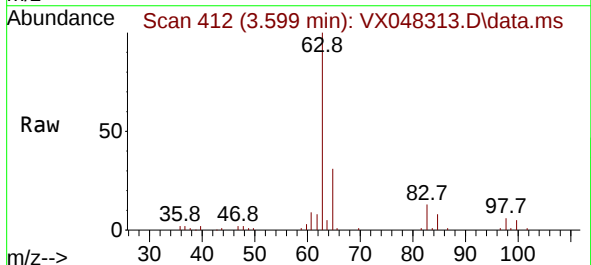
Manual Integrations
 APPROVED

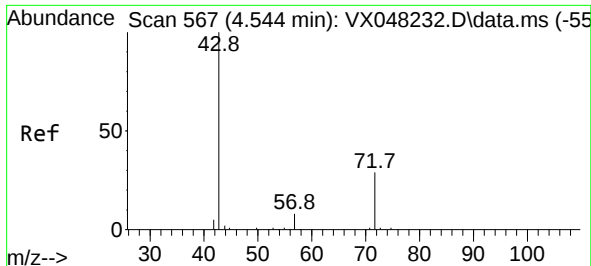
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025



#24
 1,1-Dichloroethane
 Concen: 20.973 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048313.D
 Acq: 23 Oct 2025 10:36

Tgt Ion: 63 Resp: 64878
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 5.2 2.1 6.3





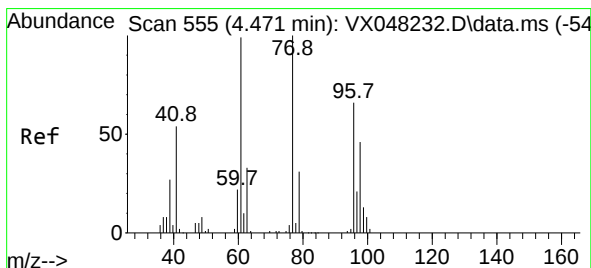
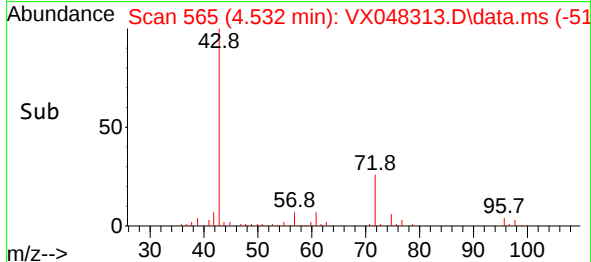
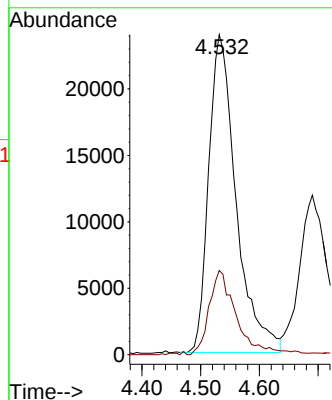
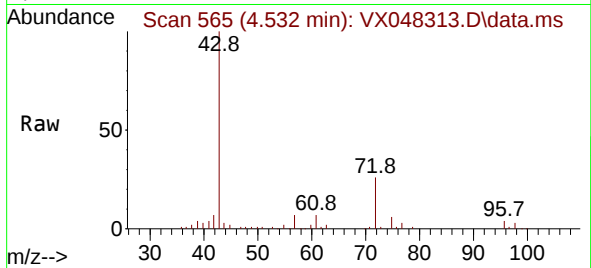
#25
2-Butanone
Concen: 86.415 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tgt Ion: 43 Resp: 7741
Ion Ratio Lower Upper
43 100
72 25.9 19.9 29.9

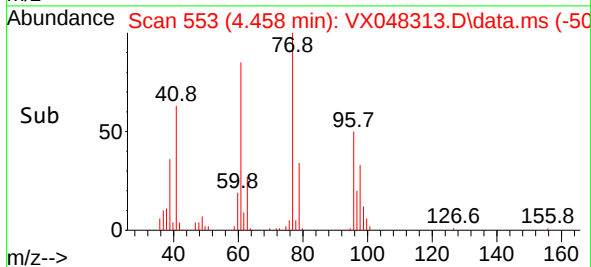
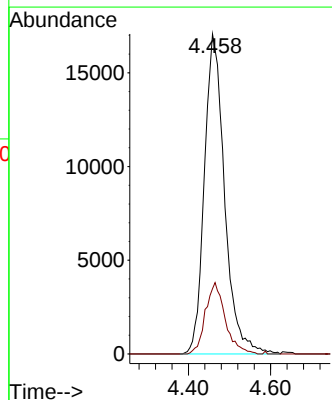
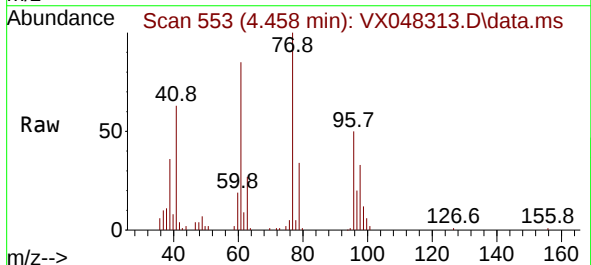
Manual Integrations
APPROVED

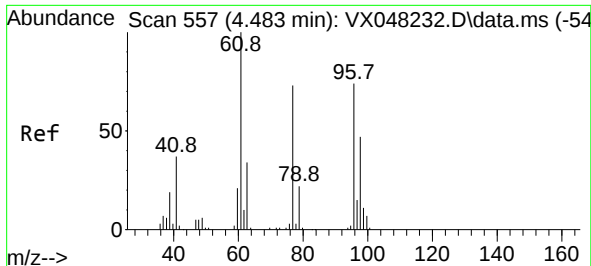
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#26
2,2-Dichloropropane
Concen: 20.894 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Tgt Ion: 77 Resp: 58337
Ion Ratio Lower Upper
77 100
97 21.8 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 20.291 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX048313.D

Acq: 23 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

Tgt Ion: 96 Resp: 4018

Ion Ratio Lower Upper

96 100

61 151.8 0.0 294.2

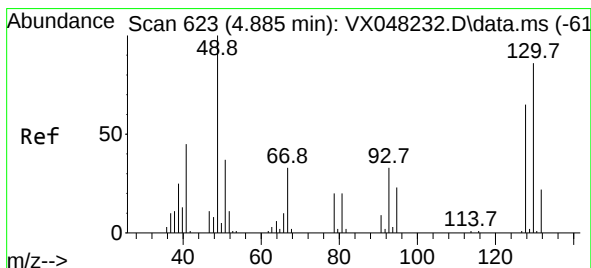
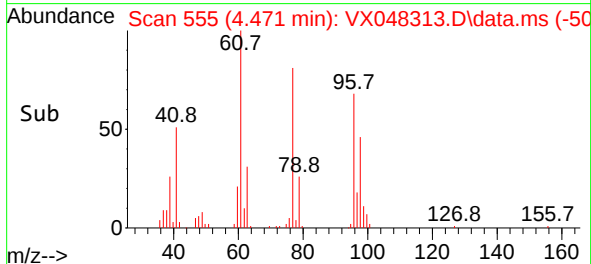
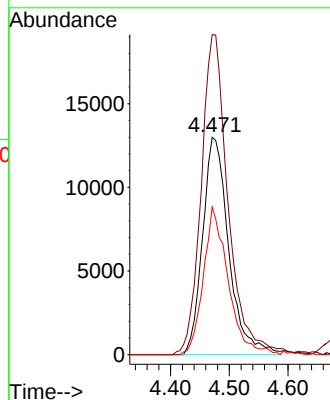
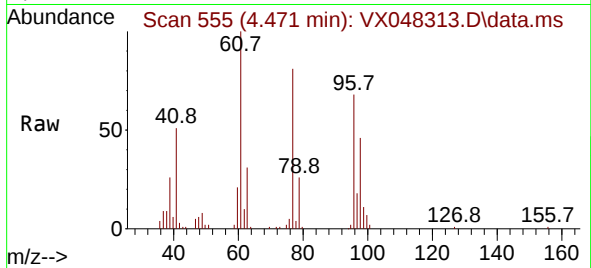
98 64.4 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#28

Bromochloromethane

Concen: 23.706 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.000 min

Lab File: VX048313.D

Acq: 23 Oct 2025 10:36

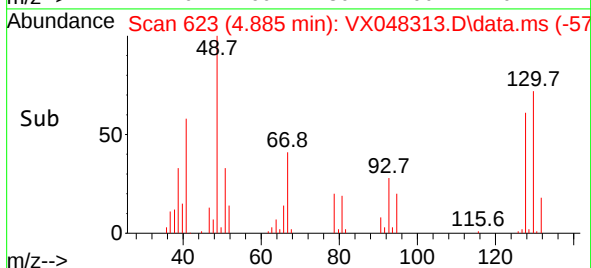
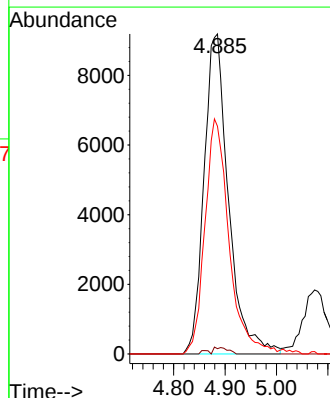
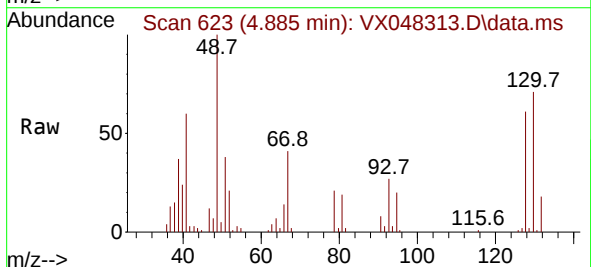
Tgt Ion: 49 Resp: 30406

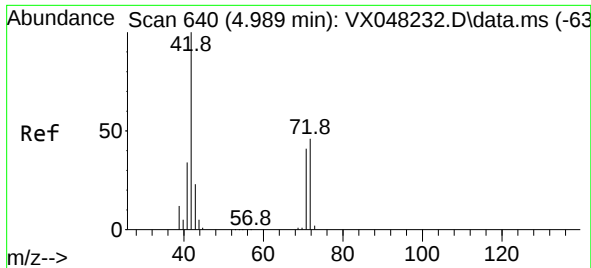
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.4

130 72.3 59.3 88.9





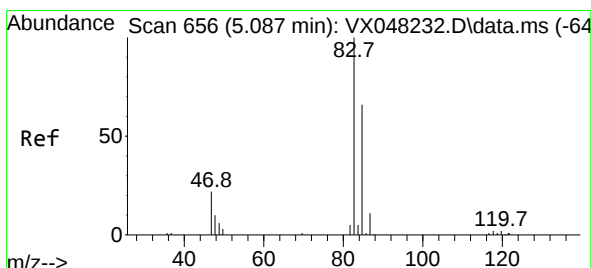
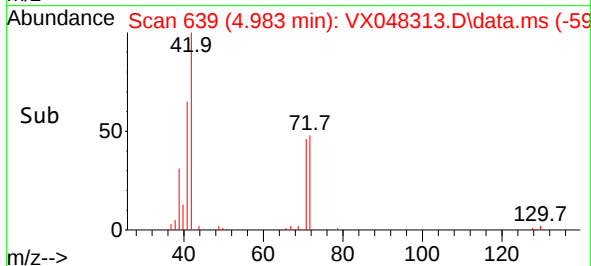
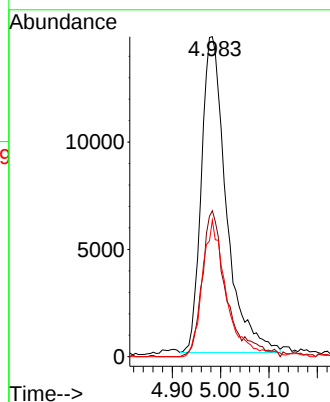
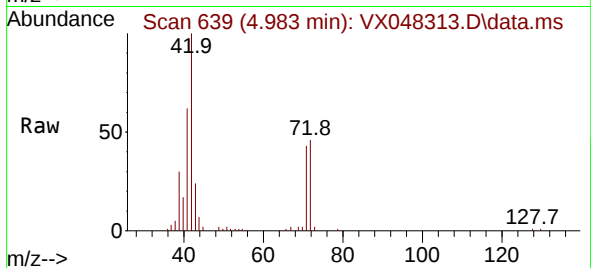
#29
Tetrahydrofuran
Concen: 98.339 ug/l
RT: 4.983 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tgt Ion: 42 Resp: 5276
Ion Ratio Lower Upper
42 100
72 44.9 35.3 52.9
71 41.9 32.2 48.4

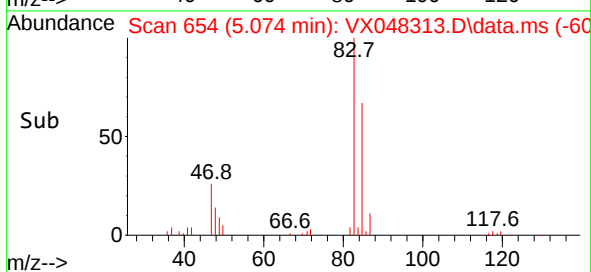
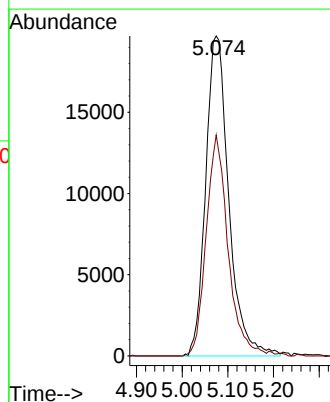
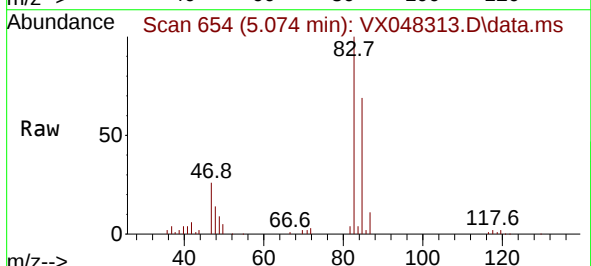
Manual Integrations
APPROVED

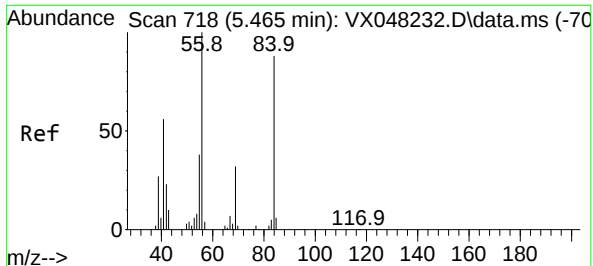
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#30
Chloroform
Concen: 20.908 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Tgt Ion: 83 Resp: 69099
Ion Ratio Lower Upper
83 100
85 69.0 50.1 75.1





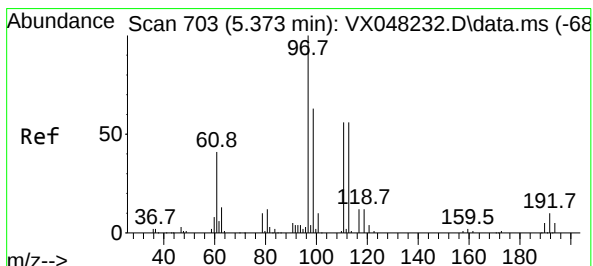
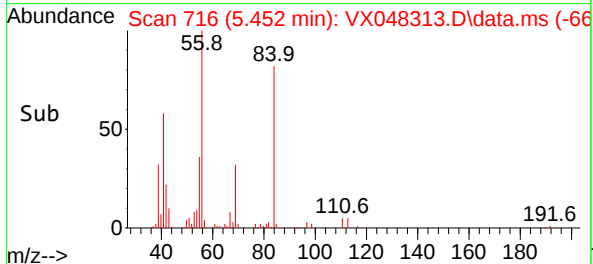
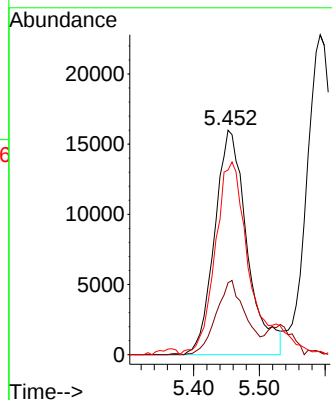
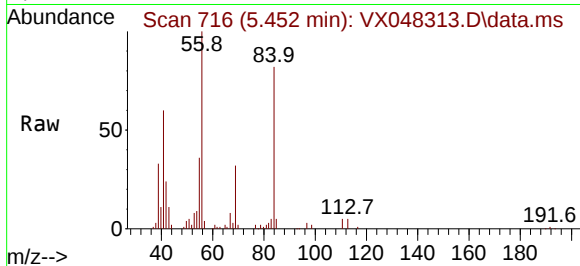
#31
Cyclohexane
Concen: 21.443 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tgt Ion: 56 Resp: 54910
Ion Ratio Lower Upper
56 100
69 31.6 23.0 34.6
84 82.3 64.6 97.0

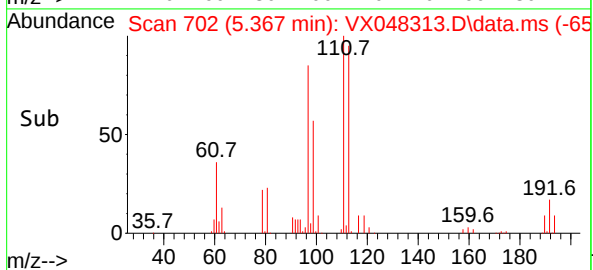
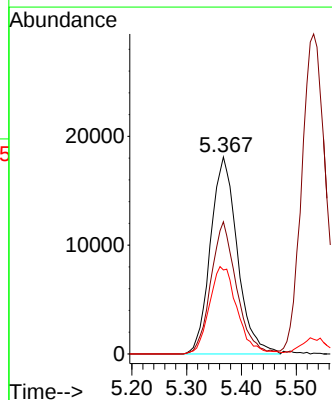
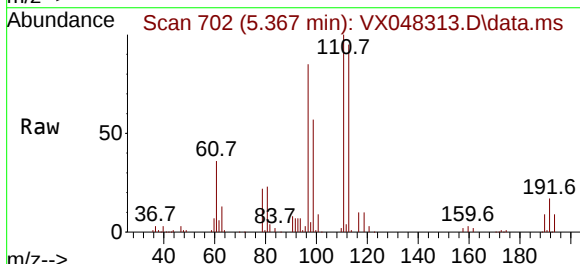
Manual Integrations
APPROVED

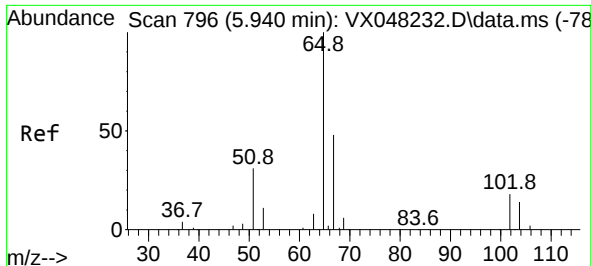
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#32
1,1,1-Trichloroethane
Concen: 20.203 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

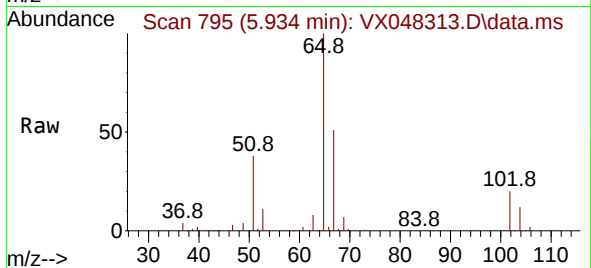
Tgt Ion: 97 Resp: 61534
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 46.1 34.8 52.2





#33
1,2-Dichloroethane-d4
Concen: 50.383 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

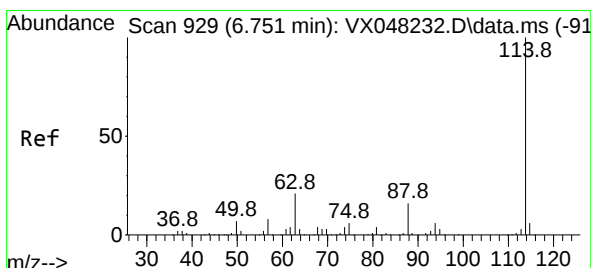
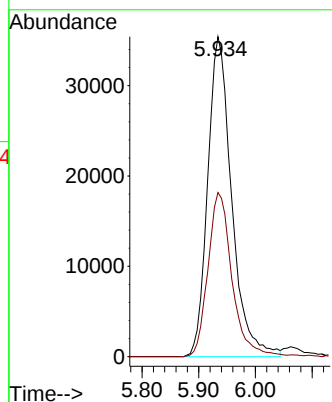
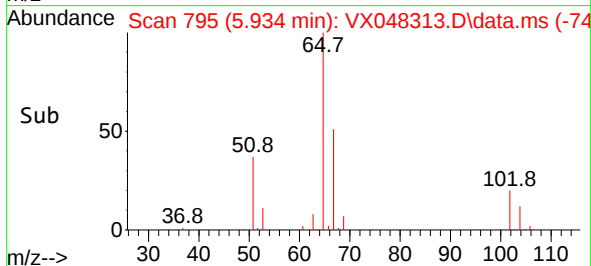
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



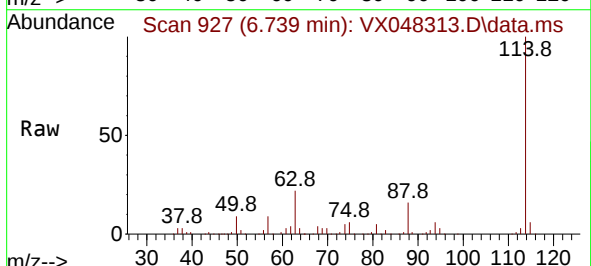
Tgt Ion: 65 Resp: 103949
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.0

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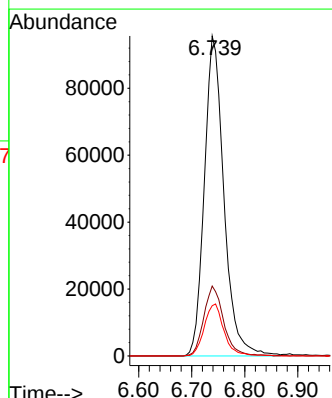
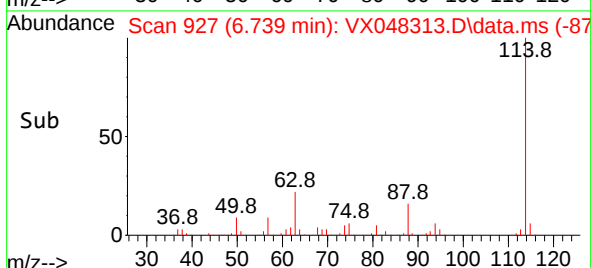
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

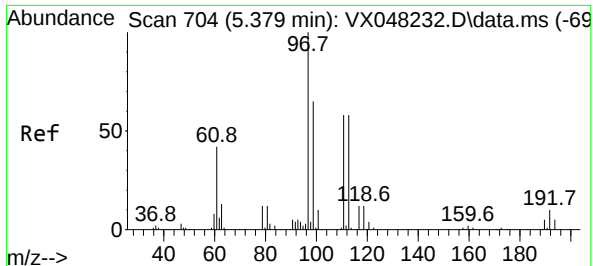


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36



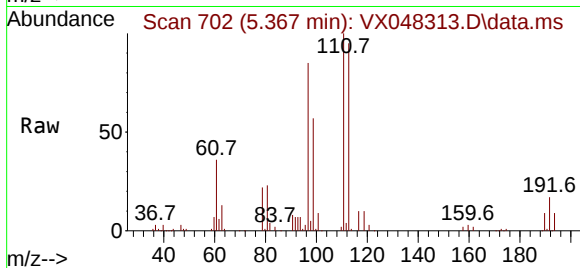
Tgt Ion:114 Resp: 245295
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.2
88 15.7 0.0 33.6





#35
Dibromofluoromethane
Concen: 39.965 ug/l
RT: 5.367 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

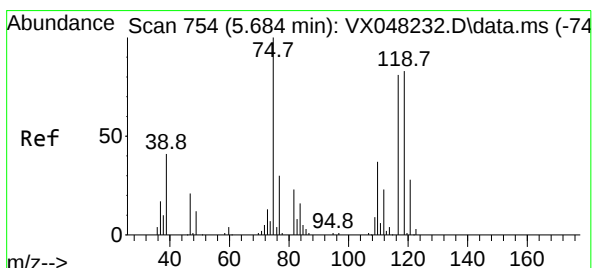
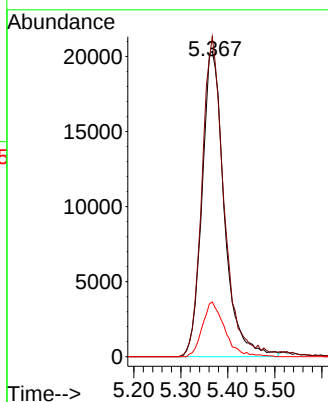
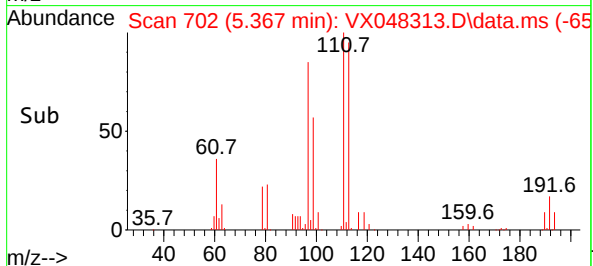
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



Tgt Ion: 113 Resp: 66920
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 18.0 15.1 22.7

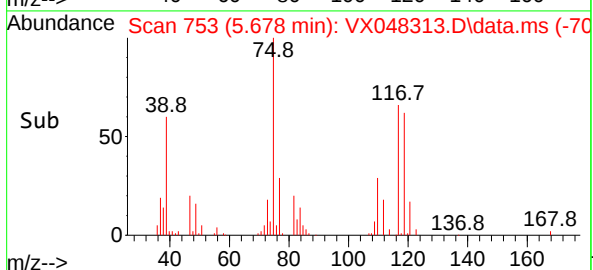
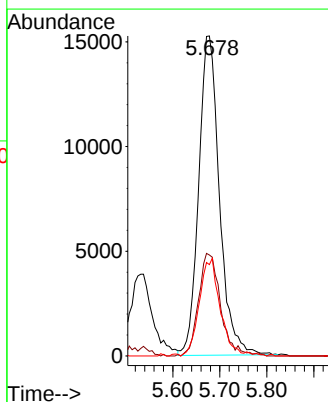
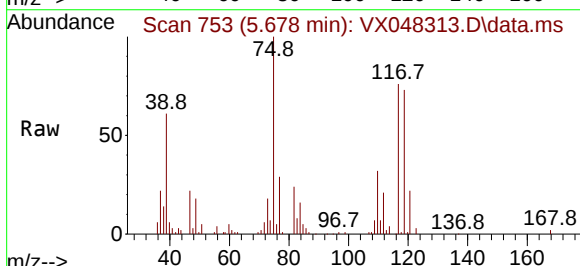
Manual Integrations
APPROVED

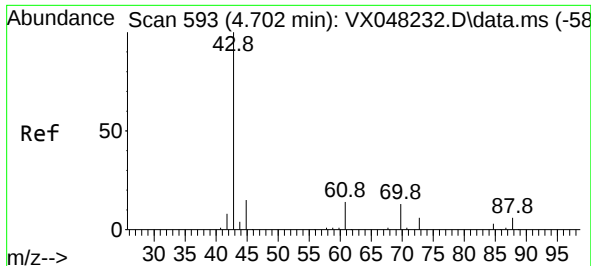
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#36
1,1-Dichloropropene
Concen: 19.654 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

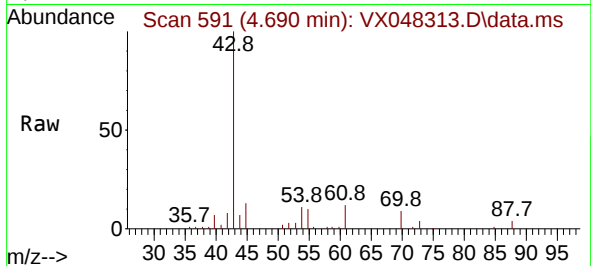
Tgt Ion: 75 Resp: 46781
Ion Ratio Lower Upper
75 100
110 33.8 17.7 53.1
77 30.3 24.3 36.5





#37
Ethyl Acetate
Concen: 21.236 ug/l
RT: 4.690 min Scan# 591
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

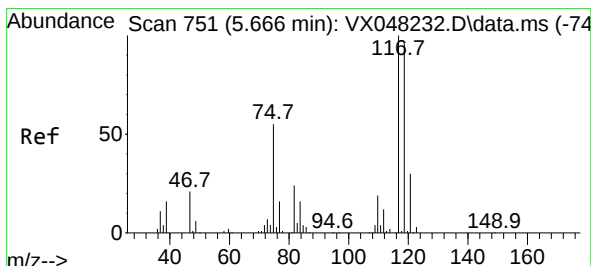
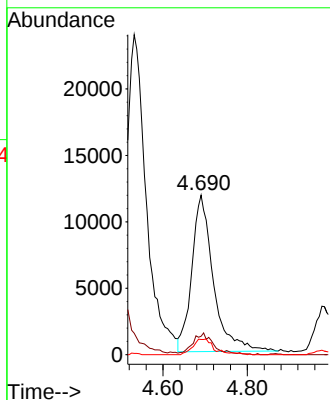
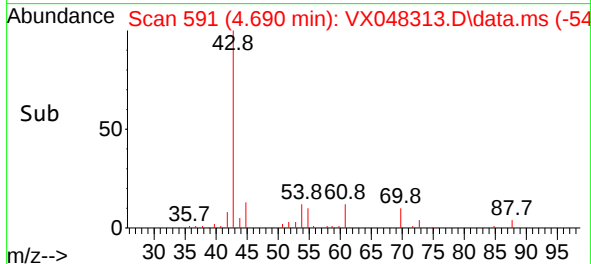
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



Tgt Ion: 43 Resp: 4189
Ion Ratio Lower Upper
43 100
61 11.7 10.6 15.8
70 9.9 7.8 11.6

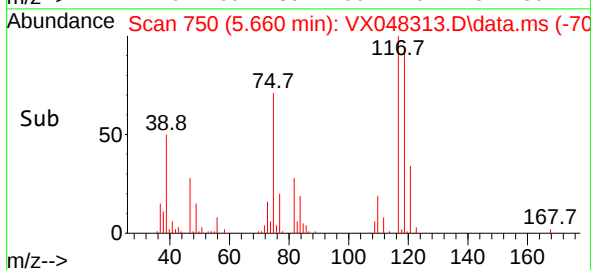
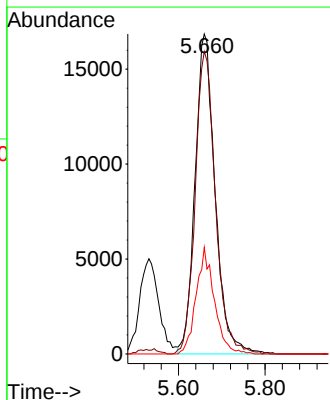
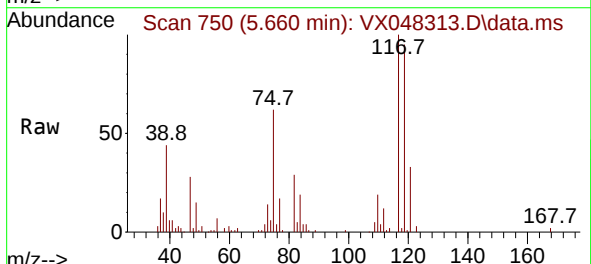
Manual Integrations
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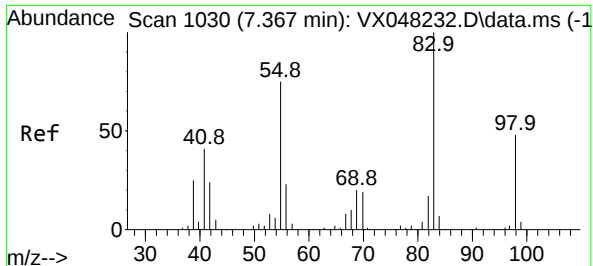
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#38
Carbon Tetrachloride
Concen: 18.509 ug/l
RT: 5.660 min Scan# 750
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

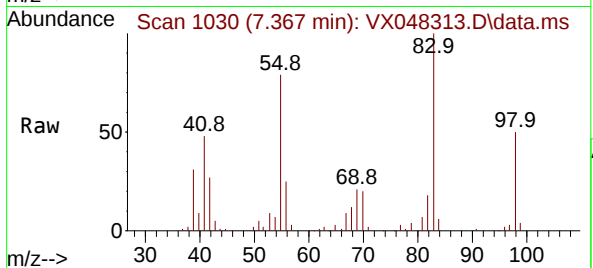
Tgt Ion:117 Resp: 54351
Ion Ratio Lower Upper
117 100
119 94.5 77.2 115.8
121 33.3 24.8 37.2





#39
Methylcyclohexane
Concen: 18.552 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

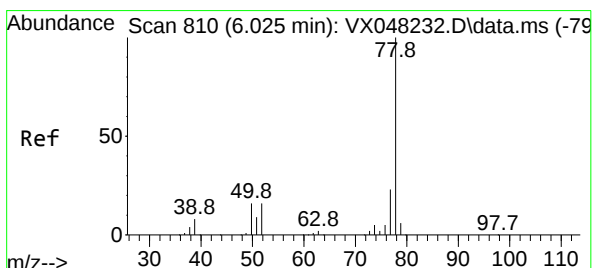
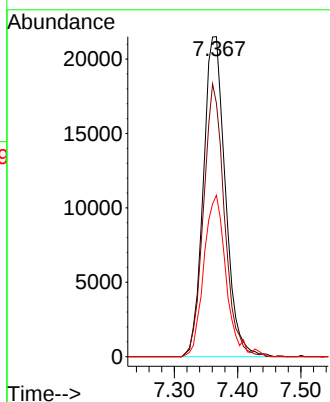
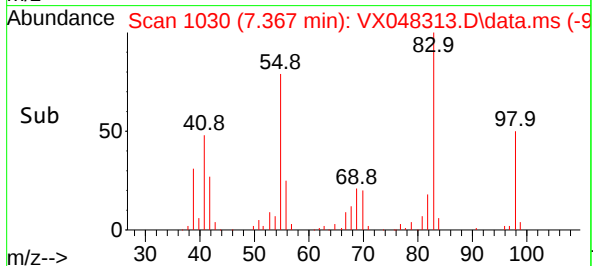
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



Tgt Ion: 83 Resp: 5214
Ion Ratio Lower Upper
83 100
55 79.1 66.2 99.2
98 50.5 38.9 58.3

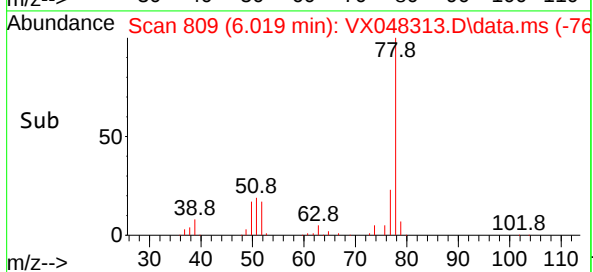
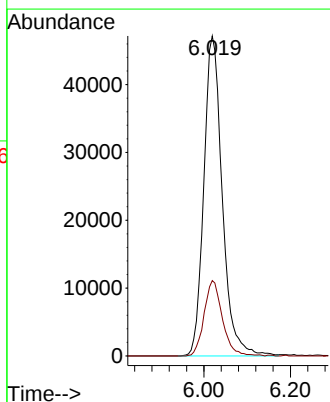
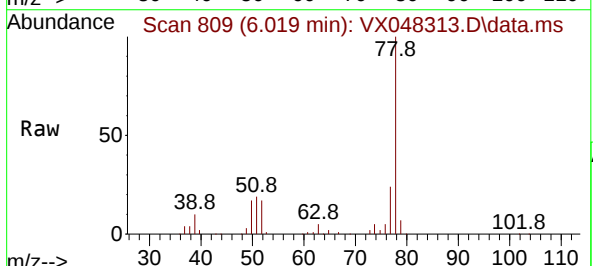
Manual Integrations
APPROVED

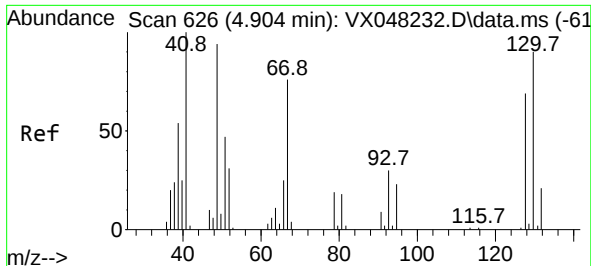
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#40
Benzene
Concen: 20.204 ug/l
RT: 6.019 min Scan# 809
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

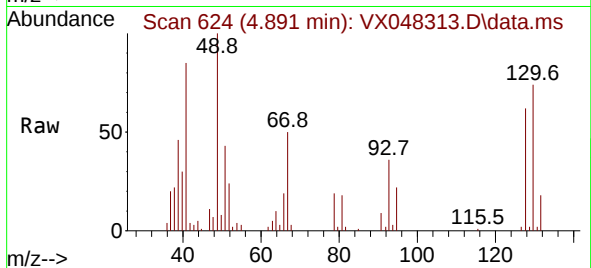
Tgt Ion: 78 Resp: 139621
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 20.817 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

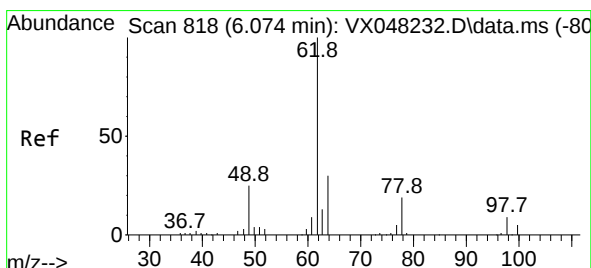
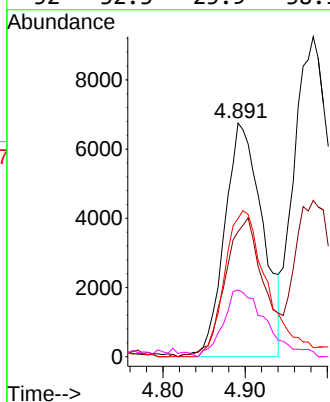
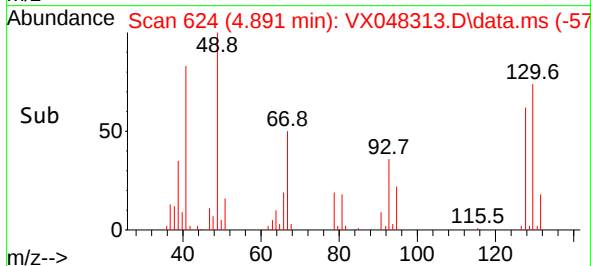
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



Tgt Ion: 41 Resp: 2156
Ion Ratio Lower Upper
41 100
39 61.4 44.0 66.0
67 74.0 58.7 88.1
52 32.3 25.9 38.9

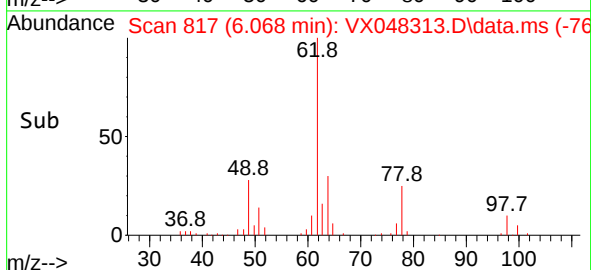
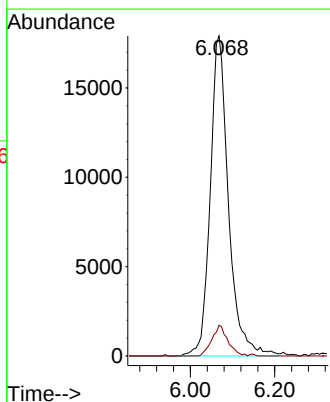
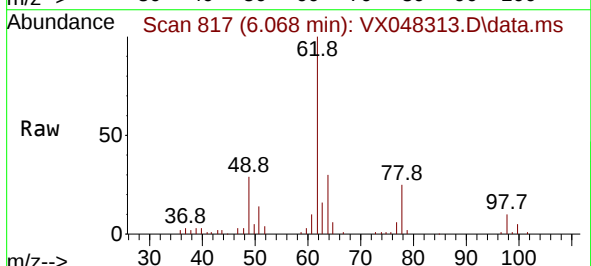
Manual Integrations
APPROVED

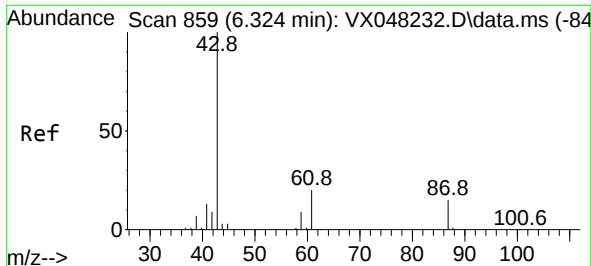
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#42
1,2-Dichloroethane
Concen: 21.128 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Tgt Ion: 62 Resp: 53875
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.2





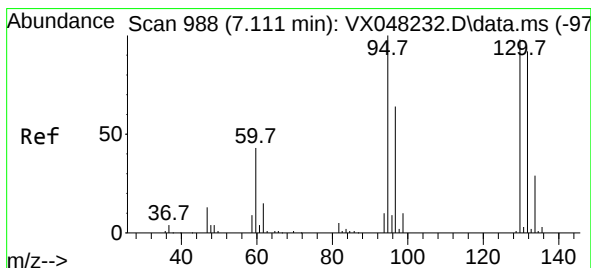
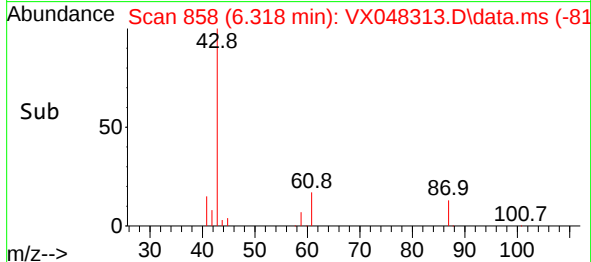
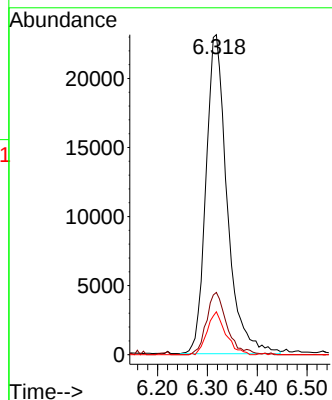
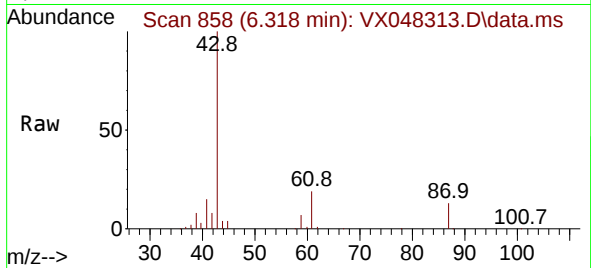
#43
Isopropyl Acetate
Concen: 20.995 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tgt Ion: 43 Resp: 6803
Ion Ratio Lower Upper
43 100
61 18.8 14.9 22.3
87 11.8 9.4 14.2

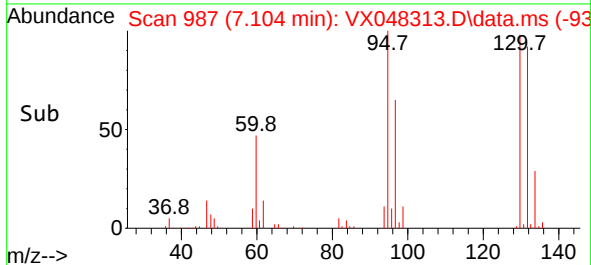
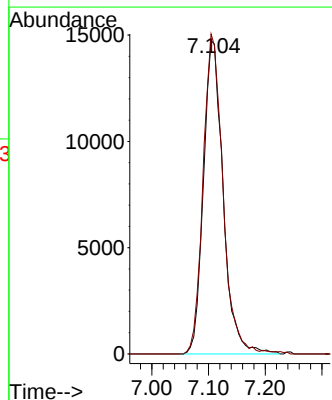
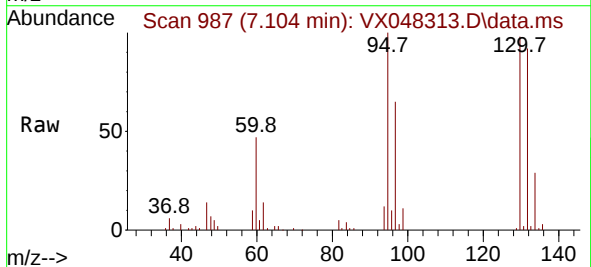
Manual Integrations
APPROVED

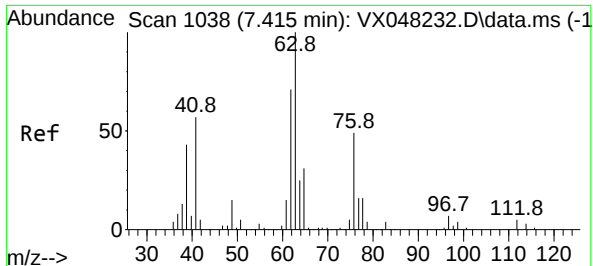
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#44
Trichloroethene
Concen: 19.501 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Tgt Ion:130 Resp: 35584
Ion Ratio Lower Upper
130 100
95 102.1 0.0 200.6





#45

1,2-Dichloropropane

Concen: 21.440 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048313.D

Acq: 23 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

Tgt Ion: 63 Resp: 3522

Ion Ratio Lower Upper

63 100

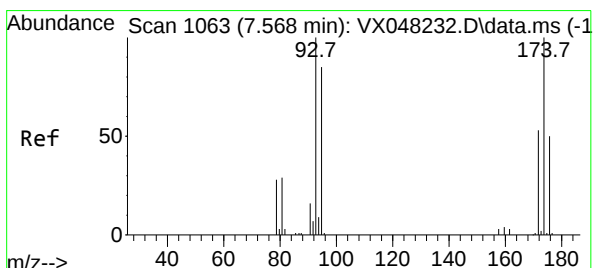
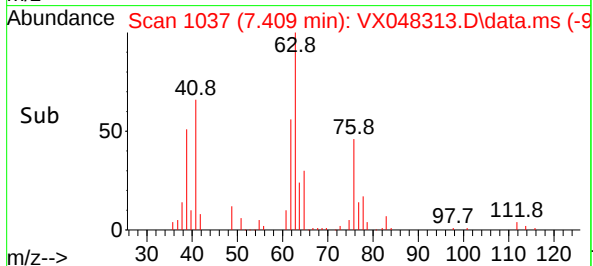
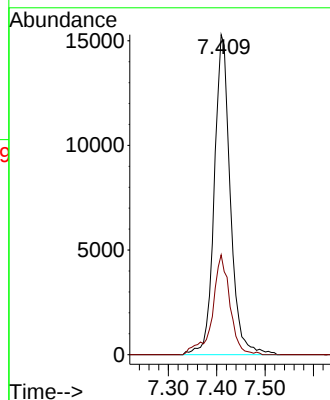
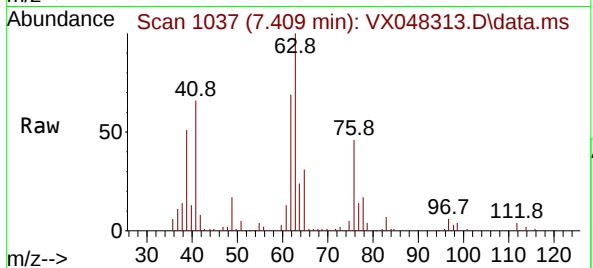
65 31.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#46

Dibromomethane

Concen: 19.982 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048313.D

Acq: 23 Oct 2025 10:36

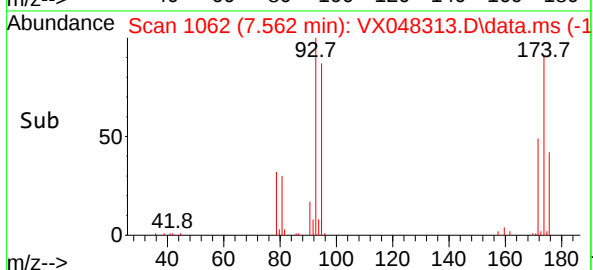
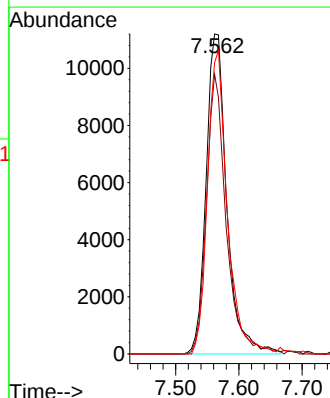
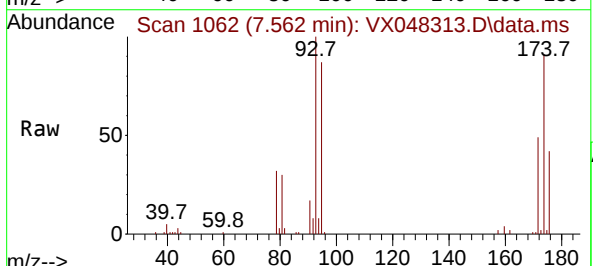
Tgt Ion: 93 Resp: 25577

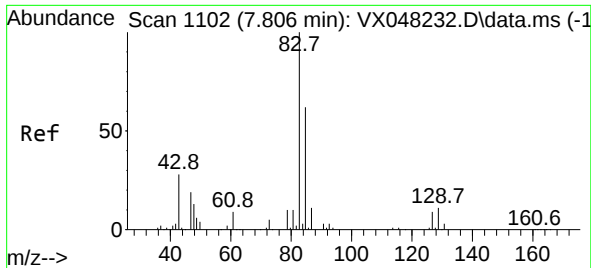
Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 90.7 71.7 107.5





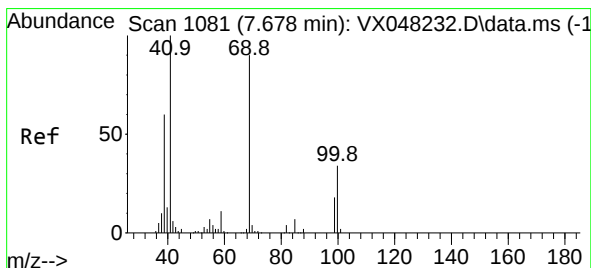
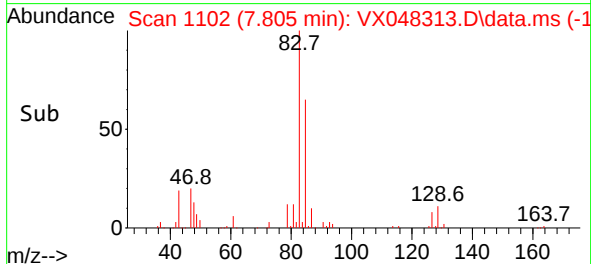
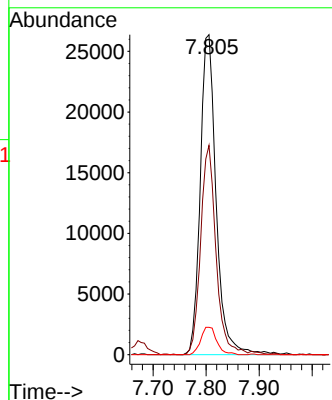
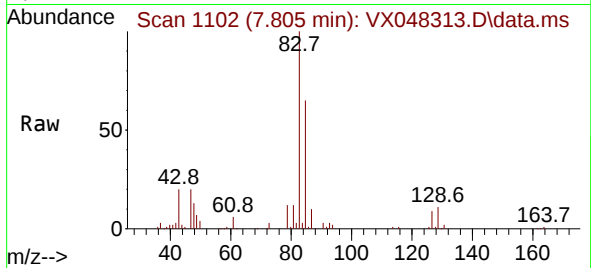
#47
Bromodichloromethane
Concen: 19.917 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tgt Ion: 83 Resp: 55040
Ion Ratio Lower Upper
83 100
85 65.4 52.2 78.4
127 8.5 7.3 10.9

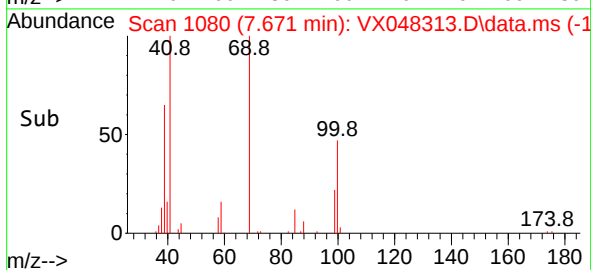
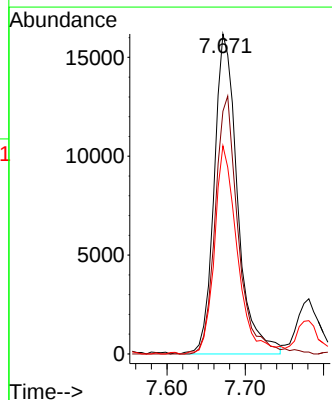
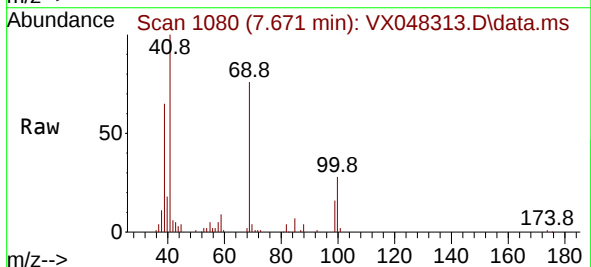
Manual Integrations
APPROVED

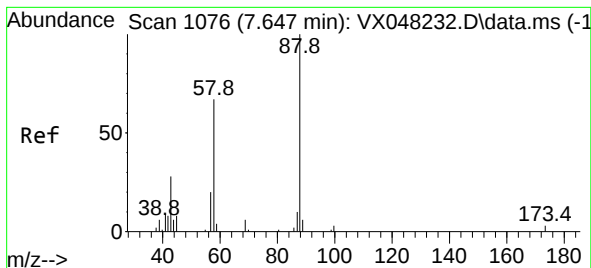
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#48
Methyl methacrylate
Concen: 20.563 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Tgt Ion: 41 Resp: 33625
Ion Ratio Lower Upper
41 100
69 79.3 63.4 95.0
39 63.8 47.1 70.7





#49

1,4-Dioxane

Concen: 338.318 ug/l

RT: 7.641 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX048313.D

Acq: 23 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

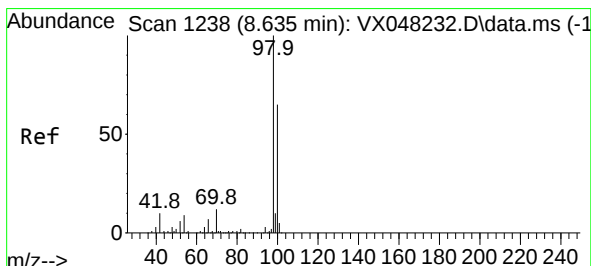
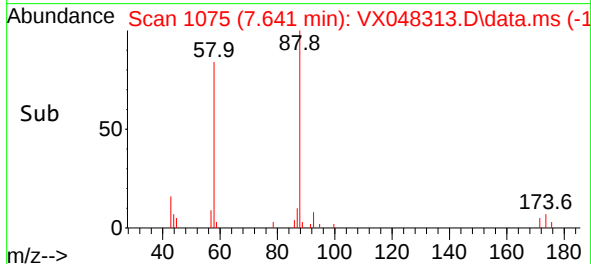
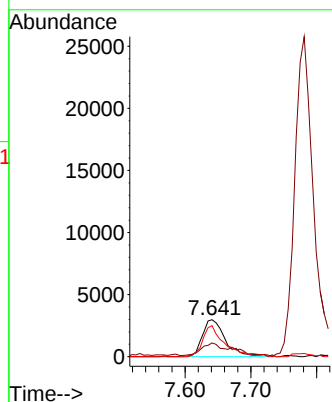
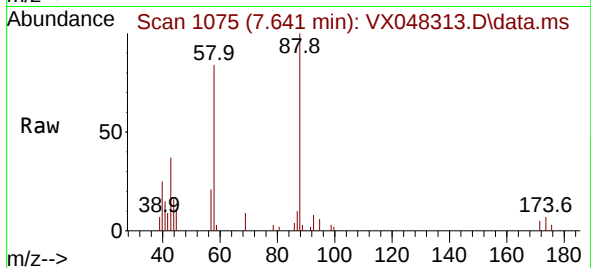
Tgt Ion:	88	Resp:	7309
Ion	Ratio	Lower	Upper
88	100		
43	29.4	35.0	52.4
58	76.5	61.9	92.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#50

Toluene-d8

Concen: 48.329 ug/l

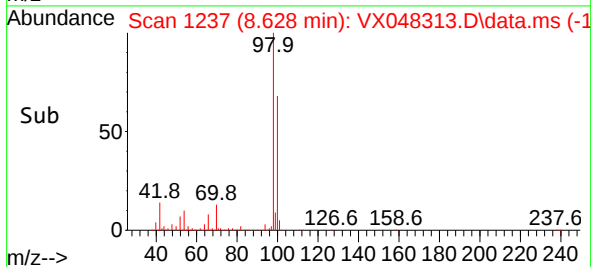
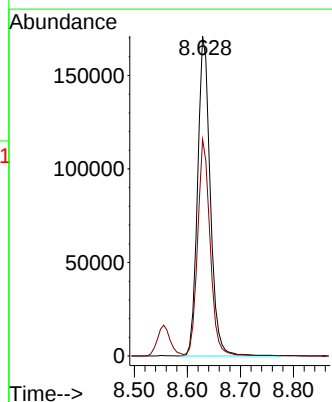
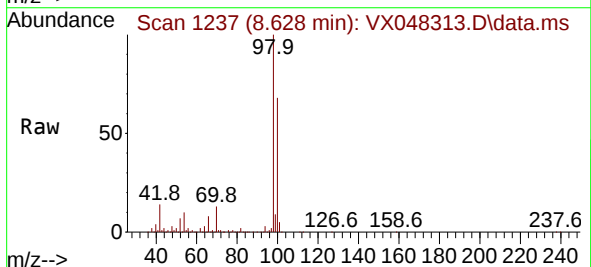
RT: 8.628 min Scan# 1237

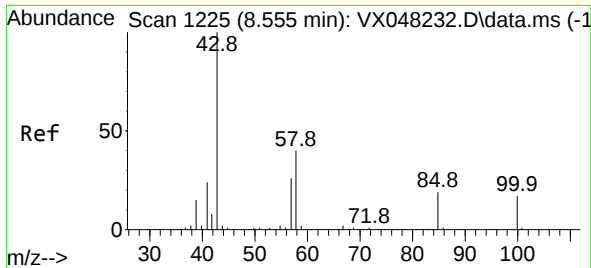
Delta R.T. -0.006 min

Lab File: VX048313.D

Acq: 23 Oct 2025 10:36

Tgt Ion:	98	Resp:	283676
Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.0	79.4





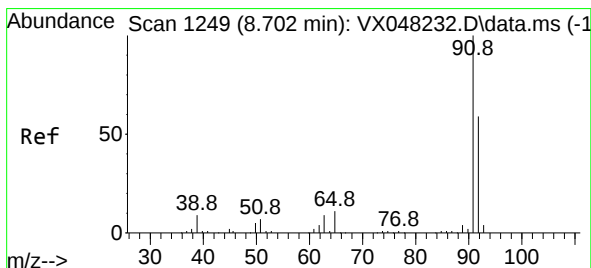
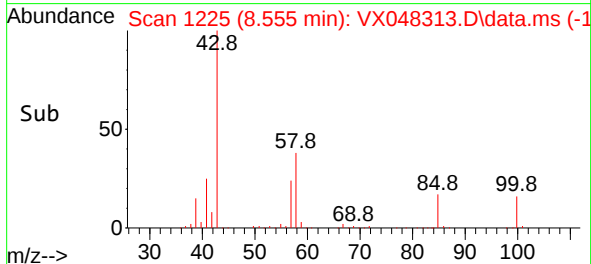
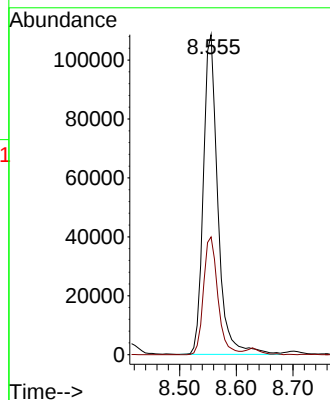
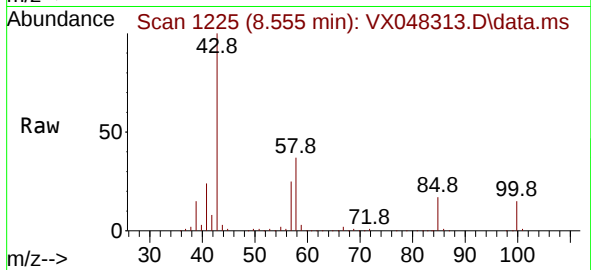
#51
4-Methyl-2-Pentanone
Concen: 103.229 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tgt Ion: 43 Resp: 192878
Ion Ratio Lower Upper
43 100
58 36.3 29.5 44.3

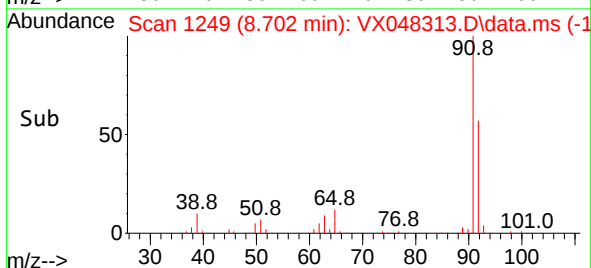
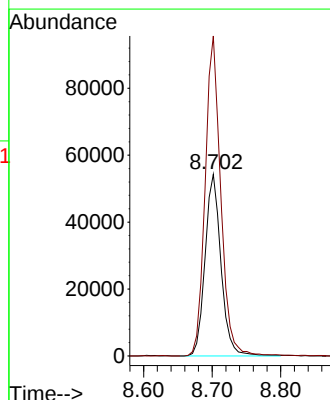
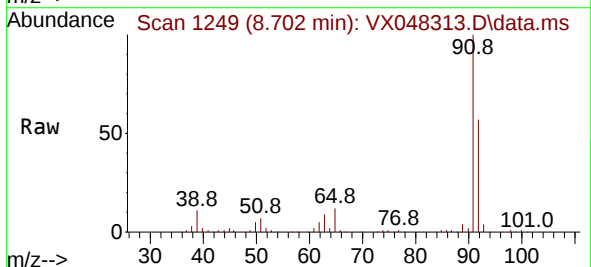
Manual Integrations
APPROVED

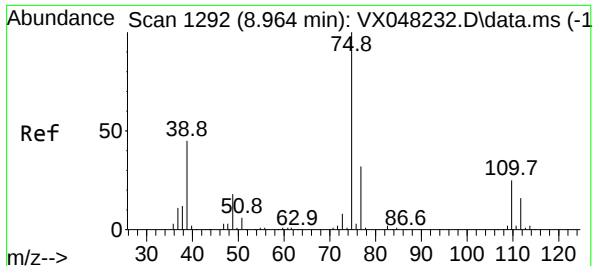
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#52
Toluene
Concen: 19.997 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Tgt Ion: 92 Resp: 87790
Ion Ratio Lower Upper
92 100
91 173.0 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 19.098 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048313.D

Acq: 23 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

Tgt Ion: 75 Resp: 50864

Ion Ratio Lower Upper

75 100

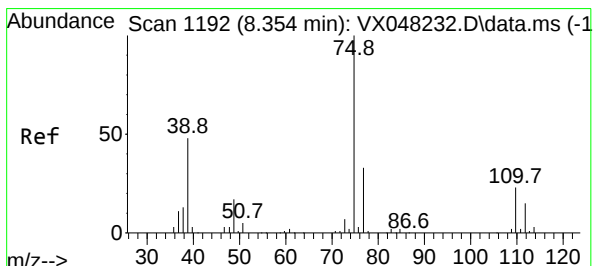
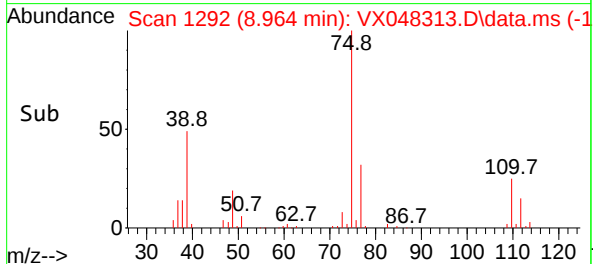
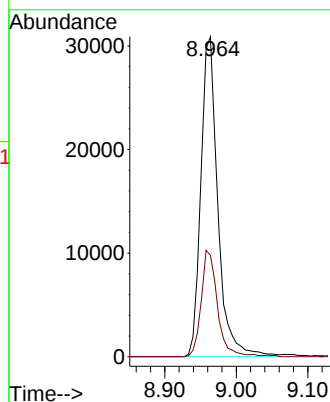
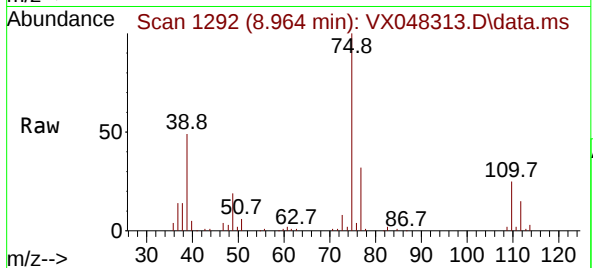
77 31.7 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#54

cis-1,3-Dichloropropene

Concen: 19.107 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX048313.D

Acq: 23 Oct 2025 10:36

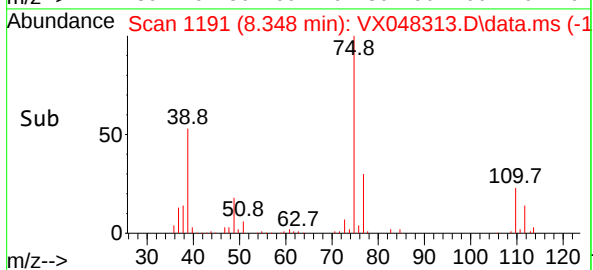
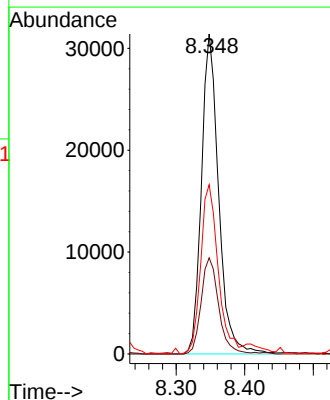
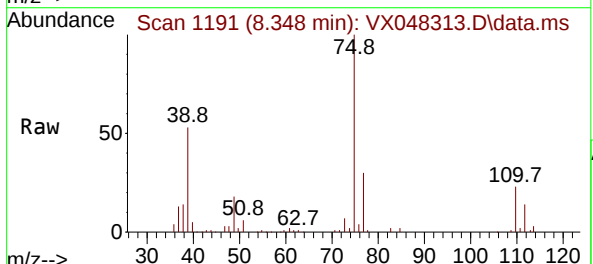
Tgt Ion: 75 Resp: 54903

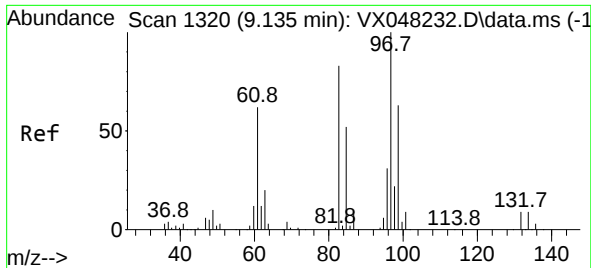
Ion Ratio Lower Upper

75 100

77 30.1 24.9 37.3

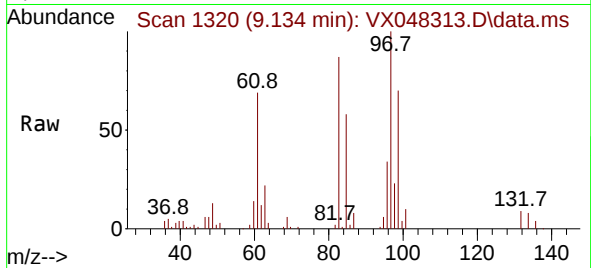
39 51.4 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 19.566 ug/l
RT: 9.134 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

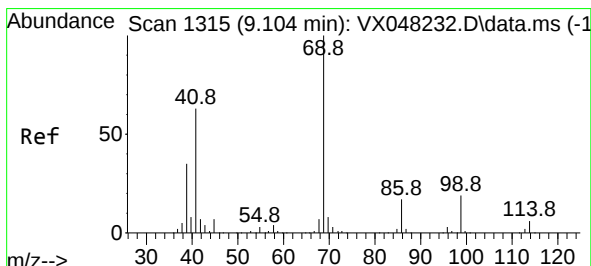
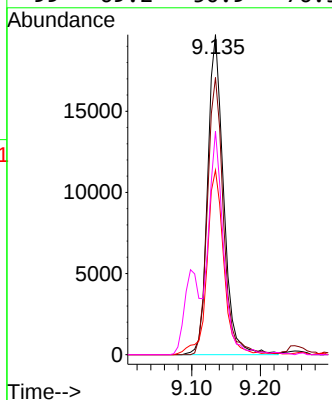
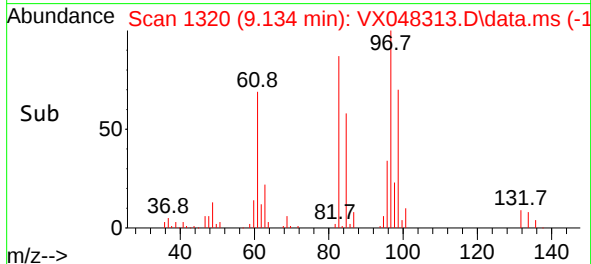
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



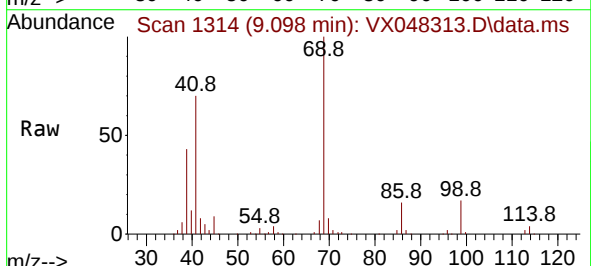
Tgt Ion: 97 Resp: 3194
Ion Ratio Lower Upper
97 100
83 88.1 70.6 105.8
85 57.3 45.0 67.6
99 69.2 50.9 76.3

Manual Integrations
APPROVED

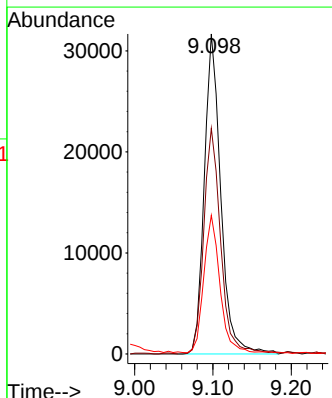
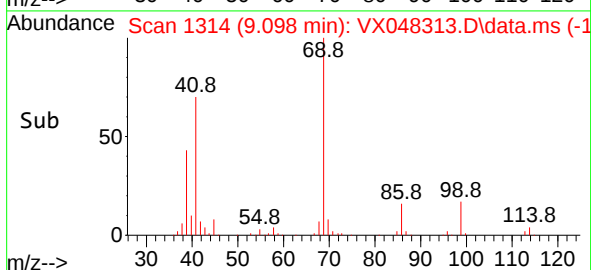
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

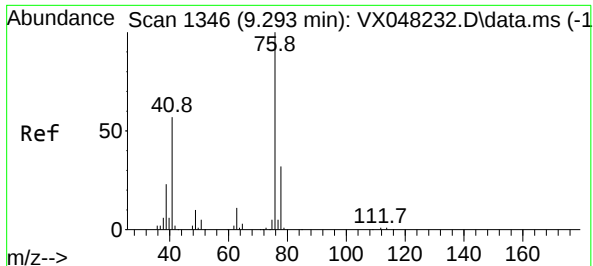


#56
Ethyl methacrylate
Concen: 19.426 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36



Tgt Ion: 69 Resp: 46389
Ion Ratio Lower Upper
69 100
41 72.0 56.0 84.0
39 43.2 31.6 47.4





#57

1,3-Dichloropropane

Concen: 20.530 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048313.D

Acq: 23 Oct 2025 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX1023WBS01

Tgt Ion: 76 Resp: 5725

Ion Ratio Lower Upper

76 100

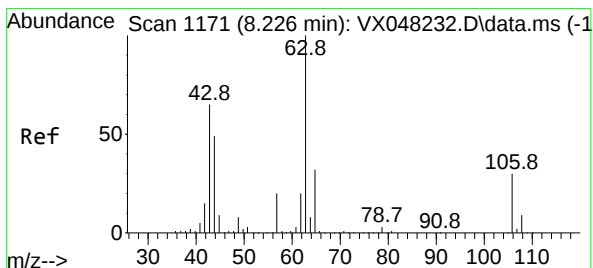
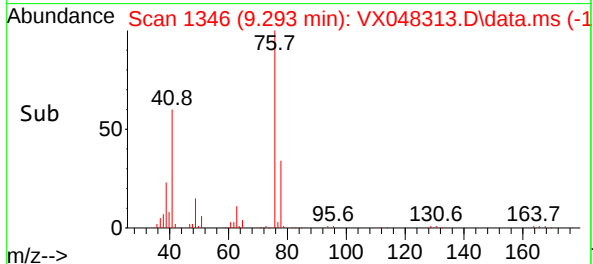
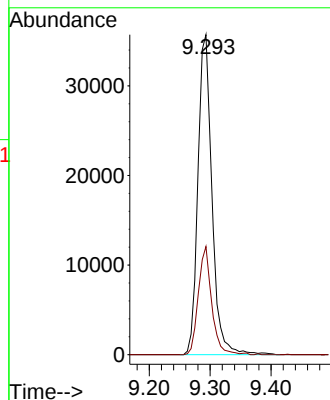
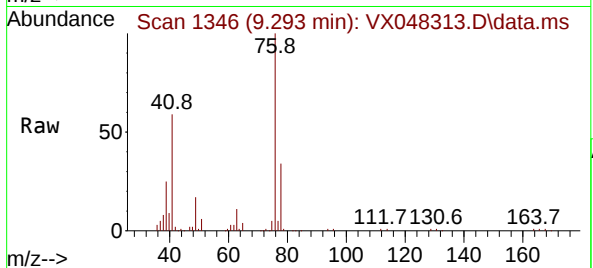
78 32.2 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/27/2025



#58

2-Chloroethyl Vinyl ether

Concen: 95.112 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VX048313.D

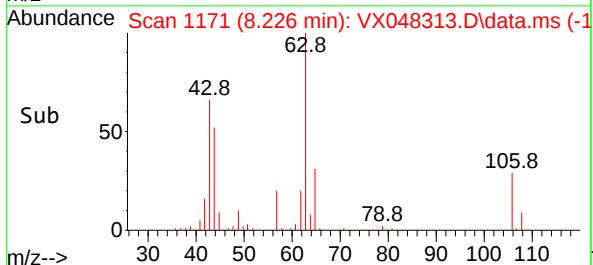
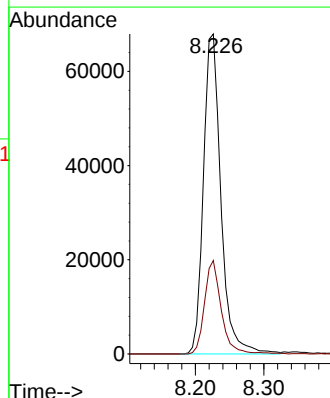
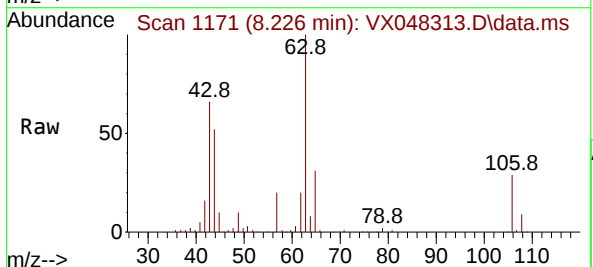
Acq: 23 Oct 2025 10:36

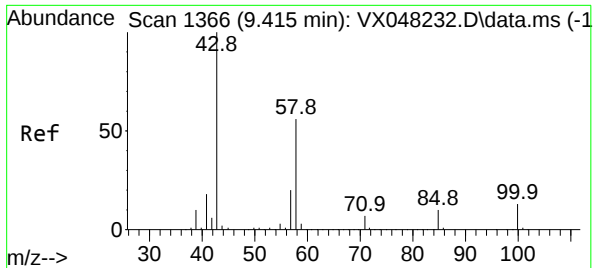
Tgt Ion: 63 Resp: 120764

Ion Ratio Lower Upper

63 100

106 28.0 22.2 33.2





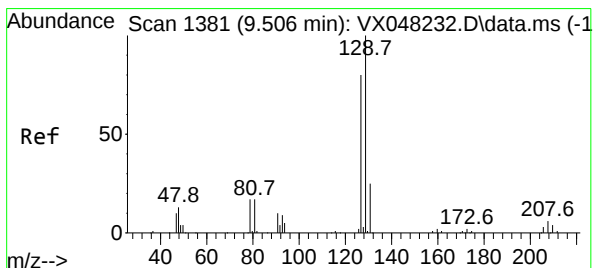
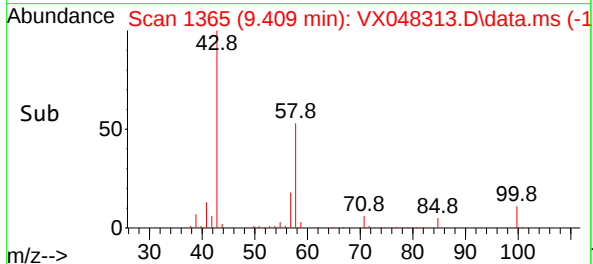
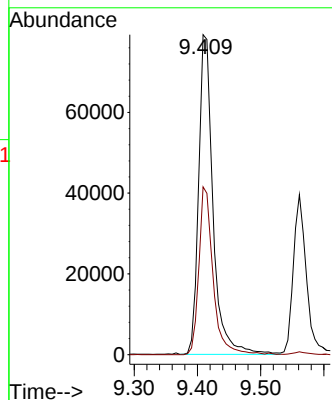
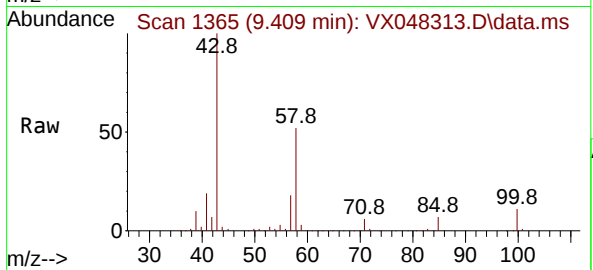
#59
2-Hexanone
Concen: 96.455 ug/l
RT: 9.409 min Scan# 1366
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tgt Ion: 43 Resp: 125660
Ion Ratio Lower Upper
43 100
58 51.7 26.3 78.8

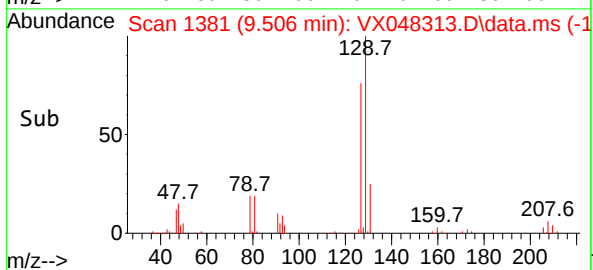
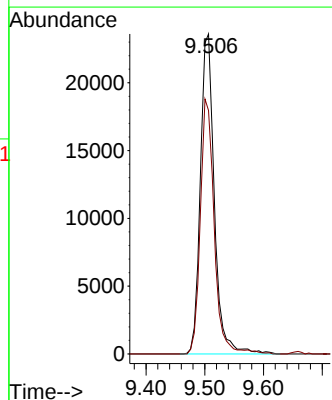
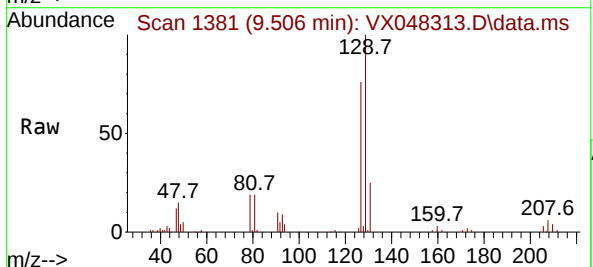
Manual Integrations
APPROVED

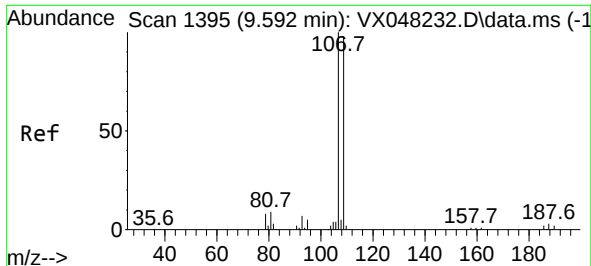
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#60
Dibromochloromethane
Concen: 17.786 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

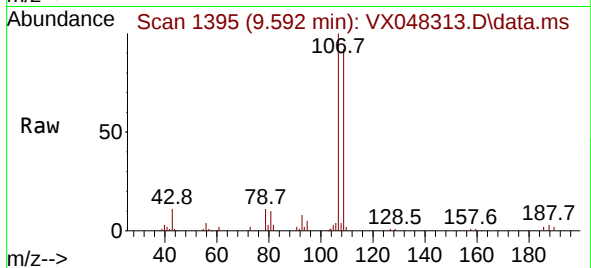
Tgt Ion:129 Resp: 39027
Ion Ratio Lower Upper
129 100
127 79.1 38.6 115.7





#61
1,2-Dibromoethane
Concen: 19.201 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

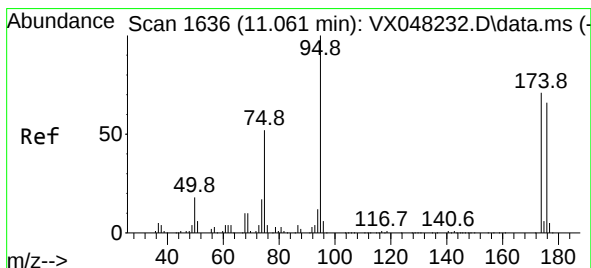
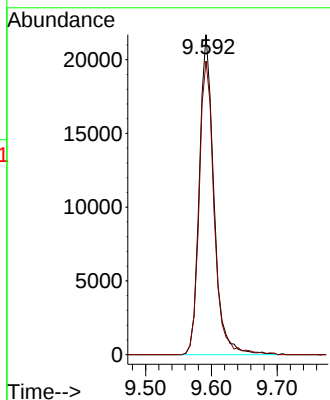
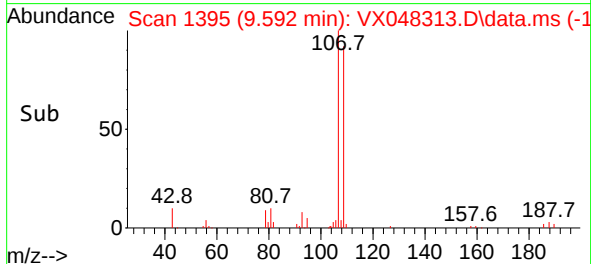
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



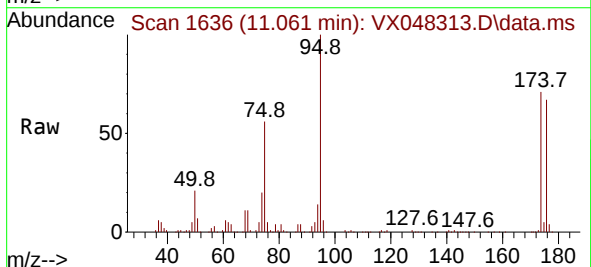
Tgt Ion:107 Resp: 33418
Ion Ratio Lower Upper
107 100
109 94.6 77.0 115.4

Manual Integrations
APPROVED

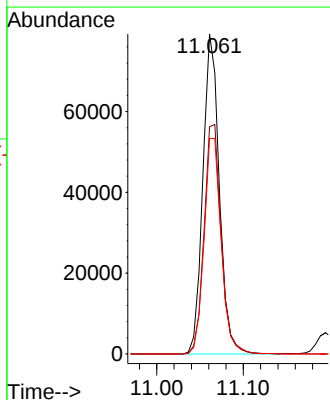
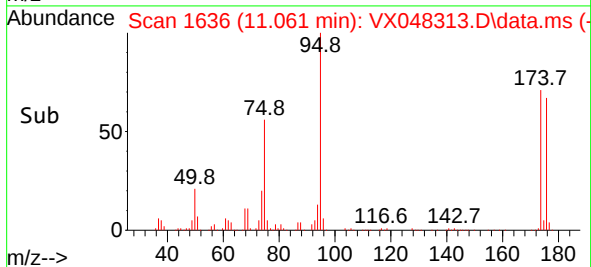
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

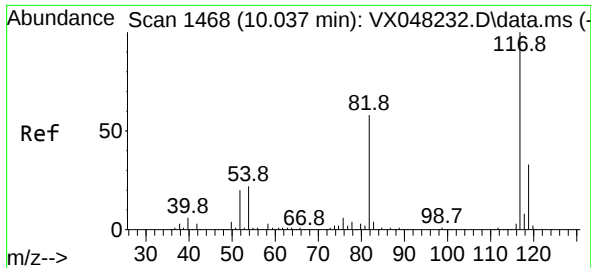


#62
4-Bromofluorobenzene
Concen: 46.807 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36



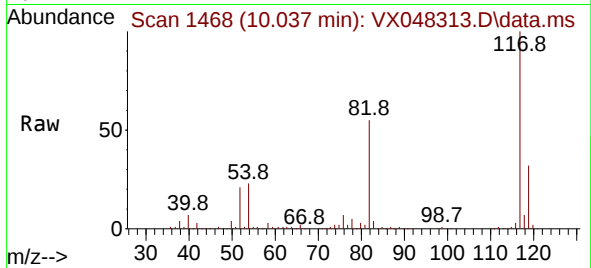
Tgt Ion: 95 Resp: 104520
Ion Ratio Lower Upper
95 100
174 74.4 0.0 147.8
176 70.5 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

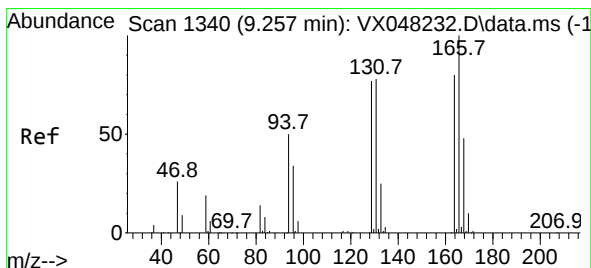
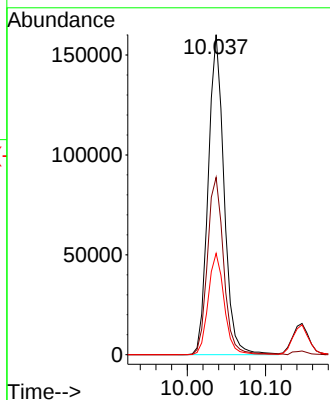
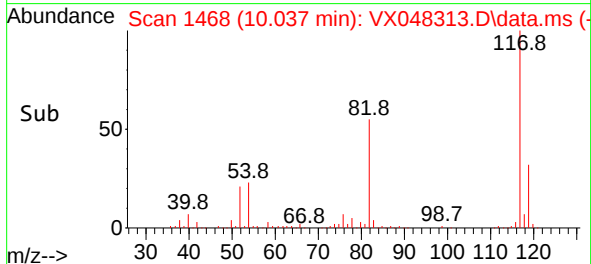
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



Tgt Ion:117 Resp: 224709
Ion Ratio Lower Upper
117 100
82 55.4 46.5 69.7
119 31.6 25.9 38.9

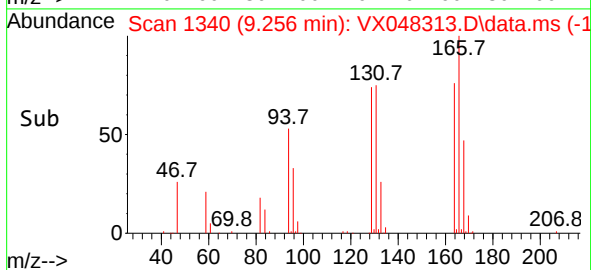
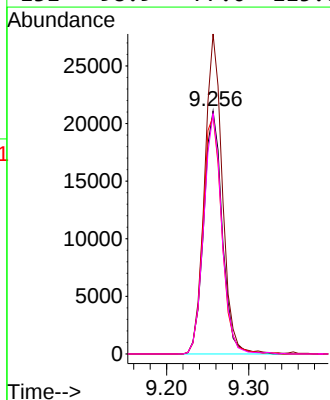
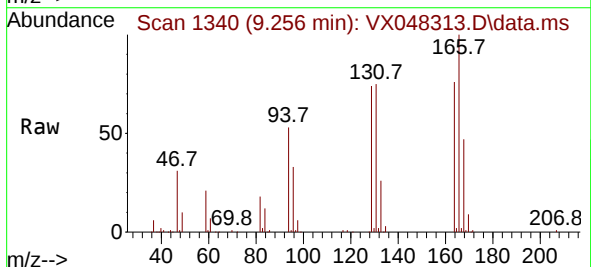
Manual Integrations
APPROVED

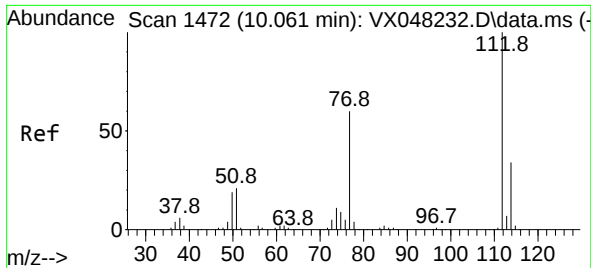
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#64
Tetrachloroethene
Concen: 19.529 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Tgt Ion:164 Resp: 32760
Ion Ratio Lower Upper
164 100
166 131.7 104.5 156.7
129 97.9 81.8 122.6
131 98.9 77.0 115.6





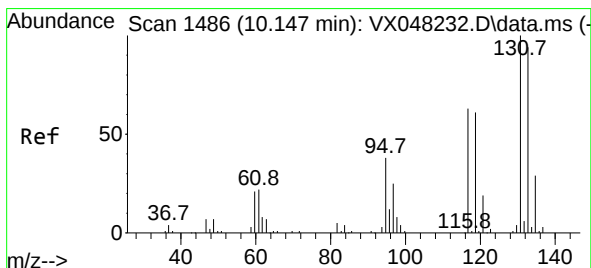
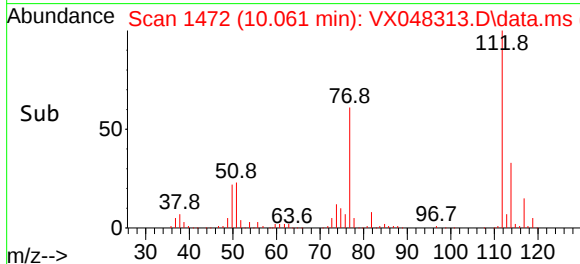
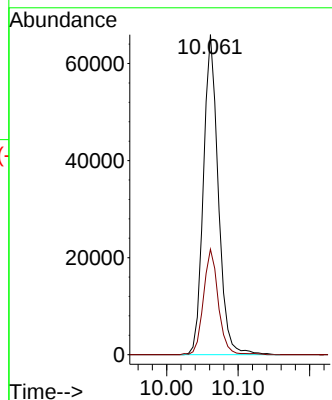
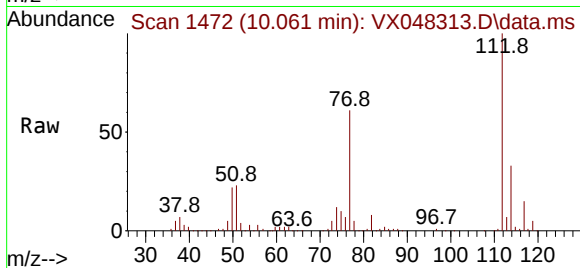
#65
Chlorobenzene
Concen: 18.837 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tgt Ion:112 Resp: 95210
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.2

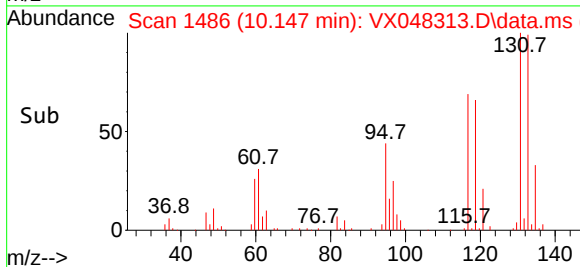
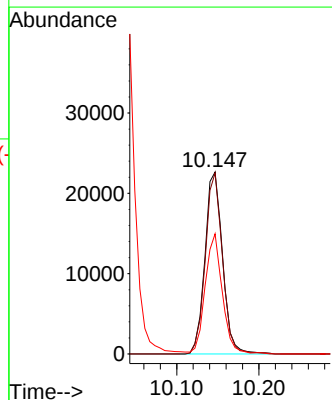
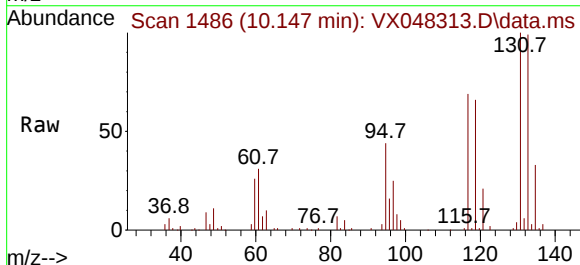
Manual Integrations
APPROVED

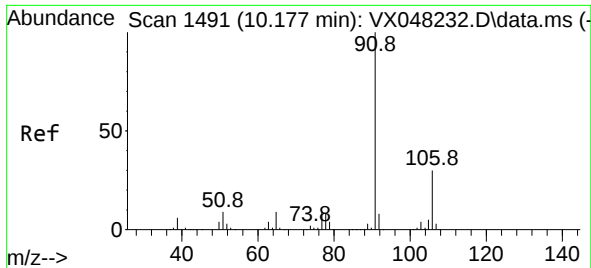
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 18.191 ug/l
RT: 10.147 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

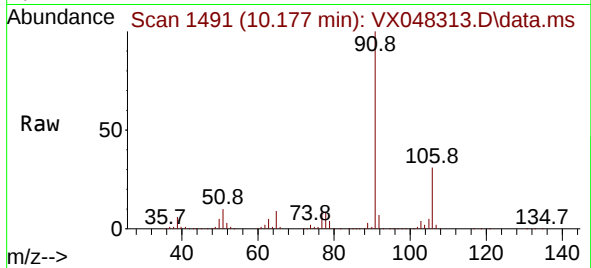
Tgt Ion:131 Resp: 33773
Ion Ratio Lower Upper
131 100
133 96.6 47.6 142.8
119 64.3 32.5 97.5





#67
Ethyl Benzene
Concen: 19.161 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

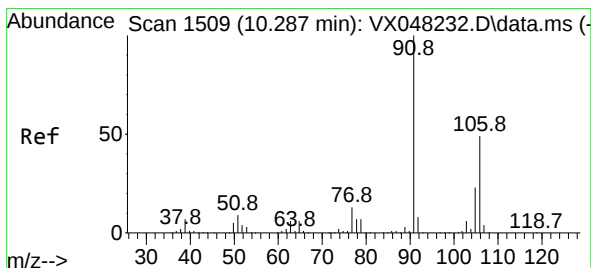
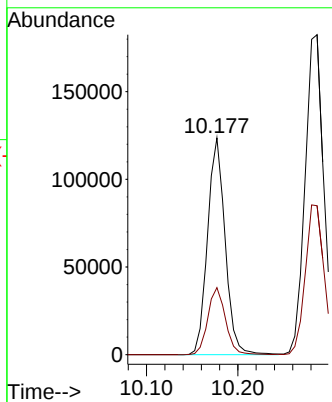
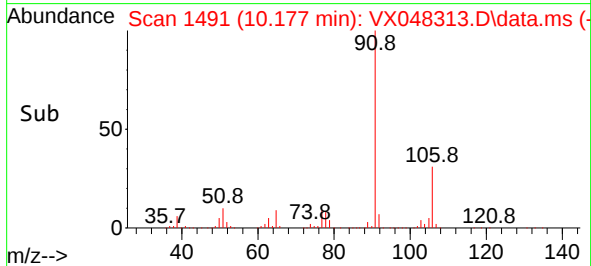
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



Tgt Ion: 91 Resp: 164902
Ion Ratio Lower Upper
91 100
106 30.9 23.8 35.6

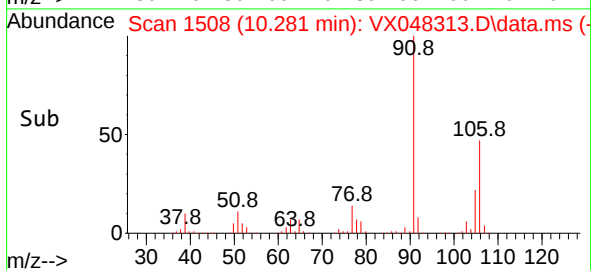
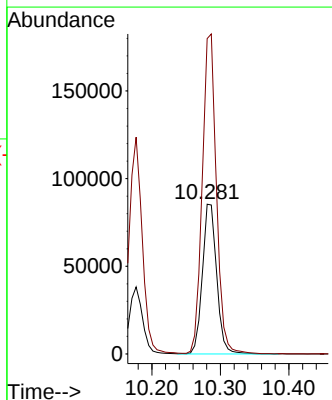
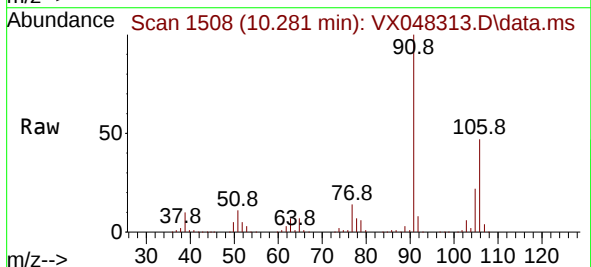
Manual Integrations
APPROVED

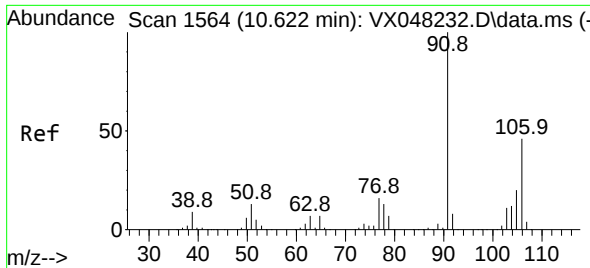
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#68
m/p-Xylenes
Concen: 38.814 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Tgt Ion:106 Resp: 124111
Ion Ratio Lower Upper
106 100
91 211.8 167.9 251.9





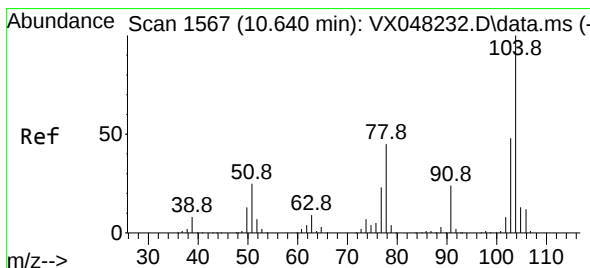
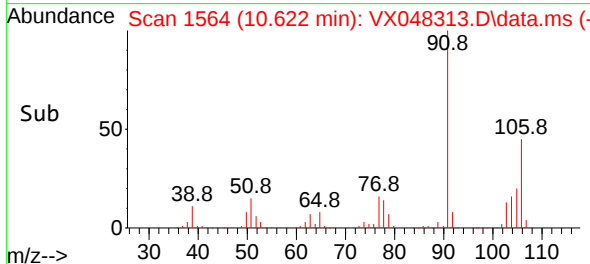
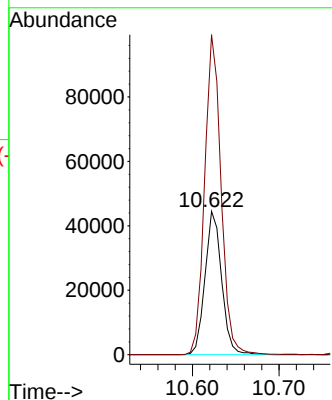
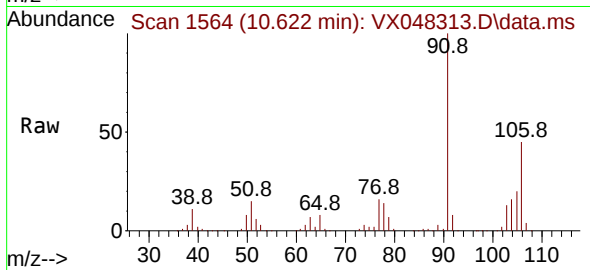
#69
o-Xylene
Concen: 19.217 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tgt Ion:106 Resp: 5932
Ion Ratio Lower Upper
106 100
91 220.5 111.3 333.9

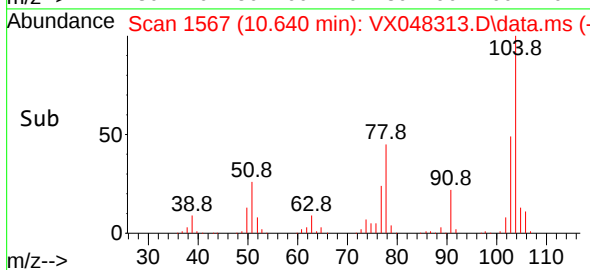
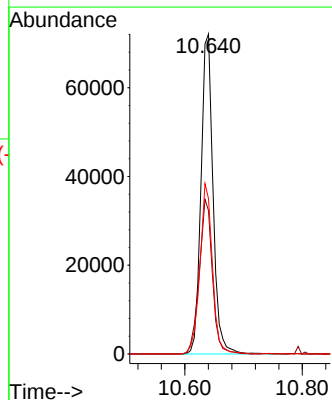
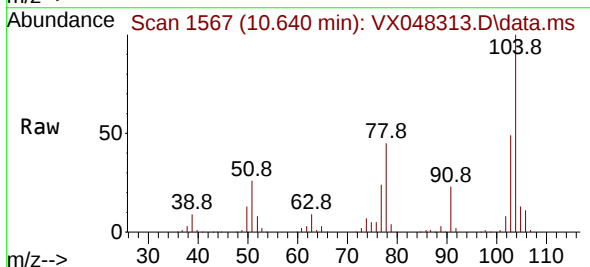
Manual Integrations
APPROVED

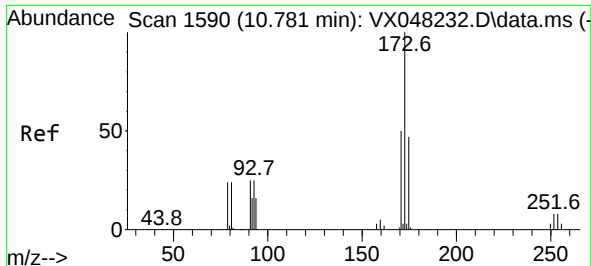
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#70
Styrene
Concen: 19.552 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

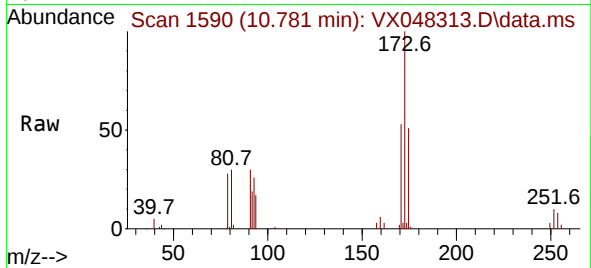
Tgt Ion:104 Resp: 102778
Ion Ratio Lower Upper
104 100
78 52.6 42.2 63.4
103 55.4 43.0 64.4





#71
Bromoform
Concen: 15.973 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

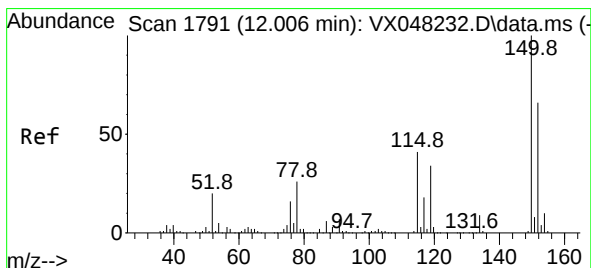
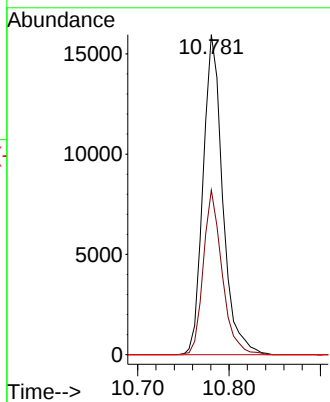
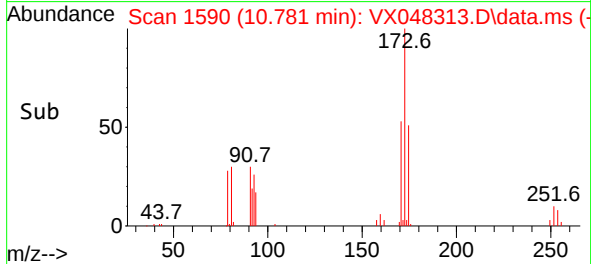
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



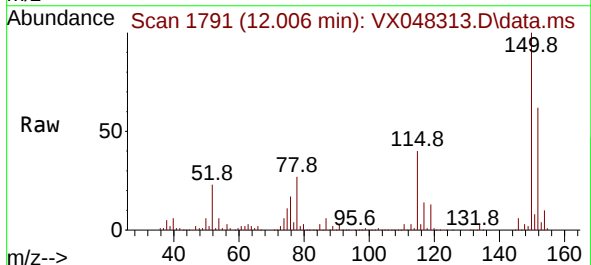
Tgt Ion:173 Resp: 2370
Ion Ratio Lower Upper
173 100
175 49.3 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

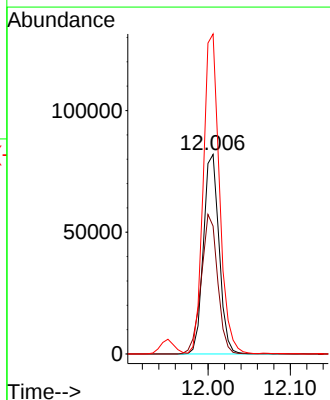
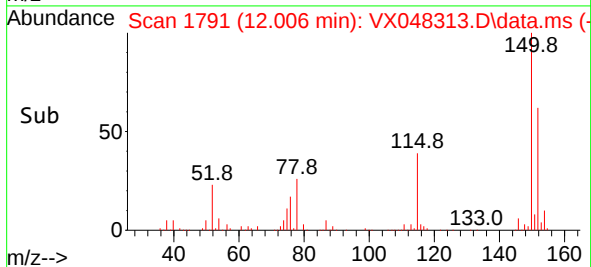
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

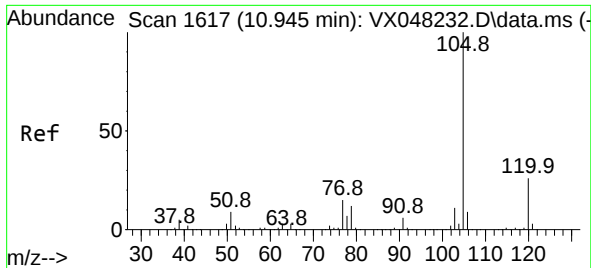


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36



Tgt Ion:152 Resp: 108201
Ion Ratio Lower Upper
152 100
115 73.2 43.1 129.4
150 165.5 0.0 353.0





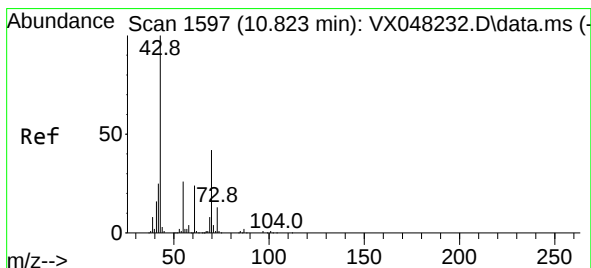
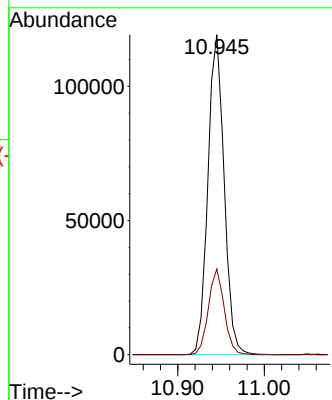
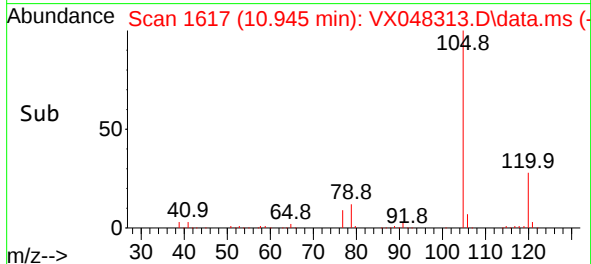
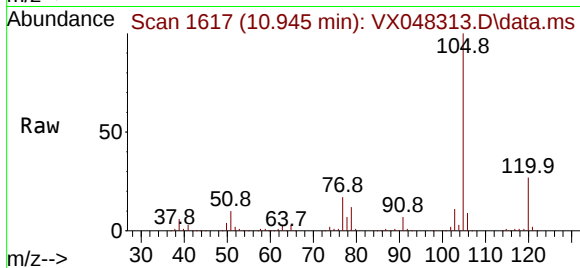
#73
Isopropylbenzene
Concen: 19.627 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tgt Ion:105 Resp: 155110
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9

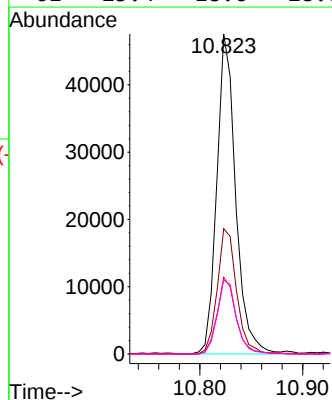
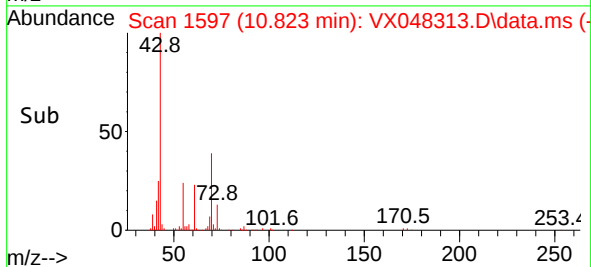
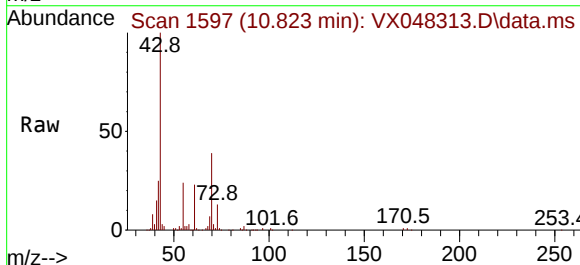
Manual Integrations
APPROVED

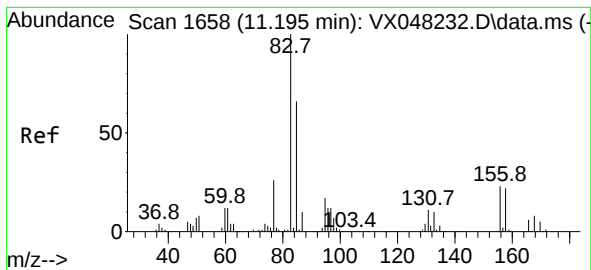
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#74
N-ethyl acetate
Concen: 21.560 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Tgt Ion: 43 Resp: 60439
Ion Ratio Lower Upper
43 100
70 40.1 32.2 48.2
55 24.2 19.1 28.7
61 23.4 18.6 28.0





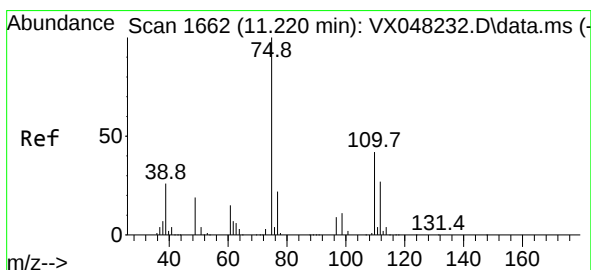
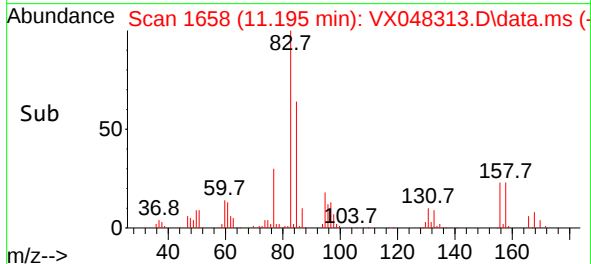
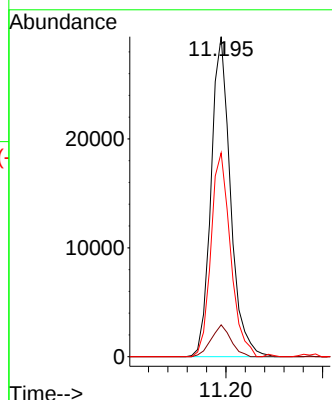
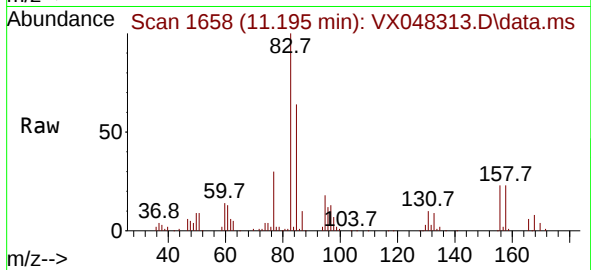
#75
1,1,2,2-Tetrachloroethane
Concen: 18.984 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tgt Ion: 83 Resp: 40972
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.4
85 64.2 31.9 95.7

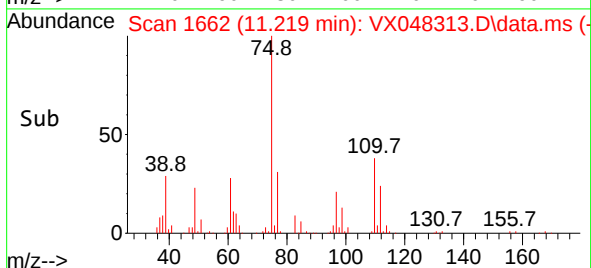
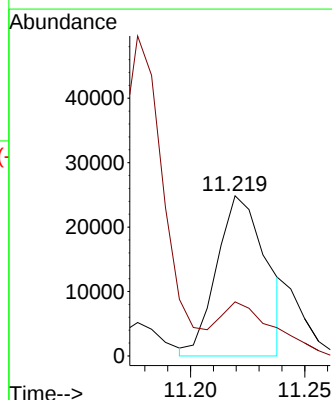
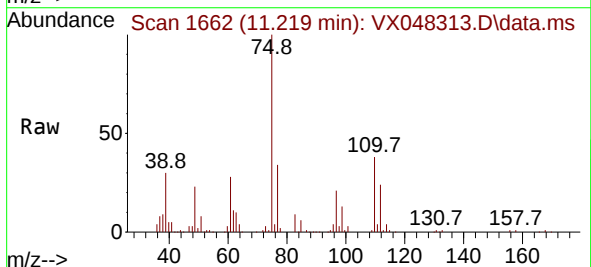
Manual Integrations
APPROVED

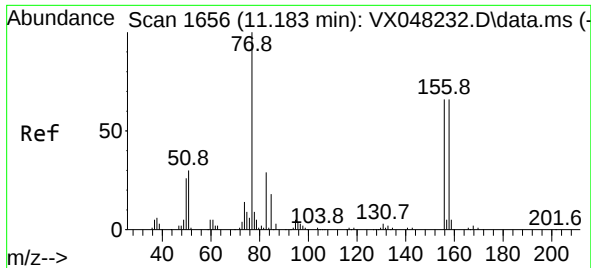
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#76
1,2,3-Trichloropropane
Concen: 21.253 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

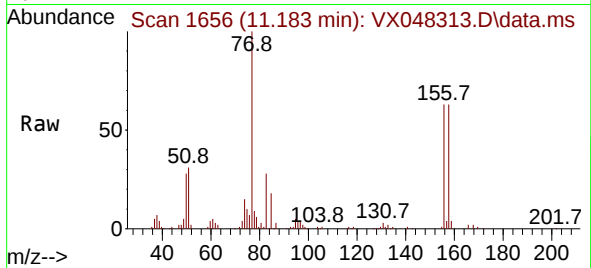
Tgt Ion: 75 Resp: 37291
Ion Ratio Lower Upper
75 100
77 36.7 22.4 67.2





#77
Bromobenzene
Concen: 18.955 ug/l
RT: 11.183 min Scan# 1656
Delta R.T. 0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

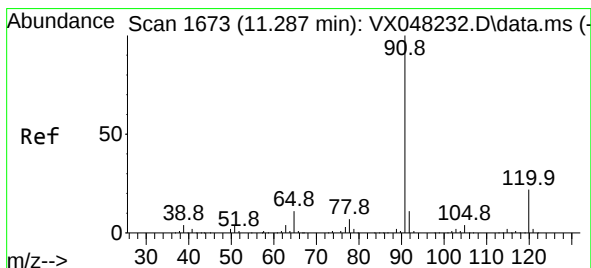
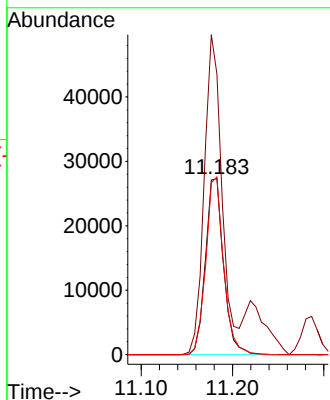
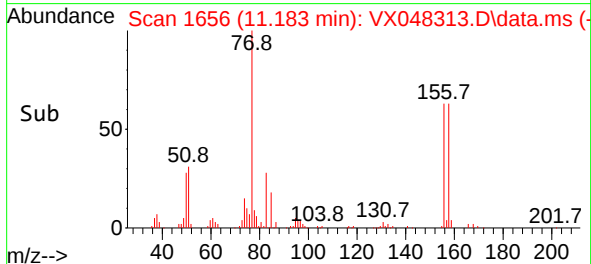
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



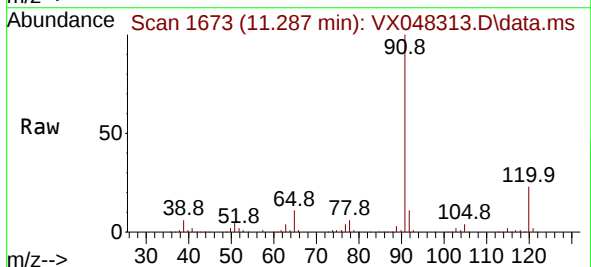
Tgt Ion:156 Resp: 37562
Ion Ratio Lower Upper
156 100
77 177.8 87.0 261.0
158 99.5 47.8 143.4

Manual Integrations
APPROVED

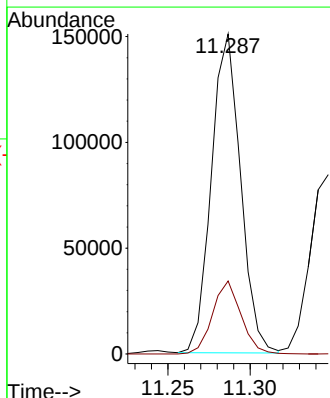
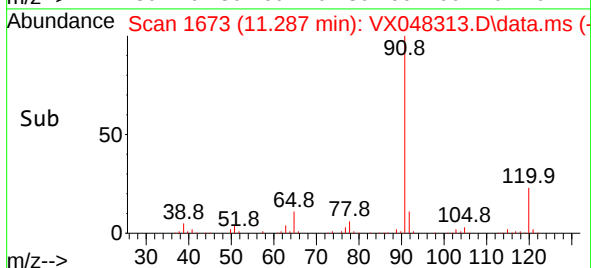
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

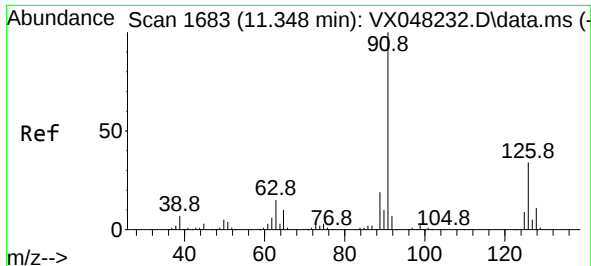


#78
n-propylbenzene
Concen: 20.364 ug/l
RT: 11.287 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36



Tgt Ion: 91 Resp: 186336
Ion Ratio Lower Upper
91 100
120 22.3 11.1 33.1





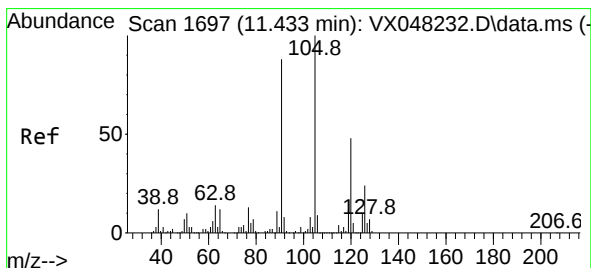
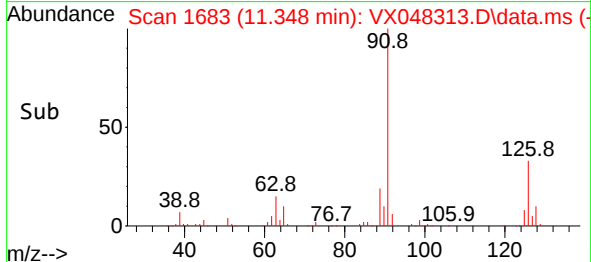
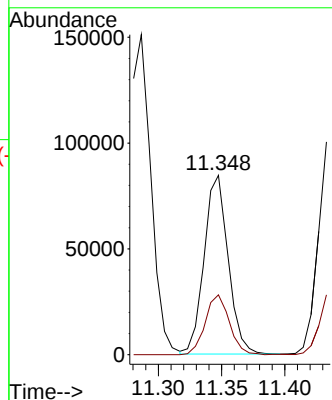
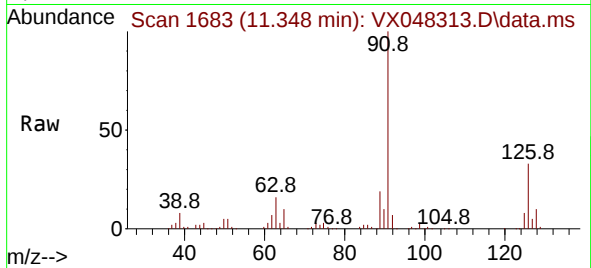
#79
2-Chlorotoluene
Concen: 20.113 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01

Tgt Ion: 91 Resp: 111582
Ion Ratio Lower Upper
91 100
126 33.6 16.4 49.4

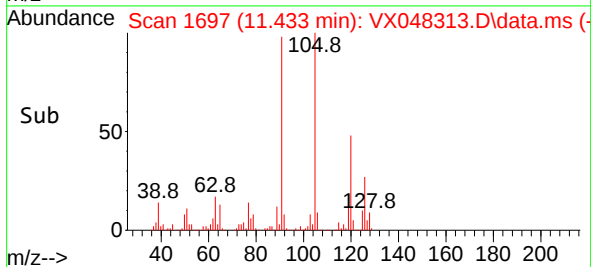
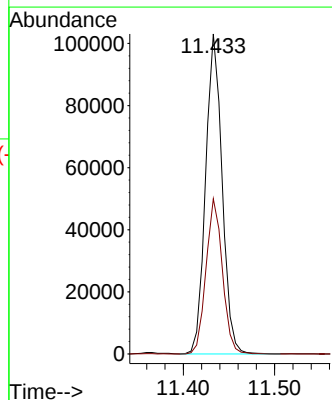
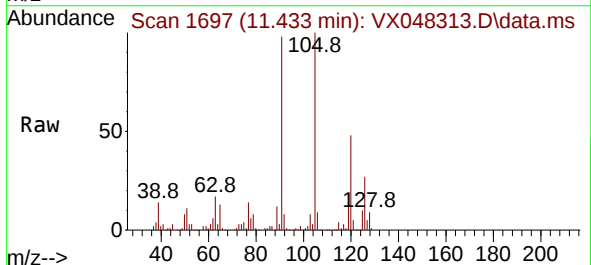
Manual Integrations
APPROVED

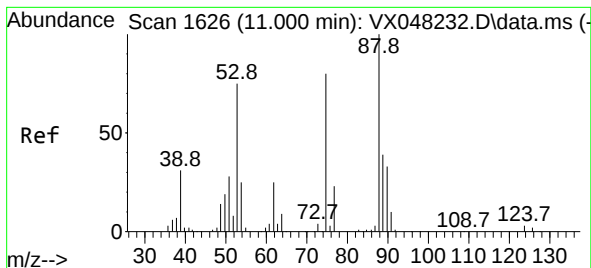
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.717 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

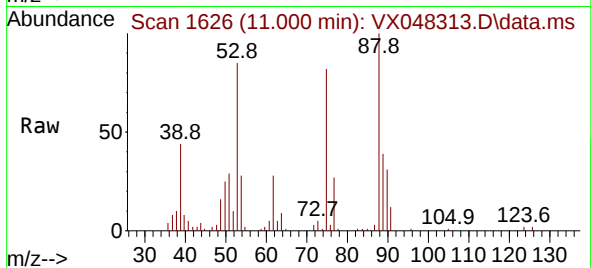
Tgt Ion:105 Resp: 128951
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 13.014 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

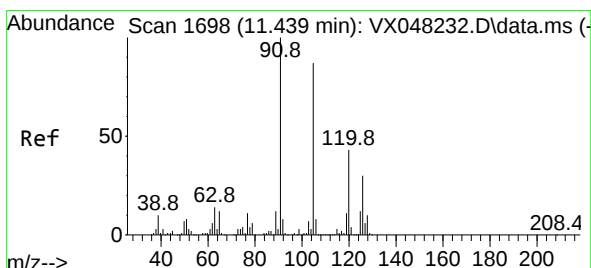
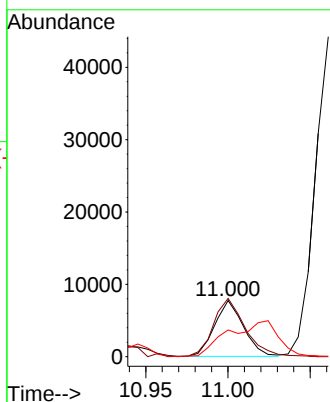
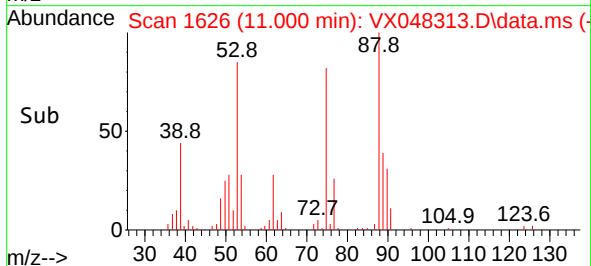
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



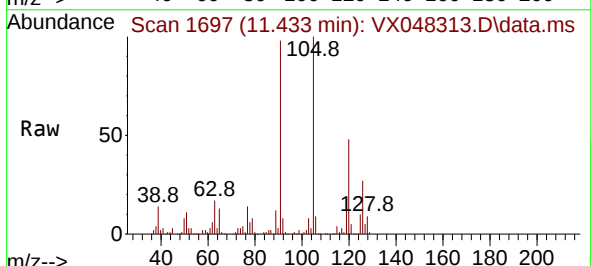
Tgt Ion: 75 Resp: 9380
Ion Ratio Lower Upper
75 100
53 115.7 79.5 119.3
89 0.0 36.8 55.2

Manual Integrations
APPROVED

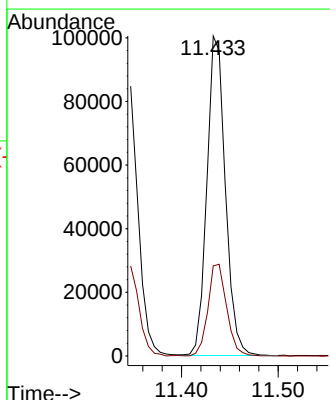
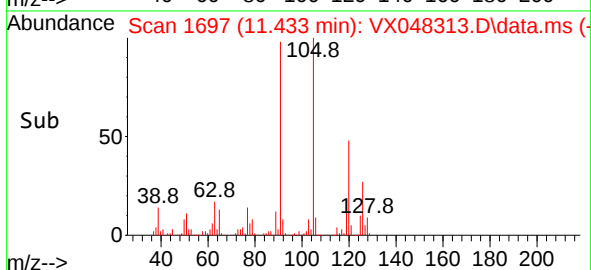
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

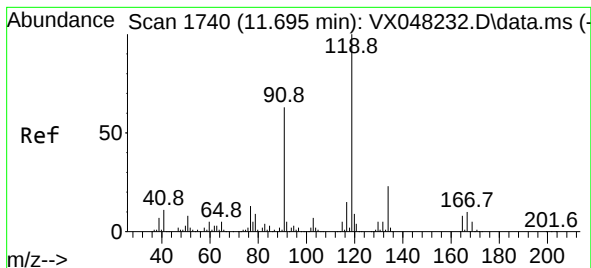


#82
4-Chlorotoluene
Concen: 20.241 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36



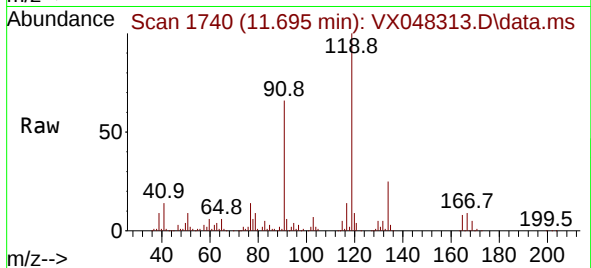
Tgt Ion: 91 Resp: 133302
Ion Ratio Lower Upper
91 100
126 29.2 14.1 42.4





#83
tert-Butylbenzene
Concen: 18.845 ug/l
RT: 11.695 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

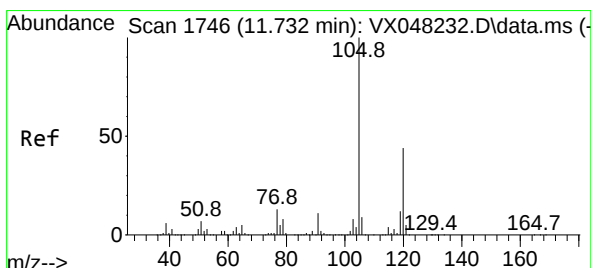
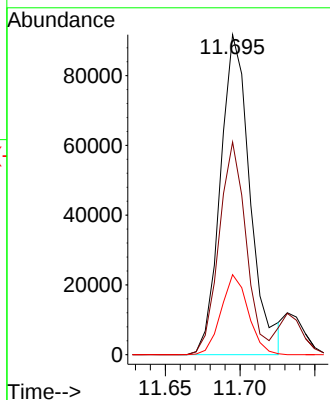
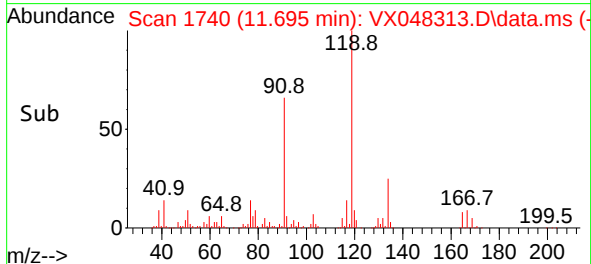
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



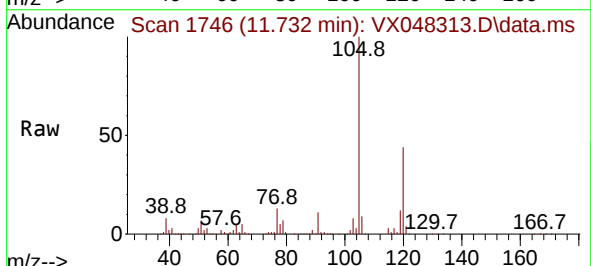
Tgt Ion:119 Resp: 12663
Ion Ratio Lower Upper
119 100
91 60.7 30.3 91.0
134 22.8 11.4 34.2

Manual Integrations
APPROVED

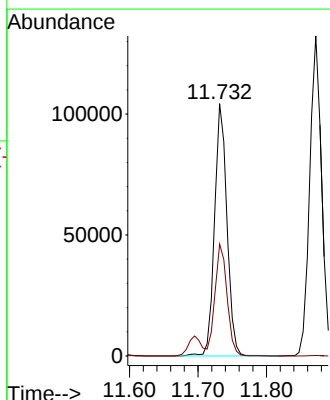
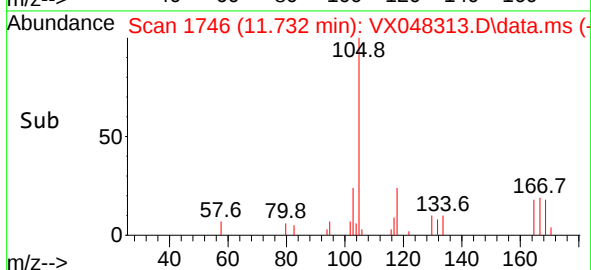
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

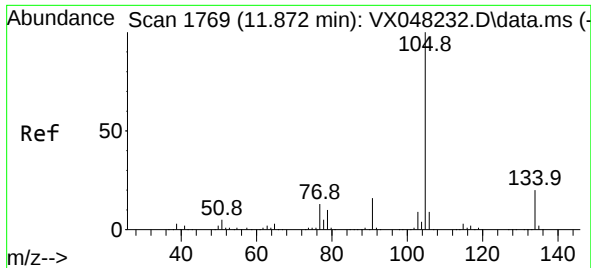


#84
1,2,4-Trimethylbenzene
Concen: 20.112 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36



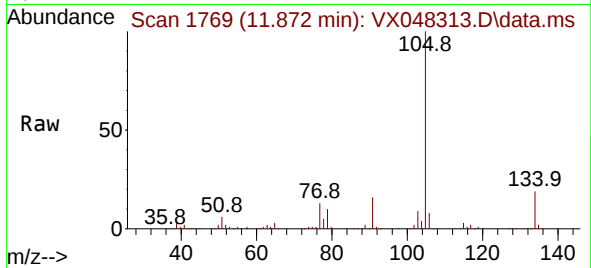
Tgt Ion:105 Resp: 131272
Ion Ratio Lower Upper
105 100
120 43.1 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 19.692 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048313.D
 Acq: 23 Oct 2025 10:36

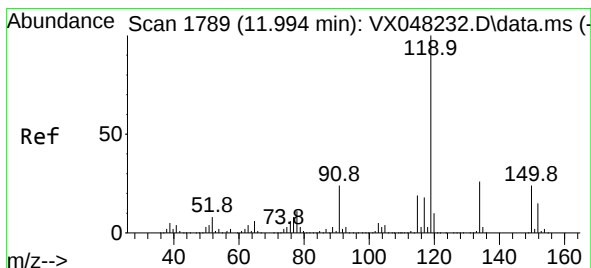
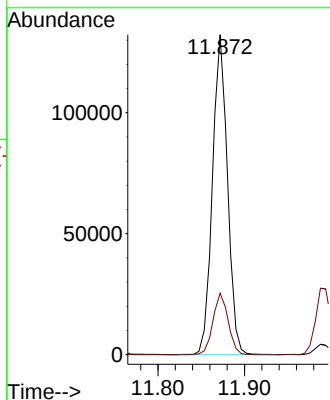
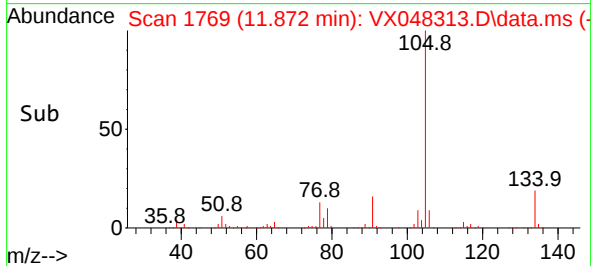
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1023WBS01



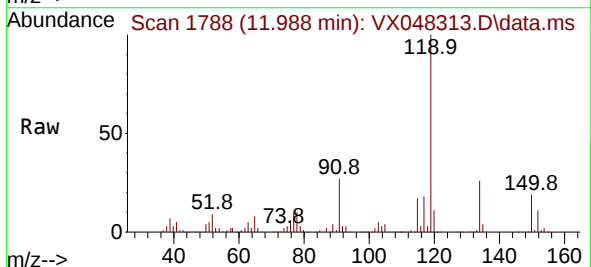
Tgt Ion:105 Resp: 15920
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.1 30.1

Manual Integrations
 APPROVED

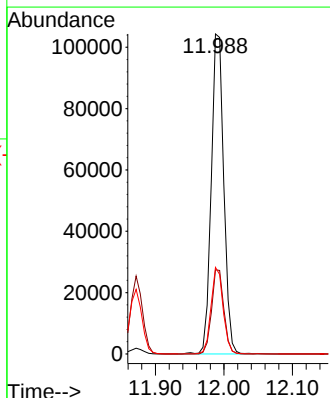
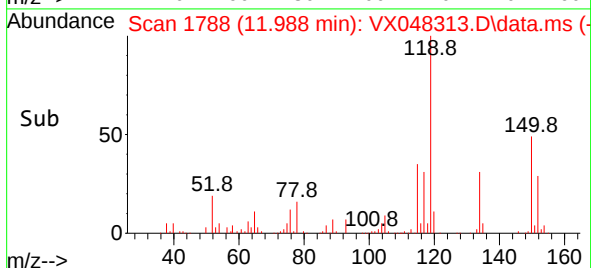
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

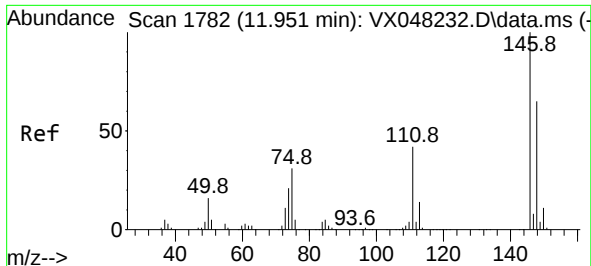


#86
 p-Isopropyltoluene
 Concen: 18.938 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048313.D
 Acq: 23 Oct 2025 10:36



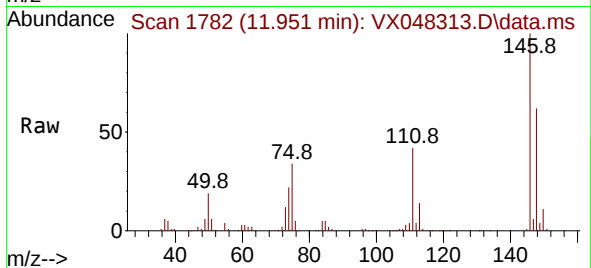
Tgt Ion:119 Resp: 132340
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 26.1 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 19.246 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

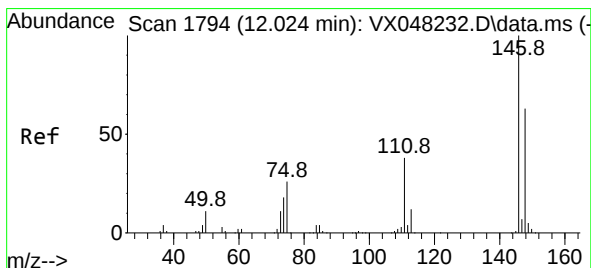
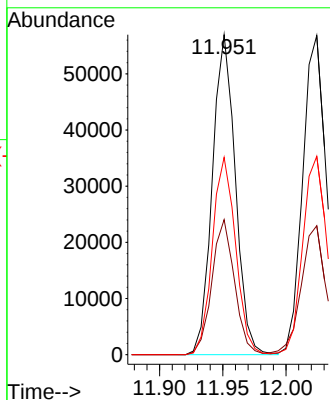
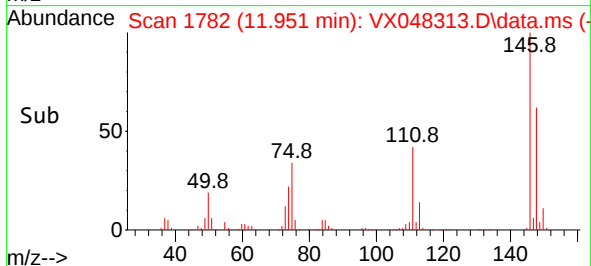
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



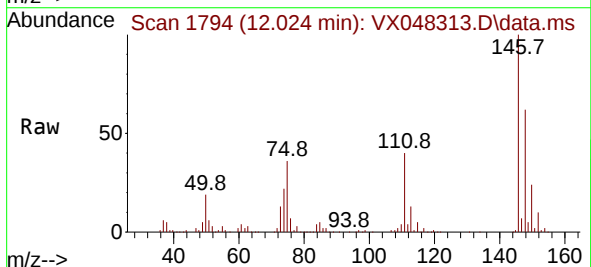
Tgt Ion:146 Resp: 7189
Ion Ratio Lower Upper
146 100
111 41.6 20.4 61.2
148 62.5 31.9 95.9

Manual Integrations
APPROVED

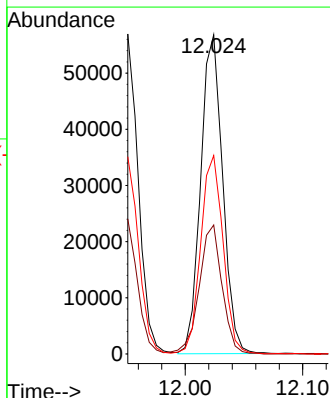
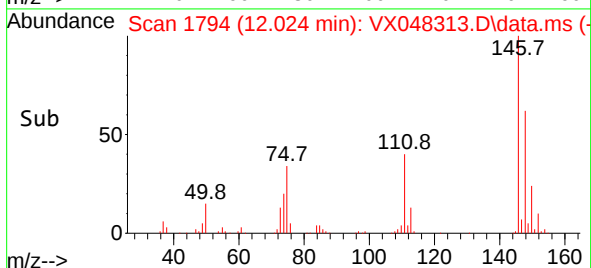
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

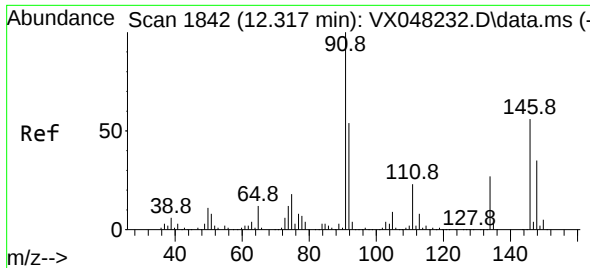


#88
1,4-Dichlorobenzene
Concen: 19.108 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36



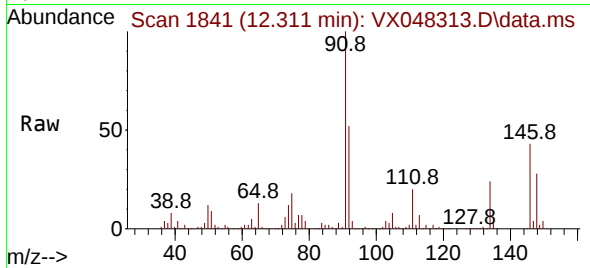
Tgt Ion:146 Resp: 73946
Ion Ratio Lower Upper
146 100
111 42.1 20.1 60.2
148 63.0 31.8 95.3





#89
n-Butylbenzene
Concen: 19.365 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

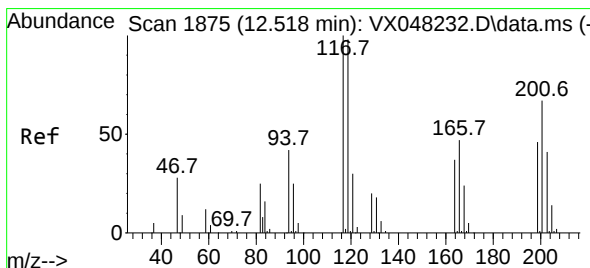
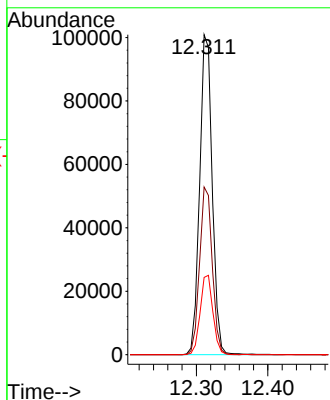
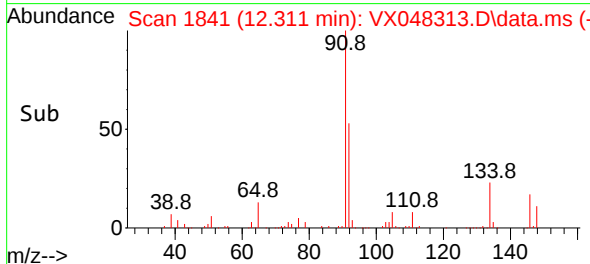
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



Tgt Ion: 91 Resp: 123169
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.6
134 25.1 12.7 38.1

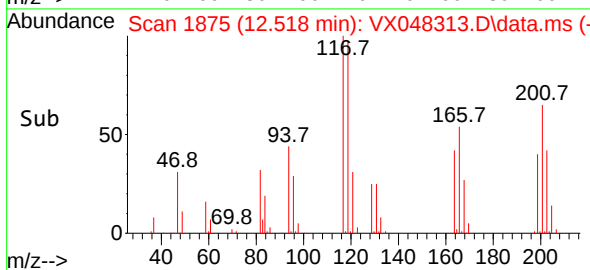
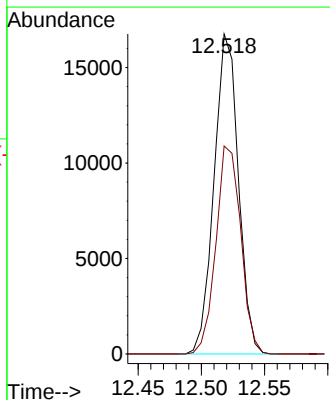
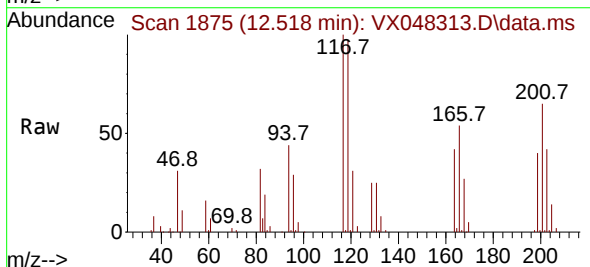
Manual Integrations
APPROVED

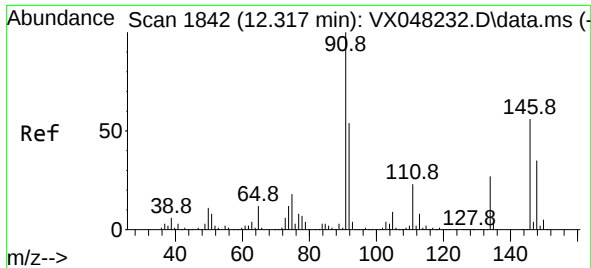
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#90
Hexachloroethane
Concen: 16.212 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

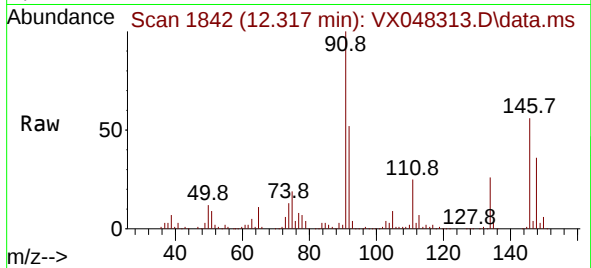
Tgt Ion:117 Resp: 22372
Ion Ratio Lower Upper
117 100
201 66.6 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 19.080 ug/l
RT: 12.317 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

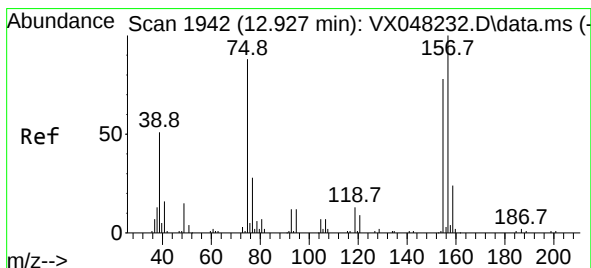
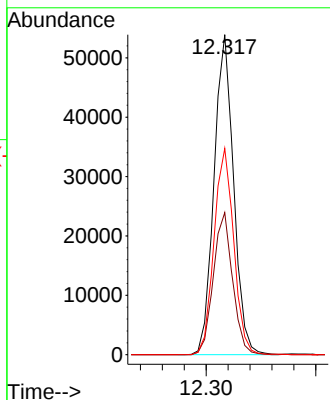
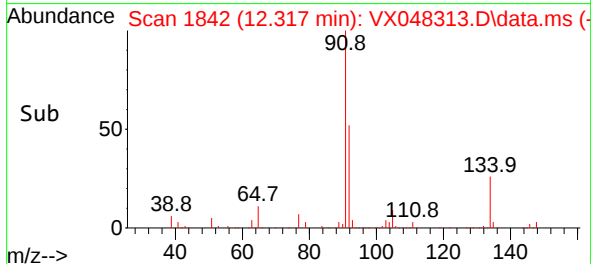
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



Tgt Ion:146 Resp: 6692
Ion Ratio Lower Upper
146 100
111 43.7 21.9 65.5
148 65.0 31.9 95.5

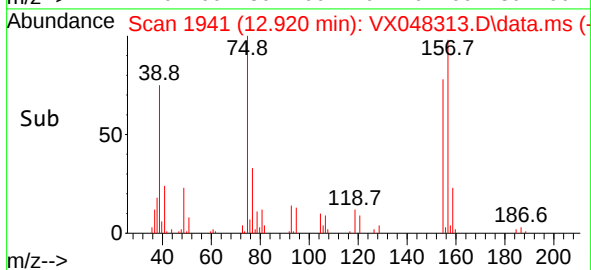
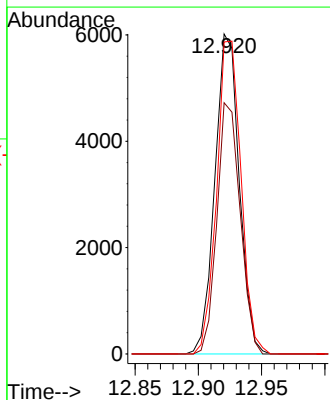
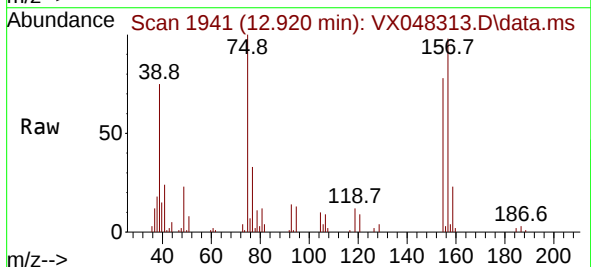
Manual Integrations
APPROVED

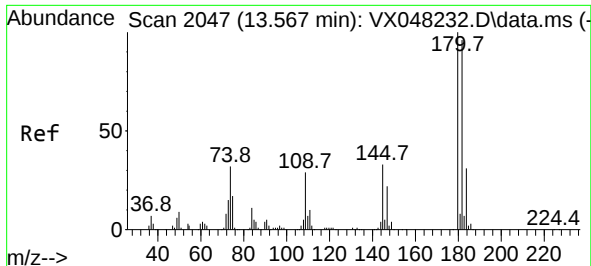
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.376 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

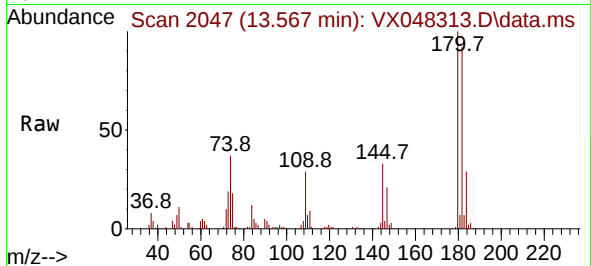
Tgt Ion: 75 Resp: 8050
Ion Ratio Lower Upper
75 100
155 75.0 42.8 128.4
157 97.7 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 18.155 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

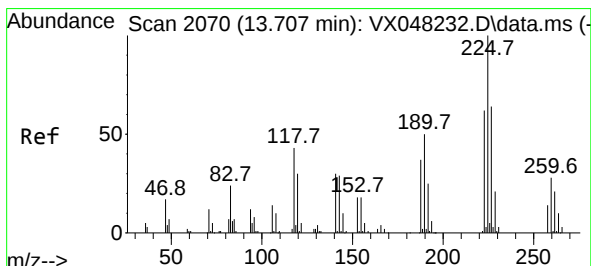
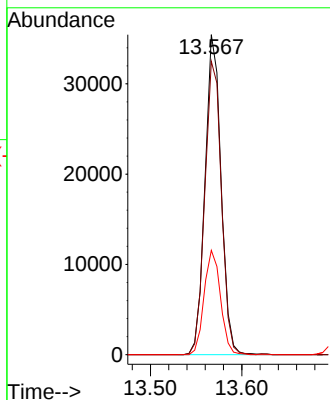
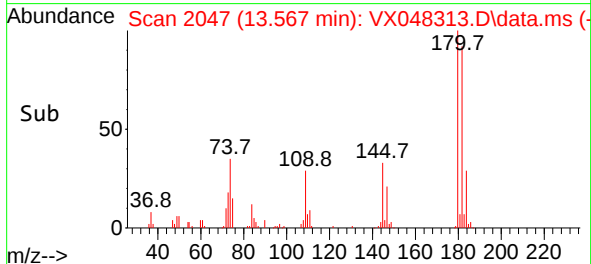
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



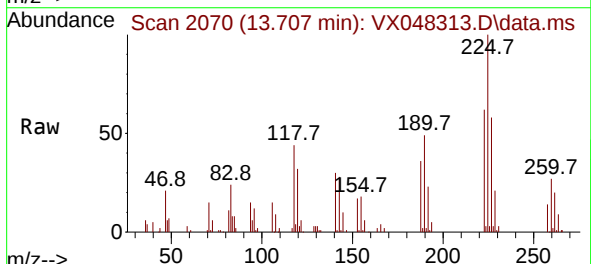
Tgt Ion:180 Resp: 43062
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 33.2 16.3 48.9

Manual Integrations
APPROVED

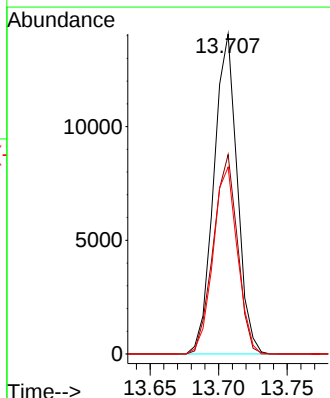
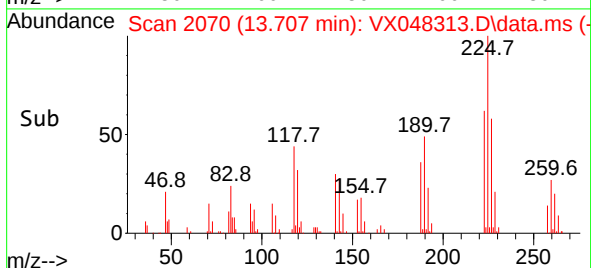
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

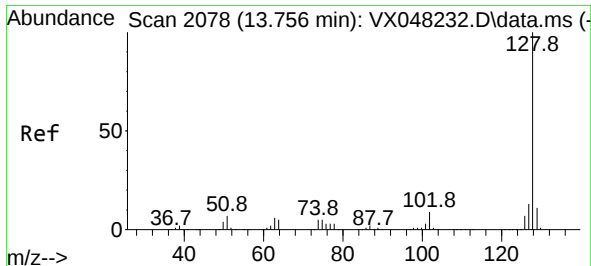


#94
Hexachlorobutadiene
Concen: 18.812 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36



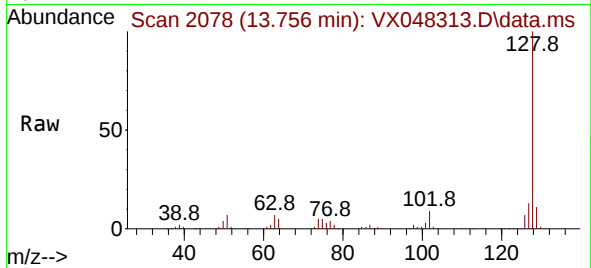
Tgt Ion:225 Resp: 16683
Ion Ratio Lower Upper
225 100
223 63.9 32.6 97.7
227 60.7 32.5 97.4





#95
Naphthalene
Concen: 18.278 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36

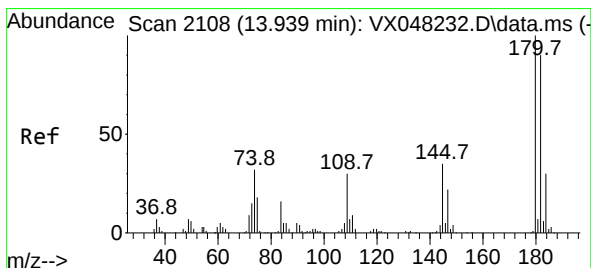
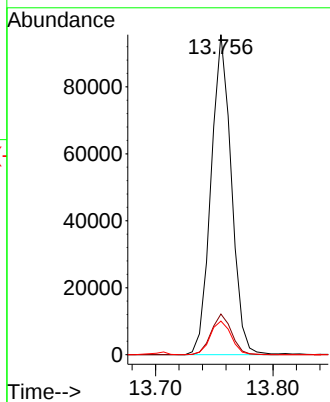
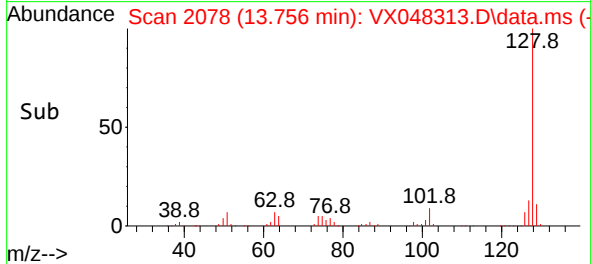
Instrument :
MSVOA_X
ClientSampleId :
VX1023WBS01



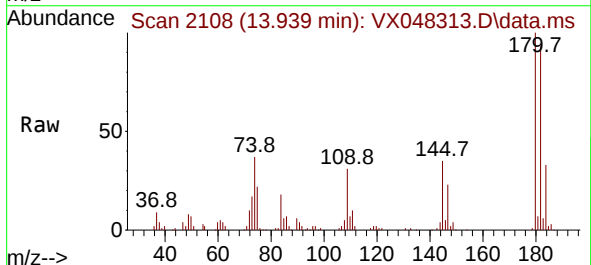
Tgt Ion:128 Resp: 114858
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.065 ug/l
RT: 13.939 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048313.D
Acq: 23 Oct 2025 10:36



Tgt Ion:180 Resp: 39319
Ion Ratio Lower Upper
180 100
182 94.3 46.6 139.7
145 35.7 16.9 50.7

