

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091825\
 Data File : VX047631.D
 Acq On : 18 Sep 2025 11:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 19 01:18:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/19/2025
 Supervised By : Mahesh Dadoda 09/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	179219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	321960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	285408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	137093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	133509	46.801	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.600%		
35) Dibromofluoromethane	5.373	113	104494	48.394	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.780%		
50) Toluene-d8	8.634	98	365497	48.919	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.840%		
62) 4-Bromofluorobenzene	11.061	95	135773	47.883	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	112469	60.603	ug/l	98
3) Chloromethane	1.300	50	133746	54.835	ug/l	100
4) Vinyl Chloride	1.380	62	131332	55.006	ug/l	98
5) Bromomethane	1.617	94	81557	53.868	ug/l	98
6) Chloroethane	1.697	64	82584	51.751	ug/l	100
7) Trichlorofluoromethane	1.892	101	181094	51.083	ug/l	99
8) Diethyl Ether	2.136	74	72148	49.751	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	105234	50.766	ug/l	99
10) Methyl Iodide	2.453	142	165913	51.320	ug/l	100
11) Tert butyl alcohol	2.940	59	77642	244.375	ug/l	99
12) 1,1-Dichloroethene	2.325	96	108445	50.930	ug/l	94
13) Acrolein	2.233	56	89861	306.922	ug/l	99
14) Allyl chloride	2.666	41	213542	48.600	ug/l	98
15) Acrylonitrile	3.056	53	305844	259.885	ug/l	100
16) Acetone	2.373	43	362257	292.056	ug/l	99
17) Carbon Disulfide	2.514	76	320639	55.006	ug/l	99
18) Methyl Acetate	2.697	43	136380	49.405	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	381657	49.101	ug/l	100
20) Methylene Chloride	2.788	84	125318	47.731	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	117420	51.220	ug/l	96
22) Diisopropyl ether	3.751	45	416753	48.941	ug/l	90
23) Vinyl Acetate	3.709	43	1774856	260.421	ug/l	100
24) 1,1-Dichloroethane	3.605	63	222896	49.247	ug/l	100
25) 2-Butanone	4.538	43	422101	272.815	ug/l	97
26) 2,2-Dichloropropane	4.465	77	184735	49.101	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	139251	49.600	ug/l	99
28) Bromochloromethane	4.885	49	100955	51.092	ug/l	99
29) Tetrahydrofuran	4.989	42	246583	264.926	ug/l	99
30) Chloroform	5.080	83	223876	48.949	ug/l	98
31) Cyclohexane	5.458	56	193321	51.284	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	191681	49.409	ug/l	99
36) 1,1-Dichloropropene	5.678	75	152850	48.444	ug/l	99
37) Ethyl Acetate	4.696	43	169417	50.149	ug/l	99
38) Carbon Tetrachloride	5.659	117	165399	48.248	ug/l	99
39) Methylcyclohexane	7.366	83	181893	50.786	ug/l	97
40) Benzene	6.019	78	469333	48.975	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	87695	50.282	ug/l	98
42) 1,2-Dichloroethane	6.068	62	171157	46.941	ug/l	98
43) Isopropyl Acetate	6.318	43	277550	50.094	ug/l	99
44) Trichloroethene	7.110	130	116097	50.110	ug/l	95
45) 1,2-Dichloropropane	7.415	63	119090	48.532	ug/l	100
46) Dibromomethane	7.562	93	85677	47.980	ug/l	96
47) Bromodichloromethane	7.805	83	176333	47.854	ug/l	99
48) Methyl methacrylate	7.677	41	139596	50.581	ug/l	99
49) 1,4-Dioxane	7.647	88	32682	1171.777	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	793483	258.300	ug/l	100
52) Toluene	8.702	92	290542	49.210	ug/l	99
53) t-1,3-Dichloropropene	8.964	75	184740	49.152	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	199468	49.652	ug/l	98
55) 1,1,2-Trichloroethane	9.134	97	110094	48.359	ug/l	99
56) Ethyl methacrylate	9.098	69	183269	51.260	ug/l	98
57) 1,3-Dichloropropane	9.293	76	193940	49.591	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	431737	252.582	ug/l	99
59) 2-Hexanone	9.415	43	586823	265.979	ug/l	99
60) Dibromochloromethane	9.506	129	129710	49.448	ug/l	99
61) 1,2-Dibromoethane	9.592	107	117208	50.547	ug/l	99
64) Tetrachloroethene	9.256	164	92448	49.688	ug/l	99
65) Chlorobenzene	10.061	112	315492	48.658	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.146	131	108173	48.347	ug/l	99
67) Ethyl Benzene	10.177	91	553172	49.445	ug/l	99
68) m/p-Xylenes	10.287	106	414989	99.659	ug/l	99
69) o-Xylene	10.622	106	201624	50.060	ug/l	98
70) Styrene	10.640	104	347448	49.233	ug/l	99
71) Bromoform	10.780	173	82158	49.177	ug/l #	99
73) Isopropylbenzene	10.945	105	512701	49.191	ug/l	100
74) N-amyl acetate	10.823	43	242616	51.046	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.195	83	157103	49.820	ug/l	99
76) 1,2,3-Trichloropropane	11.219	75	125555m	45.234	ug/l	
77) Bromobenzene	11.183	156	125074	48.723	ug/l	99
78) n-propylbenzene	11.286	91	606998	49.266	ug/l	100
79) 2-Chlorotoluene	11.347	91	366809	48.608	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	422419	49.330	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	54108	49.711	ug/l	98
82) 4-Chlorotoluene	11.439	91	431570	48.423	ug/l	100
83) tert-Butylbenzene	11.695	119	422068	48.149	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	426742	49.155	ug/l	100
85) sec-Butylbenzene	11.872	105	512794	49.250	ug/l	100
86) p-Isopropyltoluene	11.994	119	427348	48.480	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	230147	48.269	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	231259	47.257	ug/l	100
89) n-Butylbenzene	12.311	91	406198	49.801	ug/l	99
90) Hexachloroethane	12.518	117	75994	49.103	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	222095	48.892	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	32697	51.214	ug/l	99
93) 1,2,4-Trichlorobenzene	13.567	180	145730	49.362	ug/l	99
94) Hexachlorobutadiene	13.707	225	49085	48.949	ug/l	99
95) Naphthalene	13.756	128	453760	50.475	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	134546	48.993	ug/l	99

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ClientSampleId :
VSTDCCC050

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

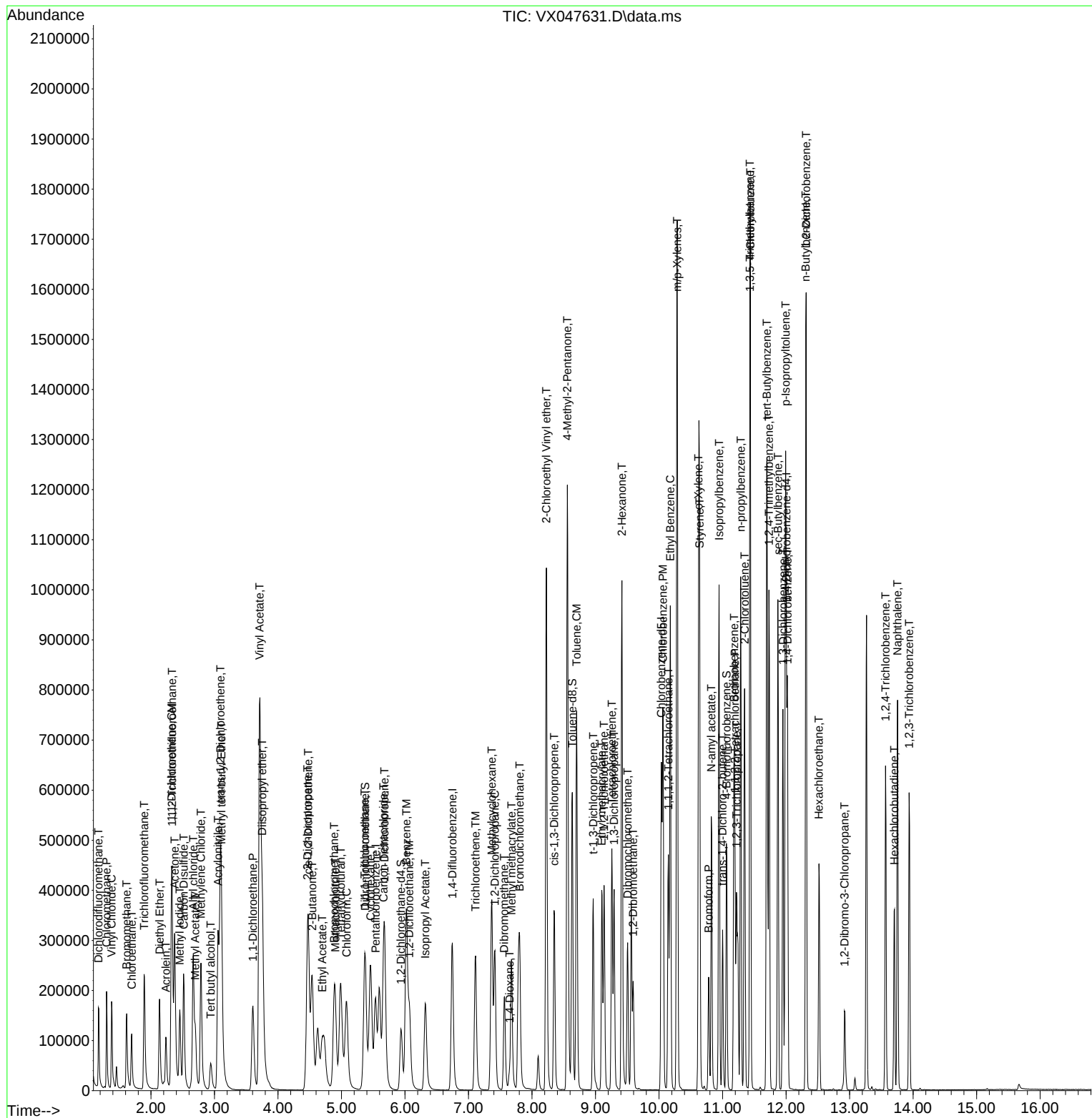
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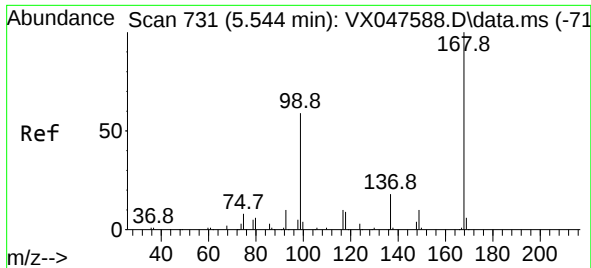
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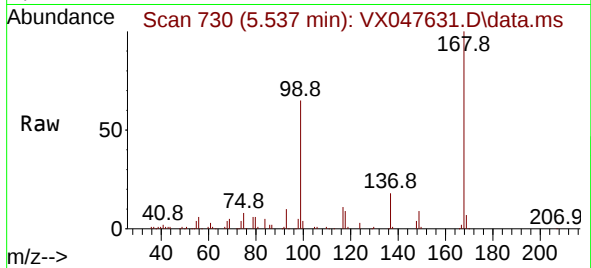
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047631.D
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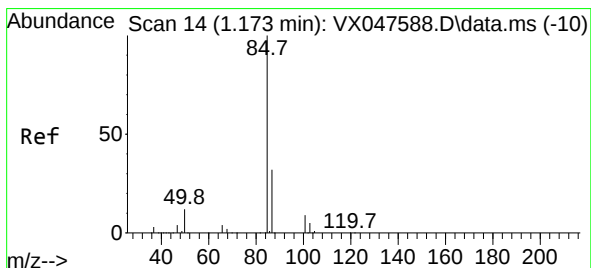
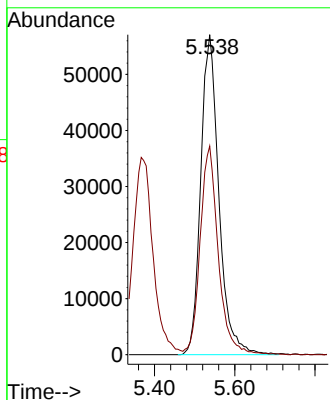
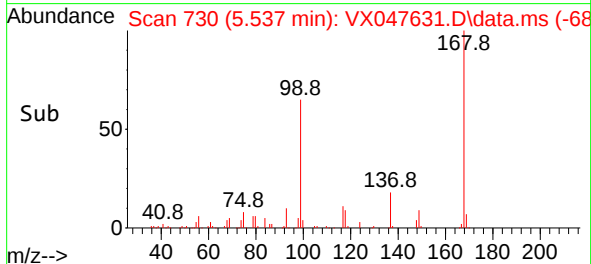
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 179219
Ion Ratio Lower Upper
168 100
99 64.9 48.8 73.2

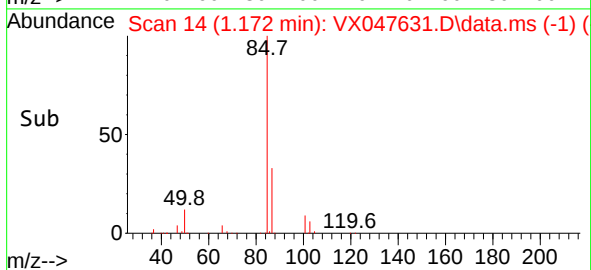
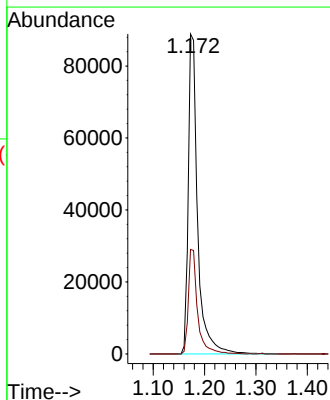
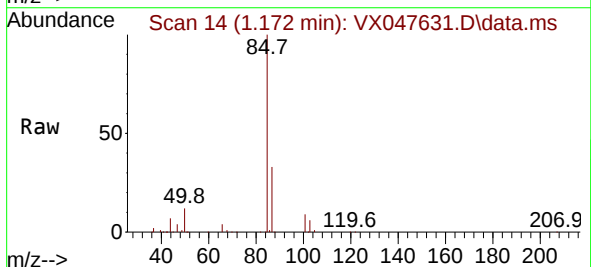
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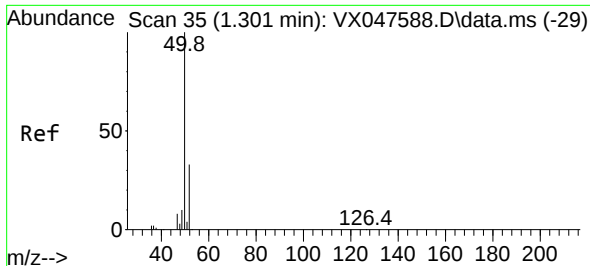
Reviewed By :John Carlone 09/19/2025
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#2
Dichlorodifluoromethane
Concen: 60.603 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047631.D
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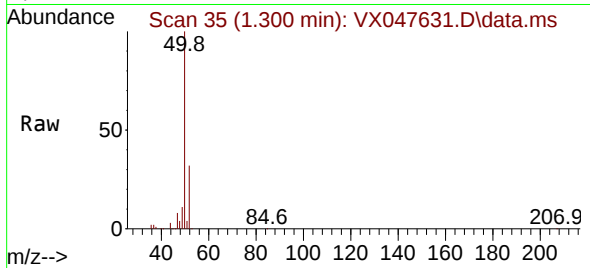
Tgt Ion: 85 Resp: 112469
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.3





#3
Chloromethane
Concen: 54.835 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

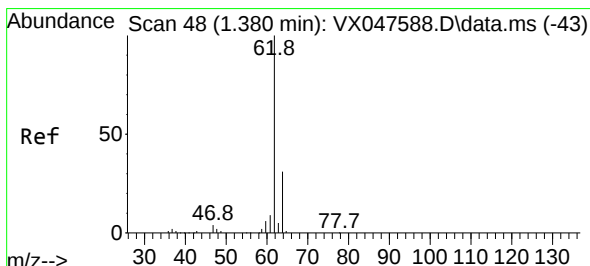
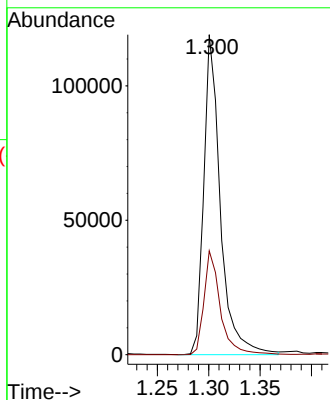
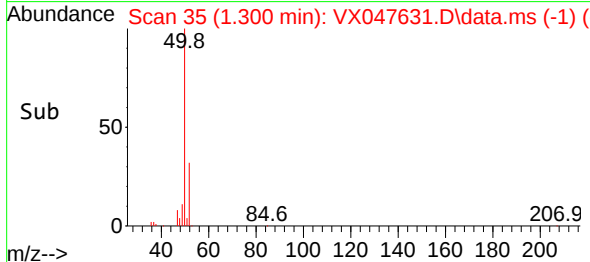
Instrument :
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Tgt Ion: 50 Resp: 133740
Ion Ratio Lower Upper
50 100
52 32.4 26.1 39.1

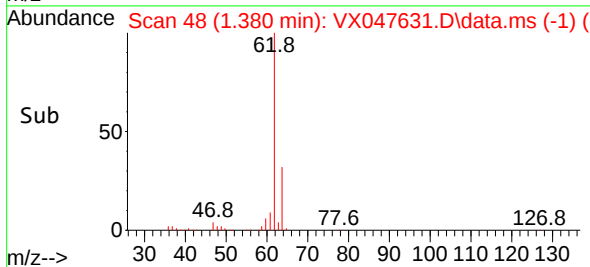
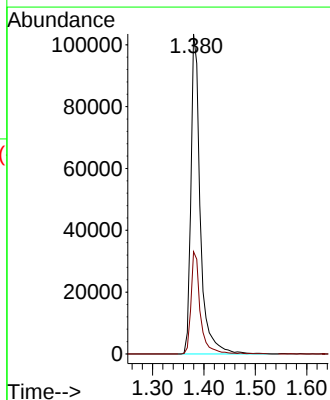
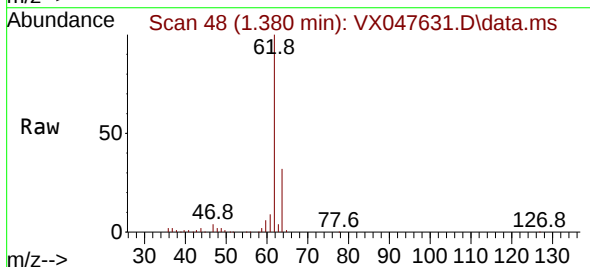
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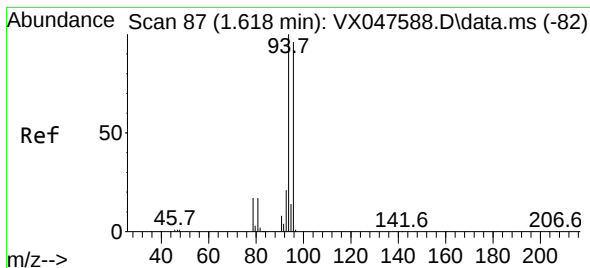
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#4
Vinyl Chloride
Concen: 55.006 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

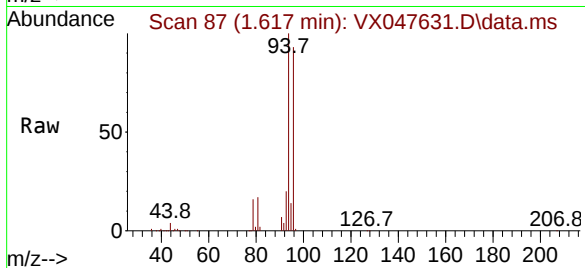
Tgt Ion: 62 Resp: 131332
Ion Ratio Lower Upper
62 100
64 31.9 24.9 37.3





#5
Bromomethane
Concen: 53.868 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

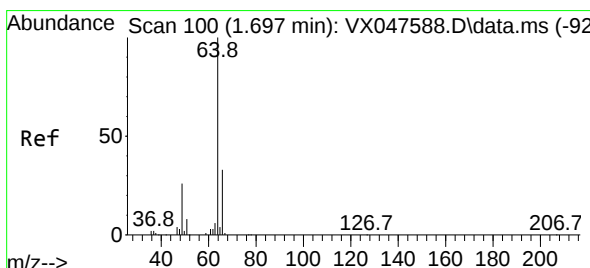
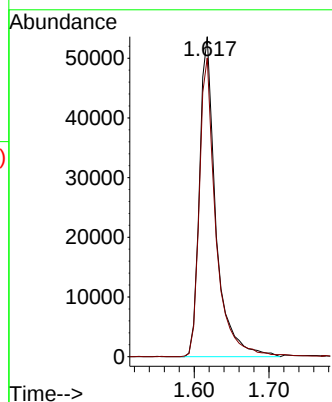
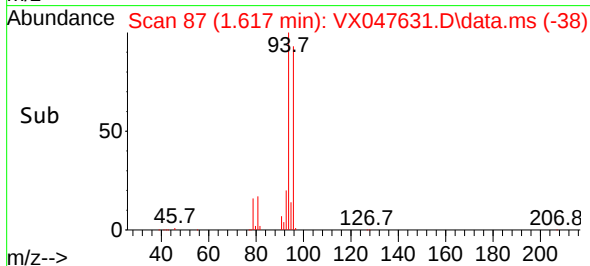
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Tgt Ion: 94 Resp: 8155
Ion Ratio Lower Upper
94 100
96 93.4 76.6 115.0

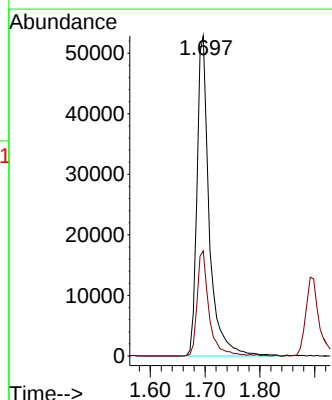
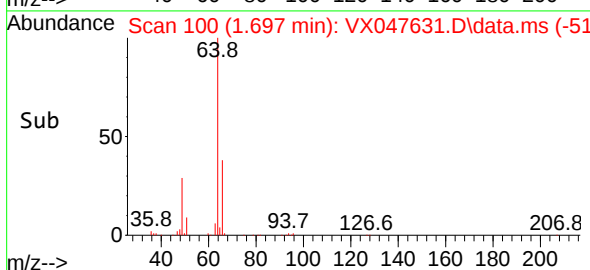
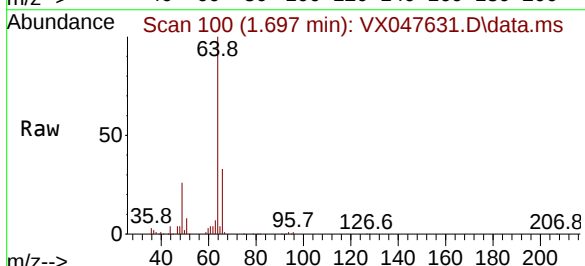
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#6
Chloroethane
Concen: 51.751 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

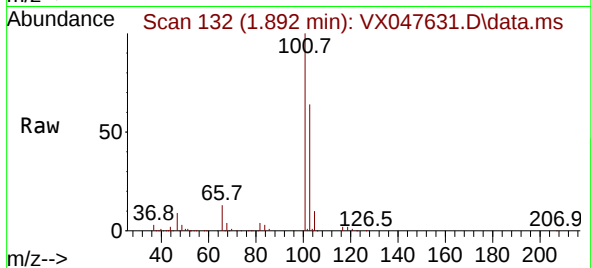
Tgt Ion: 64 Resp: 82584
Ion Ratio Lower Upper
64 100
66 32.8 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 51.083 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX047631.D
 Acq: 18 Sep 2025 11:30

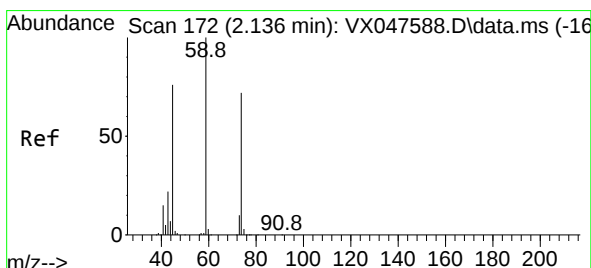
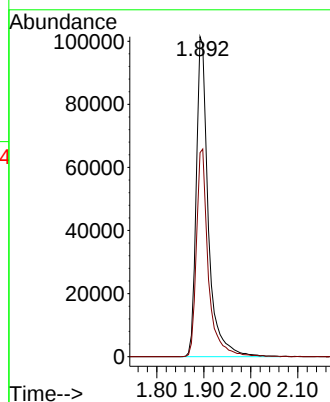
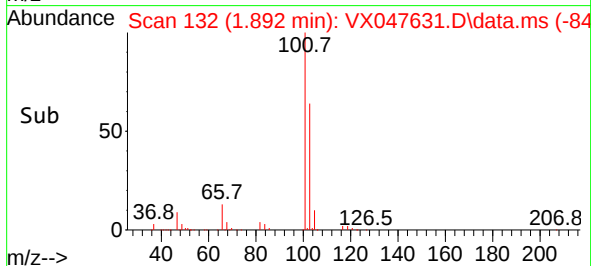
Instrument :
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Tgt Ion:101 Resp: 181094
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.2

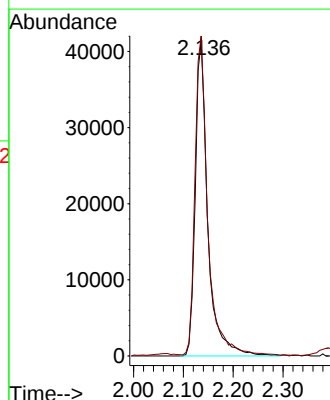
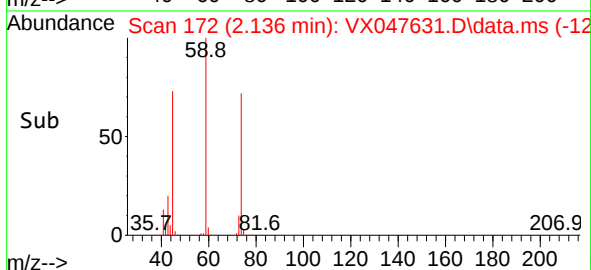
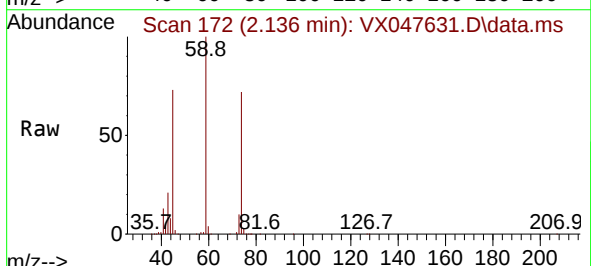
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#8
 Diethyl Ether
 Concen: 49.751 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX047631.D
 Acq: 18 Sep 2025 11:30

Tgt Ion: 74 Resp: 72148
 Ion Ratio Lower Upper
 74 100
 45 105.3 52.3 156.8





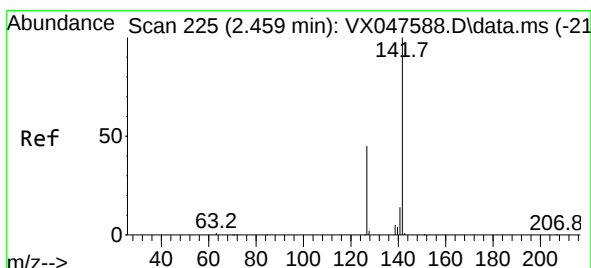
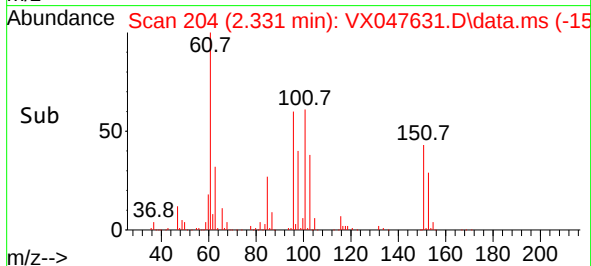
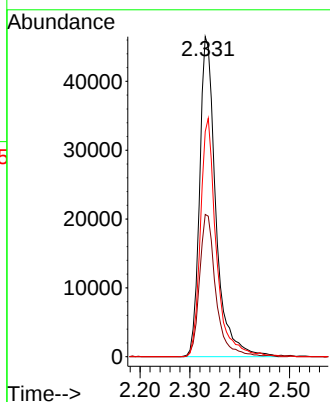
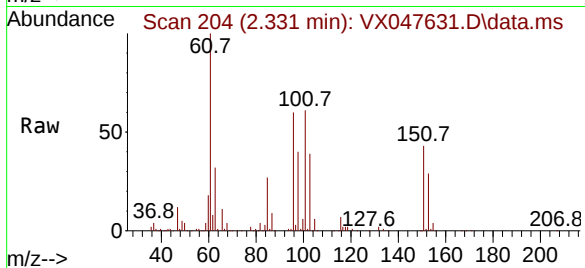
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.766 ug/l
RT: 2.331 min Scan# 205
Delta R.T. -0.006 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 105234
Ion Ratio Lower Upper
101 100
85 44.7 35.5 53.3
151 73.3 59.4 89.0

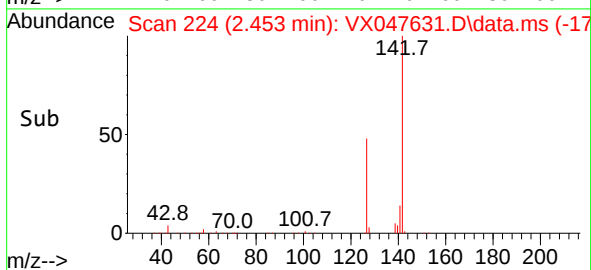
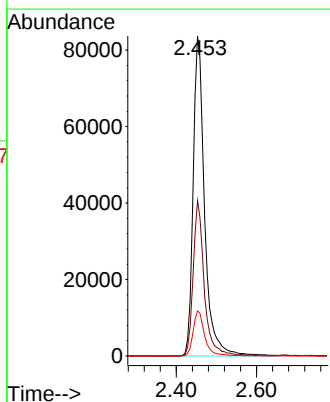
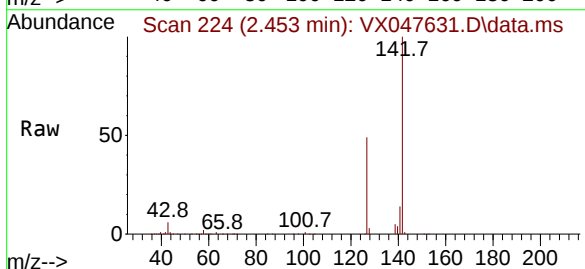
Manual Integrations
APPROVED

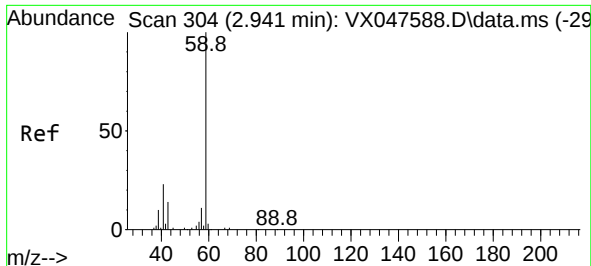
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#10
Methyl Iodide
Concen: 51.320 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

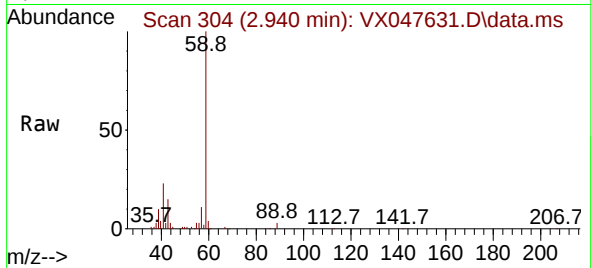
Tgt Ion:142 Resp: 165913
Ion Ratio Lower Upper
142 100
127 46.7 37.2 55.8
141 14.1 11.4 17.0





#11
Tert butyl alcohol
Concen: 244.375 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

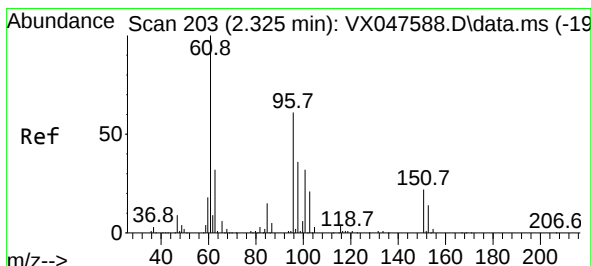
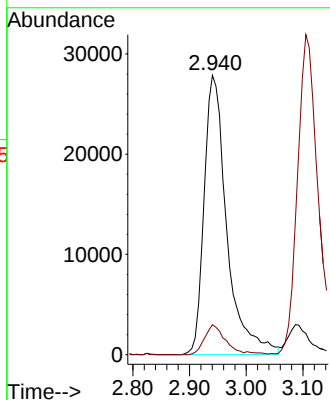
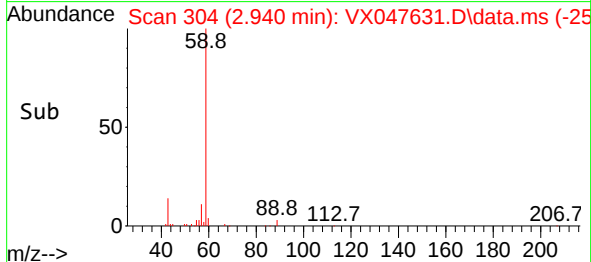
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



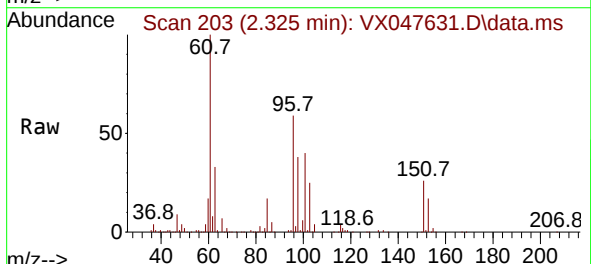
Tgt Ion: 59 Resp: 77642
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
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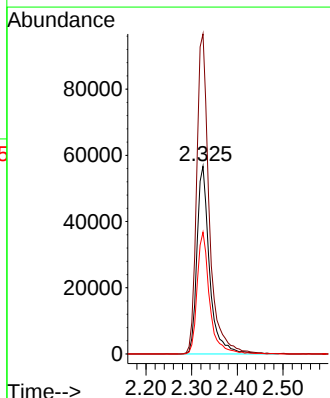
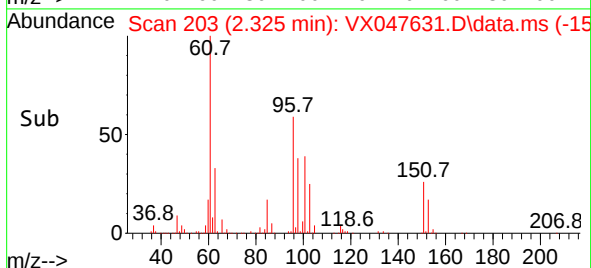
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#12
1,1-Dichloroethene
Concen: 50.930 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30



Tgt Ion: 96 Resp: 108445
Ion Ratio Lower Upper
96 100
61 170.5 131.0 196.6
98 64.8 47.7 71.5





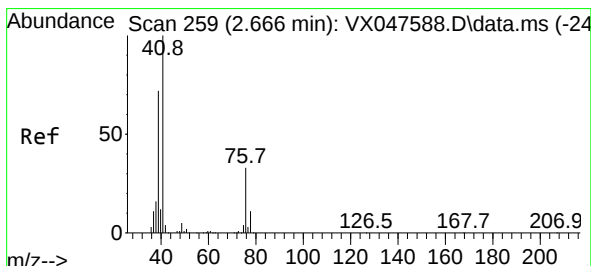
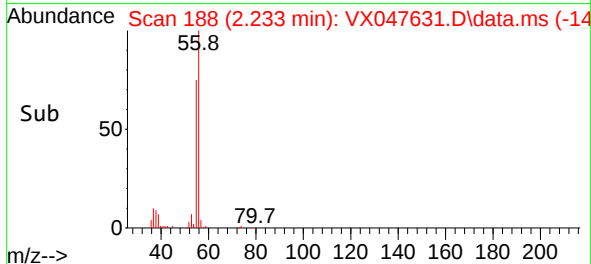
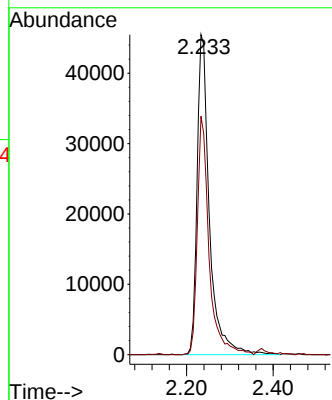
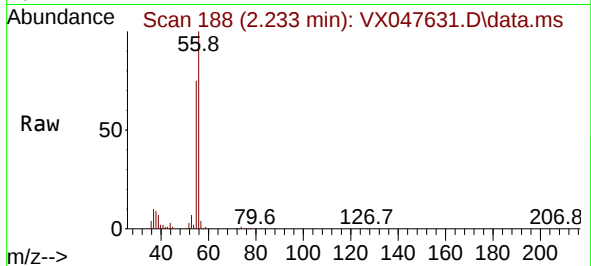
#13
Acrolein
Concen: 306.922 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 8986
Ion Ratio Lower Upper
56 100
55 70.6 57.2 85.8

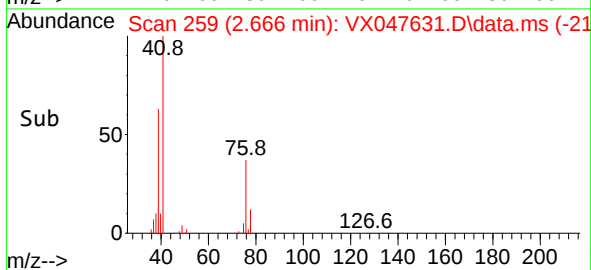
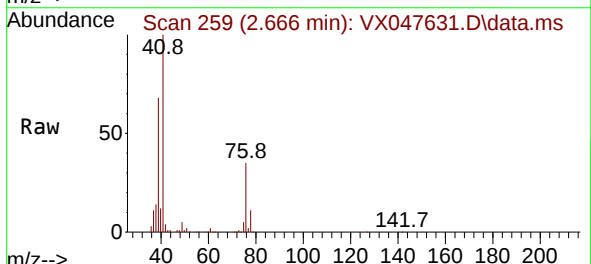
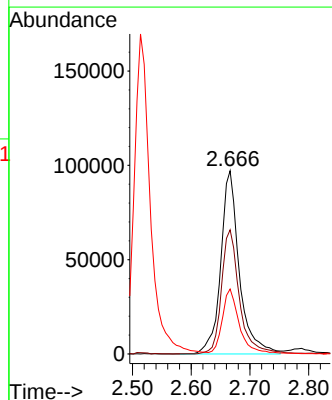
Manual Integrations
APPROVED

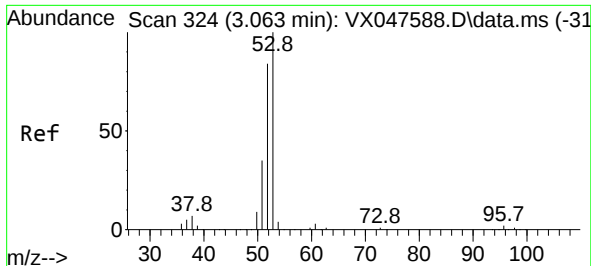
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#14
Allyl chloride
Concen: 48.600 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

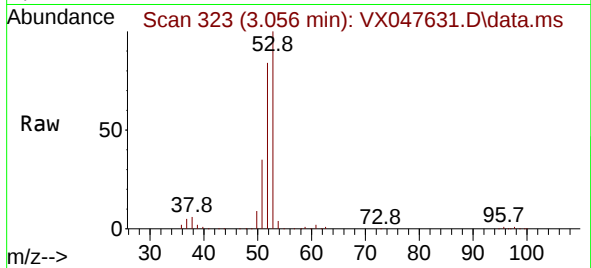
Tgt Ion: 41 Resp: 213542
Ion Ratio Lower Upper
41 100
39 65.9 54.7 82.1
76 32.4 25.7 38.5





#15
Acrylonitrile
Concen: 259.885 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

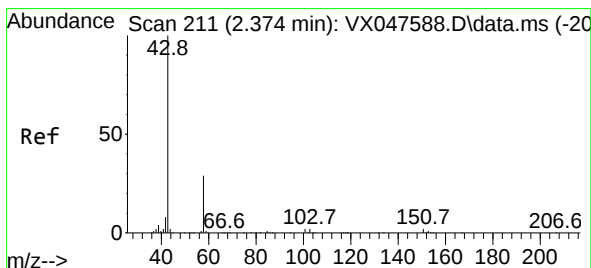
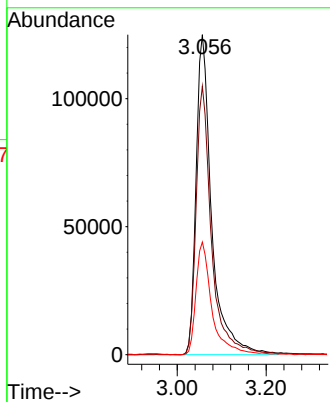
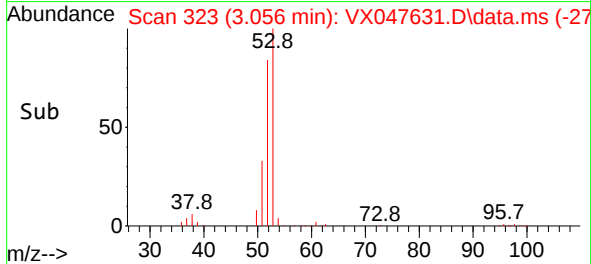
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 305844
Ion Ratio Lower Upper
53 100
52 82.9 66.4 99.6
51 36.3 29.5 44.3

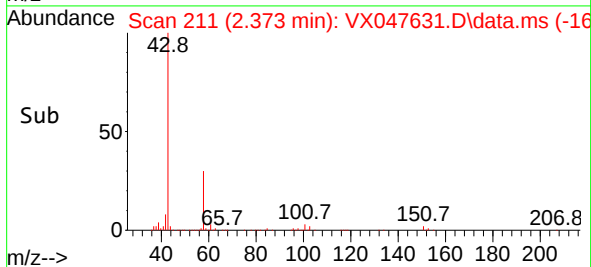
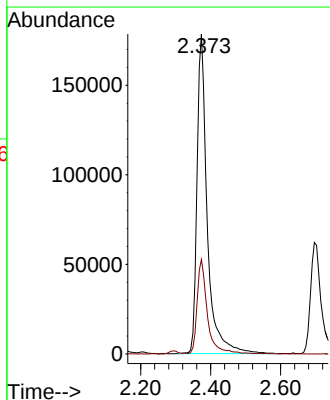
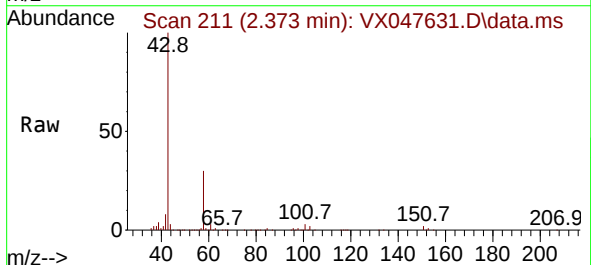
Manual Integrations
APPROVED

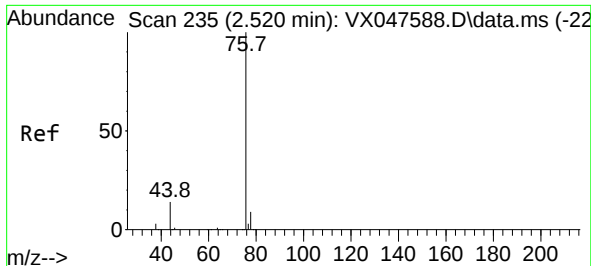
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#16
Acetone
Concen: 292.056 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Tgt Ion: 43 Resp: 362257
Ion Ratio Lower Upper
43 100
58 29.6 23.4 35.0





#17

Carbon Disulfide

Concen: 55.006 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 320639

Ion Ratio Lower Upper

76 100

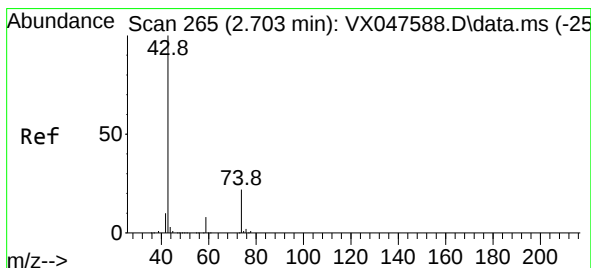
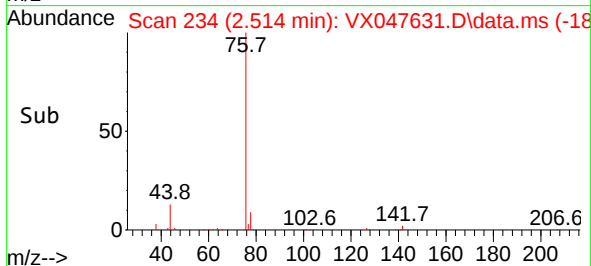
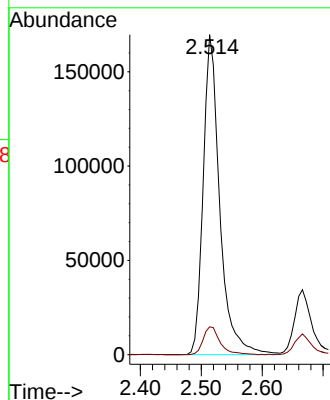
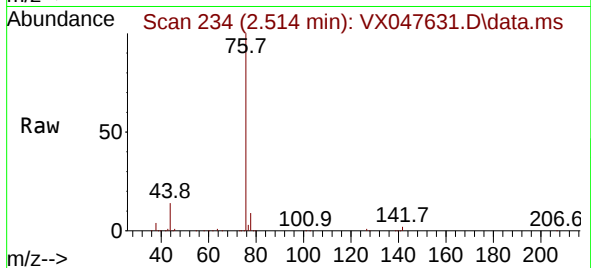
78 8.7 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#18

Methyl Acetate

Concen: 49.405 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.006 min

Lab File: VX047631.D

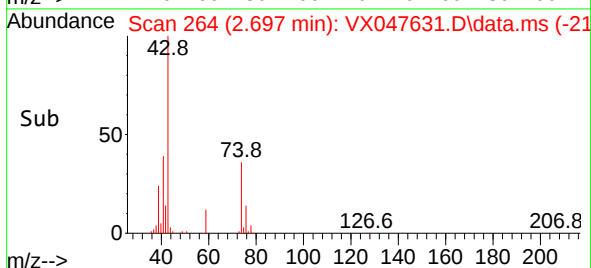
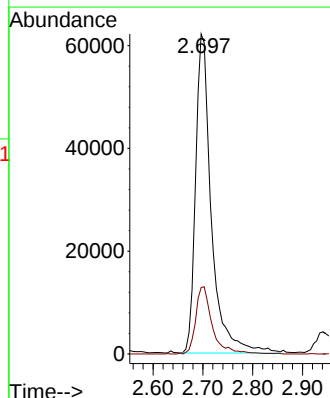
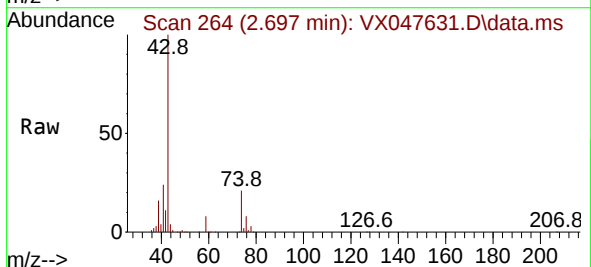
Acq: 18 Sep 2025 11:30

Tgt Ion: 43 Resp: 136380

Ion Ratio Lower Upper

43 100

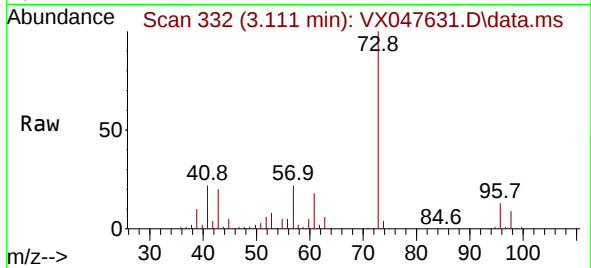
74 22.1 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 49.101 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

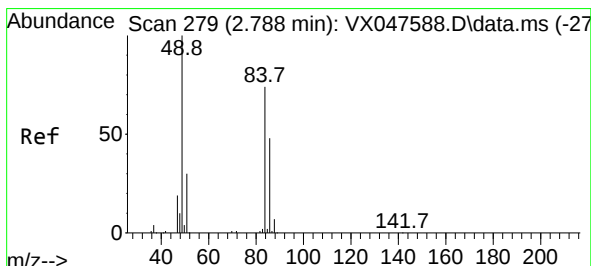
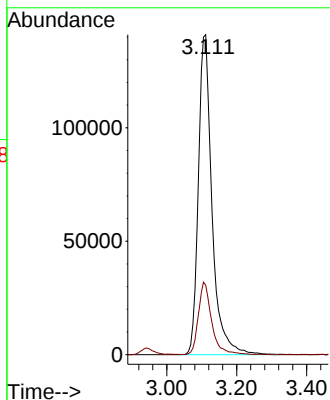
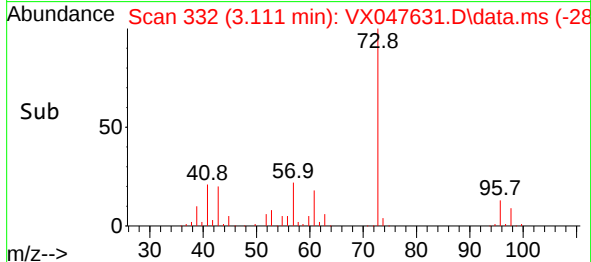
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 38165
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.2

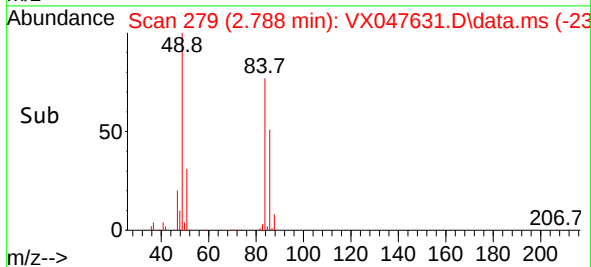
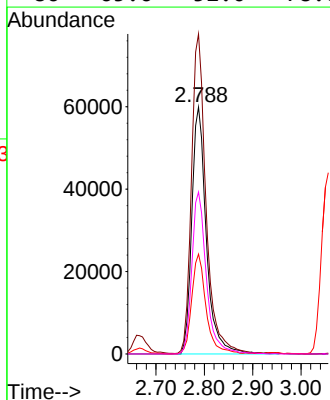
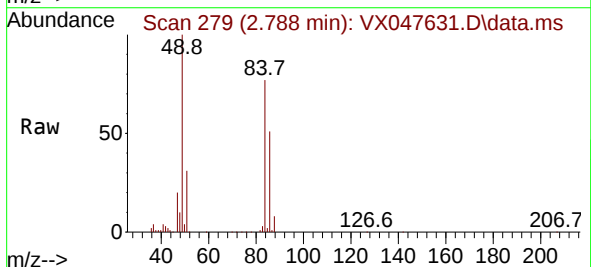
Manual Integrations
APPROVED

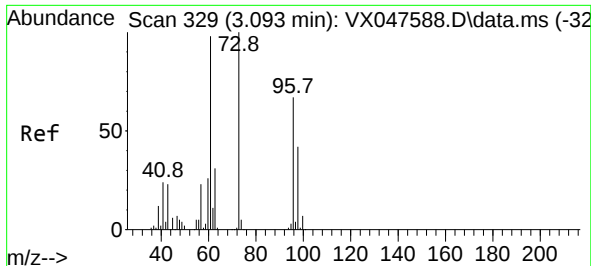
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#20
Methylene Chloride
Concen: 47.731 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

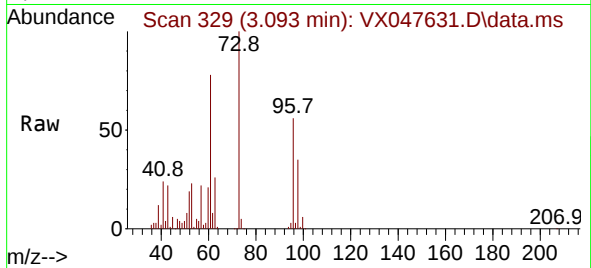
Tgt Ion: 84 Resp: 125318
Ion Ratio Lower Upper
84 100
49 129.3 108.6 162.8
51 40.3 32.6 48.8
86 65.6 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 51.220 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

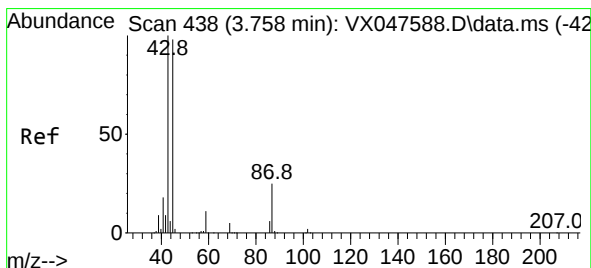
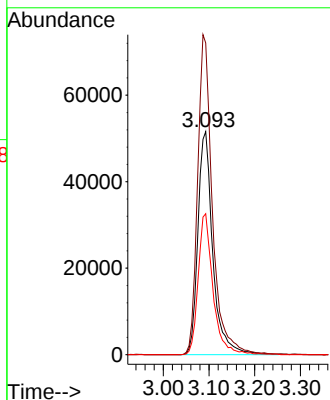
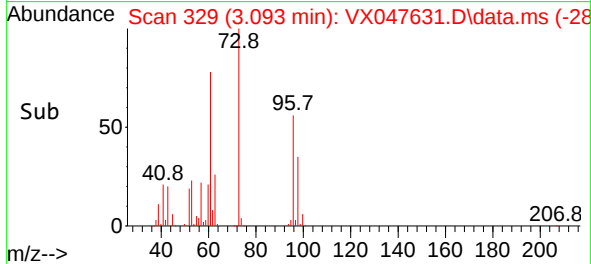
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



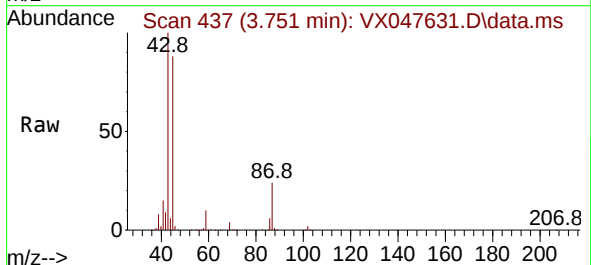
Tgt Ion: 96 Resp: 117420
Ion Ratio Lower Upper
96 100
61 139.8 116.2 174.2
98 63.2 49.3 73.9

Manual Integrations
APPROVED

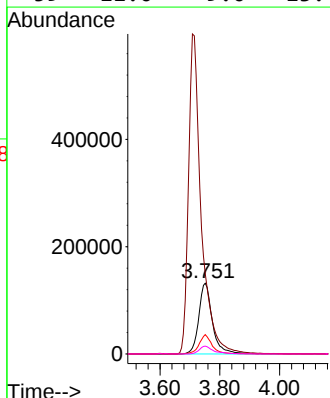
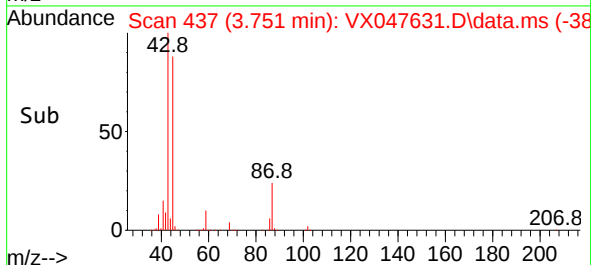
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

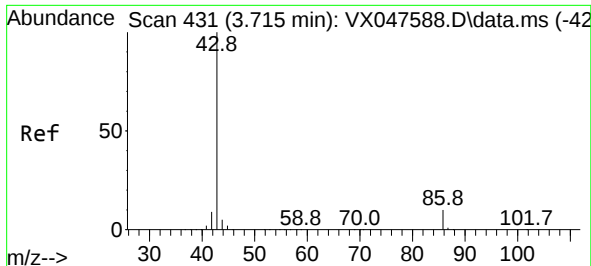


#22
Diisopropyl ether
Concen: 48.941 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30



Tgt Ion: 45 Resp: 416753
Ion Ratio Lower Upper
45 100
43 113.3 81.0 121.4
87 27.4 20.3 30.5
59 11.0 9.0 13.4





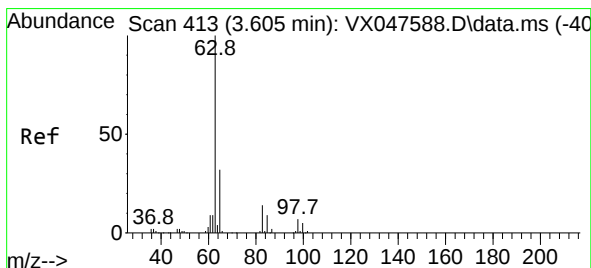
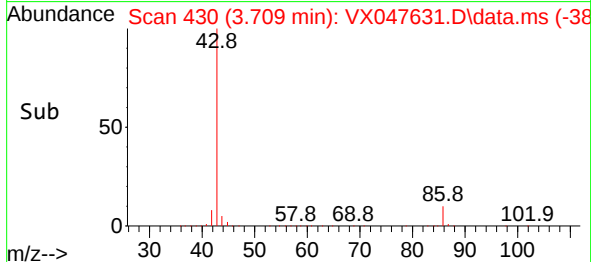
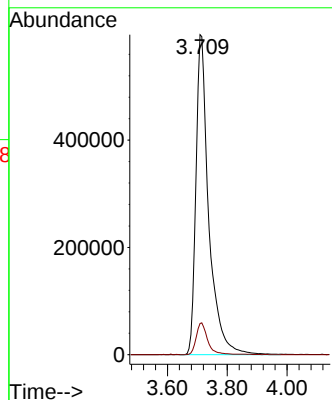
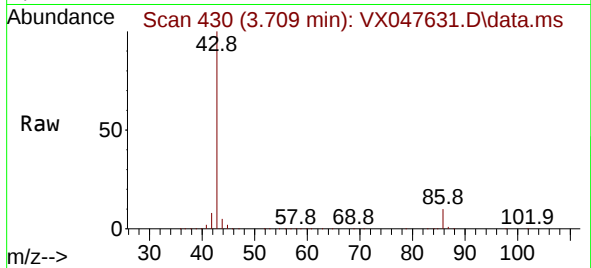
#23
 Vinyl Acetate
 Concen: 260.421 ug/l
 RT: 3.709 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX047631.D
 Acq: 18 Sep 2025 11:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 177485
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

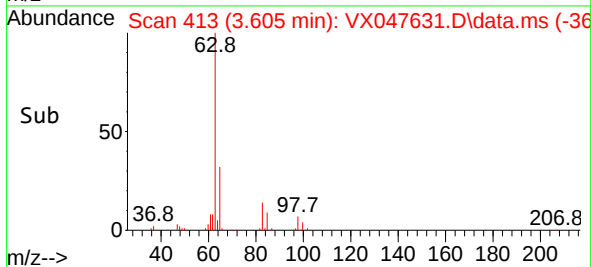
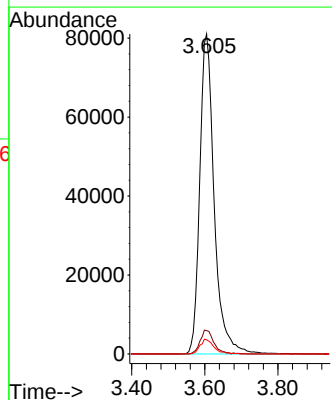
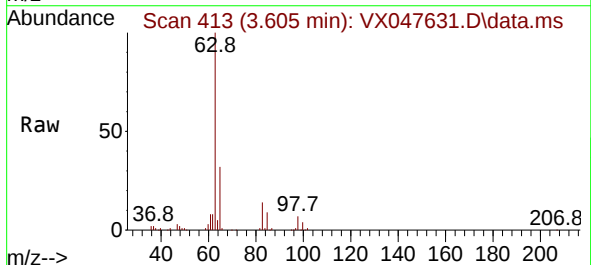
Manual Integrations
 APPROVED

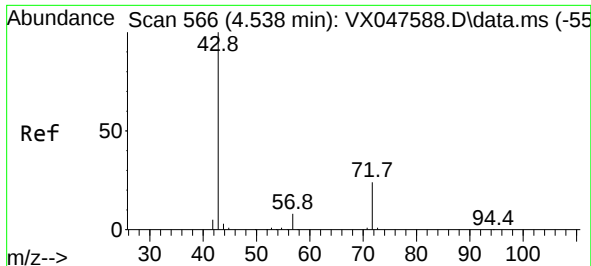
Reviewed By :John Carlone 09/19/2025
 Supervised By :Mahesh Dadoda 09/19/2025



#24
 1,1-Dichloroethane
 Concen: 49.247 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX047631.D
 Acq: 18 Sep 2025 11:30

Tgt Ion: 63 Resp: 222896
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.6 2.3 6.9





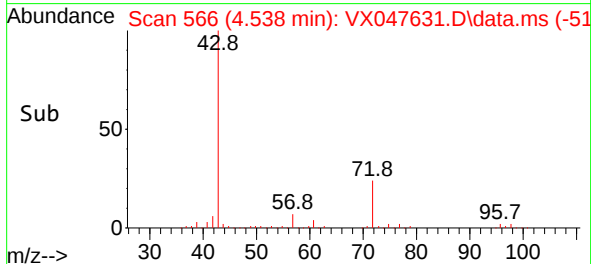
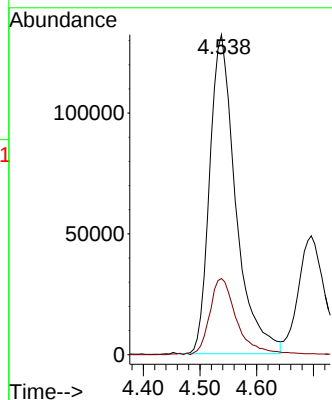
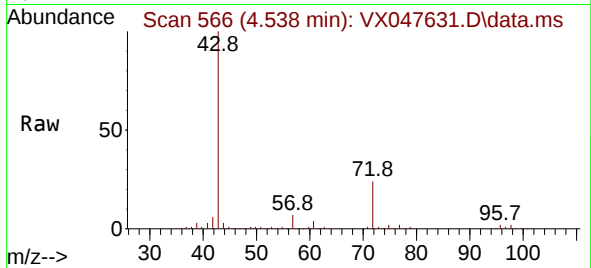
#25
2-Butanone
Concen: 272.815 ug/l
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 42210
Ion Ratio Lower Upper
43 100
72 23.4 20.1 30.1

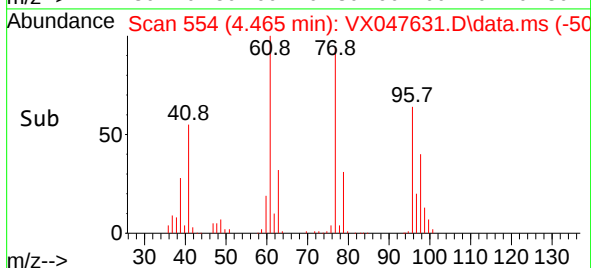
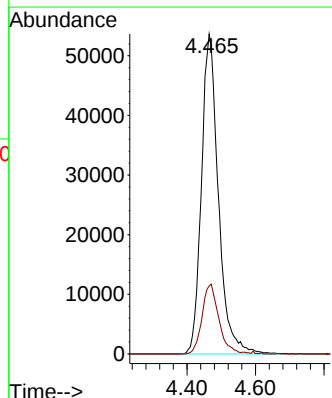
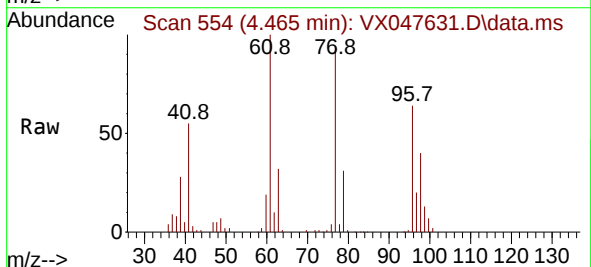
Manual Integrations
APPROVED

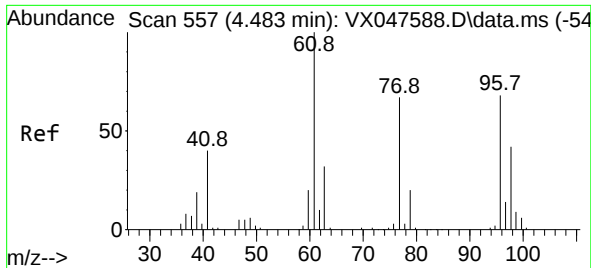
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#26
2,2-Dichloropropane
Concen: 49.101 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Tgt Ion: 77 Resp: 184735
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 49.600 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 13925

Ion Ratio Lower Upper

96 100

61 149.9 0.0 303.2

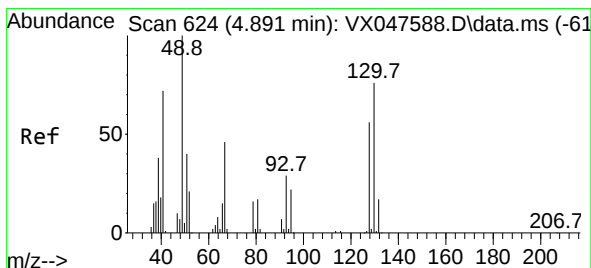
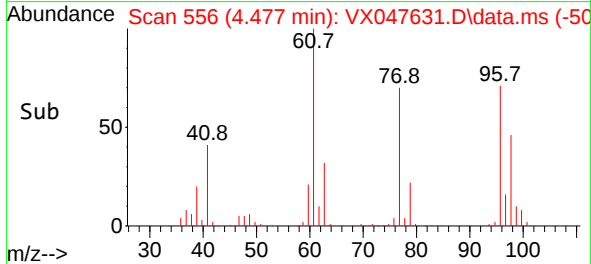
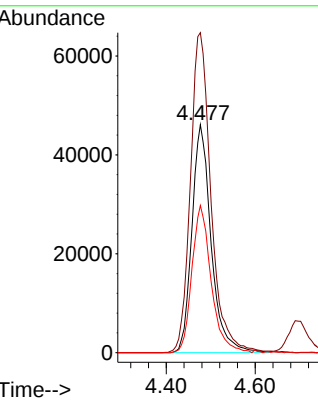
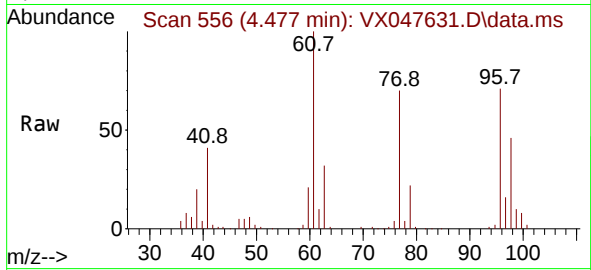
98 64.3 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#28

Bromochloromethane

Concen: 51.092 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

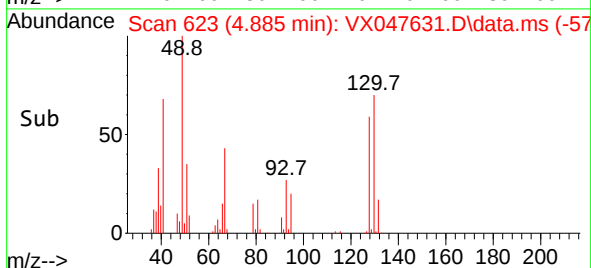
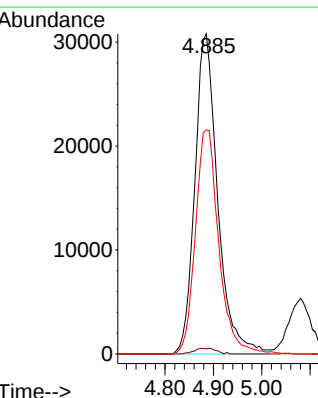
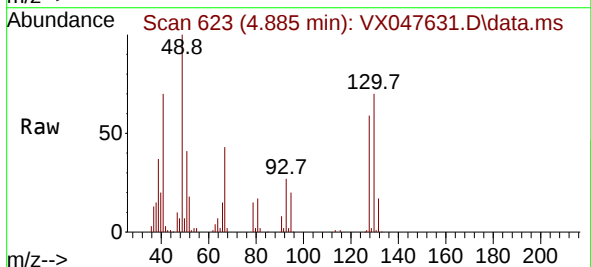
Tgt Ion: 49 Resp: 100955

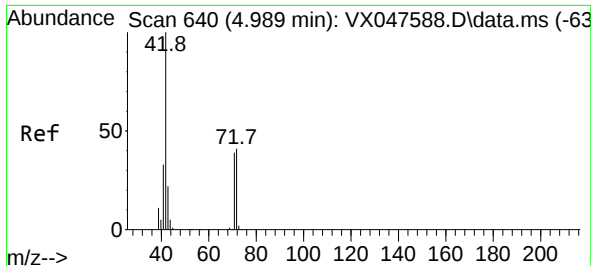
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.2

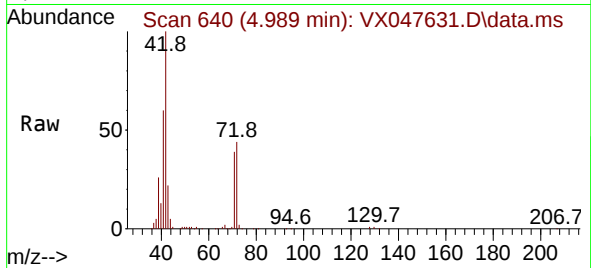
130 71.8 57.8 86.8





#29
Tetrahydrofuran
Concen: 264.926 ug/l
RT: 4.989 min Scan# 640
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

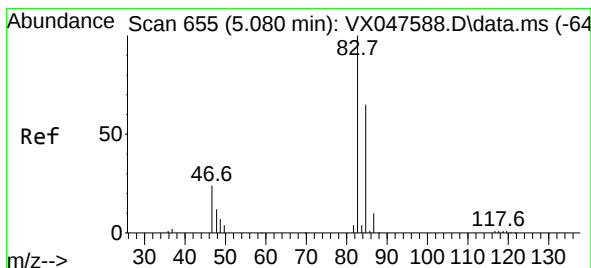
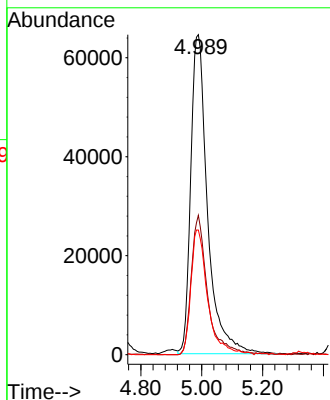
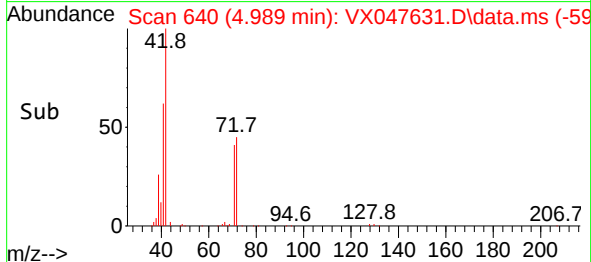
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 246583
Ion Ratio Lower Upper
42 100
72 42.6 34.2 51.2
71 38.7 31.9 47.9

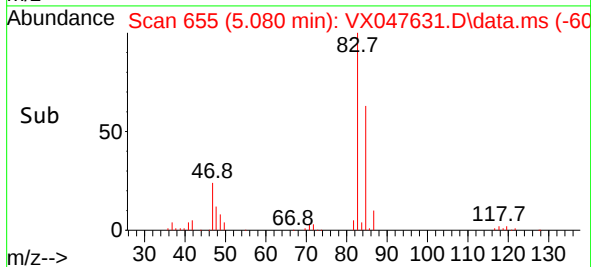
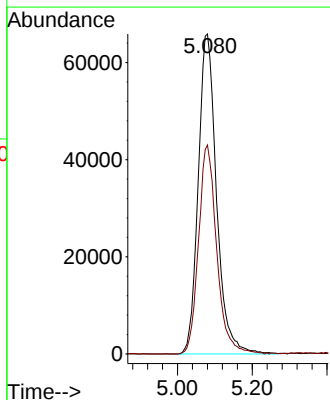
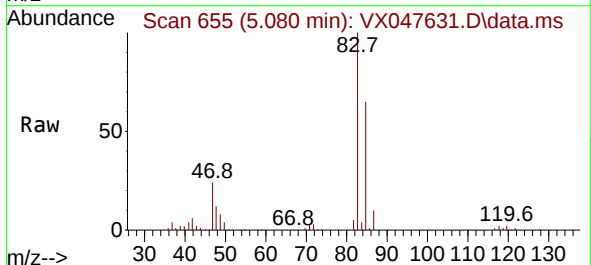
Manual Integrations
APPROVED

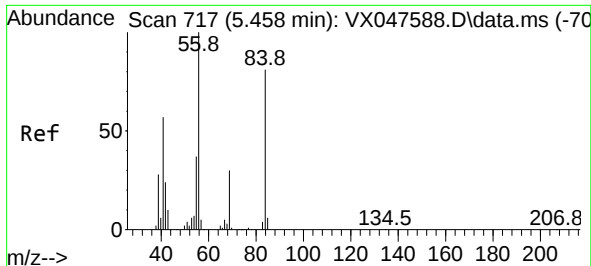
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#30
Chloroform
Concen: 48.949 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

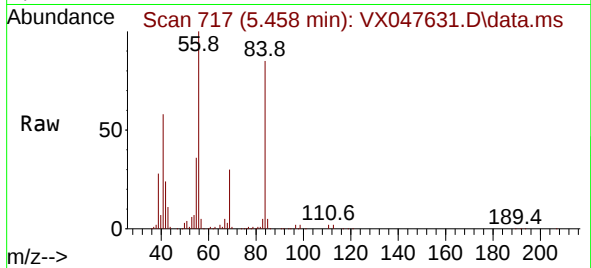
Tgt Ion: 83 Resp: 223876
Ion Ratio Lower Upper
83 100
85 66.6 51.8 77.6





#31
Cyclohexane
Concen: 51.284 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

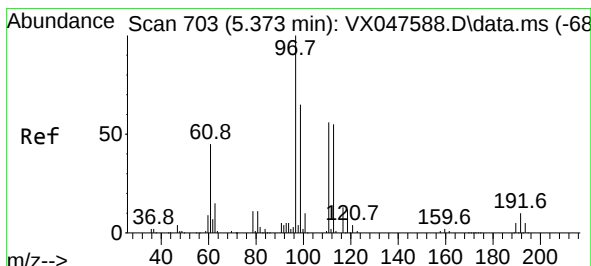
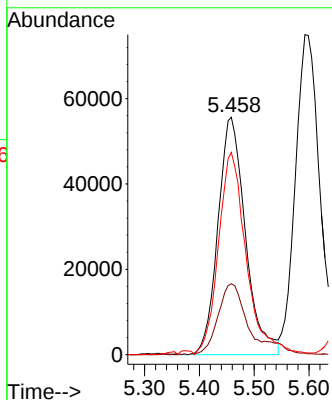
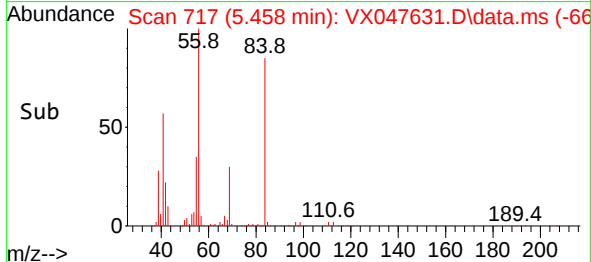
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



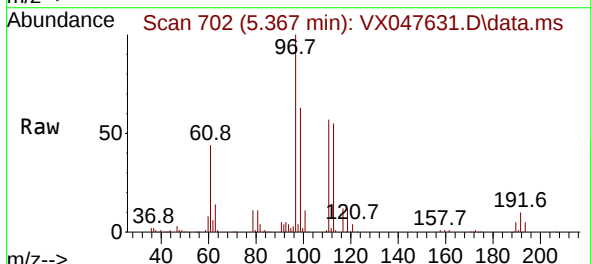
Tgt Ion: 56 Resp: 19332
Ion Ratio Lower Upper
56 100
69 29.4 23.8 35.8
84 84.8 64.6 97.0

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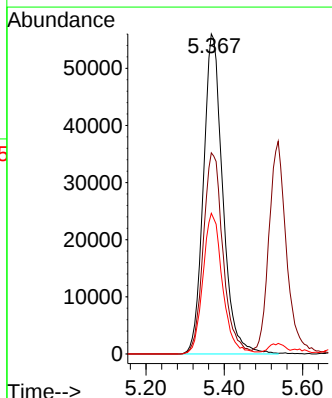
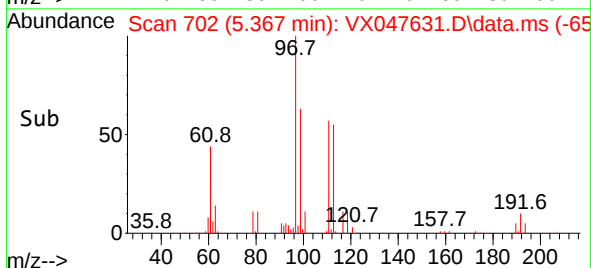
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#32
1,1,1-Trichloroethane
Concen: 49.409 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30



Tgt Ion: 97 Resp: 191681
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 44.5 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 46.801 ug/l

RT: 5.934 min Scan# 796

Delta R.T. -0.006 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 133509

Ion Ratio Lower Upper

65 100

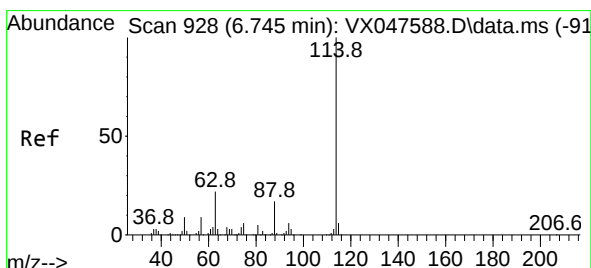
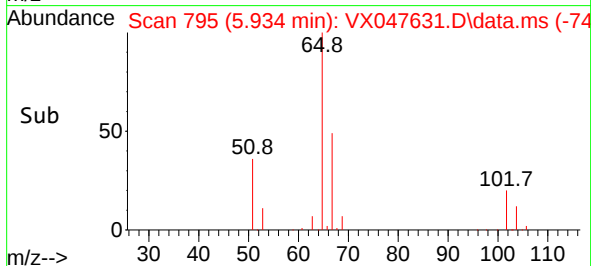
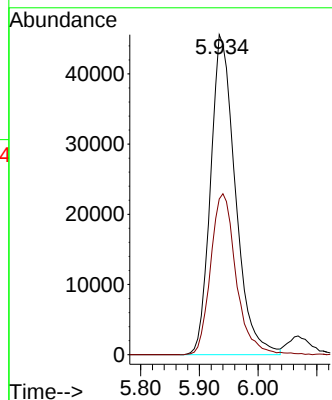
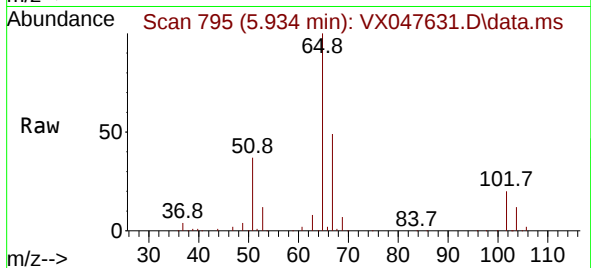
67 51.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

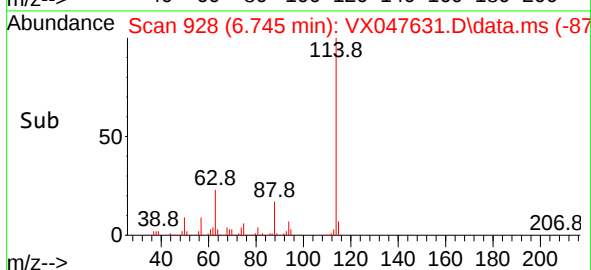
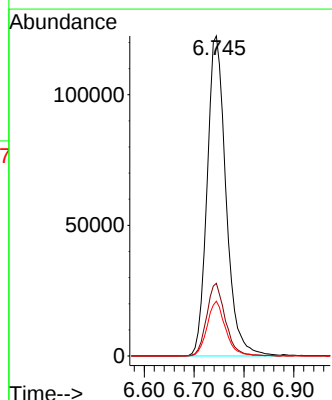
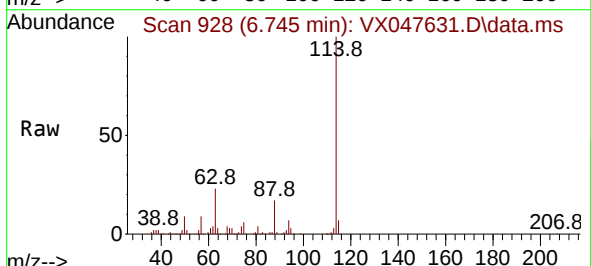
Tgt Ion:114 Resp: 321960

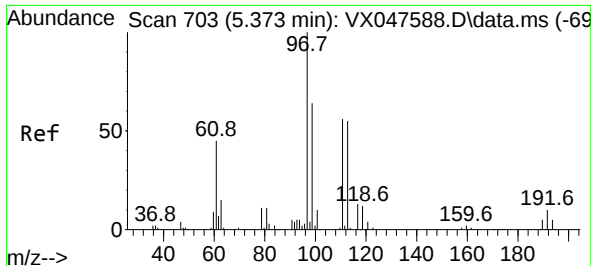
Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.0

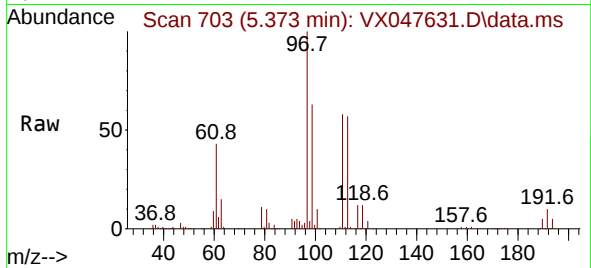
88 17.1 0.0 34.2





#35
Dibromofluoromethane
Concen: 48.394 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

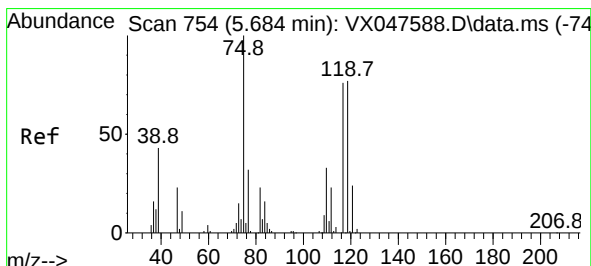
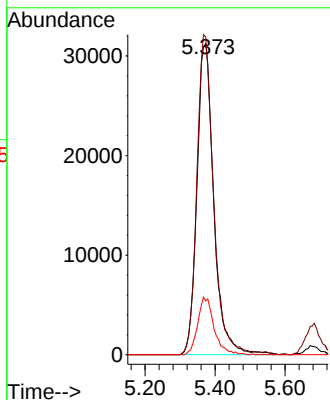
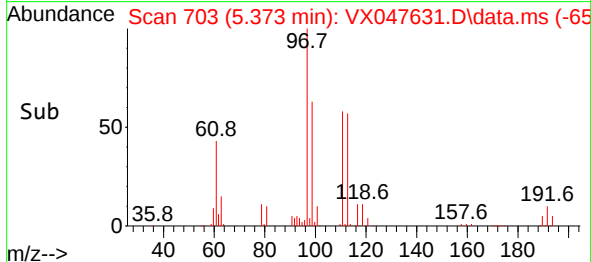
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



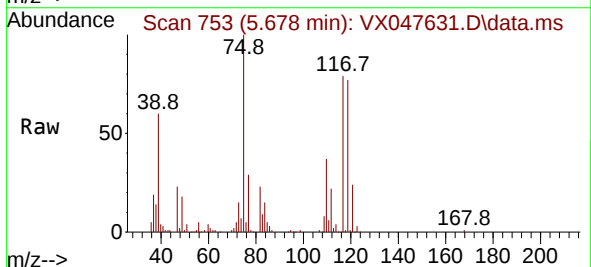
Tgt Ion: 113 Resp: 104494
Ion Ratio Lower Upper
113 100
111 101.3 80.9 121.3
192 17.8 14.2 21.4

Manual Integrations
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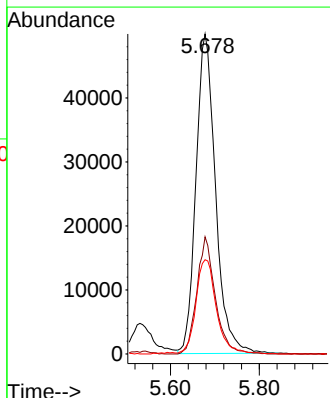
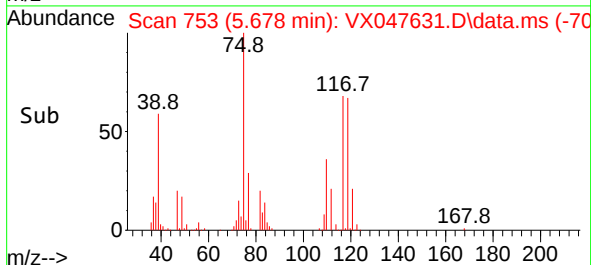
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

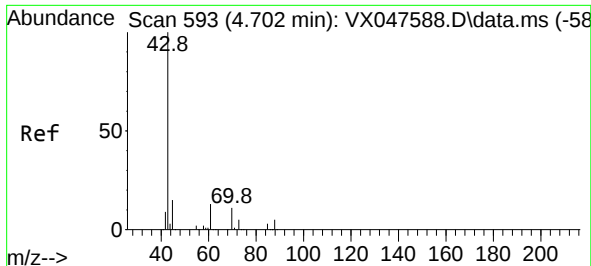


#36
1,1-Dichloropropene
Concen: 48.444 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30



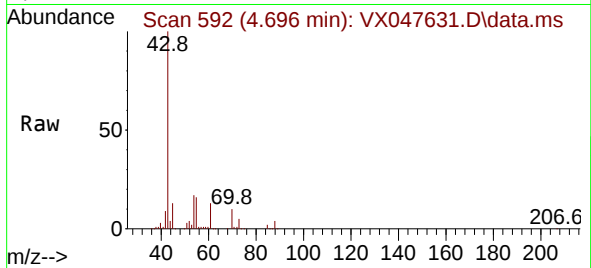
Tgt Ion: 75 Resp: 152850
Ion Ratio Lower Upper
75 100
110 34.6 16.7 50.1
77 30.6 24.3 36.5





#37
Ethyl Acetate
Concen: 50.149 ug/l
RT: 4.696 min Scan# 593
Delta R.T. -0.006 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

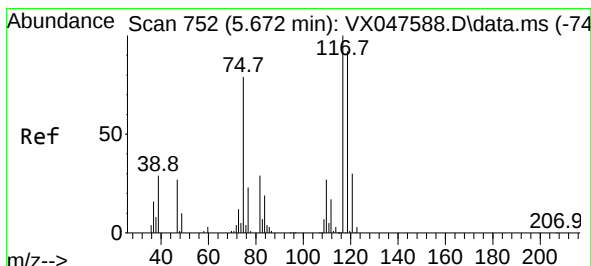
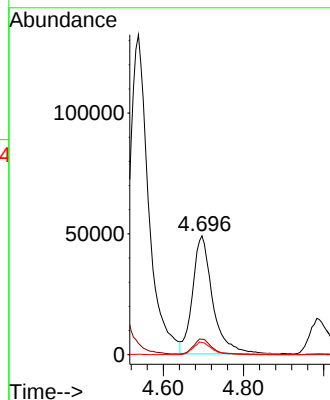
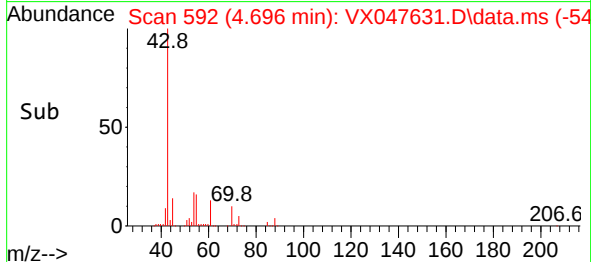
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 16941
Ion Ratio Lower Upper
43 100
61 13.0 9.8 14.8
70 10.0 7.9 11.9

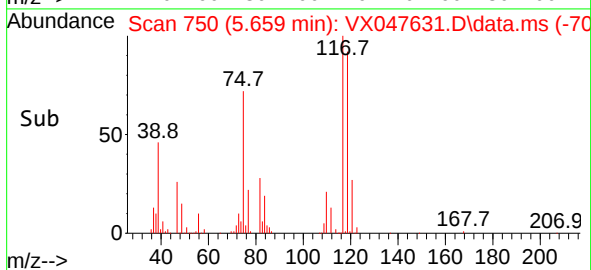
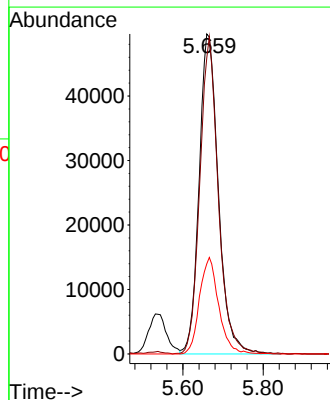
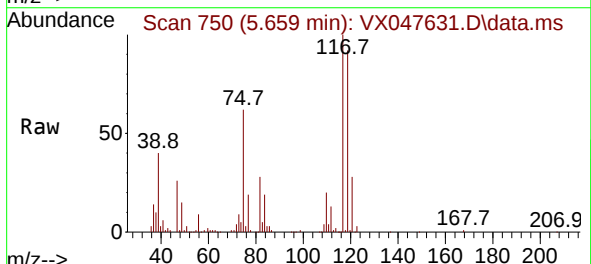
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#38
Carbon Tetrachloride
Concen: 48.248 ug/l
RT: 5.659 min Scan# 750
Delta R.T. -0.012 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Tgt Ion:117 Resp: 165399
Ion Ratio Lower Upper
117 100
119 92.3 73.4 110.2
121 28.2 23.8 35.6





#39

Methylcyclohexane

Concen: 50.786 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VX047631.D

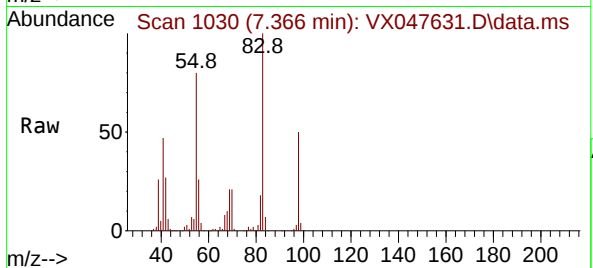
Acq: 18 Sep 2025 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



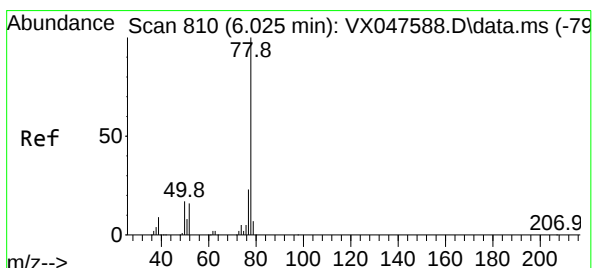
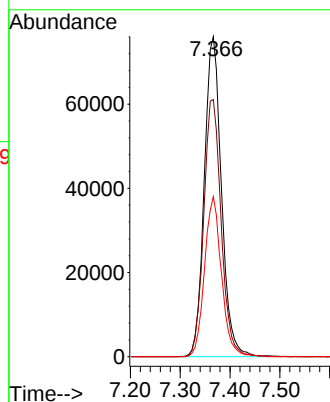
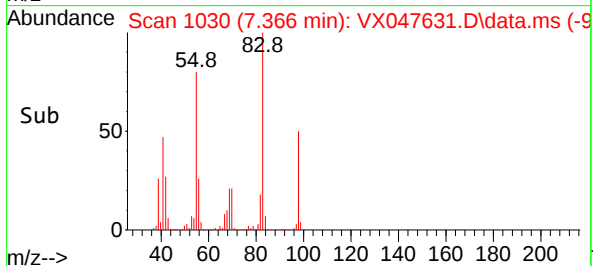
Tgt Ion:	83	Resp:	18189
Ion Ratio	Lower	Upper	
83	100		
55	80.3	66.4	99.6
98	50.0	38.1	57.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#40

Benzene

Concen: 48.975 ug/l

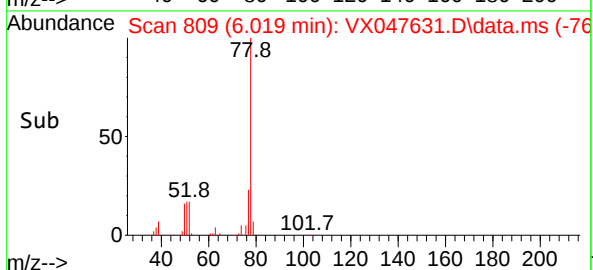
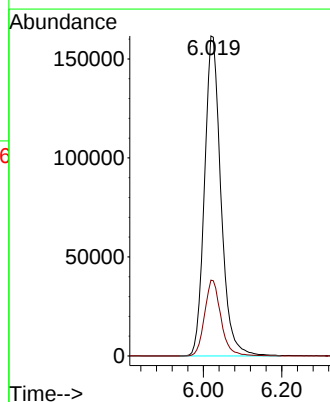
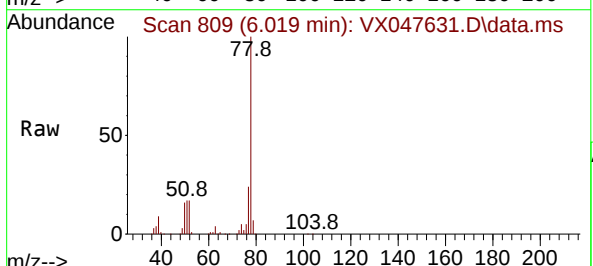
RT: 6.019 min Scan# 809

Delta R.T. -0.006 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

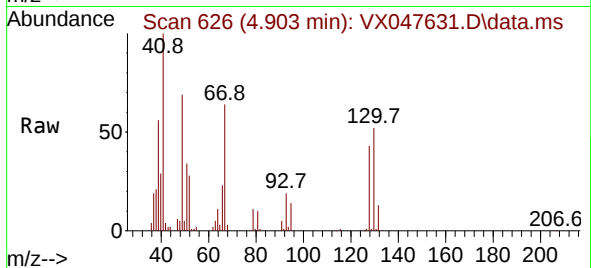
Tgt Ion:	78	Resp:	469333
Ion Ratio	Lower	Upper	
78	100		
77	23.7	18.8	28.2





#41
Methacrylonitrile
Concen: 50.282 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

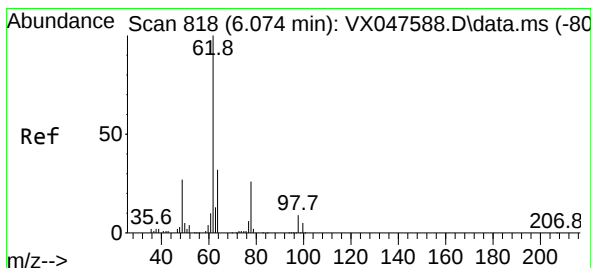
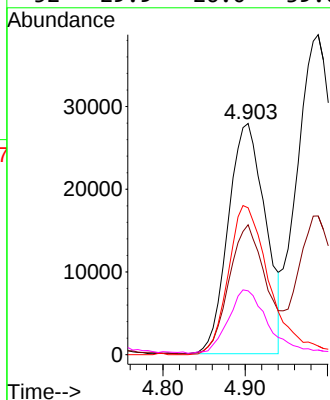
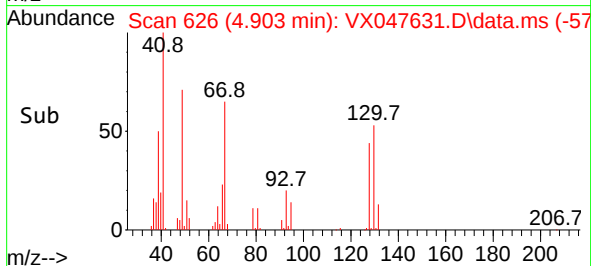
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 8769
Ion Ratio Lower Upper
41 100
39 56.8 43.3 64.9
67 73.5 58.6 87.8
52 29.9 26.0 39.0

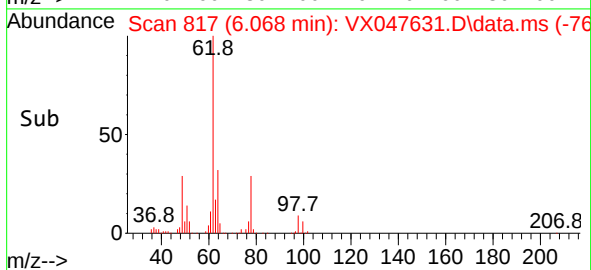
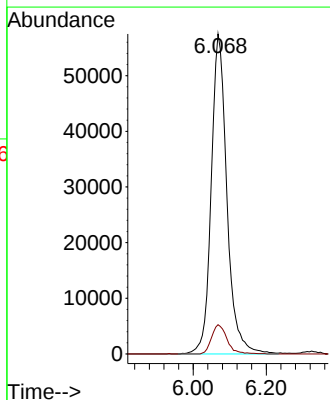
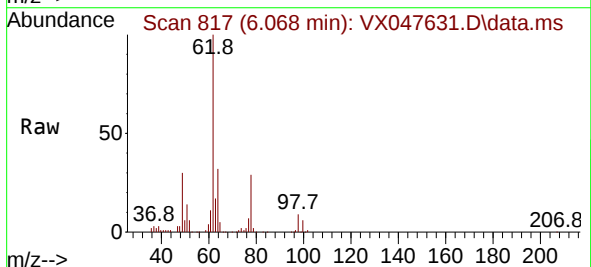
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#42
1,2-Dichloroethane
Concen: 46.941 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.006 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Tgt Ion: 62 Resp: 171157
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.0





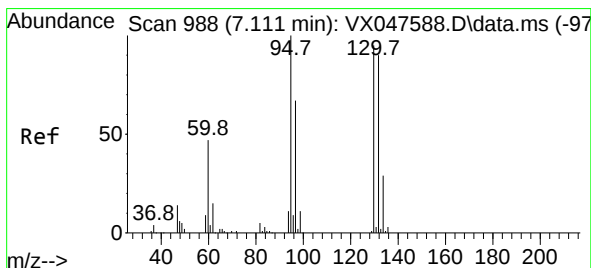
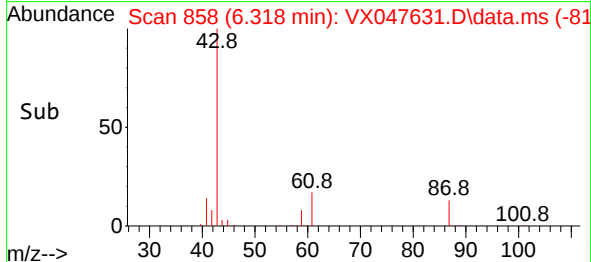
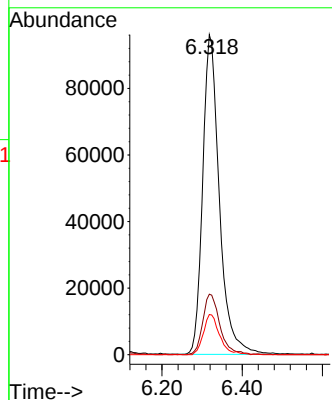
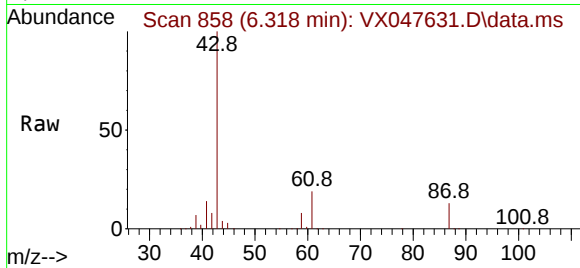
#43
Isopropyl Acetate
Concen: 50.094 ug/l
RT: 6.318 min Scan# 859
Delta R.T. -0.006 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 277550
Ion Ratio Lower Upper
43 100
61 19.4 15.2 22.8
87 12.3 9.6 14.4

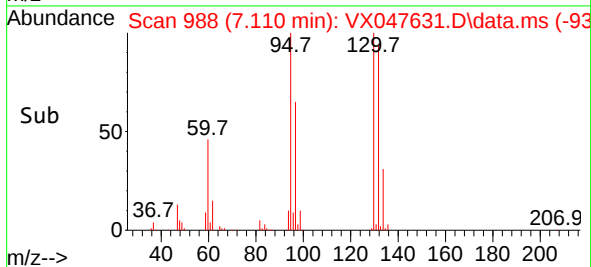
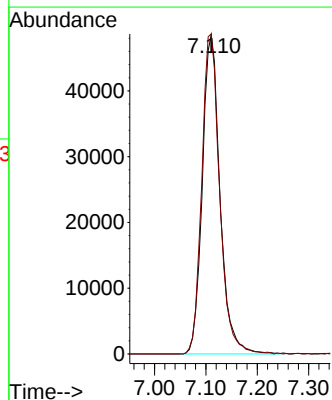
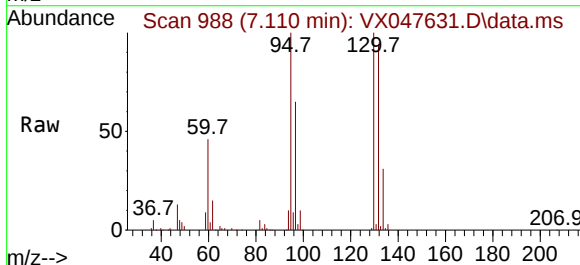
Manual Integrations
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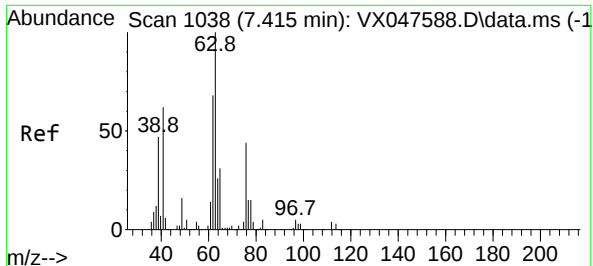
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#44
Trichloroethene
Concen: 50.110 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Tgt Ion:130 Resp: 116097
Ion Ratio Lower Upper
130 100
95 100.2 0.0 210.8





#45

1,2-Dichloropropane

Concen: 48.532 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 119090

Ion Ratio Lower Upper

63 100

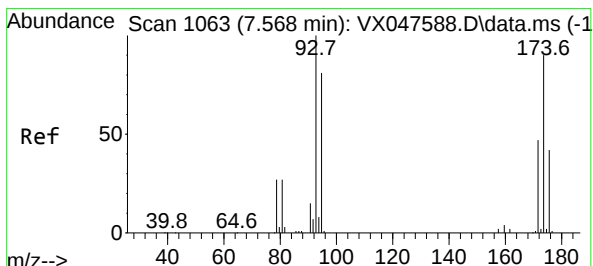
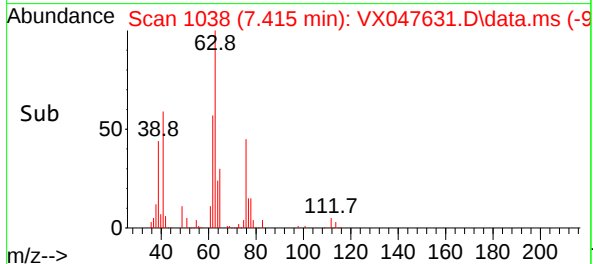
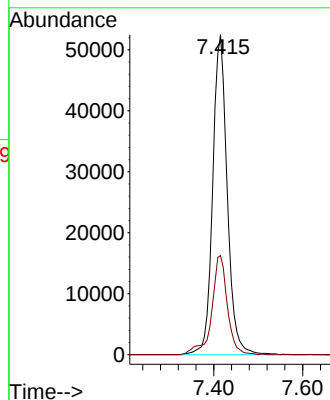
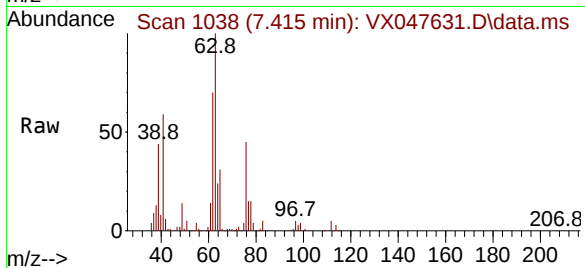
65 31.0 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#46

Dibromomethane

Concen: 47.980 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

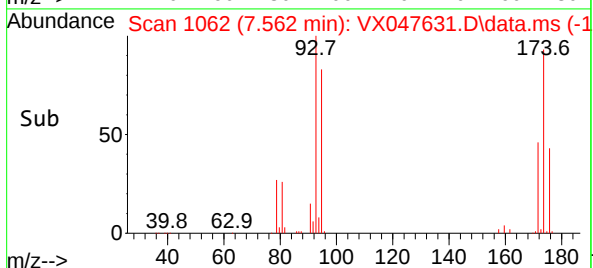
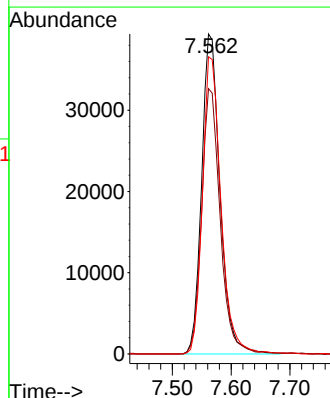
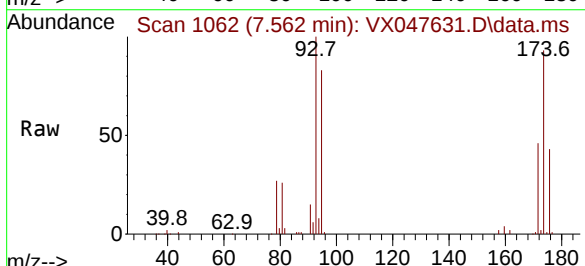
Tgt Ion: 93 Resp: 85677

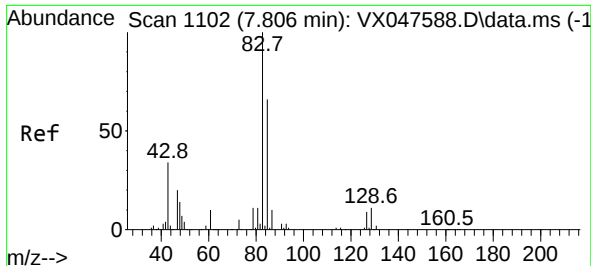
Ion Ratio Lower Upper

93 100

95 83.9 65.0 97.6

174 93.7 71.6 107.4





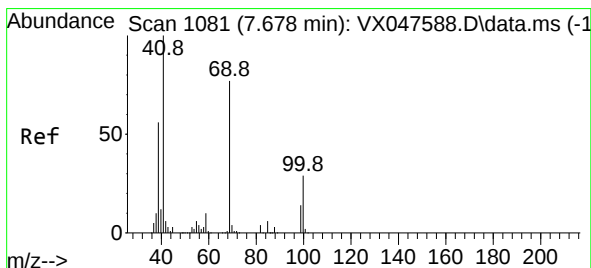
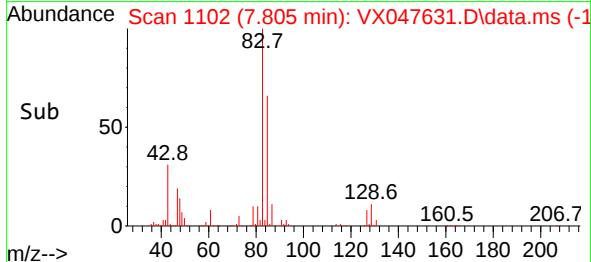
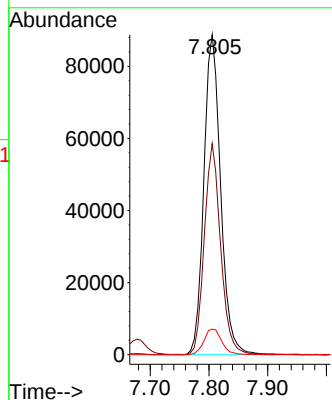
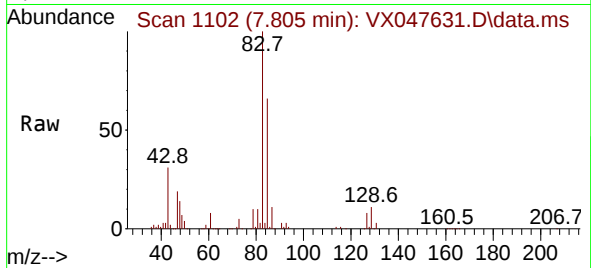
#47
Bromodichloromethane
Concen: 47.854 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 17633
Ion Ratio Lower Upper
83 100
85 65.9 52.5 78.7
127 8.0 6.9 10.3

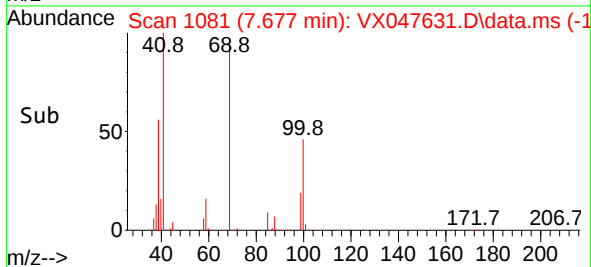
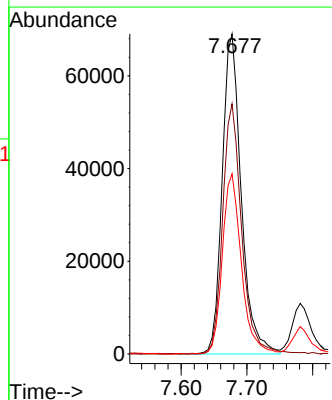
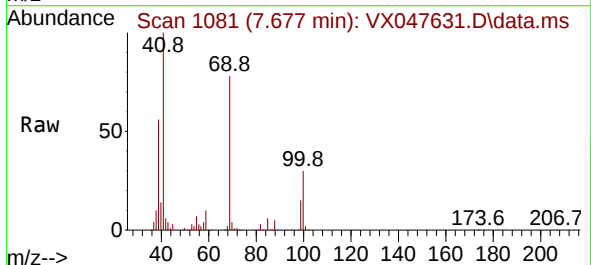
Manual Integrations
APPROVED

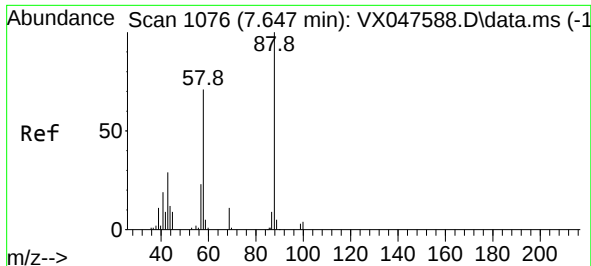
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#48
Methyl methacrylate
Concen: 50.581 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Tgt Ion: 41 Resp: 139596
Ion Ratio Lower Upper
41 100
69 78.1 61.4 92.2
39 56.1 45.8 68.6





#49

1,4-Dioxane

Concen: 1171.777 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

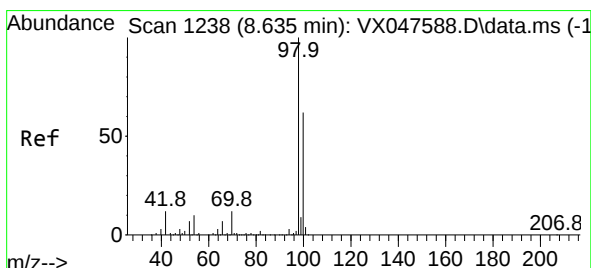
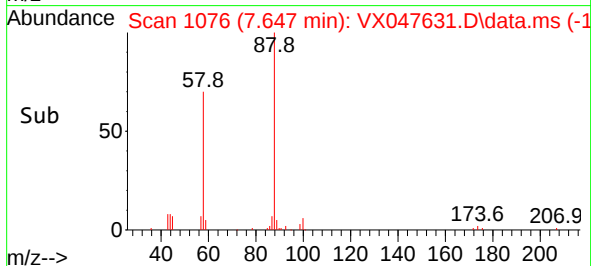
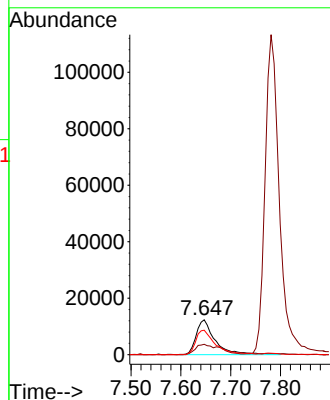
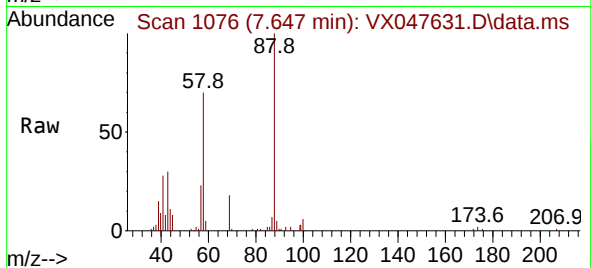
Tgt Ion	Ratio	Lower	Upper
88	100		
43	39.3	30.2	45.2
58	72.5	59.5	89.3

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Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#50

Toluene-d8

Concen: 48.919 ug/l

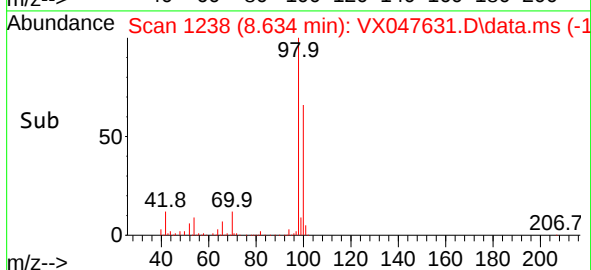
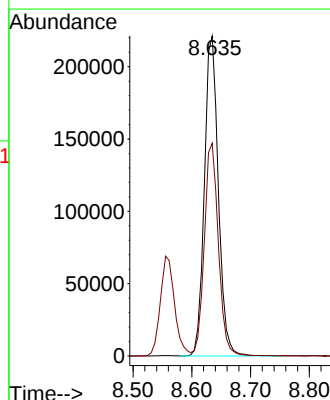
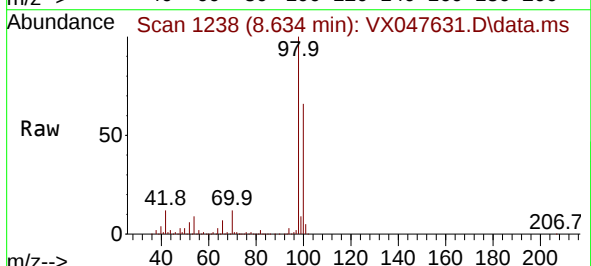
RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.0	79.4





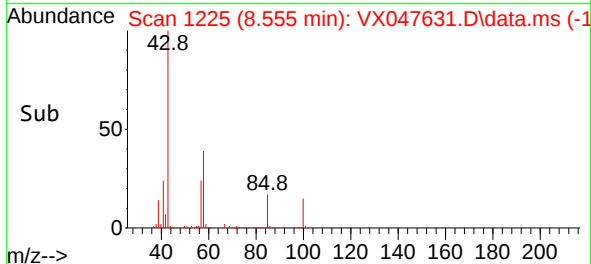
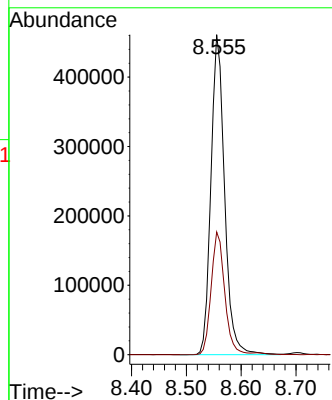
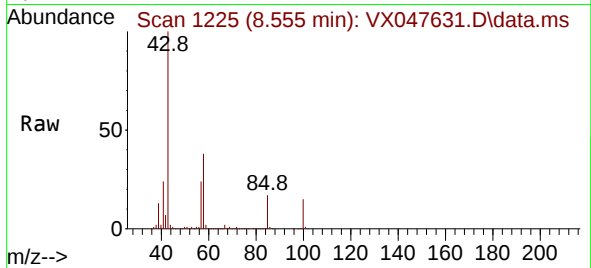
#51
4-Methyl-2-Pentanone
Concen: 258.300 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 79348
Ion Ratio Lower Upper
43 100
58 38.1 30.3 45.5

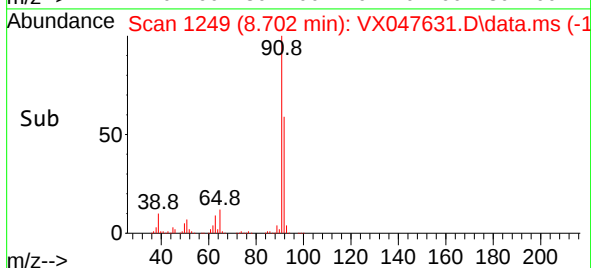
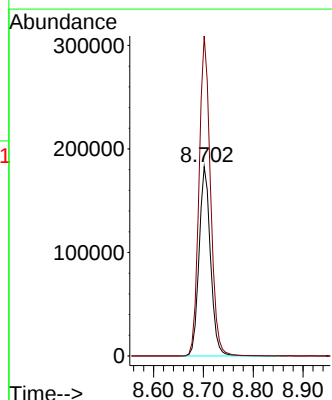
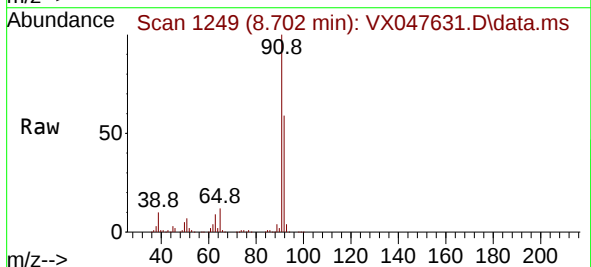
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#52
Toluene
Concen: 49.210 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Tgt Ion: 92 Resp: 290542
Ion Ratio Lower Upper
92 100
91 169.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 49.152 ug/l

RT: 8.964 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 184740

Ion Ratio Lower Upper

75 100

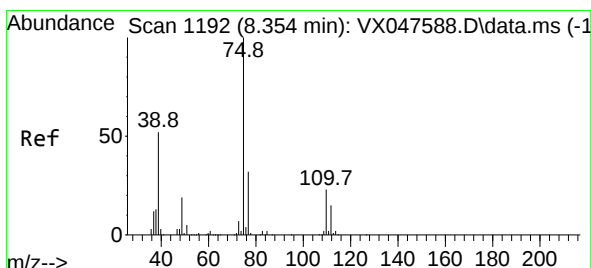
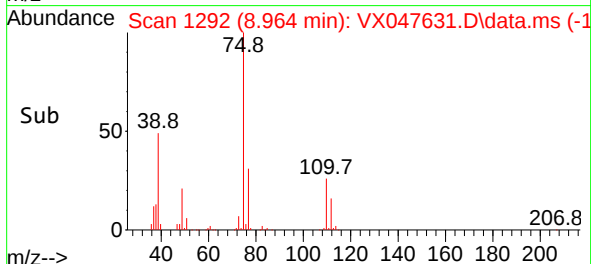
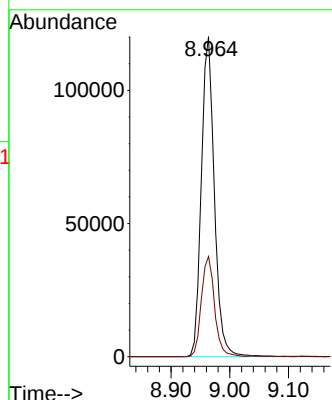
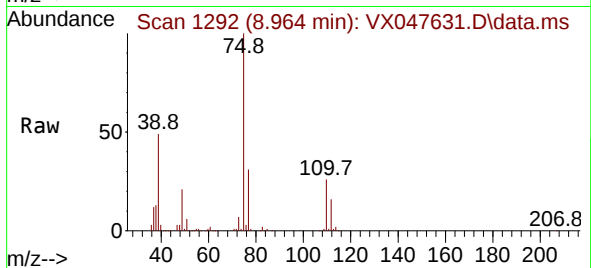
77 31.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#54

cis-1,3-Dichloropropene

Concen: 49.652 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.006 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

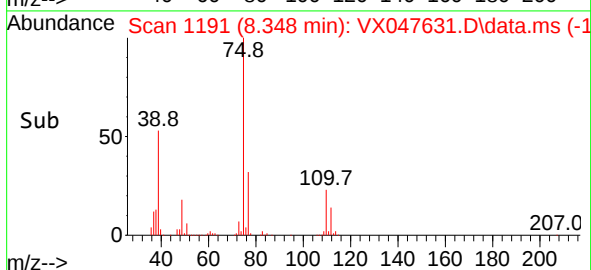
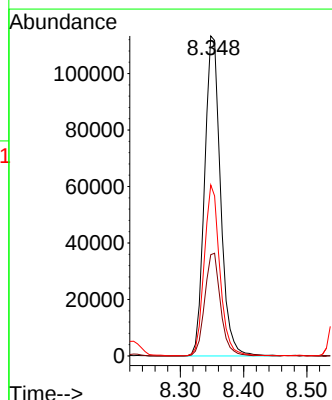
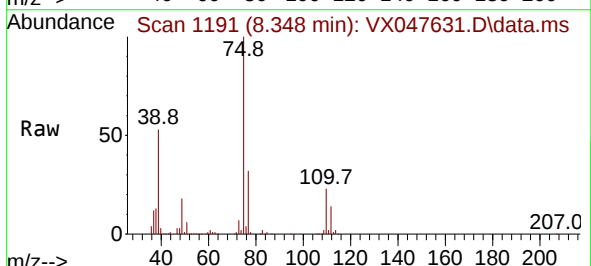
Tgt Ion: 75 Resp: 199468

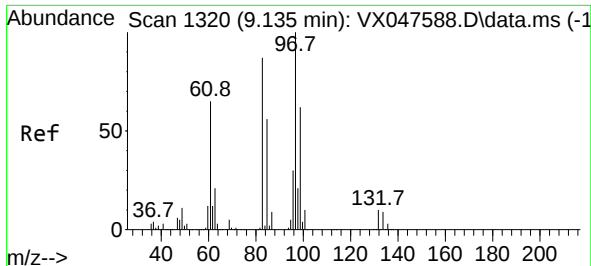
Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6

39 53.3 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 48.359 ug/l

RT: 9.134 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

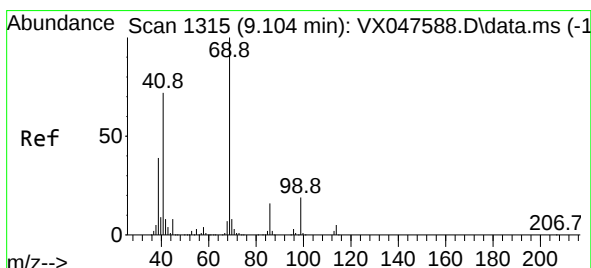
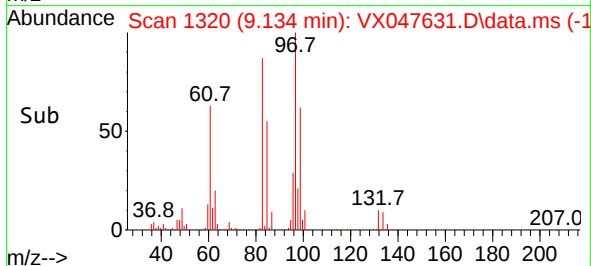
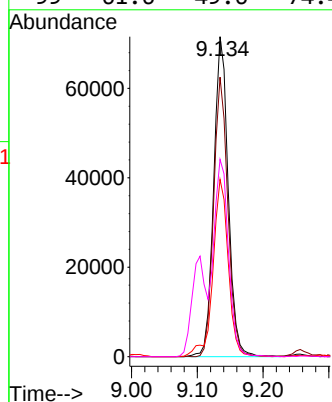
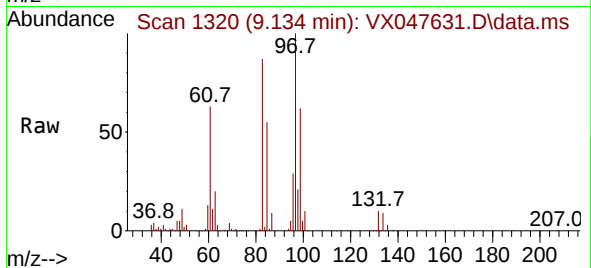
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.6	104.4
85	55.3	45.0	67.6
99	61.6	49.6	74.4

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Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#56

Ethyl methacrylate

Concen: 51.260 ug/l

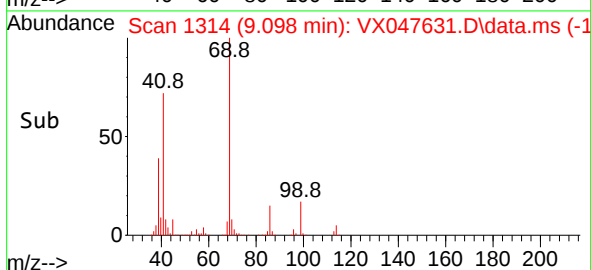
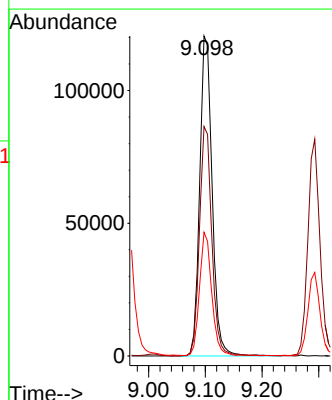
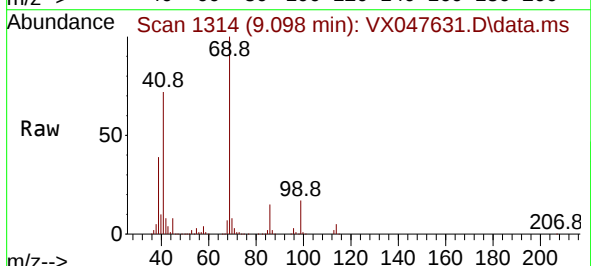
RT: 9.098 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

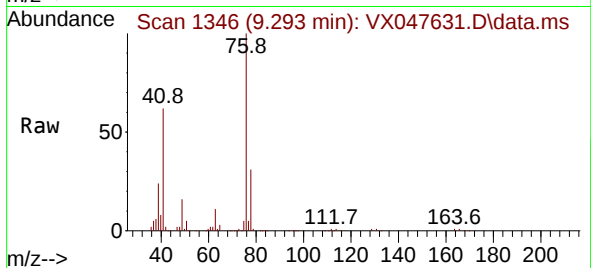
Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.3	58.6	87.8
39	38.0	31.5	47.3





#57
1,3-Dichloropropane
Concen: 49.591 ug/l
RT: 9.293 min Scan# 11346
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

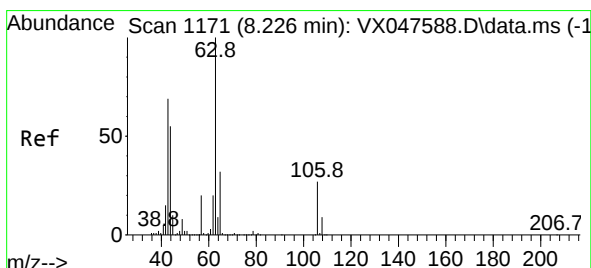
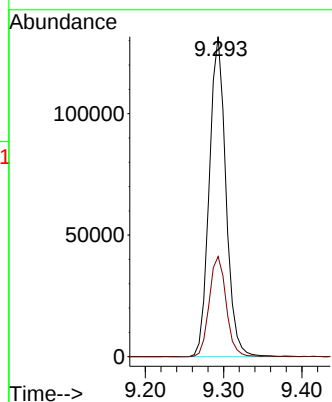
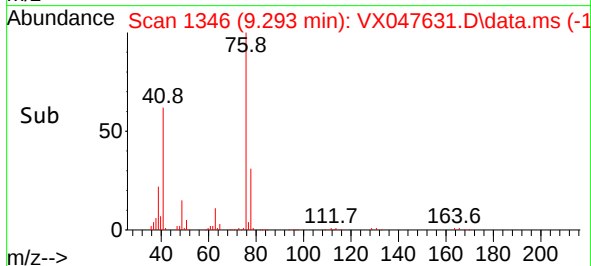
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



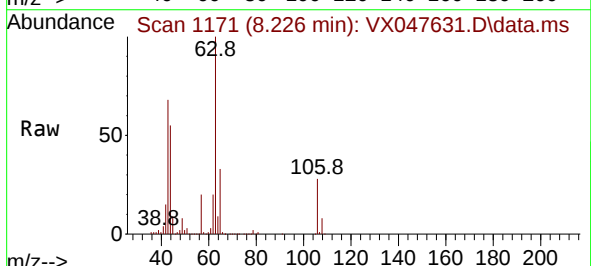
Tgt Ion: 76 Resp: 193940
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.4

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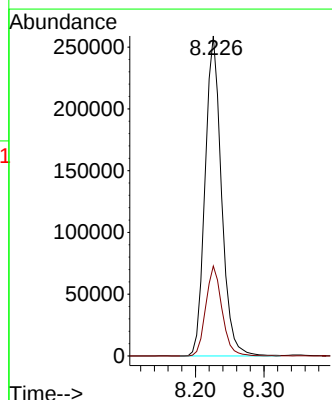
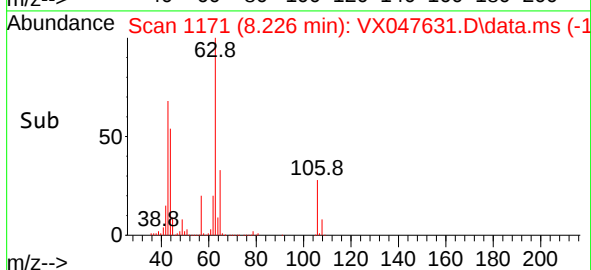
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 252.582 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30



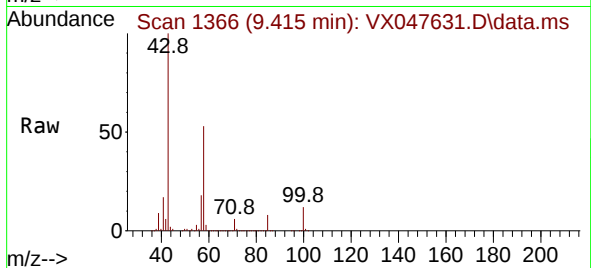
Tgt Ion: 63 Resp: 431737
Ion Ratio Lower Upper
63 100
106 27.8 21.9 32.9





#59
2-Hexanone
Concen: 265.979 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

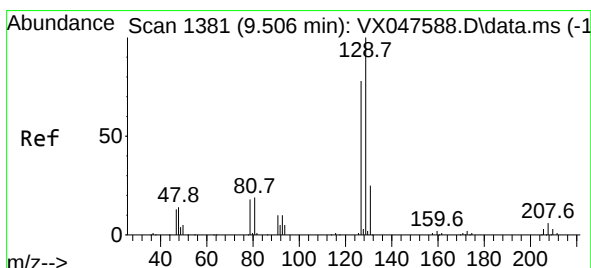
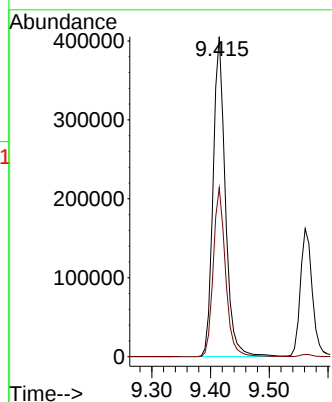
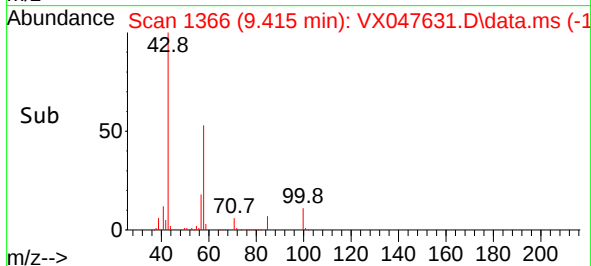
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 58682
Ion Ratio Lower Upper
43 100
58 53.0 26.1 78.2

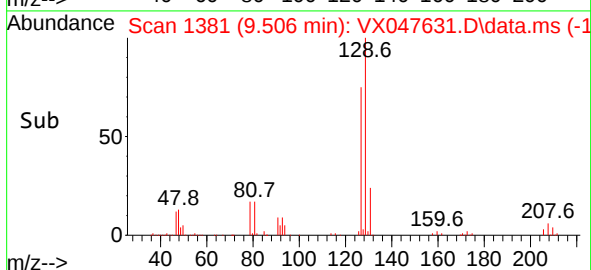
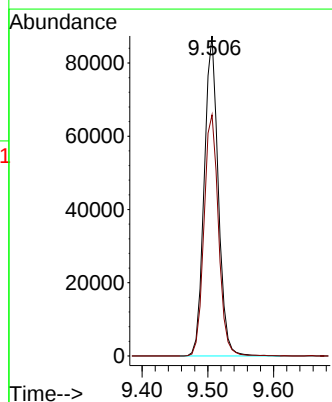
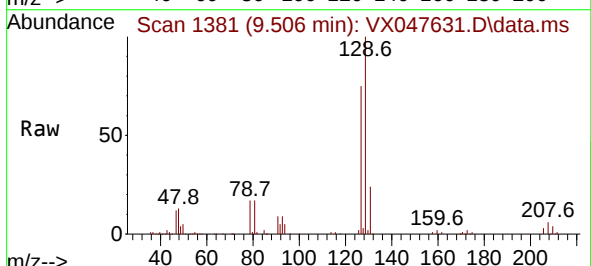
Manual Integrations
APPROVED

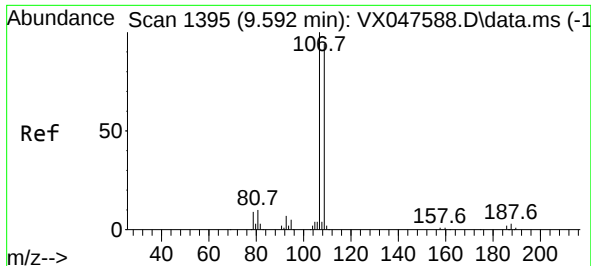
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#60
Dibromochloromethane
Concen: 49.448 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Tgt Ion:129 Resp: 129710
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.2





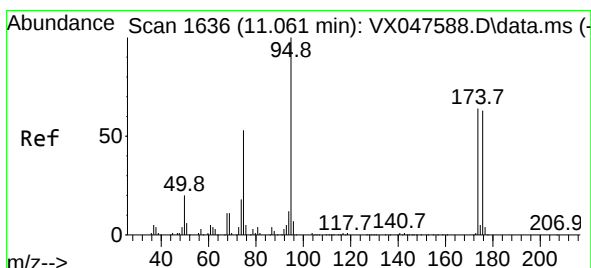
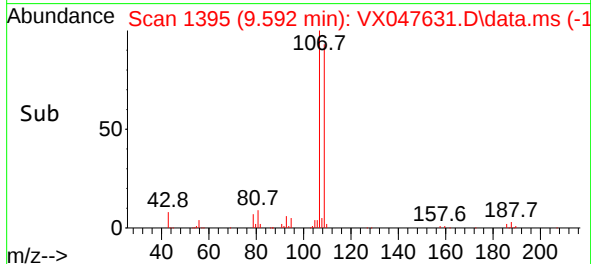
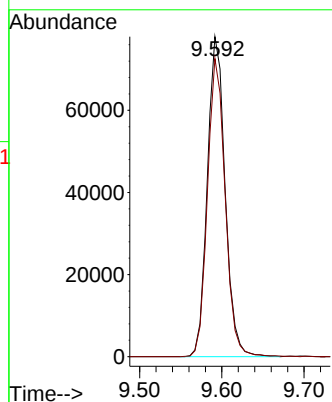
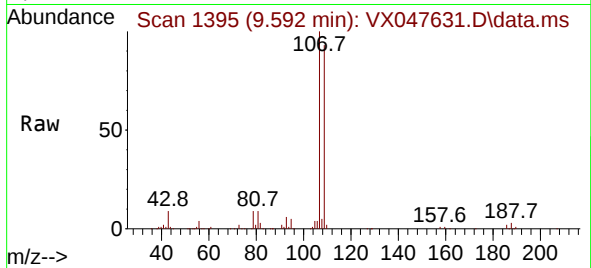
#61
1,2-Dibromoethane
Concen: 50.547 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 117208
Ion Ratio Lower Upper
107 100
109 92.9 75.3 112.9

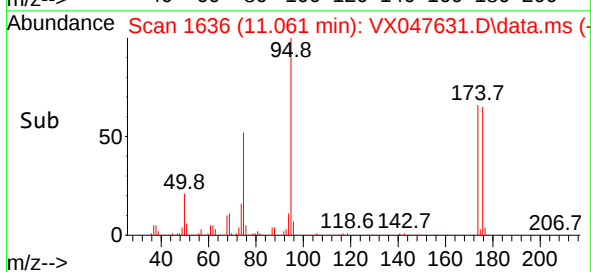
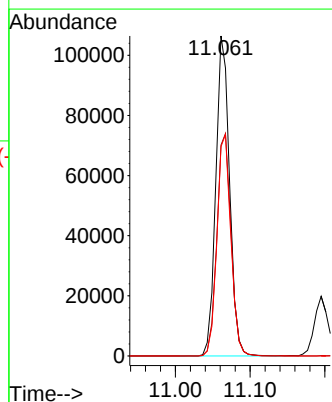
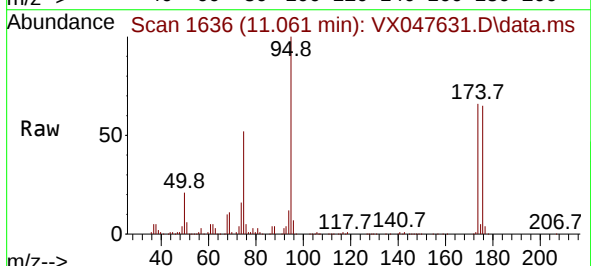
Manual Integrations
APPROVED

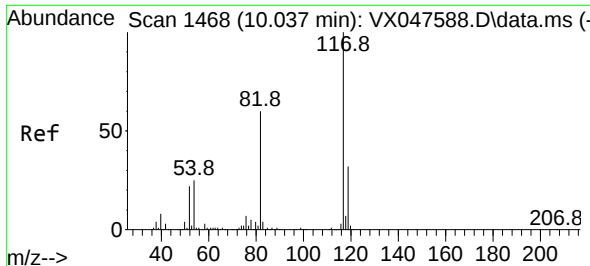
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#62
4-Bromofluorobenzene
Concen: 47.883 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

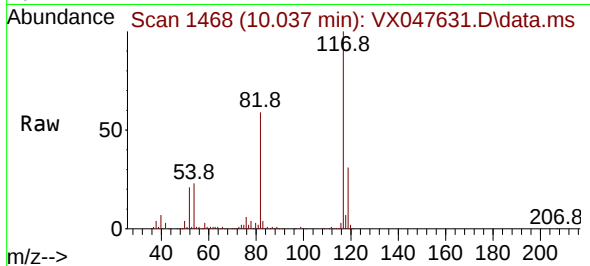
Tgt Ion: 95 Resp: 135773
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.6
176 69.9 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

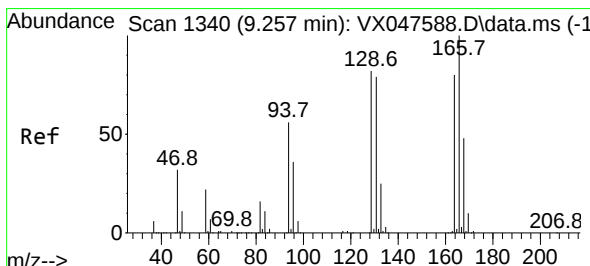
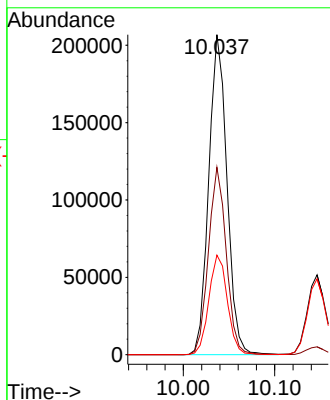
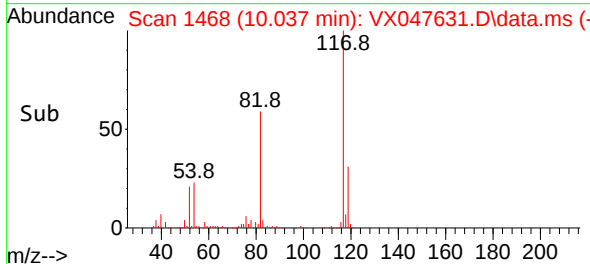
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 285408
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 31.1 25.2 37.8

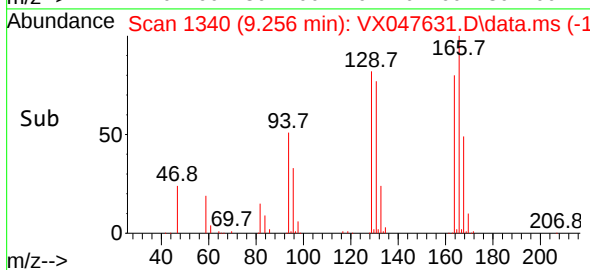
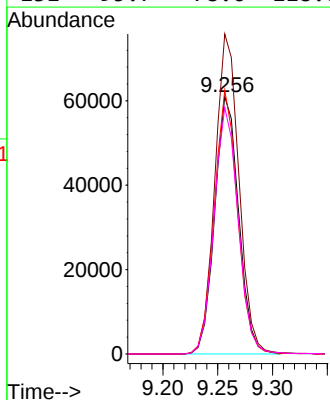
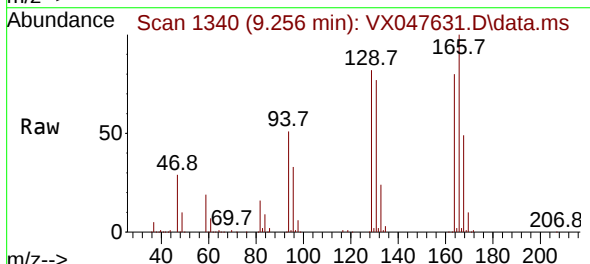
Manual Integrations
APPROVED

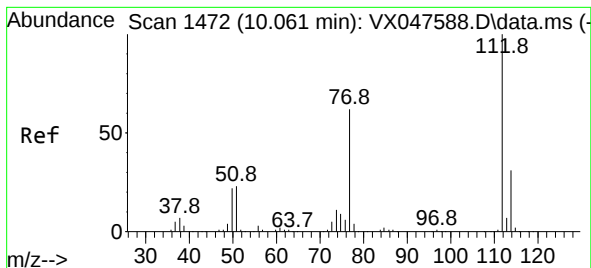
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#64
Tetrachloroethene
Concen: 49.688 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Tgt Ion:164 Resp: 92448
Ion Ratio Lower Upper
164 100
166 124.3 100.2 150.2
129 102.5 81.8 122.6
131 95.7 78.6 118.0





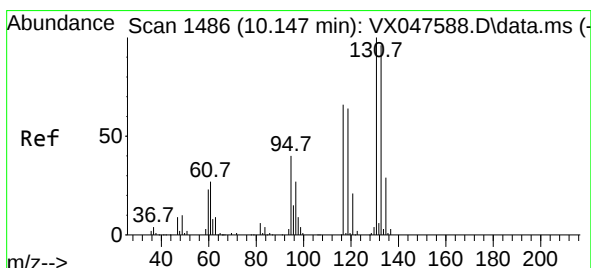
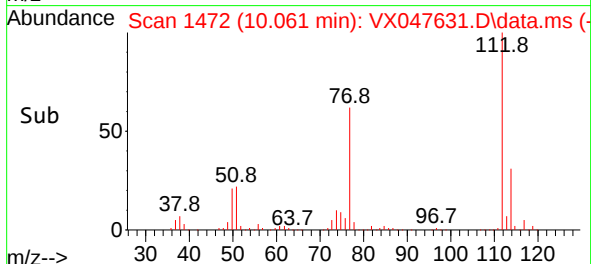
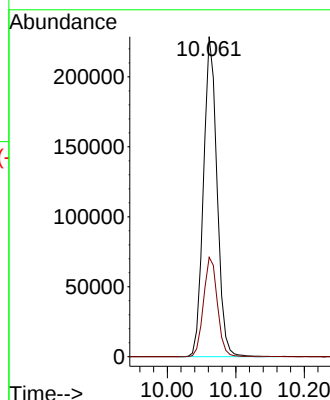
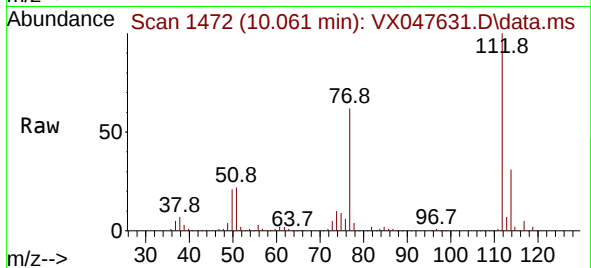
#65
Chlorobenzene
Concen: 48.658 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 315492
Ion Ratio Lower Upper
112 100
114 31.0 25.1 37.7

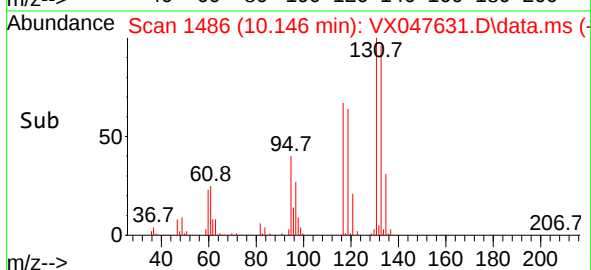
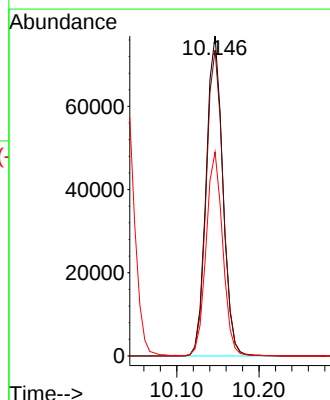
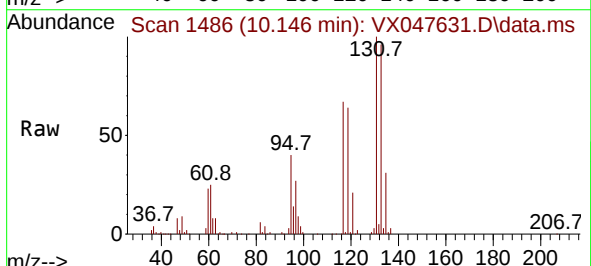
Manual Integrations
APPROVED

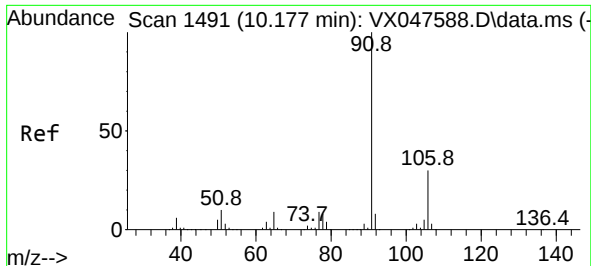
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 48.347 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

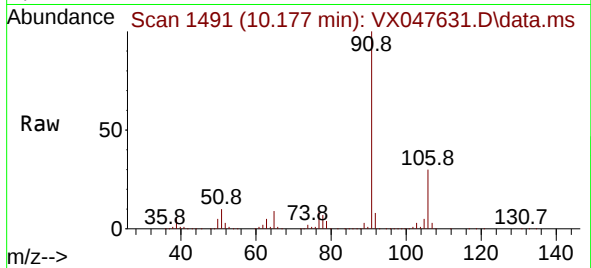
Tgt Ion:131 Resp: 108173
Ion Ratio Lower Upper
131 100
133 96.7 47.3 142.0
119 63.7 32.0 96.0





#67
Ethyl Benzene
Concen: 49.445 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

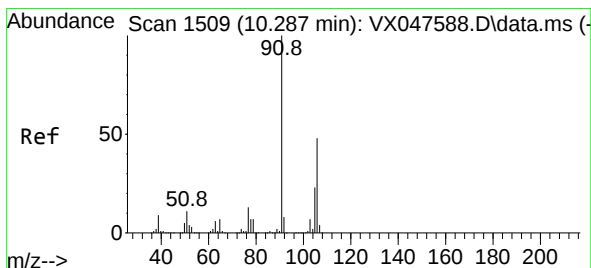
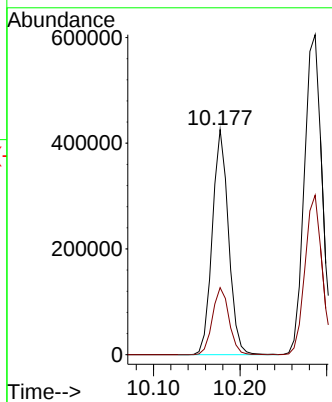
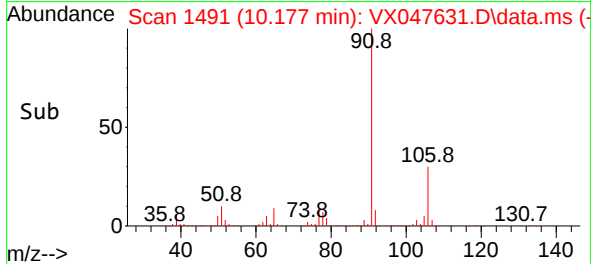
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



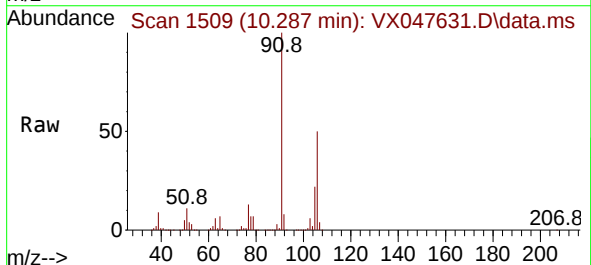
Tgt Ion: 91 Resp: 553172
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5

Manual Integrations
APPROVED

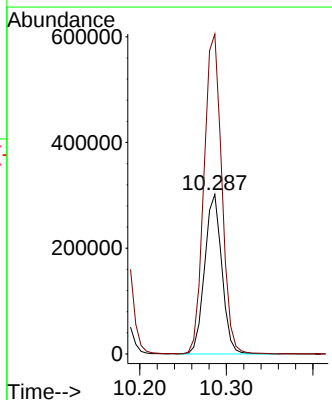
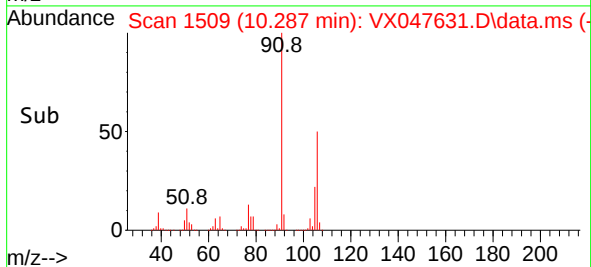
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

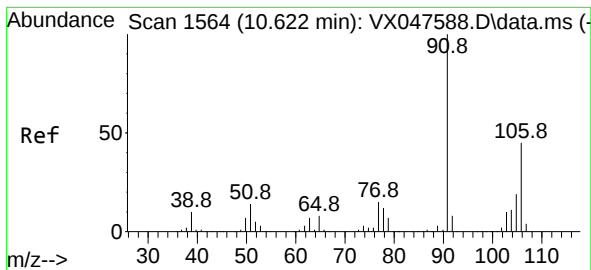


#68
m/p-Xylenes
Concen: 99.659 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30



Tgt Ion:106 Resp: 414989
Ion Ratio Lower Upper
106 100
91 207.5 167.8 251.8





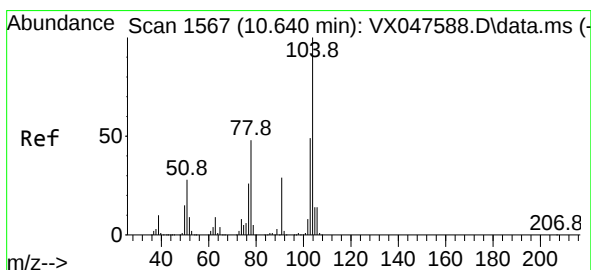
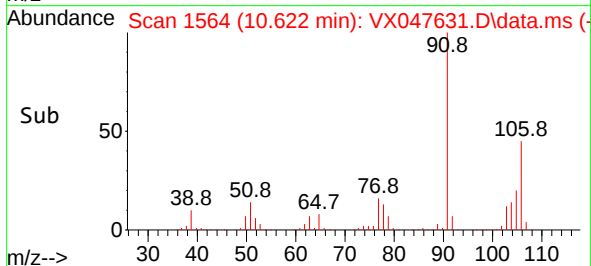
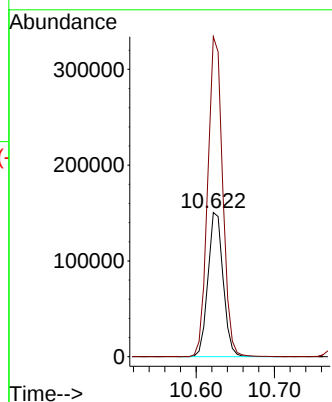
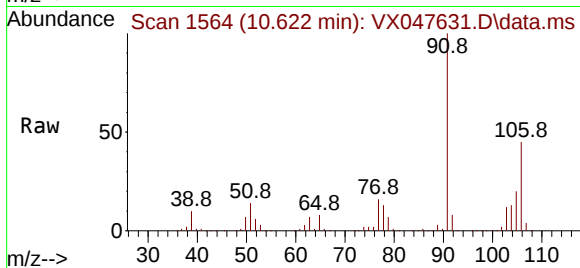
#69
o-Xylene
Concen: 50.060 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 201624
Ion Ratio Lower Upper
106 100
91 219.3 111.1 333.4

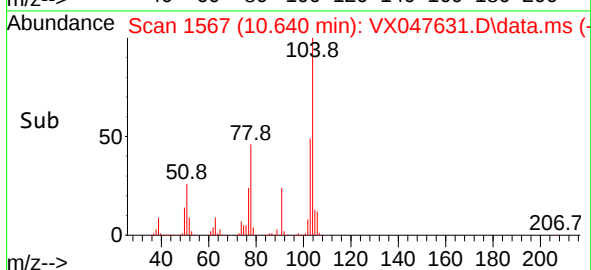
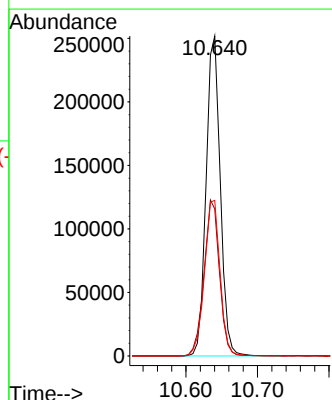
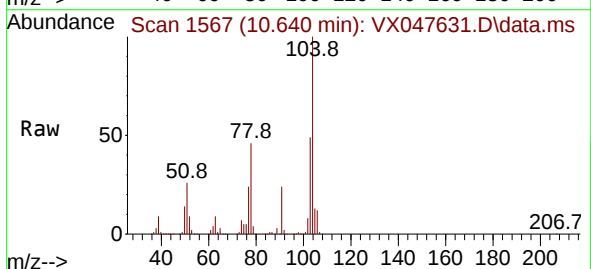
Manual Integrations
APPROVED

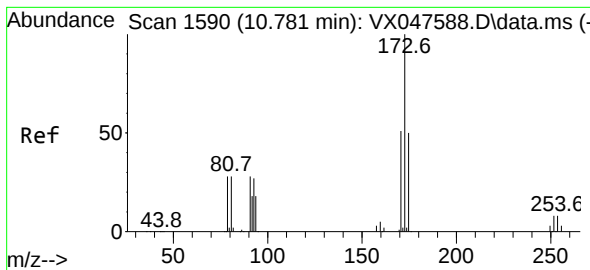
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#70
Styrene
Concen: 49.233 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

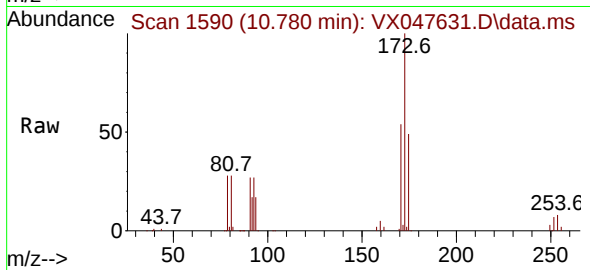
Tgt Ion:104 Resp: 347448
Ion Ratio Lower Upper
104 100
78 53.1 43.1 64.7
103 53.6 43.1 64.7





#71
Bromoform
Concen: 49.177 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

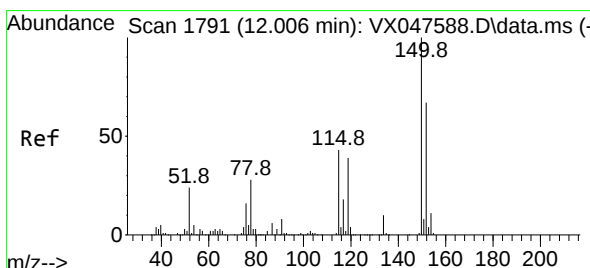
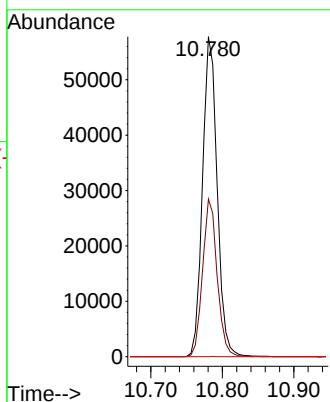
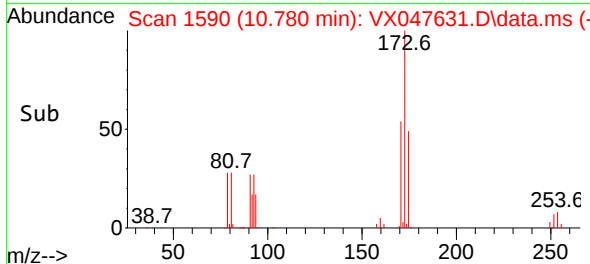
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 8215
Ion Ratio Lower Upper
173 100
175 49.0 24.9 74.6
254 0.0 0.1 0.1

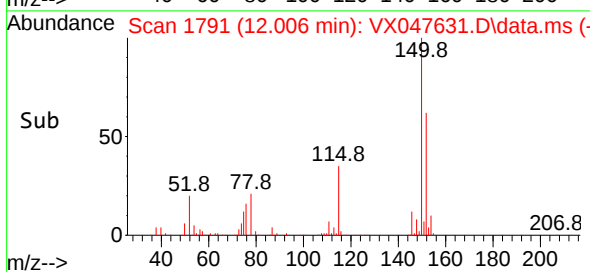
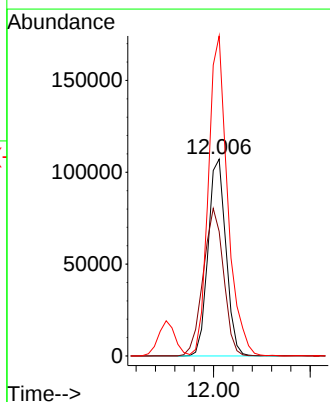
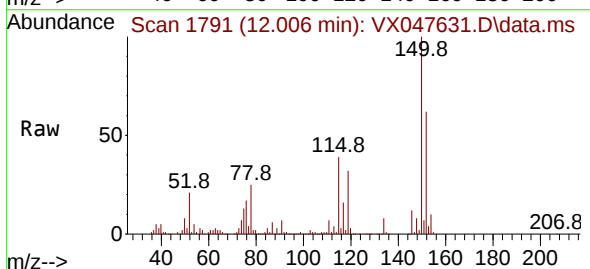
Manual Integrations
APPROVED

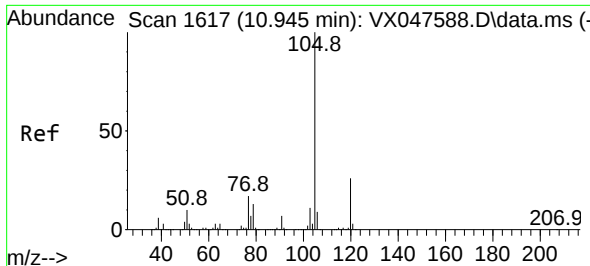
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

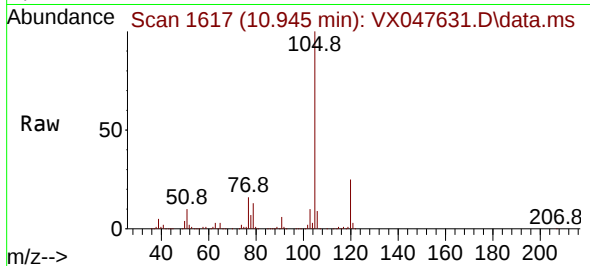
Tgt Ion:152 Resp: 137093
Ion Ratio Lower Upper
152 100
115 86.0 44.9 134.5
150 175.1 0.0 352.0





#73
Isopropylbenzene
Concen: 49.191 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

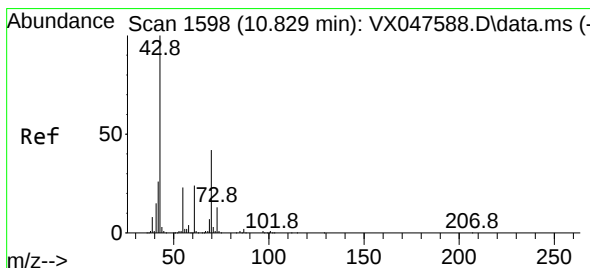
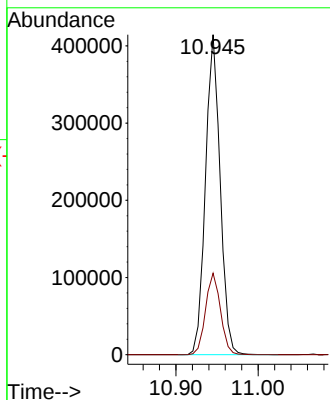
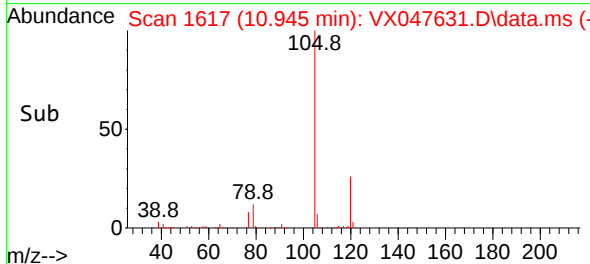
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 51270
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

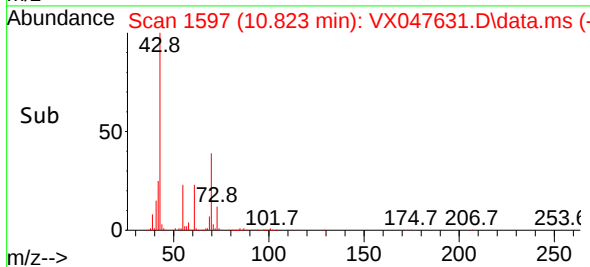
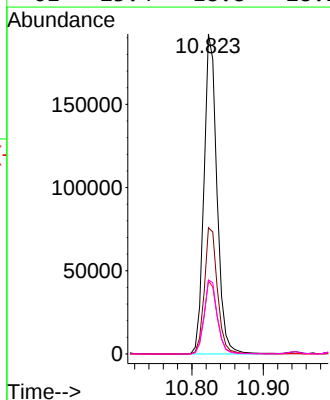
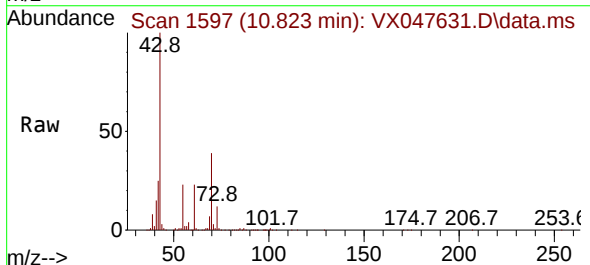
Manual Integrations
APPROVED

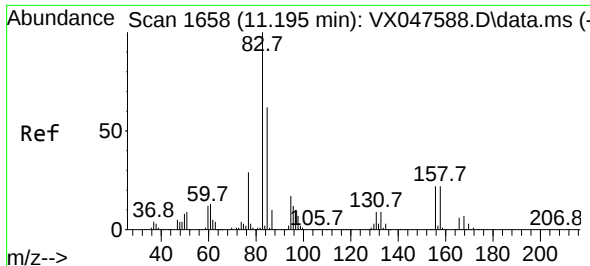
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#74
N-ethyl acetate
Concen: 51.046 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.006 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

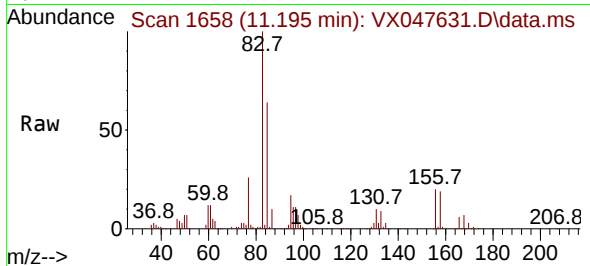
Tgt Ion: 43 Resp: 242616
Ion Ratio Lower Upper
43 100
70 39.9 32.0 48.0
55 23.2 18.9 28.3
61 23.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.820 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

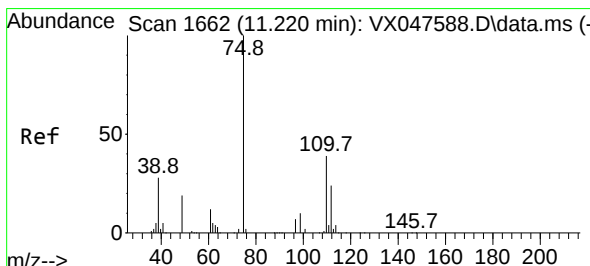
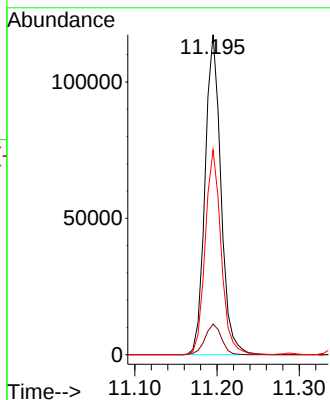
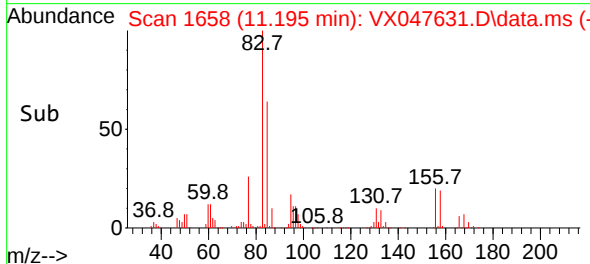
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 15710
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.2 31.6 95.0

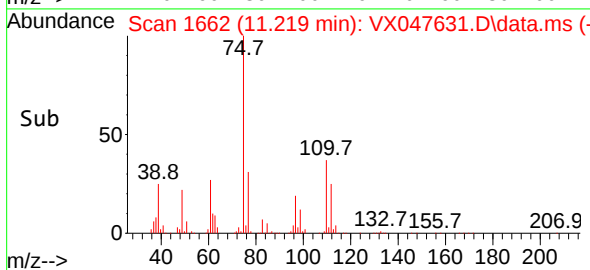
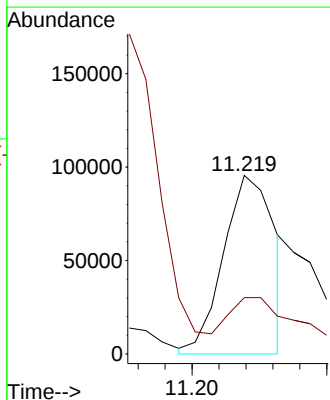
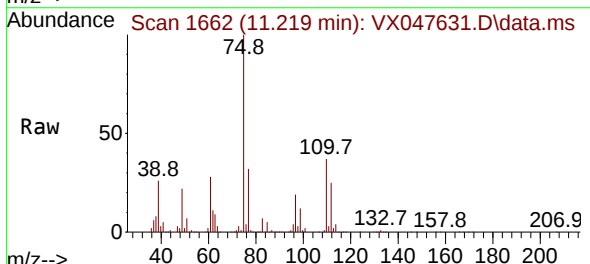
Manual Integrations
APPROVED

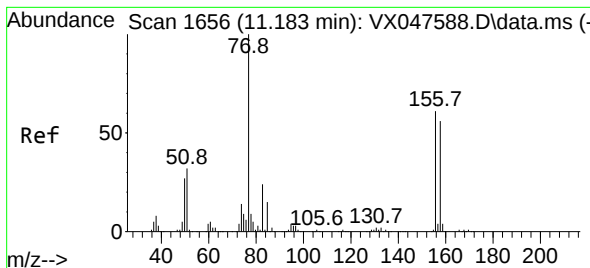
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#76
1,2,3-Trichloropropane
Concen: 45.234 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Tgt Ion: 75 Resp: 125555
Ion Ratio Lower Upper
75 100
77 44.0 18.8 56.4





#77

Bromobenzene

Concen: 48.723 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

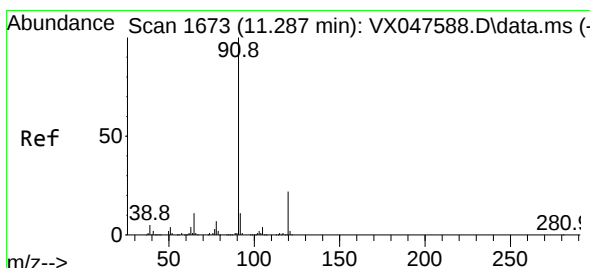
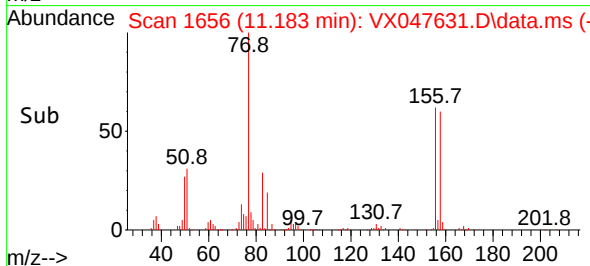
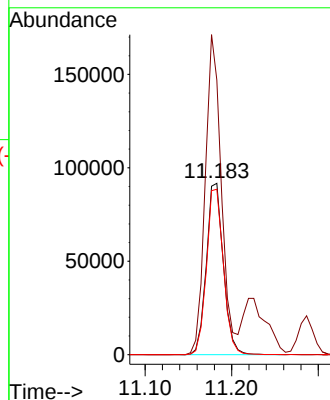
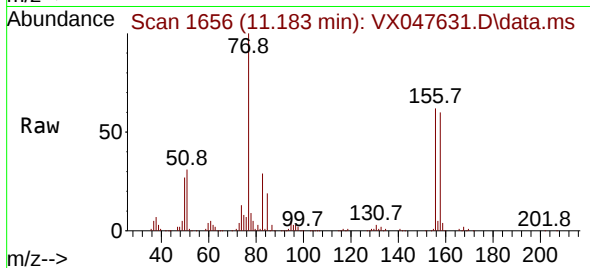
Tgt Ion:	156	Resp:	125074
Ion Ratio	Lower	Upper	
156	100		
77	177.3	89.7	269.1
158	96.4	47.9	143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#78

n-propylbenzene

Concen: 49.266 ug/l

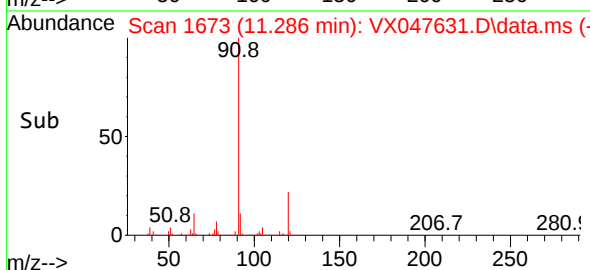
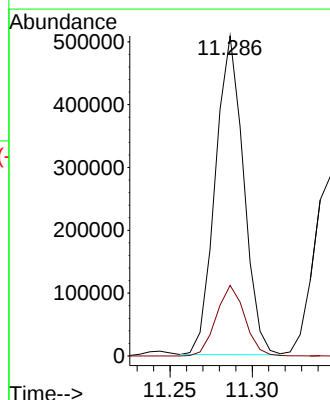
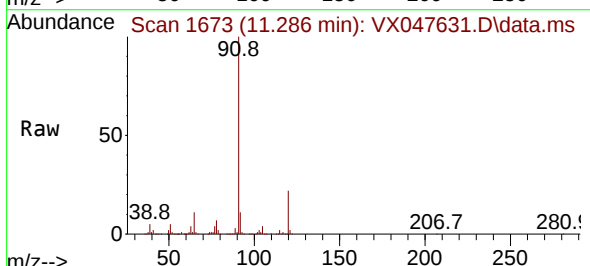
RT: 11.286 min Scan# 1673

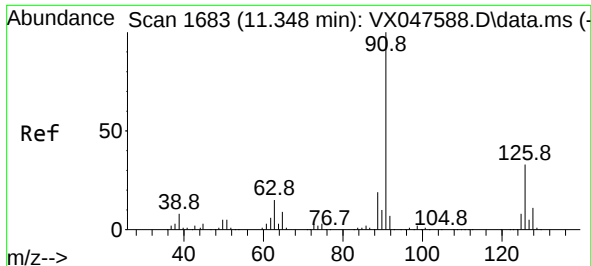
Delta R.T. -0.000 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

Tgt Ion:	91	Resp:	606998
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.1	33.1





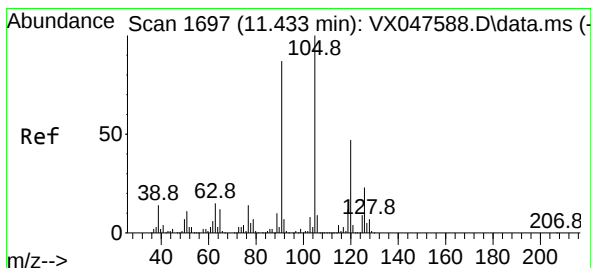
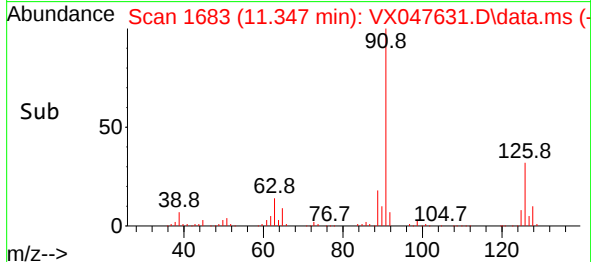
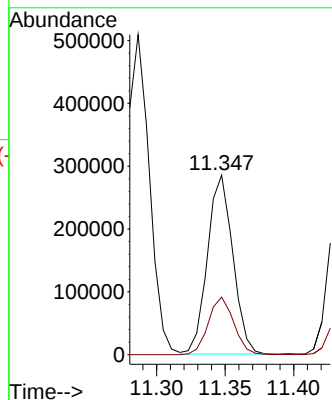
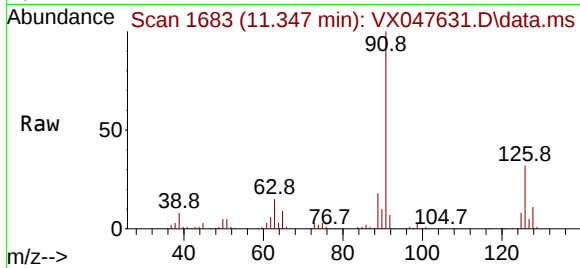
#79
2-Chlorotoluene
Concen: 48.608 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 366809
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.3

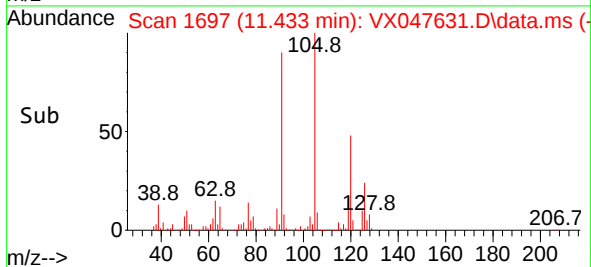
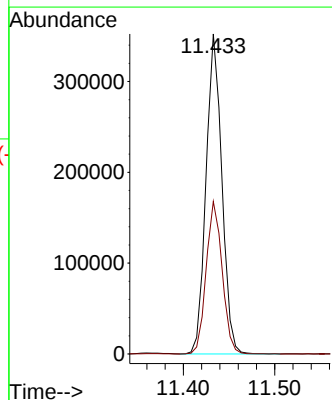
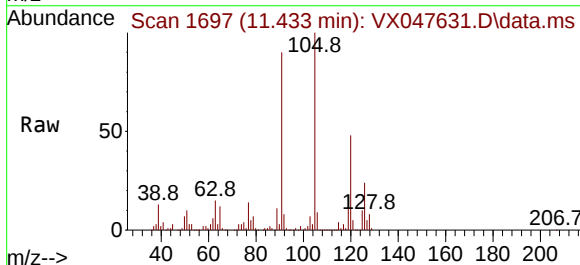
Manual Integrations
APPROVED

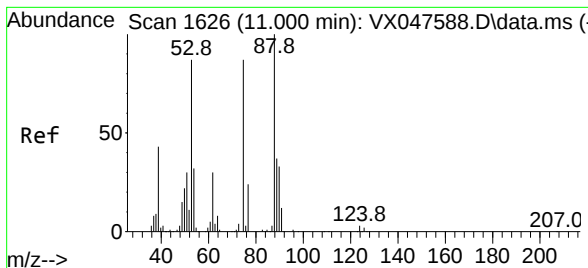
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.330 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

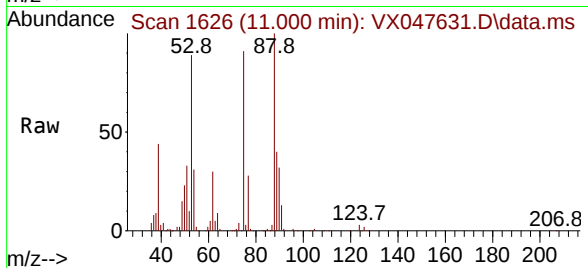
Tgt Ion:105 Resp: 422419
Ion Ratio Lower Upper
105 100
120 48.1 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 49.711 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

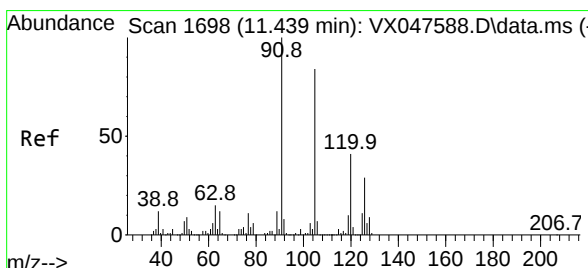
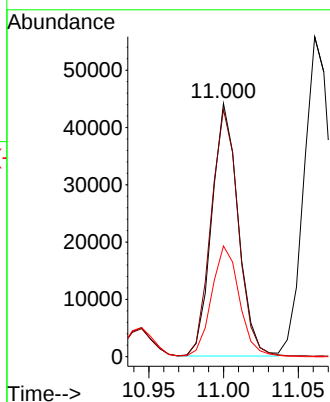
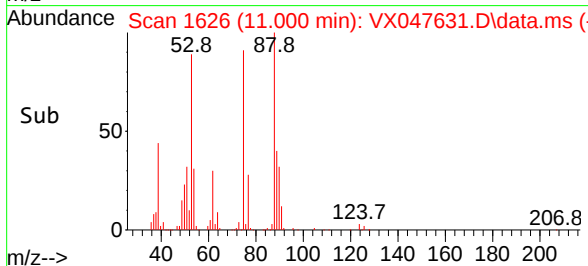
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 54108
Ion Ratio Lower Upper
75 100
53 101.6 83.4 125.2
89 46.1 36.3 54.5

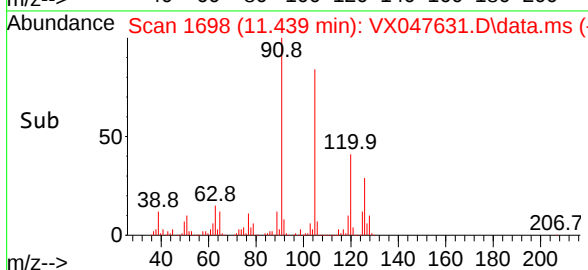
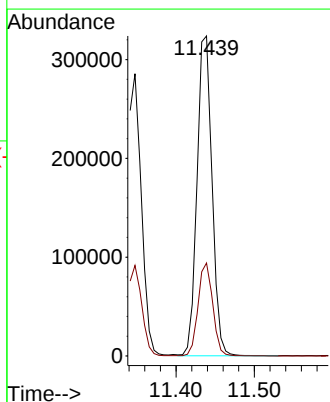
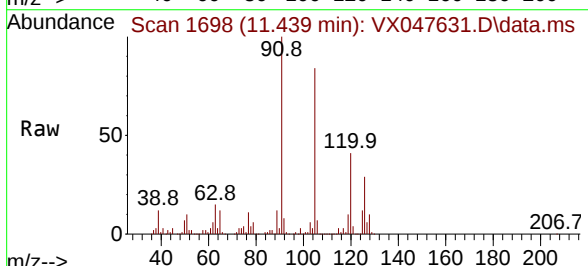
Manual Integrations
APPROVED

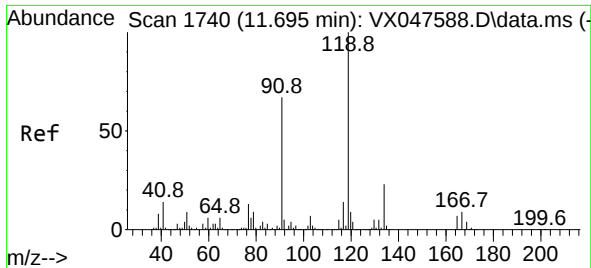
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#82
4-Chlorotoluene
Concen: 48.423 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

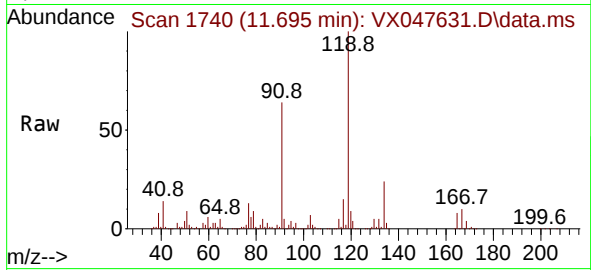
Tgt Ion: 91 Resp: 431570
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.149 ug/l
RT: 11.695 min Scan# 11740
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

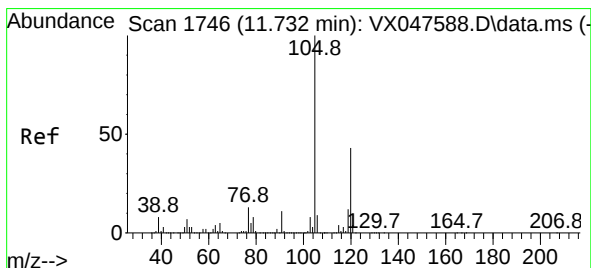
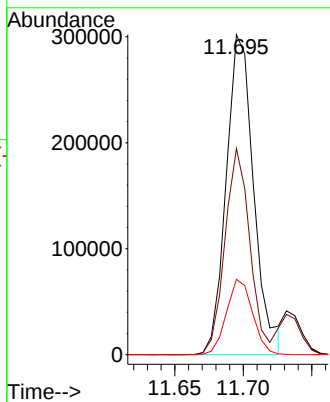
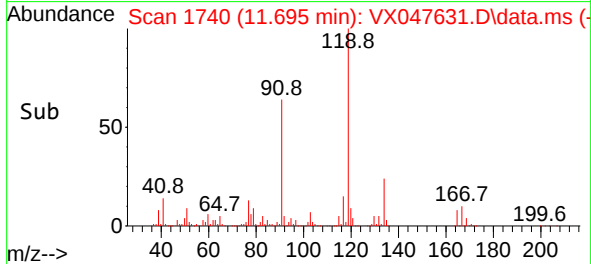
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



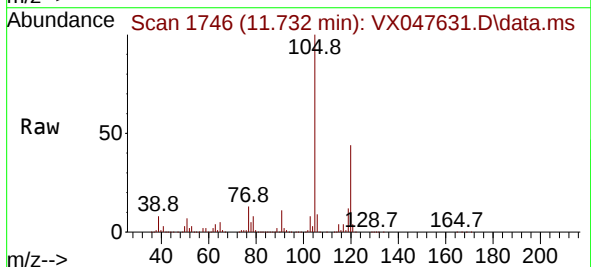
Tgt Ion:119 Resp: 422068
Ion Ratio Lower Upper
119 100
91 58.4 29.6 88.8
134 22.4 11.0 33.0

Manual Integrations
APPROVED

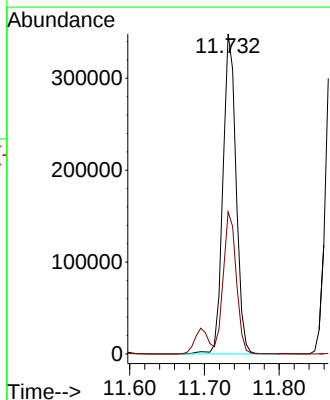
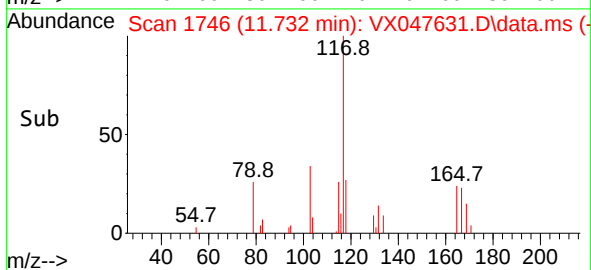
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

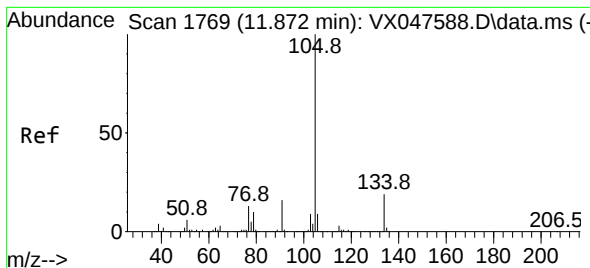


#84
1,2,4-Trimethylbenzene
Concen: 49.155 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30



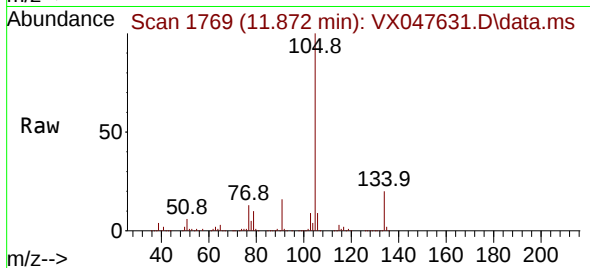
Tgt Ion:105 Resp: 426742
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 49.250 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX047631.D
 Acq: 18 Sep 2025 11:30

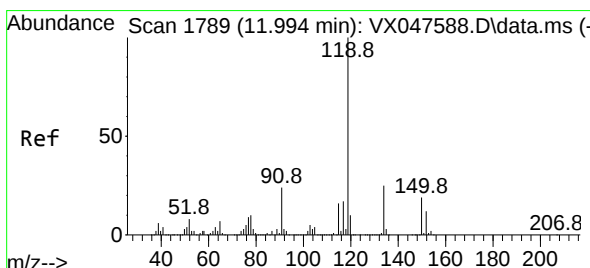
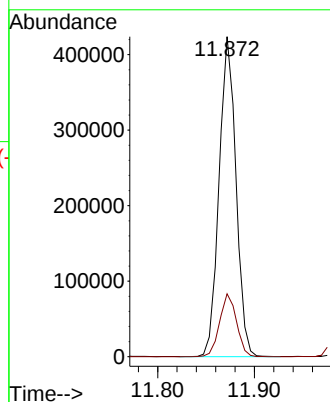
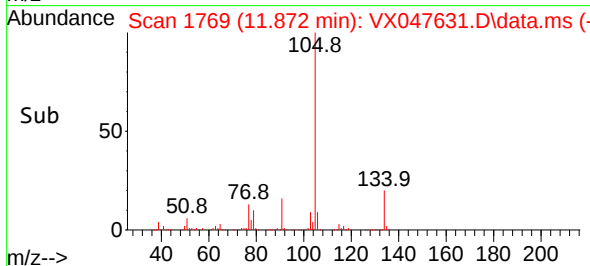
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



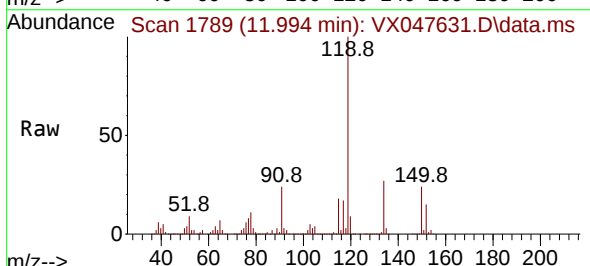
Tgt Ion:105 Resp: 512794
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5

Manual Integrations
 APPROVED

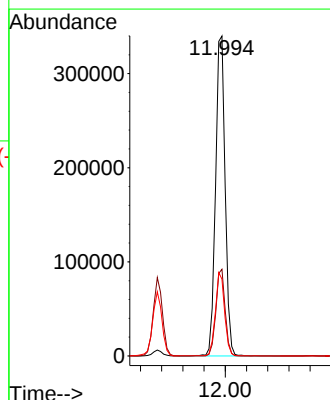
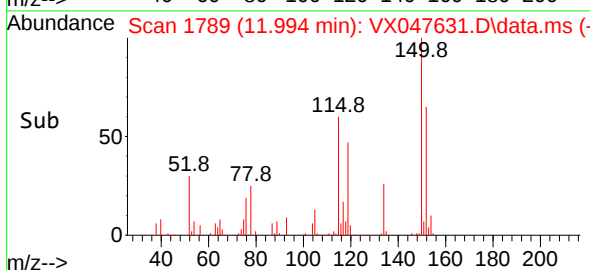
Reviewed By :John Carlone 09/19/2025
 Supervised By :Mahesh Dadoda 09/19/2025

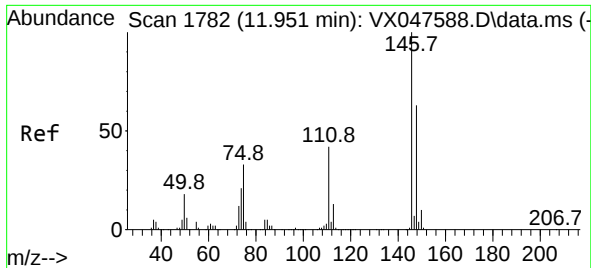


#86
 p-Isopropyltoluene
 Concen: 48.480 ug/l
 RT: 11.994 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: VX047631.D
 Acq: 18 Sep 2025 11:30



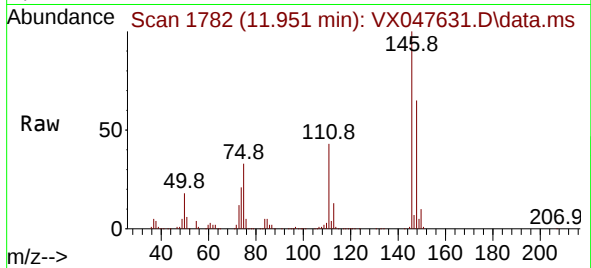
Tgt Ion:119 Resp: 427348
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 25.1 12.6 37.6





#87
1,3-Dichlorobenzene
Concen: 48.269 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

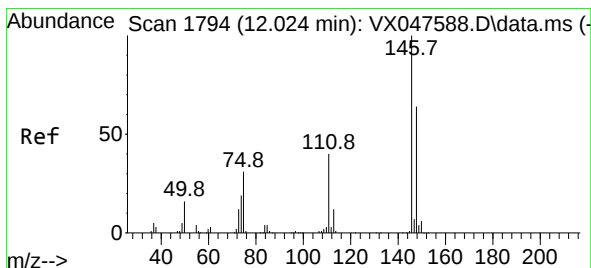
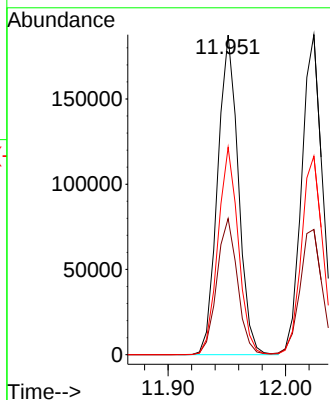
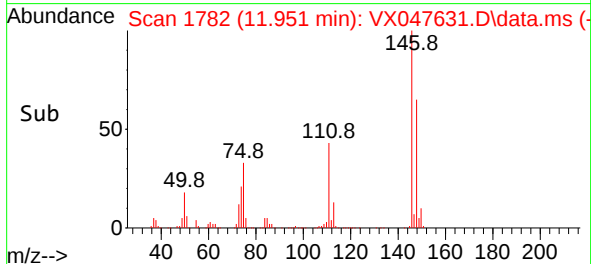
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



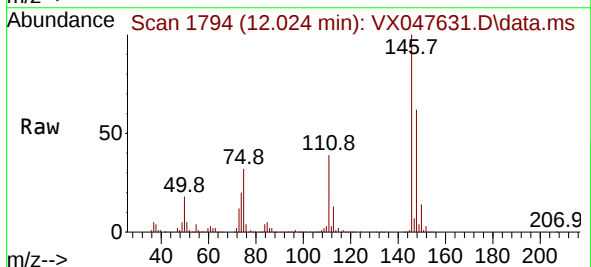
Tgt Ion:146 Resp: 23014
Ion Ratio Lower Upper
146 100
111 42.6 21.5 64.5
148 63.6 32.0 96.0

Manual Integrations
APPROVED

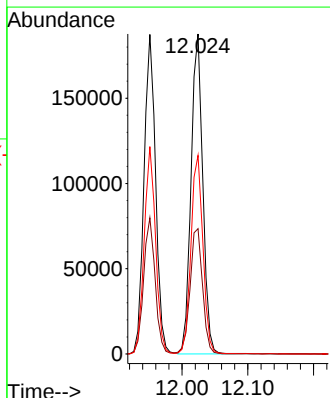
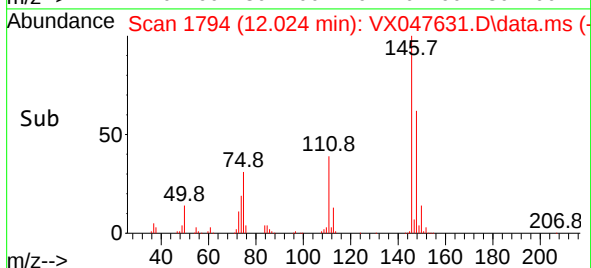
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

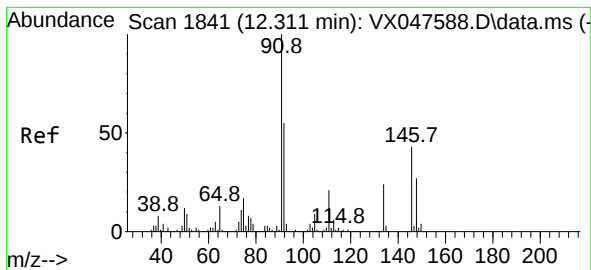


#88
1,4-Dichlorobenzene
Concen: 47.257 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30



Tgt Ion:146 Resp: 231259
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.4
148 63.6 31.7 95.1





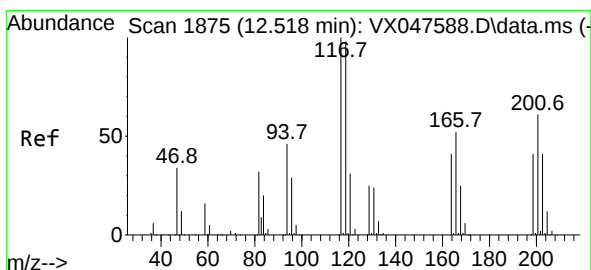
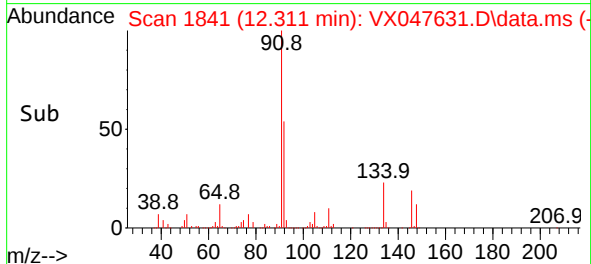
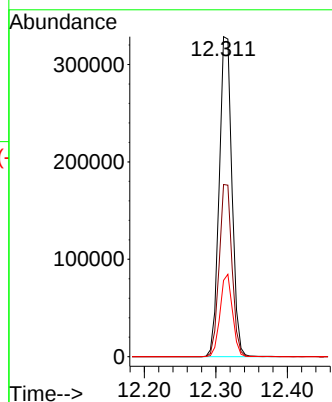
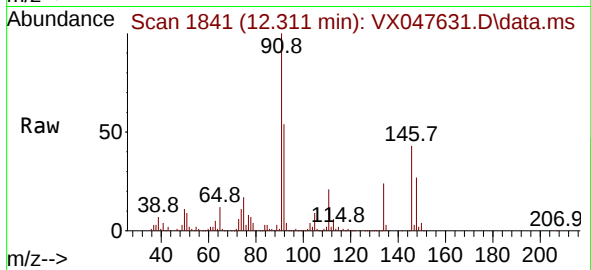
#89
n-Butylbenzene
Concen: 49.801 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 406198
Ion Ratio Lower Upper
91 100
92 54.1 27.6 82.7
134 25.1 12.6 37.8

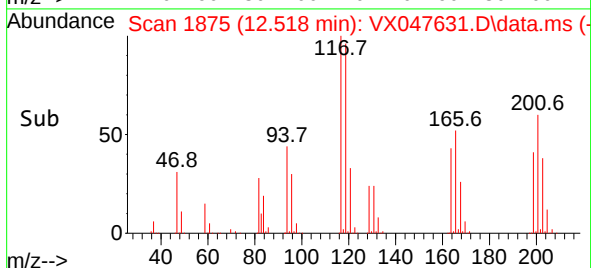
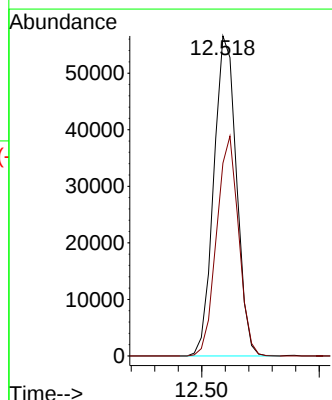
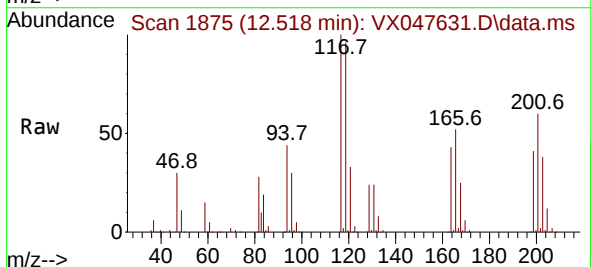
Manual Integrations
APPROVED

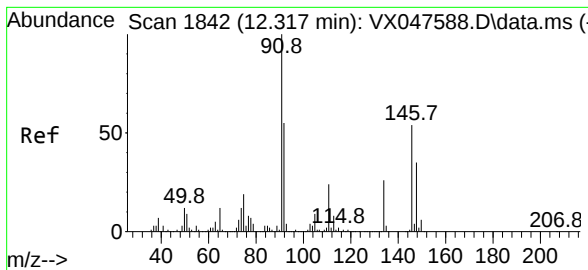
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#90
Hexachloroethane
Concen: 49.103 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

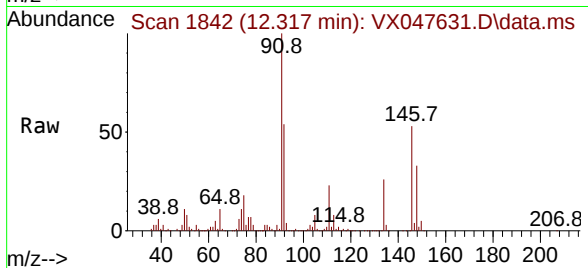
Tgt Ion:117 Resp: 75994
Ion Ratio Lower Upper
117 100
201 66.7 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 48.892 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

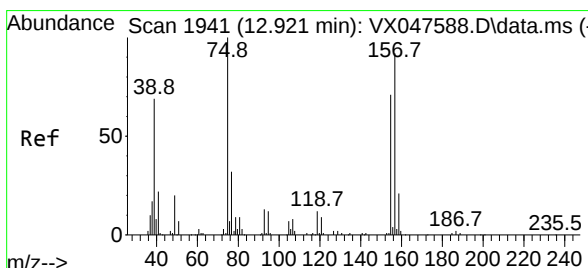
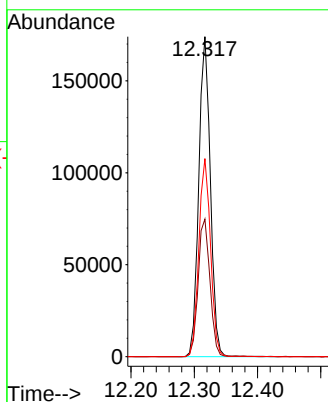
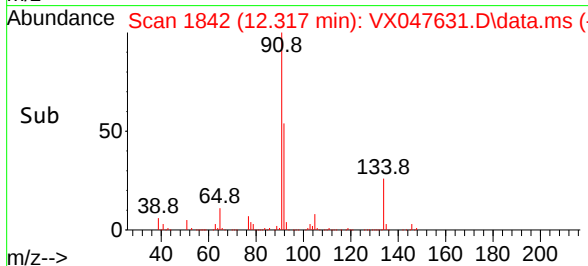
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 222095
Ion Ratio Lower Upper
146 100
111 43.9 22.2 66.6
148 62.8 31.8 95.4

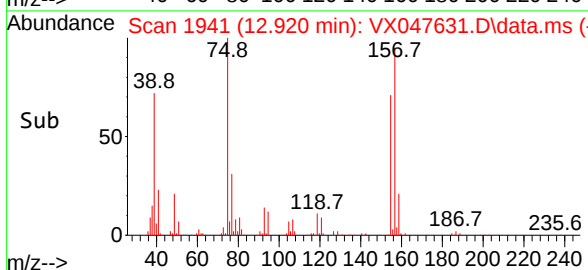
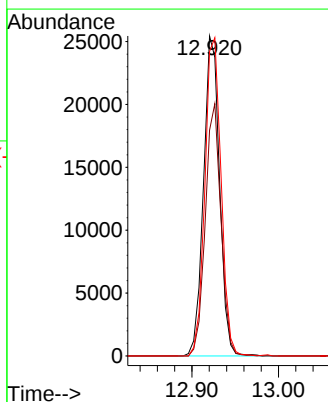
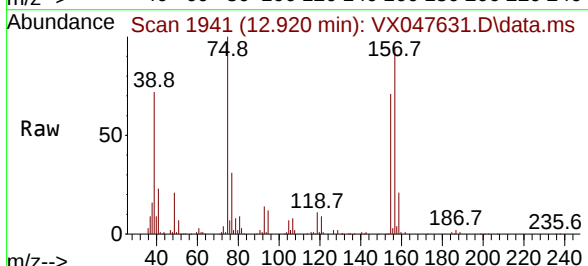
Manual Integrations
APPROVED

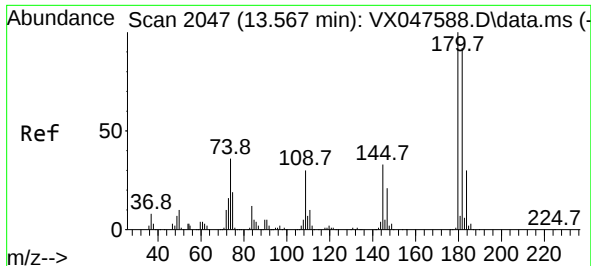
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.214 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

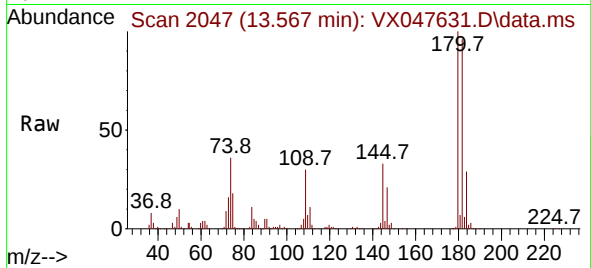
Tgt Ion: 75 Resp: 32697
Ion Ratio Lower Upper
75 100
155 77.2 37.7 113.1
157 100.4 49.8 149.4





#93
1,2,4-Trichlorobenzene
Concen: 49.362 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30

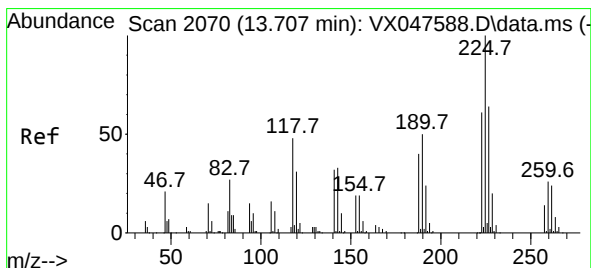
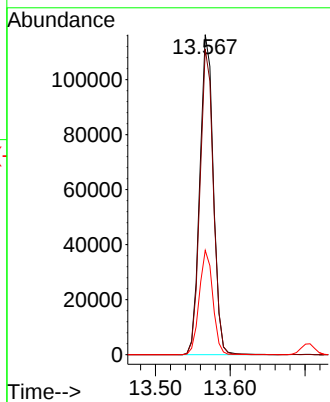
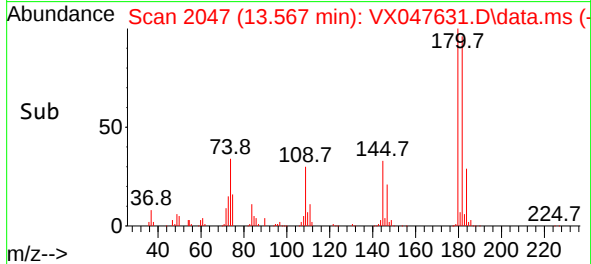
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



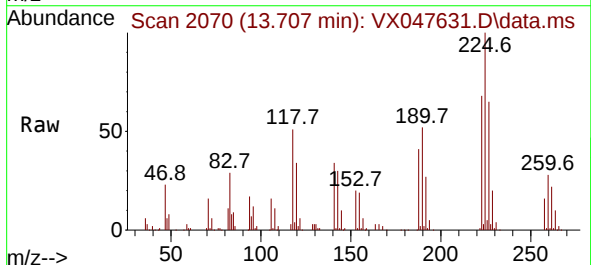
Tgt Ion:180 Resp: 145730
Ion Ratio Lower Upper
180 100
182 94.8 46.6 139.8
145 32.7 16.4 49.1

Manual Integrations
APPROVED

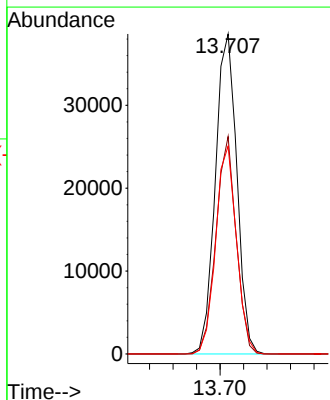
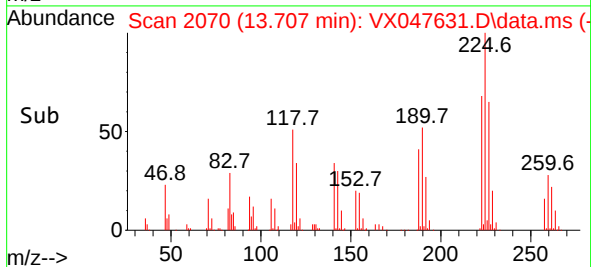
Reviewed By :John Carlone 09/19/2025
Supervised By :Mahesh Dadoda 09/19/2025

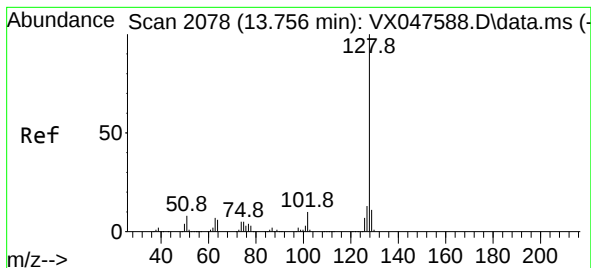


#94
Hexachlorobutadiene
Concen: 48.949 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047631.D
Acq: 18 Sep 2025 11:30



Tgt Ion:225 Resp: 49085
Ion Ratio Lower Upper
225 100
223 63.7 31.7 95.1
227 62.9 32.0 96.0





#95

Naphthalene

Concen: 50.475 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 453760

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

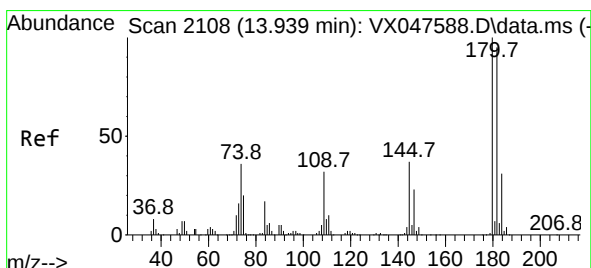
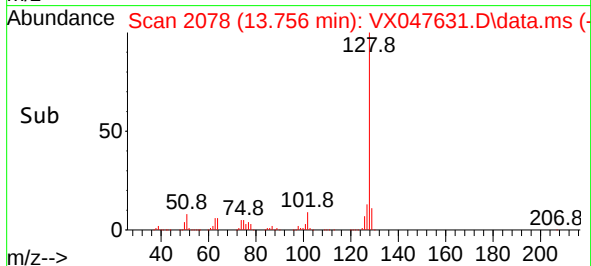
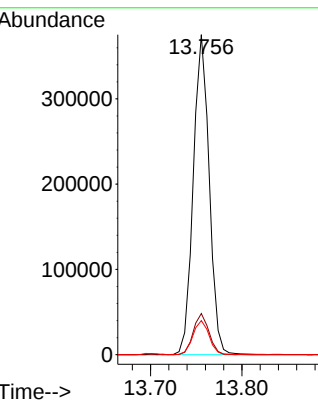
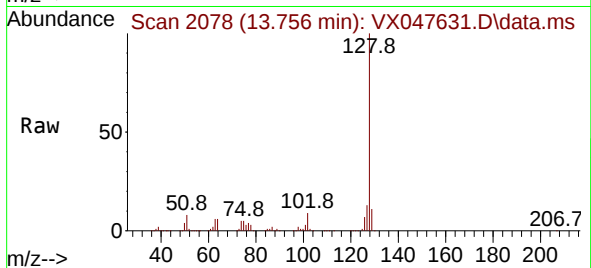
129 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/19/2025

Supervised By :Mahesh Dadoda 09/19/2025



#96

1,2,3-Trichlorobenzene

Concen: 48.993 ug/l

RT: 13.938 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX047631.D

Acq: 18 Sep 2025 11:30

Tgt Ion:180 Resp: 134546

Ion Ratio Lower Upper

180 100

182 94.2 47.6 142.8

145 35.2 17.9 53.7

