

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047823.D
 Acq On : 25 Sep 2025 19:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 26 01:35:47 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 09/26/2025
 Supervised By : Mahesh Dadoda 09/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	138162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	250600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	227187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	111205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106288	48.331	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.660%		
35) Dibromofluoromethane	5.373	113	84043	50.006	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.020%		
50) Toluene-d8	8.635	98	286276	49.227	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.460%		
62) 4-Bromofluorobenzene	11.061	95	107976	48.923	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.840%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	78791	55.072	ug/l	97
3) Chloromethane	1.301	50	97505	51.856	ug/l	98
4) Vinyl Chloride	1.380	62	98804	53.680	ug/l	100
5) Bromomethane	1.618	94	65791	56.368	ug/l	95
6) Chloroethane	1.697	64	64638	52.542	ug/l	99
7) Trichlorofluoromethane	1.898	101	139775	51.144	ug/l	100
8) Diethyl Ether	2.136	74	58834	52.626	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	80435	50.334	ug/l	100
10) Methyl Iodide	2.459	142	123956	49.736	ug/l	99
11) Tert butyl alcohol	2.947	59	60006	244.991	ug/l	99
12) 1,1-Dichloroethene	2.325	96	84395	51.413	ug/l	96
13) Acrolein	2.239	56	52407	232.189	ug/l	100
14) Allyl chloride	2.666	41	162575	47.995	ug/l	96
15) Acrylonitrile	3.062	53	263719	290.682	ug/l	98
16) Acetone	2.374	43	203713	213.041	ug/l	97
17) Carbon Disulfide	2.520	76	230212	51.229	ug/l	98
18) Methyl Acetate	2.703	43	123868	58.207	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	313200	52.268	ug/l	98
20) Methylene Chloride	2.788	84	105012	51.882	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	92382	52.273	ug/l	97
22) Diisopropyl ether	3.751	45	345715	52.663	ug/l #	82
23) Vinyl Acetate	3.715	43	1417612	269.815	ug/l	100
24) 1,1-Dichloroethane	3.605	63	181568	52.037	ug/l	98
25) 2-Butanone	4.544	43	315750	264.723	ug/l	99
26) 2,2-Dichloropropane	4.471	77	106096	36.580	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	113745	52.554	ug/l	96
28) Bromochloromethane	4.891	49	83565	54.859	ug/l	98
29) Tetrahydrofuran	4.995	42	205239	286.033	ug/l	99
30) Chloroform	5.086	83	187196	53.091	ug/l	99
31) Cyclohexane	5.464	56	140528	48.357	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	153431	51.302	ug/l	99
36) 1,1-Dichloropropene	5.684	75	116951	47.622	ug/l	97
37) Ethyl Acetate	4.702	43	135472	51.520	ug/l	99
38) Carbon Tetrachloride	5.666	117	130043	48.736	ug/l	96
39) Methylcyclohexane	7.367	83	132095	47.385	ug/l	97
40) Benzene	6.025	78	385239	51.647	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.904	41	73804	54.368	ug/l	98
42) 1,2-Dichloroethane	6.074	62	141902	50.000	ug/l	98
43) Isopropyl Acetate	6.324	43	226994	52.636	ug/l	99
44) Trichloroethene	7.110	130	92646	51.375	ug/l	99
45) 1,2-Dichloropropane	7.415	63	100953	52.856	ug/l	99
46) Dibromomethane	7.568	93	73360	52.781	ug/l	97
47) Bromodichloromethane	7.805	83	149506	52.127	ug/l	97
48) Methyl methacrylate	7.677	41	114802	53.443	ug/l	98
49) 1,4-Dioxane	7.647	88	28611	1317.923	ug/l	98
51) 4-Methyl-2-Pentanone	8.555	43	677366	283.290	ug/l	100
52) Toluene	8.702	92	239352	52.084	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	143852	49.172	ug/l	99
54) cis-1,3-Dichloropropene	8.354	75	157052	50.226	ug/l	97
55) 1,1,2-Trichloroethane	9.135	97	96381	54.391	ug/l	98
56) Ethyl methacrylate	9.104	69	151863	54.571	ug/l	97
57) 1,3-Dichloropropane	9.293	76	166293	54.630	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.226	63	365599	273.260	ug/l	99
59) 2-Hexanone	9.415	43	472466	275.126	ug/l	99
60) Dibromochloromethane	9.506	129	111334	54.529	ug/l	100
61) 1,2-Dibromoethane	9.592	107	100762	55.828	ug/l	99
64) Tetrachloroethene	9.256	164	74213	50.109	ug/l	97
65) Chlorobenzene	10.061	112	264716	51.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.147	131	92643	52.017	ug/l	99
67) Ethyl Benzene	10.177	91	454152	50.998	ug/l	100
68) m/p-Xylenes	10.287	106	339855	102.531	ug/l	97
69) o-Xylene	10.622	106	166533	51.944	ug/l	97
70) Styrene	10.640	104	290866	51.778	ug/l	98
71) Bromoform	10.781	173	72491	54.510	ug/l #	97
73) Isopropylbenzene	10.945	105	418008	49.442	ug/l	99
74) N-amyl acetate	10.829	43	199899	51.849	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	137858	53.895	ug/l	99
76) 1,2,3-Trichloropropane	11.220	75	105136m	46.695	ug/l	
77) Bromobenzene	11.183	156	105313	50.576	ug/l	98
78) n-propylbenzene	11.287	91	496726	49.701	ug/l	99
79) 2-Chlorotoluene	11.348	91	301415	49.240	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	345119	49.685	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	38514	43.621	ug/l	98
82) 4-Chlorotoluene	11.439	91	356913	49.368	ug/l	99
83) tert-Butylbenzene	11.695	119	346541	48.736	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	350492	49.770	ug/l	99
85) sec-Butylbenzene	11.872	105	416534	49.318	ug/l	100
86) p-Isopropyltoluene	11.988	119	349248	48.843	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	192298	49.719	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	195390	49.222	ug/l	99
89) n-Butylbenzene	12.311	91	317918	48.051	ug/l	99
90) Hexachloroethane	12.518	117	62532	49.811	ug/l	98
91) 1,2-Dichlorobenzene	12.317	146	188283	51.098	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	26392	50.962	ug/l	94
93) 1,2,4-Trichlorobenzene	13.567	180	116183	48.516	ug/l	98
94) Hexachlorobutadiene	13.707	225	38133	46.880	ug/l	99
95) Naphthalene	13.756	128	379925	52.100	ug/l	100
96) 1,2,3-Trichlorobenzene	13.939	180	113155	50.796	ug/l	99

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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

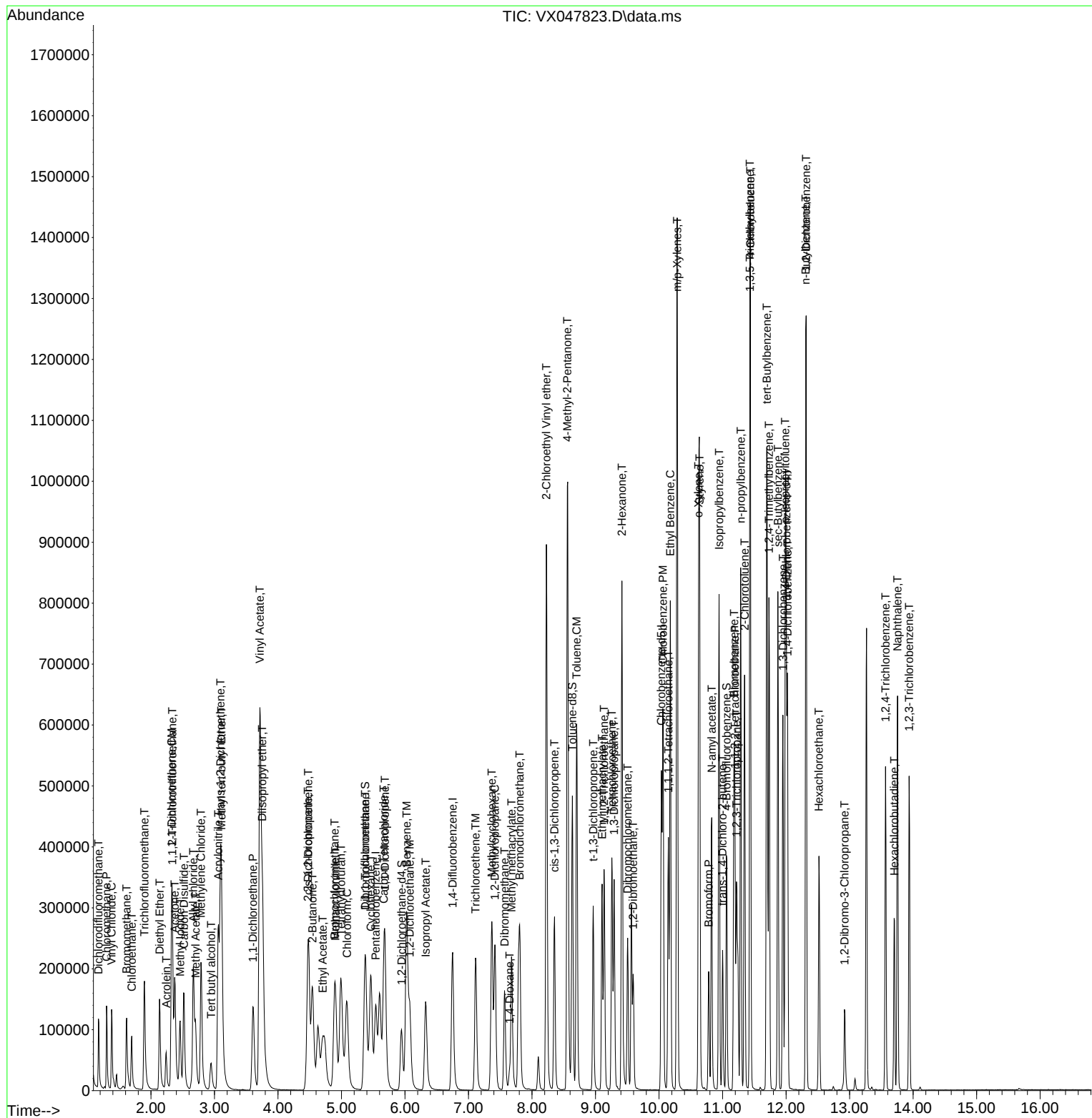
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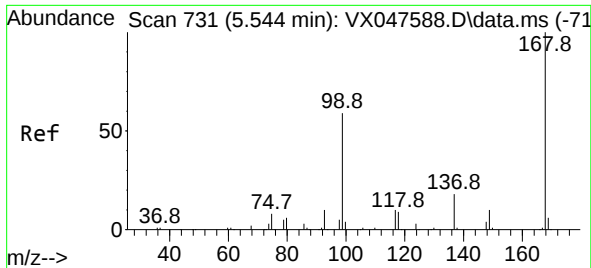
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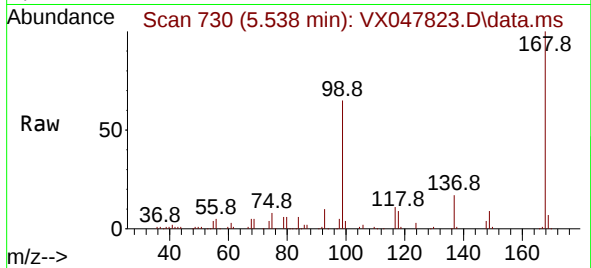
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
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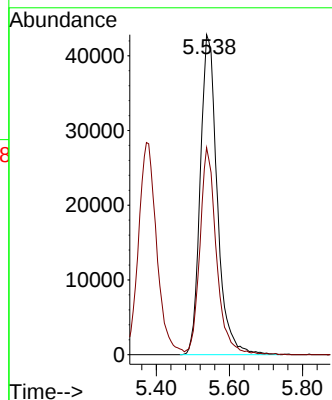
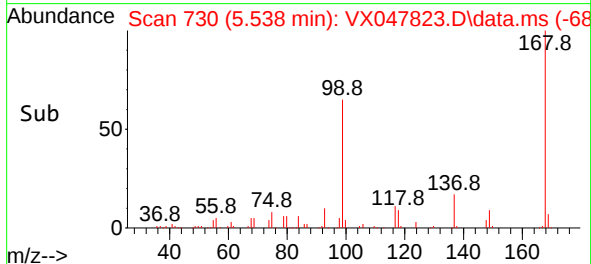
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 13816
Ion Ratio Lower Upper
168 100
99 64.5 48.8 73.2

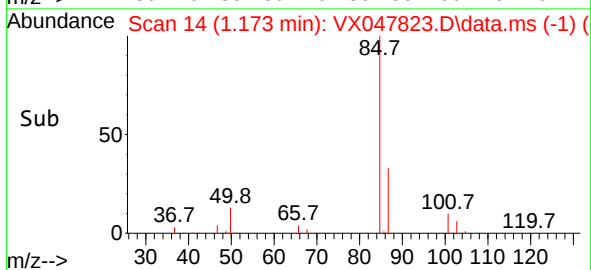
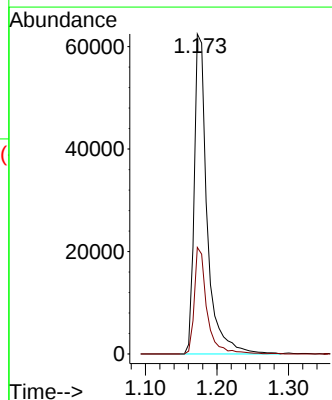
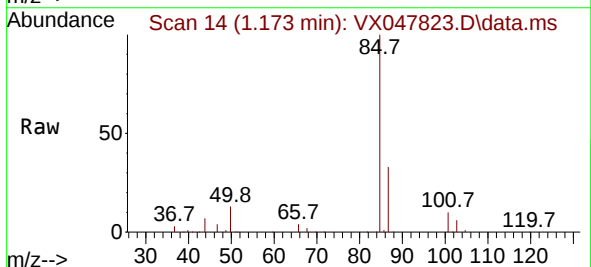
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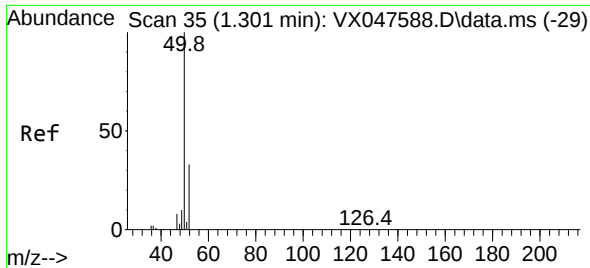
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#2
Dichlorodifluoromethane
Concen: 55.072 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 85 Resp: 78791
Ion Ratio Lower Upper
85 100
87 33.3 15.8 47.3





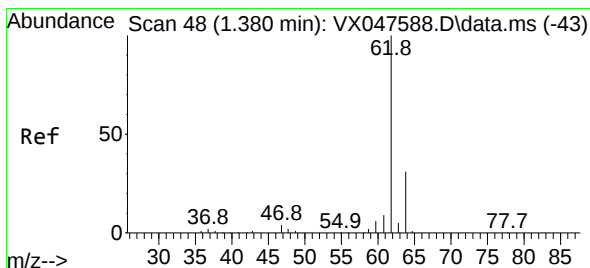
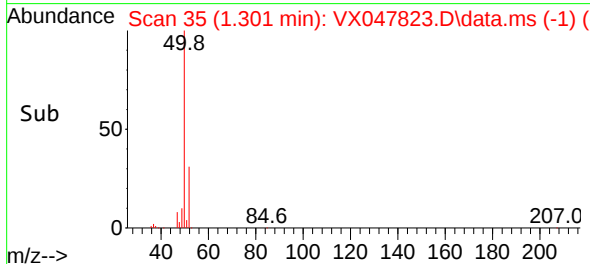
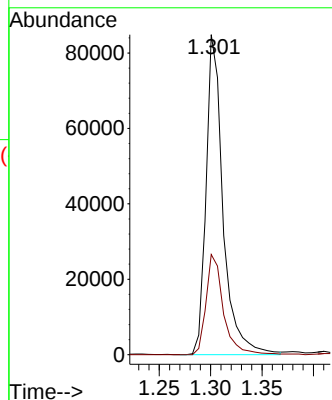
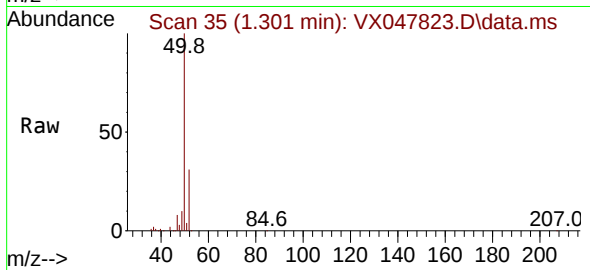
#3
Chloromethane
Concen: 51.856 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047823.D
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VSTDCCC050EC

Tgt Ion: 50 Resp: 9750
Ion Ratio Lower Upper
50 100
52 31.3 26.1 39.1

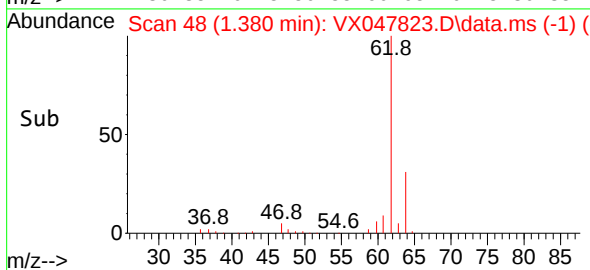
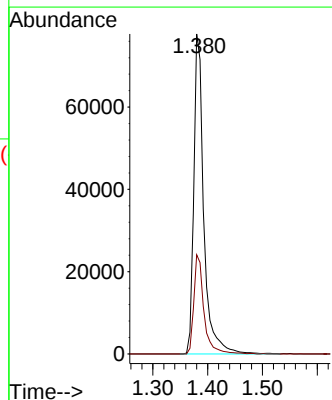
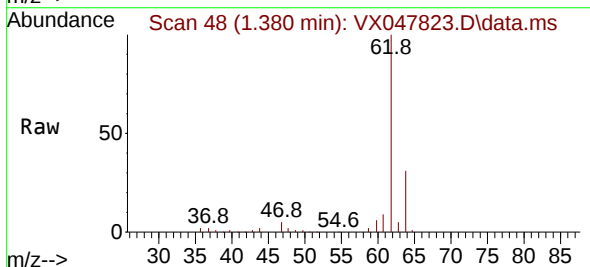
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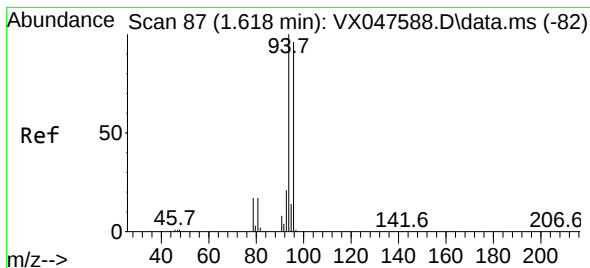
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#4
Vinyl Chloride
Concen: 53.680 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

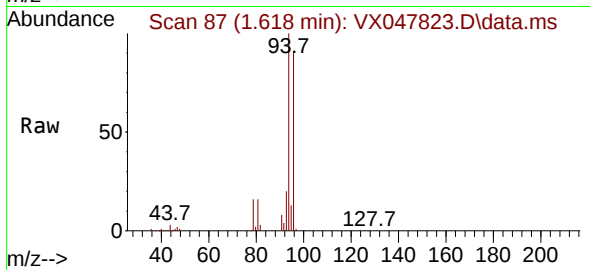
Tgt Ion: 62 Resp: 98804
Ion Ratio Lower Upper
62 100
64 31.0 24.9 37.3





#5
Bromomethane
Concen: 56.368 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

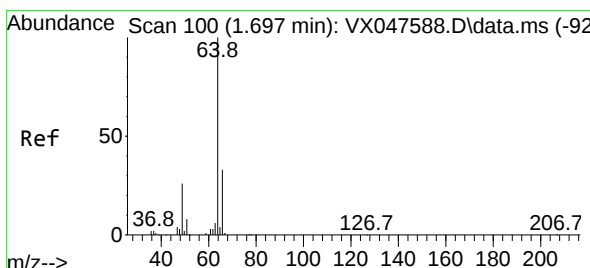
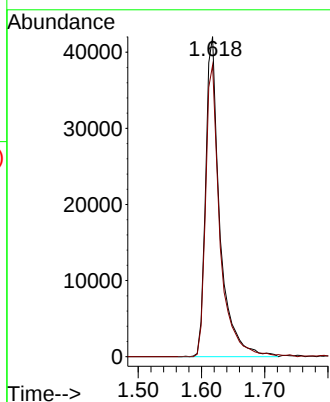
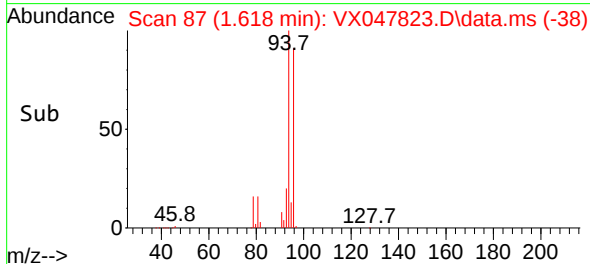
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Tgt Ion: 94 Resp: 6579
Ion Ratio Lower Upper
94 100
96 91.1 76.6 115.0

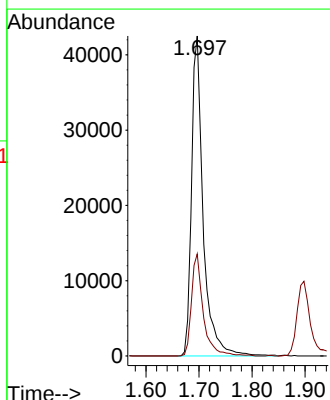
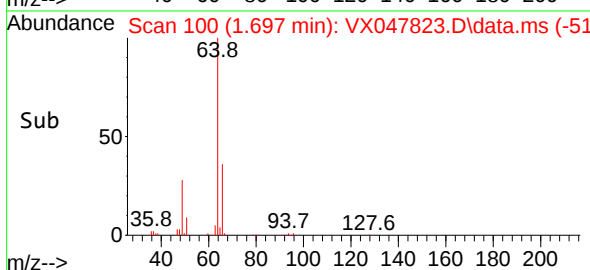
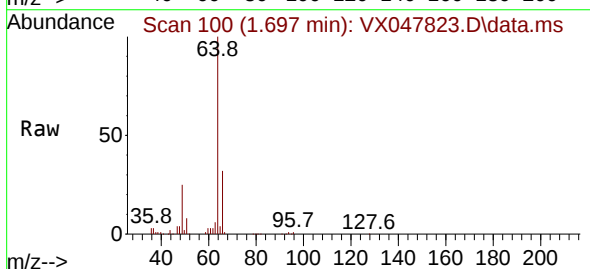
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#6
Chloroethane
Concen: 52.542 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047823.D
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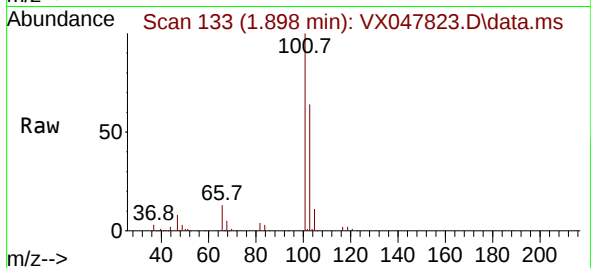
Tgt Ion: 64 Resp: 64638
Ion Ratio Lower Upper
64 100
66 31.9 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 51.144 ug/l
 RT: 1.898 min Scan# 133
 Delta R.T. -0.000 min
 Lab File: VX047823.D
 Acq: 25 Sep 2025 19:09

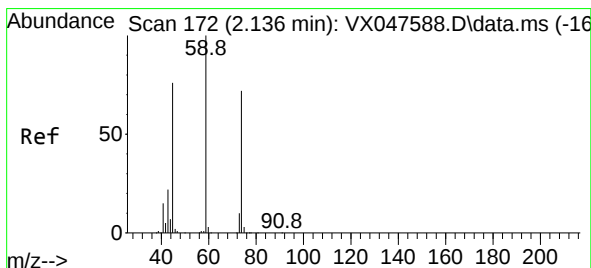
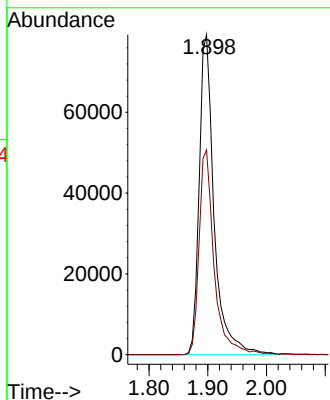
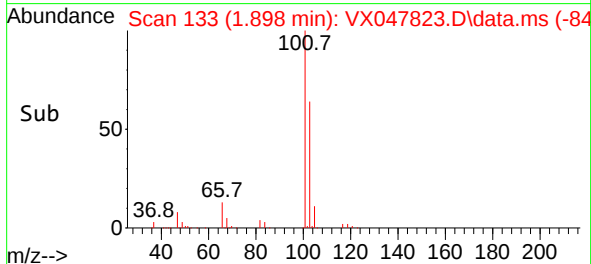
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 139775
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.4 77.2

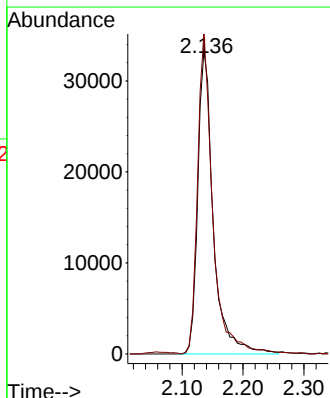
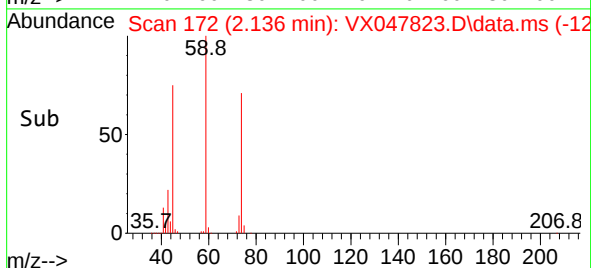
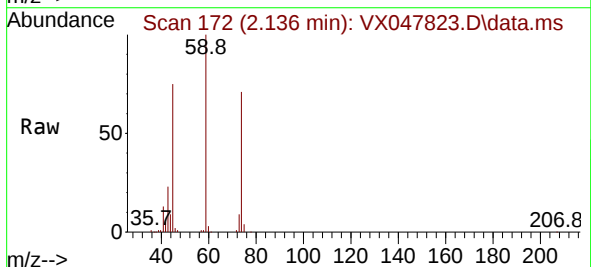
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#8
 Diethyl Ether
 Concen: 52.626 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX047823.D
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Tgt Ion: 74 Resp: 58834
 Ion Ratio Lower Upper
 74 100
 45 103.6 52.3 156.8





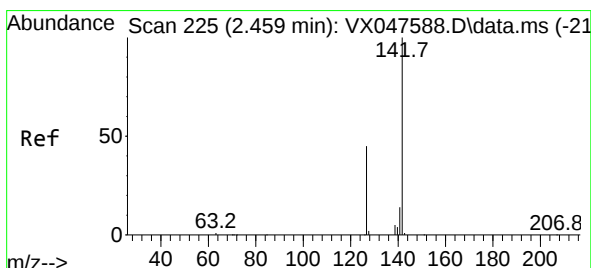
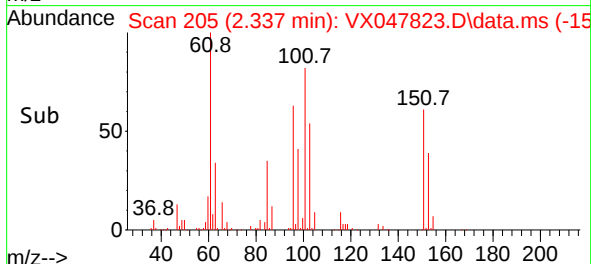
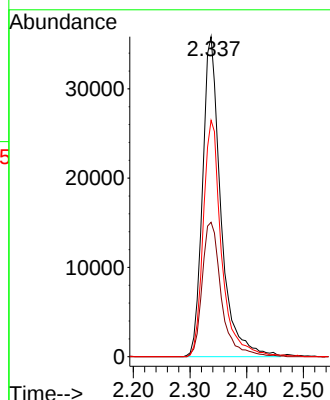
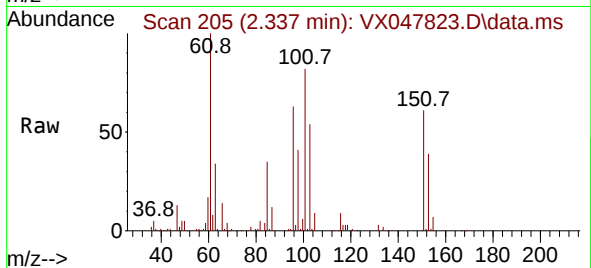
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.334 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 80435
Ion Ratio Lower Upper
101 100
85 44.1 35.5 53.3
151 74.0 59.4 89.0

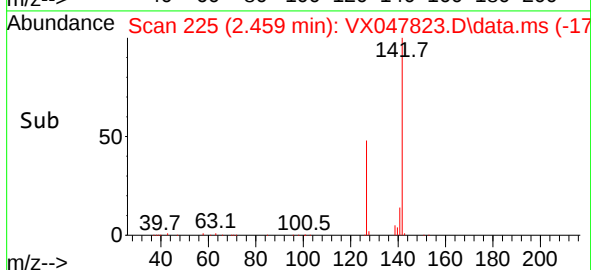
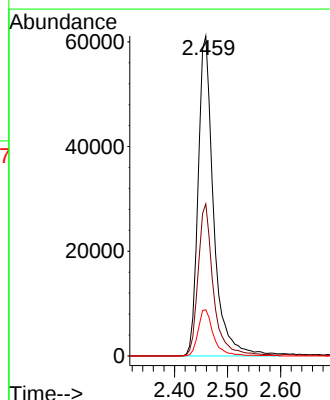
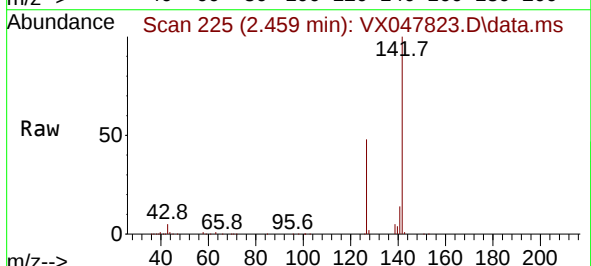
Manual Integrations
APPROVED

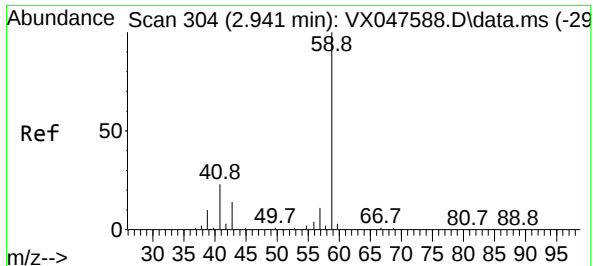
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#10
Methyl Iodide
Concen: 49.736 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:142 Resp: 123956
Ion Ratio Lower Upper
142 100
127 47.2 37.2 55.8
141 14.6 11.4 17.0





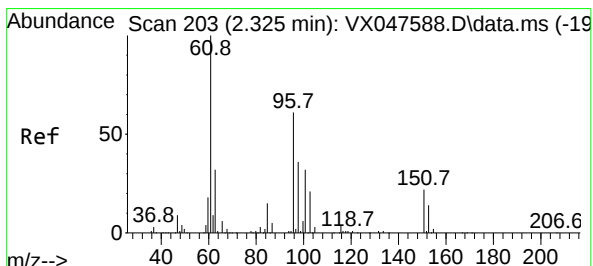
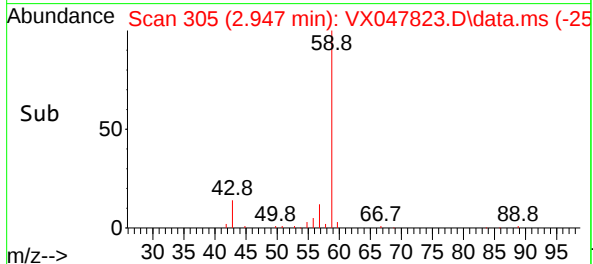
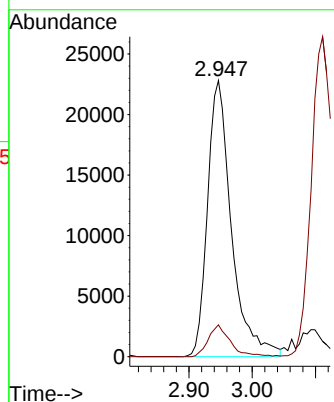
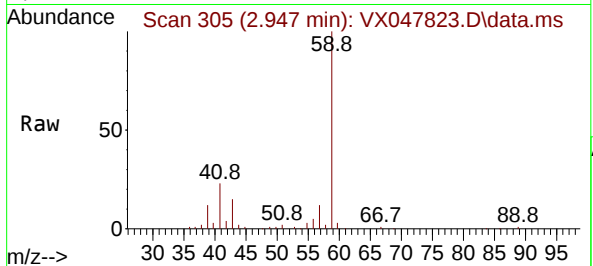
#11
Tert butyl alcohol
Concen: 244.991 ug/l
RT: 2.947 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 60000
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

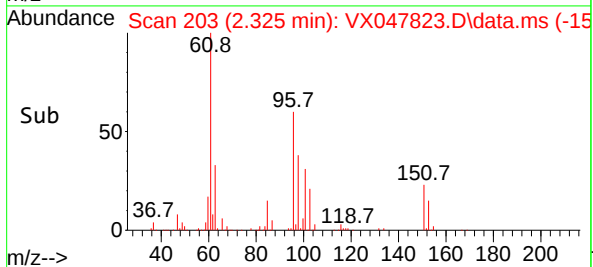
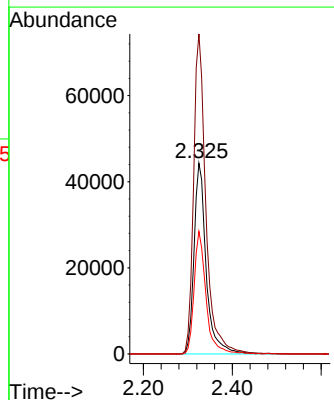
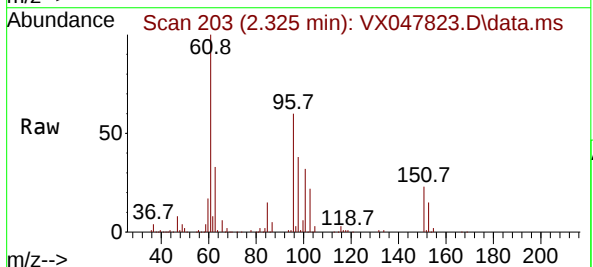
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#12
1,1-Dichloroethene
Concen: 51.413 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

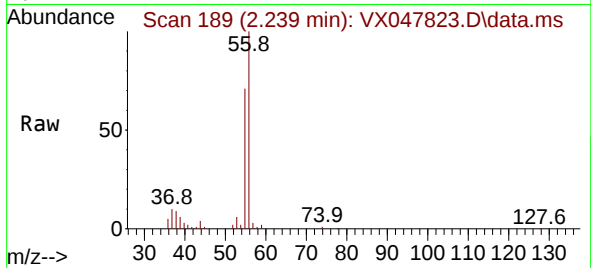
Tgt Ion: 96 Resp: 84395
Ion Ratio Lower Upper
96 100
61 167.7 131.0 196.6
98 64.3 47.7 71.5





#13
Acrolein
Concen: 232.189 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

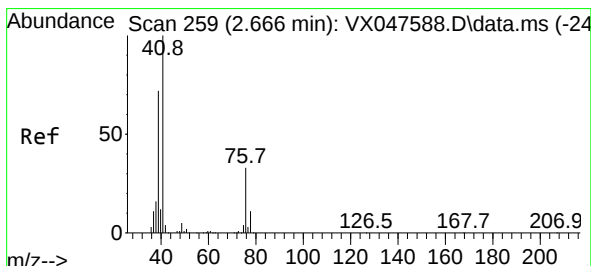
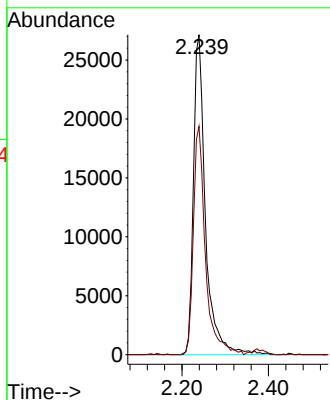
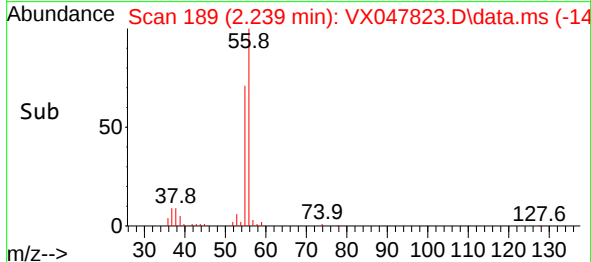
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5240
Ion Ratio Lower Upper
56 100
55 71.2 57.2 85.8

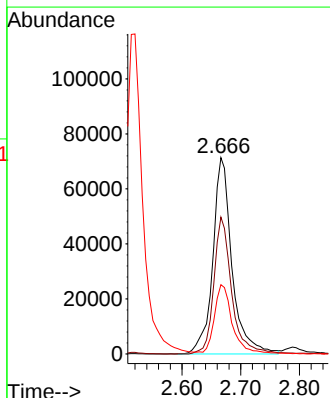
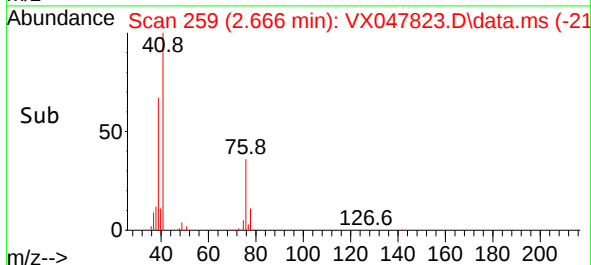
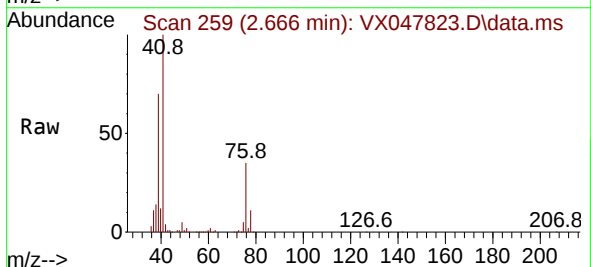
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#14
Allyl chloride
Concen: 47.995 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

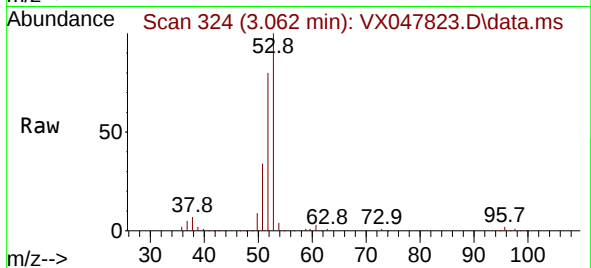
Tgt Ion: 41 Resp: 162575
Ion Ratio Lower Upper
41 100
39 64.9 54.7 82.1
76 33.3 25.7 38.5





#15
Acrylonitrile
Concen: 290.682 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

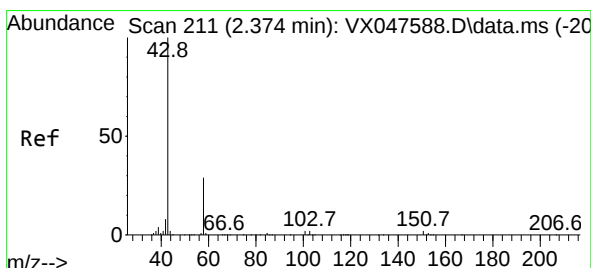
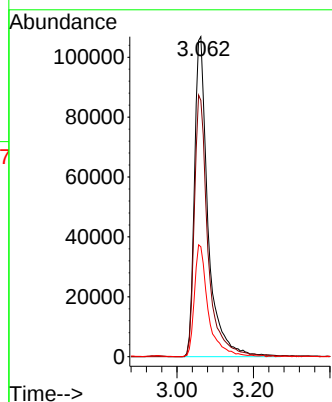
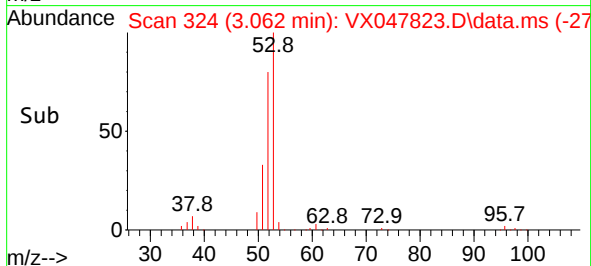
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



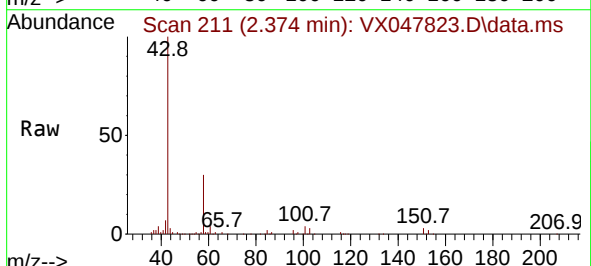
Tgt Ion: 53 Resp: 263719
Ion Ratio Lower Upper
53 100
52 81.5 66.4 99.6
51 35.7 29.5 44.3

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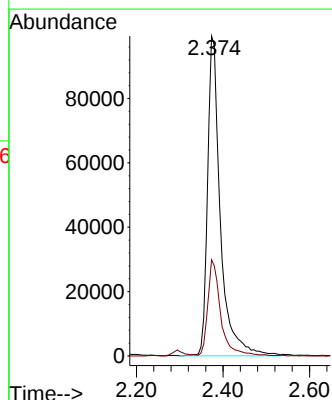
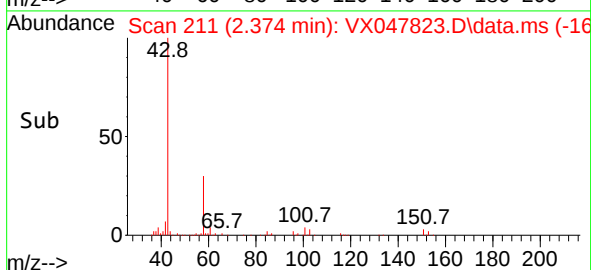
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

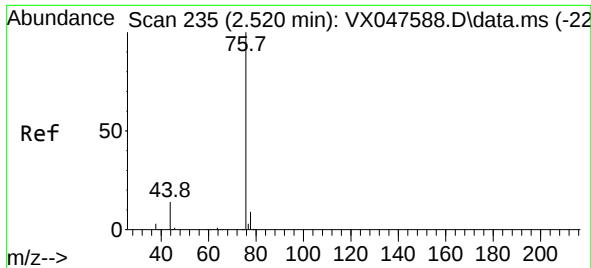


#16
Acetone
Concen: 213.041 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09



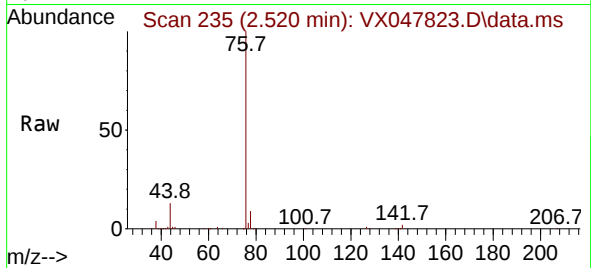
Tgt Ion: 43 Resp: 203713
Ion Ratio Lower Upper
43 100
58 30.9 23.4 35.0





#17
Carbon Disulfide
Concen: 51.229 ug/l
RT: 2.520 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

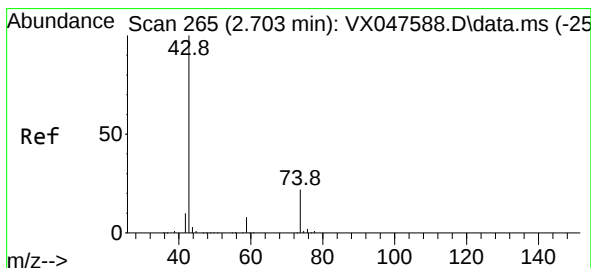
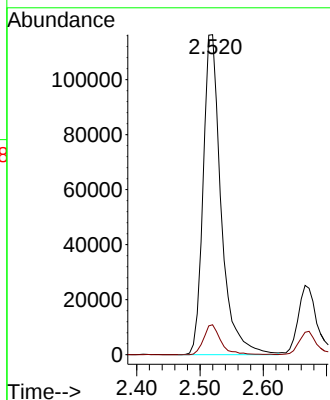
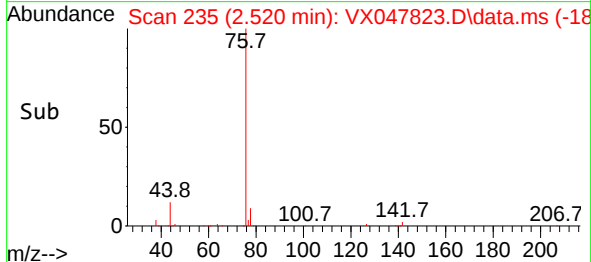
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 23021
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

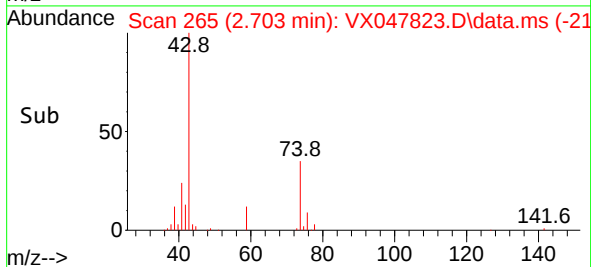
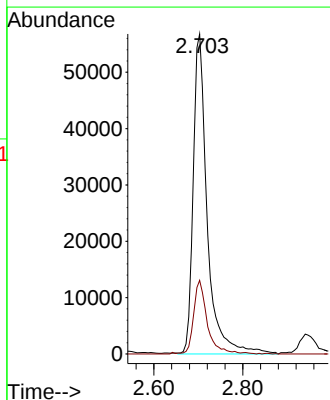
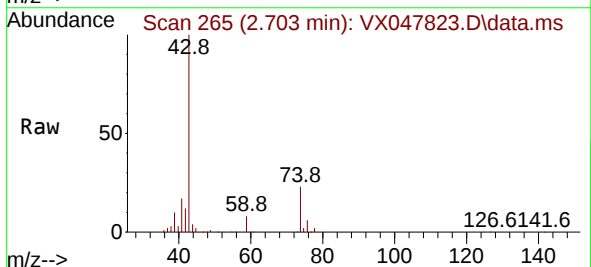
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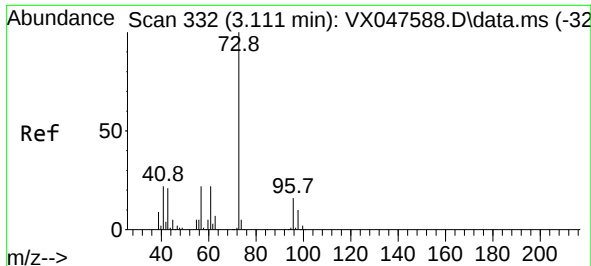
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#18
Methyl Acetate
Concen: 58.207 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

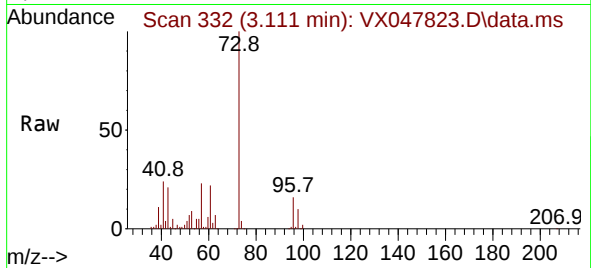
Tgt Ion: 43 Resp: 123868
Ion Ratio Lower Upper
43 100
74 21.2 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 52.268 ug/l
RT: 3.111 min Scan# 313
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

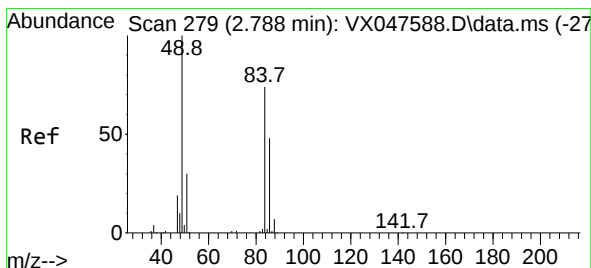
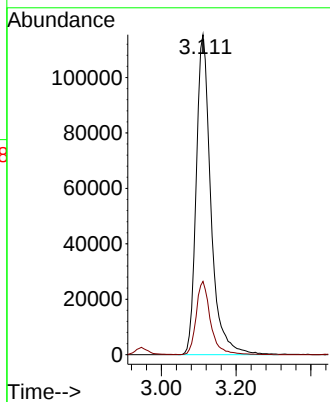
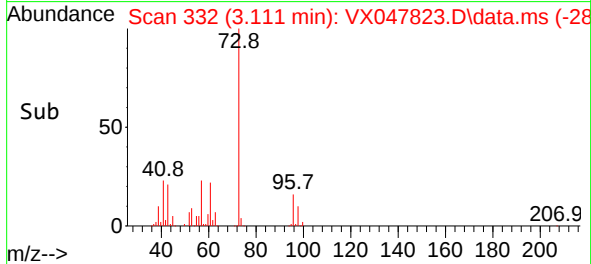
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 313200
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.2

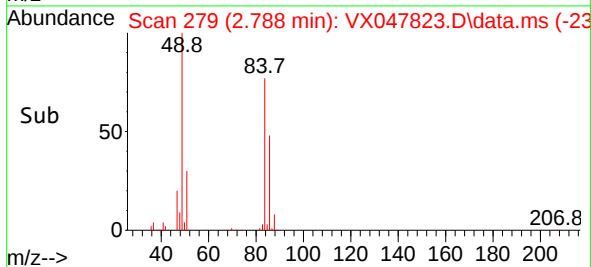
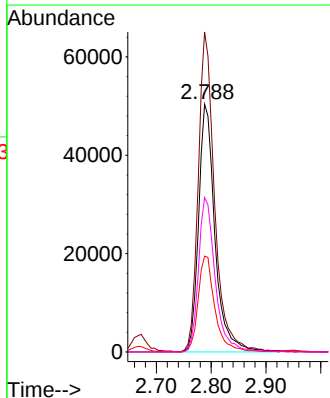
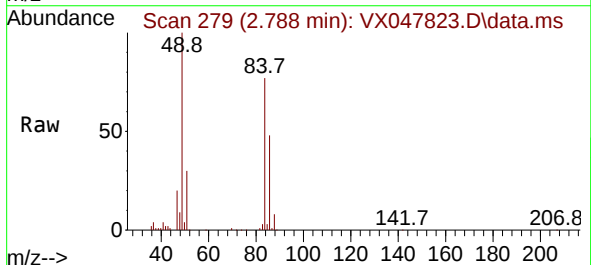
Manual Integrations
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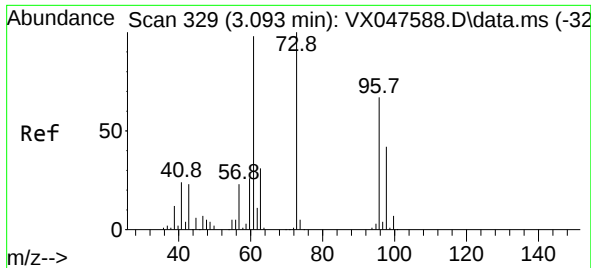
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#20
Methylene Chloride
Concen: 51.882 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 84 Resp: 105012
Ion Ratio Lower Upper
84 100
49 128.9 108.6 162.8
51 38.7 32.6 48.8
86 62.3 52.0 78.0





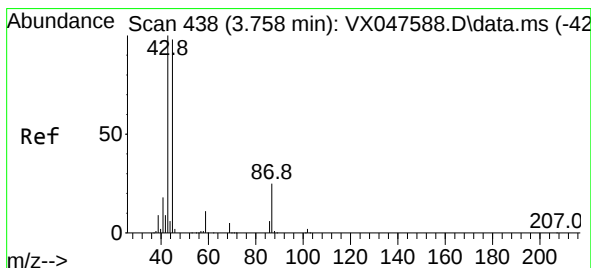
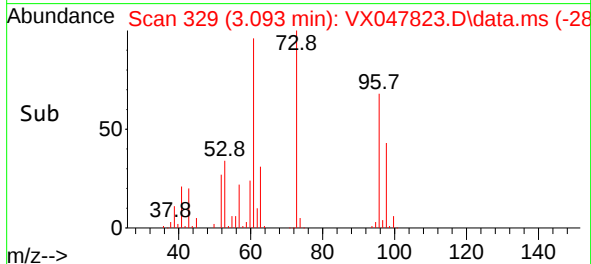
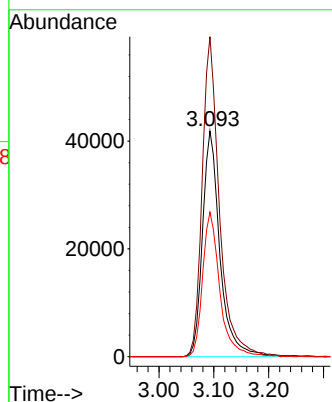
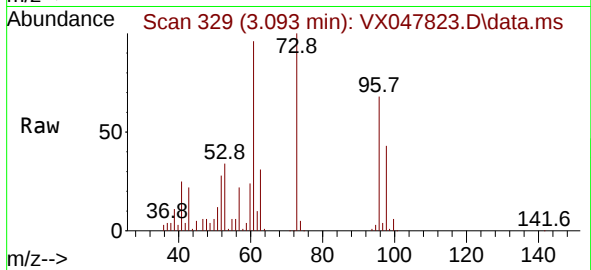
#21
trans-1,2-Dichloroethene
Concen: 52.273 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 9238
Ion Ratio Lower Upper
96 100
61 141.8 116.2 174.2
98 65.6 49.3 73.9

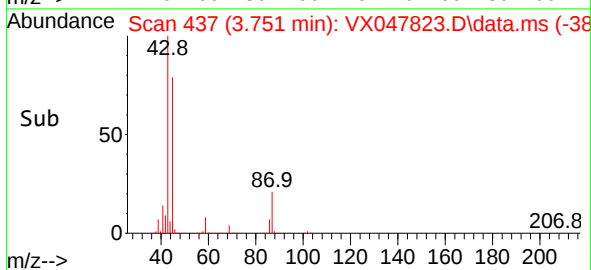
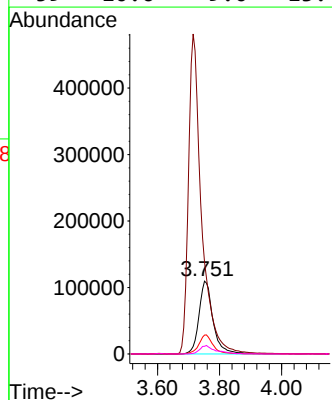
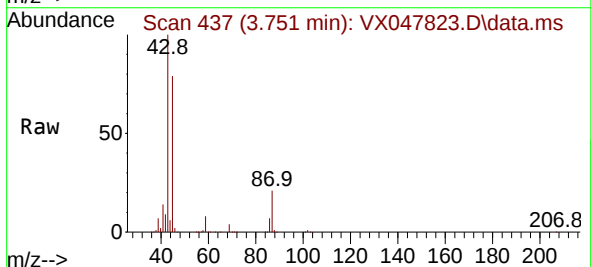
Manual Integrations
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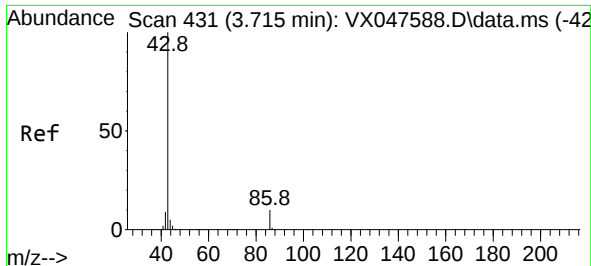
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#22
Diisopropyl ether
Concen: 52.663 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

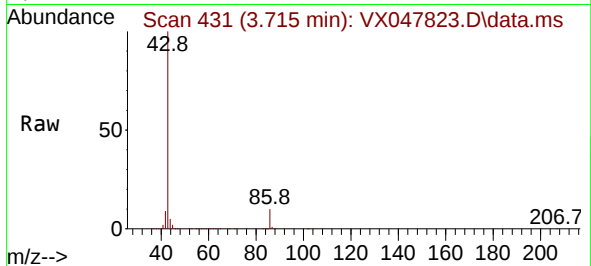
Tgt Ion: 45 Resp: 345715
Ion Ratio Lower Upper
45 100
43 125.6 81.0 121.4#
87 26.0 20.3 30.5
59 10.6 9.0 13.4





#23
 Vinyl Acetate
 Concen: 269.815 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VX047823.D
 Acq: 25 Sep 2025 19:09

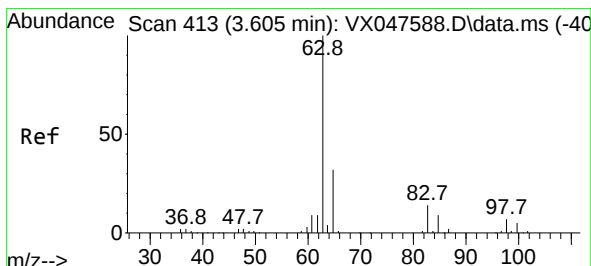
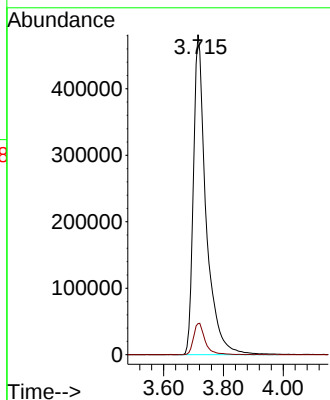
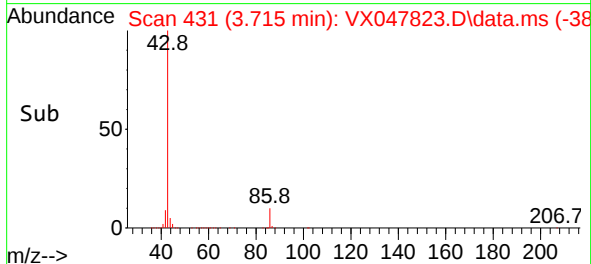
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



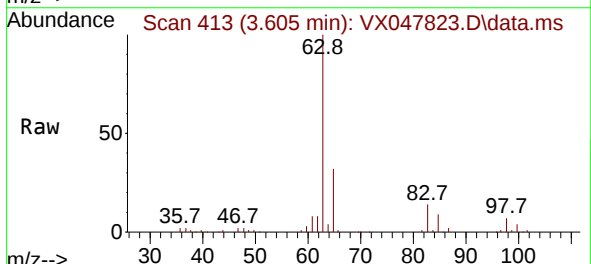
Tgt Ion: 43 Resp: 141761
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

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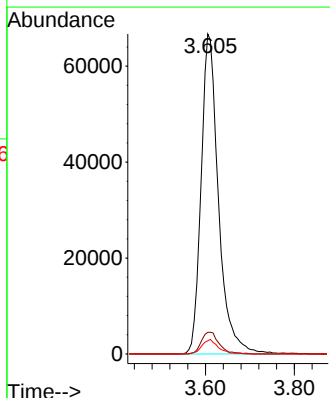
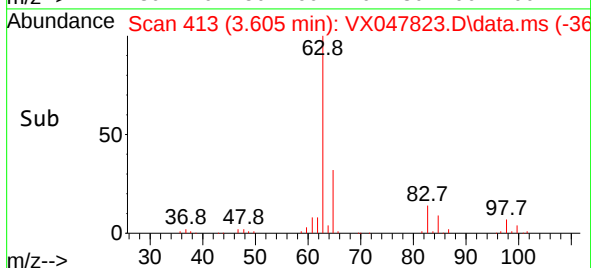
Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025

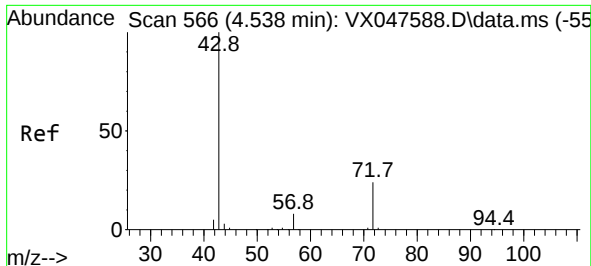


#24
 1,1-Dichloroethane
 Concen: 52.037 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX047823.D
 Acq: 25 Sep 2025 19:09



Tgt Ion: 63 Resp: 181568
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.2
 100 4.1 2.3 6.9





#25

2-Butanone

Concen: 264.723 ug/l

RT: 4.544 min Scan# 50

Delta R.T. 0.006 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 315750

Ion Ratio Lower Upper

43 100

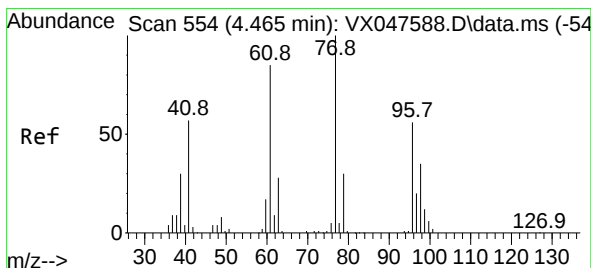
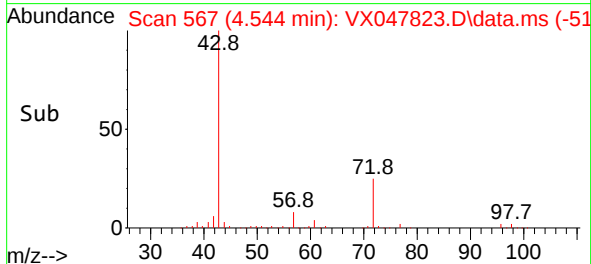
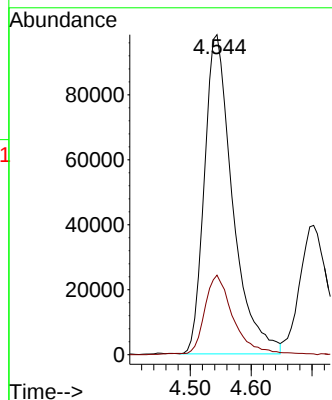
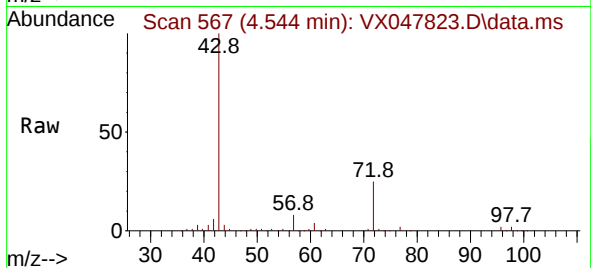
72 24.5 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#26

2,2-Dichloropropane

Concen: 36.580 ug/l

RT: 4.471 min Scan# 555

Delta R.T. 0.006 min

Lab File: VX047823.D

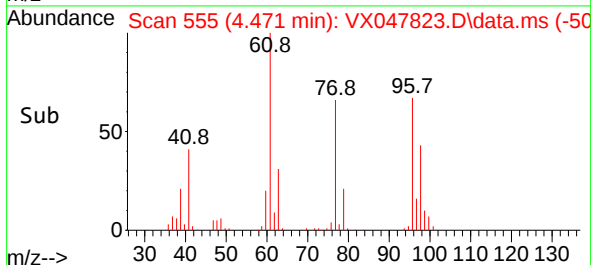
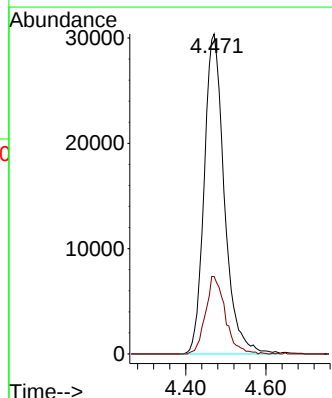
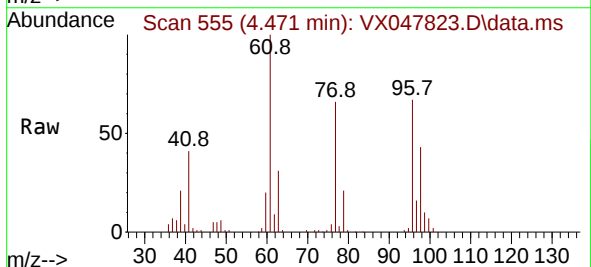
Acq: 25 Sep 2025 19:09

Tgt Ion: 77 Resp: 106096

Ion Ratio Lower Upper

77 100

97 23.7 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 52.554 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 11374

Ion Ratio Lower Upper

96 100

61 143.8 0.0 303.2

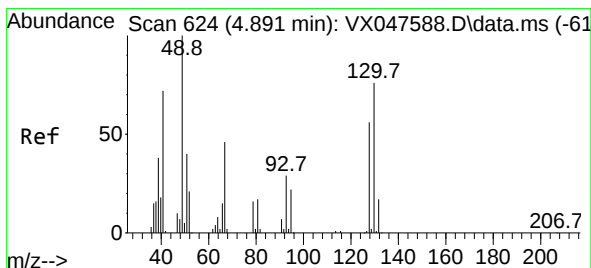
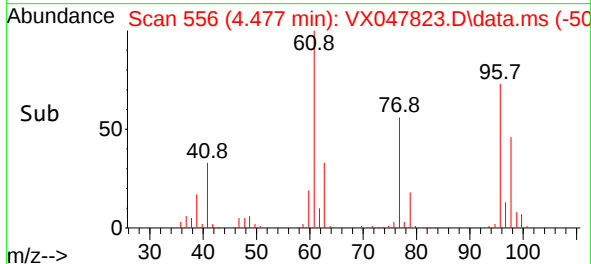
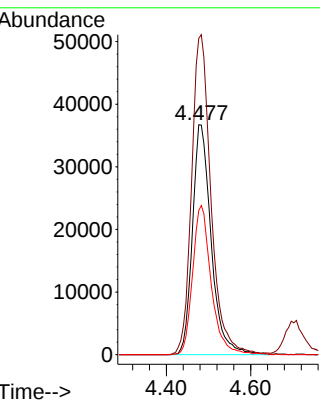
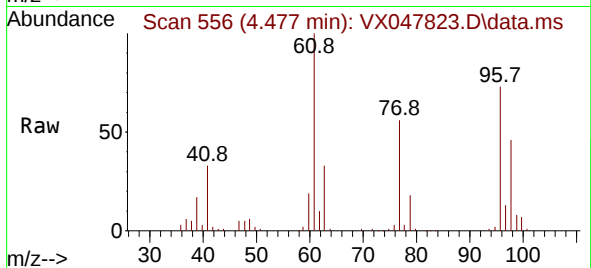
98 64.0 0.0 127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#28

Bromochloromethane

Concen: 54.859 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.000 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

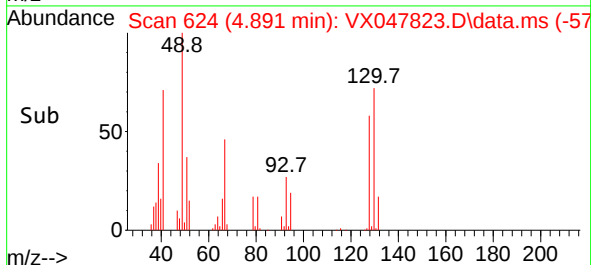
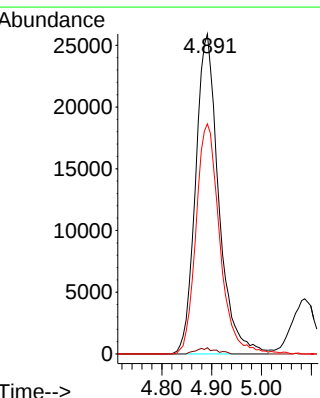
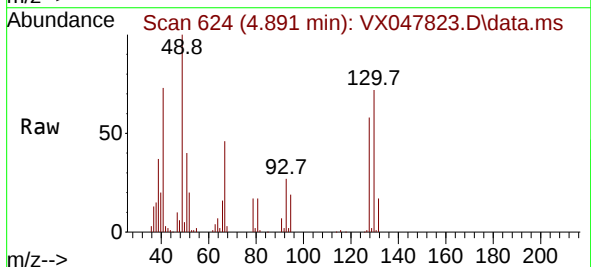
Tgt Ion: 49 Resp: 83565

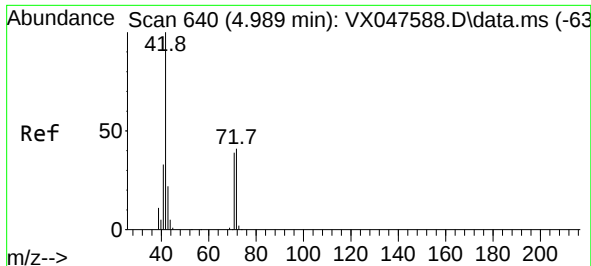
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.2

130 73.6 57.8 86.8





#29

Tetrahydrofuran

Concen: 286.033 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX047823.D

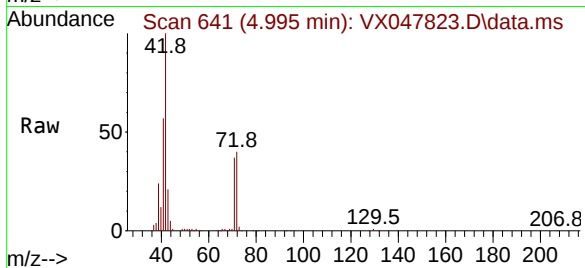
Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



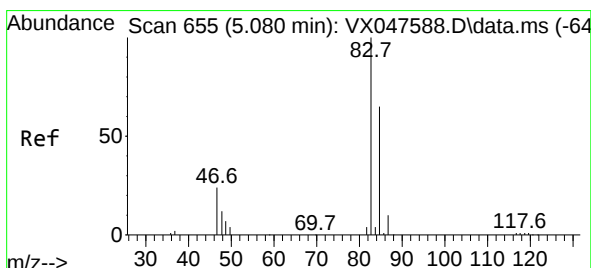
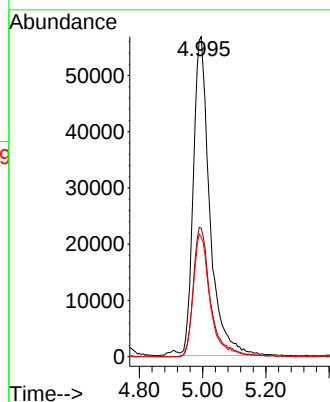
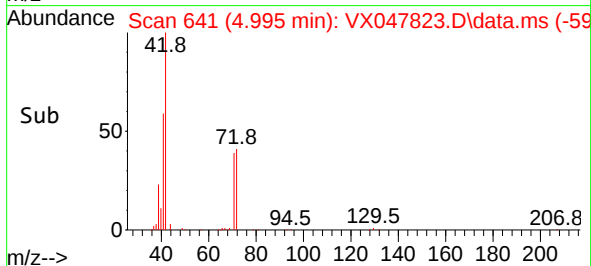
Tgt Ion:	42	Resp:	205239
Ion Ratio	Lower	Upper	
42	100		
72	42.3	34.2	51.2
71	39.5	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#30

Chloroform

Concen: 53.091 ug/l

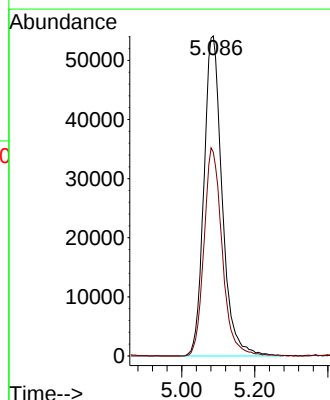
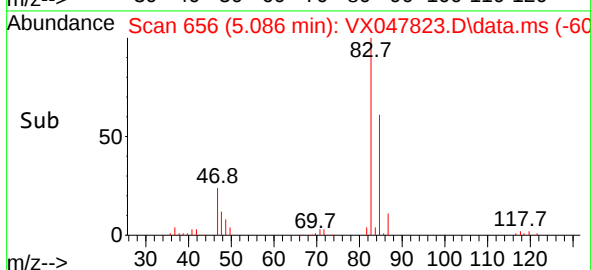
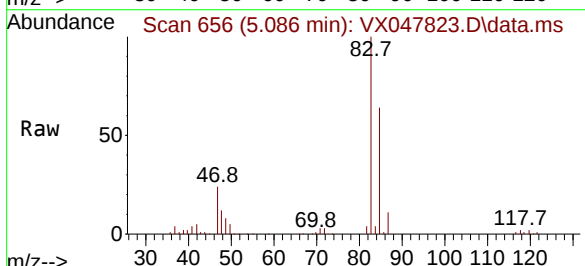
RT: 5.086 min Scan# 656

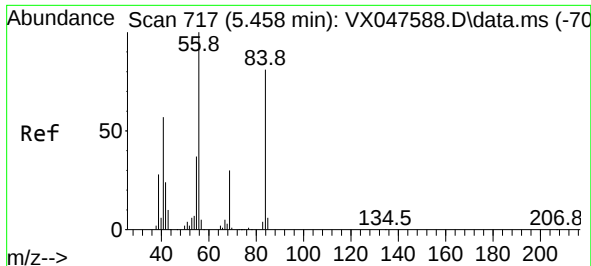
Delta R.T. 0.006 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

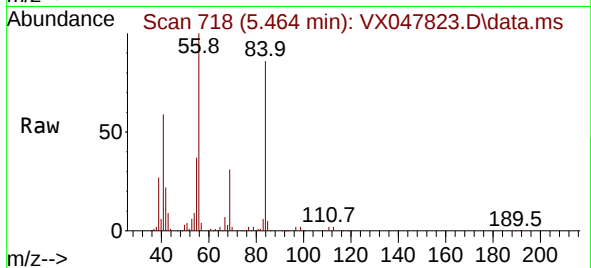
Tgt Ion:	83	Resp:	187196
Ion Ratio	Lower	Upper	
83	100		
85	63.7	51.8	77.6





#31
Cyclohexane
Concen: 48.357 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

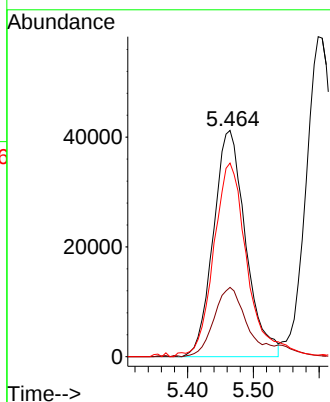
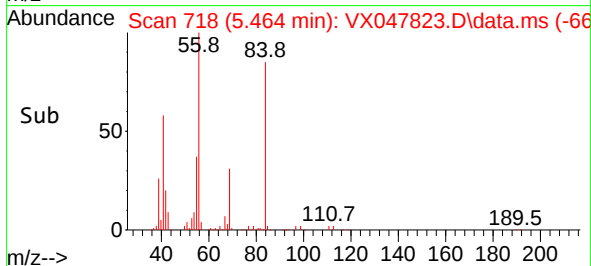
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 140528
Ion Ratio Lower Upper
56 100
69 30.3 23.8 35.8
84 84.0 64.6 97.0

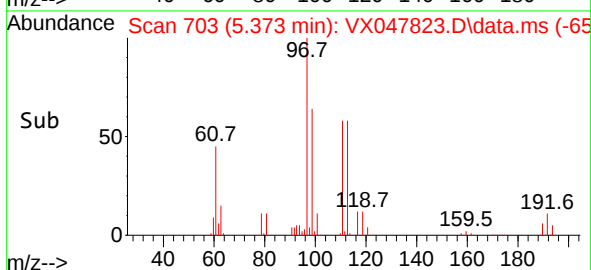
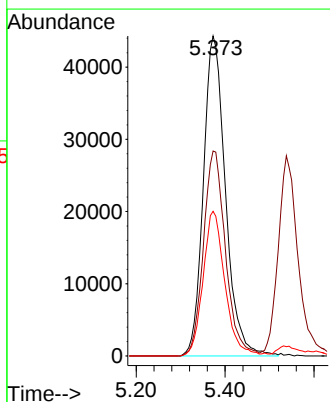
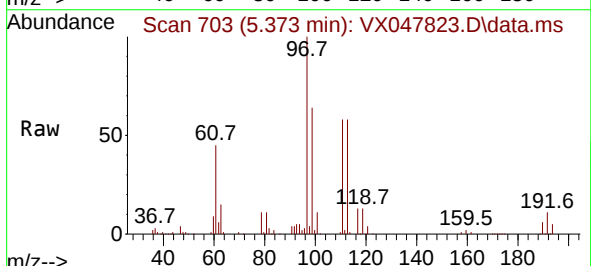
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#32
1,1,1-Trichloroethane
Concen: 51.302 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 97 Resp: 153431
Ion Ratio Lower Upper
97 100
99 63.9 50.6 76.0
61 44.6 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 48.331 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 106288

Ion Ratio Lower Upper

65 100

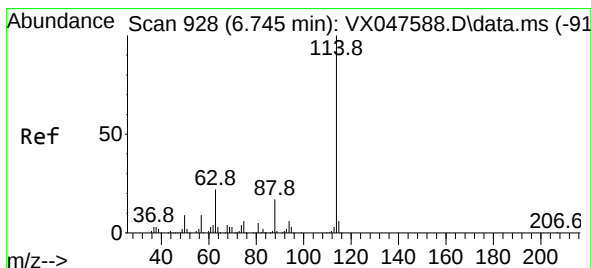
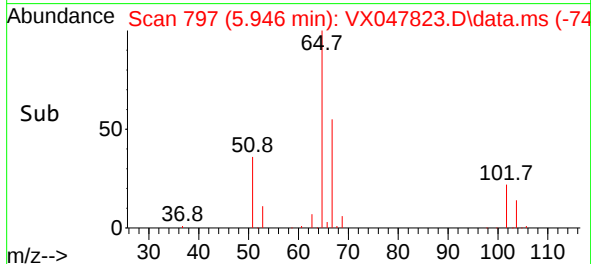
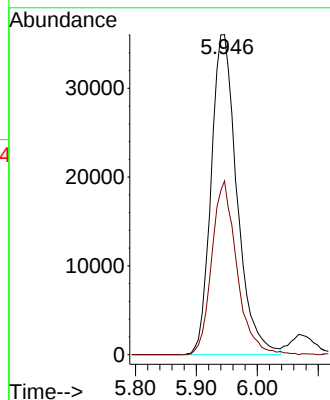
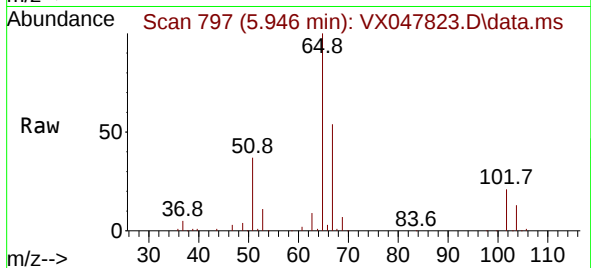
67 52.7 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

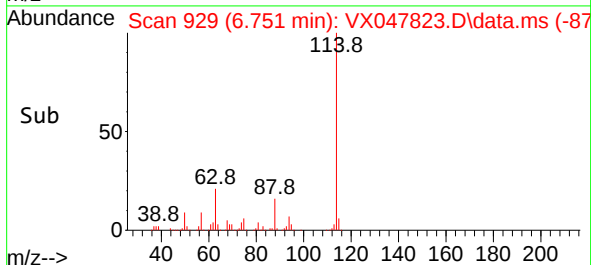
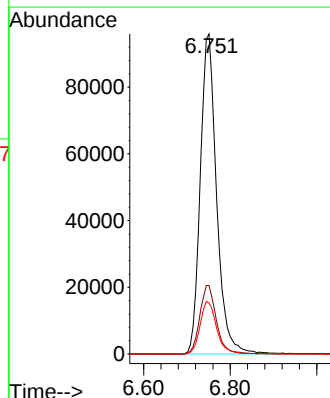
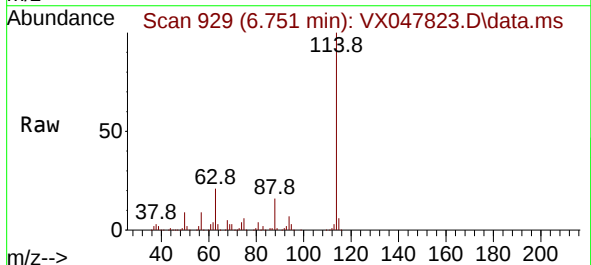
Tgt Ion:114 Resp: 250600

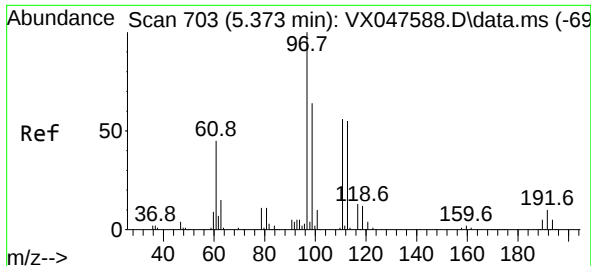
Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.0

88 16.0 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.006 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX047823.D

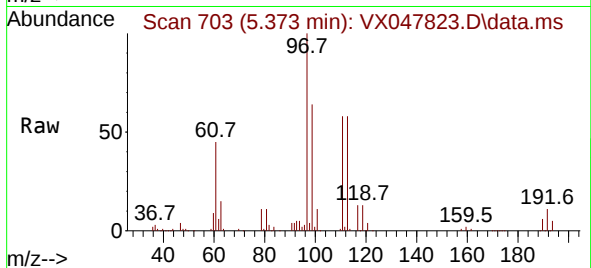
Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



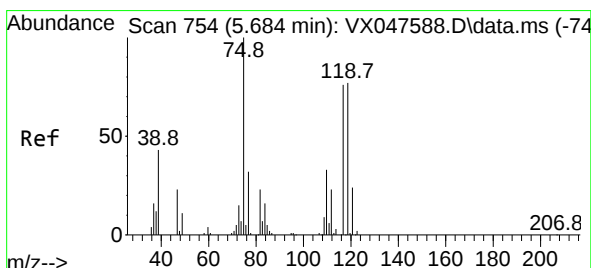
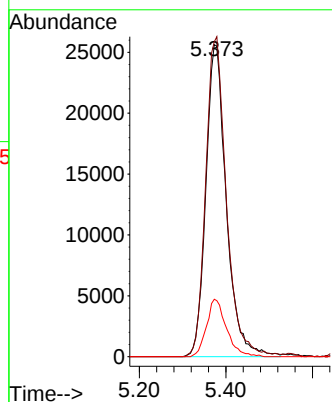
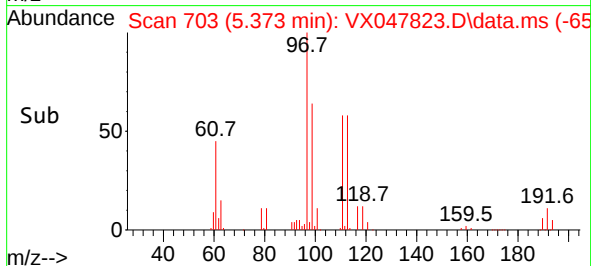
Tgt Ion:	113	Resp:	8404
Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.9	121.3
192	18.0	14.2	21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#36

1,1-Dichloropropene

Concen: 47.622 ug/l

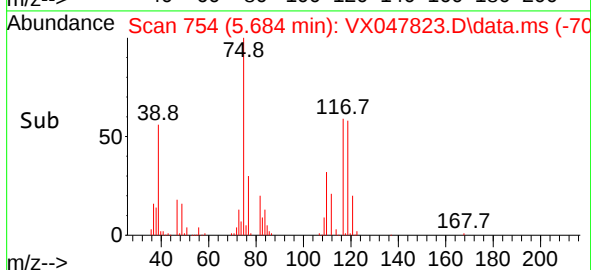
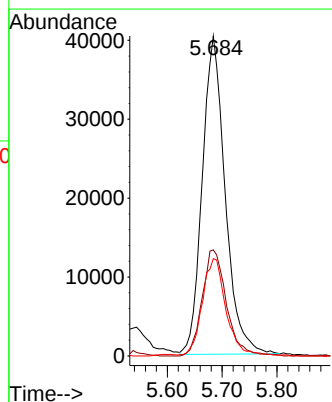
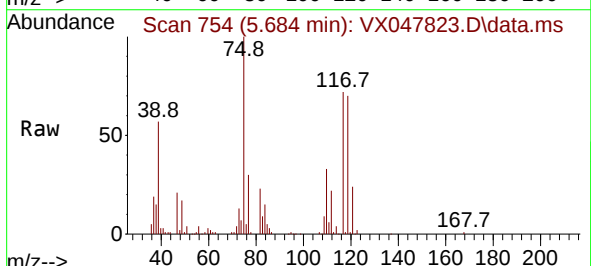
RT: 5.684 min Scan# 754

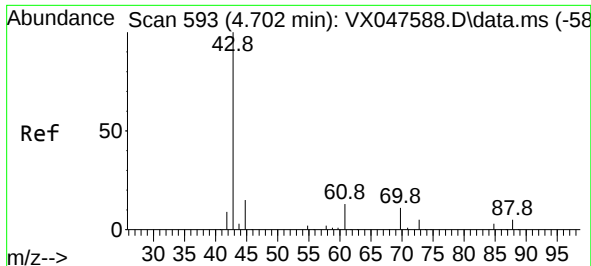
Delta R.T. -0.000 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

Tgt Ion:	75	Resp:	116951
Ion	Ratio	Lower	Upper
75	100		
110	35.3	16.7	50.1
77	31.3	24.3	36.5





#37

Ethyl Acetate

Concen: 51.520 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.000 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 135472

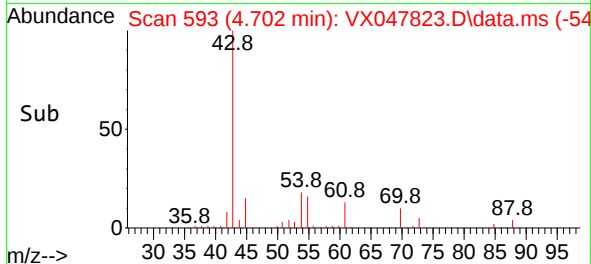
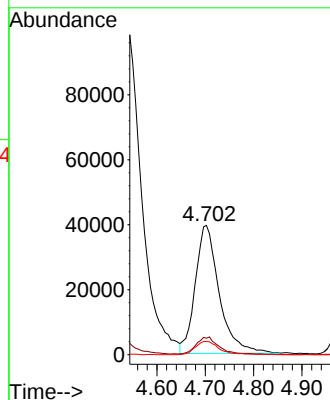
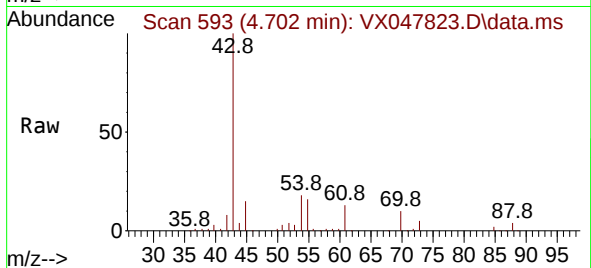
Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.8	14.8
70	10.3	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#38

Carbon Tetrachloride

Concen: 48.736 ug/l

RT: 5.666 min Scan# 751

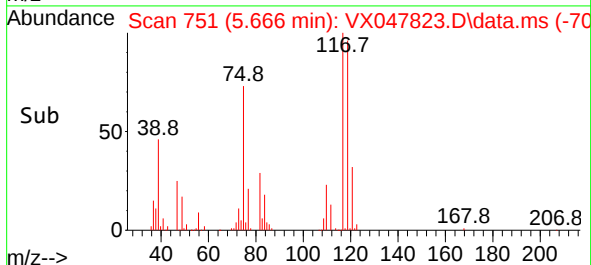
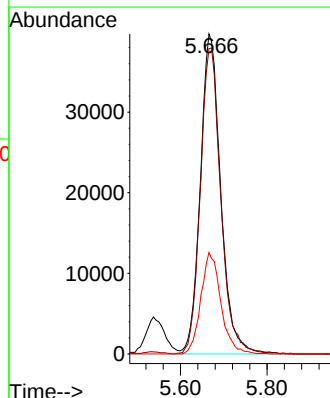
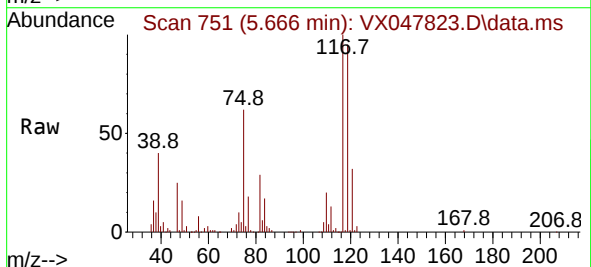
Delta R.T. -0.006 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

Tgt Ion:117 Resp: 130043

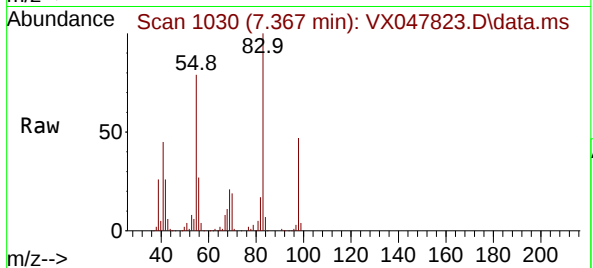
Ion	Ratio	Lower	Upper
117	100		
119	95.3	73.4	110.2
121	31.7	23.8	35.6





#39
Methylcyclohexane
Concen: 47.385 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

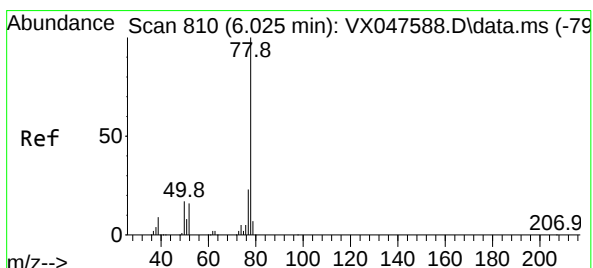
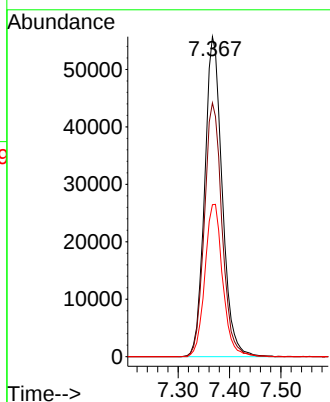
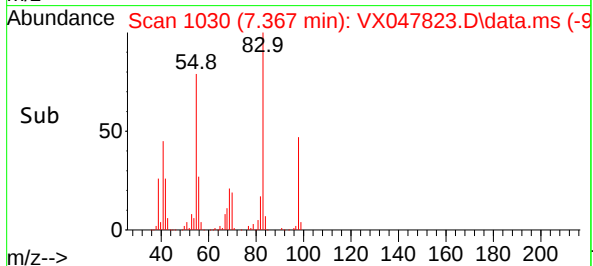
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 132095
Ion Ratio Lower Upper
83 100
55 79.3 66.4 99.6
98 47.5 38.1 57.1

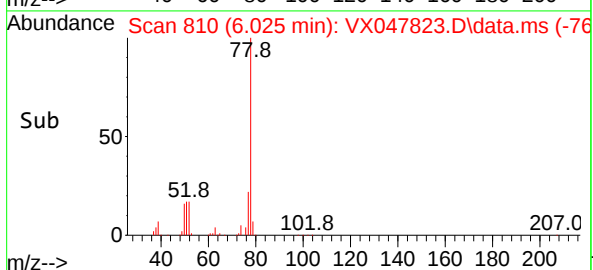
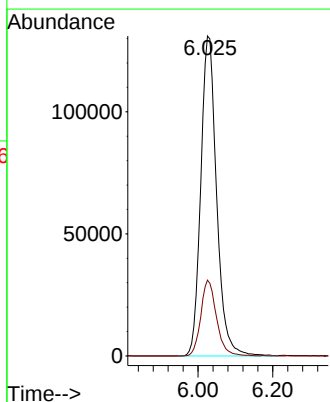
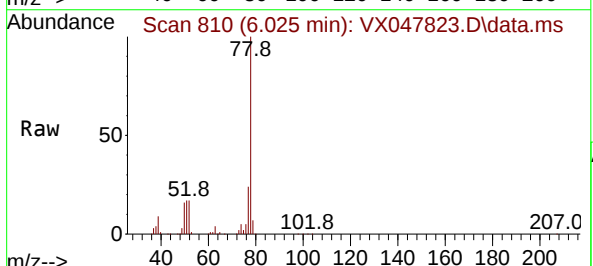
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#40
Benzene
Concen: 51.647 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

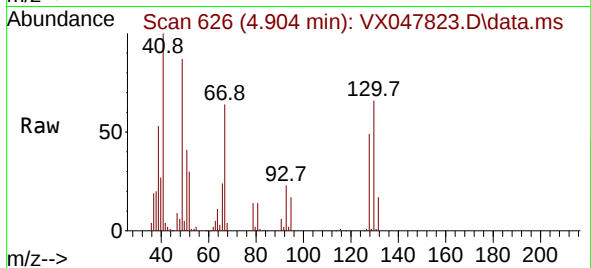
Tgt Ion: 78 Resp: 385239
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2





#41
Methacrylonitrile
Concen: 54.368 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

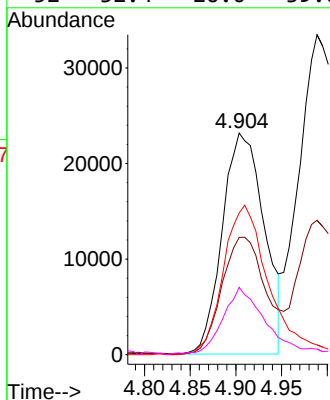
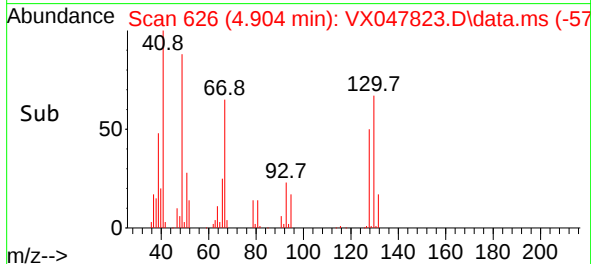
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



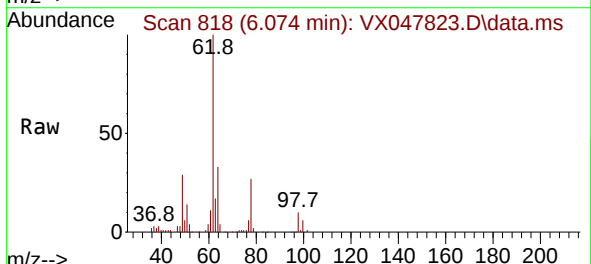
Tgt Ion: 41 Resp: 73804
Ion Ratio Lower Upper
41 100
39 56.7 43.3 64.9
67 74.7 58.6 87.8
52 32.4 26.0 39.0

Manual Integrations
APPROVED

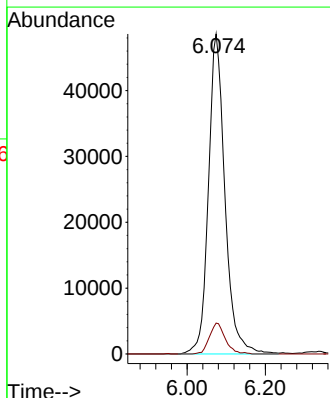
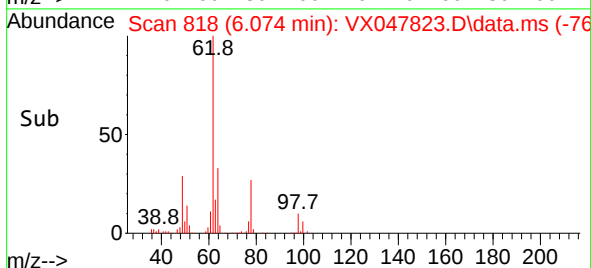
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#42
1,2-Dichloroethane
Concen: 50.000 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09



Tgt Ion: 62 Resp: 141902
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.0





#43

Isopropyl Acetate

Concen: 52.636 ug/l

RT: 6.324 min Scan# 859

Delta R.T. -0.000 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

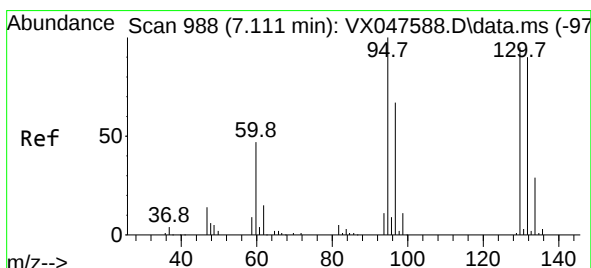
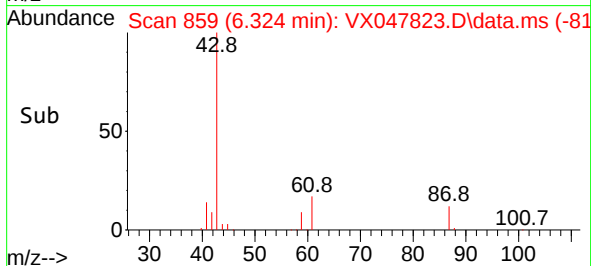
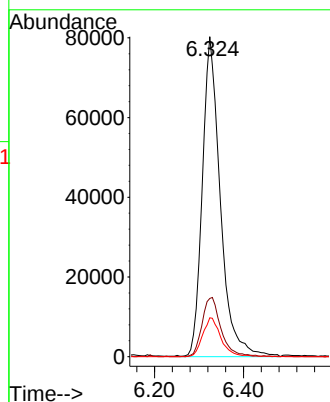
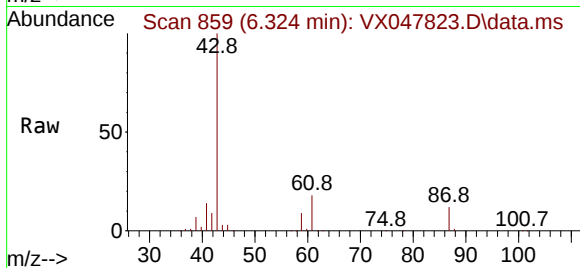
Tgt Ion: 43	Resp: 226994
Ion Ratio	Lower Upper
43 100	
61 19.4	15.2 22.8
87 12.3	9.6 14.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#44

Trichloroethene

Concen: 51.375 ug/l

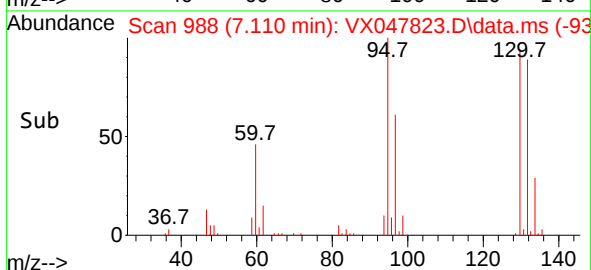
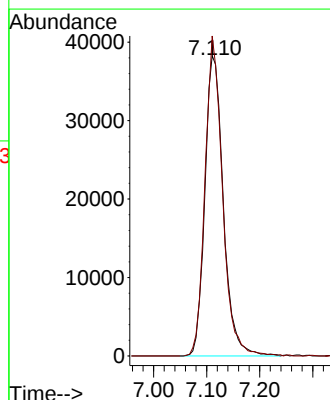
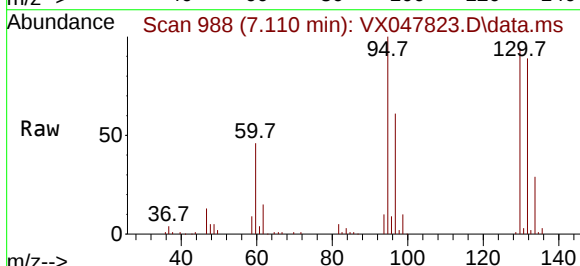
RT: 7.110 min Scan# 988

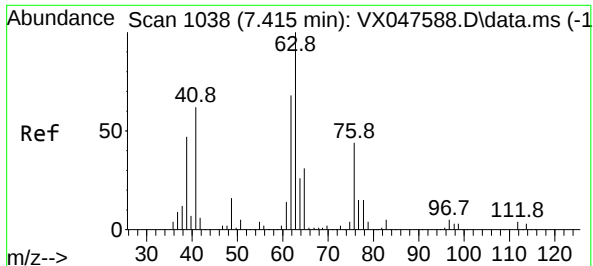
Delta R.T. -0.000 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

Tgt Ion:130	Resp: 92646
Ion Ratio	Lower Upper
130 100	
95 106.6	0.0 210.8





#45

1,2-Dichloropropane

Concen: 52.856 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 10095

Ion Ratio Lower Upper

63 100

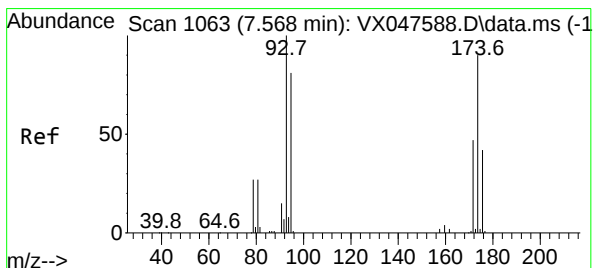
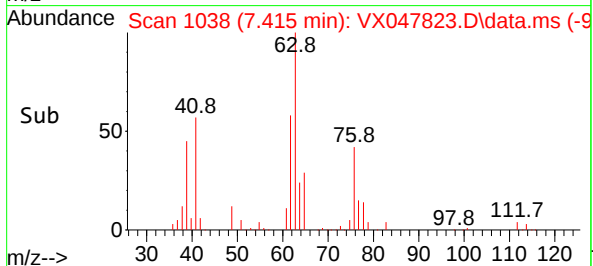
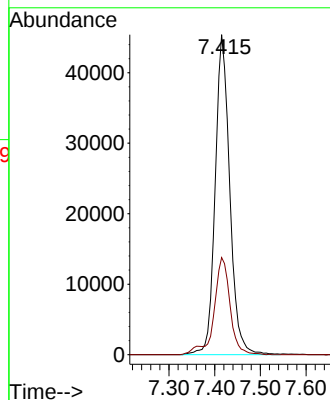
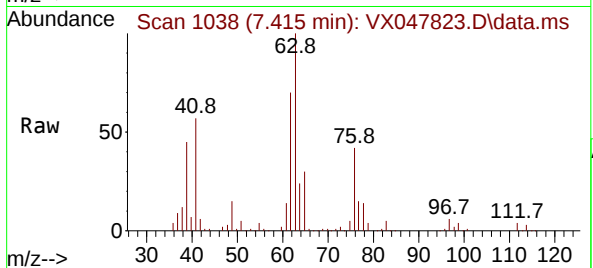
65 30.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#46

Dibromomethane

Concen: 52.781 ug/l

RT: 7.568 min Scan# 1063

Delta R.T. -0.000 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

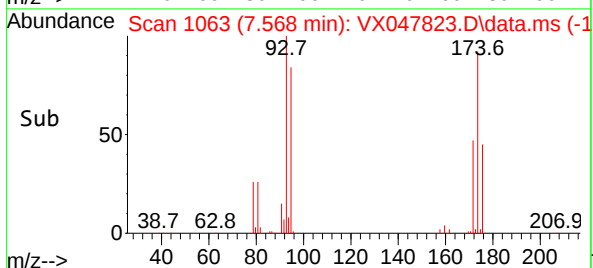
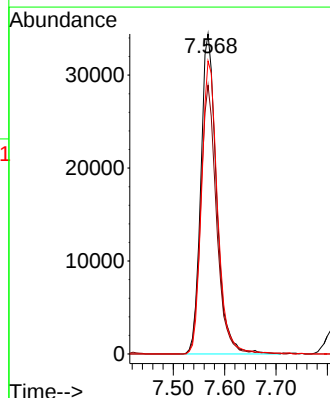
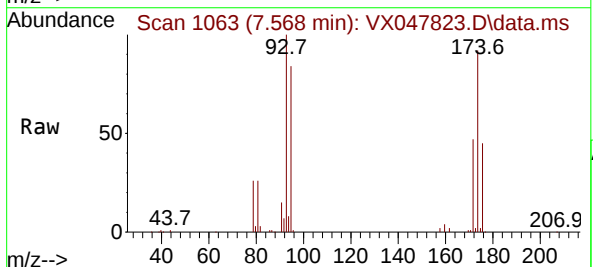
Tgt Ion: 93 Resp: 73360

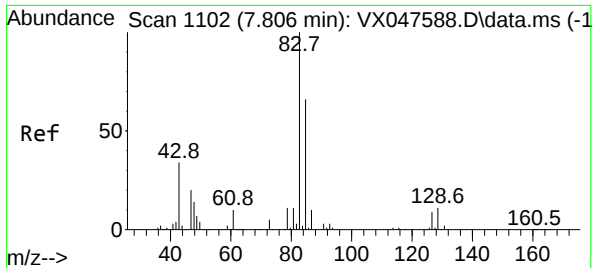
Ion Ratio Lower Upper

93 100

95 84.0 65.0 97.6

174 92.9 71.6 107.4





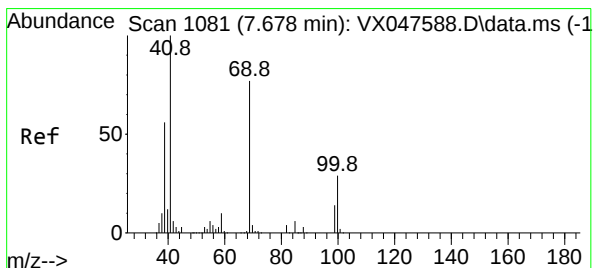
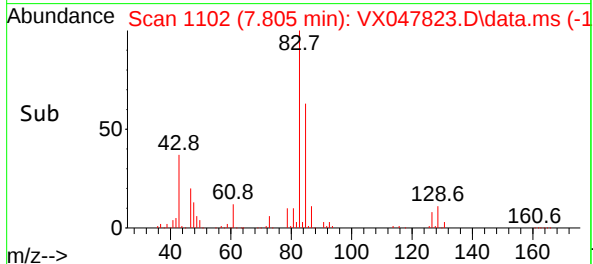
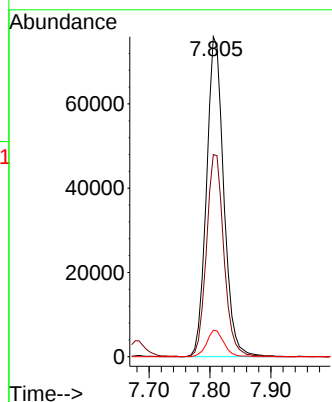
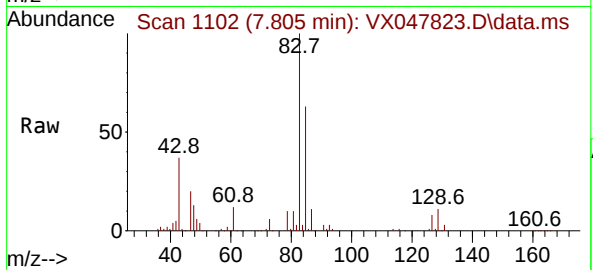
#47
Bromodichloromethane
Concen: 52.127 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 149500
Ion Ratio Lower Upper
83 100
85 63.2 52.5 78.7
127 8.3 6.9 10.3

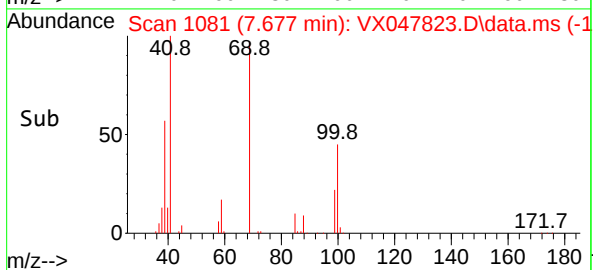
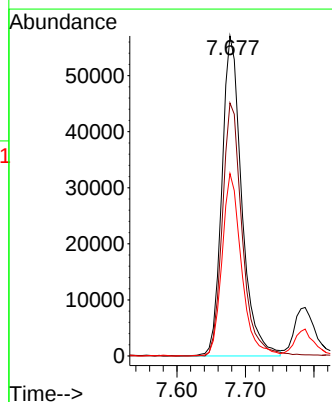
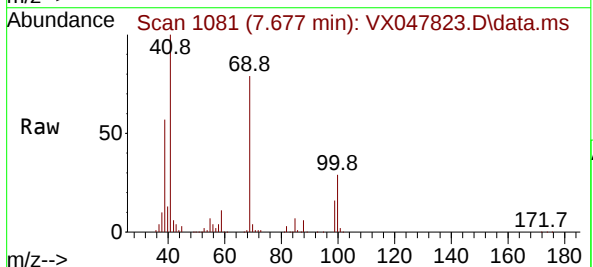
Manual Integrations
APPROVED

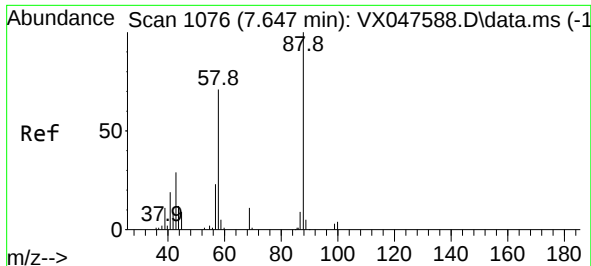
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#48
Methyl methacrylate
Concen: 53.443 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

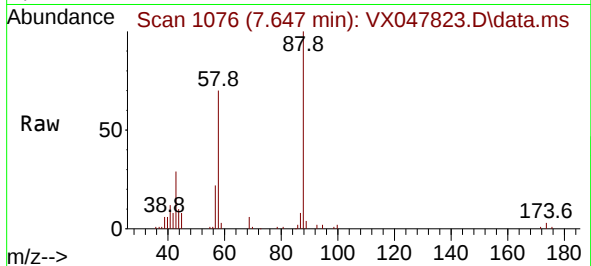
Tgt Ion: 41 Resp: 114802
Ion Ratio Lower Upper
41 100
69 78.9 61.4 92.2
39 55.7 45.8 68.6





#49
1,4-Dioxane
Concen: 1317.923 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

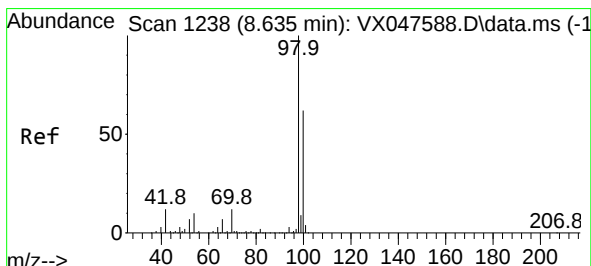
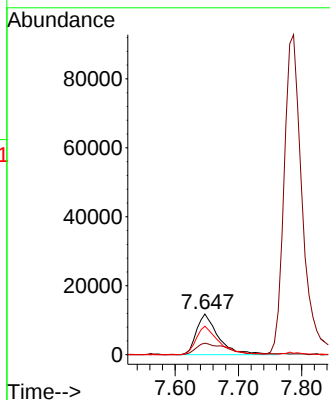
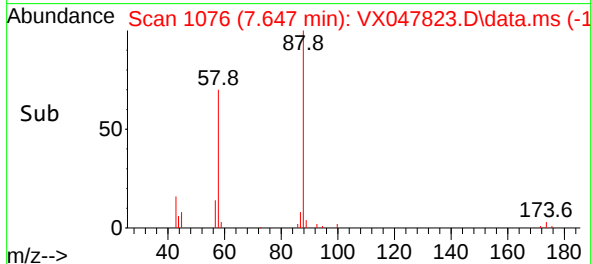
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2861
Ion Ratio Lower Upper
88 100
43 39.0 30.2 45.2
58 72.3 59.5 89.3

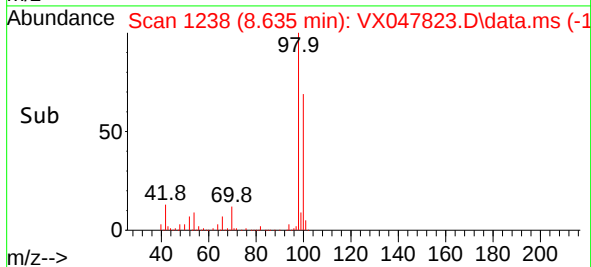
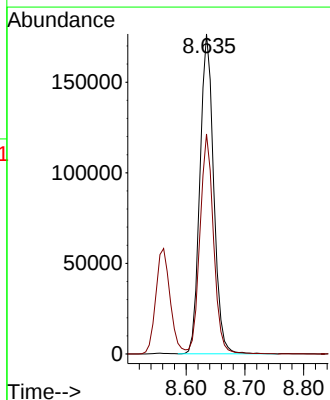
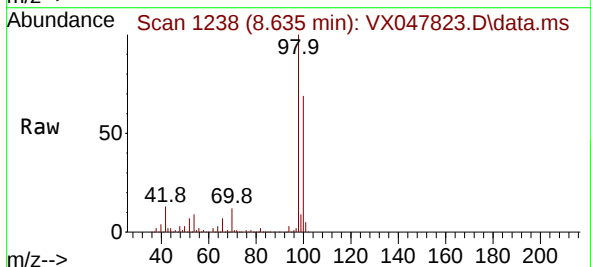
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#50
Toluene-d8
Concen: 49.227 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

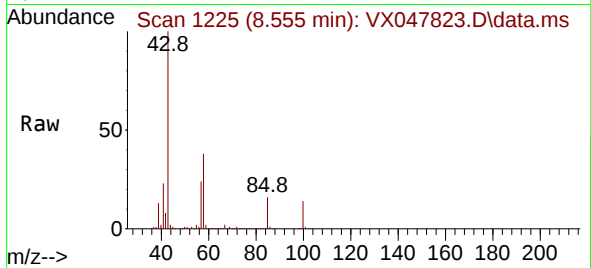
Tgt Ion: 98 Resp: 286276
Ion Ratio Lower Upper
98 100
100 68.1 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 283.290 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

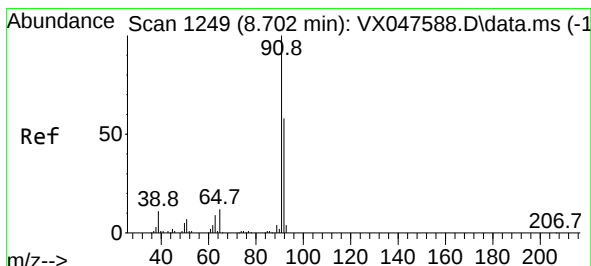
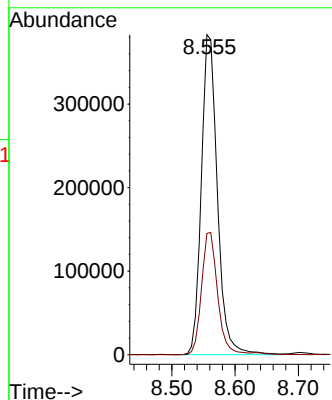
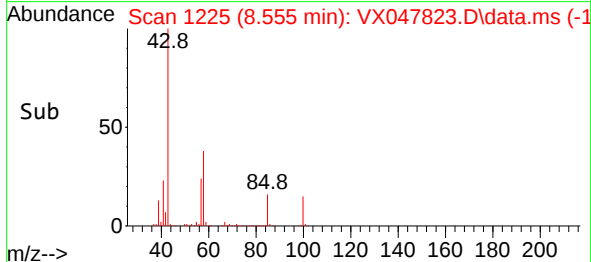
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 677360
Ion Ratio Lower Upper
43 100
58 38.1 30.3 45.5

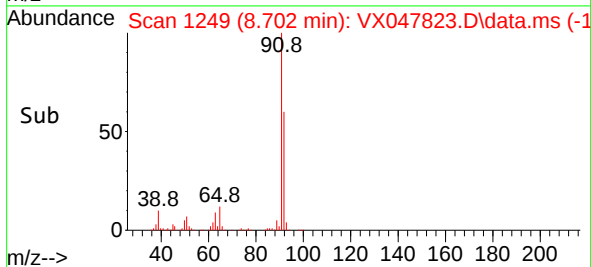
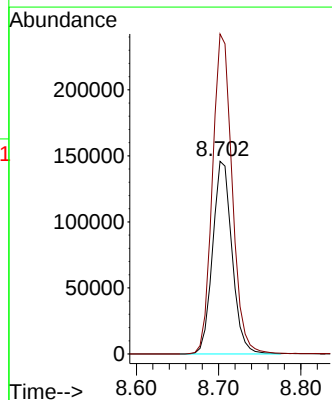
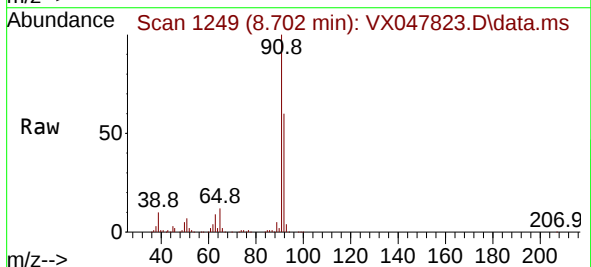
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#52
Toluene
Concen: 52.084 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 92 Resp: 239352
Ion Ratio Lower Upper
92 100
91 168.4 137.1 205.7





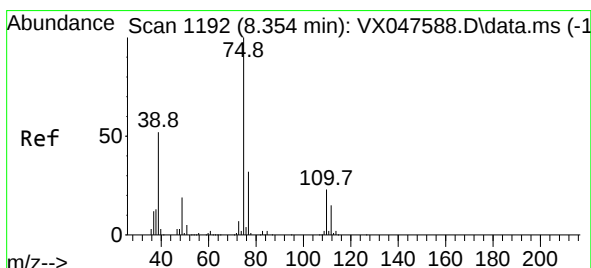
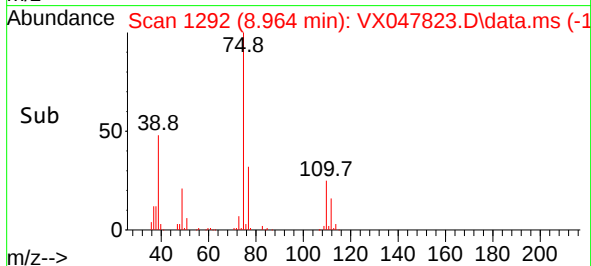
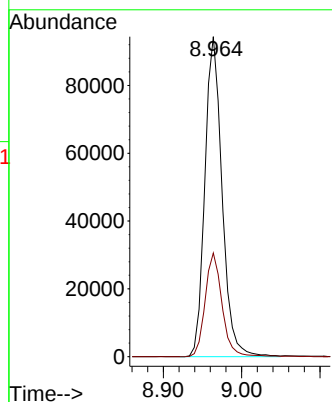
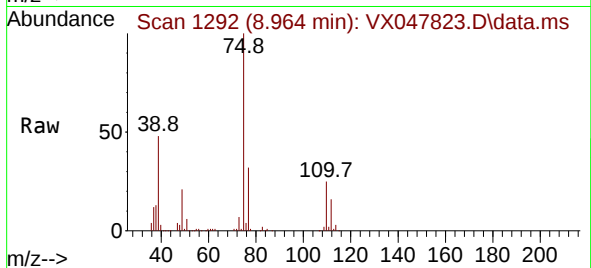
#53
t-1,3-Dichloropropene
Concen: 49.172 ug/l
RT: 8.964 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 143852
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2

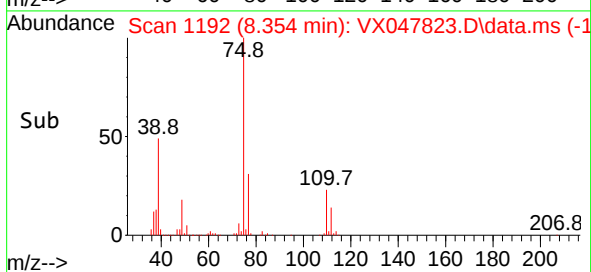
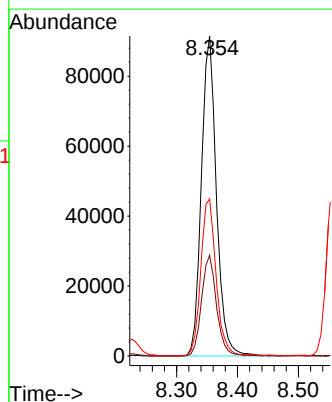
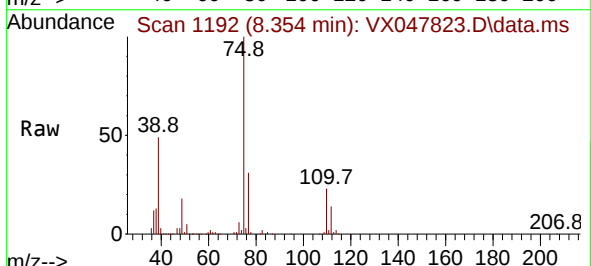
Manual Integrations
APPROVED

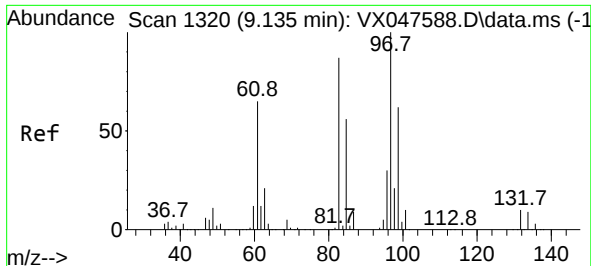
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#54
cis-1,3-Dichloropropene
Concen: 50.226 ug/l
RT: 8.354 min Scan# 1192
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 75 Resp: 157052
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6
39 49.0 41.4 62.2





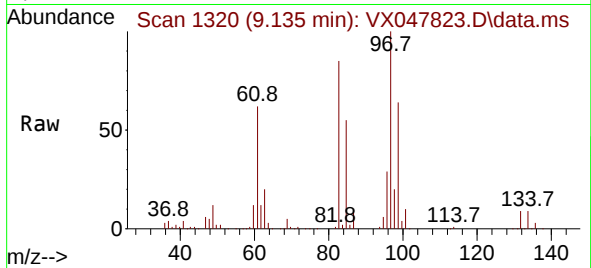
#55
1,1,2-Trichloroethane
Concen: 54.391 ug/l
RT: 9.135 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



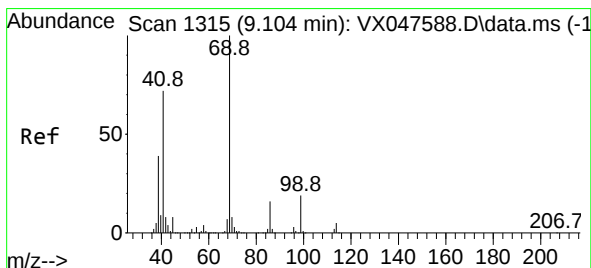
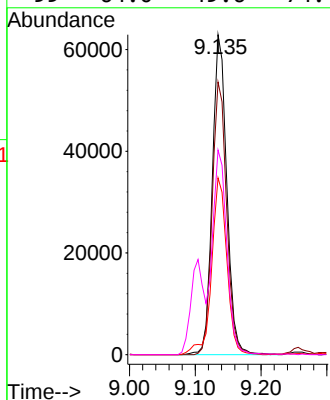
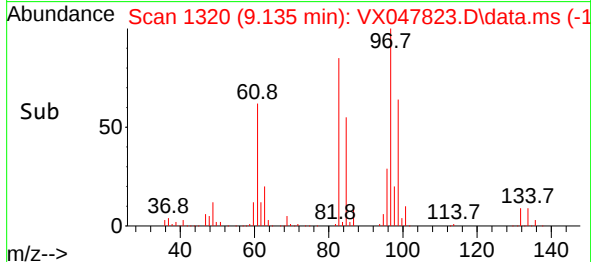
Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.6	104.4
85	55.2	45.0	67.6
99	64.0	49.6	74.4

Manual Integrations

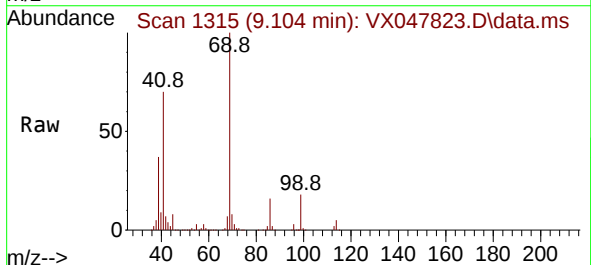
APPROVED

Reviewed By :John Carlone 09/26/2025

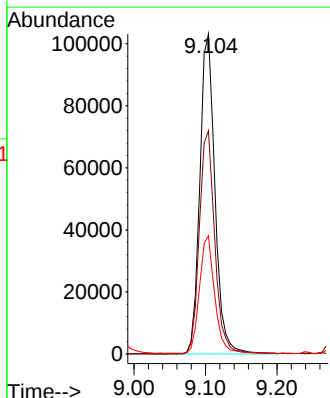
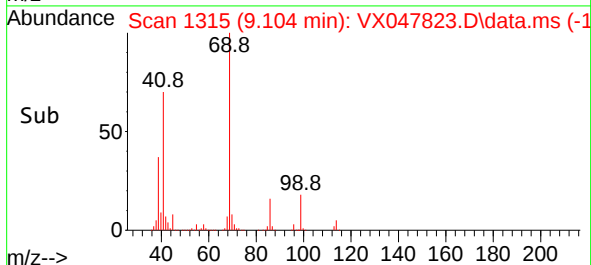
Supervised By :Mahesh Dadoda 09/29/2025

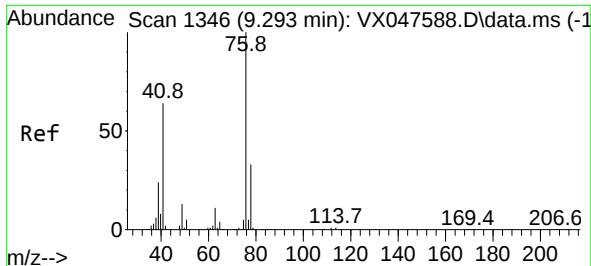


#56
Ethyl methacrylate
Concen: 54.571 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09



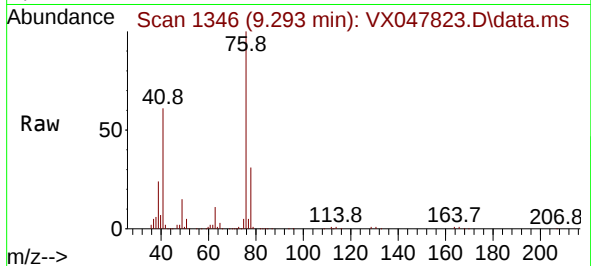
Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.4	58.6	87.8
39	37.3	31.5	47.3





#57
1,3-Dichloropropane
Concen: 54.630 ug/l
RT: 9.293 min Scan# 11346
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

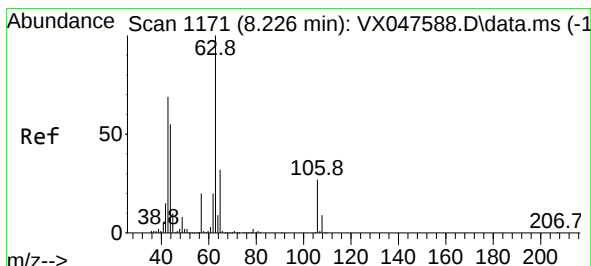
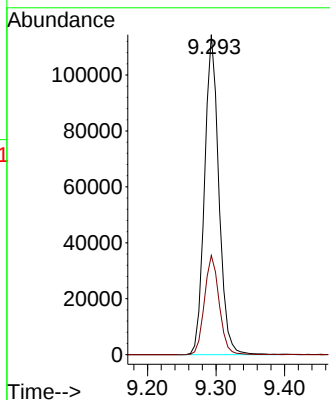
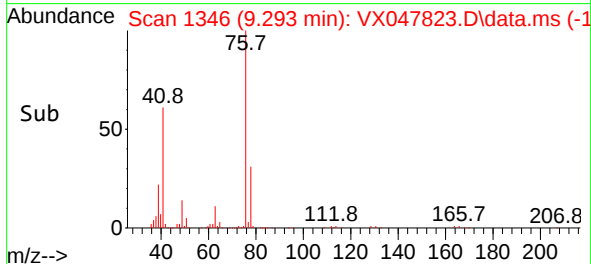
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 166293
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.4

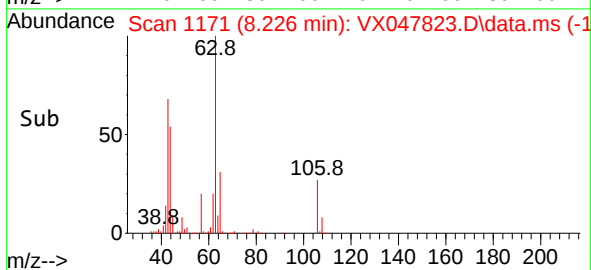
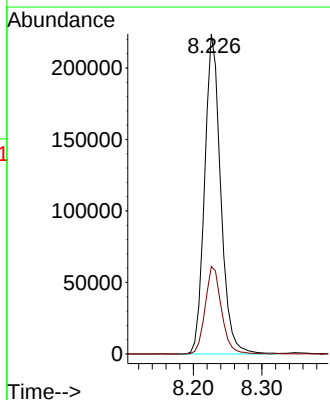
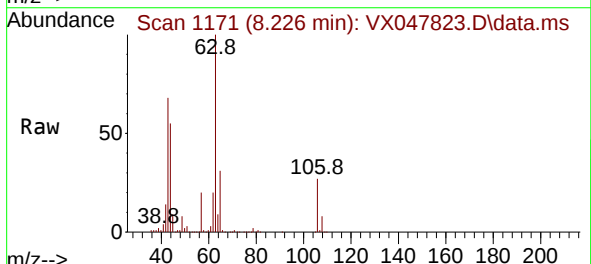
Manual Integrations
APPROVED

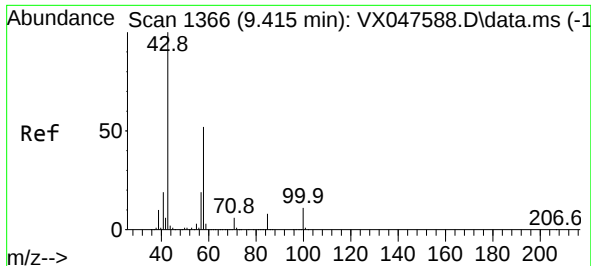
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 273.260 ug/l
RT: 8.226 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

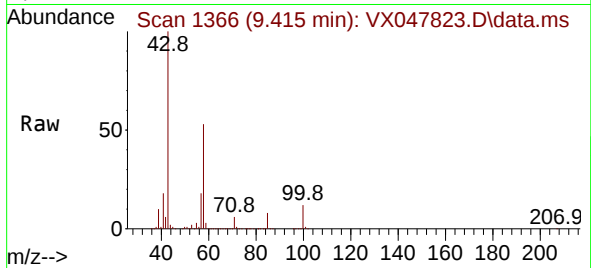
Tgt Ion: 63 Resp: 365599
Ion Ratio Lower Upper
63 100
106 27.7 21.9 32.9





#59
2-Hexanone
Concen: 275.126 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

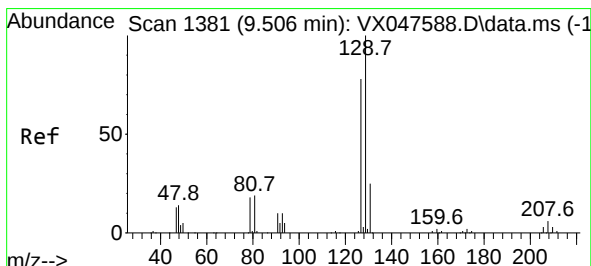
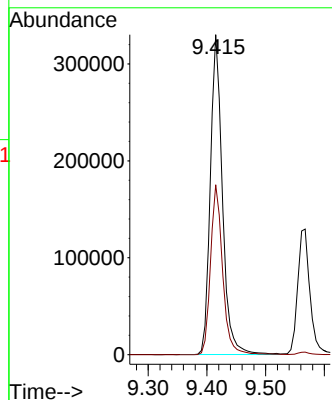
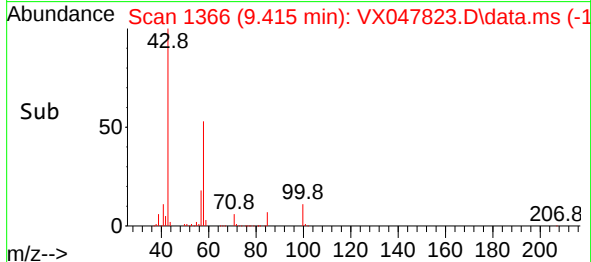
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 472460
Ion Ratio Lower Upper
43 100
58 53.1 26.1 78.2

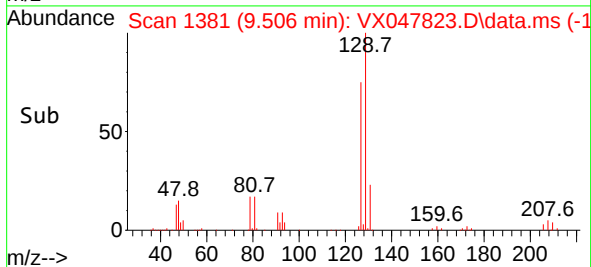
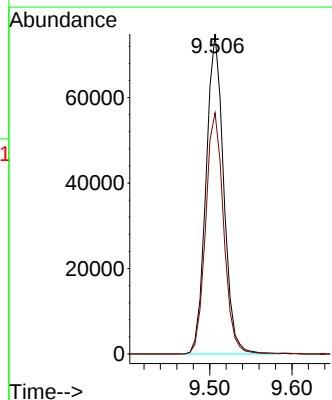
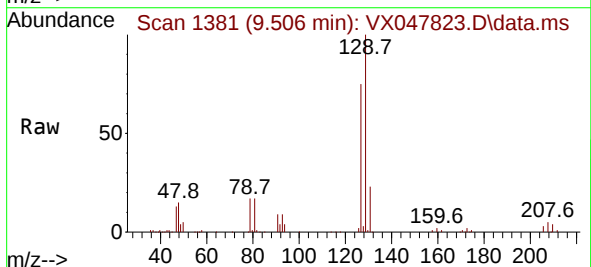
Manual Integrations
APPROVED

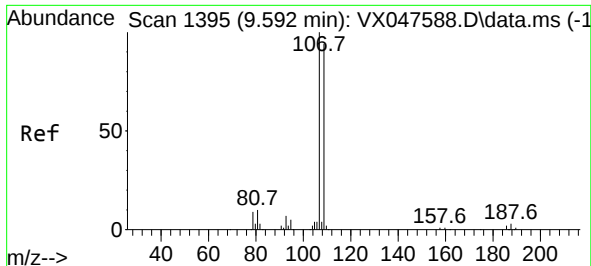
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#60
Dibromochloromethane
Concen: 54.529 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:129 Resp: 111334
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





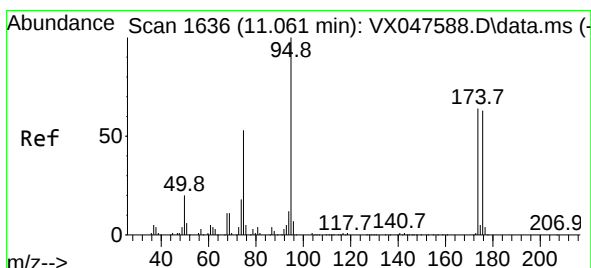
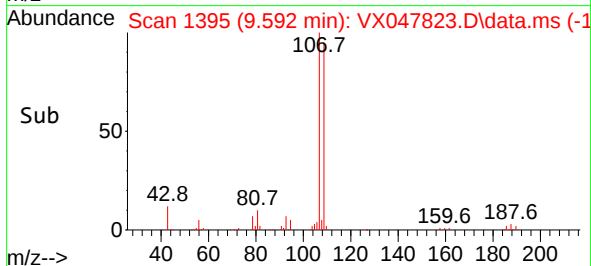
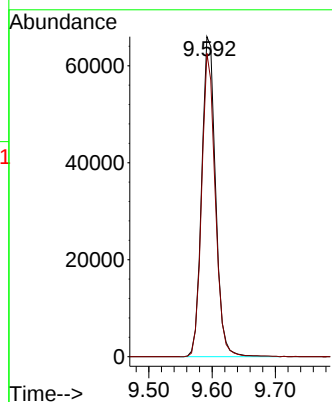
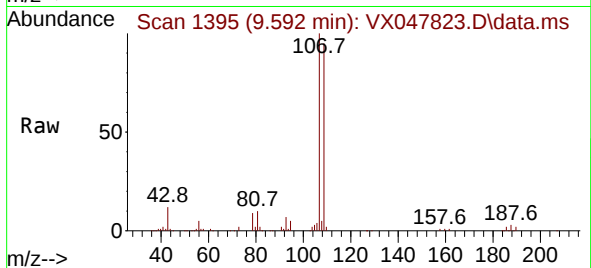
#61
1,2-Dibromoethane
Concen: 55.828 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 100762
Ion Ratio Lower Upper
107 100
109 93.1 75.3 112.9

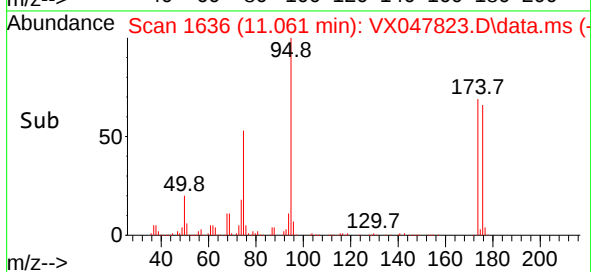
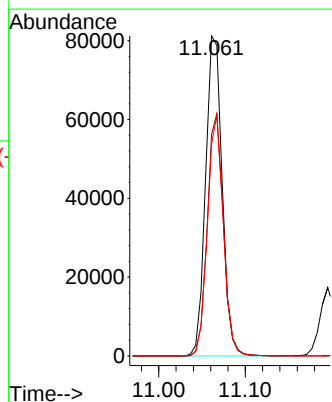
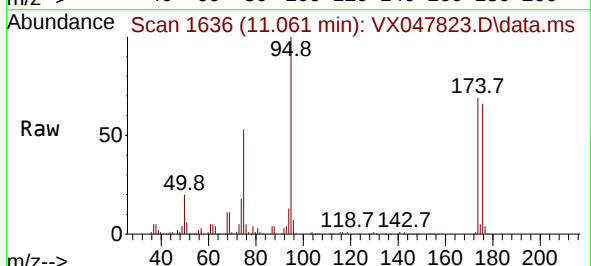
Manual Integrations
APPROVED

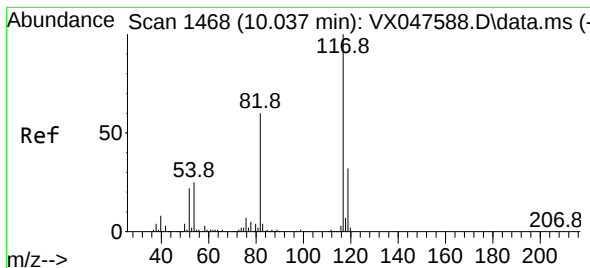
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#62
4-Bromofluorobenzene
Concen: 48.923 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

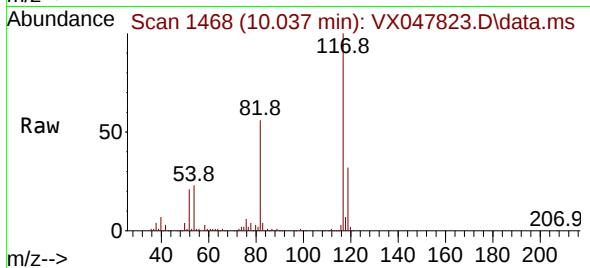
Tgt Ion: 95 Resp: 107976
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.6
176 72.0 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

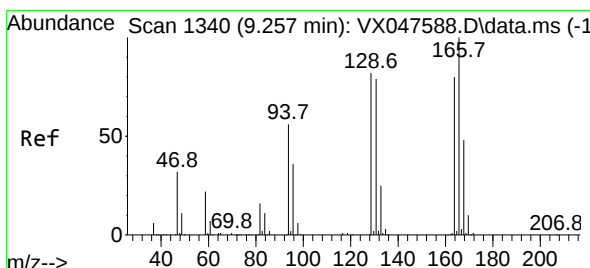
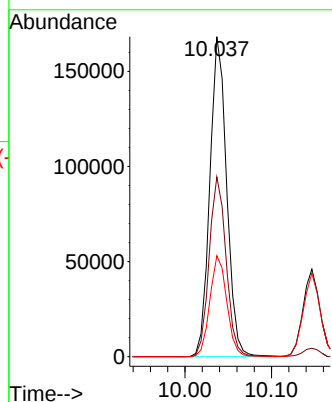
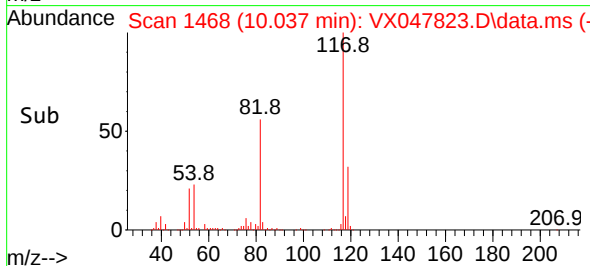
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 22718
Ion Ratio Lower Upper
117 100
82 56.2 47.8 71.6
119 31.6 25.2 37.8

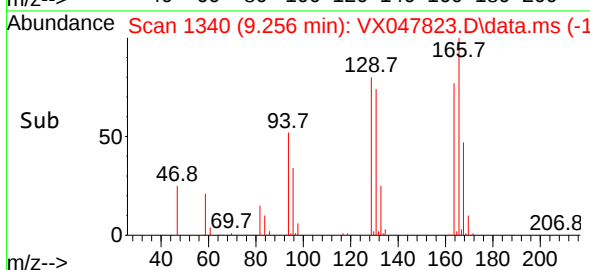
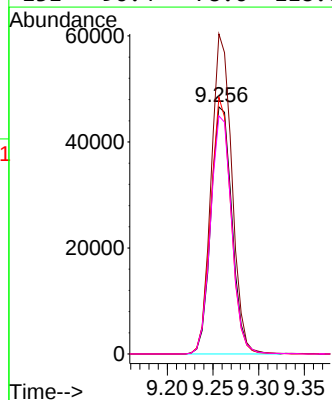
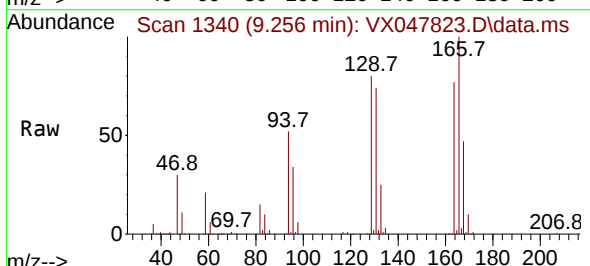
Manual Integrations
APPROVED

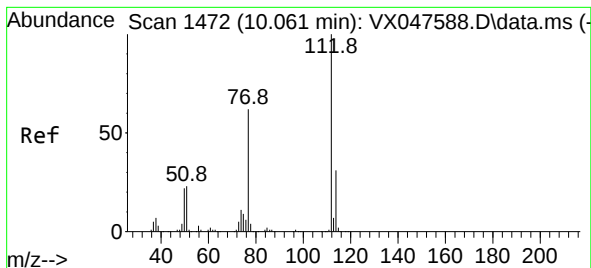
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#64
Tetrachloroethene
Concen: 50.109 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:164 Resp: 74213
Ion Ratio Lower Upper
164 100
166 129.5 100.2 150.2
129 103.9 81.8 122.6
131 96.4 78.6 118.0





#65

Chlorobenzene

Concen: 51.289 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 264710

Ion Ratio Lower Upper

112 100

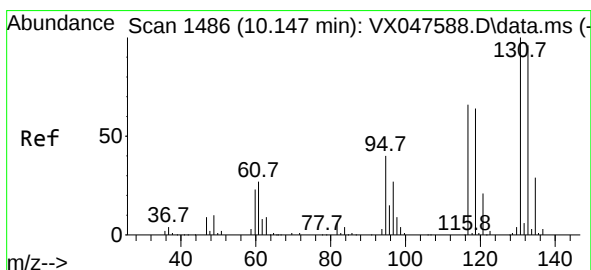
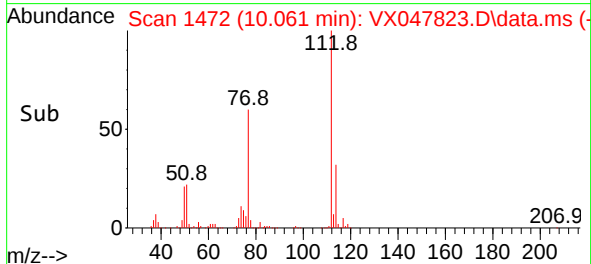
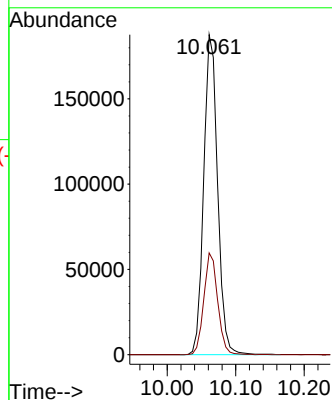
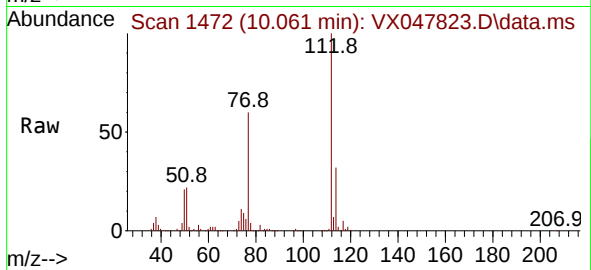
114 31.8 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 52.017 ug/l

RT: 10.147 min Scan# 1486

Delta R.T. -0.000 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

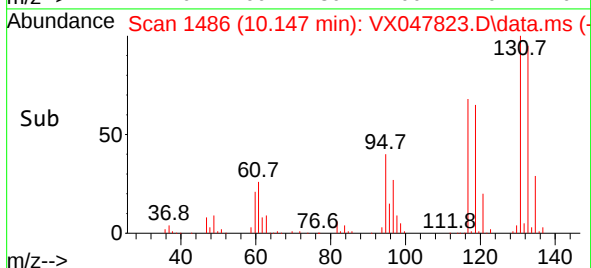
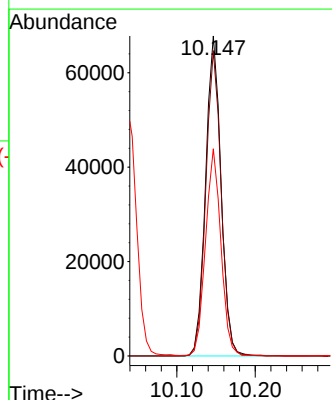
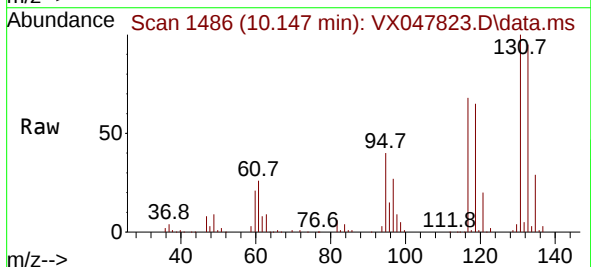
Tgt Ion:131 Resp: 92643

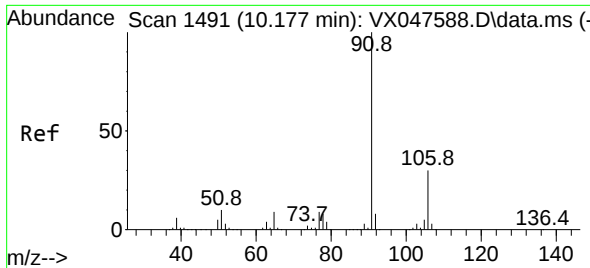
Ion Ratio Lower Upper

131 100

133 95.0 47.3 142.0

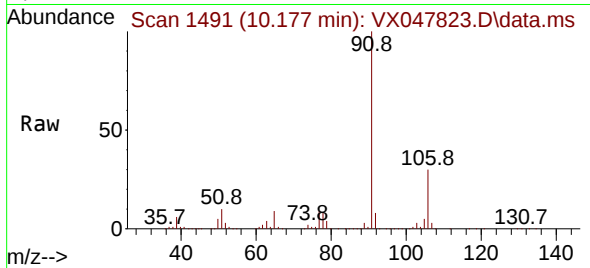
119 64.7 32.0 96.0





#67
Ethyl Benzene
Concen: 50.998 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

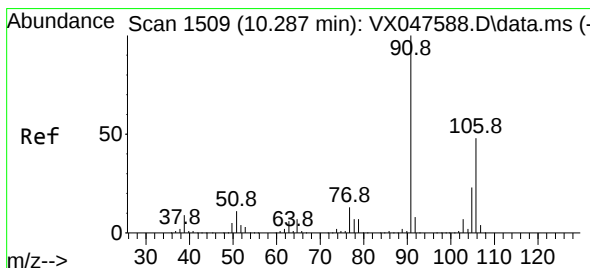
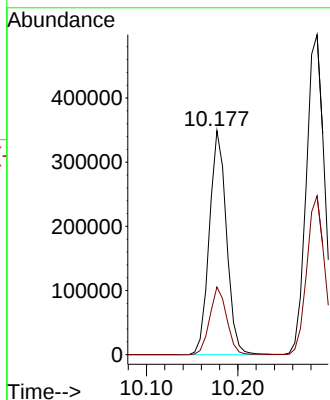
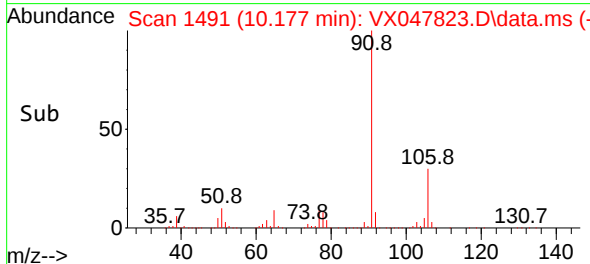
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



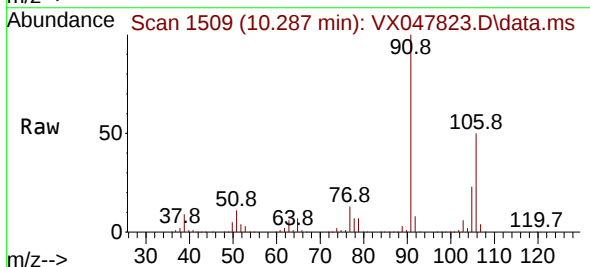
Tgt Ion: 91 Resp: 454152
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5

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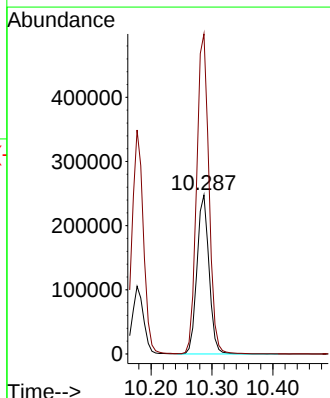
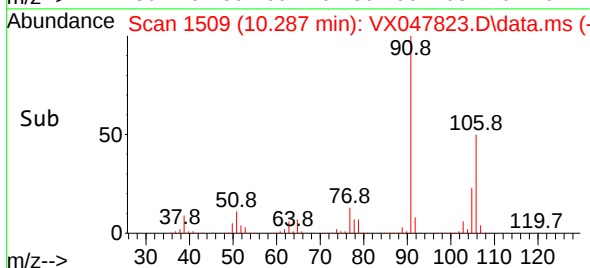
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

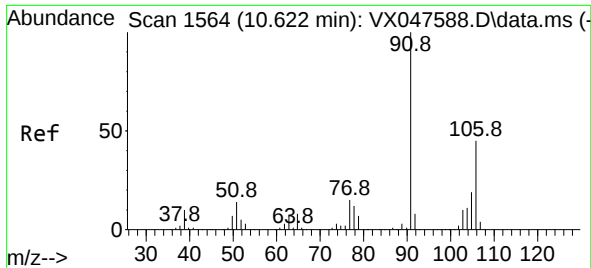


#68
m/p-Xylenes
Concen: 102.531 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09



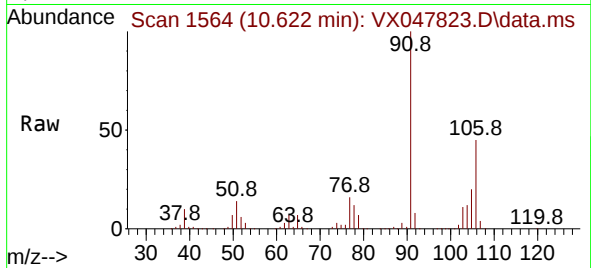
Tgt Ion:106 Resp: 339855
Ion Ratio Lower Upper
106 100
91 204.9 167.8 251.8





#69
o-Xylene
Concen: 51.944 ug/l
RT: 10.622 min Scan# 1564
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

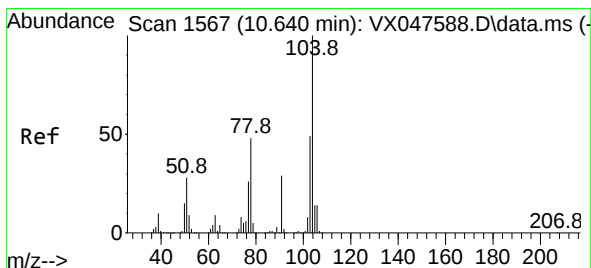
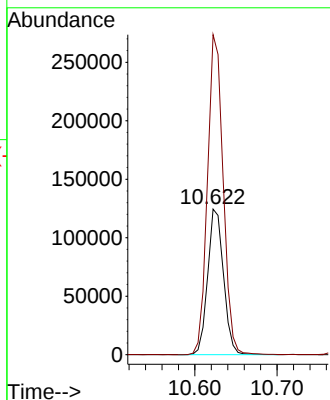
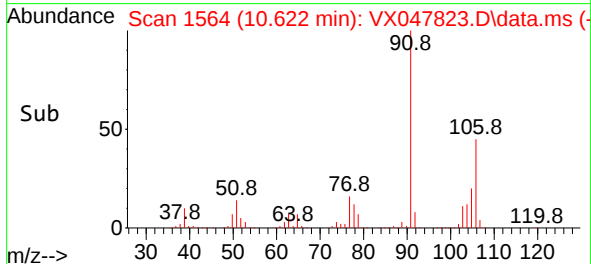
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 166533
Ion Ratio Lower Upper
106 100
91 218.0 111.1 333.4

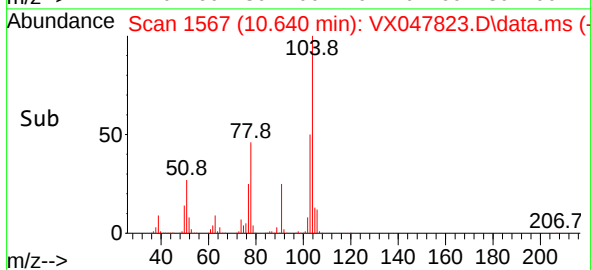
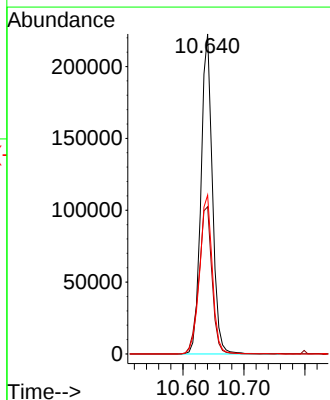
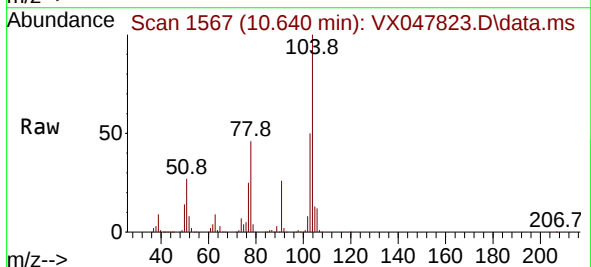
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#70
Styrene
Concen: 51.778 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion:104 Resp: 290866
Ion Ratio Lower Upper
104 100
78 52.4 43.1 64.7
103 54.9 43.1 64.7





#71

Bromoform

Concen: 54.510 ug/l

RT: 10.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

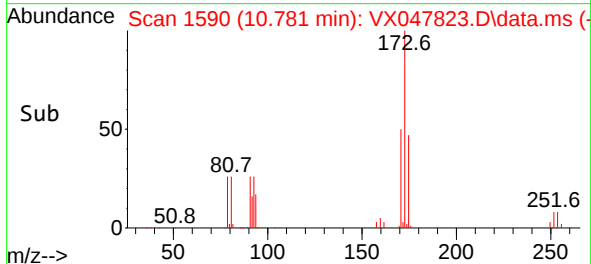
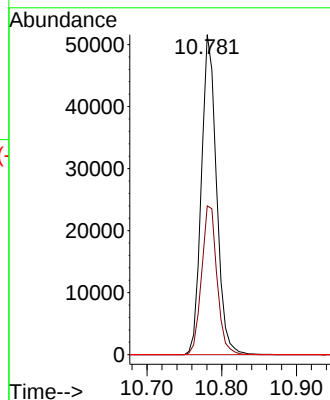
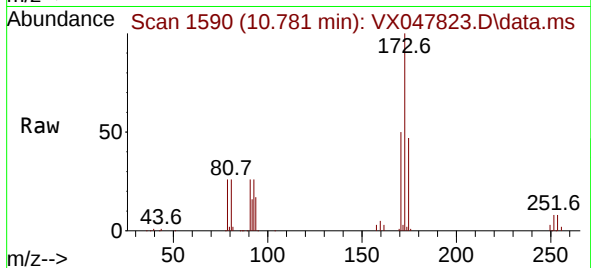
Tgt Ion:173 Resp: 7249
 Ion Ratio Lower Upper
 173 100
 175 47.4 24.9 74.6
 254 0.0 0.1 0.1

Manual Integrations

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Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

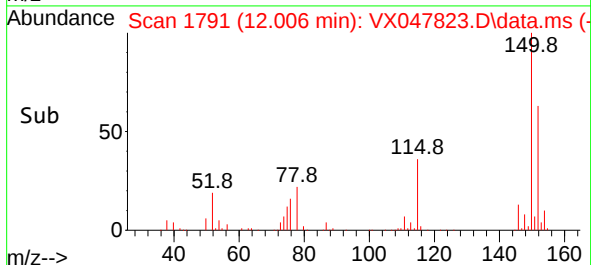
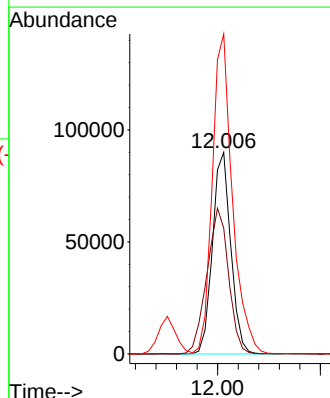
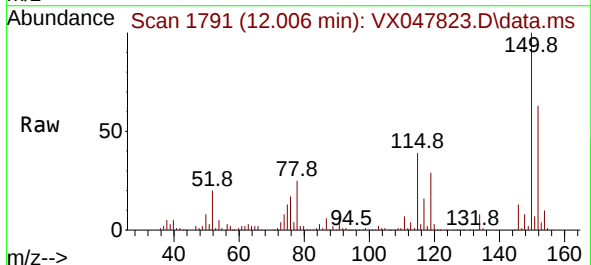
RT: 12.006 min Scan# 1791

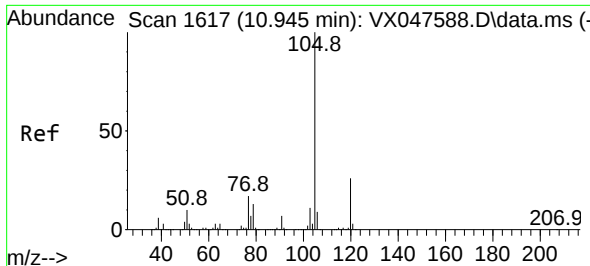
Delta R.T. -0.000 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

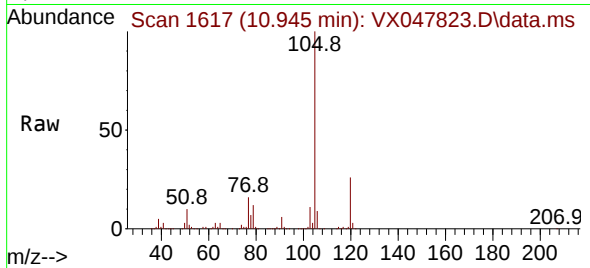
Tgt Ion:152 Resp: 111205
 Ion Ratio Lower Upper
 152 100
 115 85.8 44.9 134.5
 150 174.1 0.0 352.0





#73
Isopropylbenzene
Concen: 49.442 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

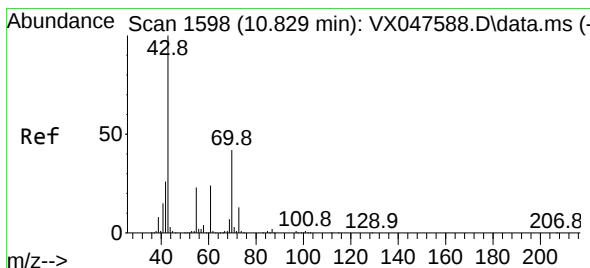
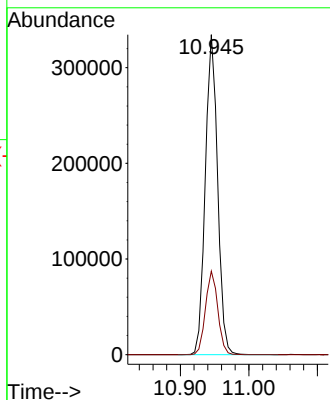
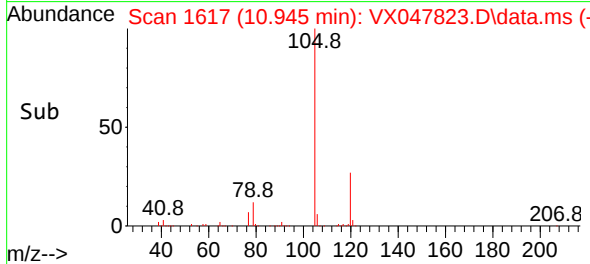
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 418008
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.4

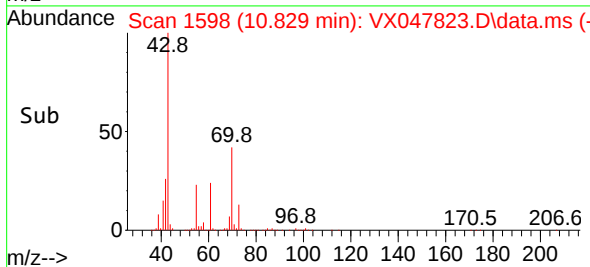
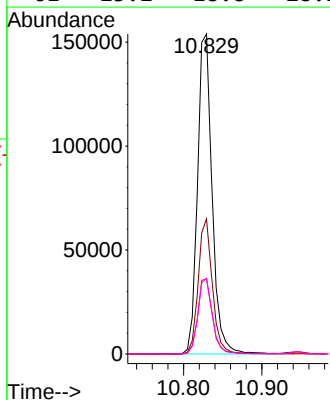
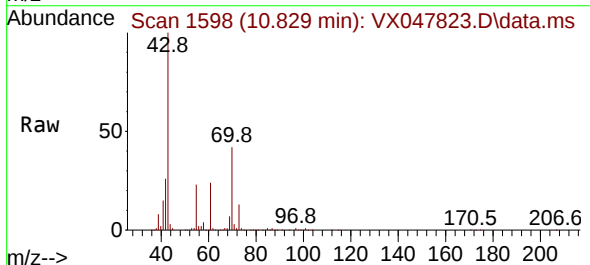
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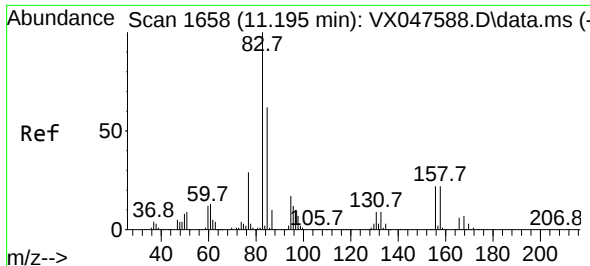
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#74
N-ethyl acetate
Concen: 51.849 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

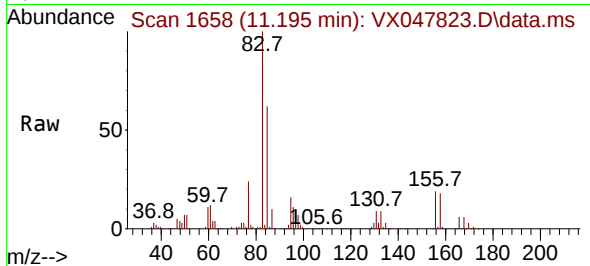
Tgt Ion: 43 Resp: 199899
Ion Ratio Lower Upper
43 100
70 41.0 32.0 48.0
55 23.8 18.9 28.3
61 23.2 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.895 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

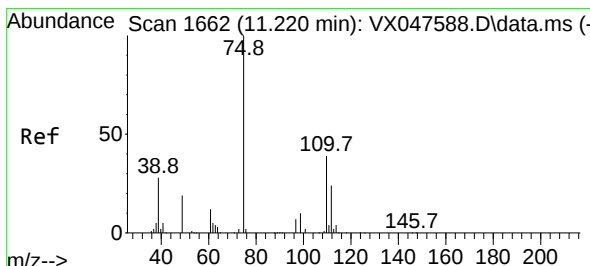
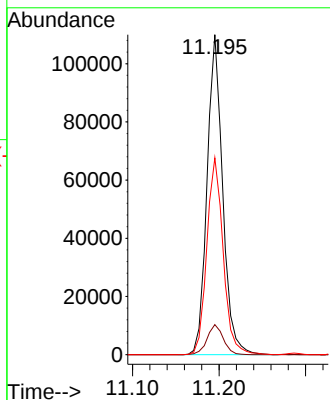
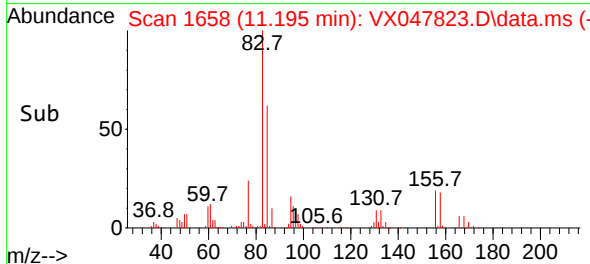
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 137858
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 64.4 31.6 95.0

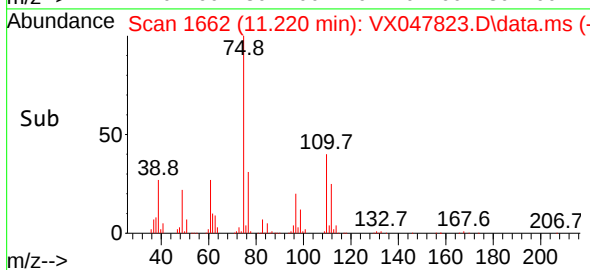
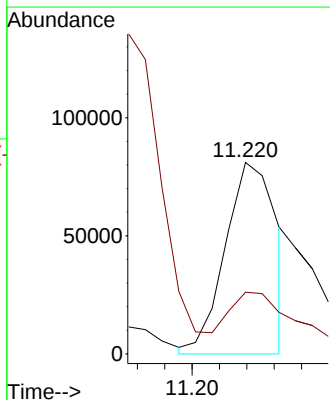
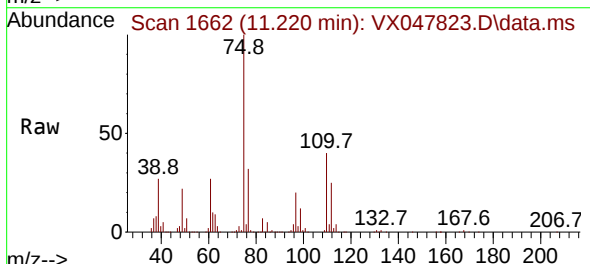
Manual Integrations
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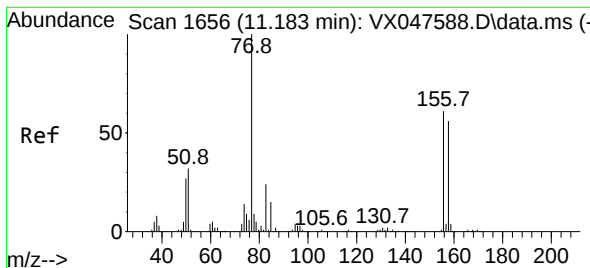
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#76
1,2,3-Trichloropropane
Concen: 46.695 ug/l m
RT: 11.220 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Tgt Ion: 75 Resp: 105136
Ion Ratio Lower Upper
75 100
77 43.5 18.8 56.4





#77

Bromobenzene

Concen: 50.576 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

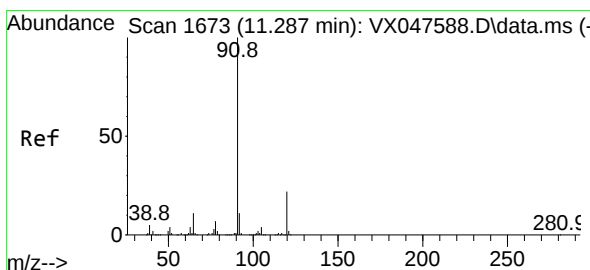
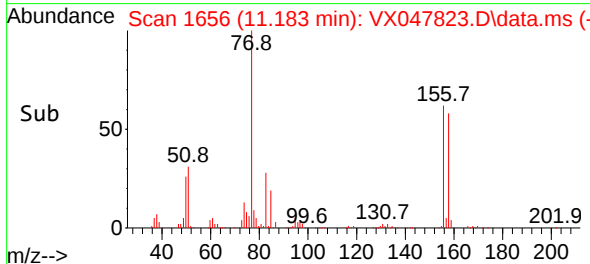
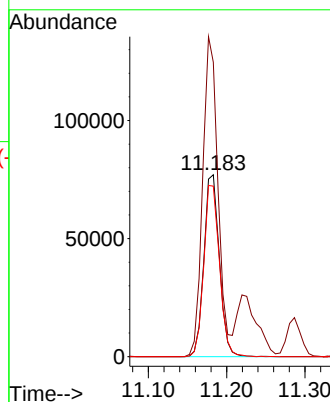
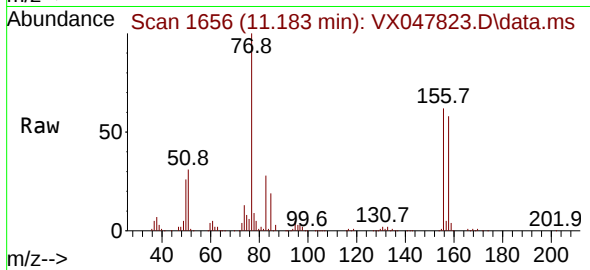
Tgt Ion:	156	Resp:	10531
Ion Ratio	Lower	Upper	
156	100		
77	175.2	89.7	269.1
158	95.9	47.9	143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#78

n-propylbenzene

Concen: 49.701 ug/l

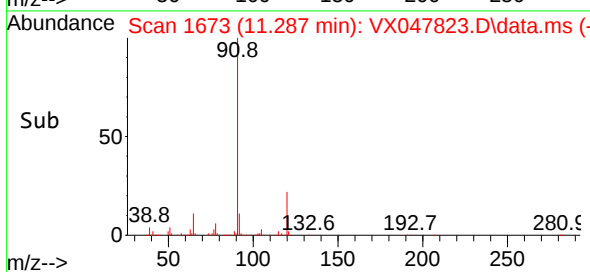
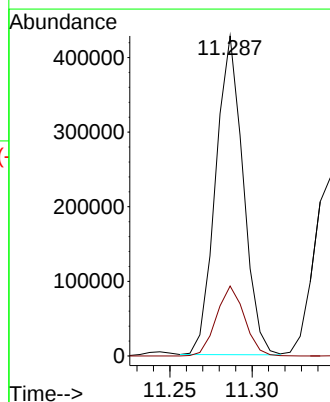
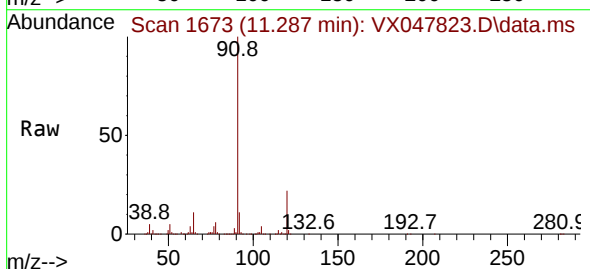
RT: 11.287 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

Tgt Ion:	91	Resp:	496726
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.1	33.1





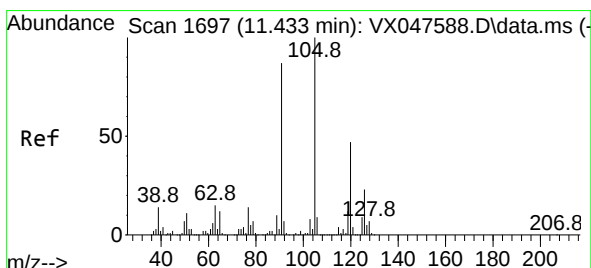
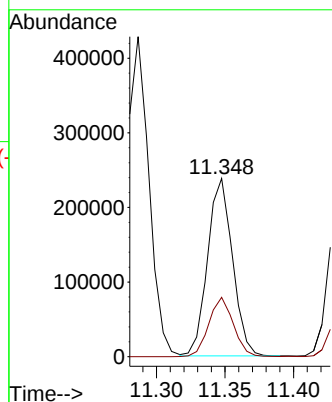
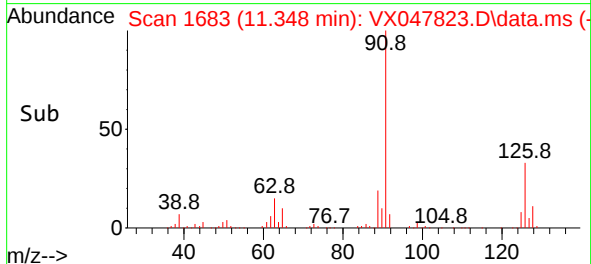
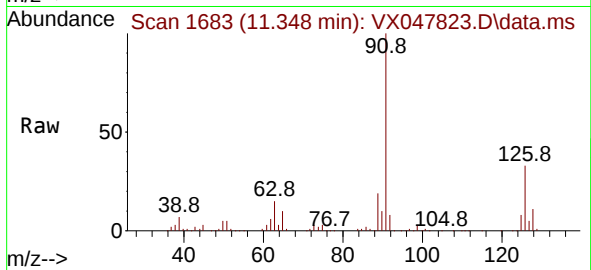
#79
2-Chlorotoluene
Concen: 49.240 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 301415
Ion Ratio Lower Upper
91 100
126 33.0 16.1 48.3

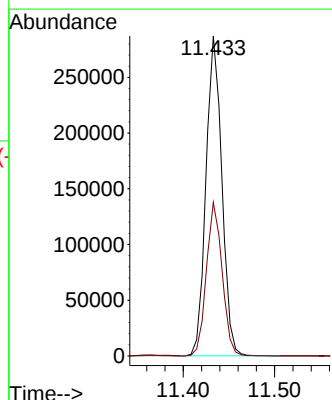
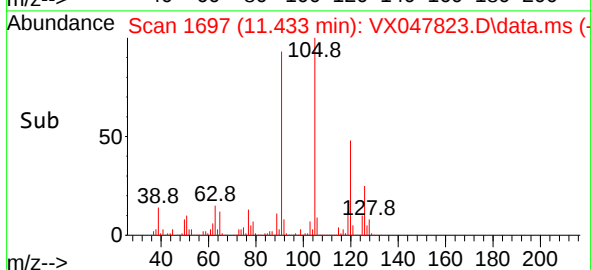
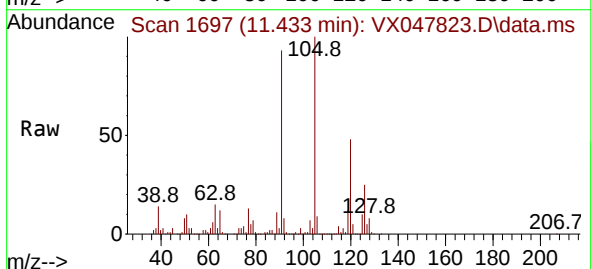
Manual Integrations
APPROVED

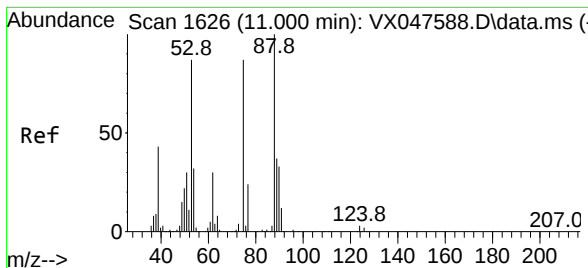
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 49.685 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

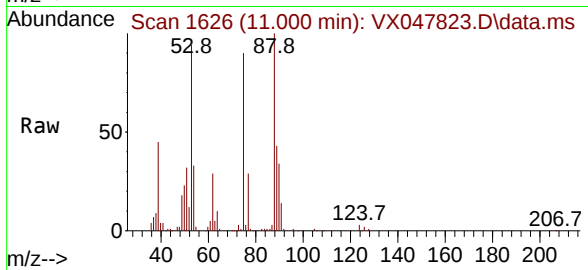
Tgt Ion:105 Resp: 345119
Ion Ratio Lower Upper
105 100
120 47.7 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 43.621 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

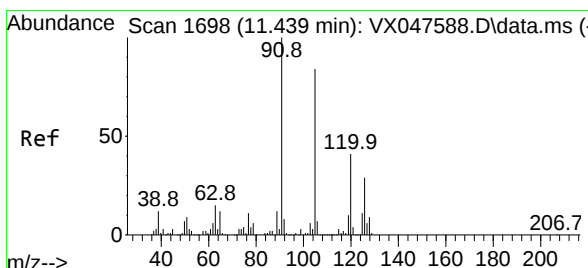
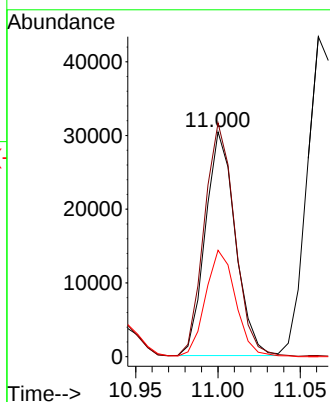
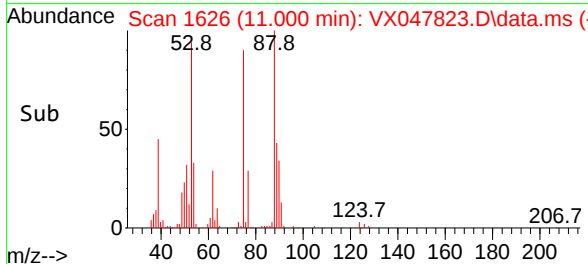
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



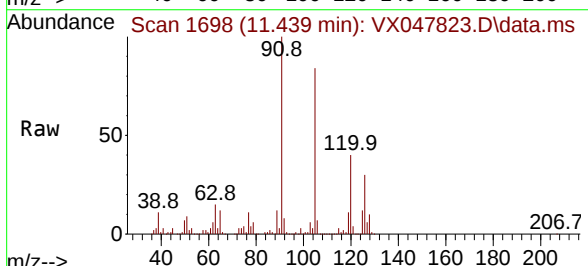
Tgt Ion: 75 Resp: 38514
Ion Ratio Lower Upper
75 100
53 106.1 83.4 125.2
89 47.8 36.3 54.5

Manual Integrations
APPROVED

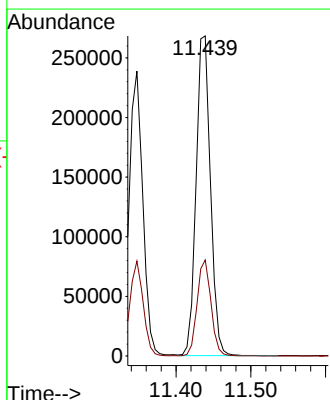
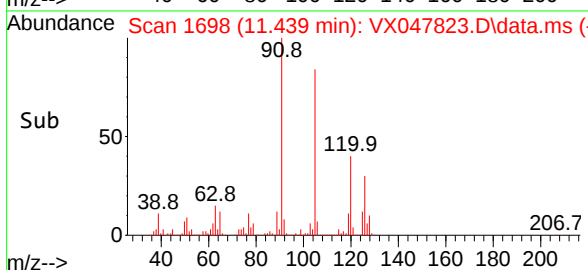
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

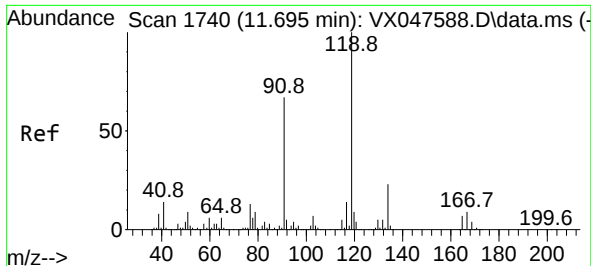


#82
4-Chlorotoluene
Concen: 49.368 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09



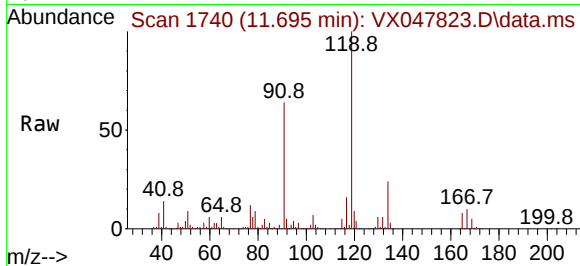
Tgt Ion: 91 Resp: 356913
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.736 ug/l
RT: 11.695 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

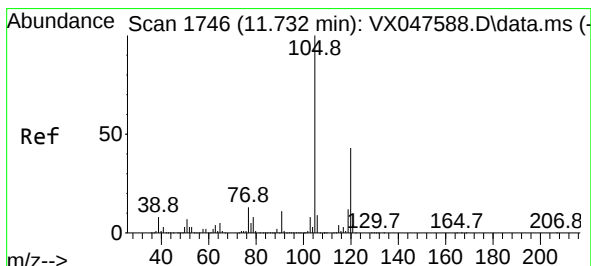
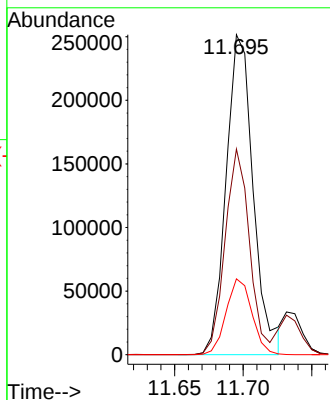
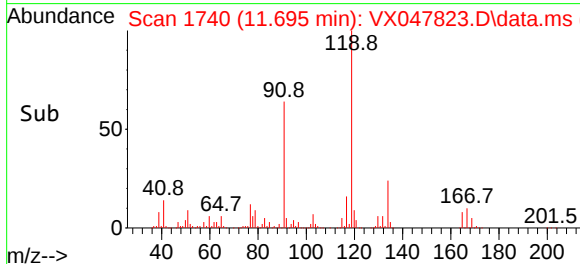
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



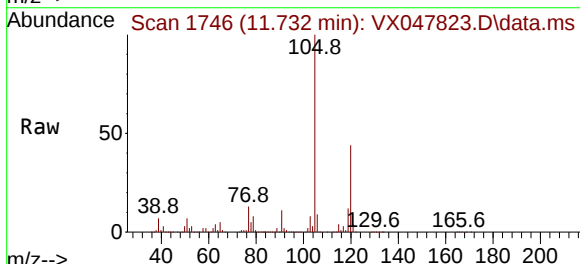
Tgt Ion:119 Resp: 34654
Ion Ratio Lower Upper
119 100
91 58.1 29.6 88.8
134 22.5 11.0 33.0

Manual Integrations
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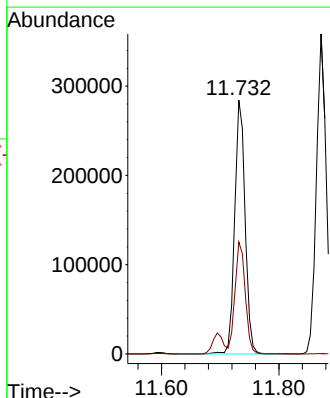
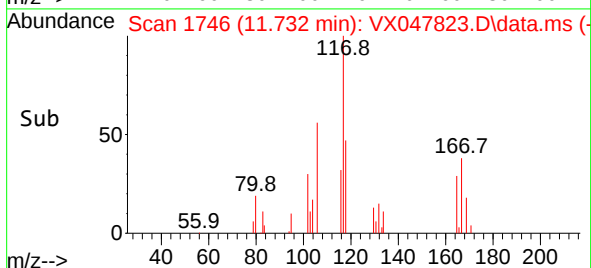
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

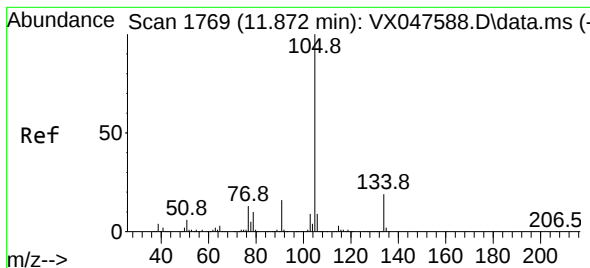


#84
1,2,4-Trimethylbenzene
Concen: 49.770 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09



Tgt Ion:105 Resp: 350492
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.1





#85

sec-Butylbenzene

Concen: 49.318 ug/l

RT: 11.872 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 416534

Ion Ratio Lower Upper

105 100

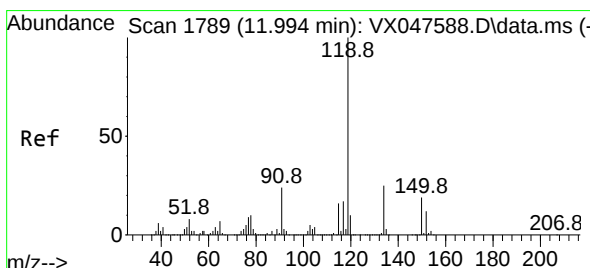
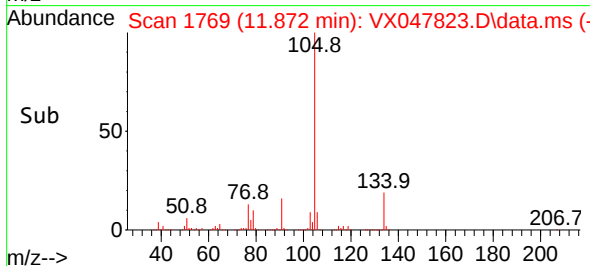
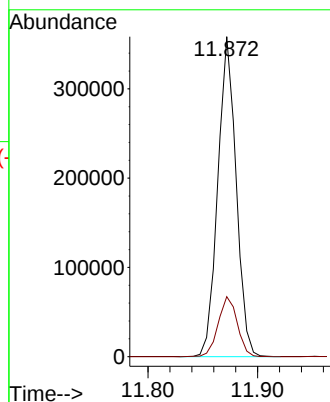
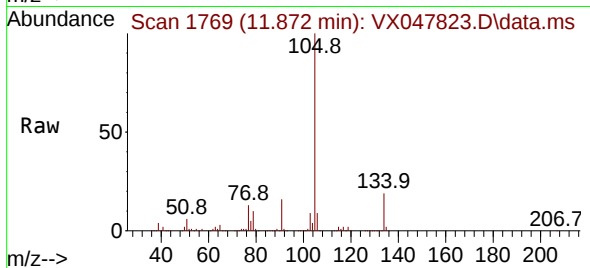
134 19.6 9.8 29.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#86

p-Isopropyltoluene

Concen: 48.843 ug/l

RT: 11.988 min Scan# 1788

Delta R.T. -0.006 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

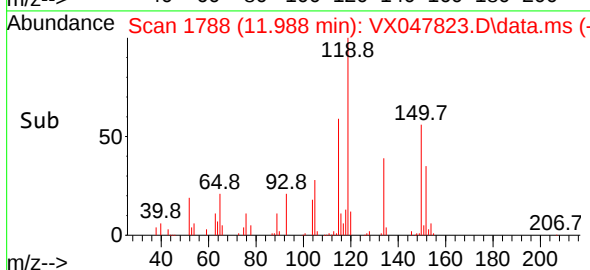
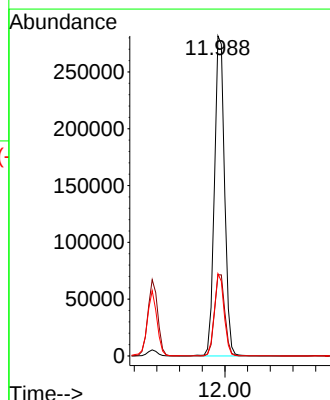
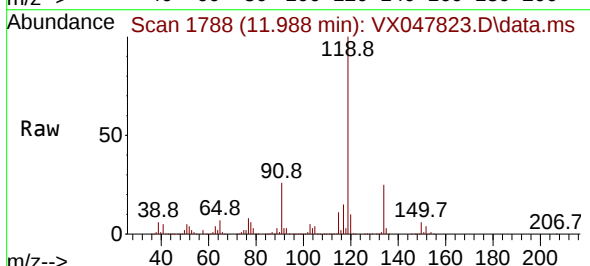
Tgt Ion:119 Resp: 349248

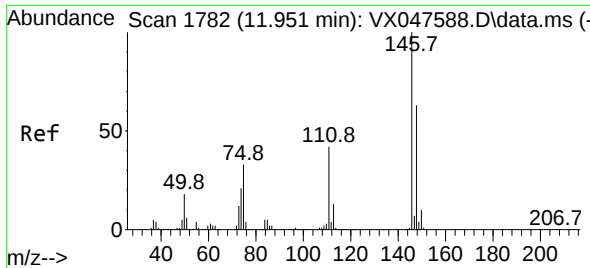
Ion Ratio Lower Upper

119 100

134 26.0 12.6 37.8

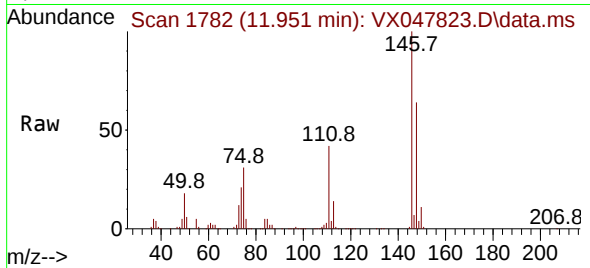
91 24.8 12.6 37.6





#87
 1,3-Dichlorobenzene
 Concen: 49.719 ug/l
 RT: 11.951 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VX047823.D
 Acq: 25 Sep 2025 19:09

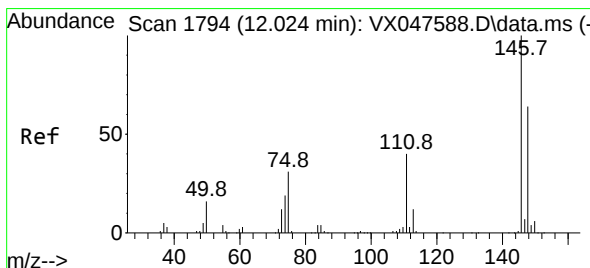
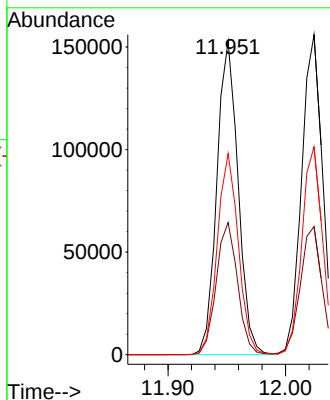
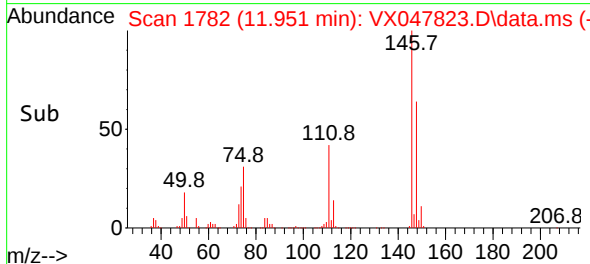
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



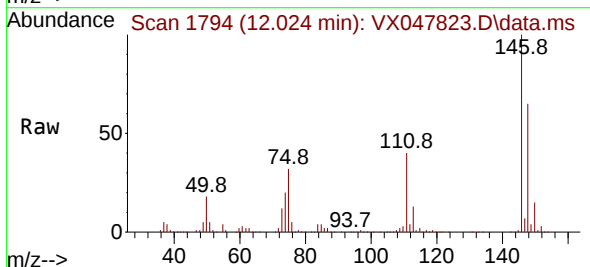
Tgt Ion:146 Resp: 192298
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.5 64.5
 148 63.6 32.0 96.0

Manual Integrations
 APPROVED

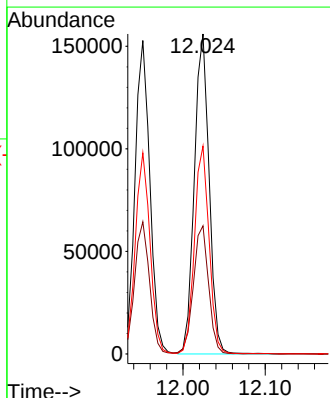
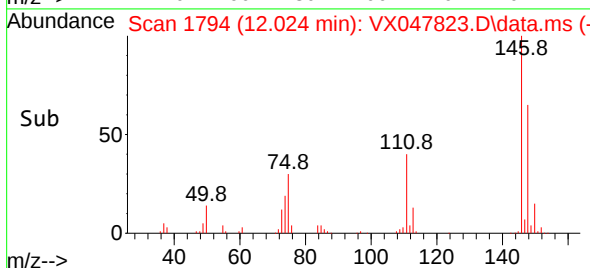
Reviewed By :John Carlone 09/26/2025
 Supervised By :Mahesh Dadoda 09/29/2025

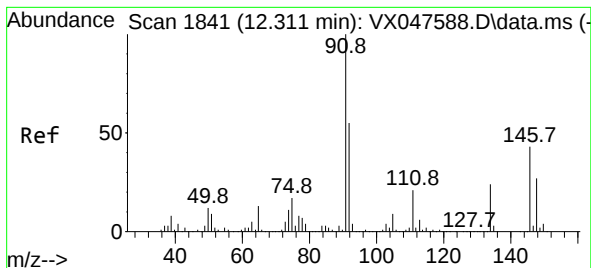


#88
 1,4-Dichlorobenzene
 Concen: 49.222 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX047823.D
 Acq: 25 Sep 2025 19:09



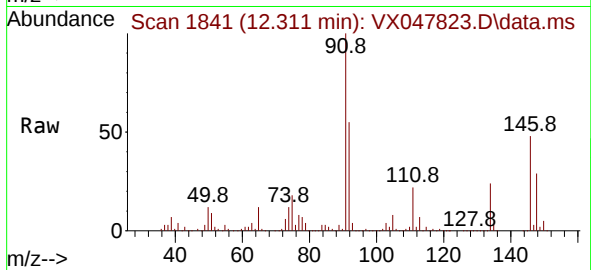
Tgt Ion:146 Resp: 195390
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.4
 148 64.3 31.7 95.1





#89
n-Butylbenzene
Concen: 48.051 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

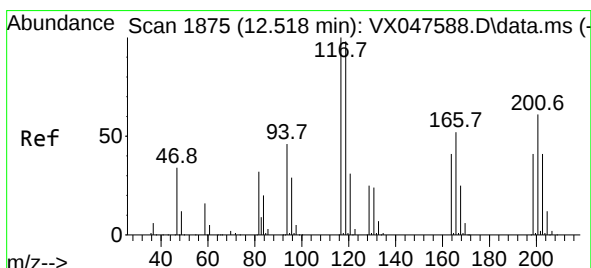
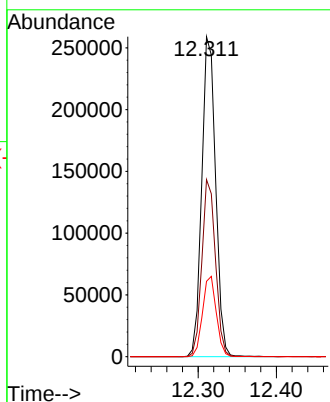
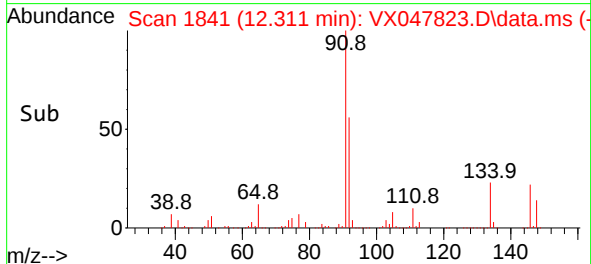
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 317918
Ion Ratio Lower Upper
91 100
92 54.3 27.6 82.7
134 24.9 12.6 37.8

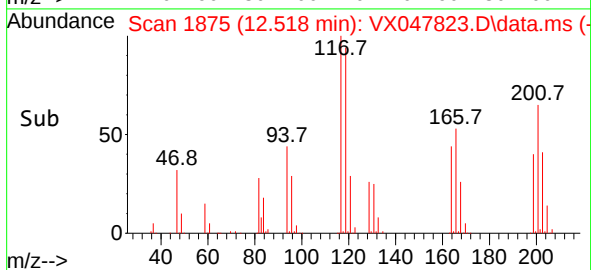
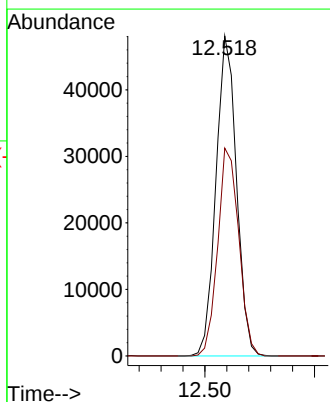
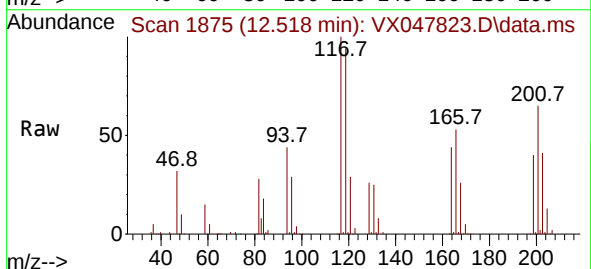
Manual Integrations
APPROVED

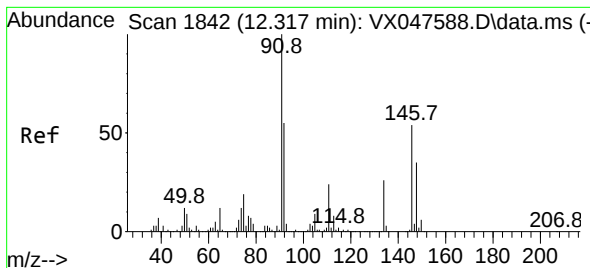
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025



#90
Hexachloroethane
Concen: 49.811 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

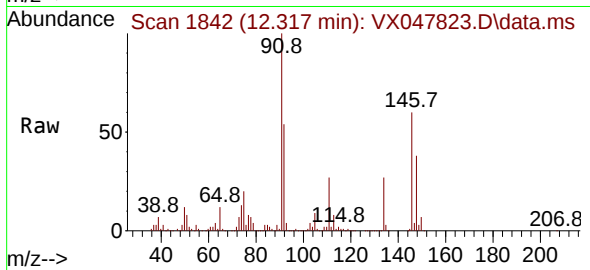
Tgt Ion:117 Resp: 62532
Ion Ratio Lower Upper
117 100
201 66.9 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 51.098 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

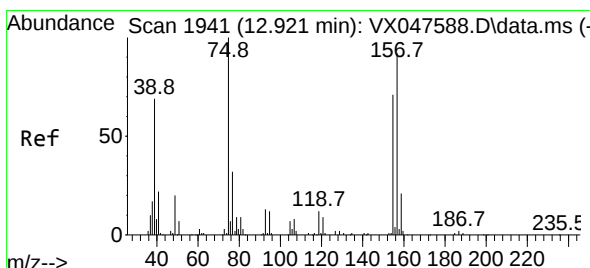
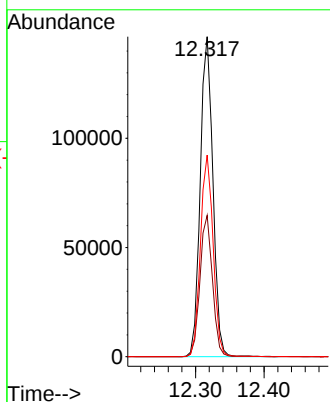
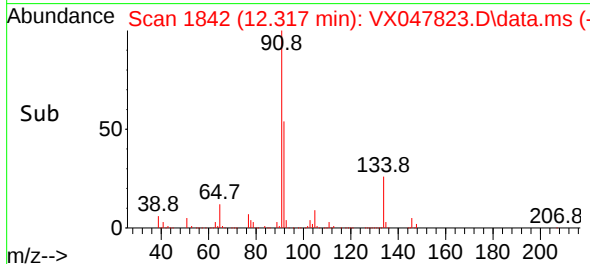
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



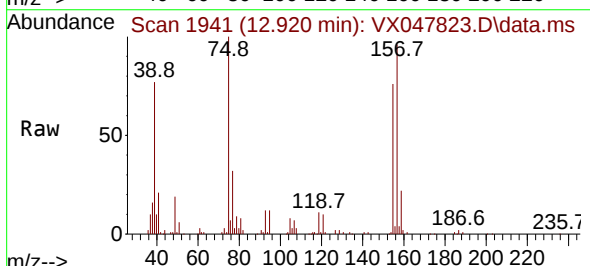
Tgt Ion:146 Resp: 18828
Ion Ratio Lower Upper
146 100
111 43.7 22.2 66.6
148 63.3 31.8 95.4

Manual Integrations
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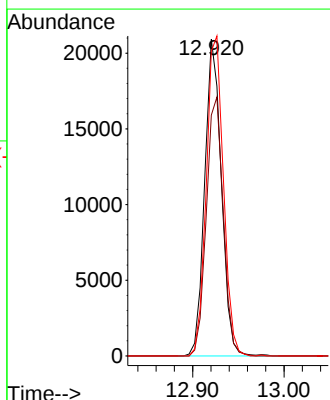
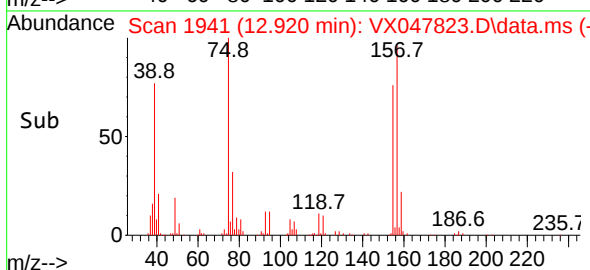
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

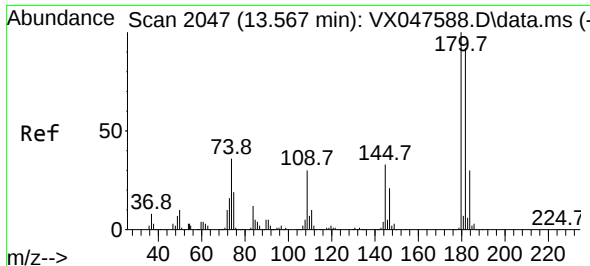


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.962 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09



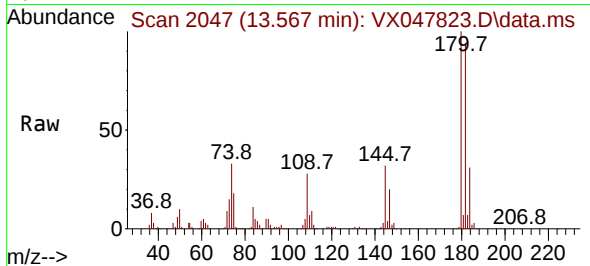
Tgt Ion: 75 Resp: 26392
Ion Ratio Lower Upper
75 100
155 83.3 37.7 113.1
157 103.8 49.8 149.4





#93
1,2,4-Trichlorobenzene
Concen: 48.516 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09

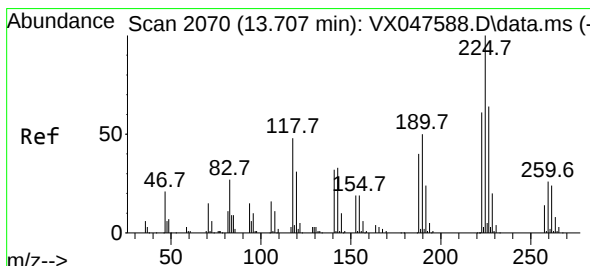
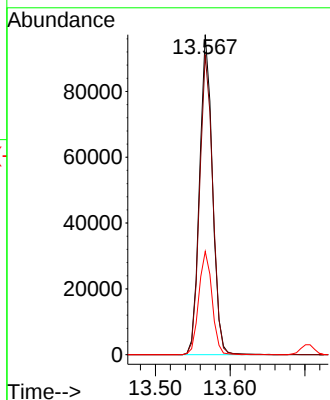
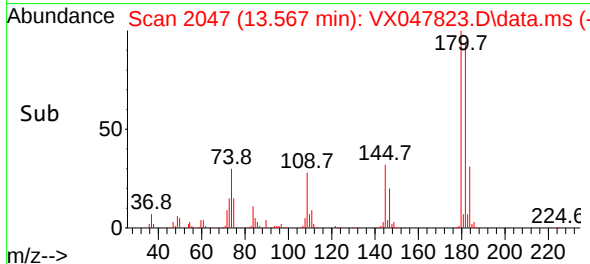
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



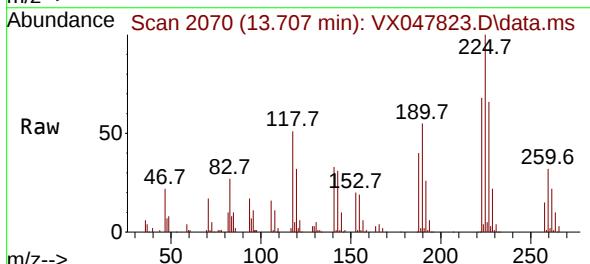
Tgt Ion:180 Resp: 11618
Ion Ratio Lower Upper
180 100
182 95.4 46.6 139.8
145 33.1 16.4 49.1

Manual Integrations
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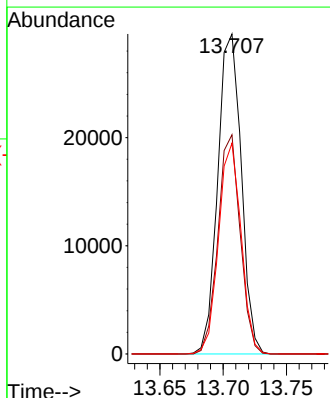
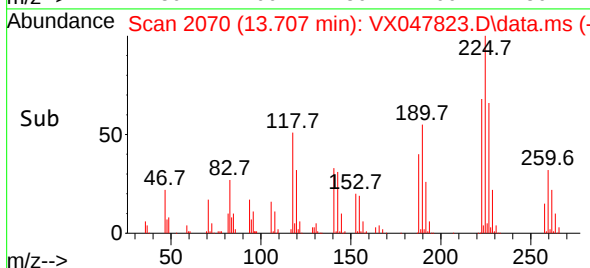
Reviewed By :John Carlone 09/26/2025
Supervised By :Mahesh Dadoda 09/29/2025

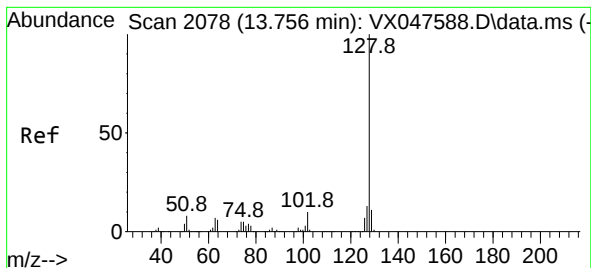


#94
Hexachlorobutadiene
Concen: 46.880 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047823.D
Acq: 25 Sep 2025 19:09



Tgt Ion:225 Resp: 38133
Ion Ratio Lower Upper
225 100
223 64.8 31.7 95.1
227 63.1 32.0 96.0





#95

Naphthalene

Concen: 52.100 ug/l

RT: 13.756 min Scan# 2078

Delta R.T. -0.000 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

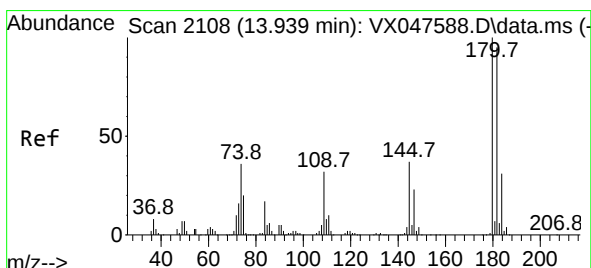
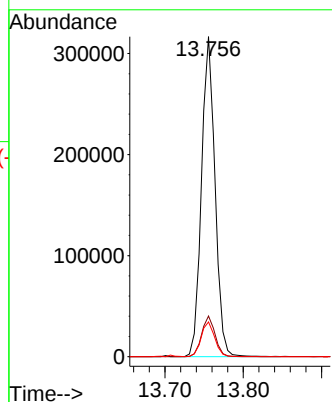
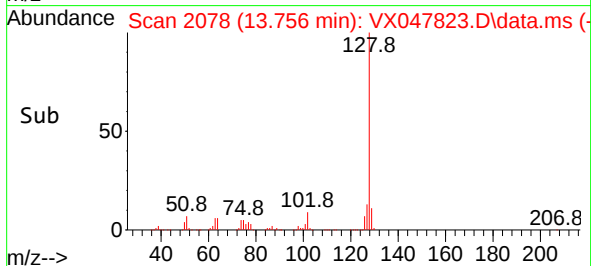
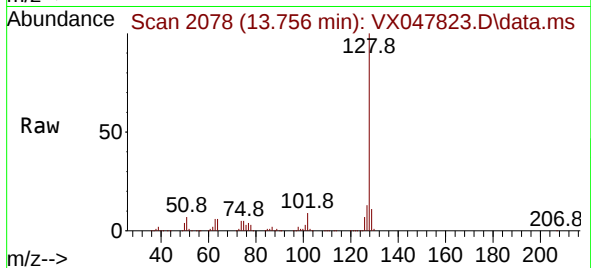
Tgt Ion:	128	Resp:	37992
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.2
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/26/2025

Supervised By :Mahesh Dadoda 09/29/2025



#96

1,2,3-Trichlorobenzene

Concen: 50.796 ug/l

RT: 13.939 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VX047823.D

Acq: 25 Sep 2025 19:09

Tgt Ion:	180	Resp:	113155
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.6	142.8
145	34.5	17.9	53.7

