

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048280.D
 Acq On : 22 Oct 2025 08:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Oct 24 05:49:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	112883	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	171616	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	151325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	76595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	76366	48.250	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.500%		
35) Dibromofluoromethane	5.367	113	60534	51.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.340%		
50) Toluene-d8	8.628	98	203851	49.640	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.280%		
62) 4-Bromofluorobenzene	11.061	95	75540	48.352	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	65265	56.241	ug/l	99
3) Chloromethane	1.300	50	49425	45.630	ug/l	99
4) Vinyl Chloride	1.380	62	47382	47.239	ug/l	100
5) Bromomethane	1.611	94	33539	49.271	ug/l	97
6) Chloroethane	1.691	64	28903	49.038	ug/l	95
7) Trichlorofluoromethane	1.892	101	107357	55.808	ug/l	97
8) Diethyl Ether	2.136	74	26023	48.077	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	68490	56.225	ug/l	96
10) Methyl Iodide	2.453	142	87087	56.868	ug/l	98
11) Tert butyl alcohol	2.940	59	35785	227.724	ug/l	100
12) 1,1-Dichloroethene	2.319	96	62744	52.943	ug/l	94
13) Acrolein	2.233	56	48081	300.005	ug/l	99
14) Allyl chloride	2.660	41	94077	47.813	ug/l	91
15) Acrylonitrile	3.050	53	131715	232.450	ug/l	98
16) Acetone	2.373	43	154383	284.337	ug/l	99
17) Carbon Disulfide	2.514	76	177992	47.654	ug/l	99
18) Methyl Acetate	2.697	43	51668	45.566	ug/l	93
19) Methyl tert-butyl Ether	3.105	73	209570	51.835	ug/l	93
20) Methylene Chloride	2.788	84	68678	51.912	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	68104	52.315	ug/l	99
22) Diisopropyl ether	3.745	45	196556	50.085	ug/l #	96
23) Vinyl Acetate	3.709	43	777072	247.880	ug/l	96
24) 1,1-Dichloroethane	3.599	63	120039	50.586	ug/l	100
25) 2-Butanone	4.532	43	167713	244.037	ug/l	97
26) 2,2-Dichloropropane	4.458	77	115554	53.950	ug/l	98
27) cis-1,2-Dichloroethene	4.471	96	77266	50.857	ug/l	100
28) Bromochloromethane	4.879	49	50491	51.316	ug/l #	80
29) Tetrahydrofuran	4.983	42	90001	218.666	ug/l	91
30) Chloroform	5.074	83	130715	51.559	ug/l	94
31) Cyclohexane	5.452	56	98916	50.349	ug/l	86
32) 1,1,1-Trichloroethane	5.361	97	128292	54.907	ug/l	97
36) 1,1-Dichloropropene	5.672	75	89311	53.632	ug/l	99
37) Ethyl Acetate	4.696	43	64504	46.733	ug/l	95
38) Carbon Tetrachloride	5.659	117	117550	57.216	ug/l	96
39) Methylcyclohexane	7.360	83	108726	55.285	ug/l	93
40) Benzene	6.013	78	253259	52.383	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.897	41	35771	49.349	ug/l	93
42) 1,2-Dichloroethane	6.068	62	100501	56.333	ug/l	100
43) Isopropyl Acetate	6.312	43	108948	48.053	ug/l #	95
44) Trichloroethene	7.104	130	69227	54.227	ug/l	95
45) 1,2-Dichloropropane	7.409	63	59904	52.114	ug/l	97
46) Dibromomethane	7.562	93	47300	52.817	ug/l	93
47) Bromodichloromethane	7.799	83	106527	55.092	ug/l	96
48) Methyl methacrylate	7.671	41	56901	49.735	ug/l	94
49) 1,4-Dioxane	7.641	88	14380	951.387	ug/l	92
51) 4-Methyl-2-Pentanone	8.555	43	310242	237.329	ug/l	94
52) Toluene	8.702	92	163729	53.307	ug/l	99
53) t-1,3-Dichloropropene	8.958	75	101924	54.699	ug/l	99
54) cis-1,3-Dichloropropene	8.348	75	107258	53.352	ug/l	94
55) 1,1,2-Trichloroethane	9.134	97	59586	52.167	ug/l	98
56) Ethyl methacrylate	9.098	69	84986	50.869	ug/l	95
57) 1,3-Dichloropropane	9.287	76	101491	52.019	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.220	63	229383	255.311	ug/l	94
59) 2-Hexanone	9.409	43	240369	263.703	ug/l	95
60) Dibromochloromethane	9.500	129	80645	52.530	ug/l	98
61) 1,2-Dibromoethane	9.592	107	64007	52.565	ug/l	96
64) Tetrachloroethene	9.256	164	60402	53.469	ug/l	95
65) Chlorobenzene	10.061	112	182674	53.663	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.146	131	68462	54.756	ug/l	98
67) Ethyl Benzene	10.177	91	314516	54.267	ug/l	96
68) m/p-Xylenes	10.281	106	236784	109.959	ug/l	98
69) o-Xylene	10.622	106	113014	54.361	ug/l	100
70) Styrene	10.634	104	197941	55.916	ug/l	99
71) Bromoform	10.780	173	53116	53.153	ug/l #	100
73) Isopropylbenzene	10.945	105	304903	54.500	ug/l	100
74) N-amyl acetate	10.823	43	96095	48.424	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.195	83	75307	49.292	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	63201m	50.882	ug/l	
77) Bromobenzene	11.177	156	75059	53.507	ug/l	93
78) n-propylbenzene	11.286	91	356264	55.000	ug/l	98
79) 2-Chlorotoluene	11.347	91	212434	54.093	ug/l	100
80) 1,3,5-Trimethylbenzene	11.433	105	253794	54.818	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.000	75	25680	50.299	ug/l	96
82) 4-Chlorotoluene	11.433	91	250734	53.783	ug/l	99
83) tert-Butylbenzene	11.695	119	254160	53.430	ug/l	99
84) 1,2,4-Trimethylbenzene	11.732	105	252256	54.596	ug/l	99
85) sec-Butylbenzene	11.872	105	309120	54.013	ug/l	100
86) p-Isopropyltoluene	11.988	119	269139	54.408	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	137722	52.079	ug/l	99
88) 1,4-Dichlorobenzene	12.018	146	139405	50.886	ug/l	99
89) n-Butylbenzene	12.311	91	235632	52.334	ug/l	99
90) Hexachloroethane	12.518	117	49234	50.400	ug/l	92
91) 1,2-Dichlorobenzene	12.317	146	129743	52.256	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.920	75	15838	51.071	ug/l	96
93) 1,2,4-Trichlorobenzene	13.567	180	85647	51.009	ug/l	97
94) Hexachlorobutadiene	13.707	225	34001	54.034	ug/l	99
95) Naphthalene	13.756	128	226945	51.017	ug/l	100
96) 1,2,3-Trichlorobenzene	13.938	180	78971	51.255	ug/l	98

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QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

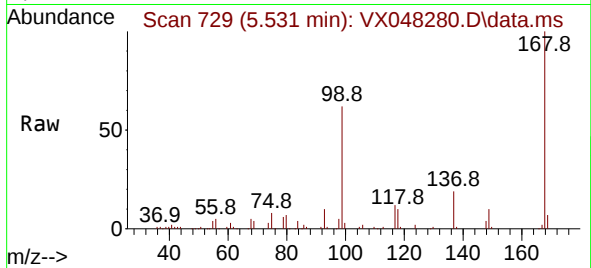
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX048280.D
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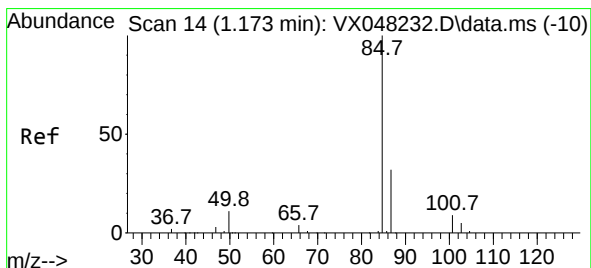
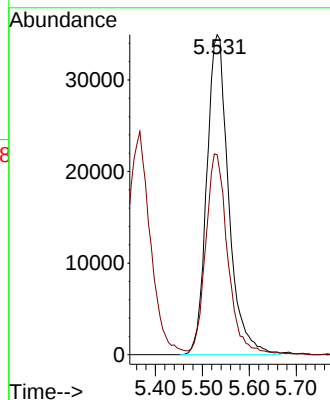
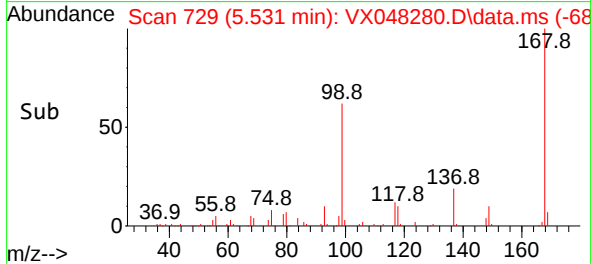
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 11288
Ion Ratio Lower Upper
168 100
99 62.0 46.4 69.6

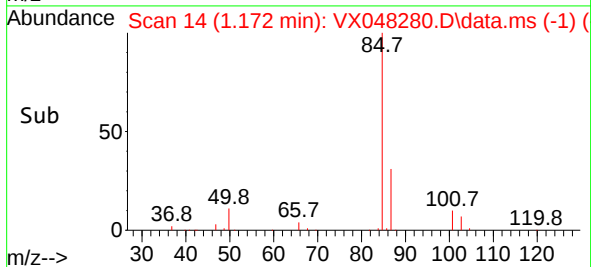
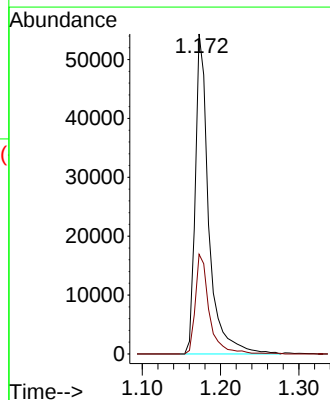
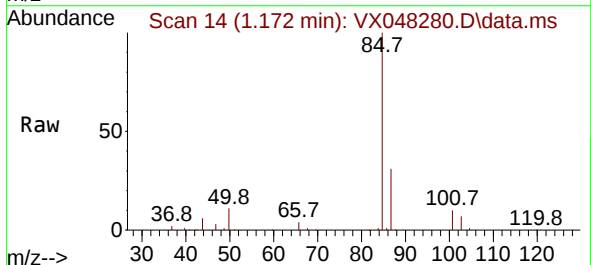
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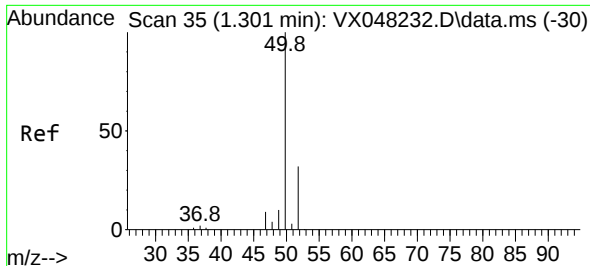
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#2
Dichlorodifluoromethane
Concen: 56.241 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 85 Resp: 65265
Ion Ratio Lower Upper
85 100
87 31.2 15.3 45.9





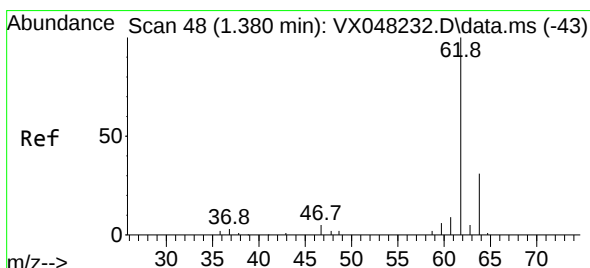
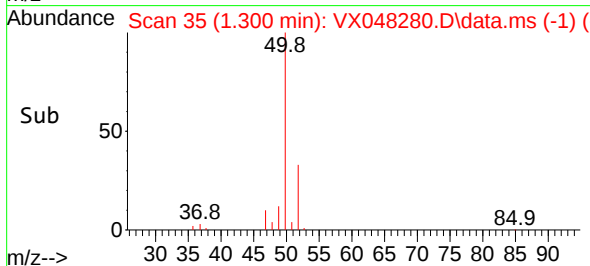
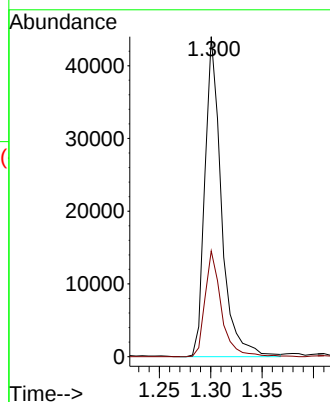
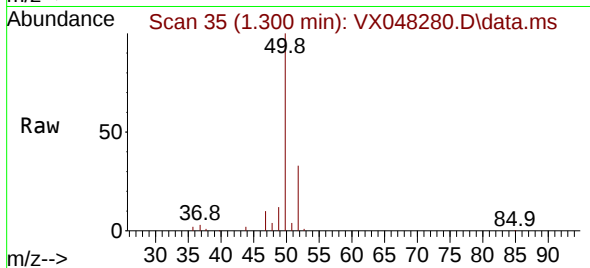
#3
Chloromethane
Concen: 45.630 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048280.D
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Tgt Ion: 50 Resp: 49425
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9

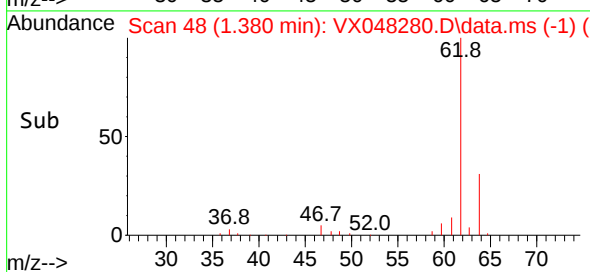
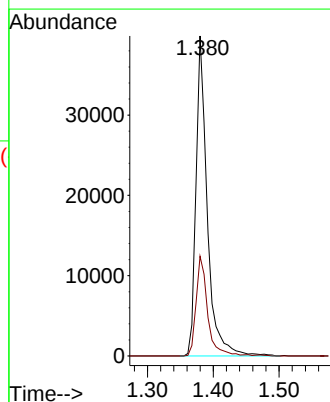
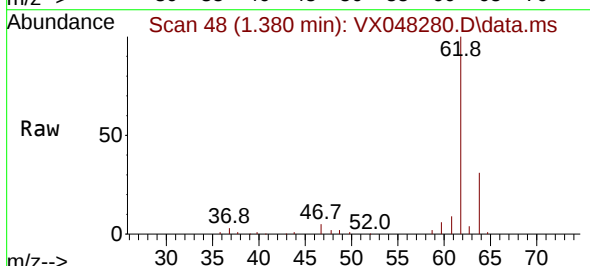
Manual Integrations
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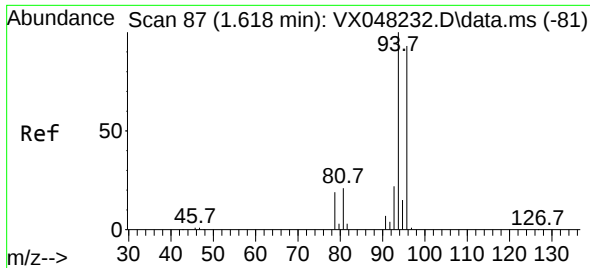
Reviewed By :John Carlone 10/24/2025
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#4
Vinyl Chloride
Concen: 47.239 ug/l
RT: 1.380 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

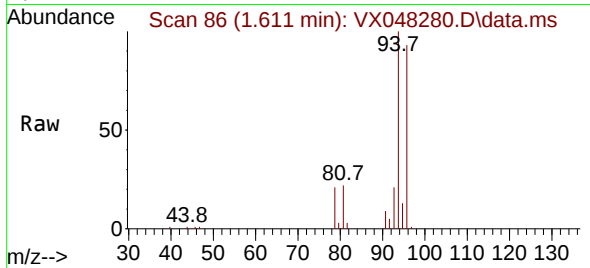
Tgt Ion: 62 Resp: 47382
Ion Ratio Lower Upper
62 100
64 31.2 25.1 37.7





#5
Bromomethane
Concen: 49.271 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

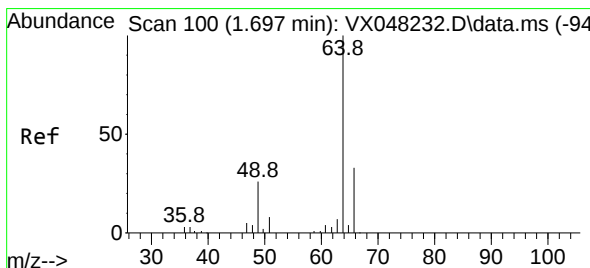
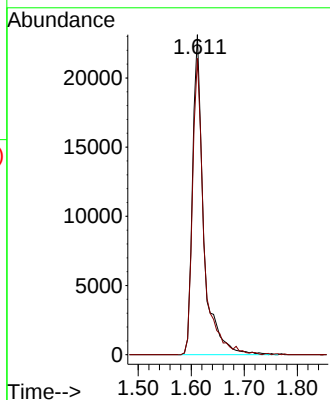
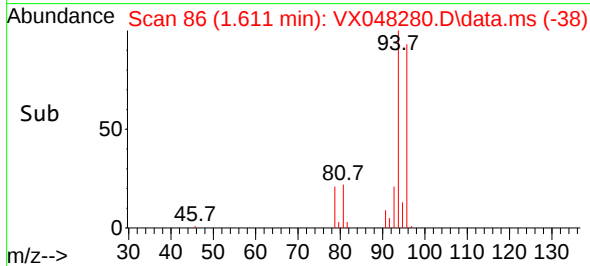
Instrument :
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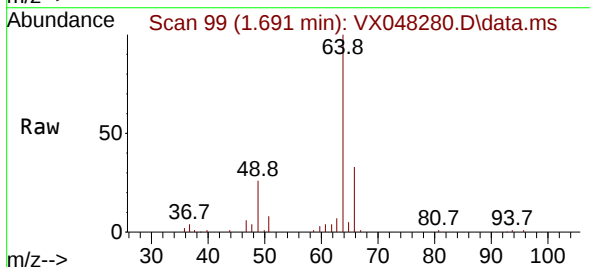
Tgt Ion: 94 Resp: 33539
Ion Ratio Lower Upper
94 100
96 92.5 76.0 114.0

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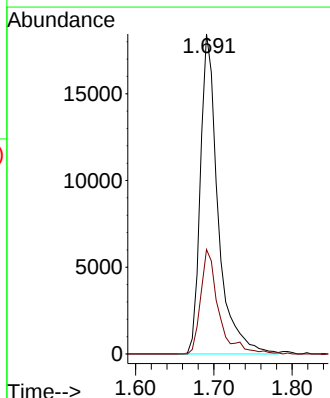
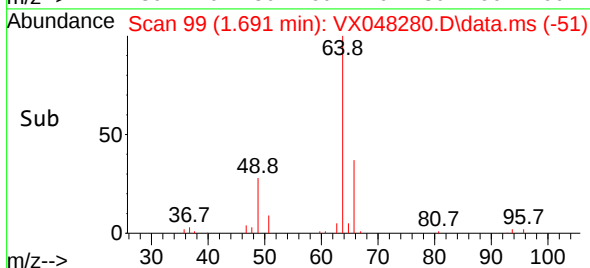
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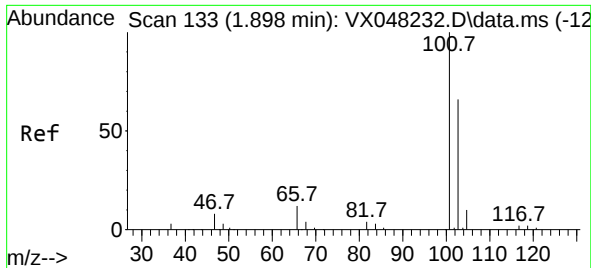


#6
Chloroethane
Concen: 49.038 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX048280.D
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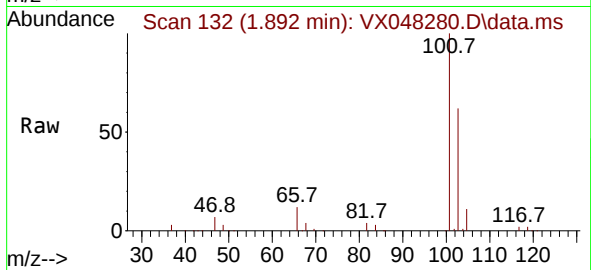
Tgt Ion: 64 Resp: 28903
Ion Ratio Lower Upper
64 100
66 32.7 23.9 35.9





#7
Trichlorofluoromethane
Concen: 55.808 ug/l
RT: 1.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048280.D
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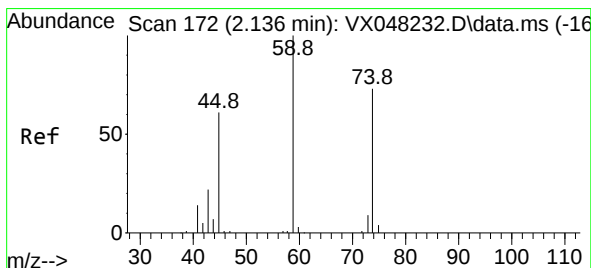
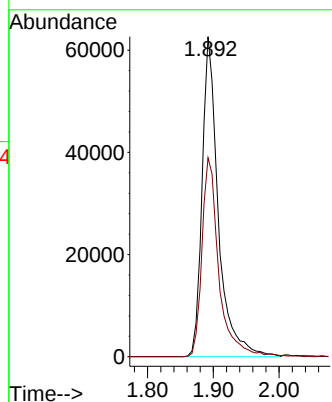
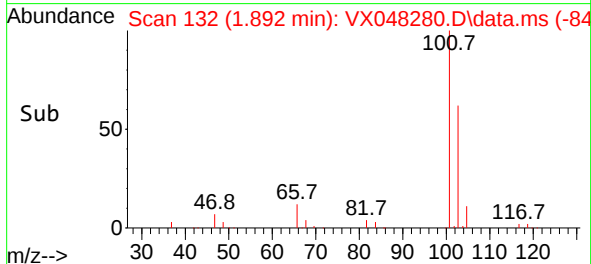
Instrument :
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Tgt Ion:101 Resp: 10735
Ion Ratio Lower Upper
101 100
103 62.2 51.6 77.4

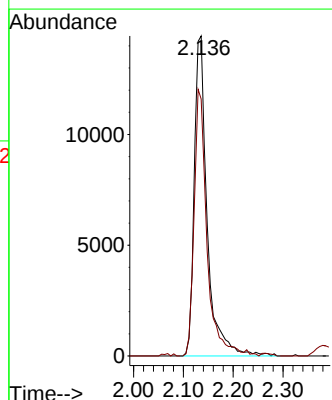
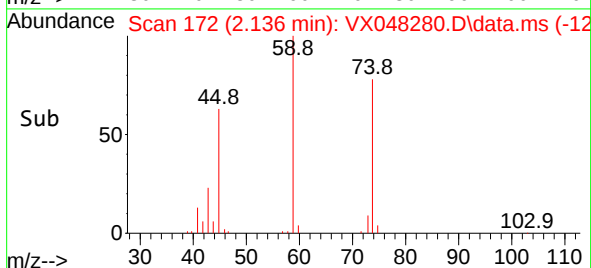
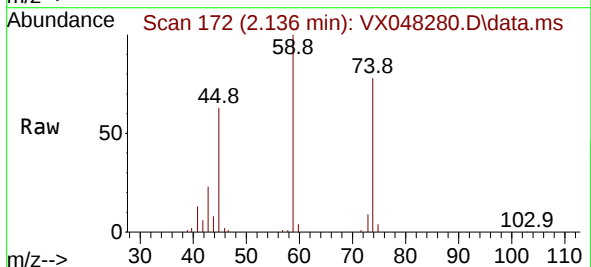
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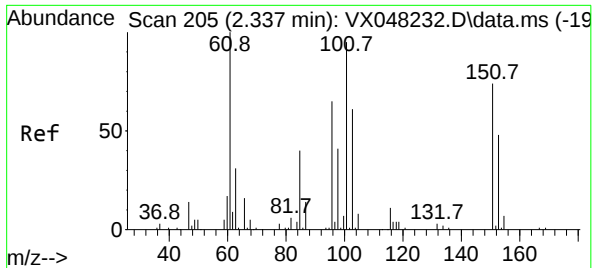
Reviewed By :John Carlone 10/24/2025
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#8
Diethyl Ether
Concen: 48.077 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

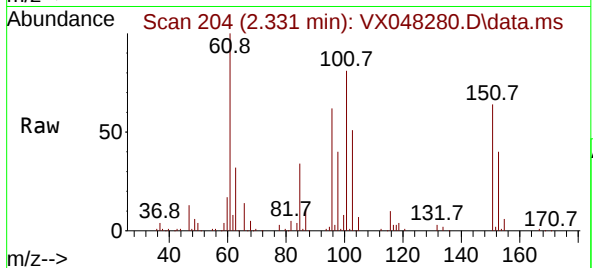
Tgt Ion: 74 Resp: 26023
Ion Ratio Lower Upper
74 100
45 83.1 50.0 149.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.225 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX048280.D
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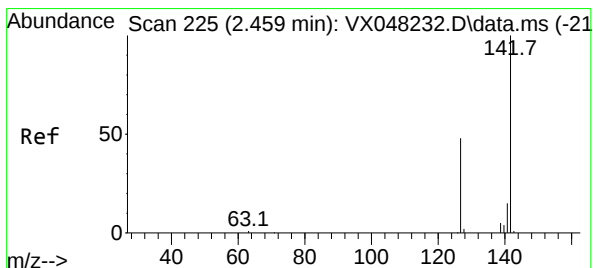
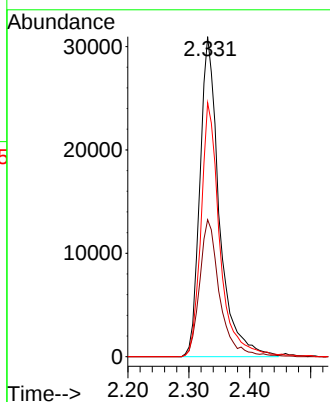
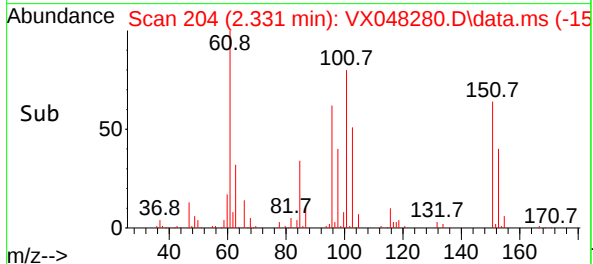
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VSTDCCC050



Tgt Ion:101 Resp: 68490
Ion Ratio Lower Upper
101 100
85 44.2 35.6 53.4
151 77.3 58.0 87.0

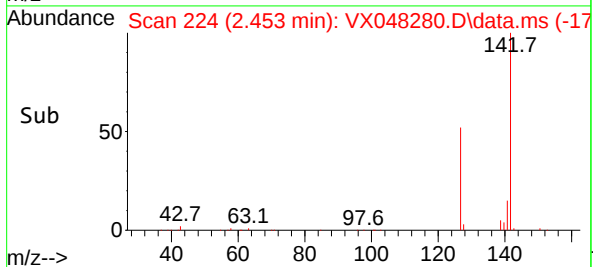
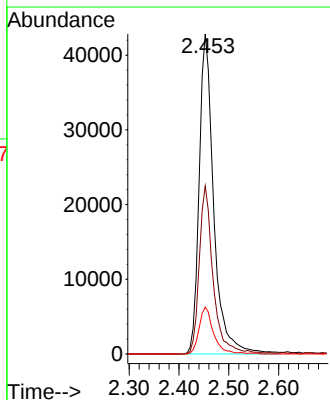
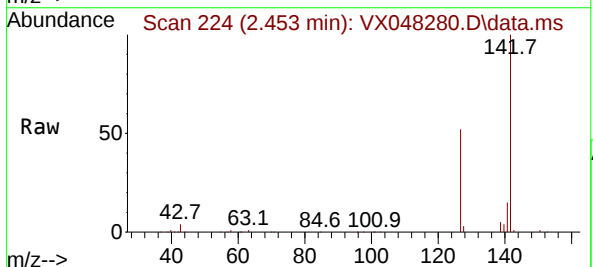
Manual Integrations
APPROVED

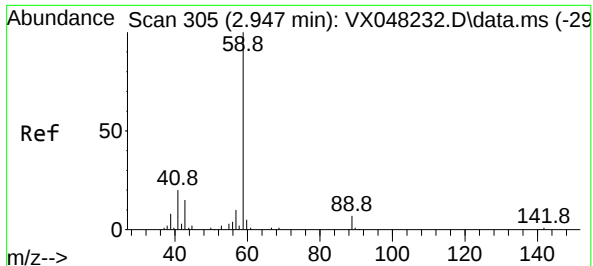
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#10
Methyl Iodide
Concen: 56.868 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

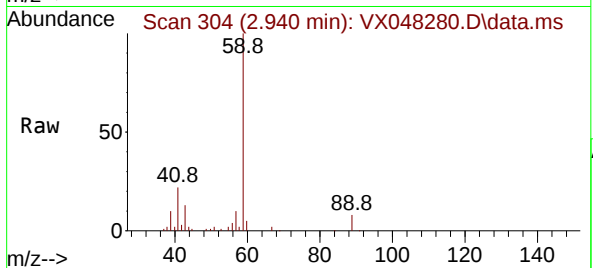
Tgt Ion:142 Resp: 87087
Ion Ratio Lower Upper
142 100
127 49.9 38.5 57.7
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 227.724 ug/l
RT: 2.940 min Scan# 305
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

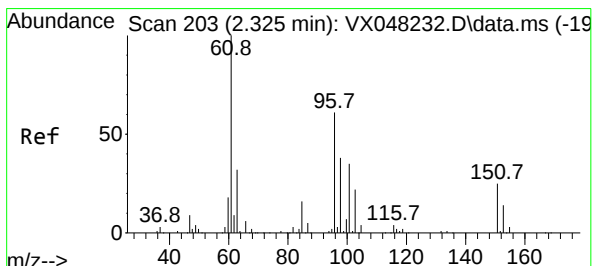
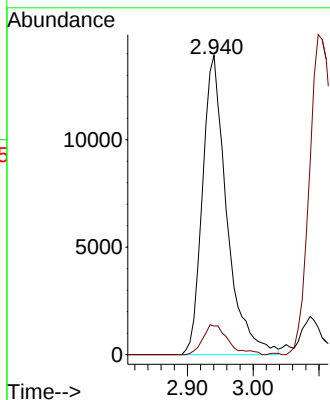
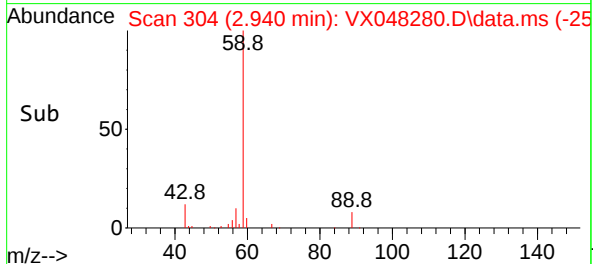
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 3578
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

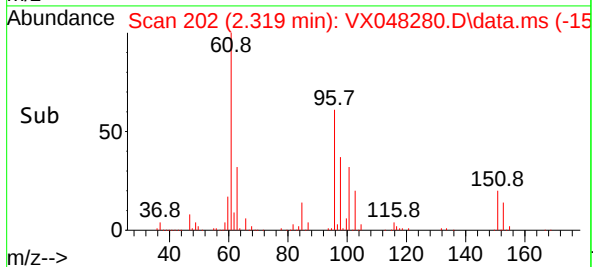
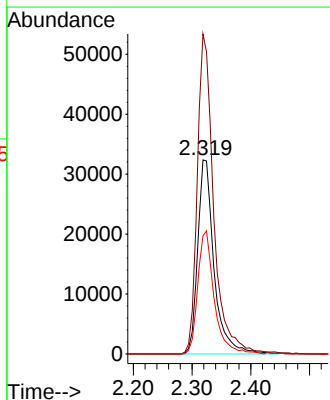
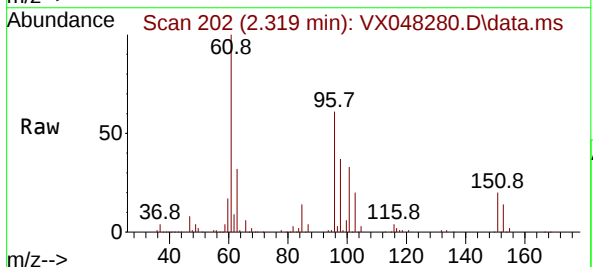
Manual Integrations
APPROVED

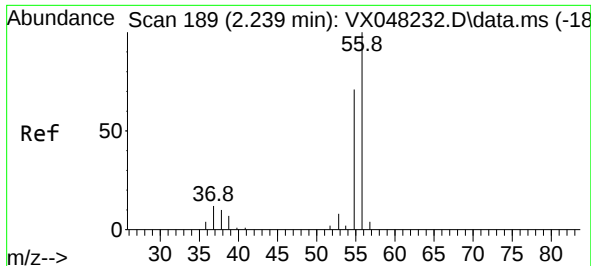
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#12
1,1-Dichloroethene
Concen: 52.943 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

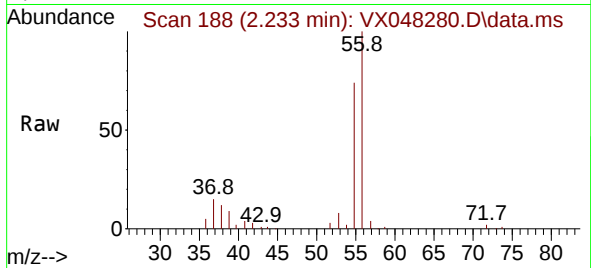
Tgt Ion: 96 Resp: 62744
Ion Ratio Lower Upper
96 100
61 164.9 139.0 208.6
98 63.0 52.4 78.6





#13
Acrolein
Concen: 300.005 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

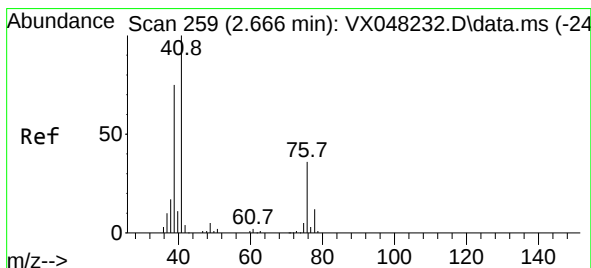
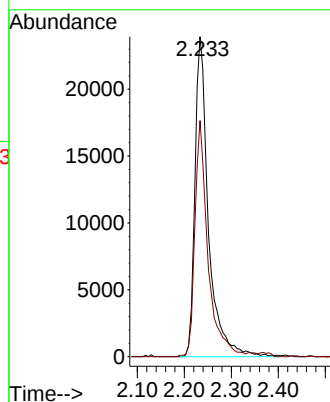
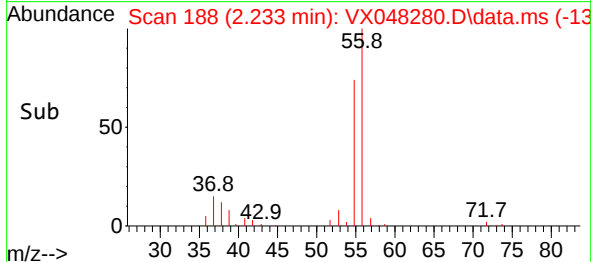
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion: 56 Resp: 4808
Ion Ratio Lower Upper
56 100
55 71.2 56.1 84.1

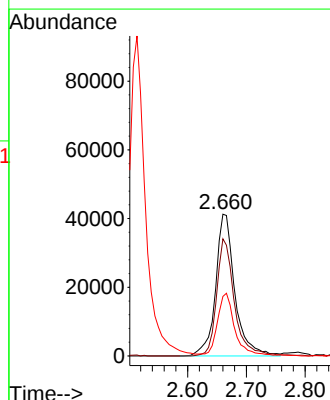
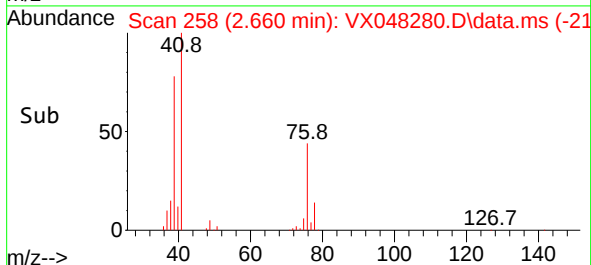
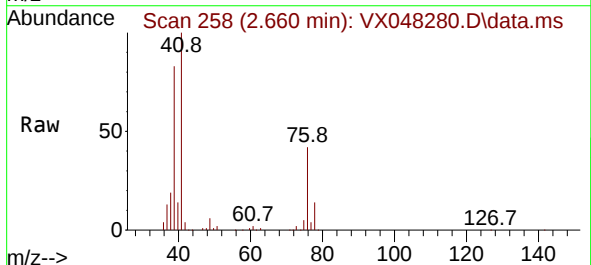
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 47.813 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

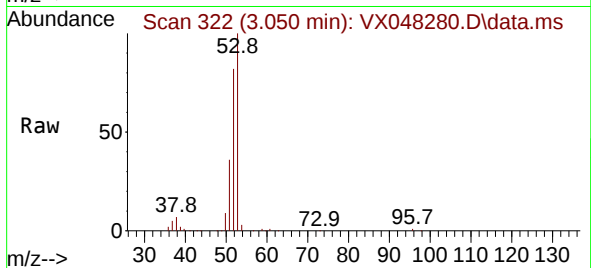
Tgt Ion: 41 Resp: 94077
Ion Ratio Lower Upper
41 100
39 76.3 56.0 84.0
76 40.4 27.5 41.3





#15
Acrylonitrile
Concen: 232.450 ug/l
RT: 3.050 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

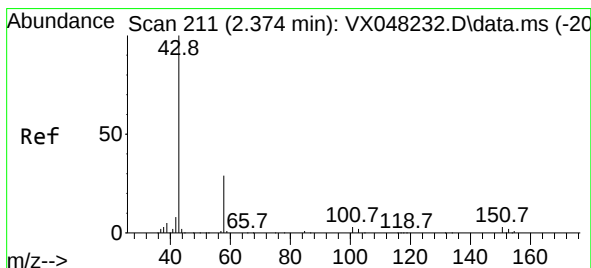
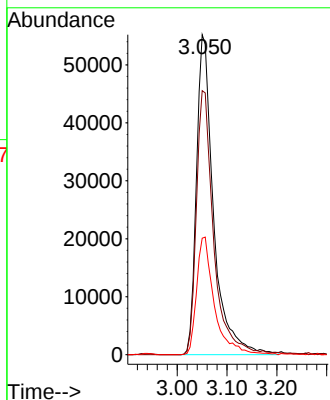
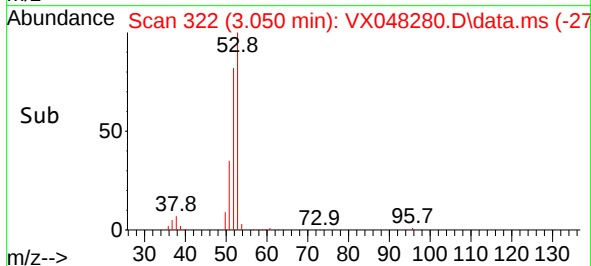
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 131715
Ion Ratio Lower Upper
53 100
52 83.7 66.1 99.1
51 38.2 29.0 43.4

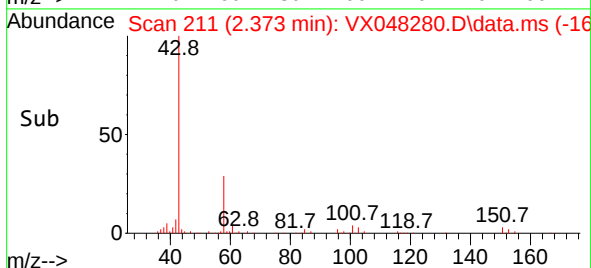
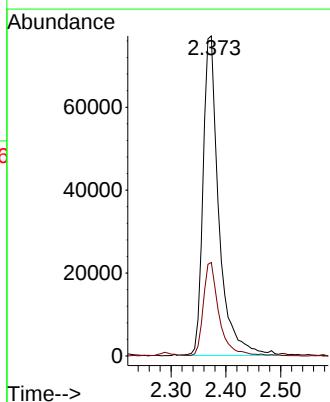
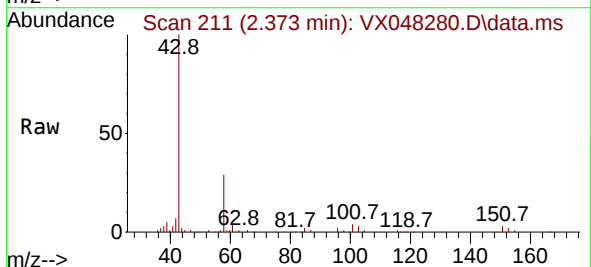
Manual Integrations
APPROVED

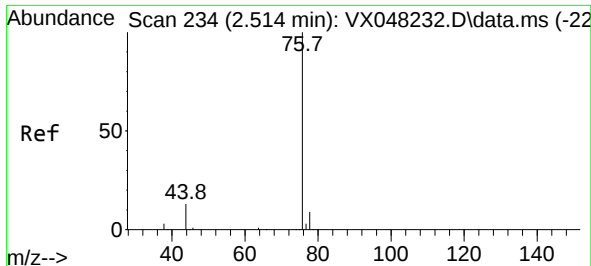
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#16
Acetone
Concen: 284.337 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 154383
Ion Ratio Lower Upper
43 100
58 29.0 23.4 35.2





#17

Carbon Disulfide

Concen: 47.654 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 177992

Ion Ratio Lower Upper

76 100

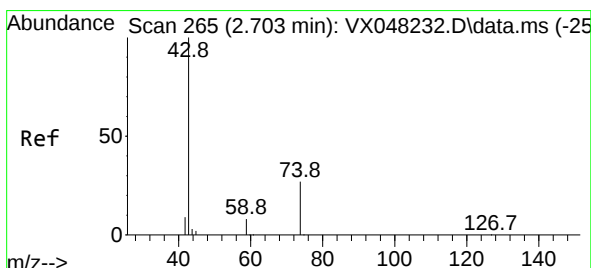
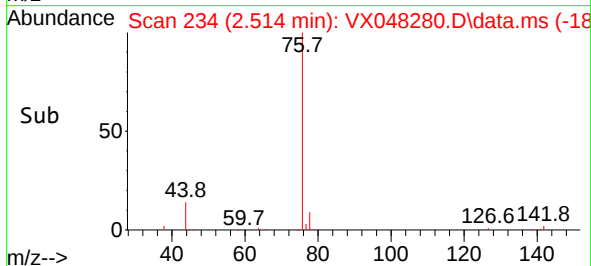
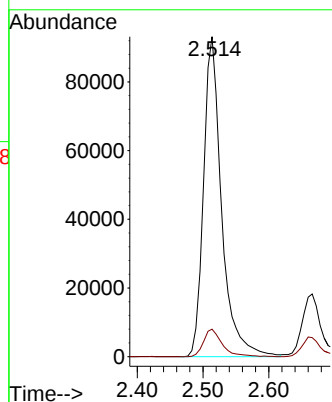
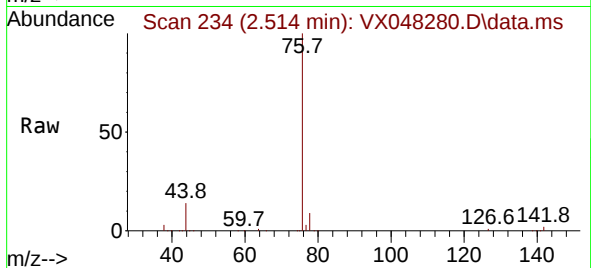
78 8.6 7.1 10.7

Manual Integrations

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Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#18

Methyl Acetate

Concen: 45.566 ug/l

RT: 2.697 min Scan# 264

Delta R.T. -0.000 min

Lab File: VX048280.D

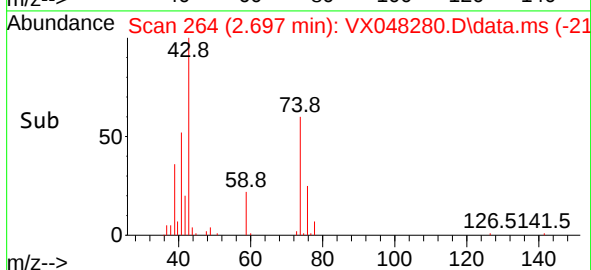
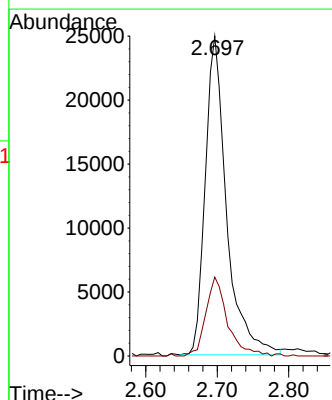
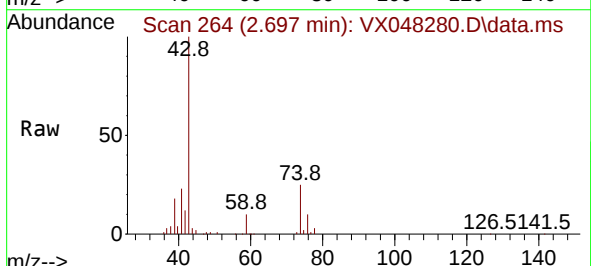
Acq: 22 Oct 2025 08:37

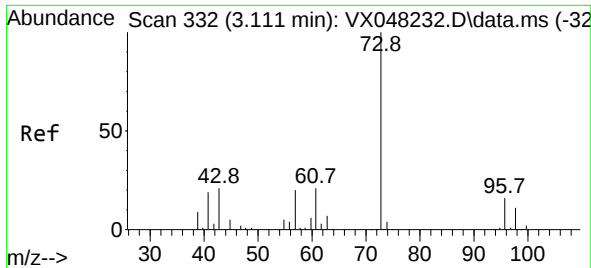
Tgt Ion: 43 Resp: 51668

Ion Ratio Lower Upper

43 100

74 25.0 17.5 26.3





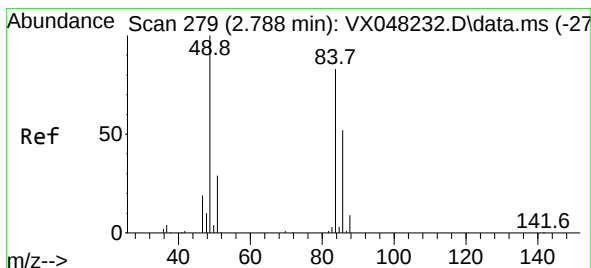
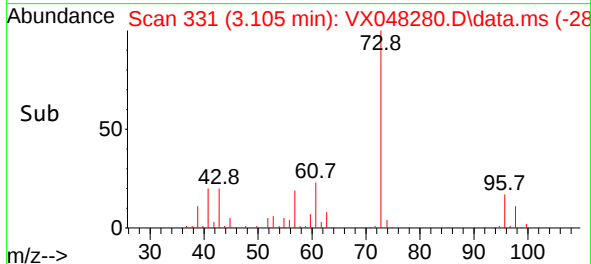
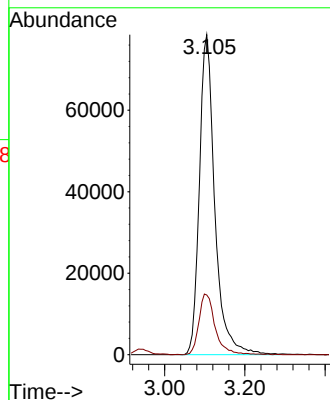
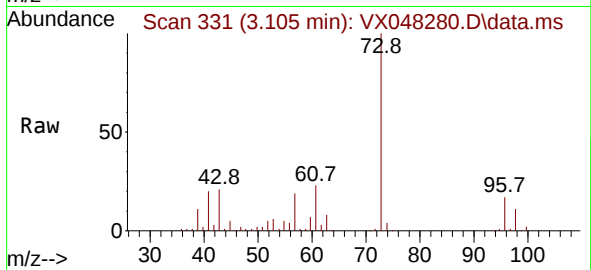
#19
Methyl tert-butyl Ether
Concen: 51.835 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 209570
Ion Ratio Lower Upper
73 100
57 18.6 17.7 26.5

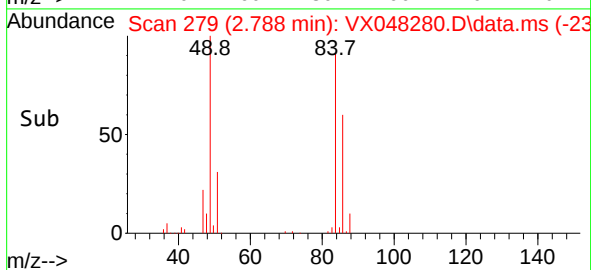
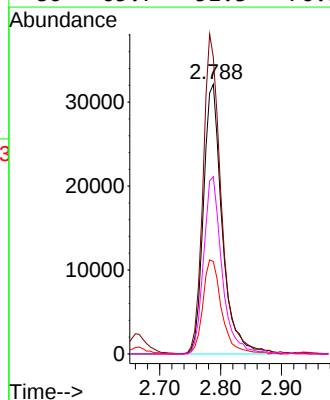
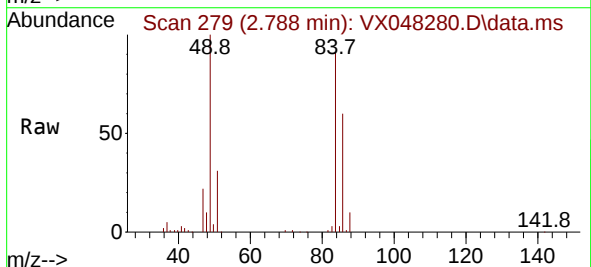
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 51.912 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

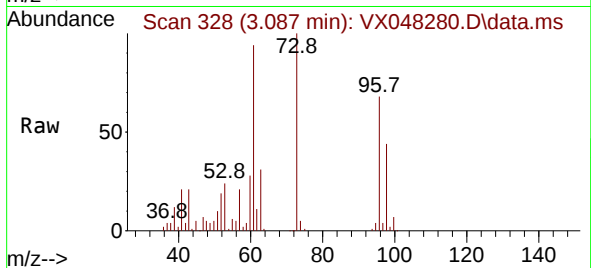
Tgt Ion: 84 Resp: 68678
Ion Ratio Lower Upper
84 100
49 109.8 104.1 156.1
51 34.3 31.3 46.9
86 65.7 51.3 76.9





#21
trans-1,2-Dichloroethene
Concen: 52.315 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

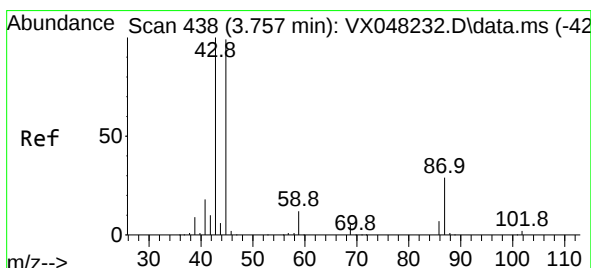
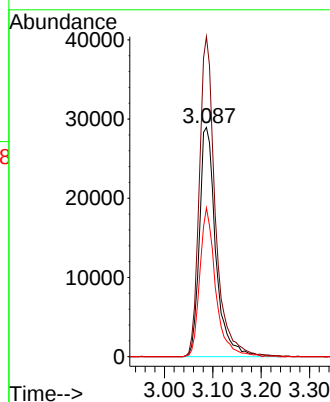
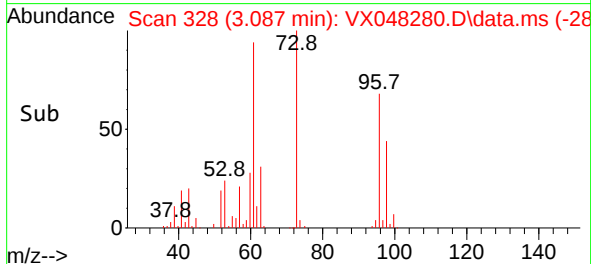
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 68104
Ion Ratio Lower Upper
96 100
61 139.6 111.9 167.9
98 64.9 51.2 76.8

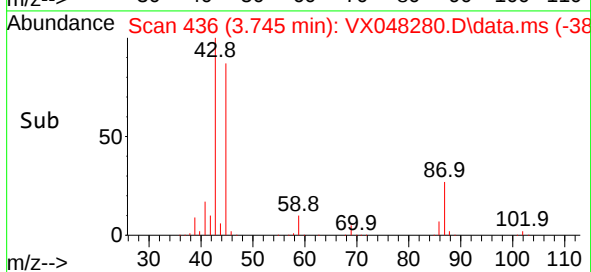
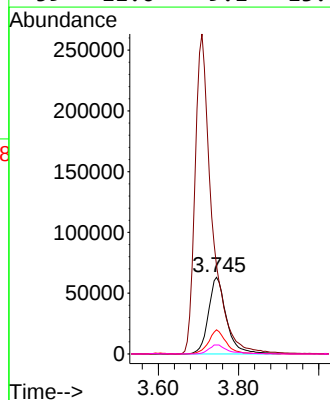
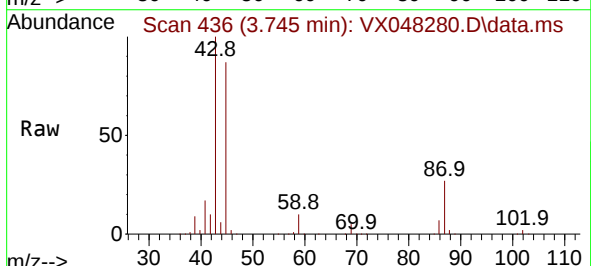
Manual Integrations
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Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#22
Diisopropyl ether
Concen: 50.085 ug/l
RT: 3.745 min Scan# 436
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 45 Resp: 196556
Ion Ratio Lower Upper
45 100
43 115.1 89.8 134.8
87 31.6 20.6 31.0#
59 11.6 9.1 13.7





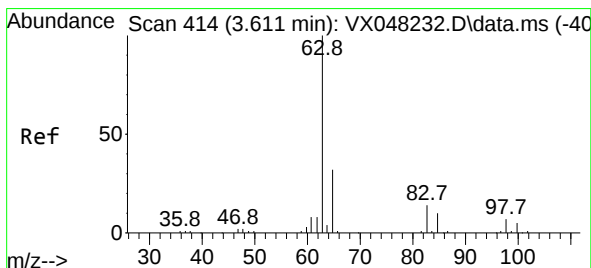
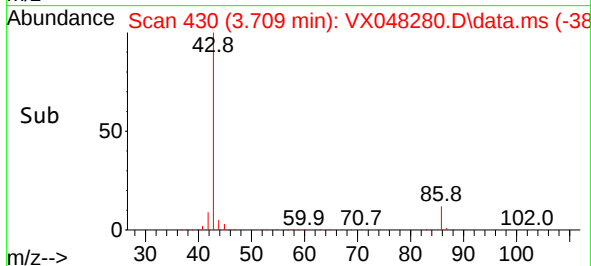
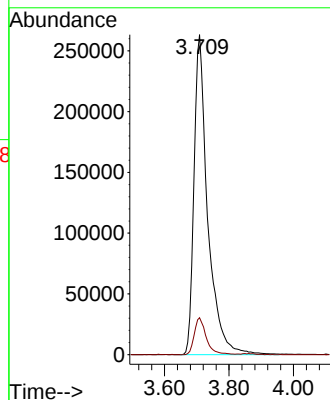
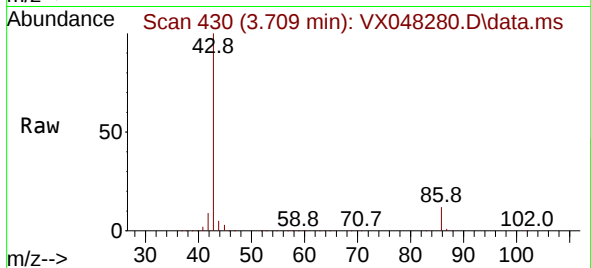
#23
 Vinyl Acetate
 Concen: 247.880 ug/l
 RT: 3.709 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 777072
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.9 11.9

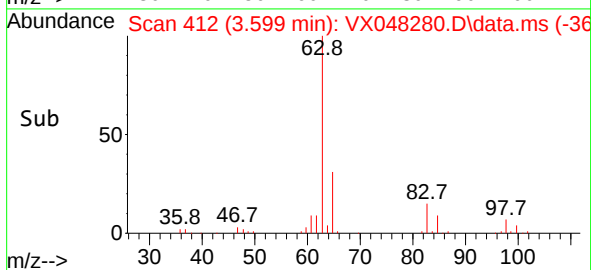
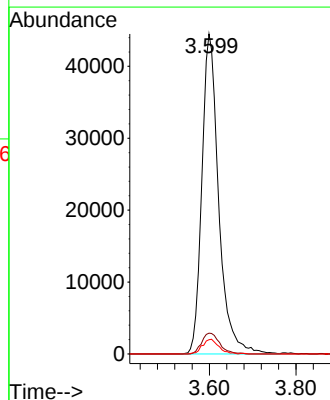
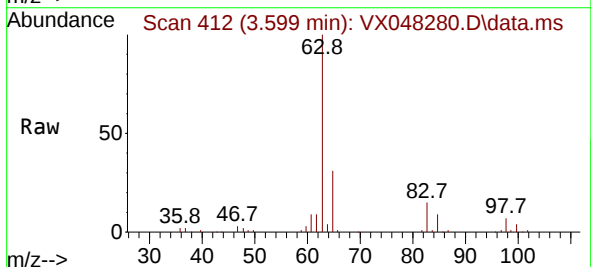
Manual Integrations
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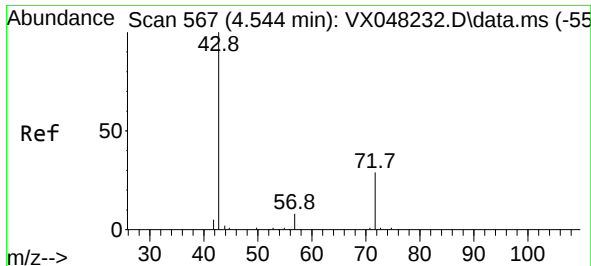
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025



#24
 1,1-Dichloroethane
 Concen: 50.586 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

Tgt Ion: 63 Resp: 120039
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.6
 100 4.5 2.1 6.3





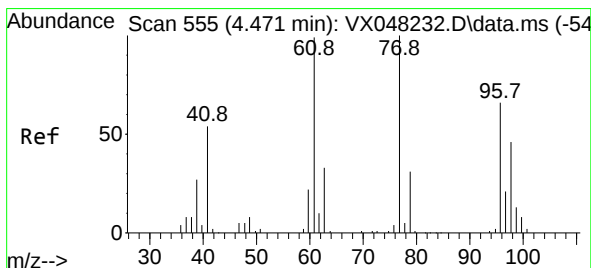
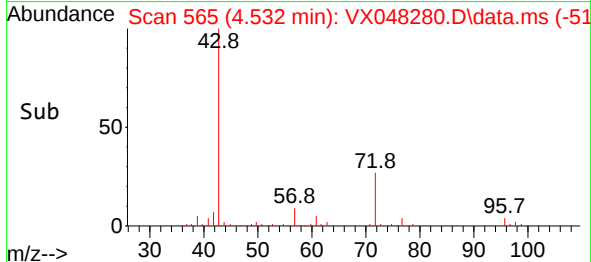
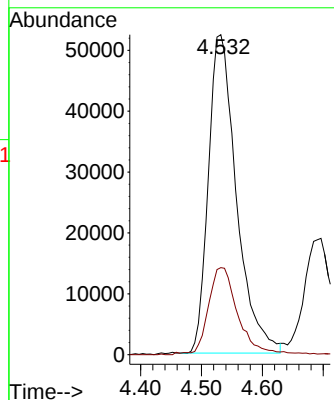
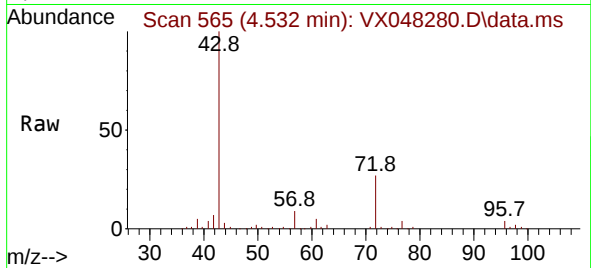
#25
2-Butanone
Concen: 244.037 ug/l
RT: 4.532 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 16771
Ion Ratio Lower Upper
43 100
72 26.5 19.9 29.9

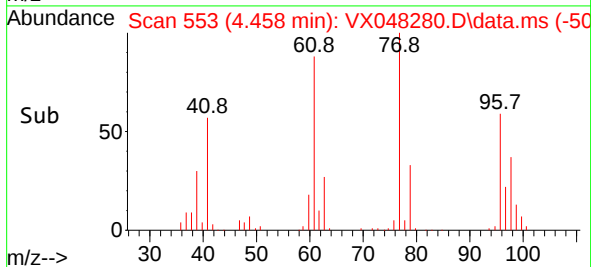
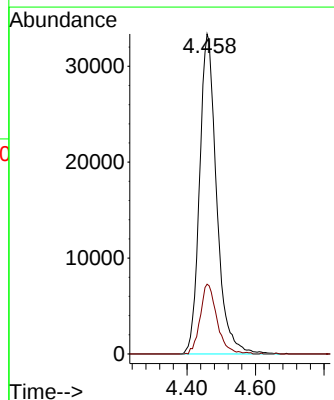
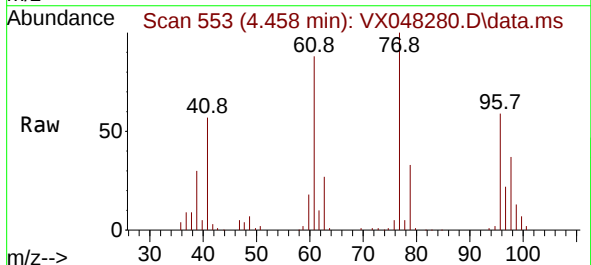
Manual Integrations
APPROVED

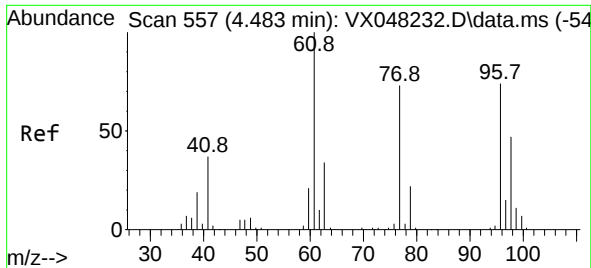
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#26
2,2-Dichloropropane
Concen: 53.950 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 77 Resp: 115554
Ion Ratio Lower Upper
77 100
97 21.4 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 50.857 ug/l

RT: 4.471 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 7726

Ion Ratio Lower Upper

96 100

61 147.0 0.0 294.2

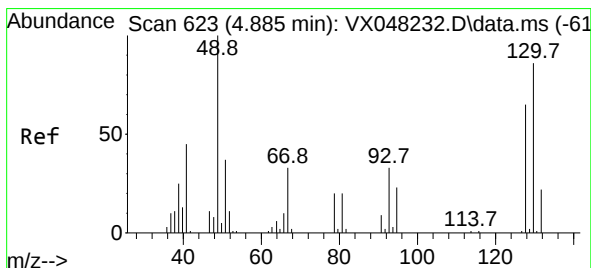
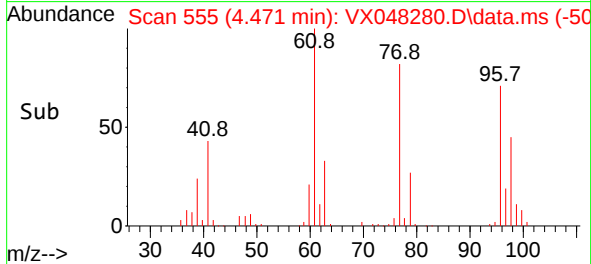
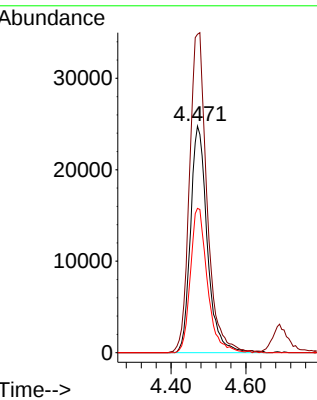
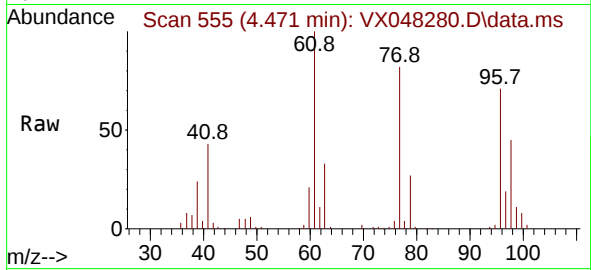
98 64.5 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#28

Bromochloromethane

Concen: 51.316 ug/l

RT: 4.879 min Scan# 622

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

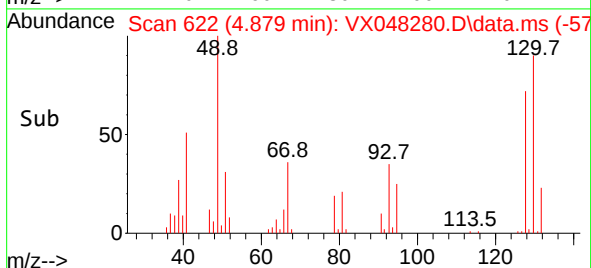
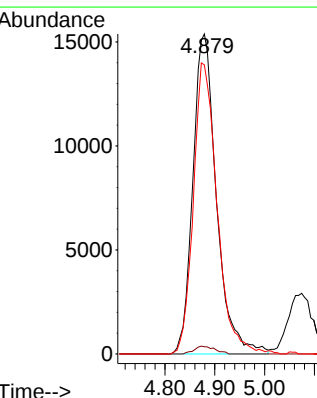
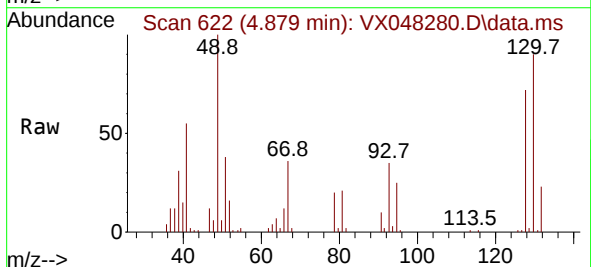
Tgt Ion: 49 Resp: 50491

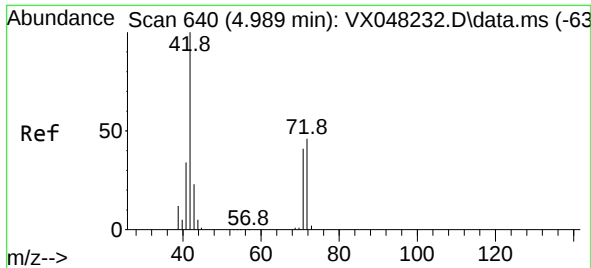
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 91.7 59.3 88.9#





#29

Tetrahydrofuran

Concen: 218.666 ug/l

RT: 4.983 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

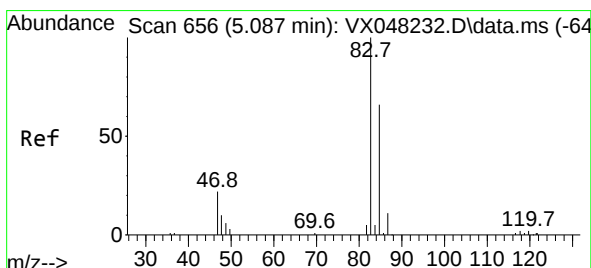
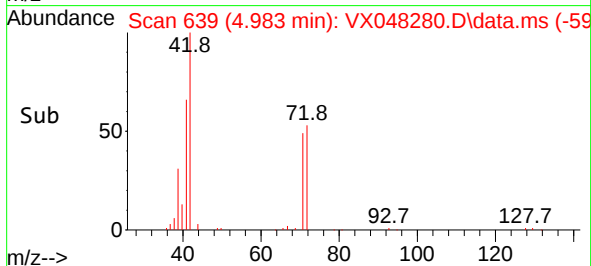
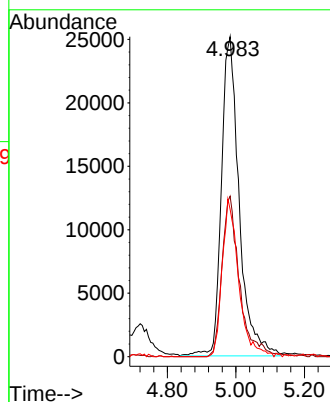
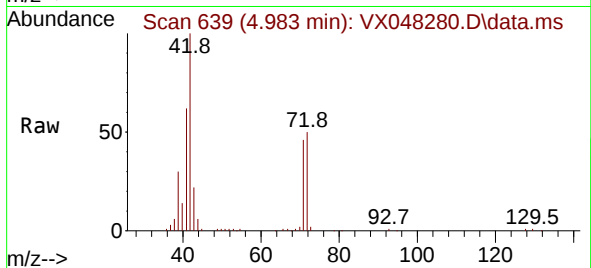
Tgt Ion: 42 Resp: 9000
 Ion Ratio Lower Upper
 42 100
 72 50.1 35.3 52.9
 71 45.9 32.2 48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#30

Chloroform

Concen: 51.559 ug/l

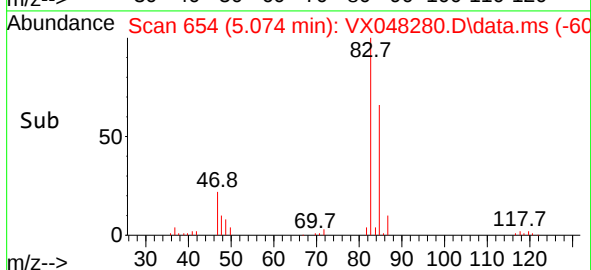
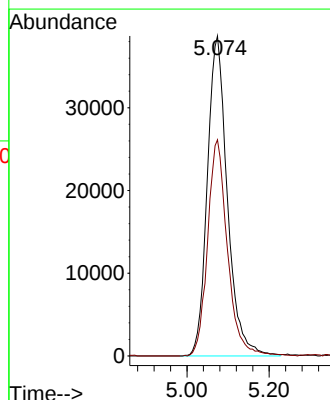
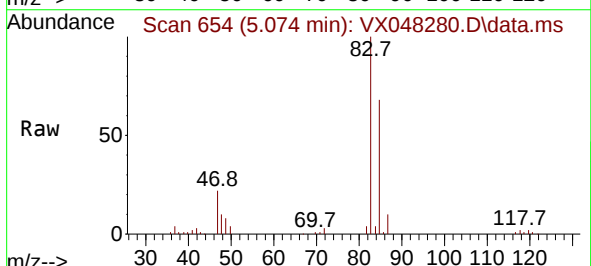
RT: 5.074 min Scan# 654

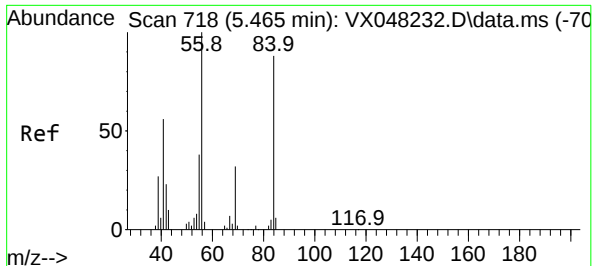
Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

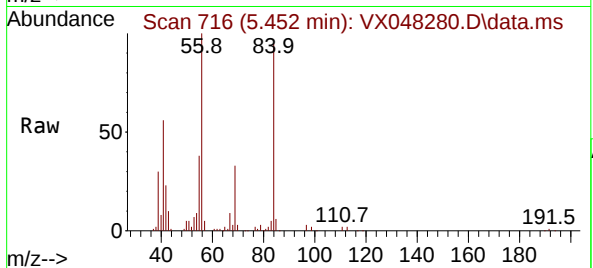
Tgt Ion: 83 Resp: 130715
 Ion Ratio Lower Upper
 83 100
 85 67.6 50.1 75.1





#31
Cyclohexane
Concen: 50.349 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

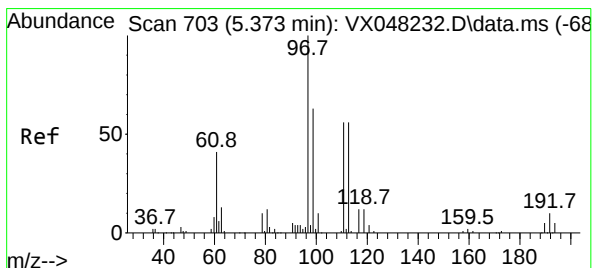
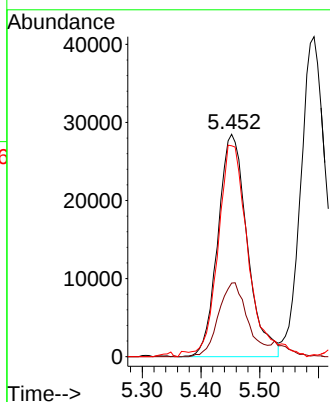
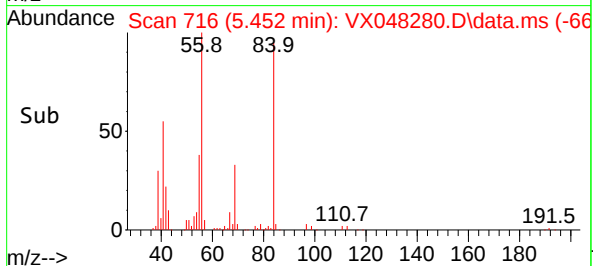
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 98910
Ion Ratio Lower Upper
56 100
69 32.7 23.0 34.6
84 94.9 64.6 97.0

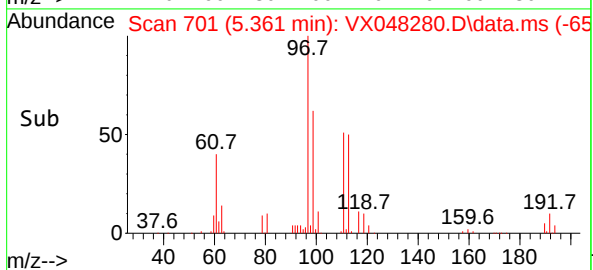
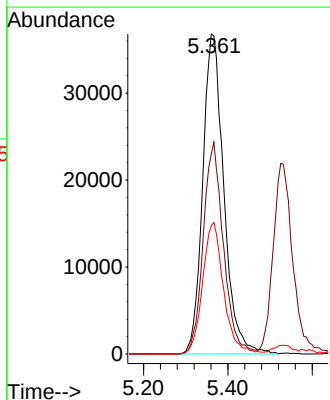
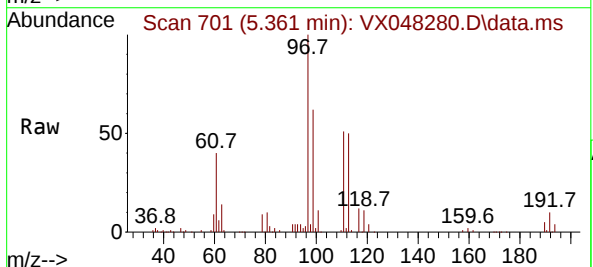
Manual Integrations
APPROVED

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



#32
1,1,1-Trichloroethane
Concen: 54.907 ug/l
RT: 5.361 min Scan# 701
Delta R.T. -0.012 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

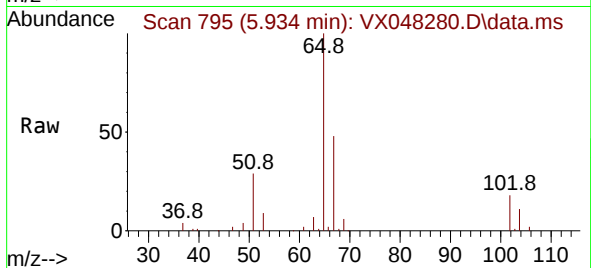
Tgt Ion: 97 Resp: 128292
Ion Ratio Lower Upper
97 100
99 63.2 51.7 77.5
61 40.7 34.8 52.2





#33
 1,2-Dichloroethane-d4
 Concen: 48.250 ug/l
 RT: 5.934 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

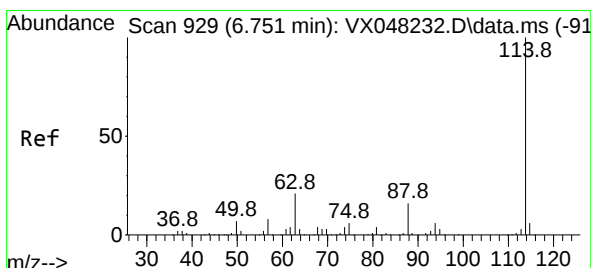
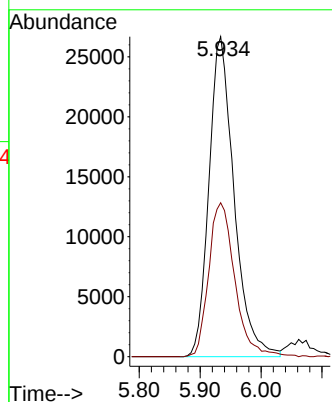
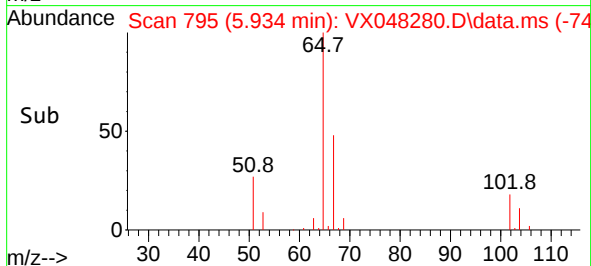
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



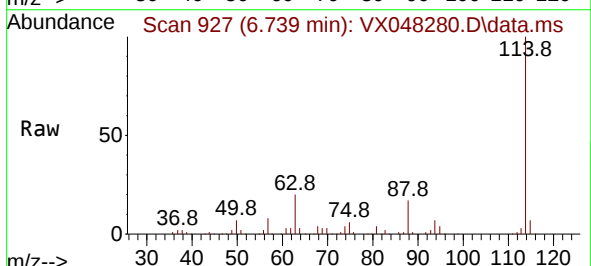
Tgt Ion: 65 Resp: 76360
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 105.0

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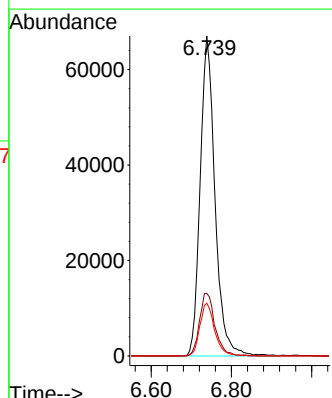
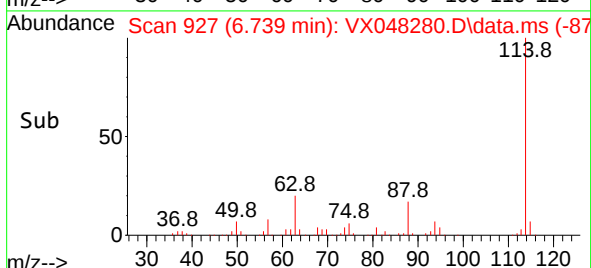
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025

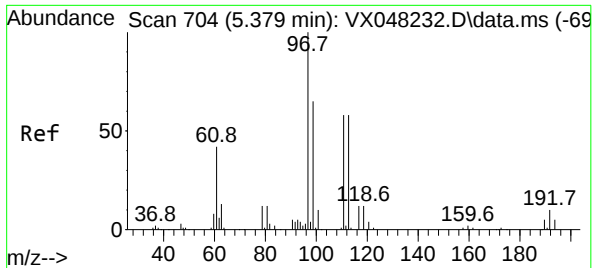


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.739 min Scan# 927
 Delta R.T. -0.006 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37



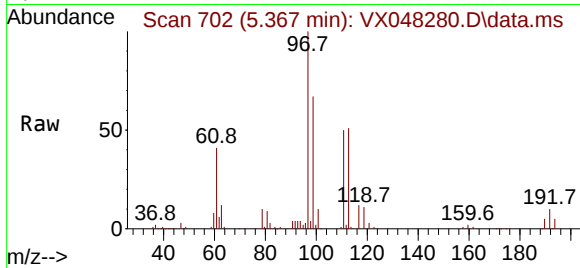
Tgt Ion:114 Resp: 171616
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.2
 88 16.5 0.0 33.6





#35
Dibromofluoromethane
Concen: 51.667 ug/l
RT: 5.367 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

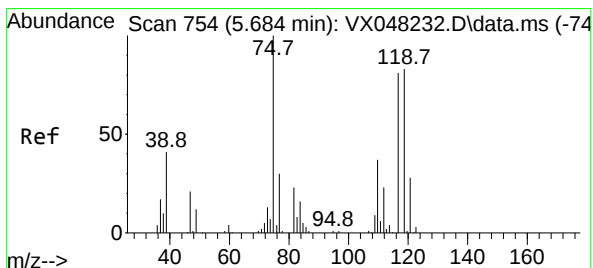
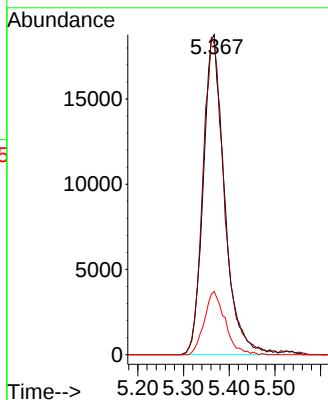
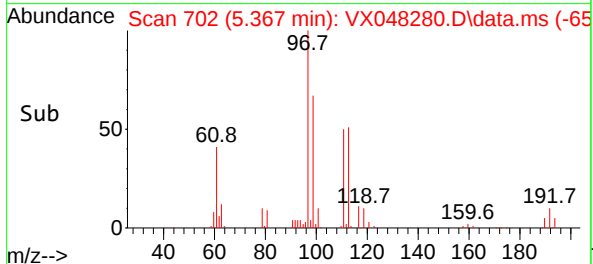
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 60534
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.4
192 19.4 15.1 22.7

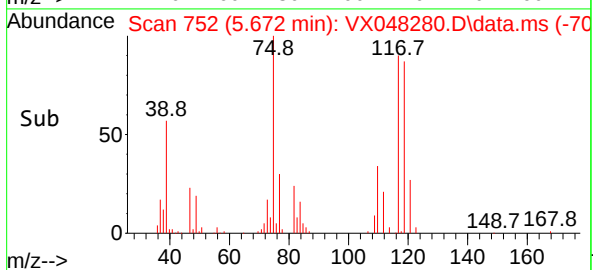
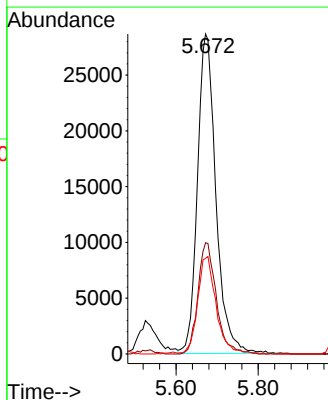
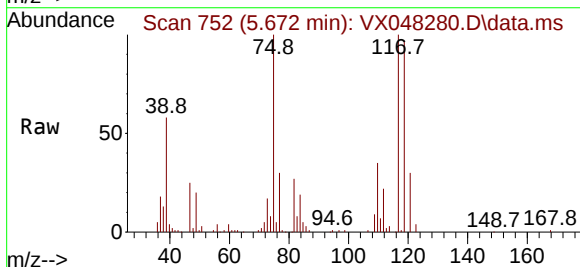
Manual Integrations
APPROVED

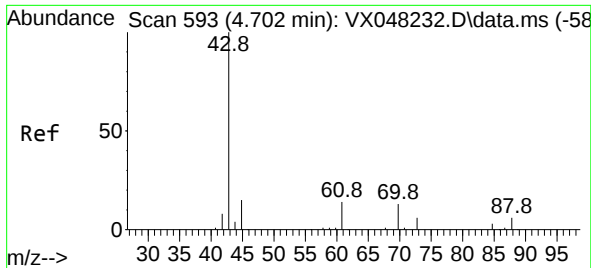
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#36
1,1-Dichloropropene
Concen: 53.632 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 75 Resp: 89311
Ion Ratio Lower Upper
75 100
110 34.6 17.7 53.1
77 30.8 24.3 36.5





#37

Ethyl Acetate

Concen: 46.733 ug/l

RT: 4.696 min Scan# 593

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

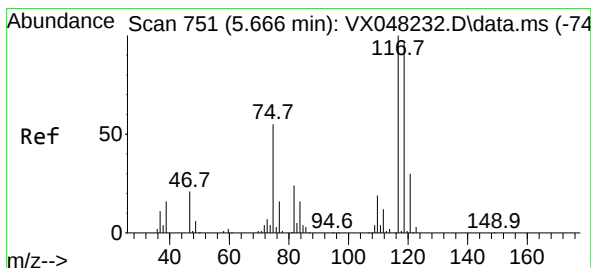
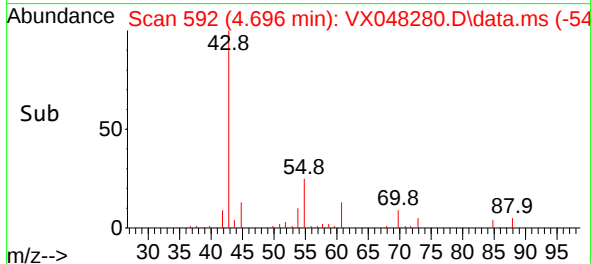
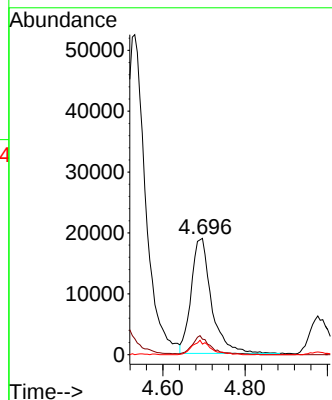
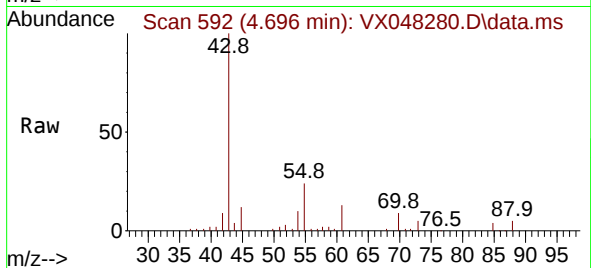
Tgt Ion: 43	Resp: 64504
Ion Ratio	Lower Upper
43 100	
61 15.1	10.6 15.8
70 11.3	7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#38

Carbon Tetrachloride

Concen: 57.216 ug/l

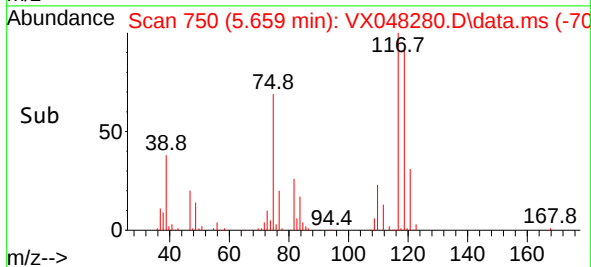
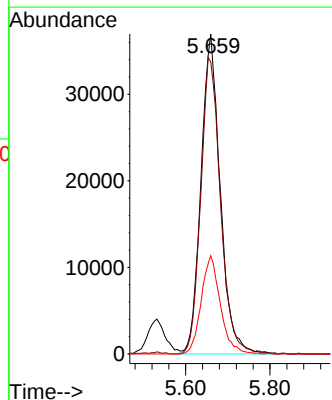
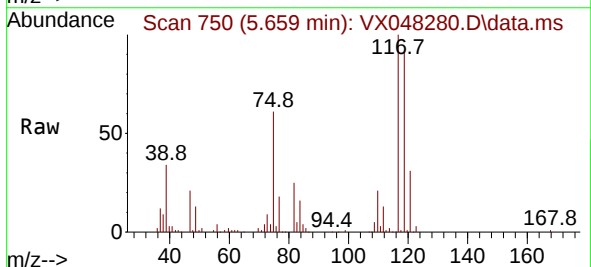
RT: 5.659 min Scan# 750

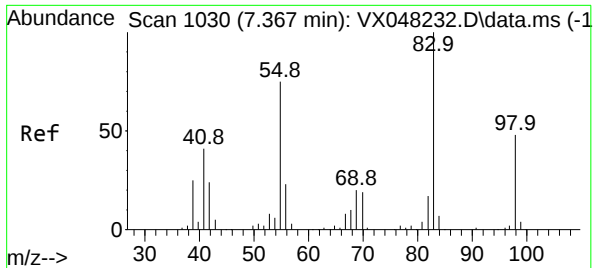
Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

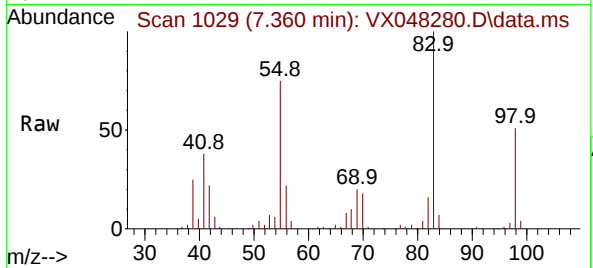
Tgt Ion:117	Resp: 117550
Ion Ratio	Lower Upper
117 100	
119 91.2	77.2 115.8
121 30.7	24.8 37.2





#39
Methylcyclohexane
Concen: 55.285 ug/l
RT: 7.360 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

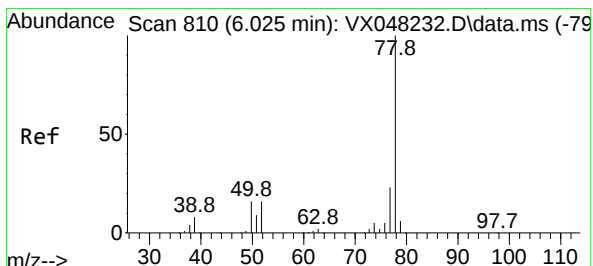
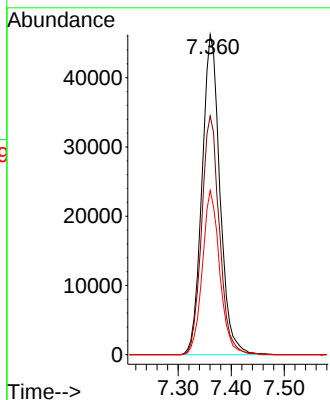
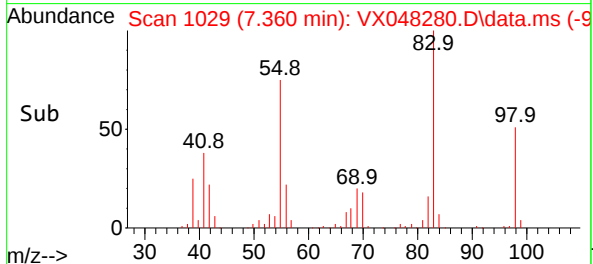
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



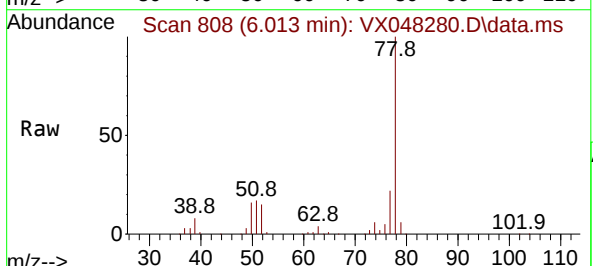
Tgt Ion: 83 Resp: 108720
Ion Ratio Lower Upper
83 100
55 74.6 66.2 99.2
98 51.3 38.9 58.3

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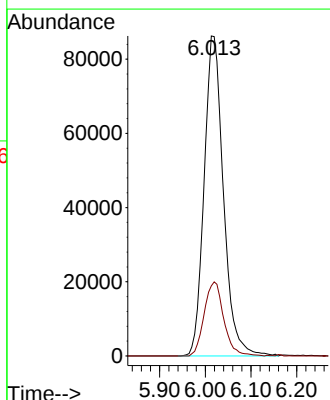
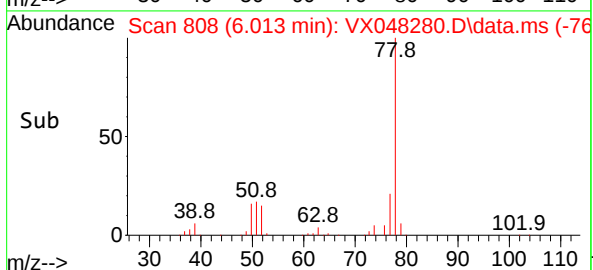
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#40
Benzene
Concen: 52.383 ug/l
RT: 6.013 min Scan# 808
Delta R.T. -0.012 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37



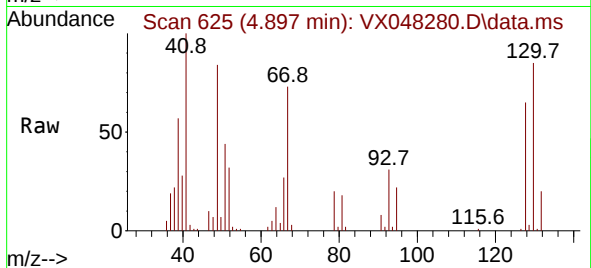
Tgt Ion: 78 Resp: 253259
Ion Ratio Lower Upper
78 100
77 21.9 19.3 28.9





#41
Methacrylonitrile
Concen: 49.349 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

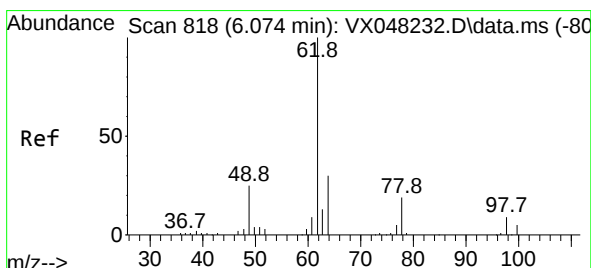
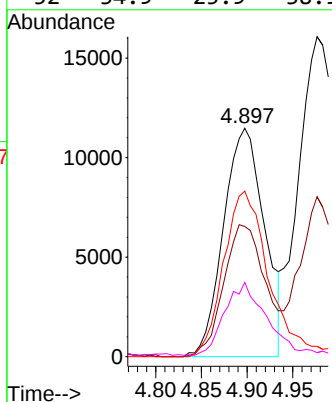
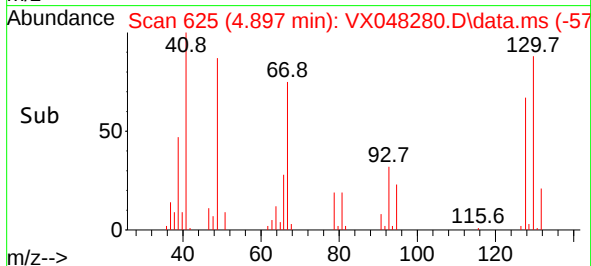
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 3577
Ion Ratio Lower Upper
41 100
39 57.8 44.0 66.0
67 81.6 58.7 88.1
52 34.9 25.9 38.9

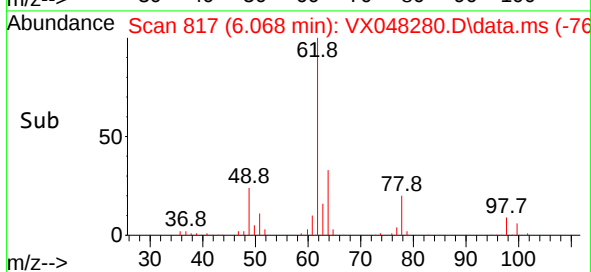
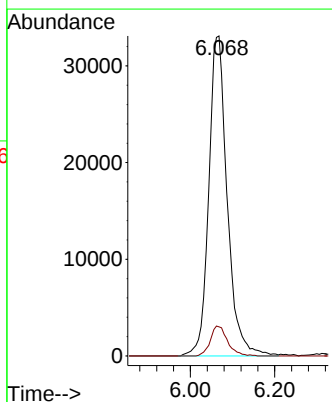
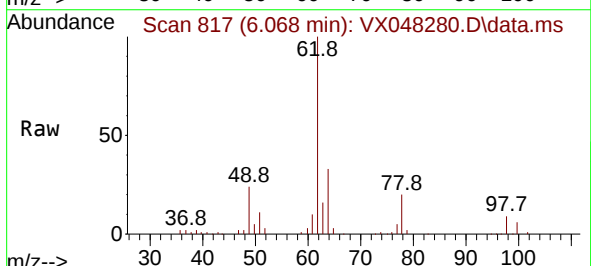
Manual Integrations
APPROVED

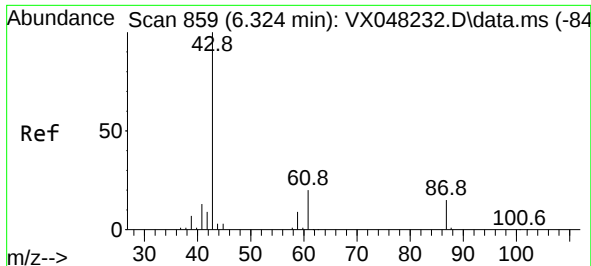
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#42
1,2-Dichloroethane
Concen: 56.333 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 62 Resp: 100501
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.2





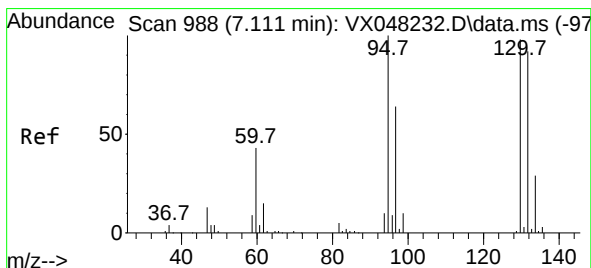
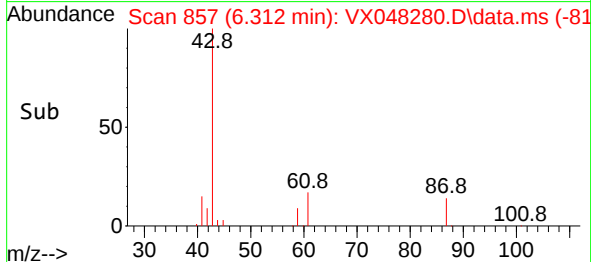
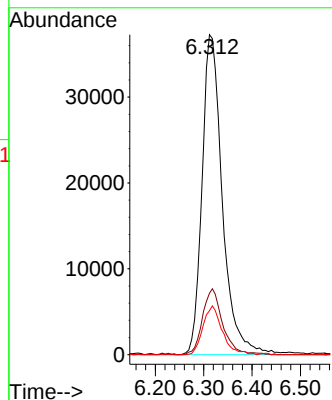
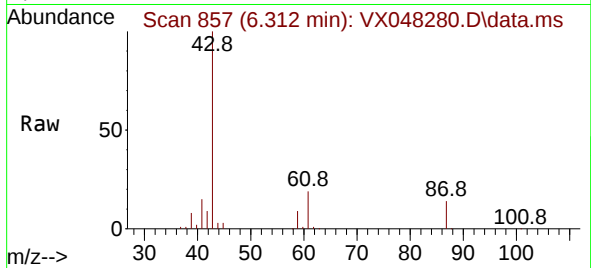
#43
Isopropyl Acetate
Concen: 48.053 ug/l
RT: 6.312 min Scan# 857
Delta R.T. -0.012 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 108948
Ion Ratio Lower Upper
43 100
61 20.4 14.9 22.3
87 14.4 9.4 14.2

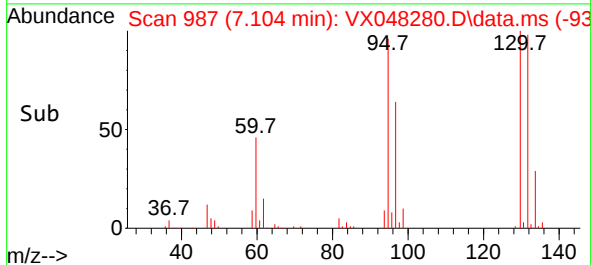
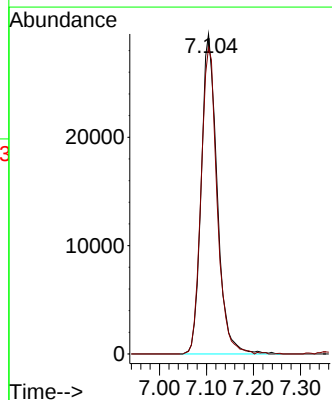
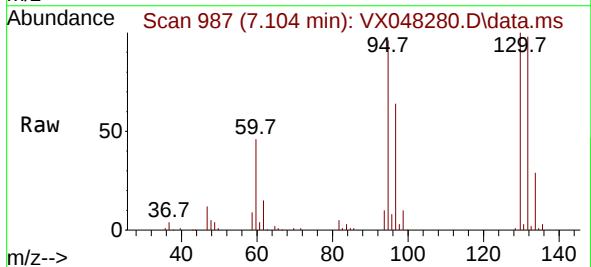
Manual Integrations
APPROVED

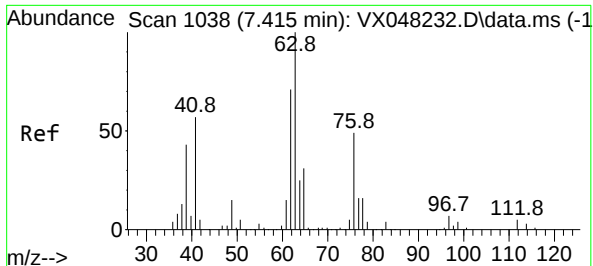
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#44
Trichloroethene
Concen: 54.227 ug/l
RT: 7.104 min Scan# 987
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:130 Resp: 69227
Ion Ratio Lower Upper
130 100
95 95.7 0.0 200.6





#45

1,2-Dichloropropane

Concen: 52.114 ug/l

RT: 7.409 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 59904

Ion Ratio Lower Upper

63 100

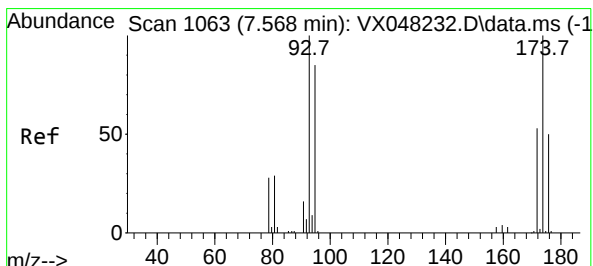
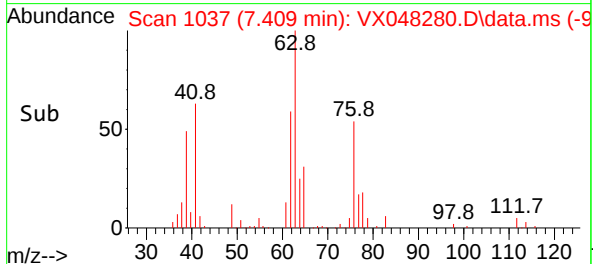
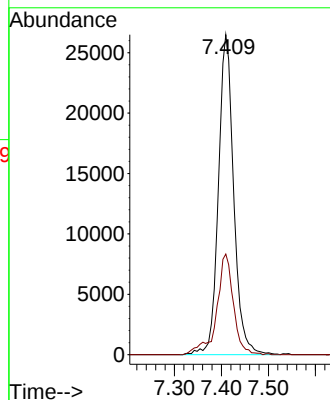
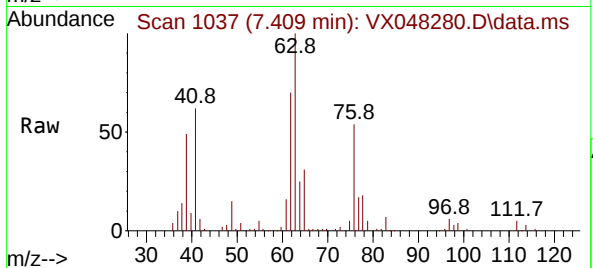
65 31.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#46

Dibromomethane

Concen: 52.817 ug/l

RT: 7.562 min Scan# 1062

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

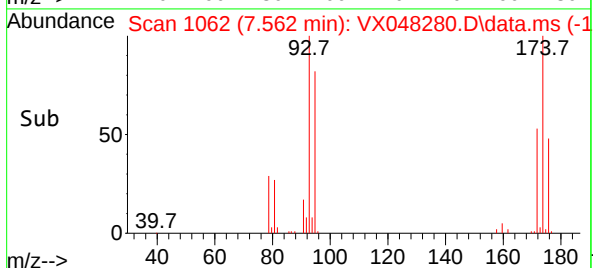
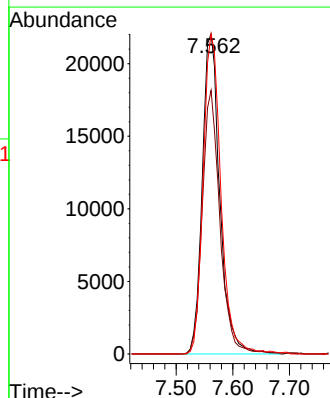
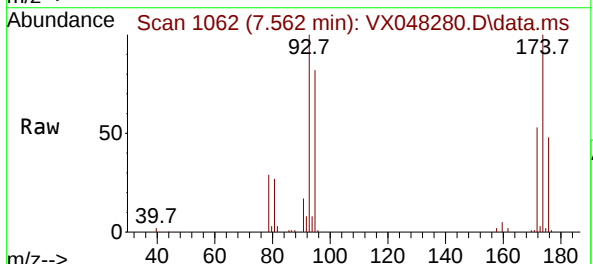
Tgt Ion: 93 Resp: 47300

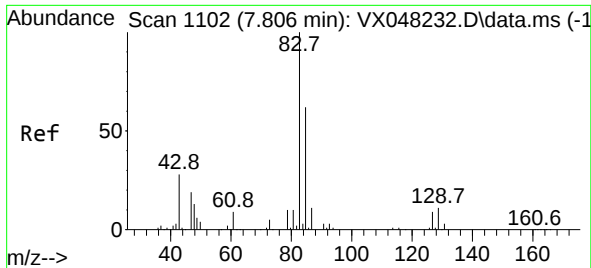
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

174 102.0 71.7 107.5





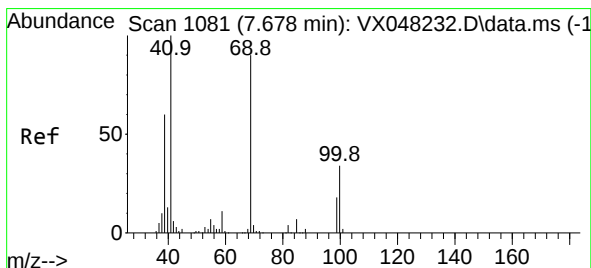
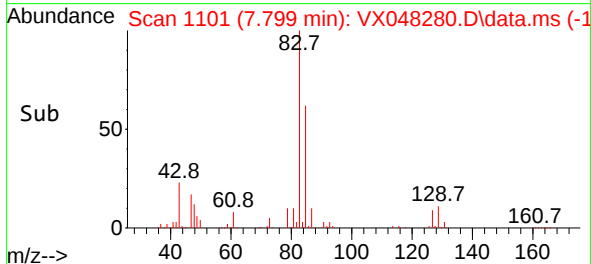
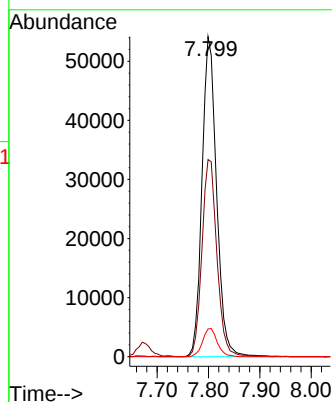
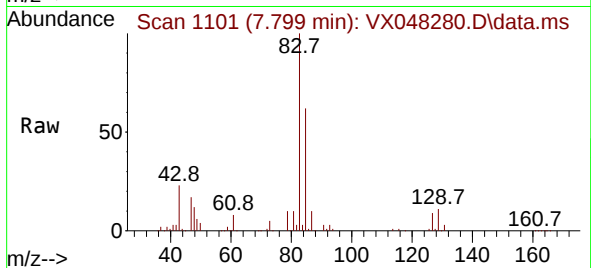
#47
Bromodichloromethane
Concen: 55.092 ug/l
RT: 7.799 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 10652
Ion Ratio Lower Upper
83 100
85 61.6 52.2 78.4
127 8.7 7.3 10.9

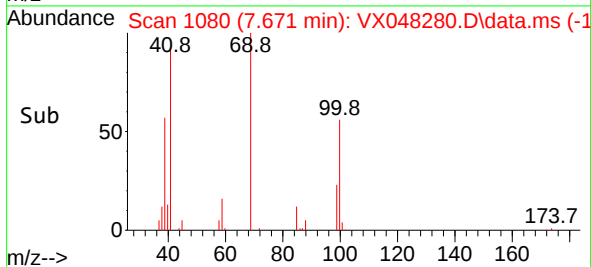
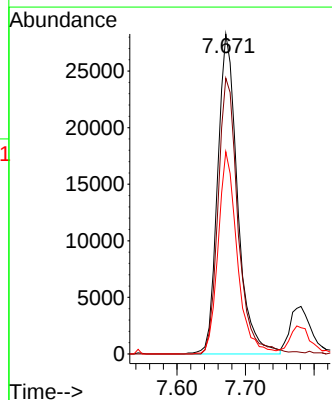
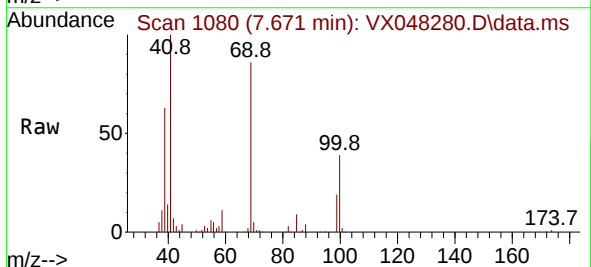
Manual Integrations
APPROVED

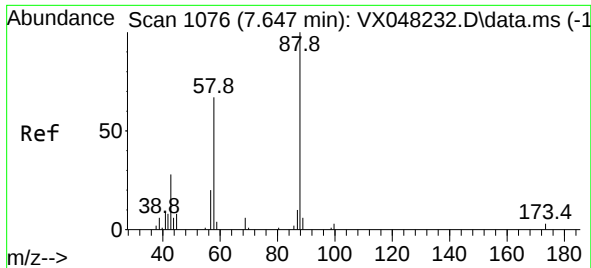
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#48
Methyl methacrylate
Concen: 49.735 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

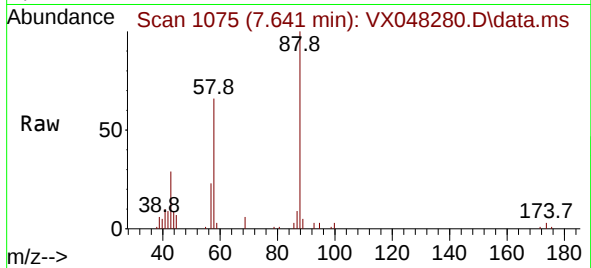
Tgt Ion: 41 Resp: 56901
Ion Ratio Lower Upper
41 100
69 86.5 63.4 95.0
39 60.5 47.1 70.7





#49
1,4-Dioxane
Concen: 951.387 ug/l
RT: 7.641 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

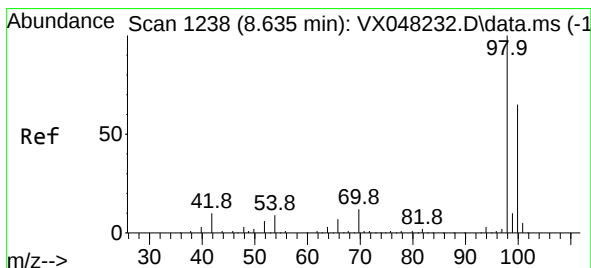
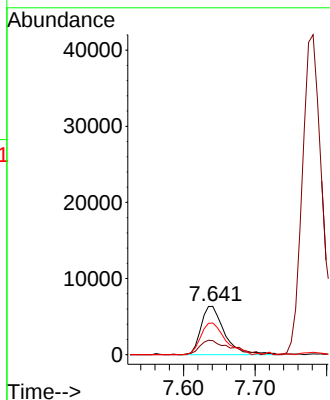
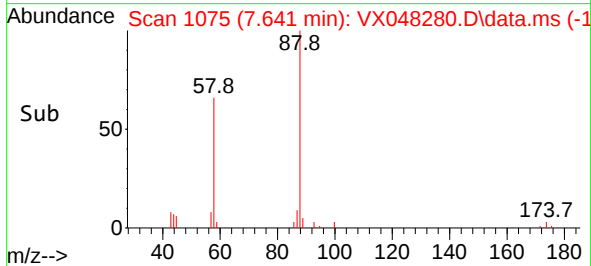
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 14380
Ion Ratio Lower Upper
88 100
43 39.9 35.0 52.4
58 69.1 61.9 92.9

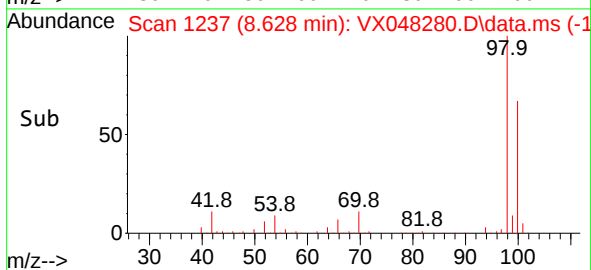
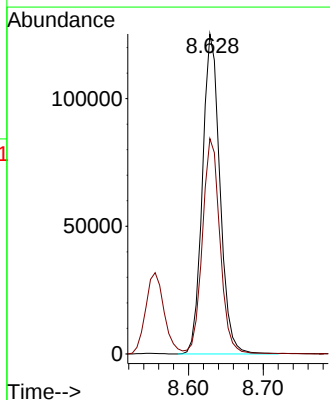
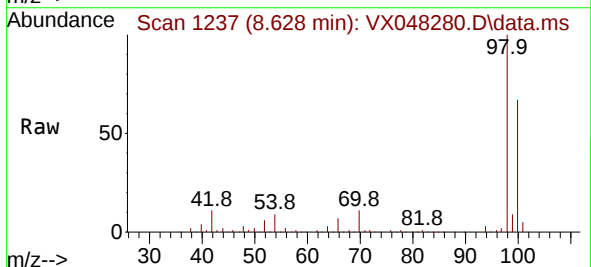
Manual Integrations
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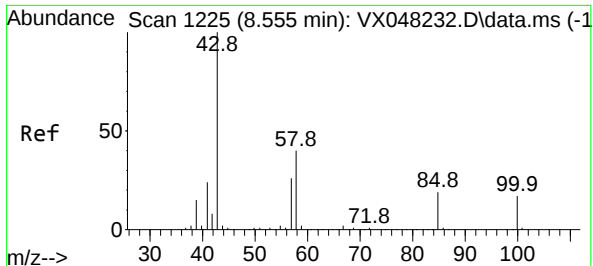
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#50
Toluene-d8
Concen: 49.640 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 98 Resp: 203851
Ion Ratio Lower Upper
98 100
100 67.9 53.0 79.4





#51

4-Methyl-2-Pentanone

Concen: 237.329 ug/l

RT: 8.555 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 31024

Ion Ratio Lower Upper

43 100

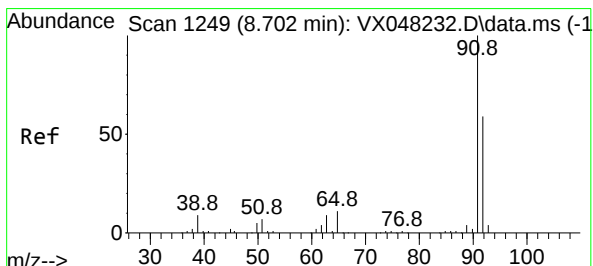
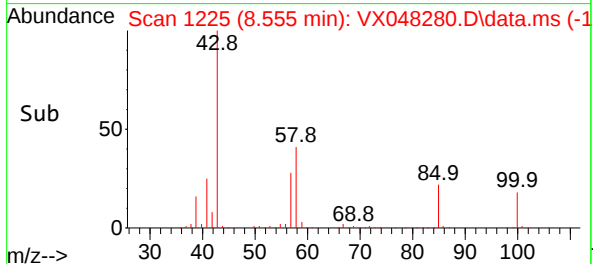
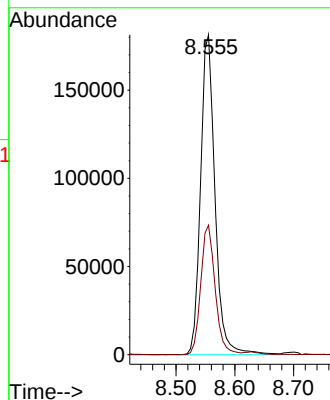
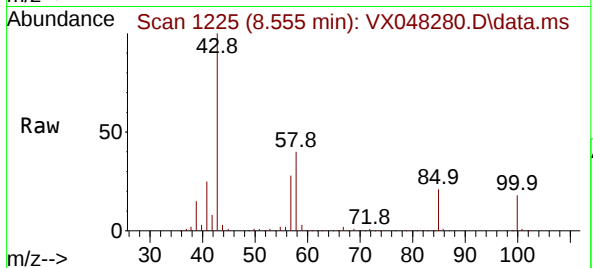
58 40.4 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#52

Toluene

Concen: 53.307 ug/l

RT: 8.702 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VX048280.D

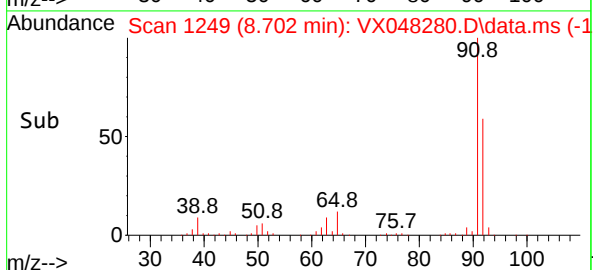
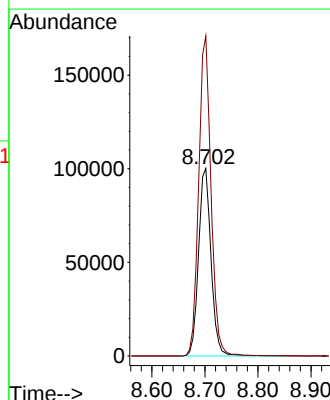
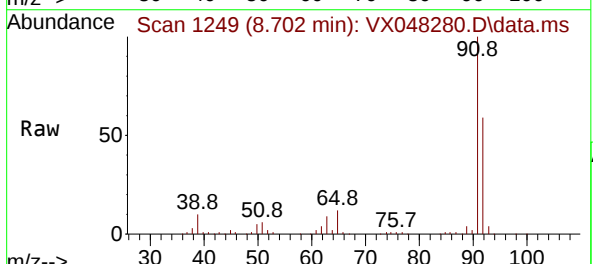
Acq: 22 Oct 2025 08:37

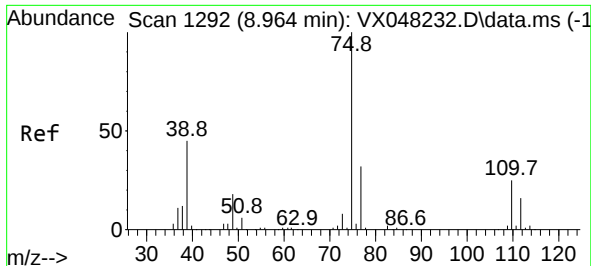
Tgt Ion: 92 Resp: 163729

Ion Ratio Lower Upper

92 100

91 168.5 136.1 204.1





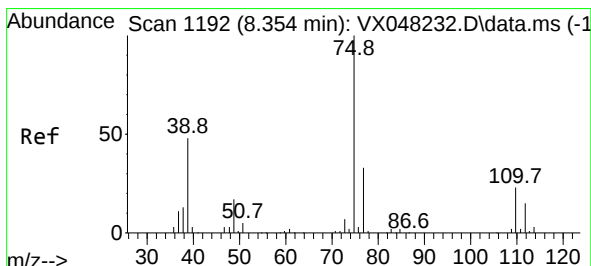
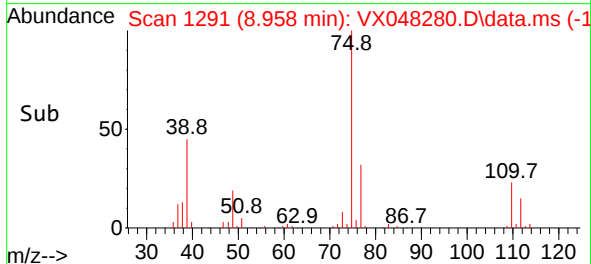
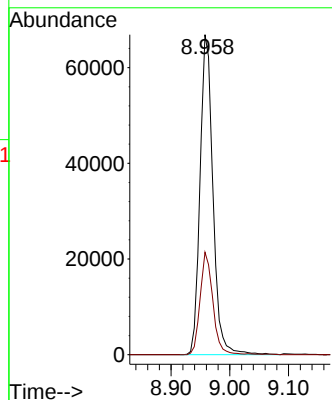
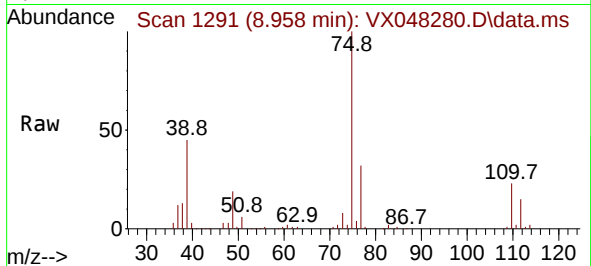
#53
t-1,3-Dichloropropene
Concen: 54.699 ug/l
RT: 8.958 min Scan# 1192
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 101924
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.6

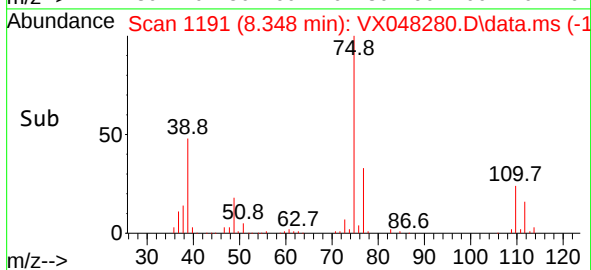
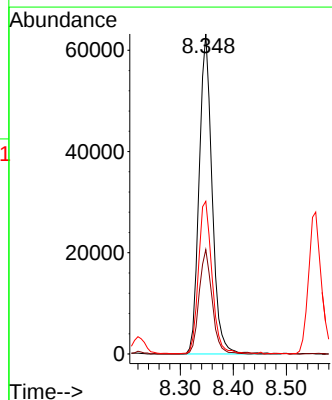
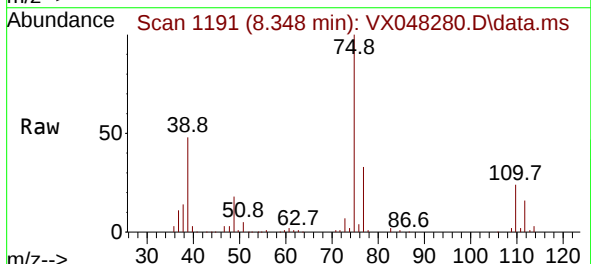
Manual Integrations
APPROVED

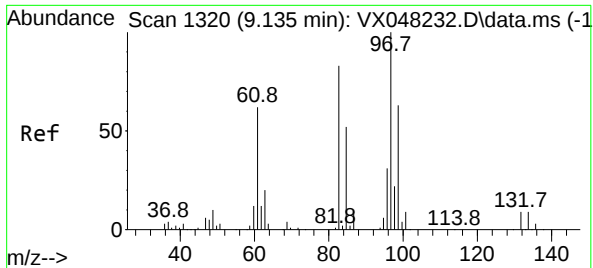
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#54
cis-1,3-Dichloropropene
Concen: 53.352 ug/l
RT: 8.348 min Scan# 1191
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

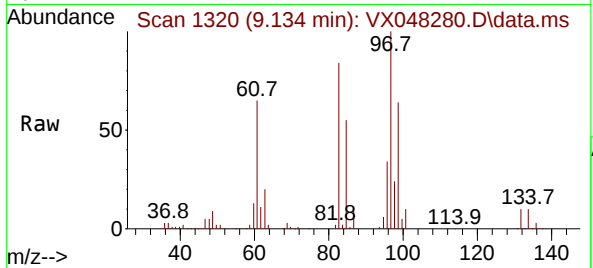
Tgt Ion: 75 Resp: 107258
Ion Ratio Lower Upper
75 100
77 32.6 24.9 37.3
39 47.6 42.6 64.0





#55
1,1,2-Trichloroethane
Concen: 52.167 ug/l
RT: 9.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

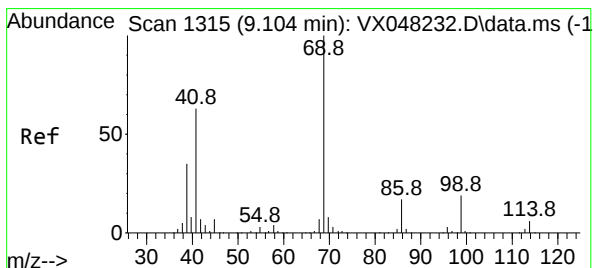
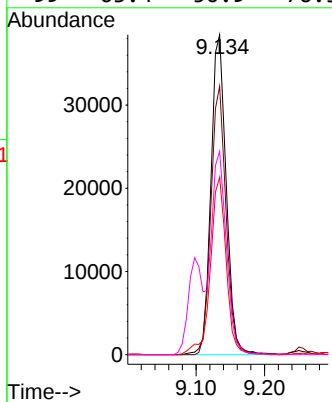
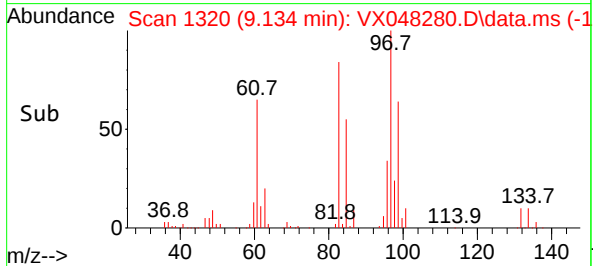
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



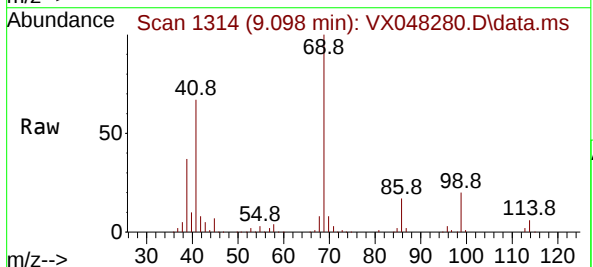
Tgt Ion: 97 Resp: 59580
Ion Ratio Lower Upper
97 100
83 83.9 70.6 105.8
85 55.4 45.0 67.6
99 63.4 50.9 76.3

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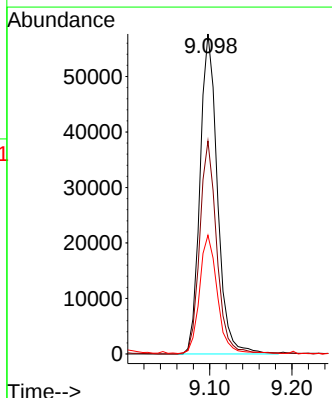
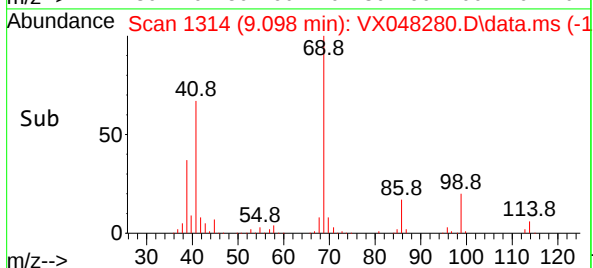
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

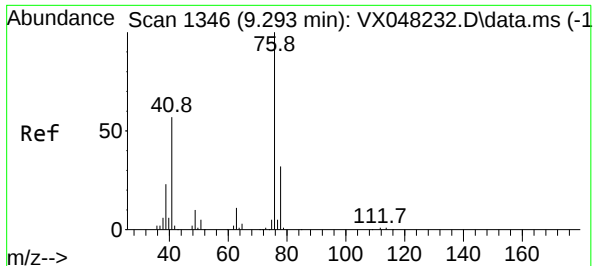


#56
Ethyl methacrylate
Concen: 50.869 ug/l
RT: 9.098 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37



Tgt Ion: 69 Resp: 84986
Ion Ratio Lower Upper
69 100
41 65.1 56.0 84.0
39 37.5 31.6 47.4





#57

1,3-Dichloropropane

Concen: 52.019 ug/l

RT: 9.287 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10149

Ion Ratio Lower Upper

76 100

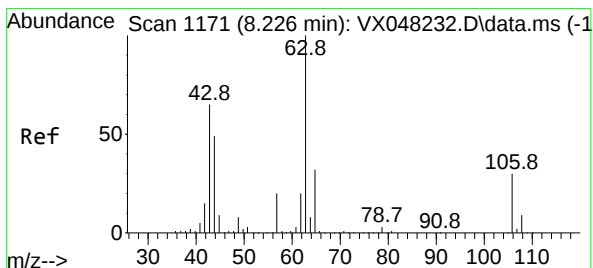
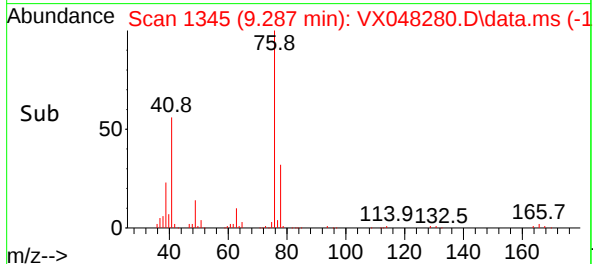
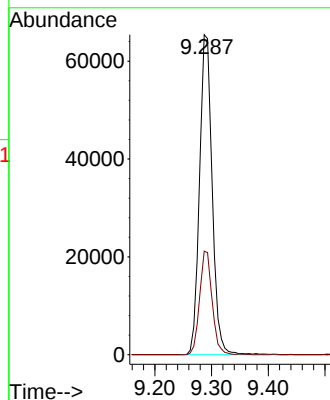
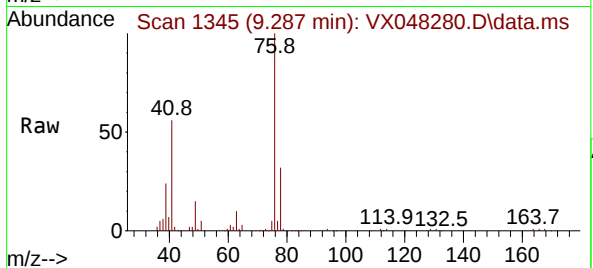
78 31.9 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#58

2-Chloroethyl Vinyl ether

Concen: 255.311 ug/l

RT: 8.220 min Scan# 1170

Delta R.T. -0.006 min

Lab File: VX048280.D

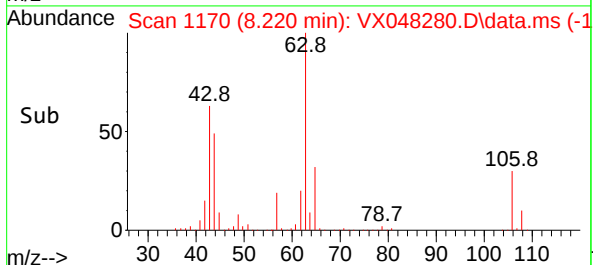
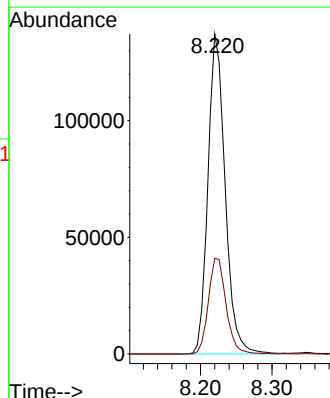
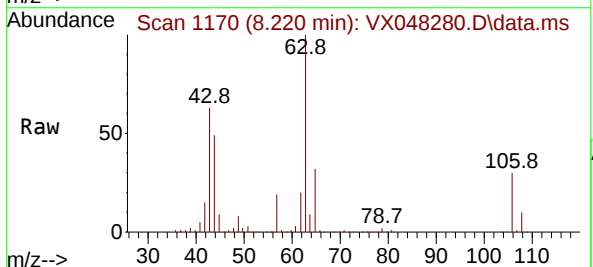
Acq: 22 Oct 2025 08:37

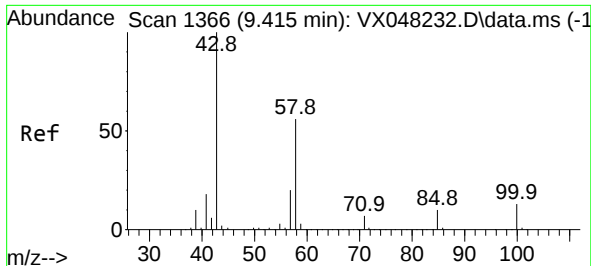
Tgt Ion: 63 Resp: 229383

Ion Ratio Lower Upper

63 100

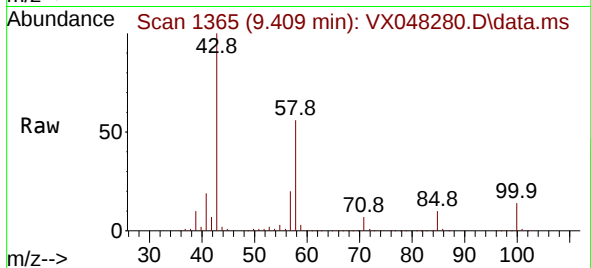
106 30.8 22.2 33.2





#59
2-Hexanone
Concen: 263.703 ug/l
RT: 9.409 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

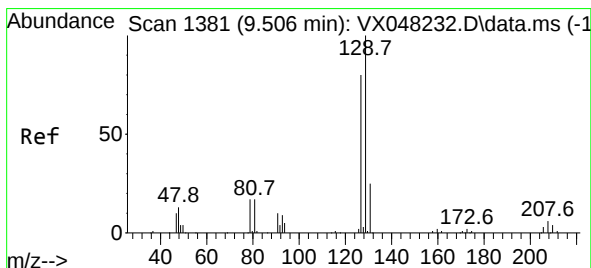
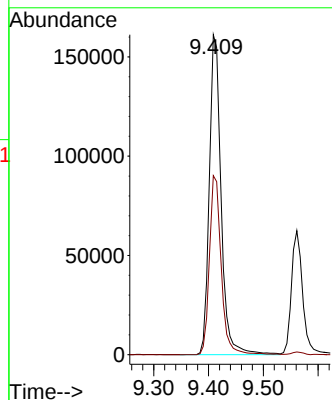
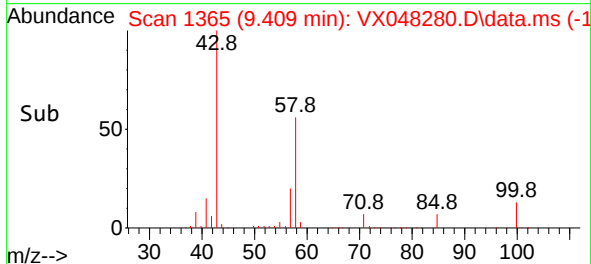
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 240369
Ion Ratio Lower Upper
43 100
58 55.9 26.3 78.8

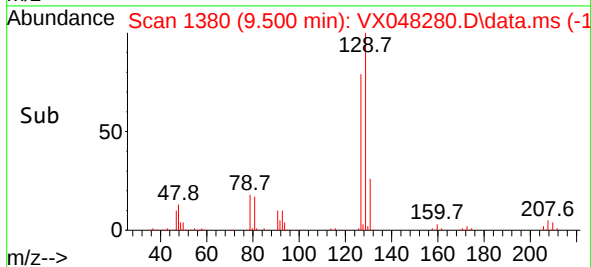
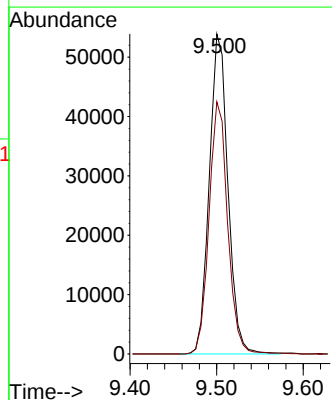
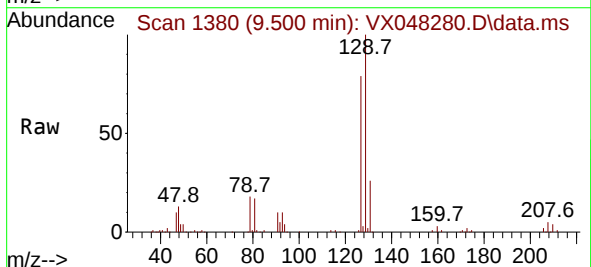
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 52.530 ug/l
RT: 9.500 min Scan# 1380
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

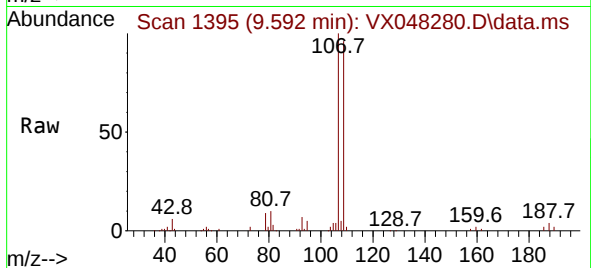
Tgt Ion:129 Resp: 80645
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.7





#61
1,2-Dibromoethane
Concen: 52.565 ug/l
RT: 9.592 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

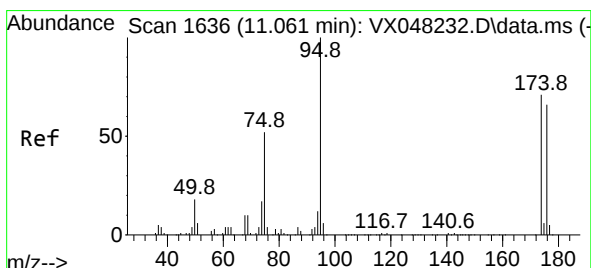
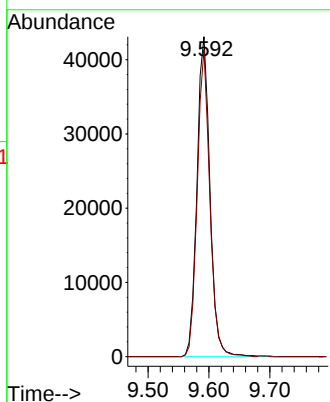
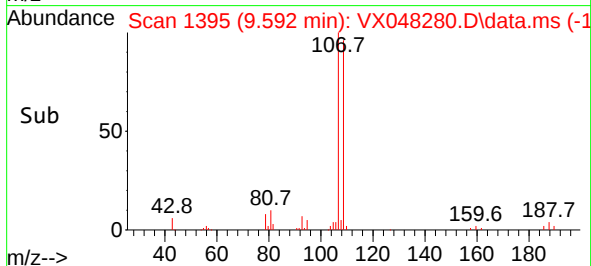
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 6400
Ion Ratio Lower Upper
107 100
109 92.6 77.0 115.4

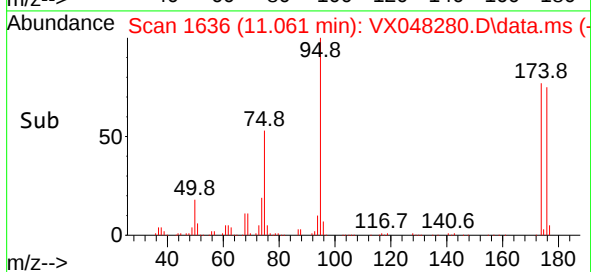
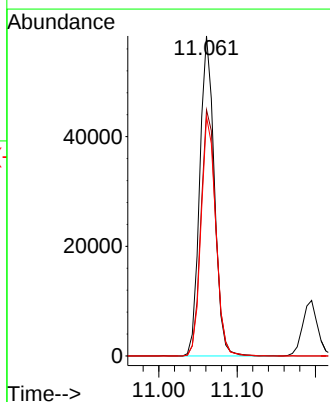
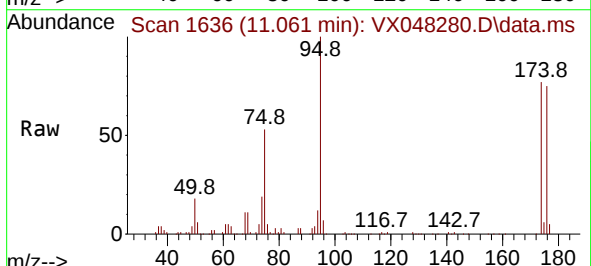
Manual Integrations
APPROVED

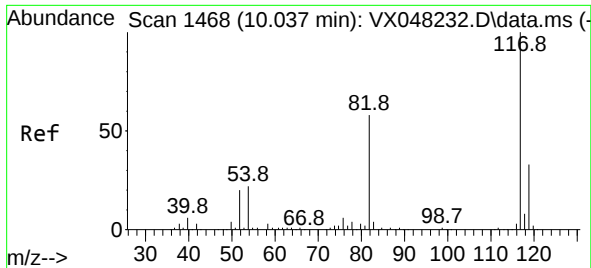
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#62
4-Bromofluorobenzene
Concen: 48.352 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

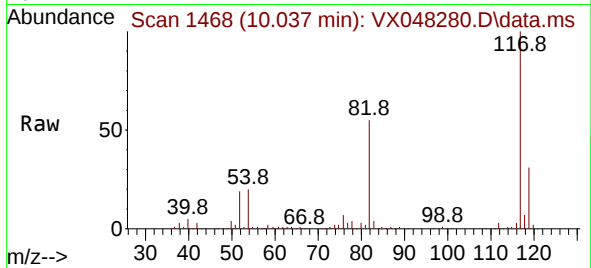
Tgt Ion: 95 Resp: 75540
Ion Ratio Lower Upper
95 100
174 78.0 0.0 147.8
176 75.4 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

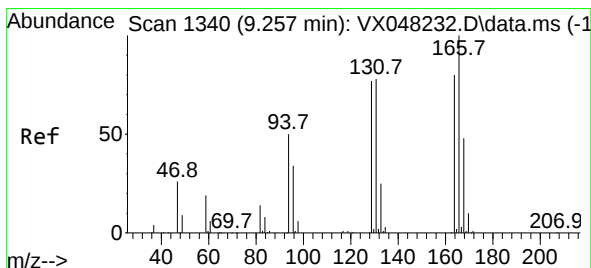
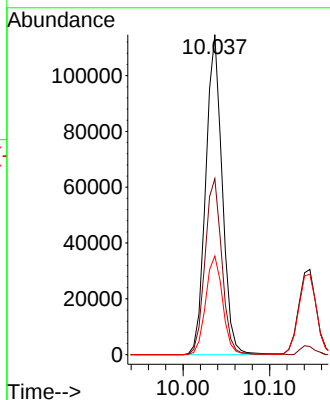
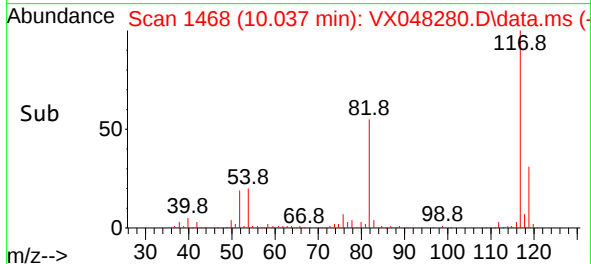
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 151329
Ion Ratio Lower Upper
117 100
82 55.0 46.5 69.7
119 30.8 25.9 38.9

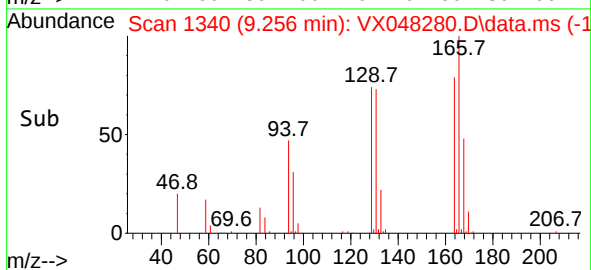
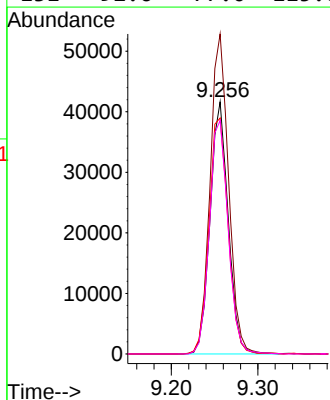
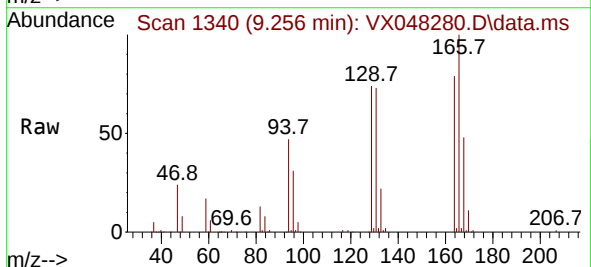
Manual Integrations
APPROVED

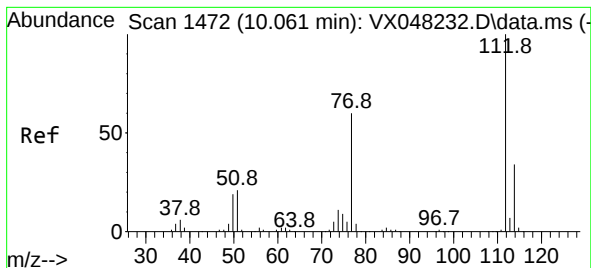
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#64
Tetrachloroethene
Concen: 53.469 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

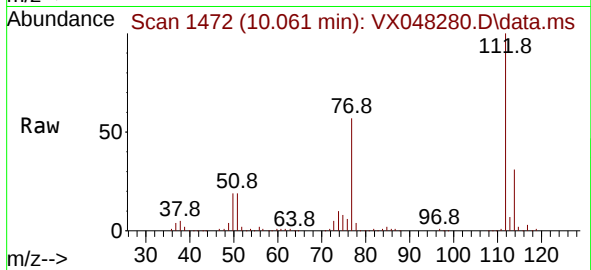
Tgt Ion:164 Resp: 60402
Ion Ratio Lower Upper
164 100
166 126.9 104.5 156.7
129 93.6 81.8 122.6
131 92.6 77.0 115.6





#65
Chlorobenzene
Concen: 53.663 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

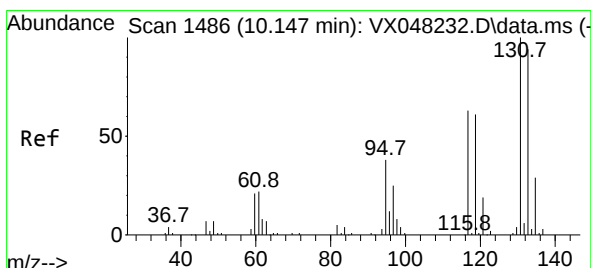
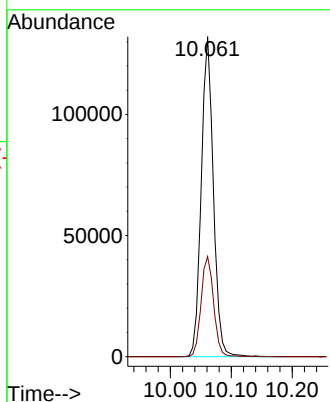
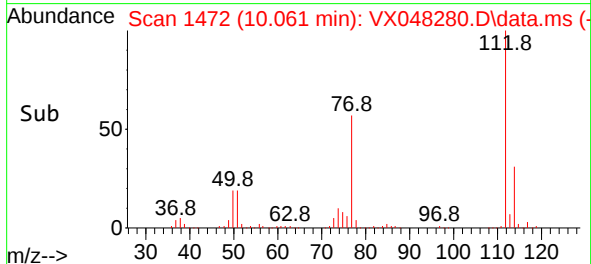
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 182674
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2

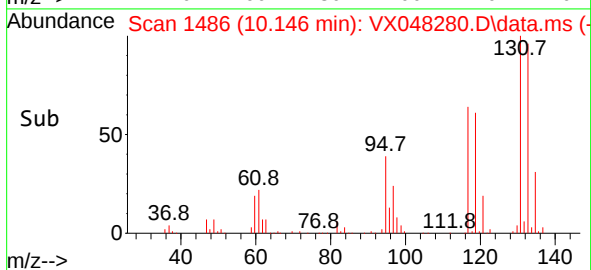
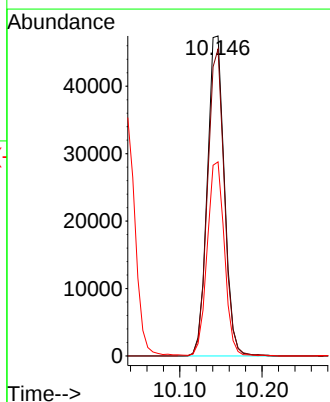
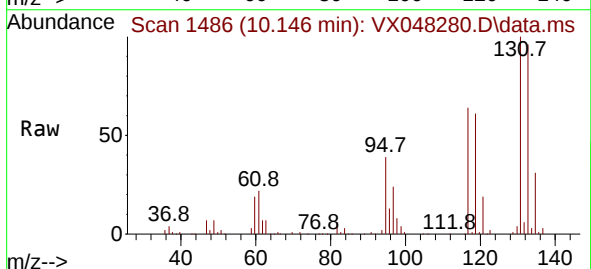
Manual Integrations
APPROVED

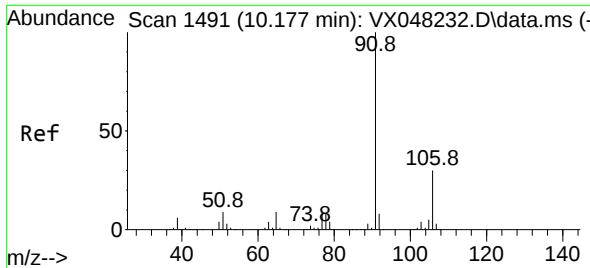
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 54.756 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

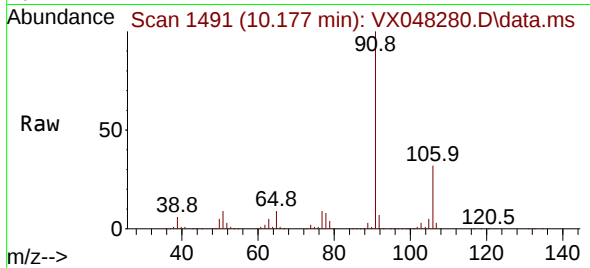
Tgt Ion:131 Resp: 68462
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.8
119 61.2 32.5 97.5





#67
Ethyl Benzene
Concen: 54.267 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

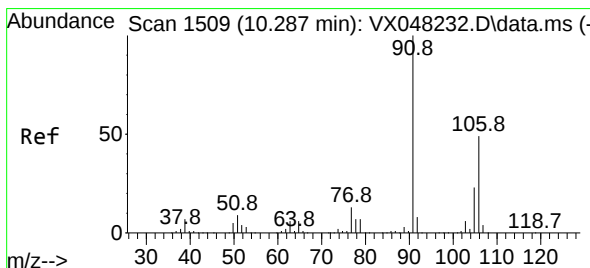
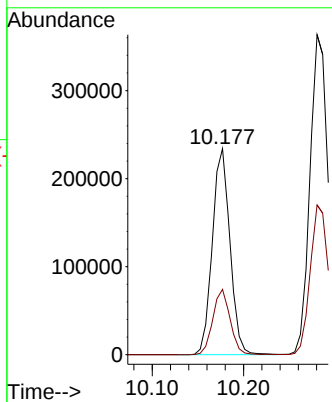
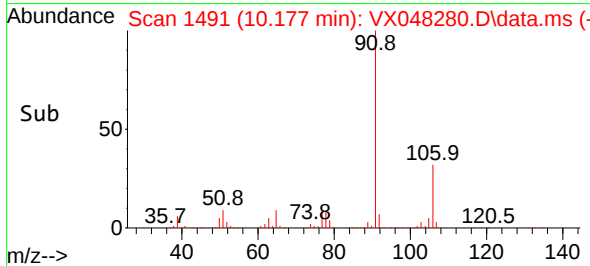
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 314510
Ion Ratio Lower Upper
91 100
106 31.7 23.8 35.6

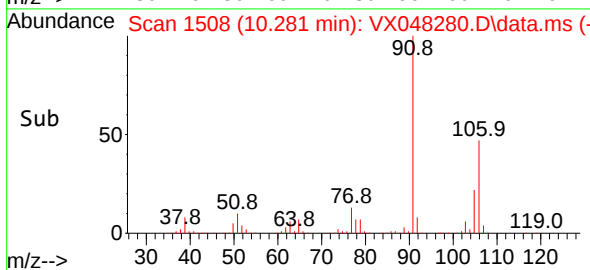
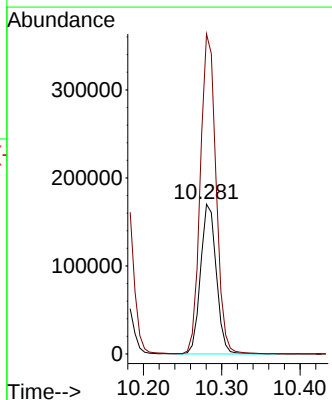
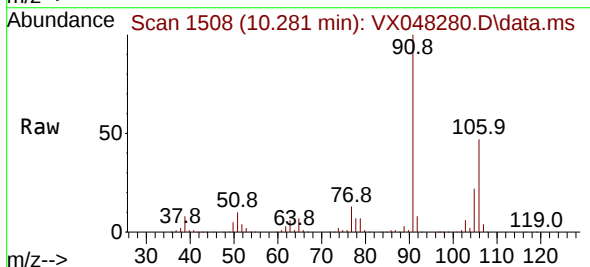
Manual Integrations
APPROVED

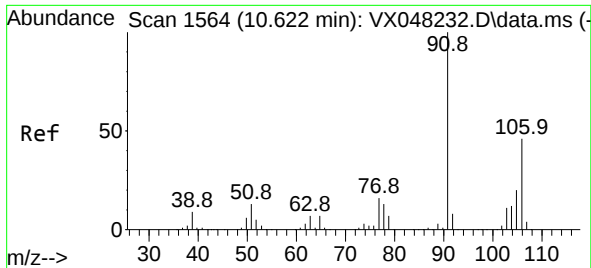
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#68
m/p-Xylenes
Concen: 109.959 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:106 Resp: 236784
Ion Ratio Lower Upper
106 100
91 213.7 167.9 251.9





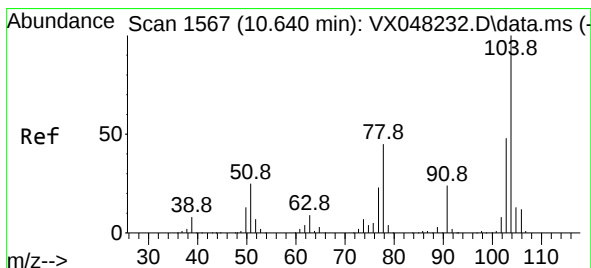
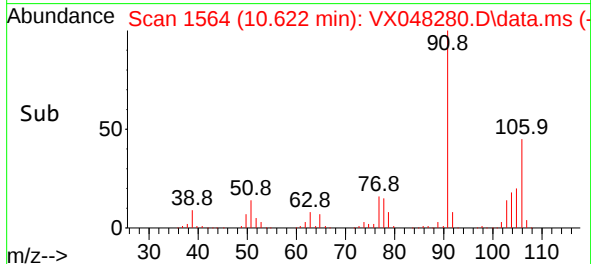
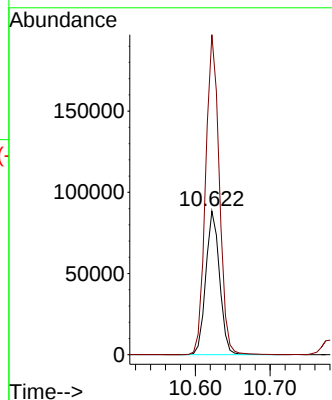
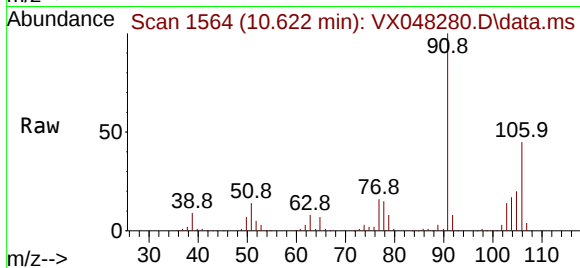
#69
o-Xylene
Concen: 54.361 ug/l
RT: 10.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 113014
Ion Ratio Lower Upper
106 100
91 222.2 111.3 333.9

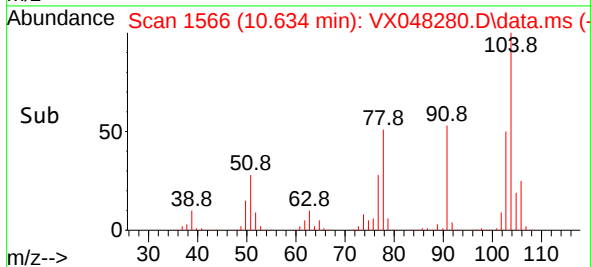
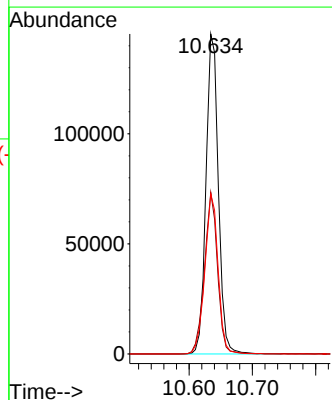
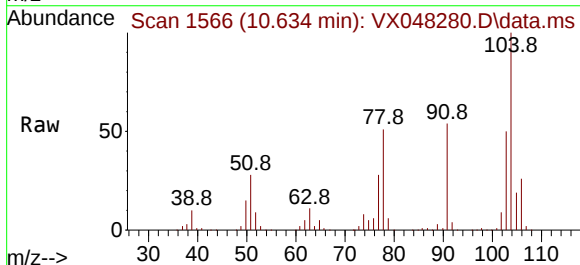
Manual Integrations
APPROVED

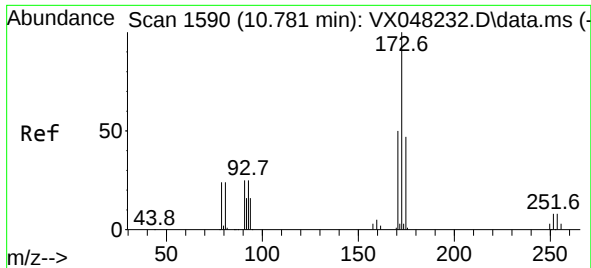
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#70
Styrene
Concen: 55.916 ug/l
RT: 10.634 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:104 Resp: 197941
Ion Ratio Lower Upper
104 100
78 53.4 42.2 63.4
103 53.6 43.0 64.4





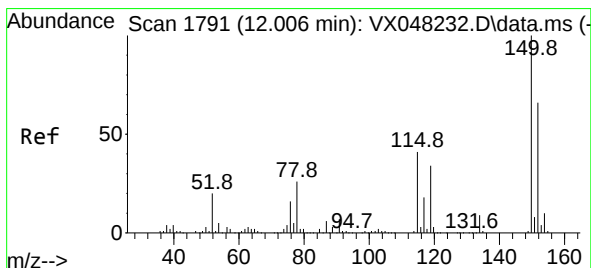
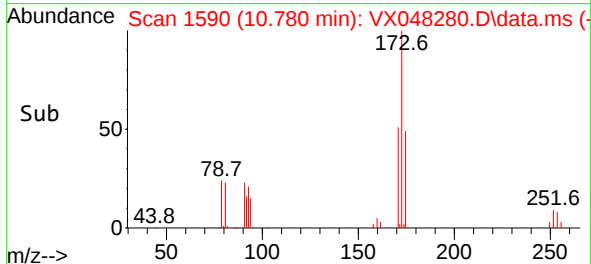
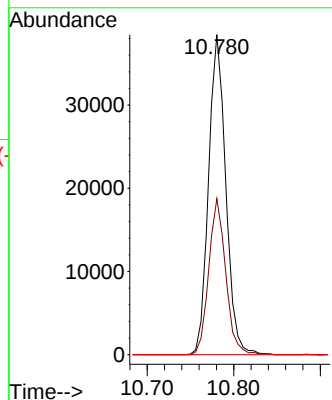
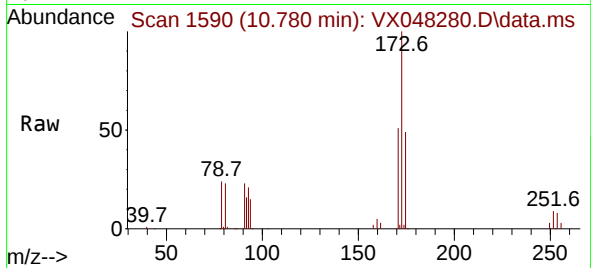
#71
Bromoform
Concen: 53.153 ug/l
RT: 10.780 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 53110
Ion Ratio Lower Upper
173 100
175 48.1 24.0 72.0
254 0.0 0.0 0.0

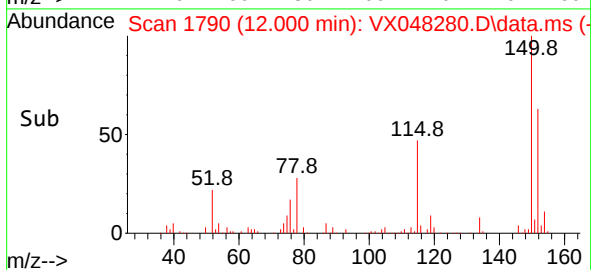
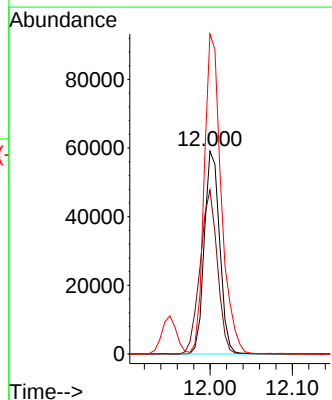
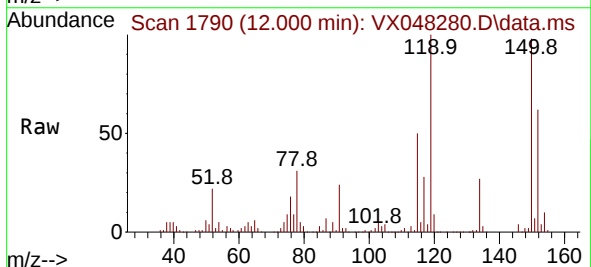
Manual Integrations
APPROVED

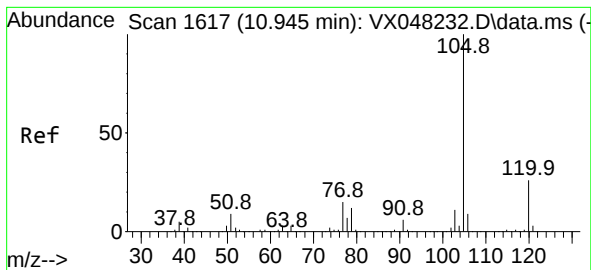
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion:152 Resp: 76595
Ion Ratio Lower Upper
152 100
115 91.1 43.1 129.4
150 173.9 0.0 353.0





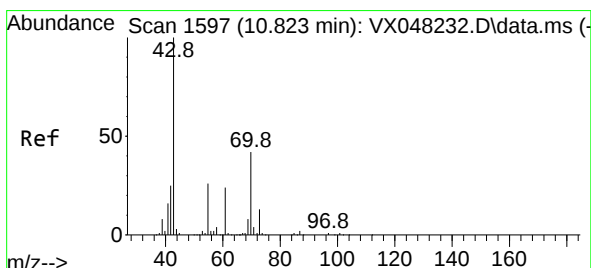
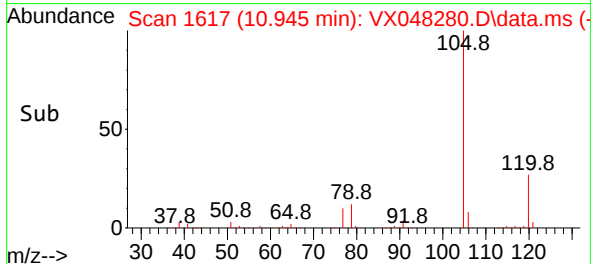
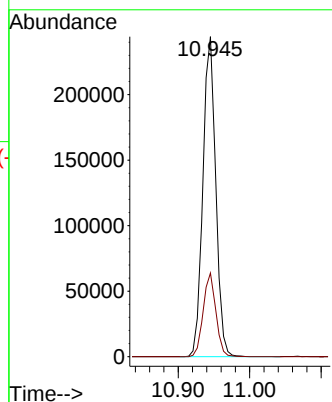
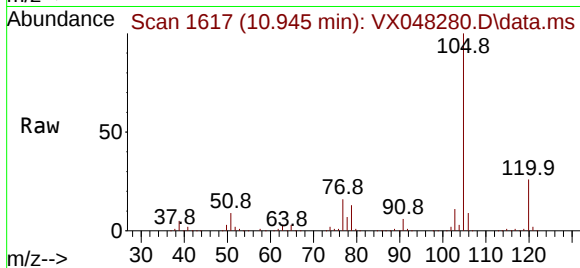
#73
Isopropylbenzene
Concen: 54.500 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 30490
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9

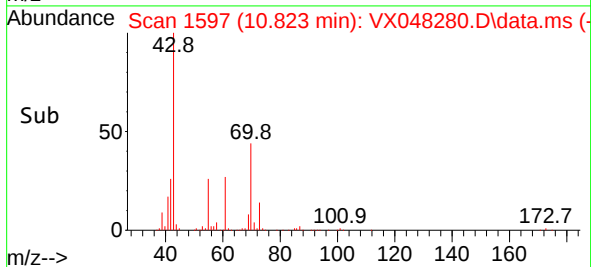
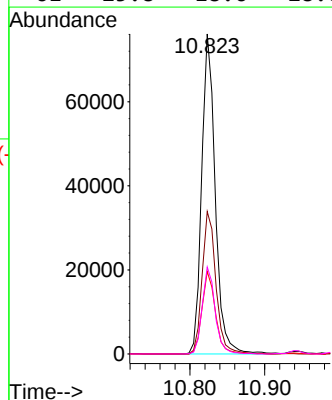
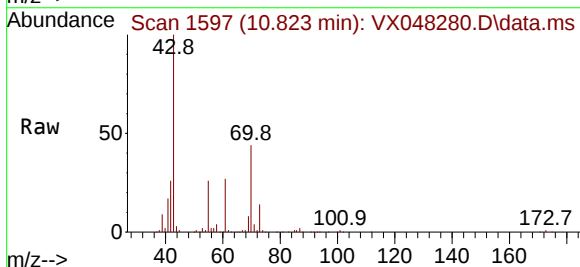
Manual Integrations
APPROVED

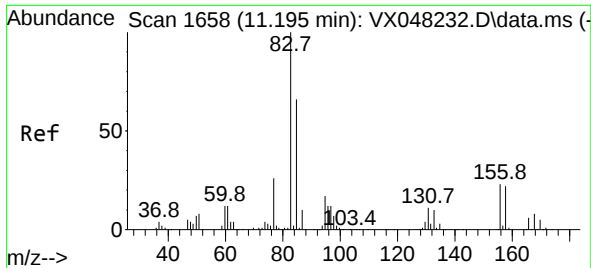
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#74
N-ethyl acetate
Concen: 48.424 ug/l
RT: 10.823 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 43 Resp: 96095
Ion Ratio Lower Upper
43 100
70 45.2 32.2 48.2
55 25.5 19.1 28.7
61 25.8 18.6 28.0





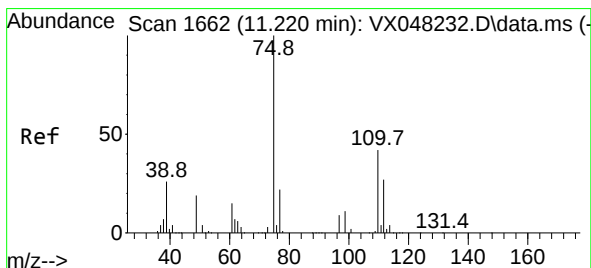
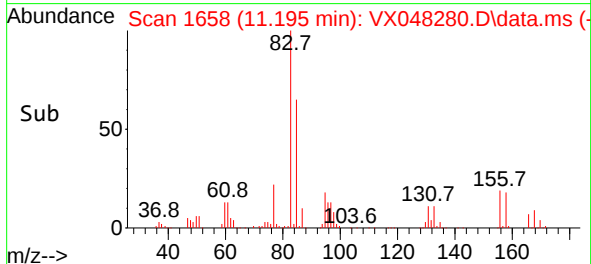
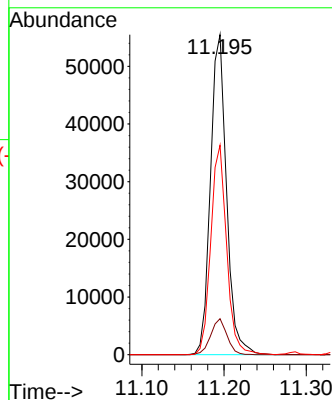
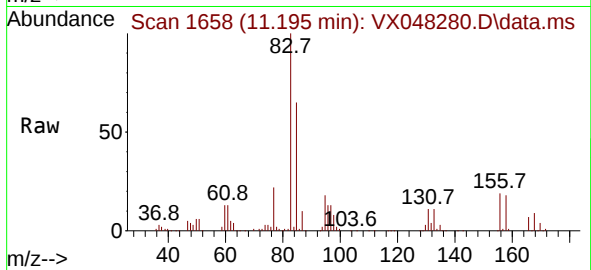
#75
1,1,2,2-Tetrachloroethane
Concen: 49.292 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 7530
Ion Ratio Lower Upper
83 100
131 11.4 4.8 14.4
85 64.7 31.9 95.7

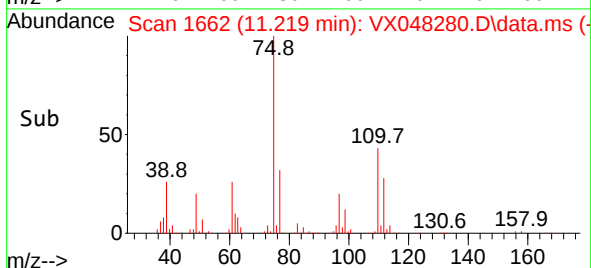
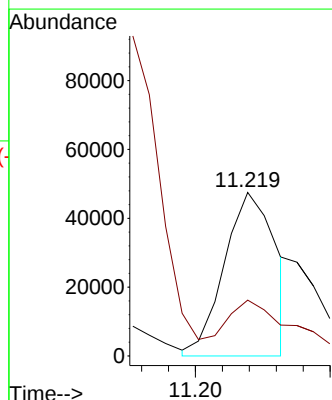
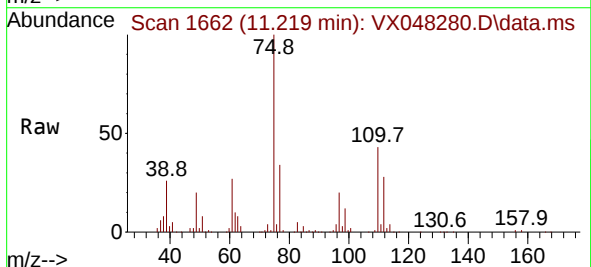
Manual Integrations
APPROVED

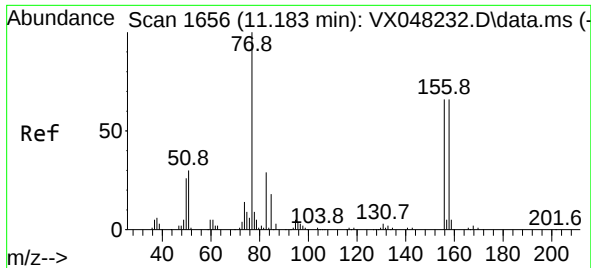
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#76
1,2,3-Trichloropropane
Concen: 50.882 ug/l m
RT: 11.219 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

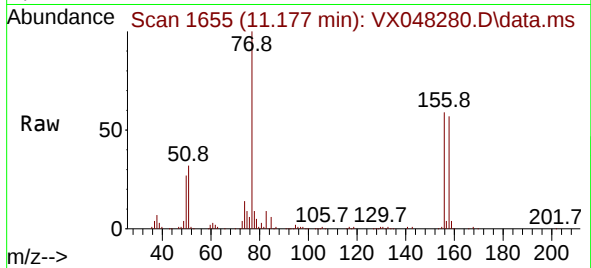
Tgt Ion: 75 Resp: 63201
Ion Ratio Lower Upper
75 100
77 45.1 22.4 67.2





#77
Bromobenzene
Concen: 53.507 ug/l
RT: 11.177 min Scan# 1655
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

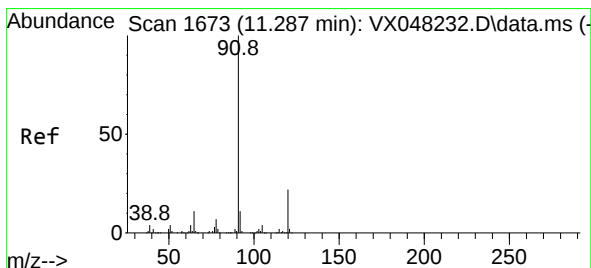
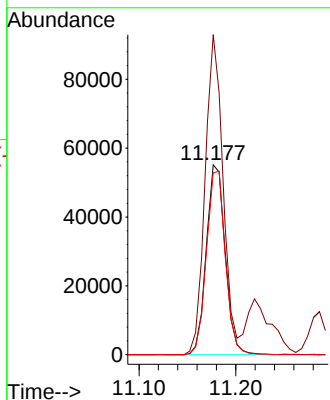
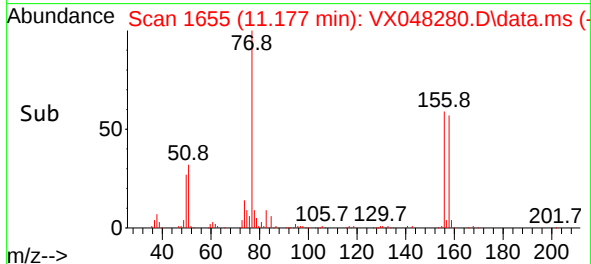
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 75059
Ion Ratio Lower Upper
156 100
77 159.4 87.0 261.0
158 96.7 47.8 143.4

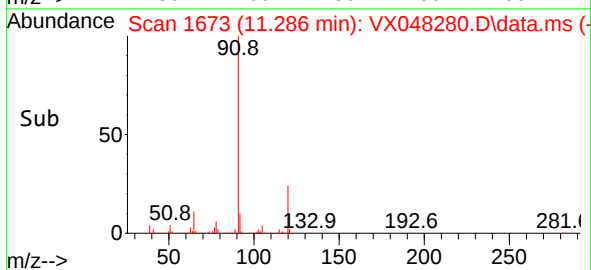
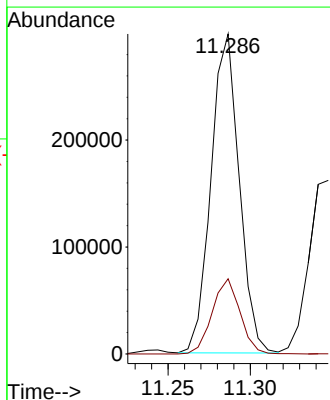
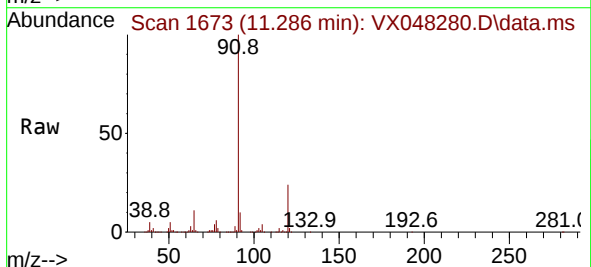
Manual Integrations
APPROVED

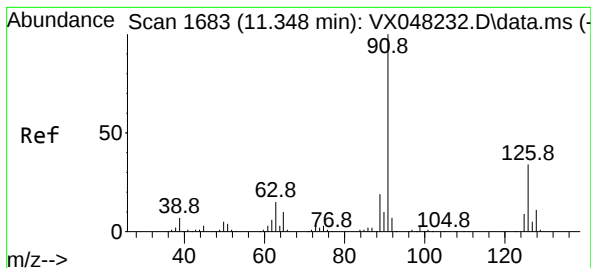
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#78
n-propylbenzene
Concen: 55.000 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Tgt Ion: 91 Resp: 356264
Ion Ratio Lower Upper
91 100
120 23.3 11.1 33.1





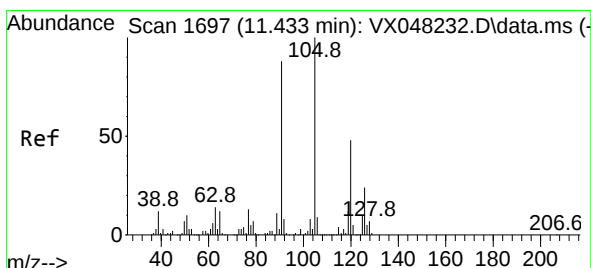
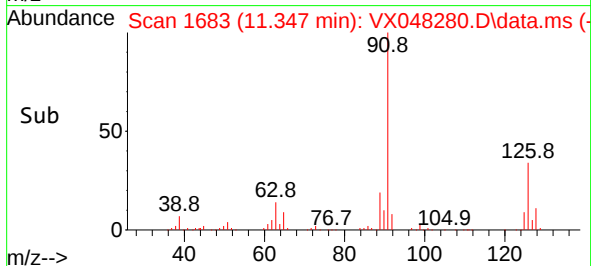
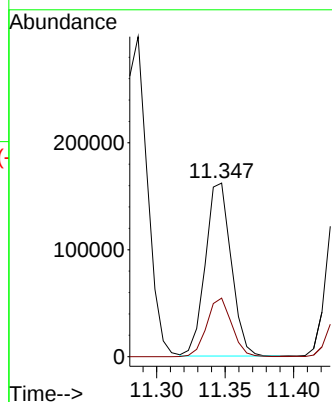
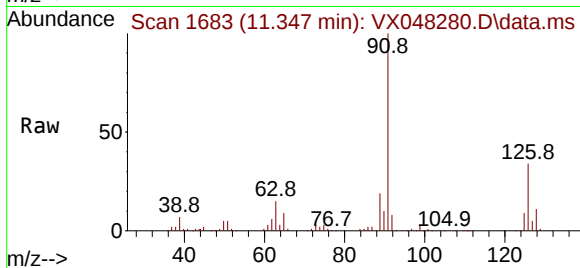
#79
2-Chlorotoluene
Concen: 54.093 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 212434
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.4

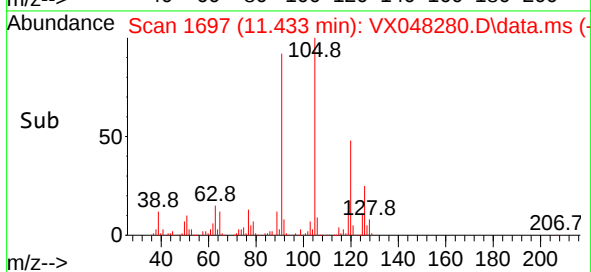
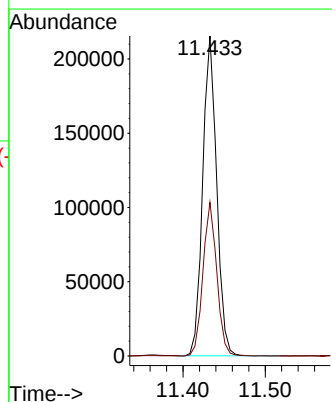
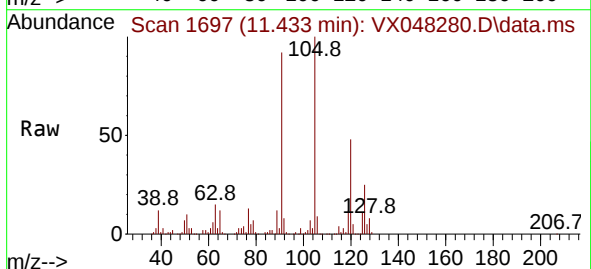
Manual Integrations
APPROVED

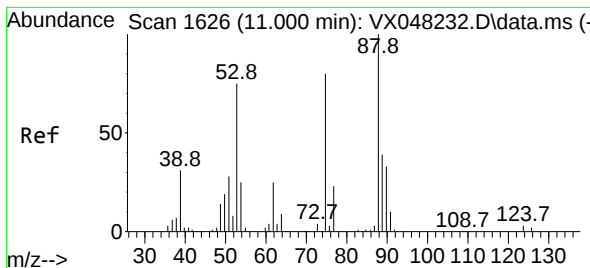
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.818 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

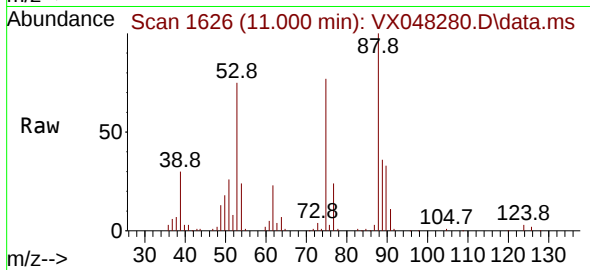
Tgt Ion:105 Resp: 253794
Ion Ratio Lower Upper
105 100
120 47.6 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 50.299 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

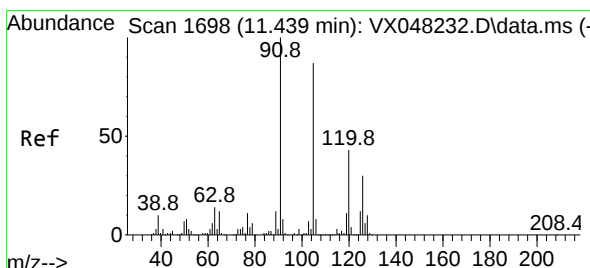
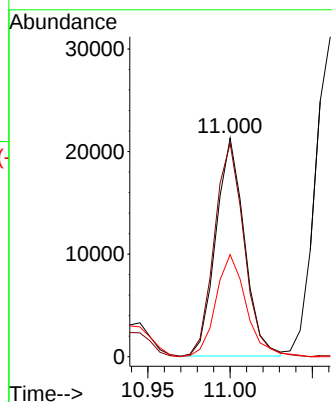
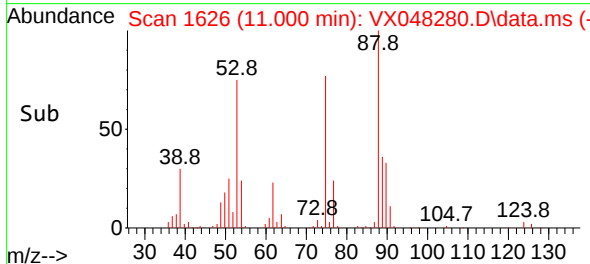
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



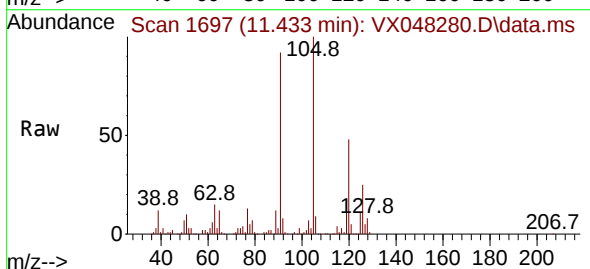
Tgt Ion: 75 Resp: 25680
Ion Ratio Lower Upper
75 100
53 102.3 79.5 119.3
89 49.9 36.8 55.2

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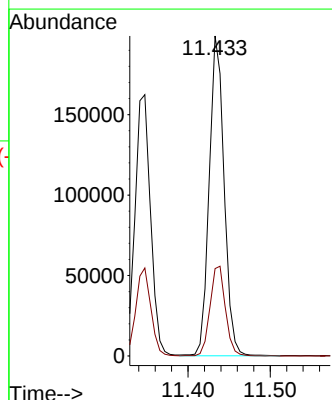
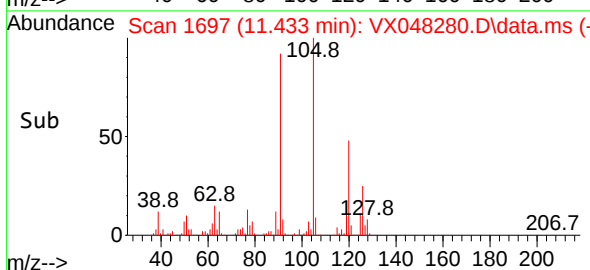
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025

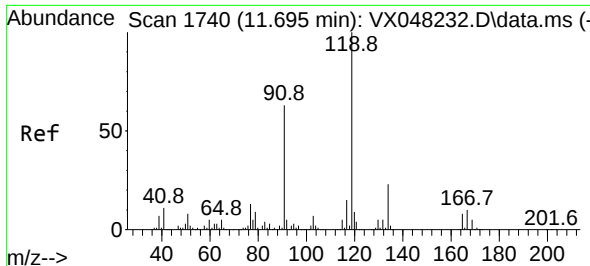


#82
4-Chlorotoluene
Concen: 53.783 ug/l
RT: 11.433 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37



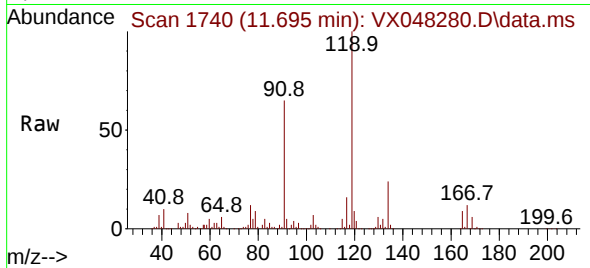
Tgt Ion: 91 Resp: 250734
Ion Ratio Lower Upper
91 100
126 29.0 14.1 42.4





#83
tert-Butylbenzene
Concen: 53.430 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

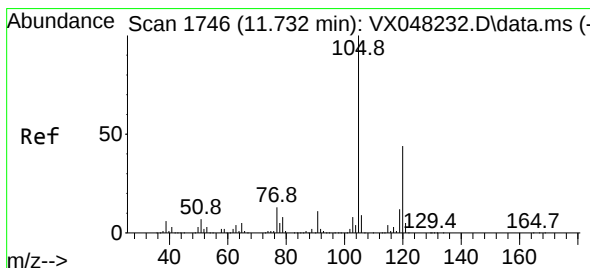
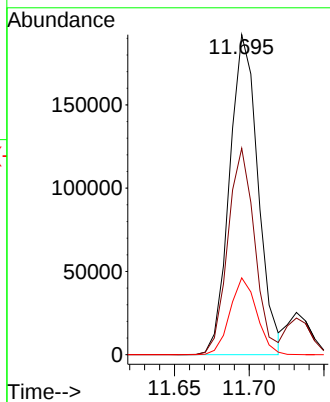
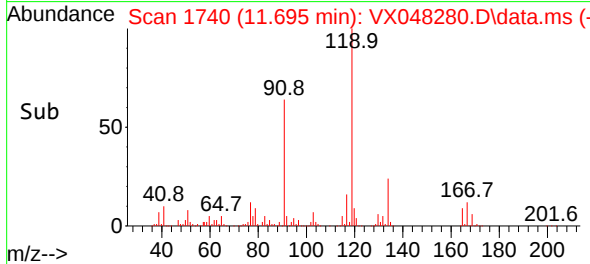
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



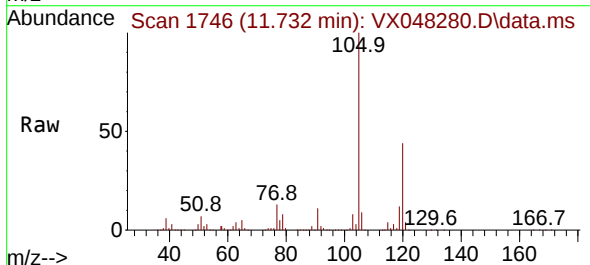
Tgt Ion:119 Resp: 254160
Ion Ratio Lower Upper
119 100
91 61.2 30.3 91.0
134 22.6 11.4 34.2

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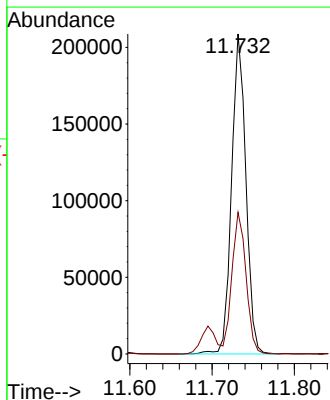
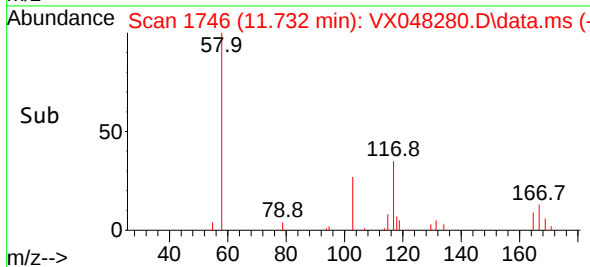
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#84
1,2,4-Trimethylbenzene
Concen: 54.596 ug/l
RT: 11.732 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37



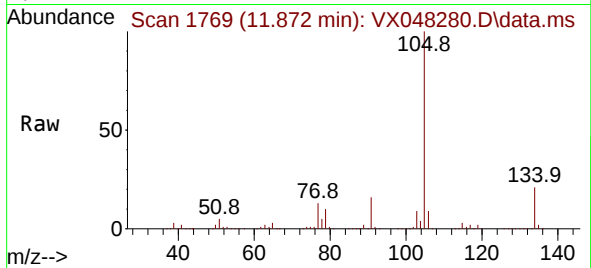
Tgt Ion:105 Resp: 252256
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 54.013 ug/l
 RT: 11.872 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37

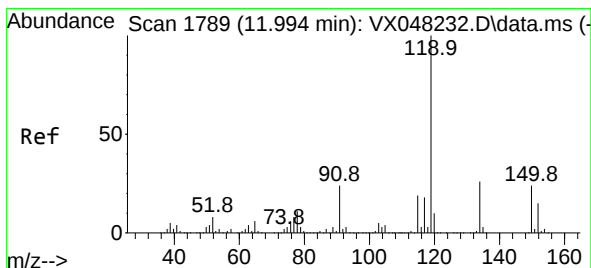
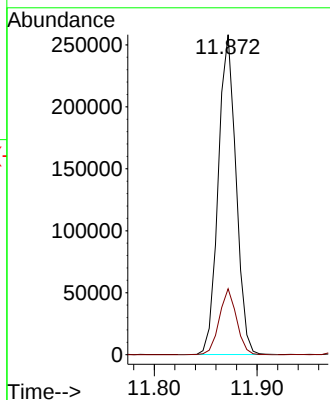
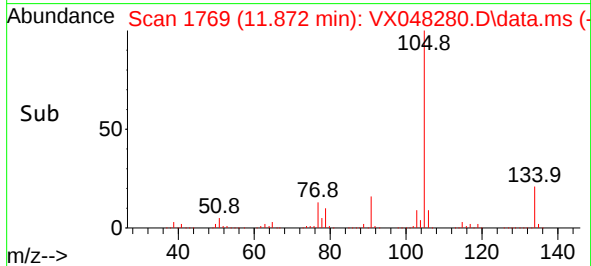
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



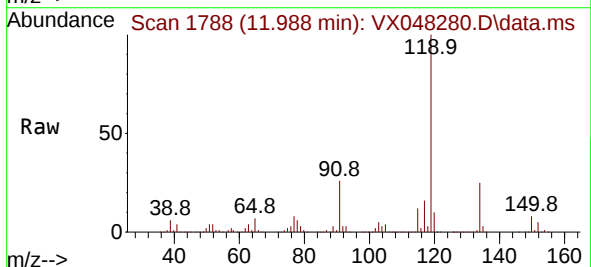
Tgt Ion:105 Resp: 309120
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

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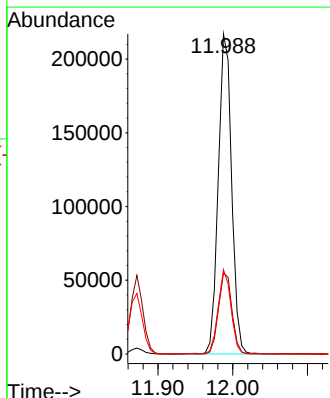
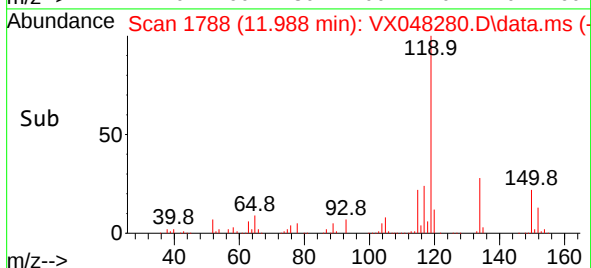
Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/24/2025



#86
 p-Isopropyltoluene
 Concen: 54.408 ug/l
 RT: 11.988 min Scan# 1788
 Delta R.T. -0.000 min
 Lab File: VX048280.D
 Acq: 22 Oct 2025 08:37



Tgt Ion:119 Resp: 269139
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 25.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 52.079 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX048280.D

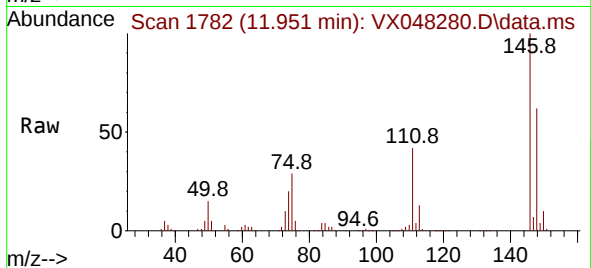
Acq: 22 Oct 2025 08:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 13772

Ion Ratio Lower Upper

146 100

111 42.6 20.4 61.2

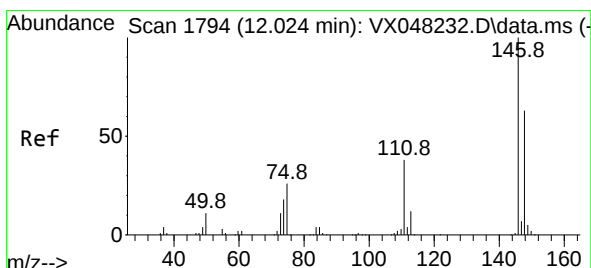
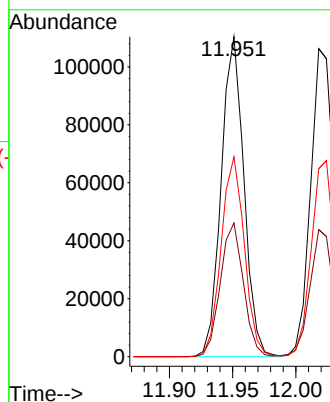
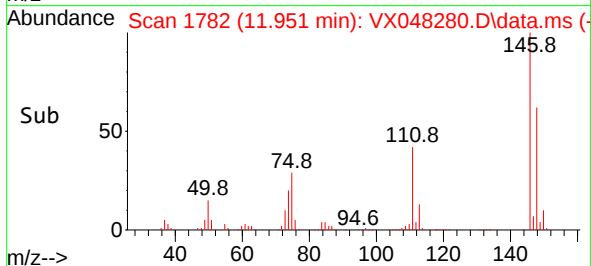
148 63.9 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2025

Supervised By :Mahesh Dadoda 10/24/2025



#88

1,4-Dichlorobenzene

Concen: 50.886 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX048280.D

Acq: 22 Oct 2025 08:37

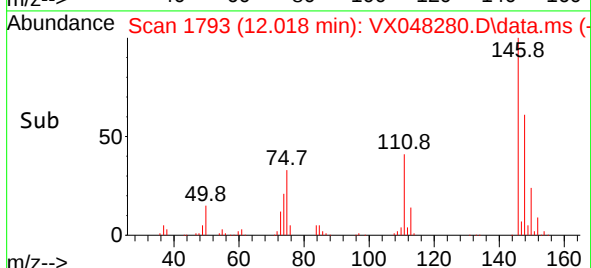
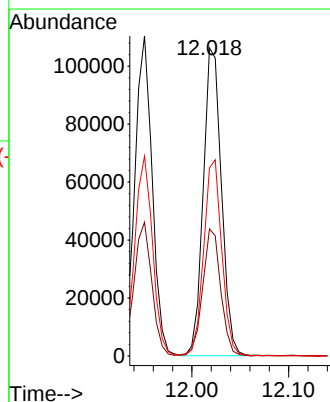
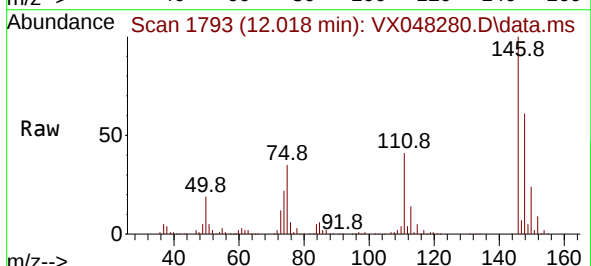
Tgt Ion:146 Resp: 139405

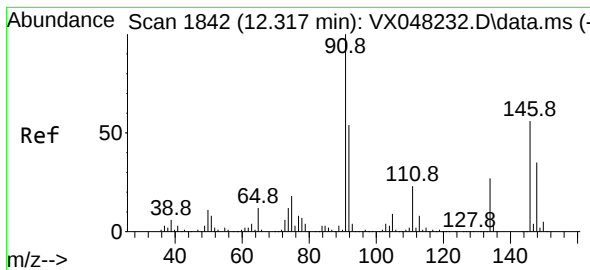
Ion Ratio Lower Upper

146 100

111 40.9 20.1 60.2

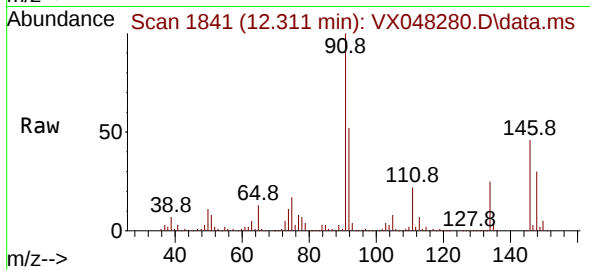
148 63.0 31.8 95.3





#89
n-Butylbenzene
Concen: 52.334 ug/l
RT: 12.311 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

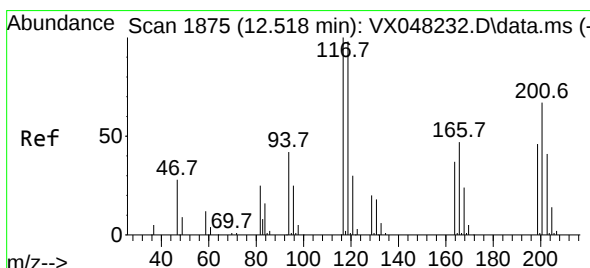
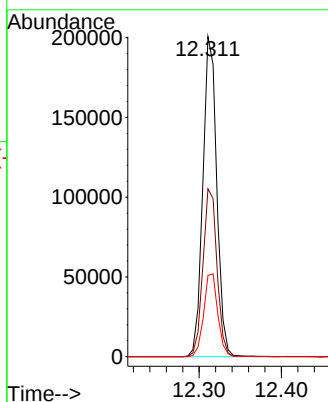
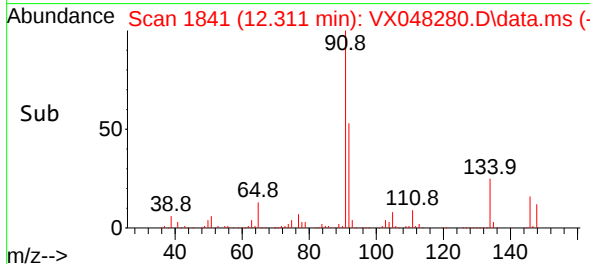
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 235632
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.6
134 26.2 12.7 38.1

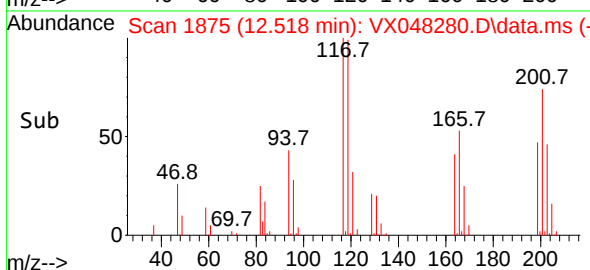
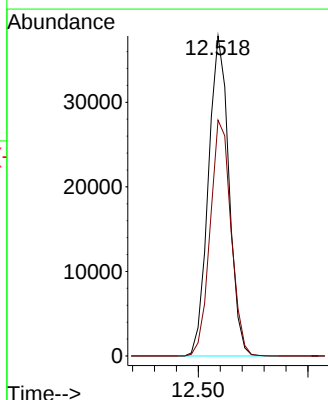
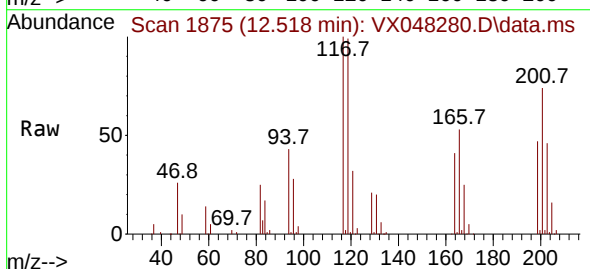
Manual Integrations
APPROVED

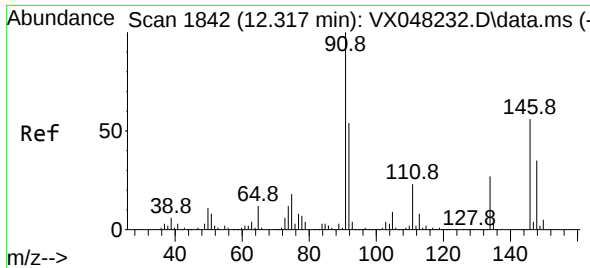
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#90
Hexachloroethane
Concen: 50.400 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

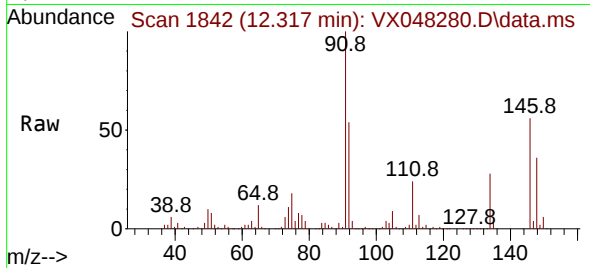
Tgt Ion:117 Resp: 49234
Ion Ratio Lower Upper
117 100
201 74.7 34.1 102.2





#91
1,2-Dichlorobenzene
Concen: 52.256 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

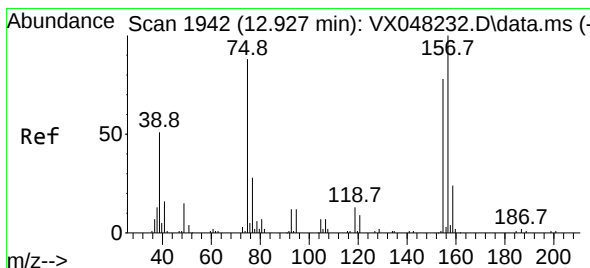
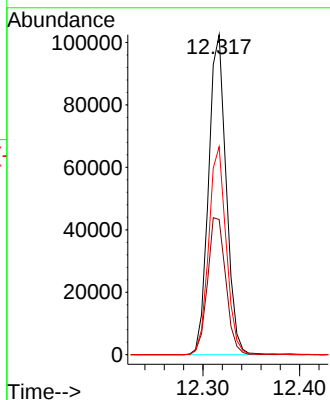
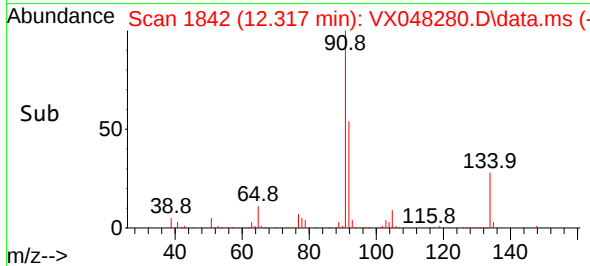
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 12974
Ion Ratio Lower Upper
146 100
111 44.6 21.9 65.5
148 64.7 31.9 95.5

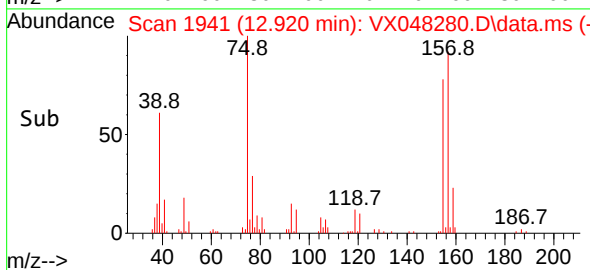
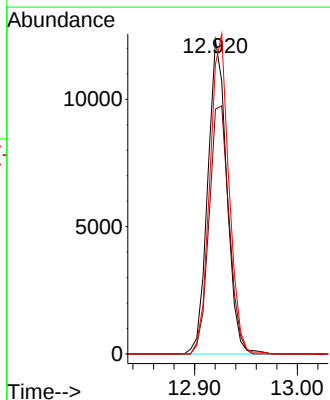
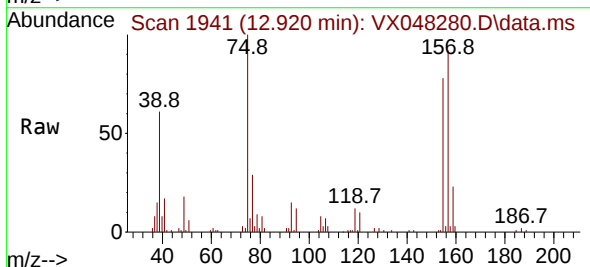
Manual Integrations
APPROVED

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



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.071 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

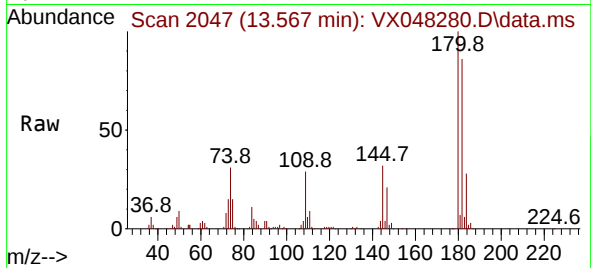
Tgt Ion: 75 Resp: 15838
Ion Ratio Lower Upper
75 100
155 83.0 42.8 128.4
157 102.4 54.2 162.6





#93
1,2,4-Trichlorobenzene
Concen: 51.009 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

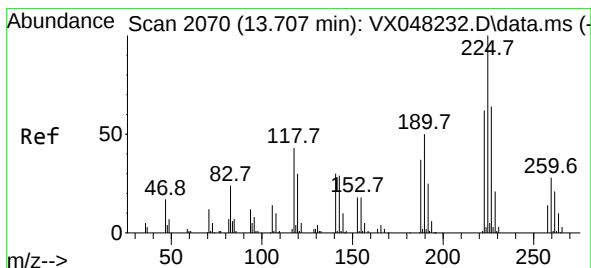
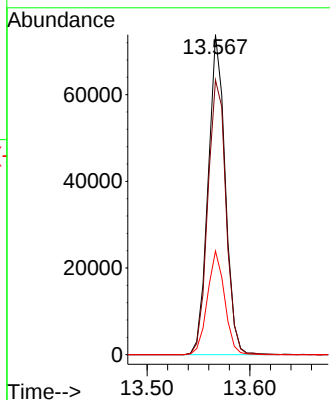
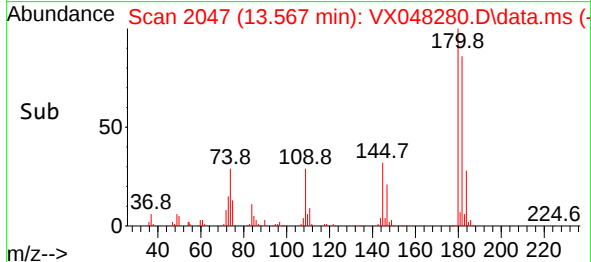
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:180 Resp: 8564
Ion Ratio Lower Upper
180 100
182 91.2 47.3 142.0
145 32.5 16.3 48.9

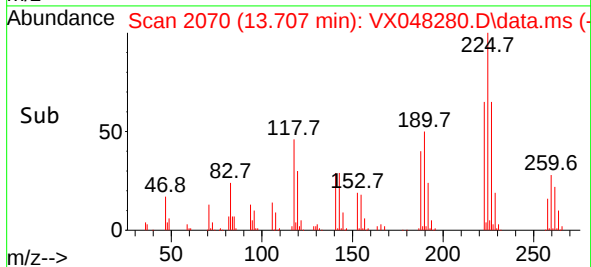
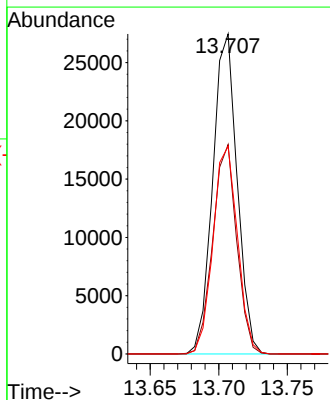
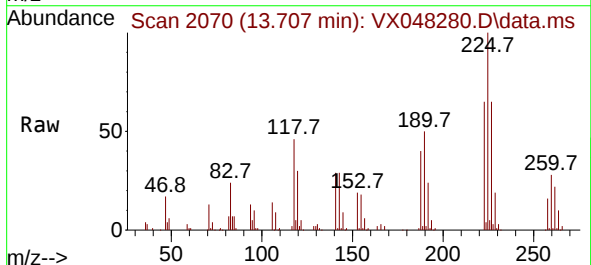
Manual Integrations
APPROVED

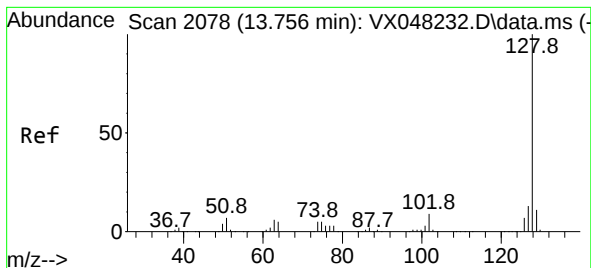
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#94
Hexachlorobutadiene
Concen: 54.034 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

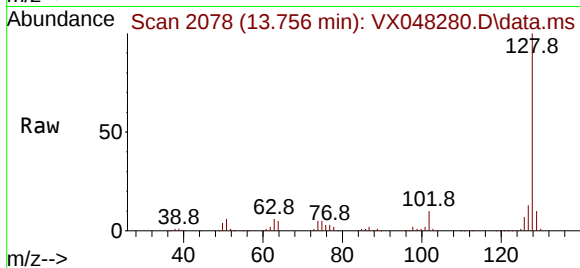
Tgt Ion:225 Resp: 34001
Ion Ratio Lower Upper
225 100
223 64.3 32.6 97.7
227 65.2 32.5 97.4





#95
Naphthalene
Concen: 51.017 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37

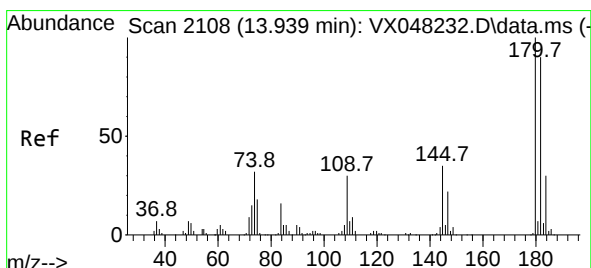
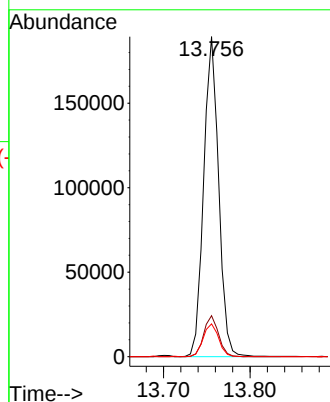
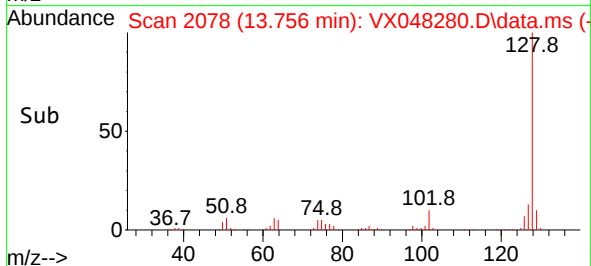
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



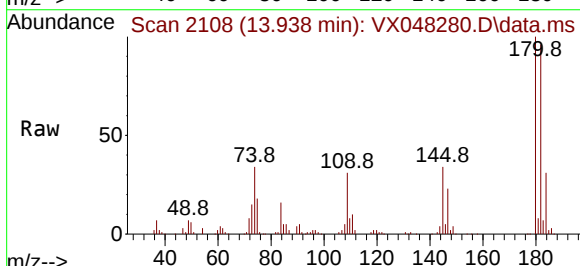
Tgt Ion:128 Resp: 226945
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.6 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 51.255 ug/l
RT: 13.938 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VX048280.D
Acq: 22 Oct 2025 08:37



Tgt Ion:180 Resp: 78971
Ion Ratio Lower Upper
180 100
182 95.5 46.6 139.7
145 34.7 16.9 50.7

