

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046284.D
 Acq On : 21 May 2025 09:55
 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 05/22/2025
 Supervised By : Mahesh Dadoda 05/22/2025

Quant Time: May 22 01:44:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	95080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	161730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	140445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	86766	48.949	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.900%		
35) Dibromofluoromethane	5.373	113	59999	51.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.040%		
50) Toluene-d8	8.641	98	197841	49.081	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.160%		
62) 4-Bromofluorobenzene	11.079	95	77871	50.363	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.720%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	73733	50.666	ug/l	98
3) Chloromethane	1.300	50	68253	48.364	ug/l	99
4) Vinyl Chloride	1.374	62	62535	47.612	ug/l	99
5) Bromomethane	1.593	94	28042	46.032	ug/l	97
6) Chloroethane	1.666	64	35734	50.964	ug/l	99
7) Trichlorofluoromethane	1.873	101	98615	50.803	ug/l	99
8) Diethyl Ether	2.129	74	32223	48.764	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	60440	50.314	ug/l	99
10) Methyl Iodide	2.440	142	66552	46.821	ug/l	99
11) Tert butyl alcohol	2.971	59	60414	242.803	ug/l	100
12) 1,1-Dichloroethene	2.306	96	53753	47.678	ug/l	95
13) Acrolein	2.233	56	90969	321.031	ug/l	99
14) Allyl chloride	2.654	41	111182	51.600	ug/l	98
15) Acrylonitrile	3.062	53	181499	255.100	ug/l	98
16) Acetone	2.379	43	182996	257.477	ug/l	100
17) Carbon Disulfide	2.501	76	120535	45.096	ug/l	100
18) Methyl Acetate	2.703	43	97480	59.105	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	203555	51.499	ug/l	100
20) Methylene Chloride	2.782	84	63593	46.691	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	54097	47.714	ug/l	95
22) Diisopropyl ether	3.757	45	215610	51.803	ug/l	94
23) Vinyl Acetate	3.715	43	930126	254.084	ug/l	99
24) 1,1-Dichloroethane	3.599	63	117763	50.800	ug/l	99
25) 2-Butanone	4.550	43	262160	254.074	ug/l	99
26) 2,2-Dichloropropane	4.458	77	95337	52.543	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	67216	49.246	ug/l	99
28) Bromochloromethane	4.885	49	52685	47.215	ug/l	97
29) Tetrahydrofuran	4.995	42	162193	250.853	ug/l	98
30) Chloroform	5.080	83	122654	50.762	ug/l	95
31) Cyclohexane	5.458	56	98339	46.552	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	106109	50.660	ug/l	99
36) 1,1-Dichloropropene	5.678	75	76348	48.791	ug/l	99
37) Ethyl Acetate	4.702	43	97045	50.197	ug/l	99
38) Carbon Tetrachloride	5.665	117	89504	50.907	ug/l	96
39) Methylcyclohexane	7.372	83	96076	47.691	ug/l	97
40) Benzene	6.025	78	228406	49.833	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	56109	55.480	ug/l	99
42) 1,2-Dichloroethane	6.074	62	99497	50.298	ug/l	100
43) Isopropyl Acetate	6.330	43	156279	52.987	ug/l	99
44) Trichloroethene	7.116	130	55656	50.452	ug/l	97
45) 1,2-Dichloropropane	7.421	63	59253	51.990	ug/l	98
46) Dibromomethane	7.574	93	45422	50.531	ug/l	99
47) Bromodichloromethane	7.811	83	94679	53.478	ug/l	96
48) Methyl methacrylate	7.689	41	81658	54.212	ug/l	98
49) 1,4-Dioxane	7.653	88	27967	977.870	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	514742	262.926	ug/l	99
52) Toluene	8.714	92	138588	49.311	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	85646	54.425	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	94157	54.136	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	57326	51.730	ug/l	98
56) Ethyl methacrylate	9.110	69	94728	53.634	ug/l	99
57) 1,3-Dichloropropane	9.305	76	98942	49.714	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	246422	273.669	ug/l	100
59) 2-Hexanone	9.427	43	382250	263.910	ug/l	100
60) Dibromochloromethane	9.518	129	66902	54.971	ug/l	99
61) 1,2-Dibromoethane	9.604	107	58066	50.413	ug/l	95
64) Tetrachloroethene	9.268	164	52030	52.359	ug/l	98
65) Chlorobenzene	10.073	112	151979	49.440	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54978	52.376	ug/l	99
67) Ethyl Benzene	10.189	91	276408	51.011	ug/l	100
68) m/p-Xylenes	10.299	106	202607	102.233	ug/l	98
69) o-Xylene	10.640	106	99977	51.746	ug/l	99
70) Styrene	10.652	104	170672	53.925	ug/l	100
71) Bromoform	10.799	173	43139	54.740	ug/l #	97
73) Isopropylbenzene	10.957	105	271177	51.463	ug/l	100
74) N-amyl acetate	10.841	43	134729	51.743	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	87943	47.625	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	80571m	49.455	ug/l	
77) Bromobenzene	11.195	156	60921	49.799	ug/l	99
78) n-propylbenzene	11.299	91	316117	51.595	ug/l	100
79) 2-Chlorotoluene	11.360	91	193981	49.086	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	226364	51.421	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	26609	53.175	ug/l	98
82) 4-Chlorotoluene	11.451	91	225123	51.369	ug/l	99
83) tert-Butylbenzene	11.713	119	223522	50.408	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	231302	51.885	ug/l	99
85) sec-Butylbenzene	11.890	105	283817	52.129	ug/l	100
86) p-Isopropyltoluene	12.006	119	234688	52.222	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	112832	50.537	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	113352	49.713	ug/l	100
89) n-Butylbenzene	12.329	91	212152	53.818	ug/l	100
90) Hexachloroethane	12.536	117	41588	52.527	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	114456	51.087	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21272	52.001	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	66110	51.375	ug/l	99
94) Hexachlorobutadiene	13.725	225	28949	51.510	ug/l	98
95) Naphthalene	13.774	128	233630	49.502	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	68077	51.272	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 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



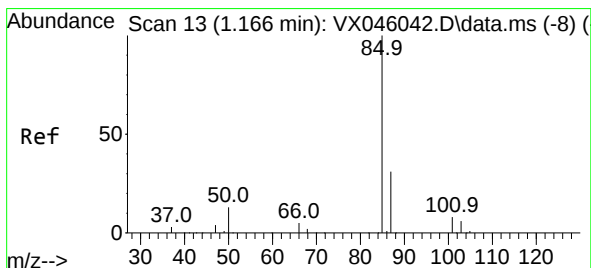
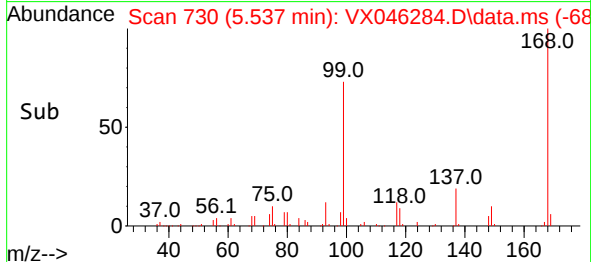
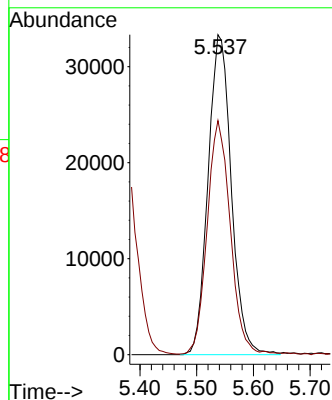
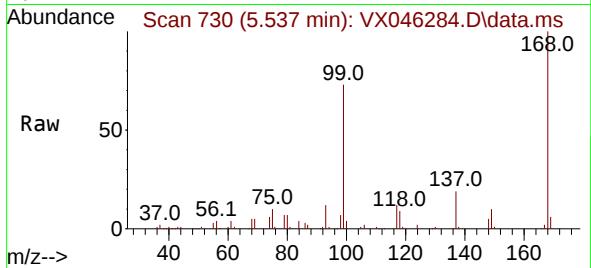
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 95080
Ion Ratio Lower Upper
168 100
99 72.9 54.9 82.3

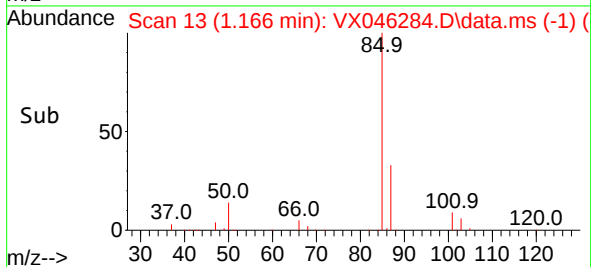
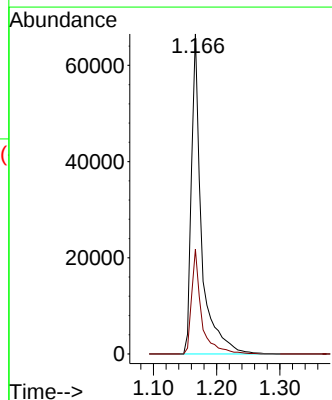
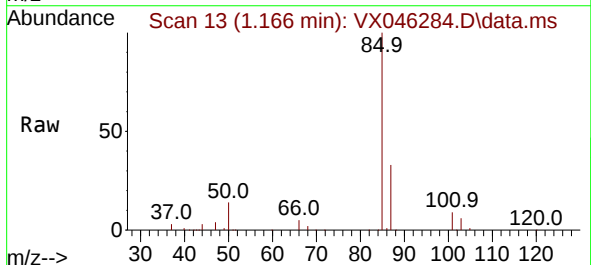
Manual Integrations
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Reviewed By :John Carlone 05/22/2025
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#2
Dichlorodifluoromethane
Concen: 50.666 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion: 85 Resp: 73733
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.1





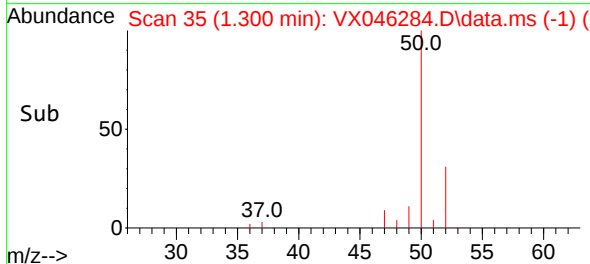
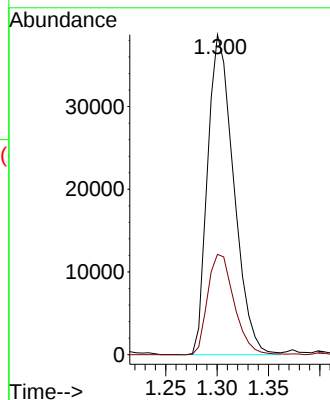
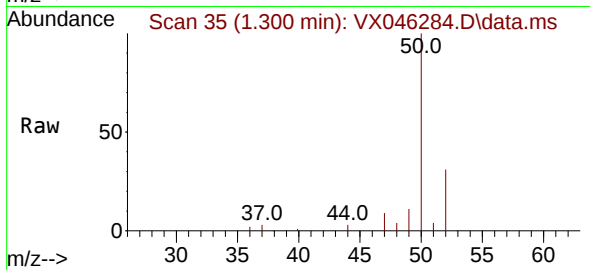
#3
Chloromethane
Concen: 48.364 ug/l
RT: 1.300 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 6825
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.2

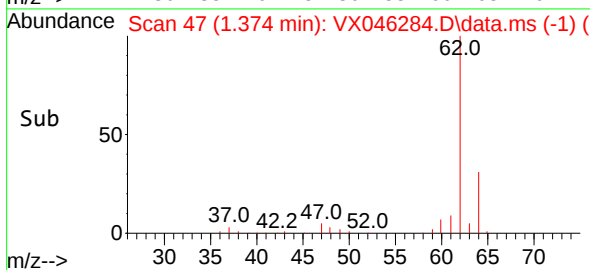
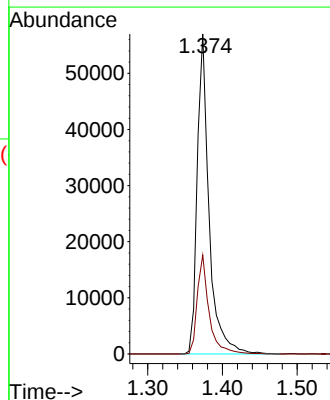
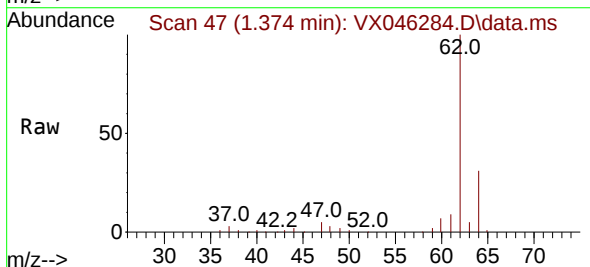
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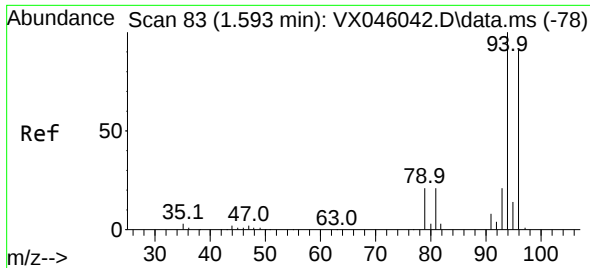
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Supervised By :Mahesh Dadoda 05/22/2025



#4
Vinyl Chloride
Concen: 47.612 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

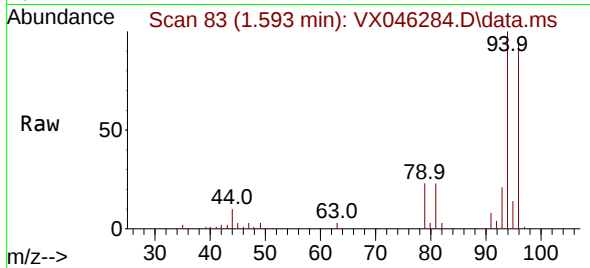
Tgt Ion: 62 Resp: 62535
Ion Ratio Lower Upper
62 100
64 30.9 25.2 37.8





#5
Bromomethane
Concen: 46.032 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

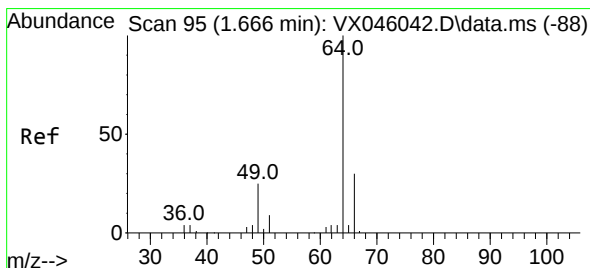
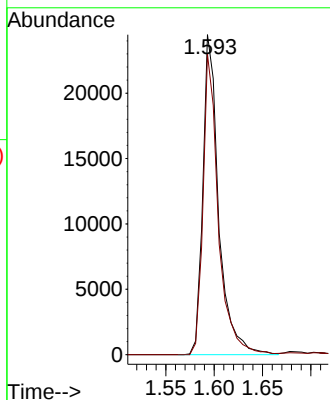
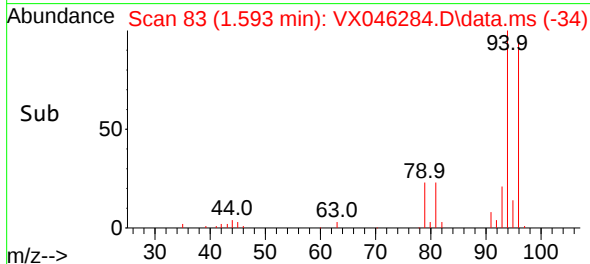
Instrument :
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Tgt Ion: 94 Resp: 2804
Ion Ratio Lower Upper
94 100
96 93.9 72.8 109.2

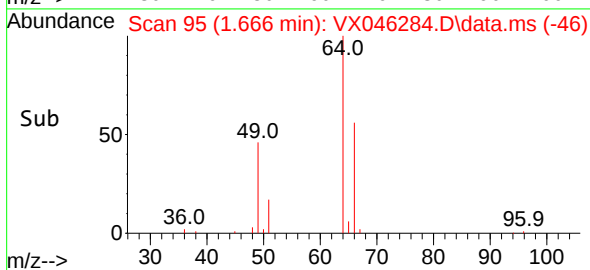
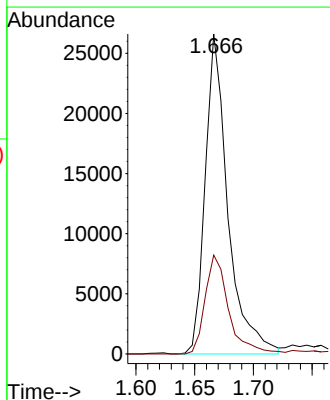
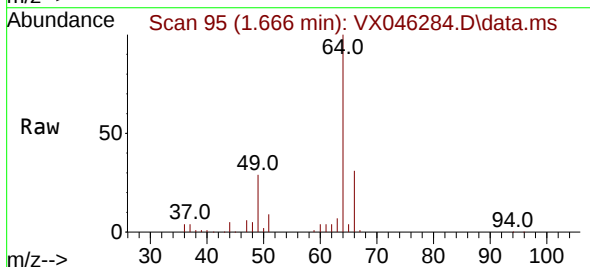
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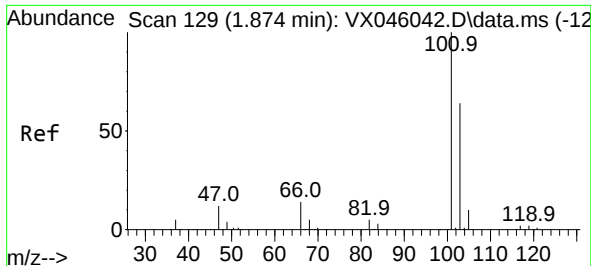
Reviewed By :John Carlone 05/22/2025
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#6
Chloroethane
Concen: 50.964 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046284.D
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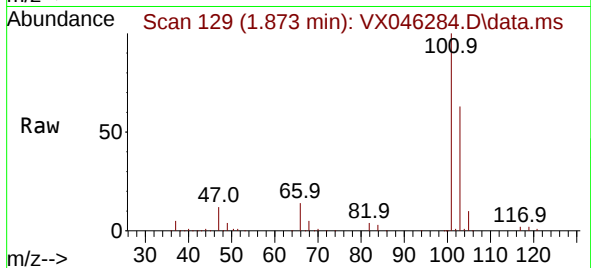
Tgt Ion: 64 Resp: 35734
Ion Ratio Lower Upper
64 100
66 30.9 24.3 36.5





#7
Trichlorofluoromethane
Concen: 50.803 ug/l
RT: 1.873 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

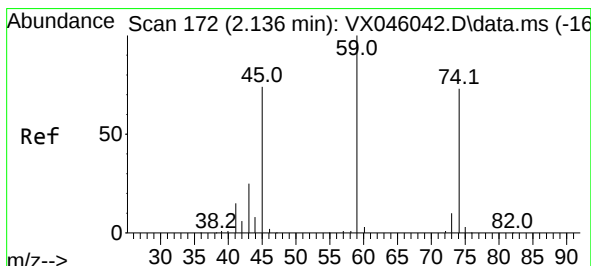
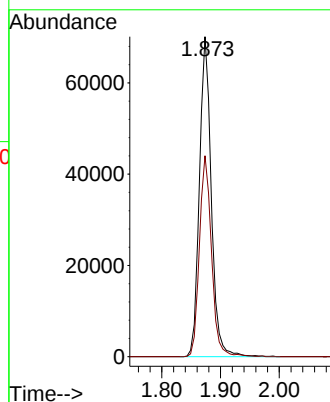
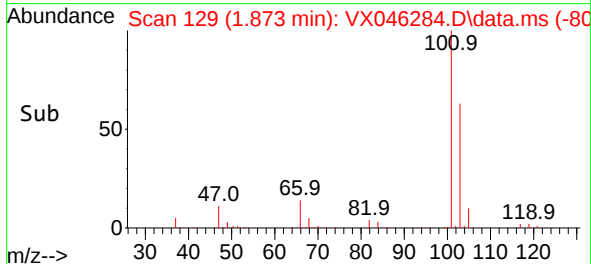
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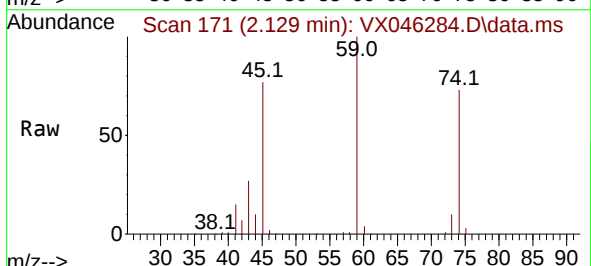
Tgt Ion:101 Resp: 9861
Ion Ratio Lower Upper
101 100
103 62.8 51.0 76.4

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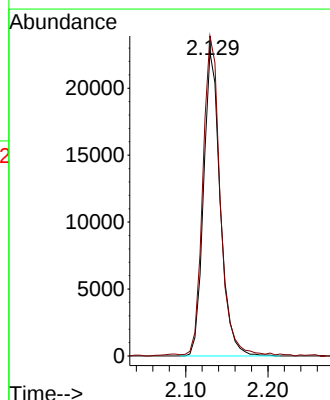
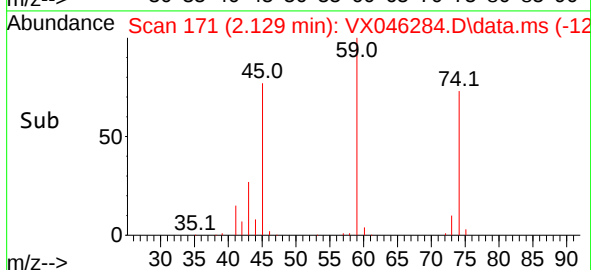
Reviewed By :John Carlone 05/22/2025
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#8
Diethyl Ether
Concen: 48.764 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



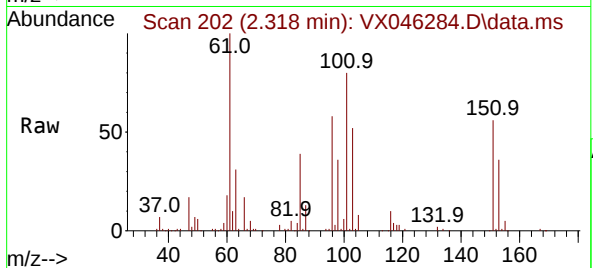
Tgt Ion: 74 Resp: 32223
Ion Ratio Lower Upper
74 100
45 110.4 54.9 164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.314 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046284.D
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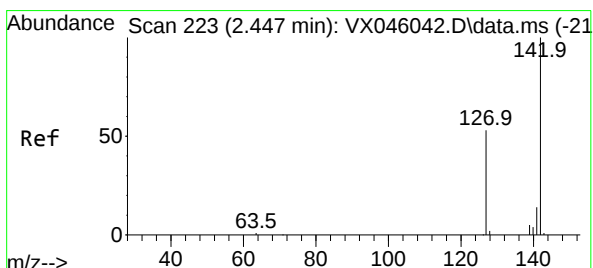
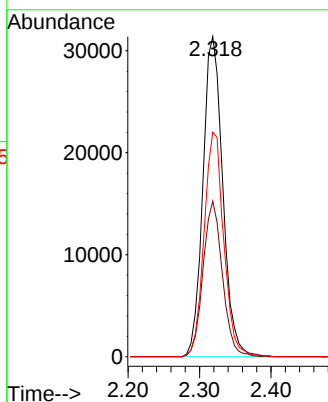
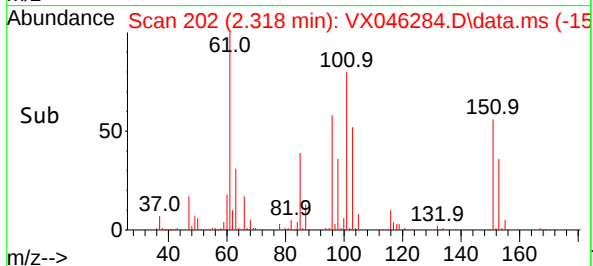
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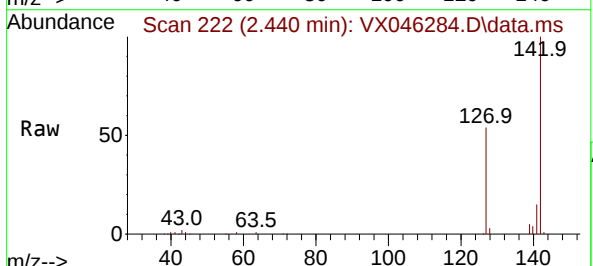
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Ion Ratio Lower Upper
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151 69.8 55.2 82.8

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APPROVED

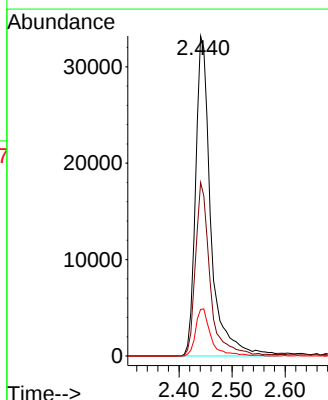
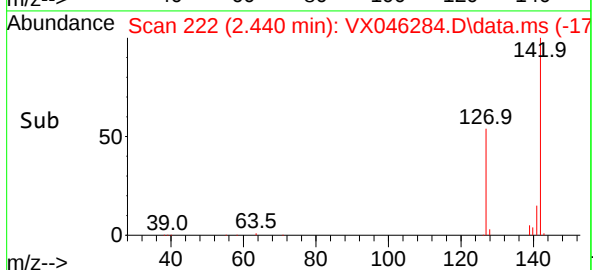
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

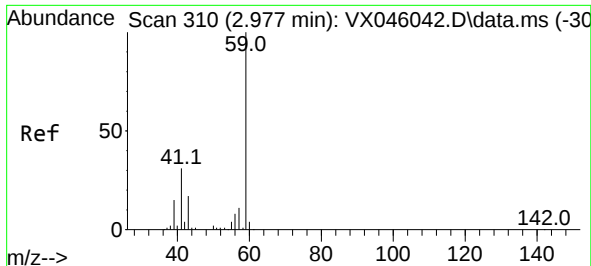


#10
Methyl Iodide
Concen: 46.821 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



Tgt Ion:142 Resp: 66552
Ion Ratio Lower Upper
142 100
127 52.8 41.7 62.5
141 14.7 11.5 17.3





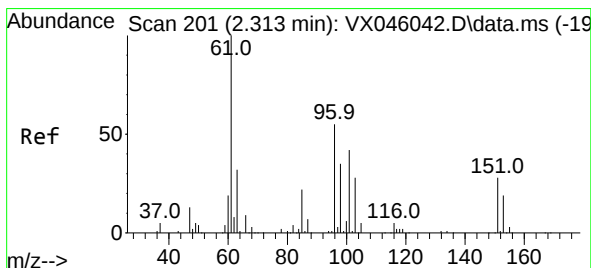
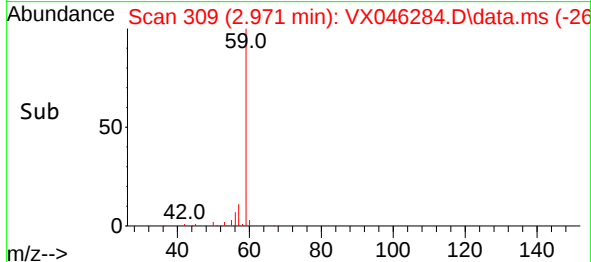
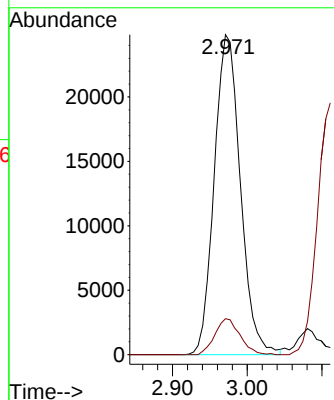
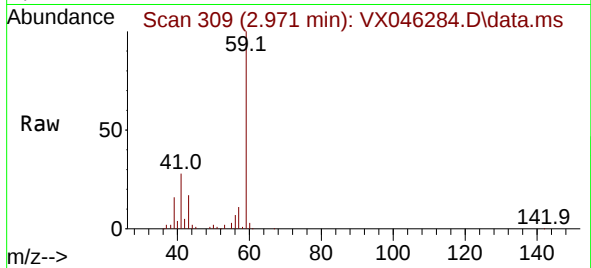
#11
Tert butyl alcohol
Concen: 242.803 ug/l
RT: 2.971 min Scan# 30
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 60414
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

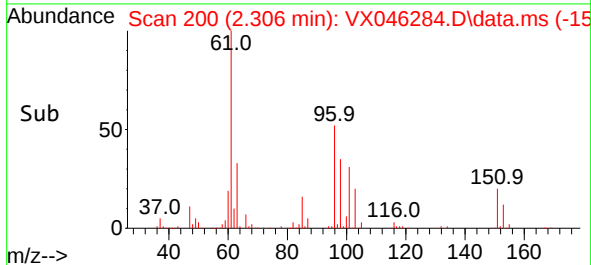
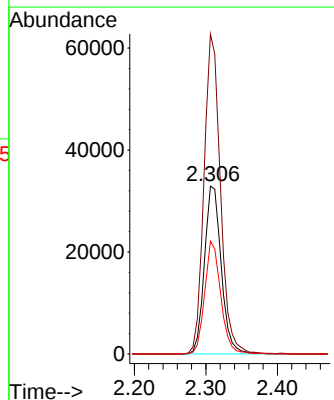
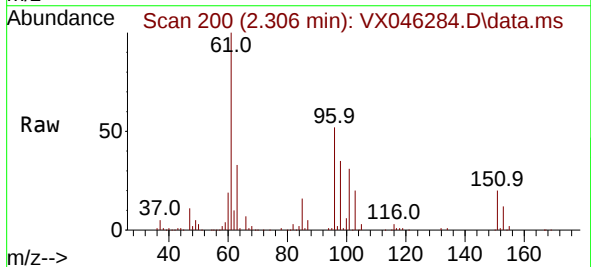
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#12
1,1-Dichloroethene
Concen: 47.678 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

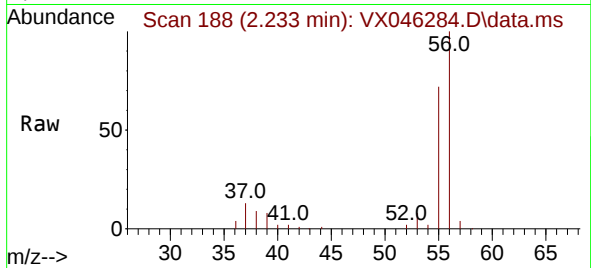
Tgt Ion: 96 Resp: 53753
Ion Ratio Lower Upper
96 100
61 190.6 146.2 219.2
98 67.2 51.0 76.6





#13
Acrolein
Concen: 321.031 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

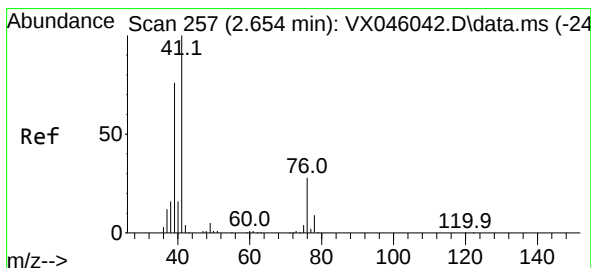
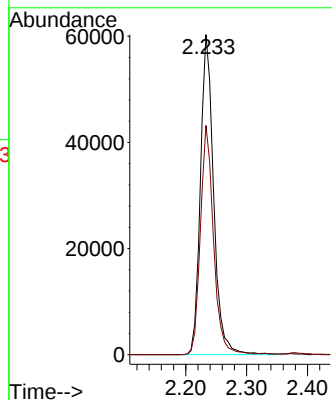
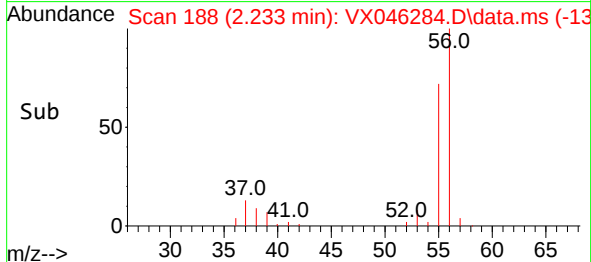
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 90969
Ion Ratio Lower Upper
56 100
55 71.1 56.2 84.4

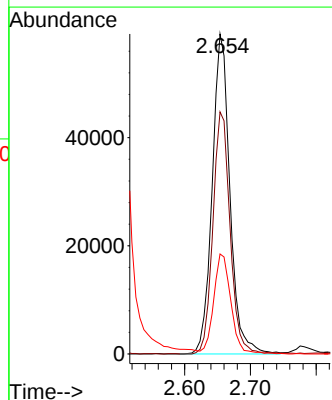
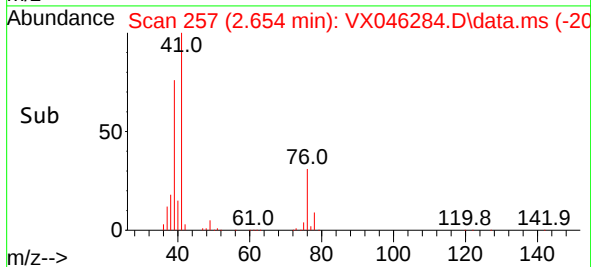
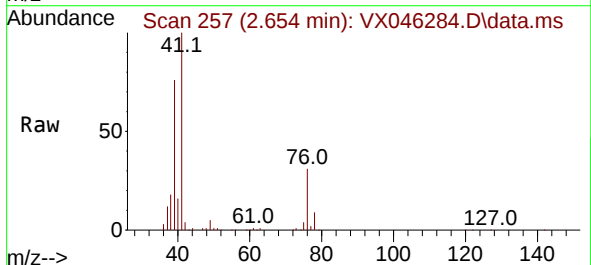
Manual Integrations
APPROVED

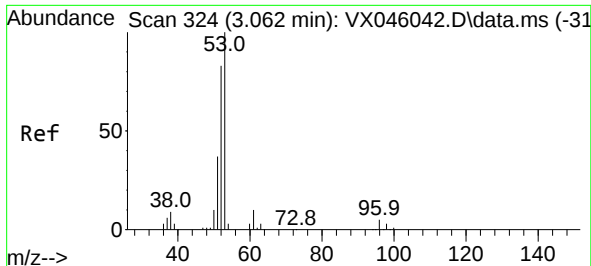
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#14
Allyl chloride
Concen: 51.600 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

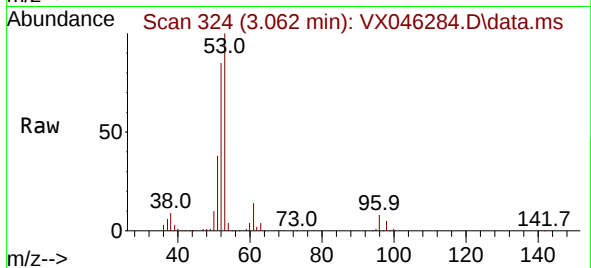
Tgt Ion: 41 Resp: 111182
Ion Ratio Lower Upper
41 100
39 73.3 60.6 90.8
76 30.2 24.9 37.3





#15
Acrylonitrile
Concen: 255.100 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

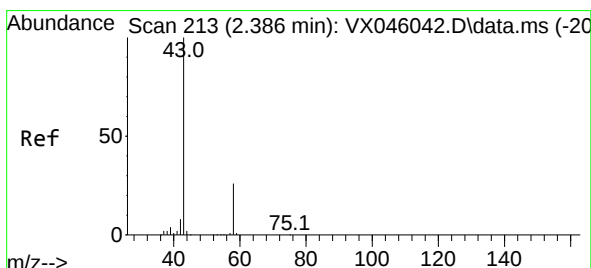
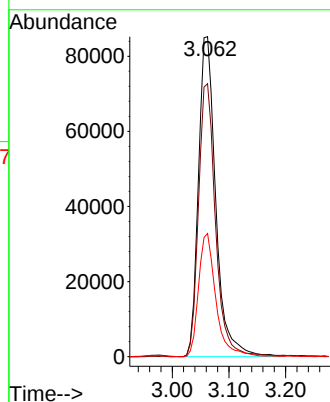
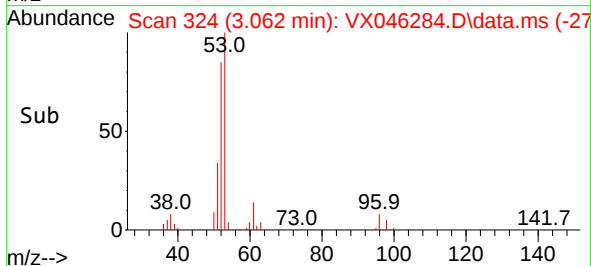
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 181499
Ion Ratio Lower Upper
53 100
52 83.7 65.3 97.9
51 38.5 29.8 44.8

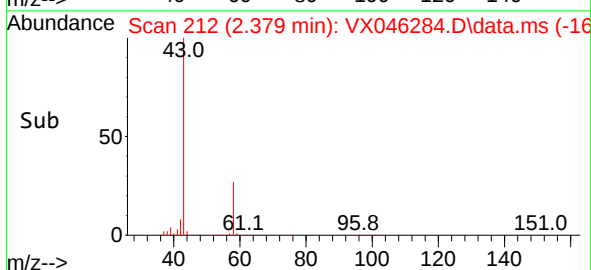
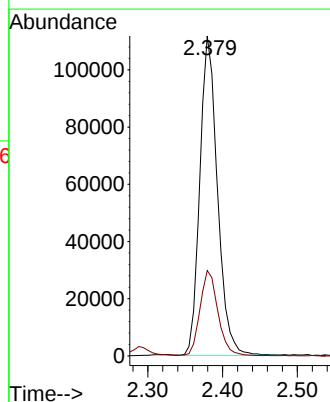
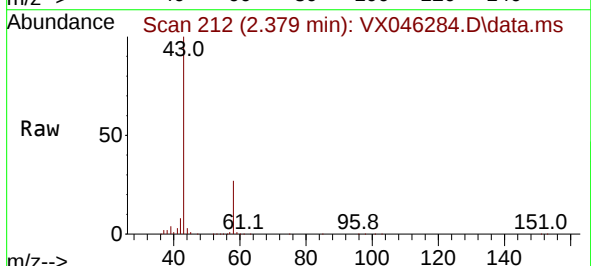
Manual Integrations
APPROVED

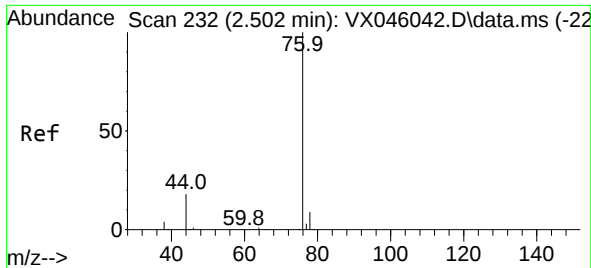
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#16
Acetone
Concen: 257.477 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion: 43 Resp: 182996
Ion Ratio Lower Upper
43 100
58 26.6 21.2 31.8





#17

Carbon Disulfide

Concen: 45.096 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 12053

Ion Ratio Lower Upper

76 100

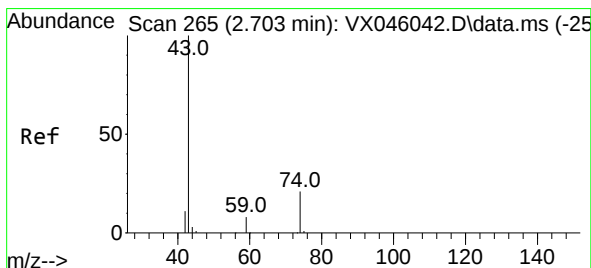
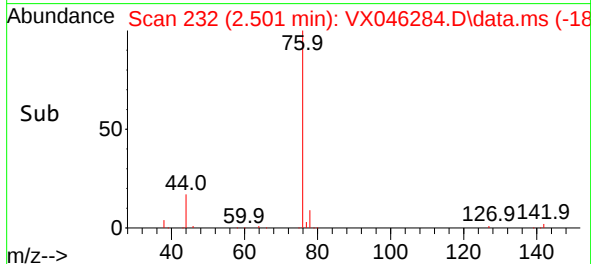
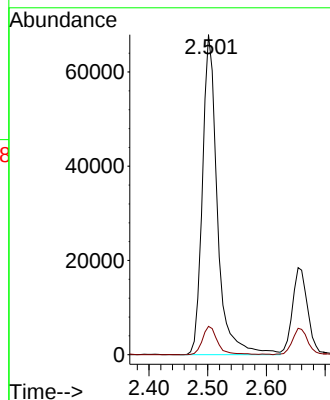
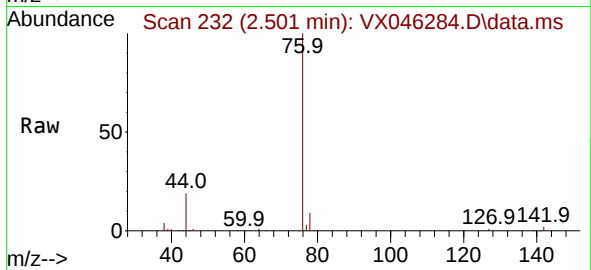
78 8.9 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#18

Methyl Acetate

Concen: 59.105 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX046284.D

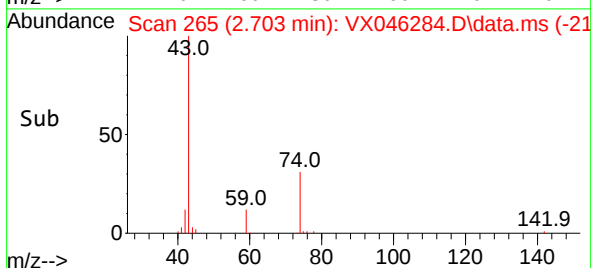
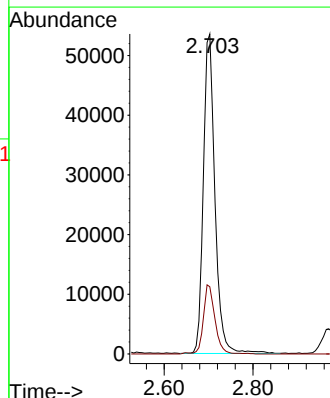
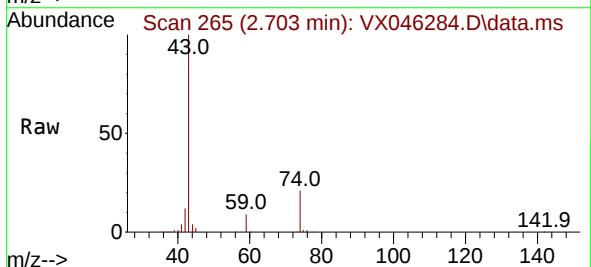
Acq: 21 May 2025 09:55

Tgt Ion: 43 Resp: 97480

Ion Ratio Lower Upper

43 100

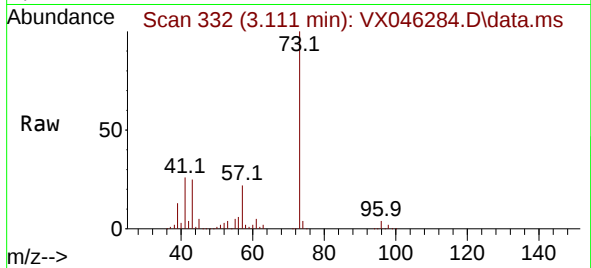
74 21.6 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 51.499 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

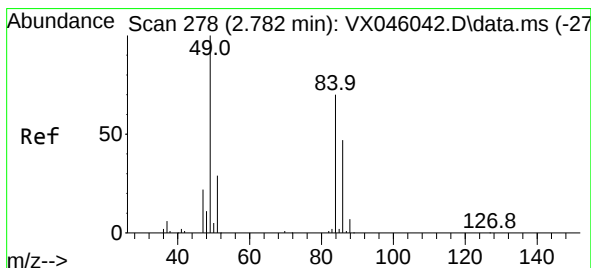
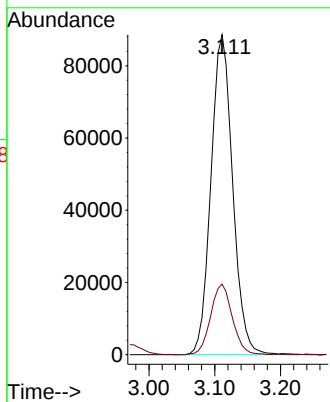
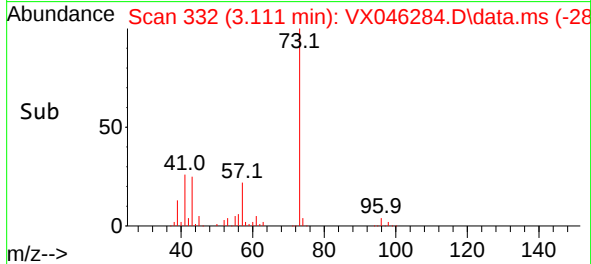
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 20355
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

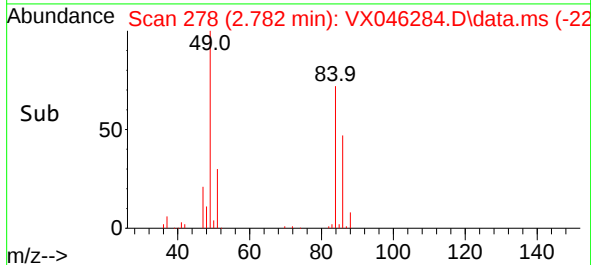
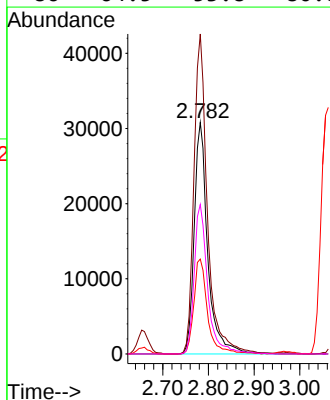
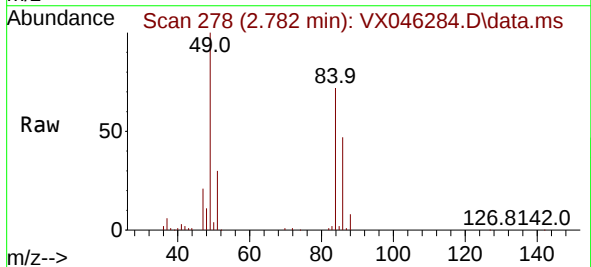
Manual Integrations
APPROVED

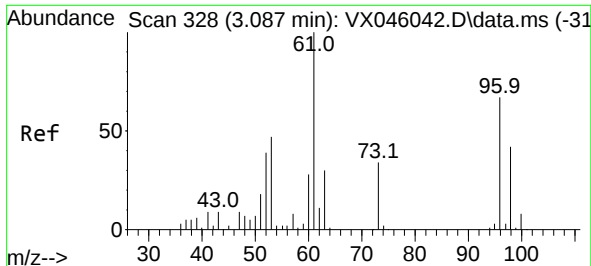
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#20
Methylene Chloride
Concen: 46.691 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

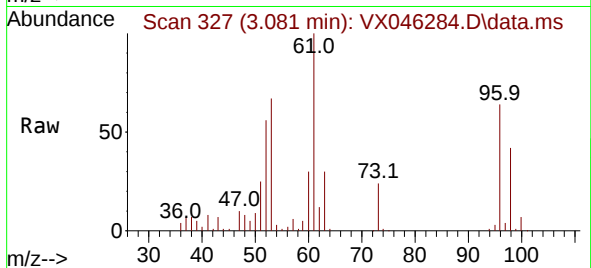
Tgt Ion: 84 Resp: 63593
Ion Ratio Lower Upper
84 100
49 138.2 113.9 170.9
51 41.0 33.5 50.3
86 64.5 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 47.714 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

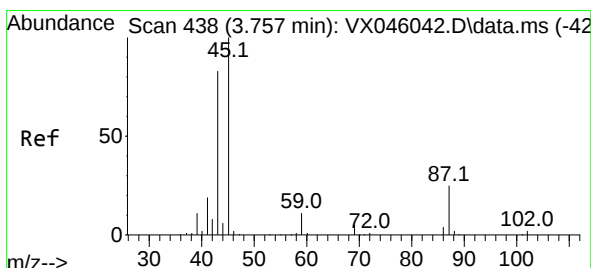
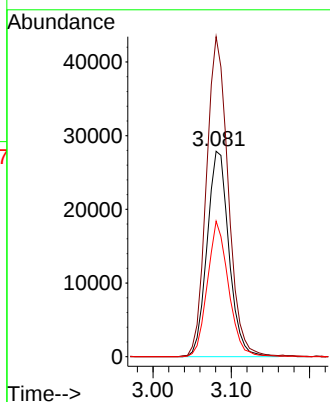
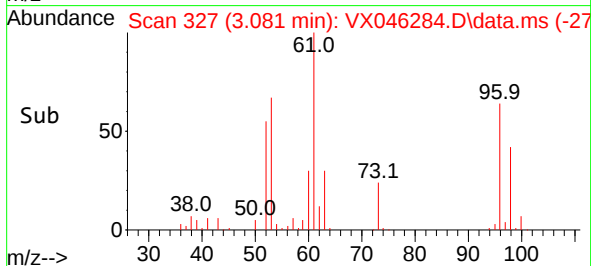
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 5409
Ion Ratio Lower Upper
96 100
61 155.7 119.5 179.3
98 66.0 50.0 75.0

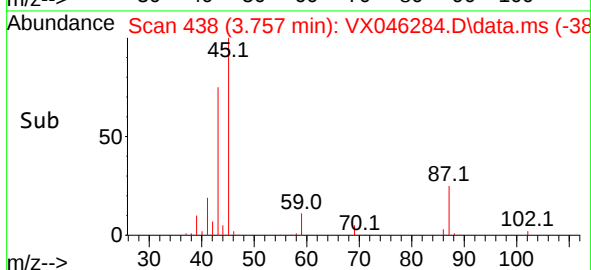
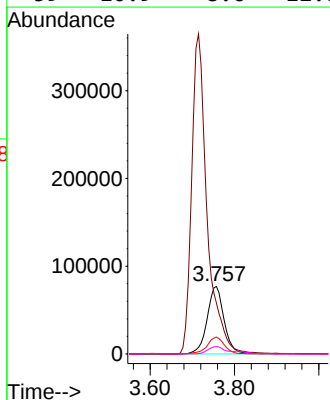
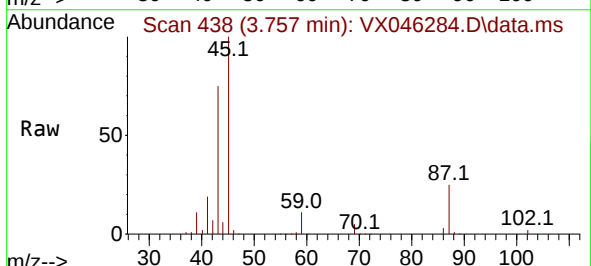
Manual Integrations
APPROVED

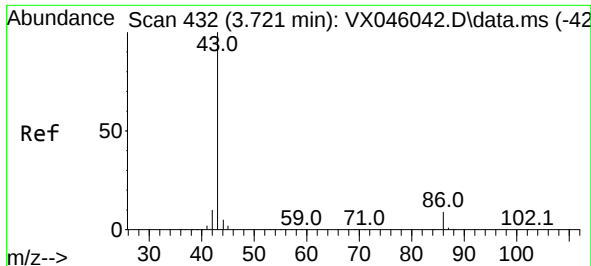
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#22
Diisopropyl ether
Concen: 51.803 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

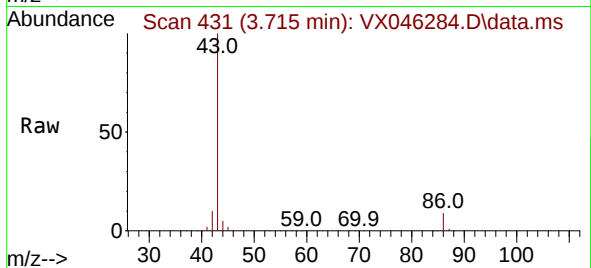
Tgt Ion: 45 Resp: 215610
Ion Ratio Lower Upper
45 100
43 75.3 66.6 100.0
87 25.0 19.8 29.6
59 10.9 8.6 12.8





#23
 Vinyl Acetate
 Concen: 254.084 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046284.D
 Acq: 21 May 2025 09:55

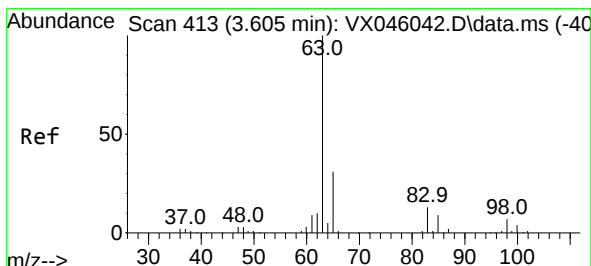
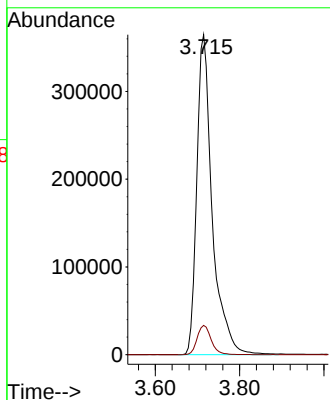
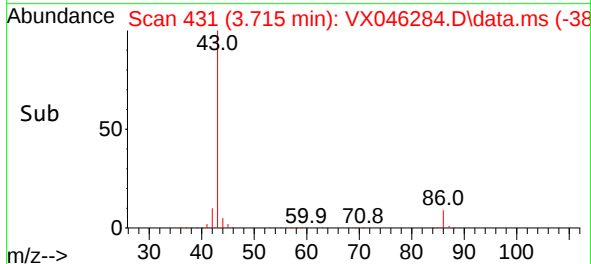
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



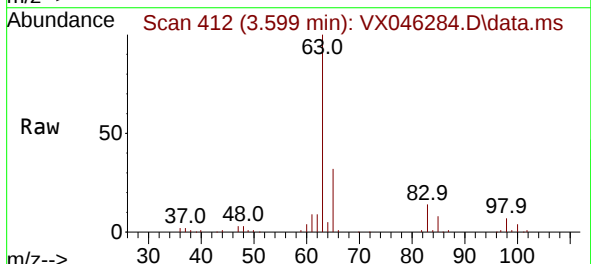
Tgt Ion: 43 Resp: 930120
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3

Manual Integrations
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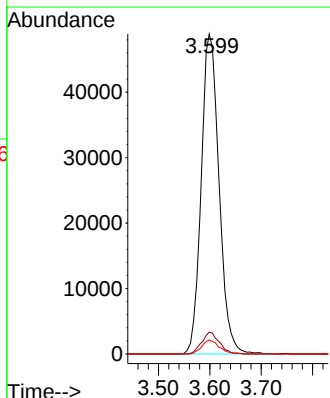
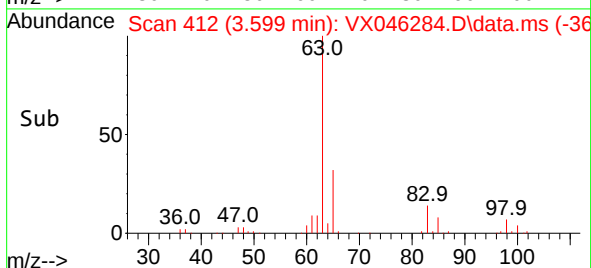
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025

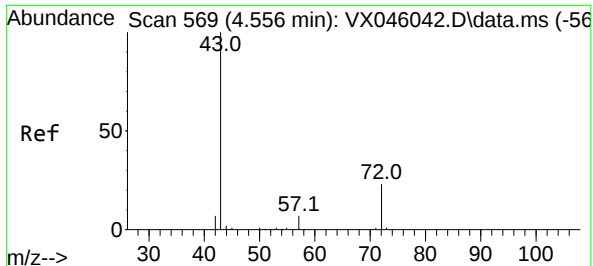


#24
 1,1-Dichloroethane
 Concen: 50.800 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046284.D
 Acq: 21 May 2025 09:55



Tgt Ion: 63 Resp: 117763
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.8
 100 4.4 2.1 6.3





#25

2-Butanone

Concen: 254.074 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 262160

Ion Ratio Lower Upper

43 100

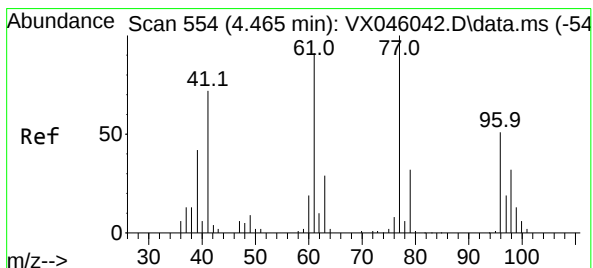
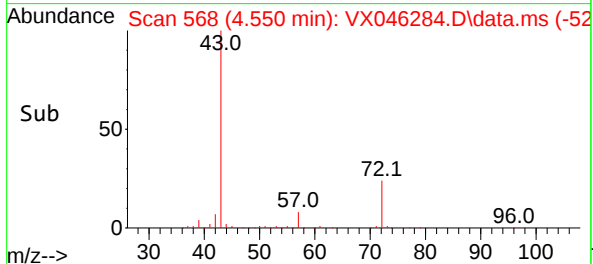
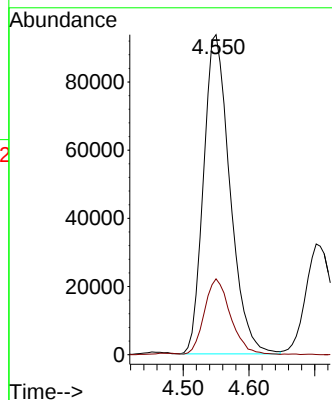
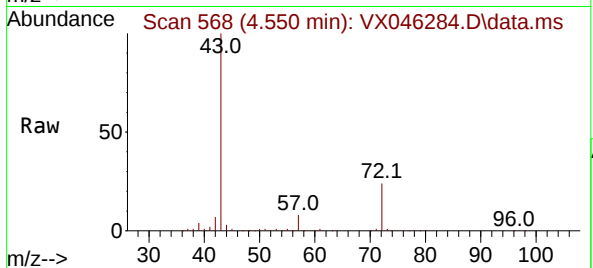
72 23.7 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#26

2,2-Dichloropropane

Concen: 52.543 ug/l

RT: 4.458 min Scan# 553

Delta R.T. -0.006 min

Lab File: VX046284.D

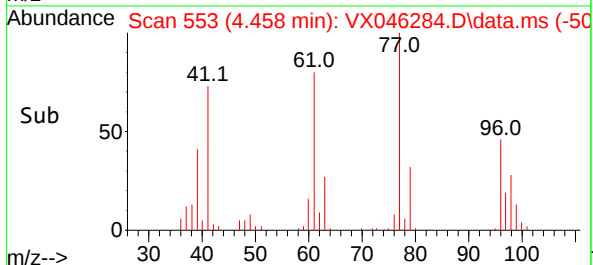
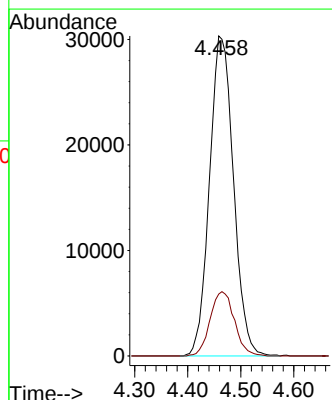
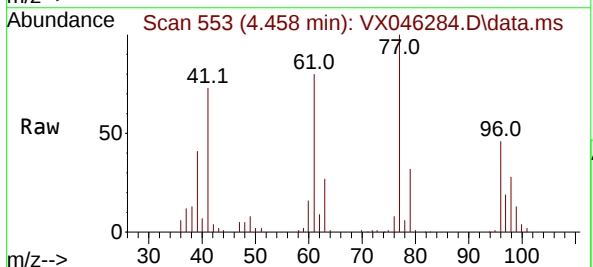
Acq: 21 May 2025 09:55

Tgt Ion: 77 Resp: 95337

Ion Ratio Lower Upper

77 100

97 20.3 10.5 31.5





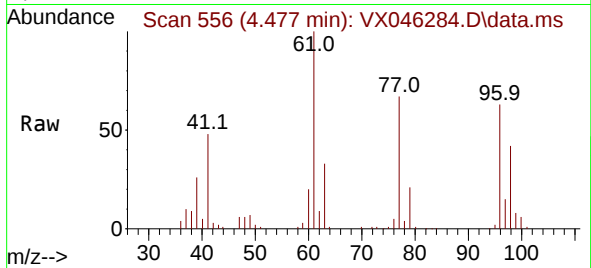
#27
 cis-1,2-Dichloroethene
 Concen: 49.246 ug/l
 RT: 4.477 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX046284.D
 Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



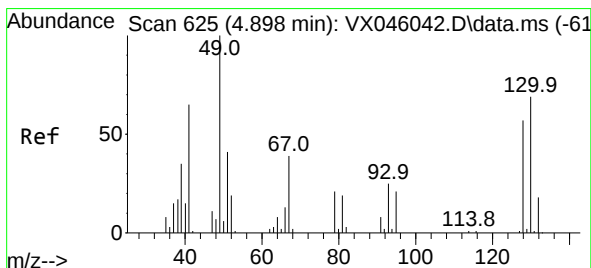
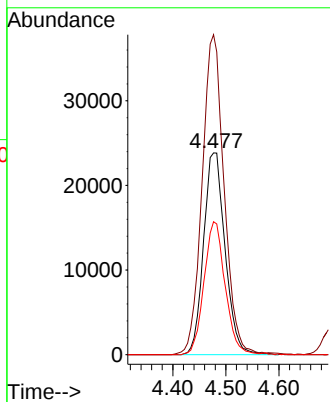
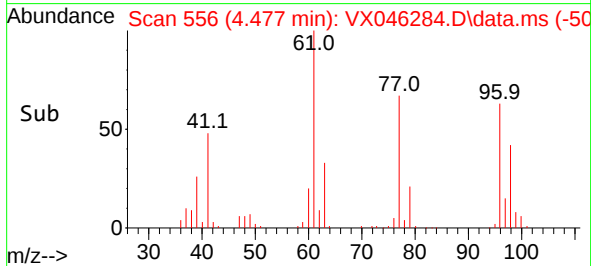
Tgt Ion: 96 Resp: 67210
 Ion Ratio Lower Upper
 96 100
 61 162.3 0.0 322.8
 98 64.6 0.0 129.0

Manual Integrations

APPROVED

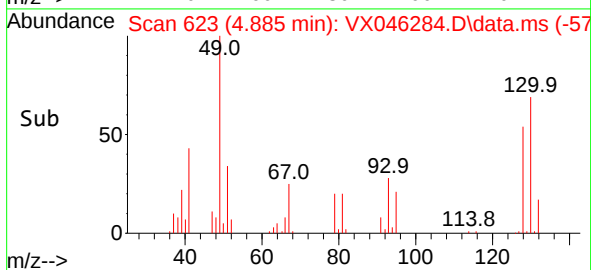
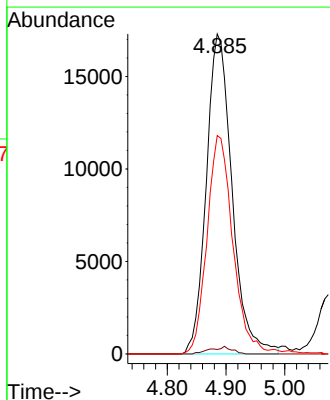
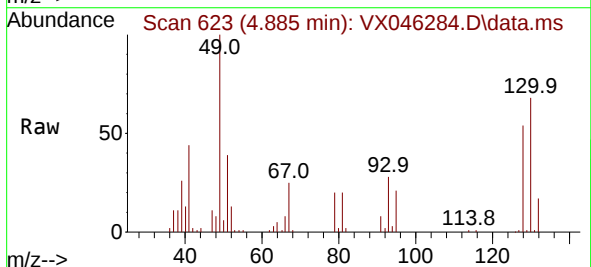
Reviewed By :John Carlone 05/22/2025

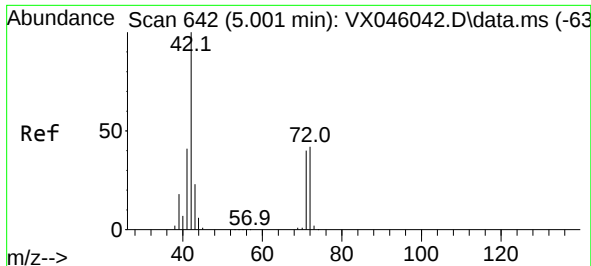
Supervised By :Mahesh Dadoda 05/22/2025



#28
 Bromochloromethane
 Concen: 47.215 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX046284.D
 Acq: 21 May 2025 09:55

Tgt Ion: 49 Resp: 52685
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 68.0 56.2 84.2





#29

Tetrahydrofuran

Concen: 250.853 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16219

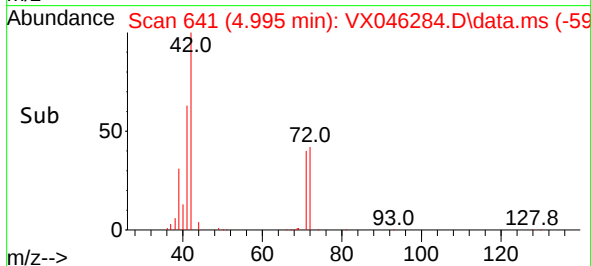
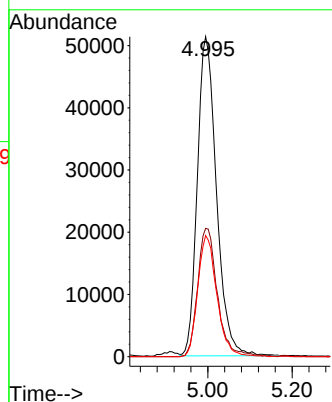
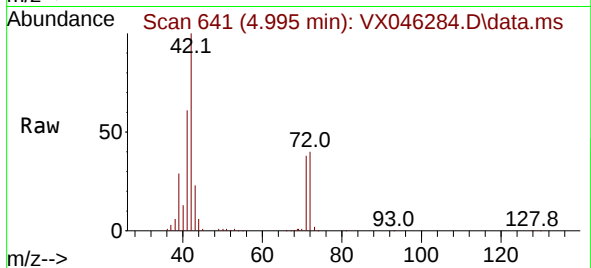
Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.7	50.5
71	37.8	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#30

Chloroform

Concen: 50.762 ug/l

RT: 5.080 min Scan# 655

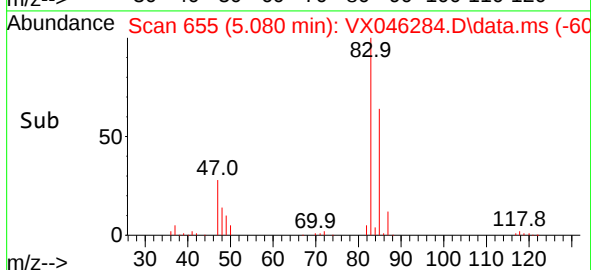
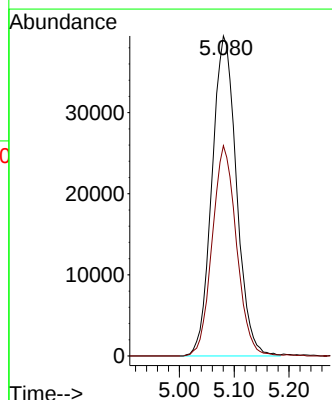
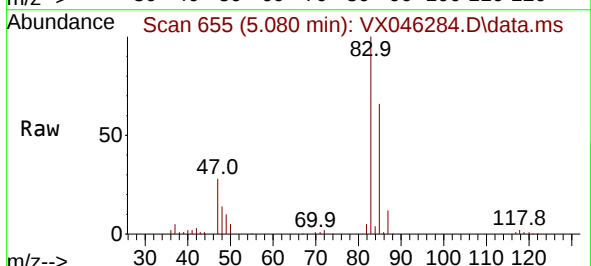
Delta R.T. -0.006 min

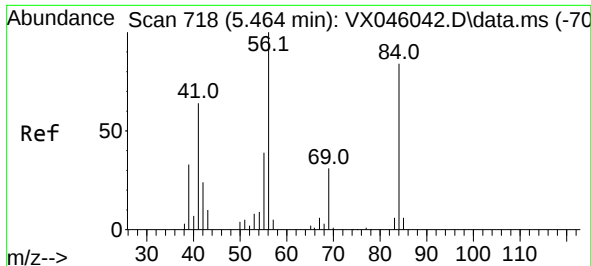
Lab File: VX046284.D

Acq: 21 May 2025 09:55

Tgt Ion: 83 Resp: 122654

Ion	Ratio	Lower	Upper
83	100		
85	65.7	49.3	73.9





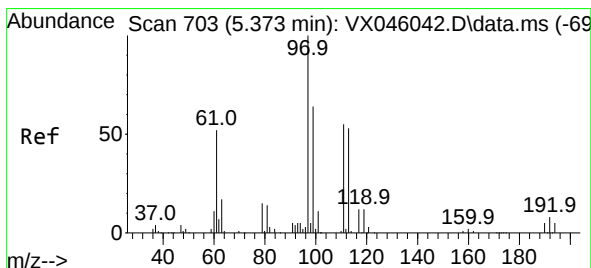
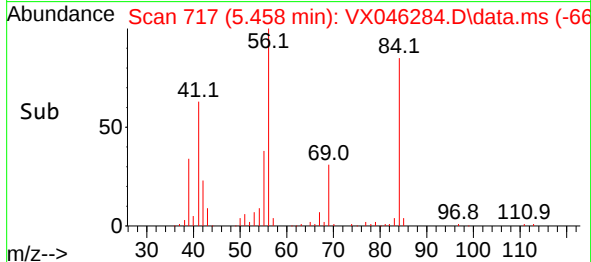
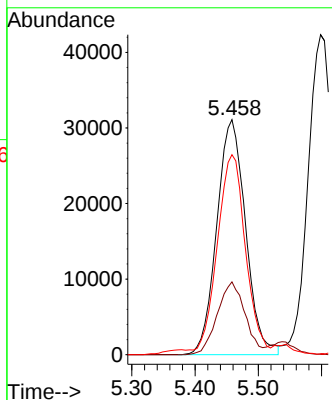
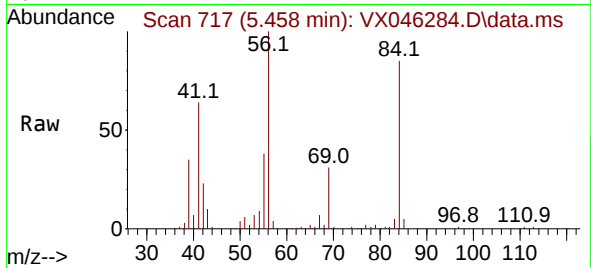
#31
Cyclohexane
Concen: 46.552 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 98339
Ion Ratio Lower Upper
56 100
69 31.0 24.4 36.6
84 83.0 66.9 100.3

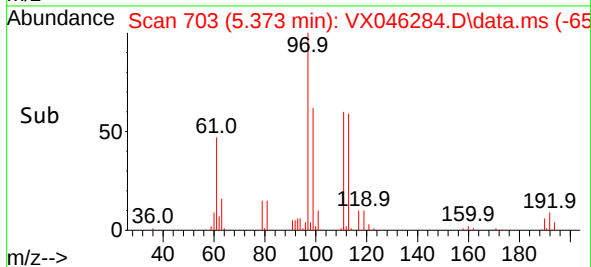
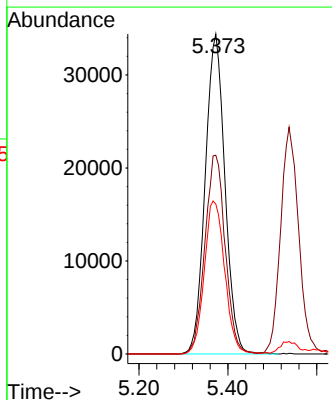
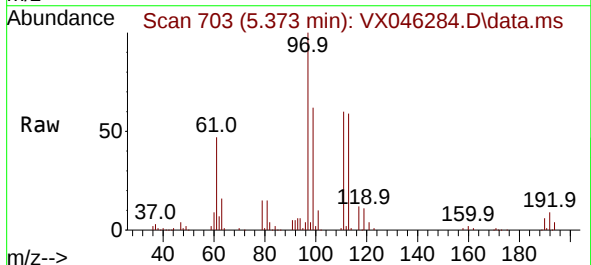
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#32
1,1,1-Trichloroethane
Concen: 50.660 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion: 97 Resp: 106109
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.6
61 49.6 40.1 60.1





#33
 1,2-Dichloroethane-d4
 Concen: 48.949 ug/l
 RT: 5.940 min Scan# 798
 Delta R.T. -0.012 min
 Lab File: VX046284.D
 Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

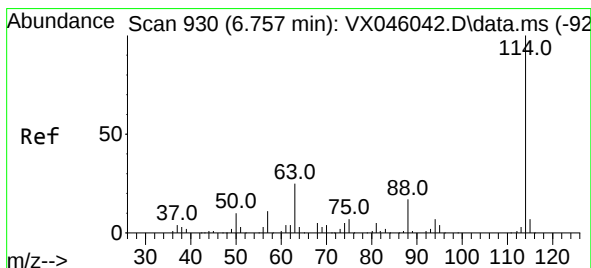
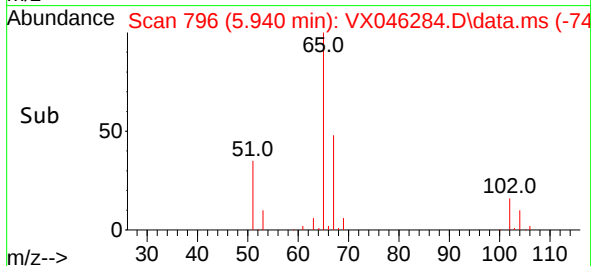
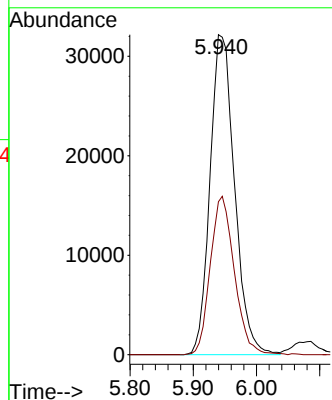
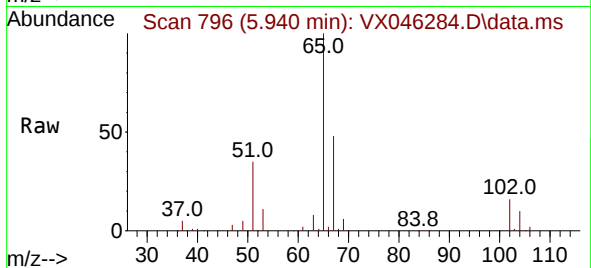
VSTDCCC050

Tgt Ion: 65 Resp: 86760
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 99.0

Manual Integrations

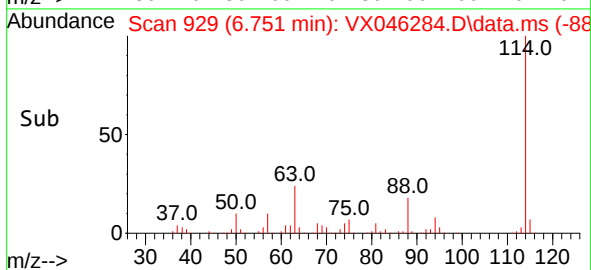
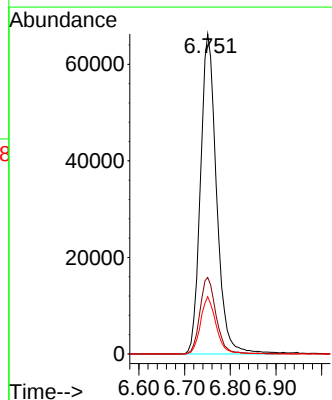
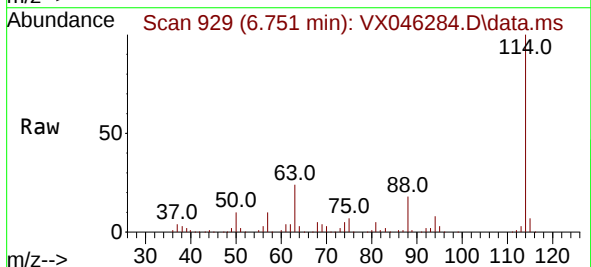
APPROVED

Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX046284.D
 Acq: 21 May 2025 09:55

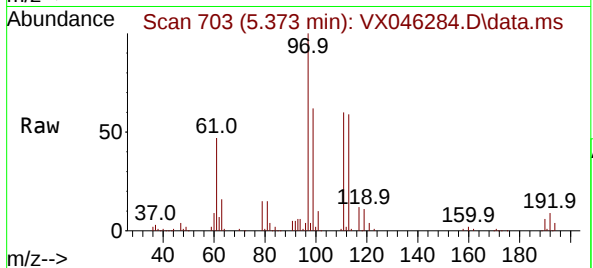
Tgt Ion:114 Resp: 161730
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 49.2
 88 17.9 0.0 33.6





#35
Dibromofluoromethane
Concen: 51.518 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

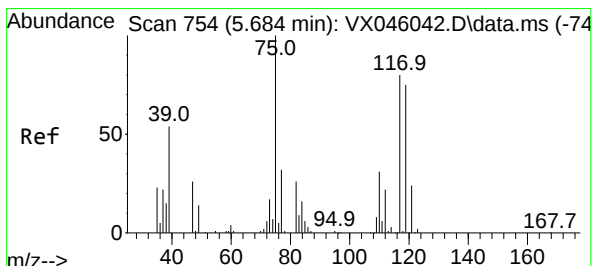
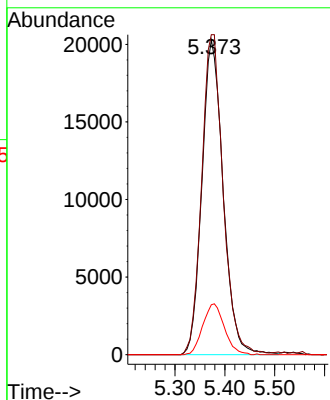
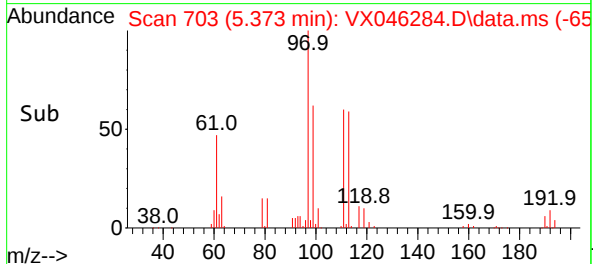
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 5999
Ion Ratio Lower Upper
113 100
111 102.7 83.1 124.7
192 16.4 13.3 19.9

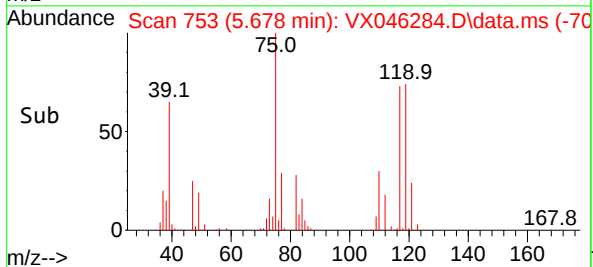
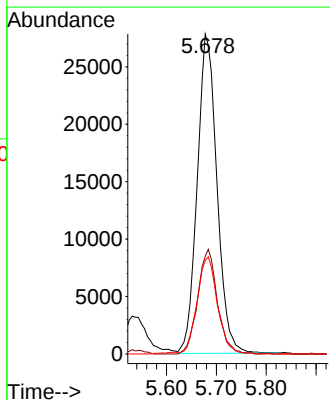
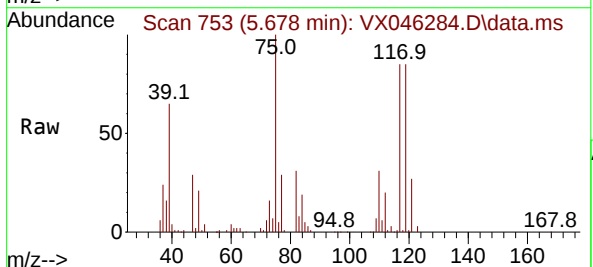
Manual Integrations
APPROVED

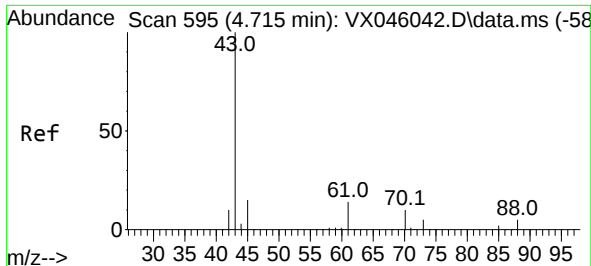
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#36
1,1-Dichloropropene
Concen: 48.791 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion: 75 Resp: 76348
Ion Ratio Lower Upper
75 100
110 32.7 16.3 48.9
77 31.6 24.3 36.5





#37

Ethyl Acetate

Concen: 50.197 ug/l

RT: 4.702 min Scan# 593

Delta R.T. -0.012 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 97045

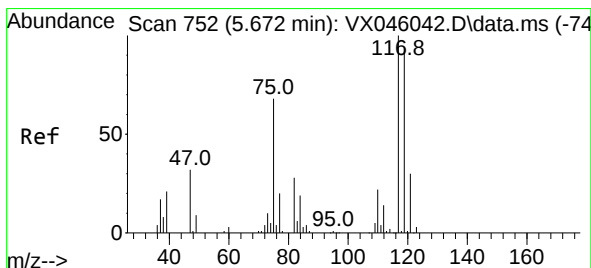
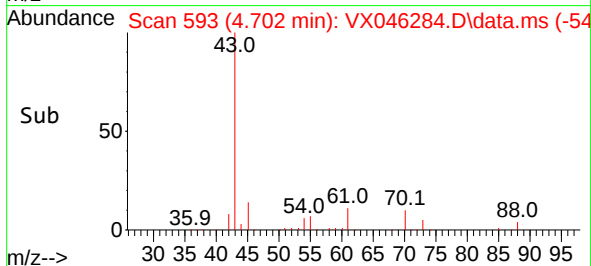
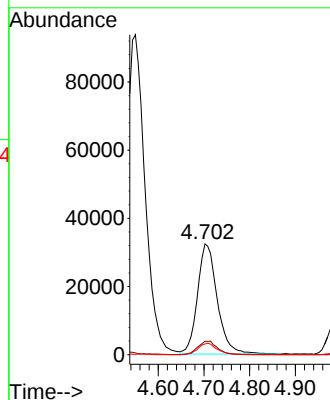
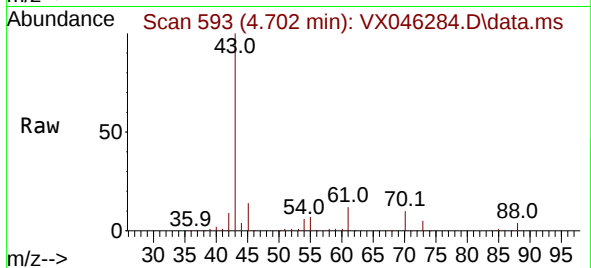
Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.3	15.5
70	9.9	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#38

Carbon Tetrachloride

Concen: 50.907 ug/l

RT: 5.665 min Scan# 751

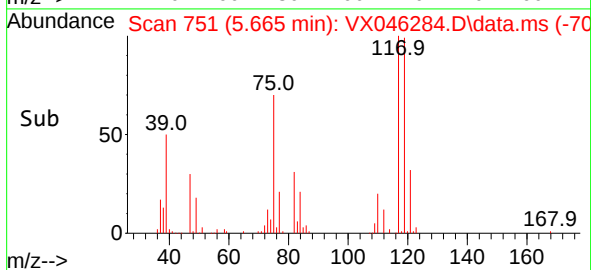
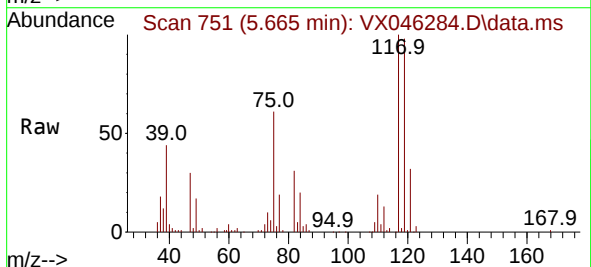
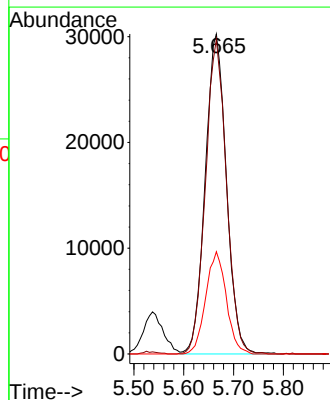
Delta R.T. -0.006 min

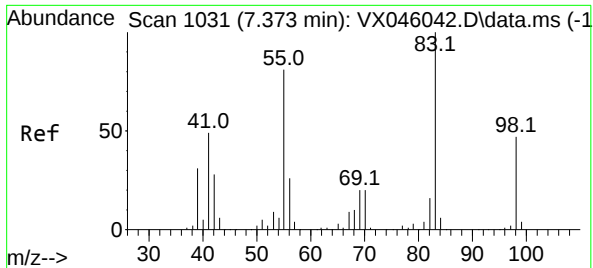
Lab File: VX046284.D

Acq: 21 May 2025 09:55

Tgt Ion:117 Resp: 89504

Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.2	112.8
121	32.0	24.2	36.4





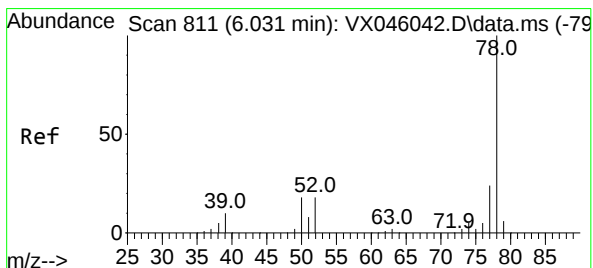
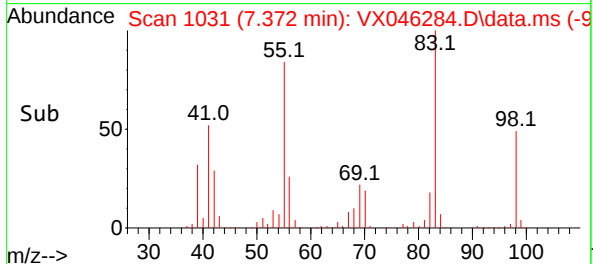
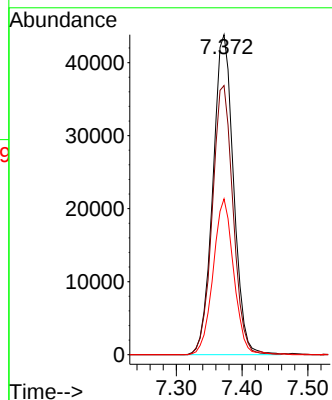
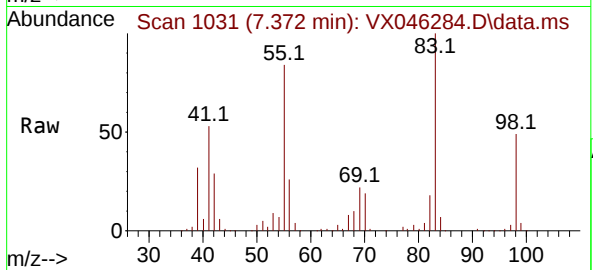
#39
Methylcyclohexane
Concen: 47.691 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 96070
Ion Ratio Lower Upper
83 100
55 84.1 64.7 97.1
98 48.7 37.4 56.2

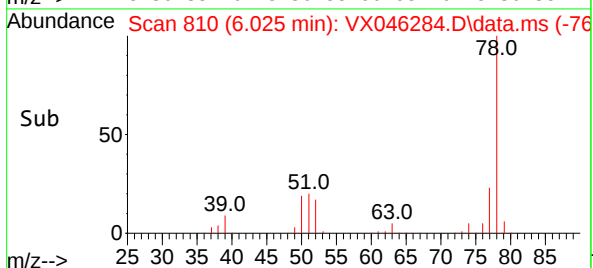
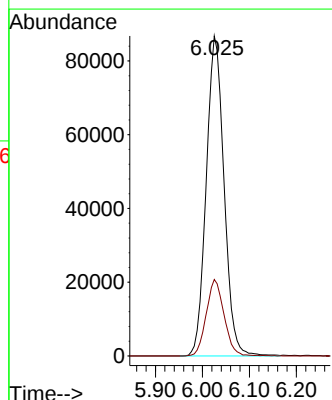
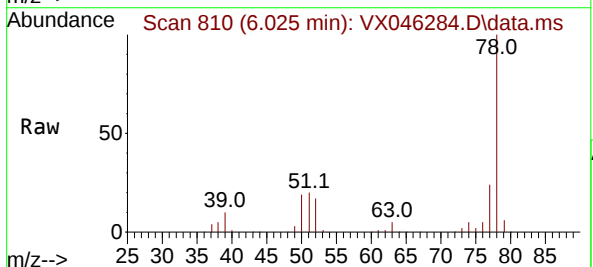
Manual Integrations
APPROVED

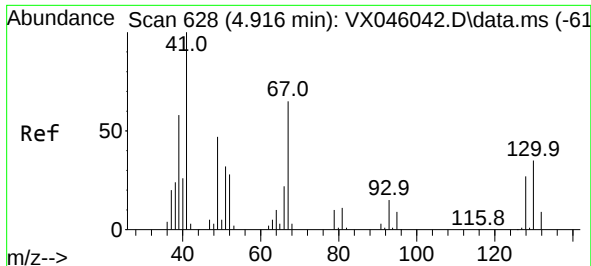
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#40
Benzene
Concen: 49.833 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion: 78 Resp: 228406
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41
Methacrylonitrile
Concen: 55.480 ug/l
RT: 4.909 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

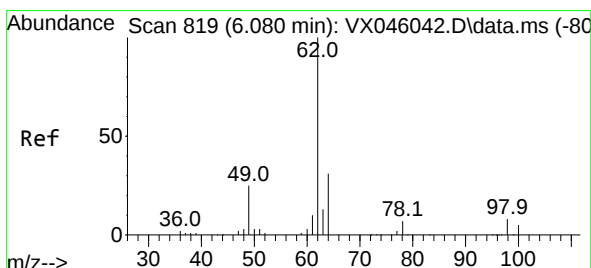
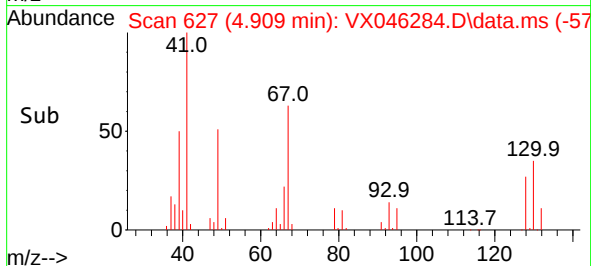
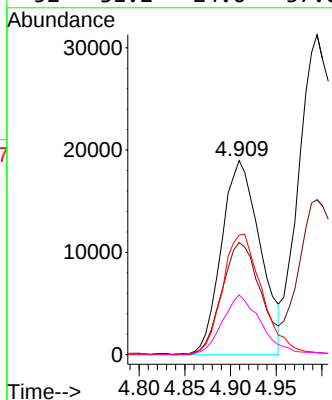
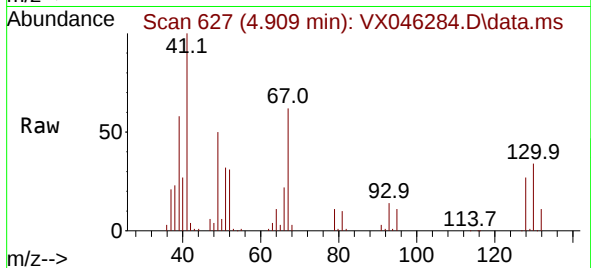
Tgt Ion: 41 Resp: 56109
Ion Ratio Lower Upper
41 100
39 57.9 47.2 70.8
67 63.5 50.7 76.1
52 31.2 24.6 37.0

Manual Integrations

APPROVED

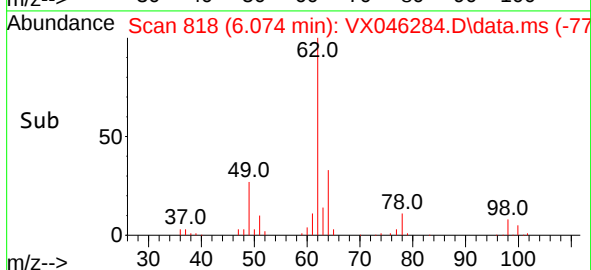
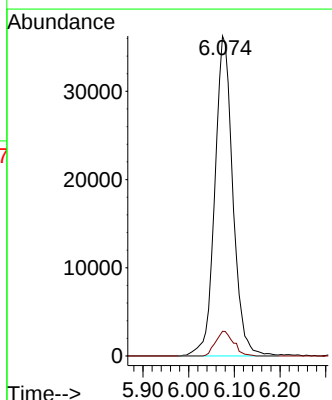
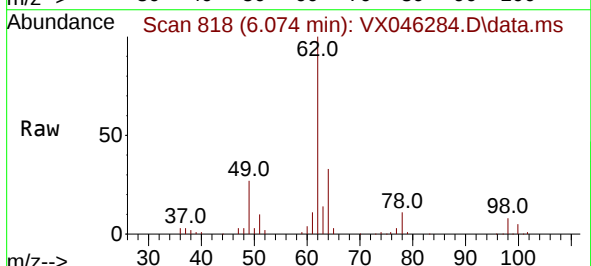
Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#42
1,2-Dichloroethane
Concen: 50.298 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

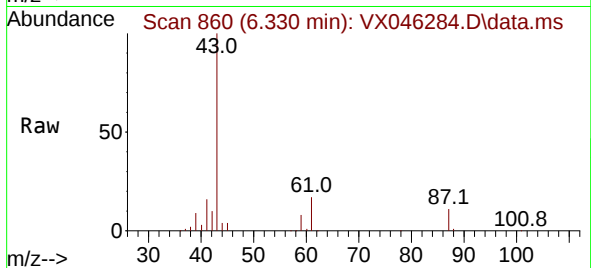
Tgt Ion: 62 Resp: 99497
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.2





#43
Isopropyl Acetate
Concen: 52.987 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

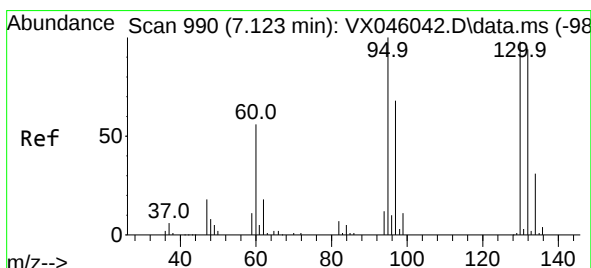
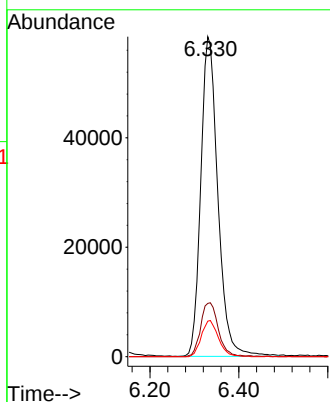
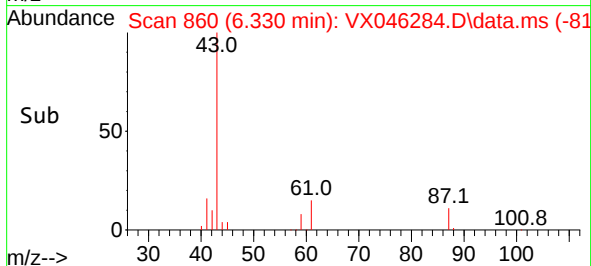
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 156279
Ion Ratio Lower Upper
43 100
61 17.5 14.3 21.5
87 11.3 9.5 14.3

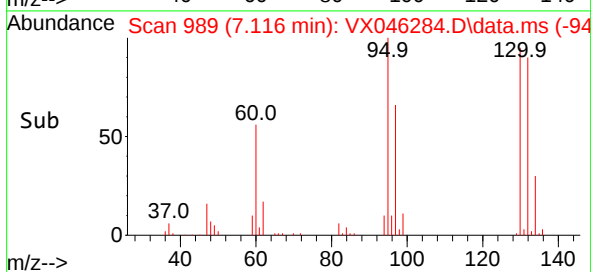
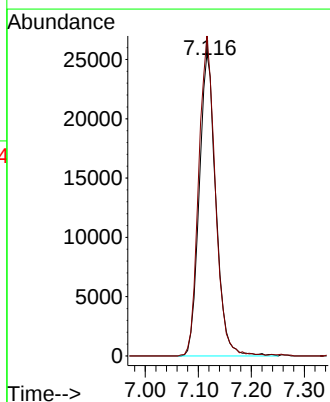
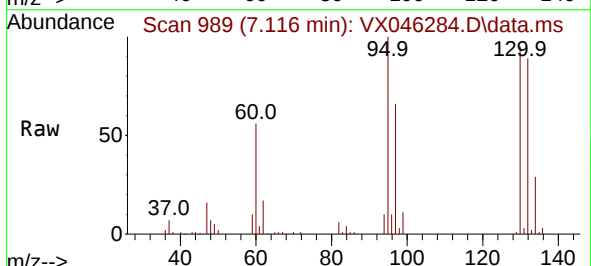
Manual Integrations
APPROVED

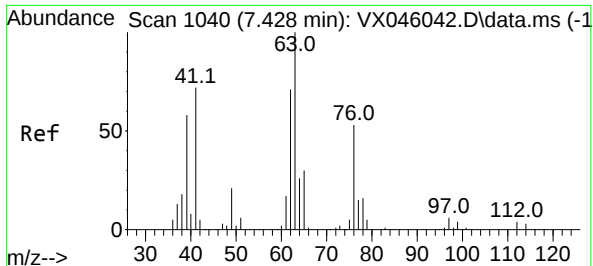
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#44
Trichloroethene
Concen: 50.452 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion:130 Resp: 55656
Ion Ratio Lower Upper
130 100
95 105.6 0.0 204.2





#45

1,2-Dichloropropane

Concen: 51.990 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 5925

Ion Ratio Lower Upper

63 100

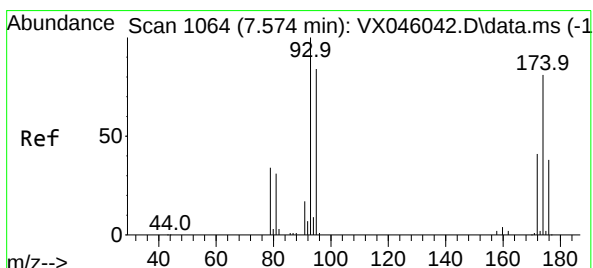
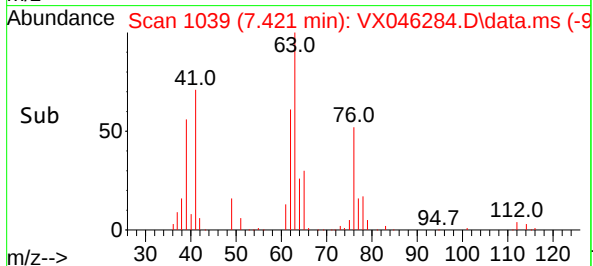
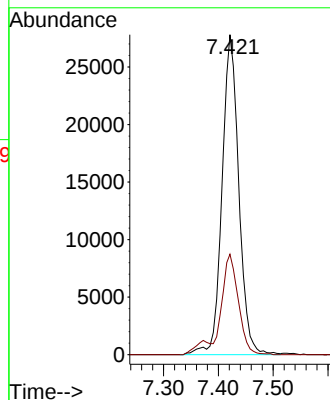
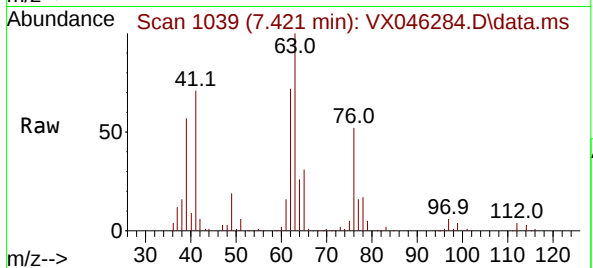
65 31.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#46

Dibromomethane

Concen: 50.531 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.000 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

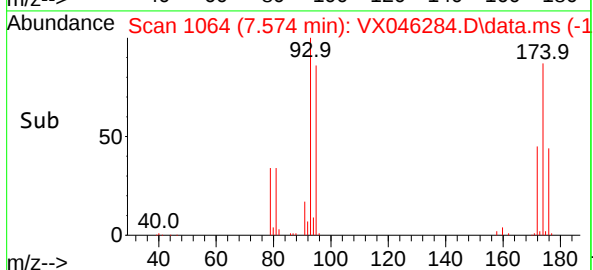
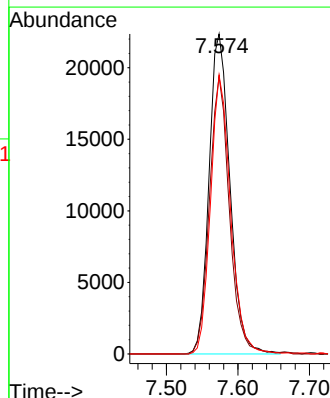
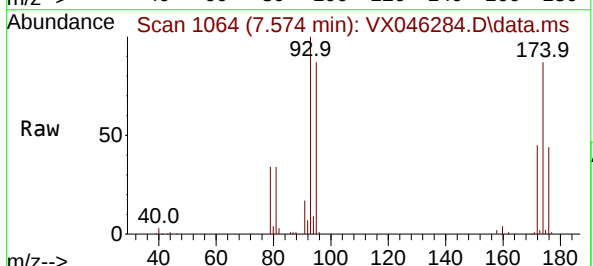
Tgt Ion: 93 Resp: 45422

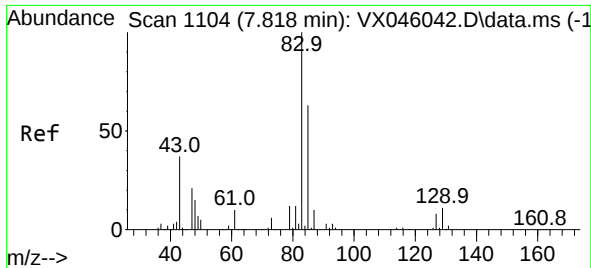
Ion Ratio Lower Upper

93 100

95 83.0 65.6 98.4

174 83.8 68.2 102.2





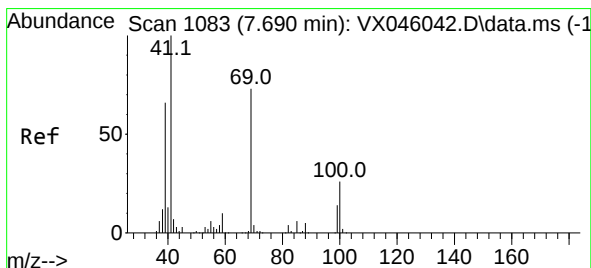
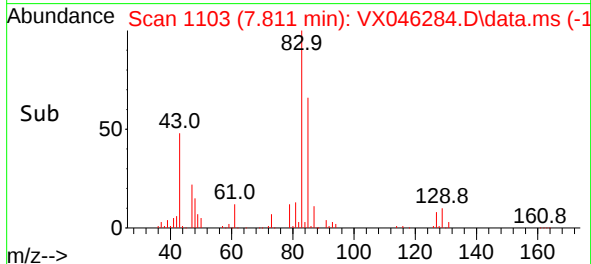
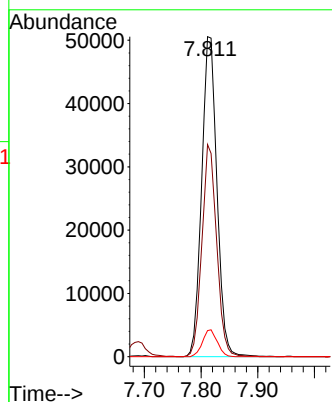
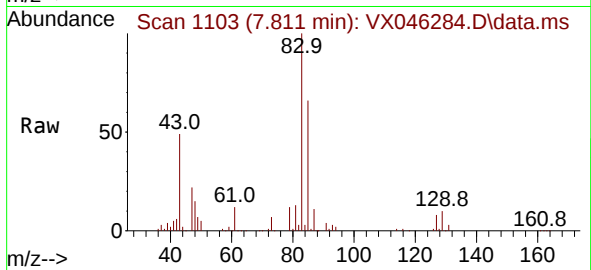
#47
Bromodichloromethane
Concen: 53.478 ug/l
RT: 7.811 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 94679
Ion Ratio Lower Upper
83 100
85 66.3 50.5 75.7
127 8.1 6.5 9.7

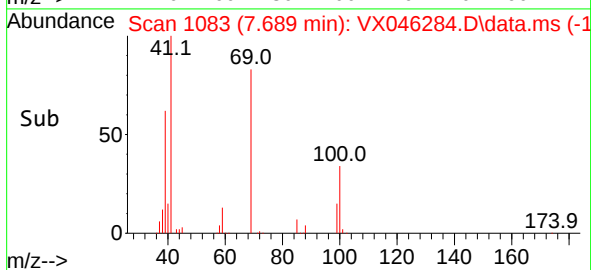
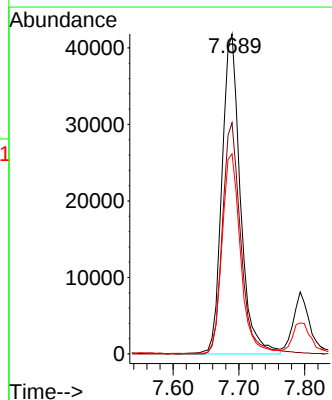
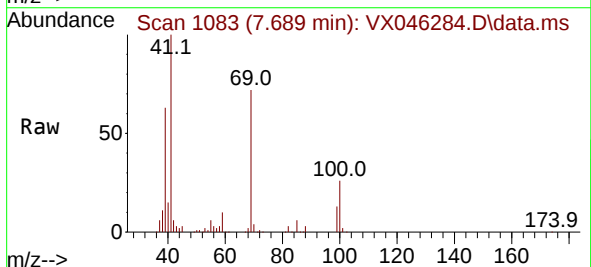
Manual Integrations
APPROVED

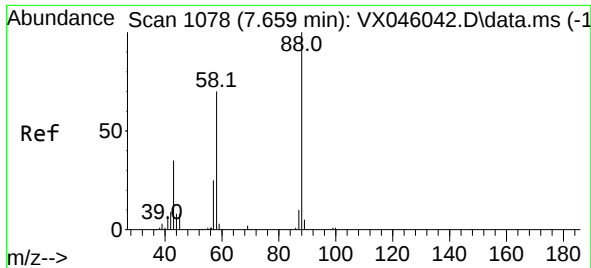
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#48
Methyl methacrylate
Concen: 54.212 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

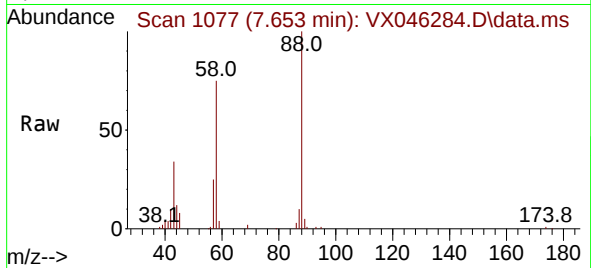
Tgt Ion: 41 Resp: 81658
Ion Ratio Lower Upper
41 100
69 72.1 58.5 87.7
39 62.3 51.7 77.5





#49
1,4-Dioxane
Concen: 977.870 ug/l
RT: 7.653 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

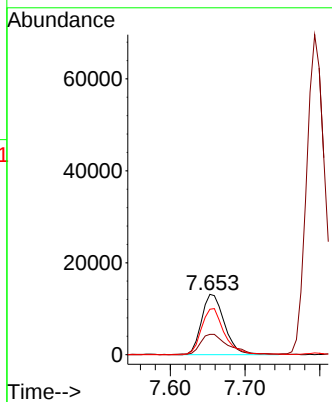
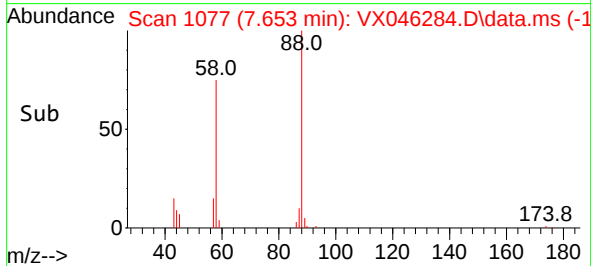
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 2796
Ion Ratio Lower Upper
88 100
43 42.1 33.4 50.2
58 76.5 58.6 88.0

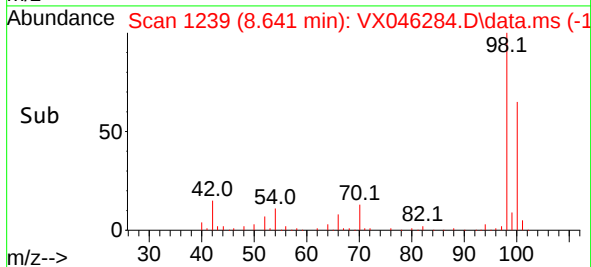
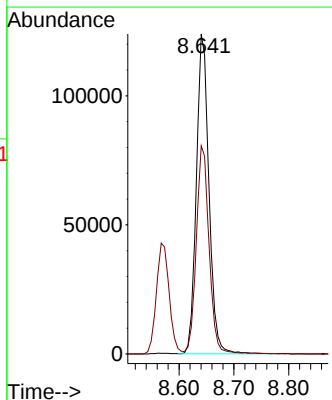
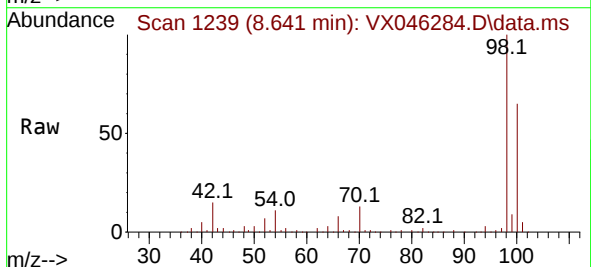
Manual Integrations
APPROVED

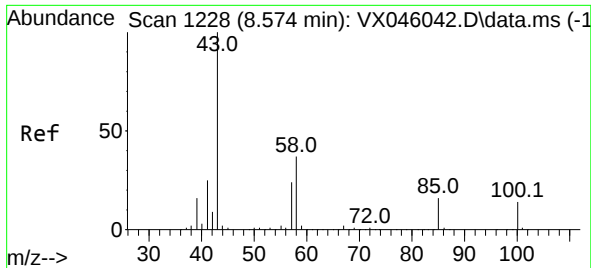
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#50
Toluene-d8
Concen: 49.081 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion: 98 Resp: 197841
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3





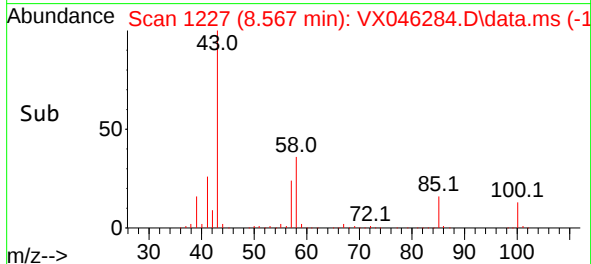
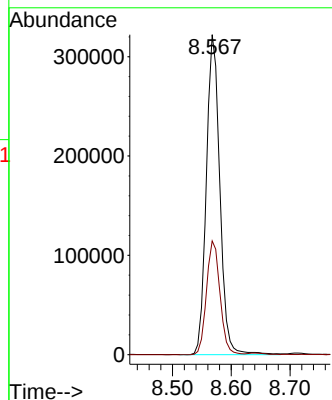
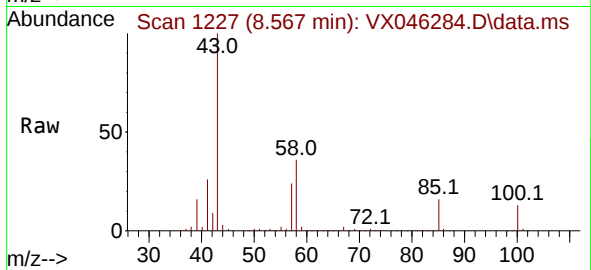
#51
4-Methyl-2-Pentanone
Concen: 262.926 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 51474
Ion Ratio Lower Upper
43 100
58 35.6 28.9 43.3

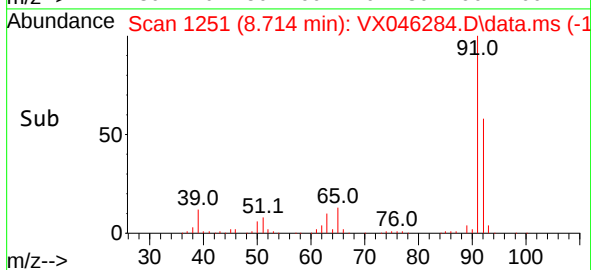
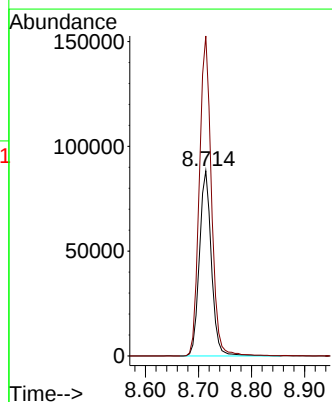
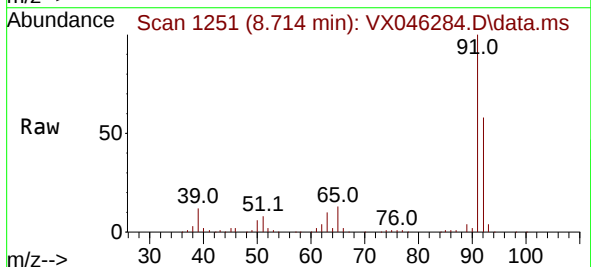
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#52
Toluene
Concen: 49.311 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

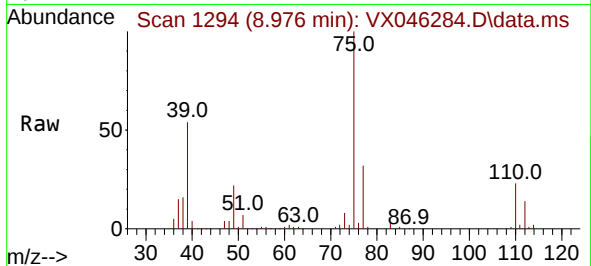
Tgt Ion: 92 Resp: 138588
Ion Ratio Lower Upper
92 100
91 174.2 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 54.425 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

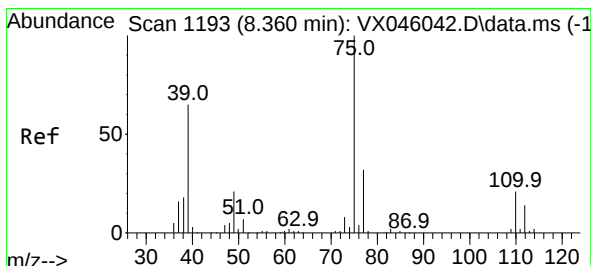
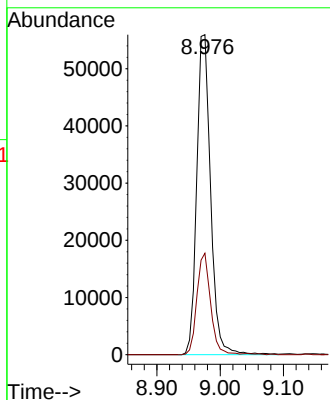
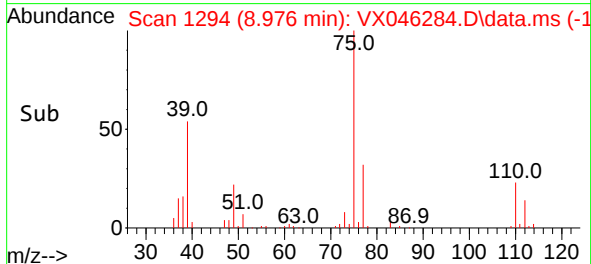
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 85640
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6

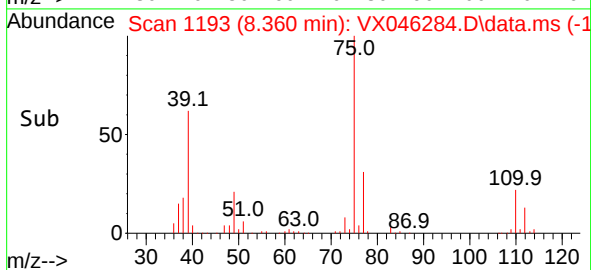
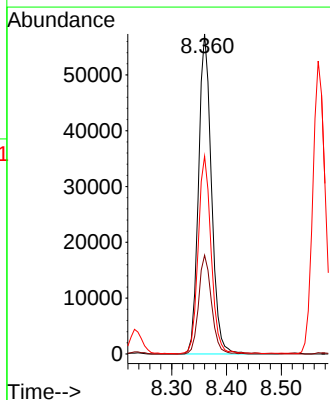
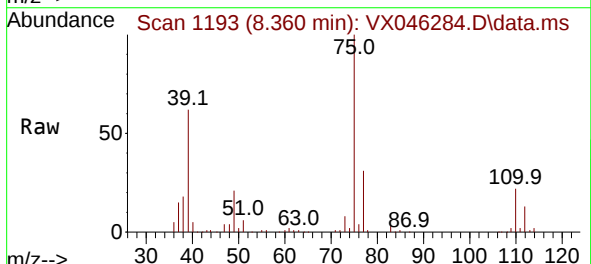
Manual Integrations
APPROVED

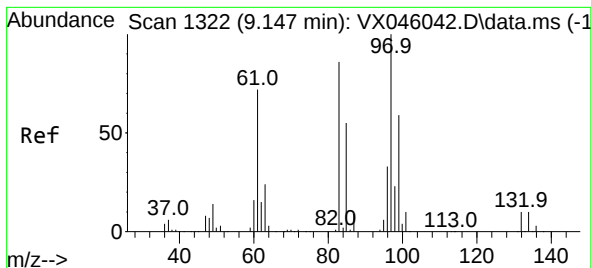
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#54
cis-1,3-Dichloropropene
Concen: 54.136 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion: 75 Resp: 94157
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0
39 61.8 52.2 78.4





#55

1,1,2-Trichloroethane

Concen: 51.730 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

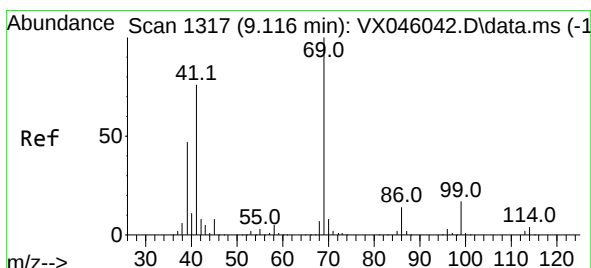
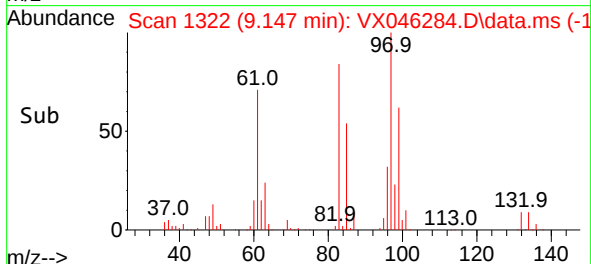
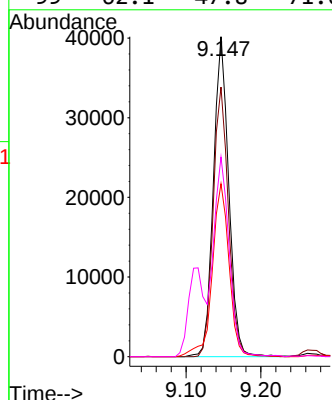
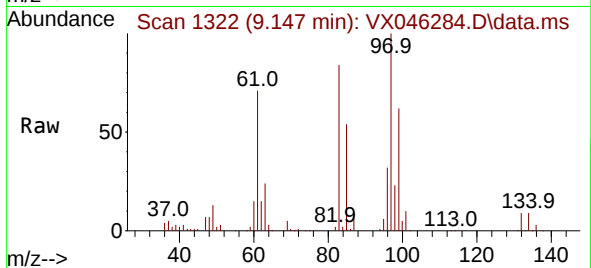
Tgt Ion:	97	Resp:	57320
Ion	Ratio	Lower	Upper
97	100		
83	84.2	69.0	103.6
85	53.9	44.3	66.5
99	62.1	47.8	71.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#56

Ethyl methacrylate

Concen: 53.634 ug/l

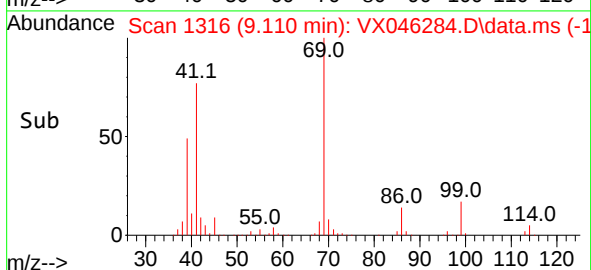
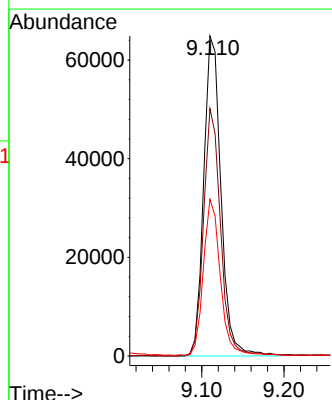
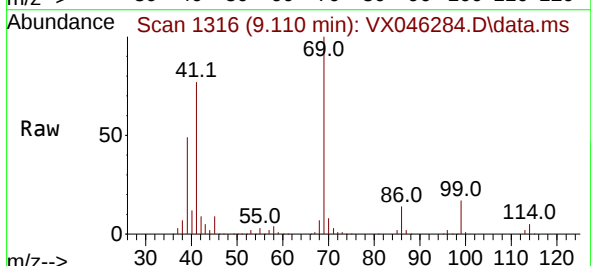
RT: 9.110 min Scan# 1316

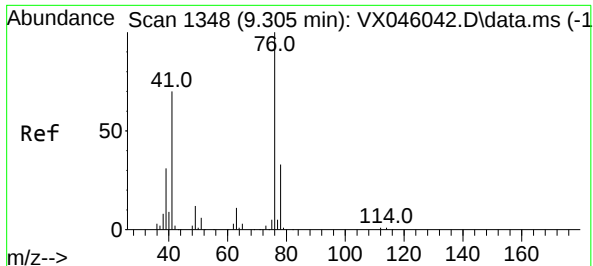
Delta R.T. -0.006 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

Tgt Ion:	69	Resp:	94728
Ion	Ratio	Lower	Upper
69	100		
41	76.5	60.8	91.2
39	48.1	39.0	58.6





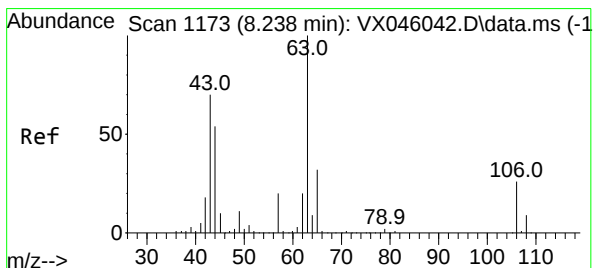
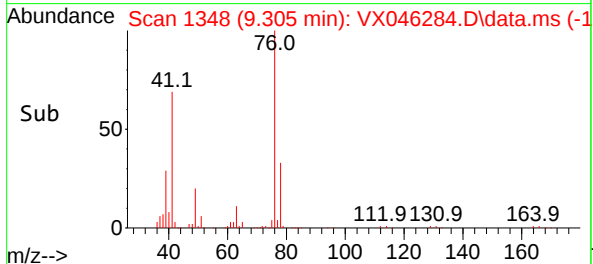
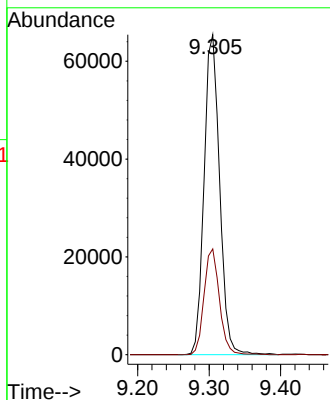
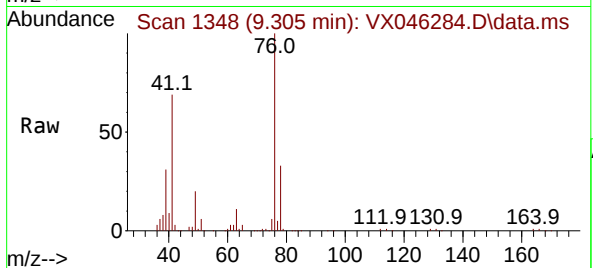
#57
1,3-Dichloropropane
Concen: 49.714 ug/l
RT: 9.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 9894
Ion Ratio Lower Upper
76 100
78 32.7 26.3 39.5

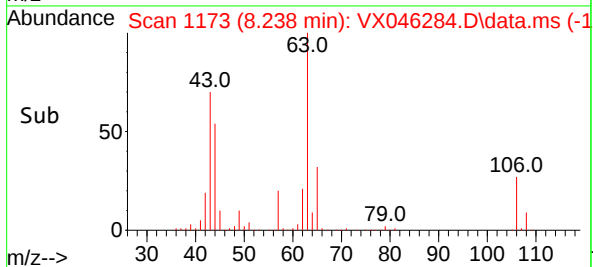
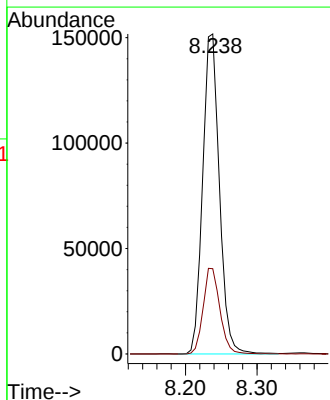
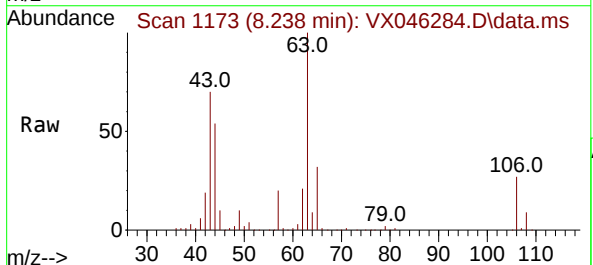
Manual Integrations
APPROVED

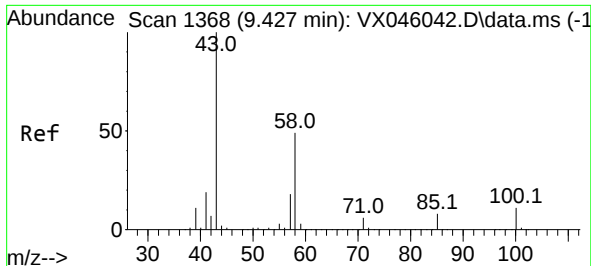
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#58
2-Chloroethyl Vinyl ether
Concen: 273.669 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

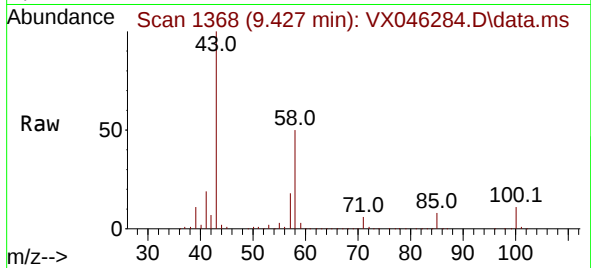
Tgt Ion: 63 Resp: 246422
Ion Ratio Lower Upper
63 100
106 26.8 21.5 32.3





#59
2-Hexanone
Concen: 263.910 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

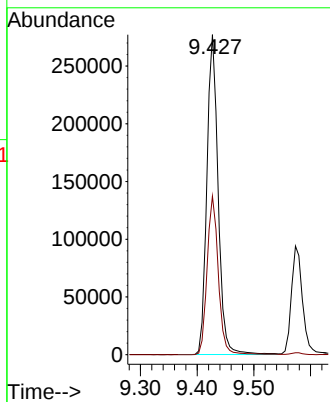
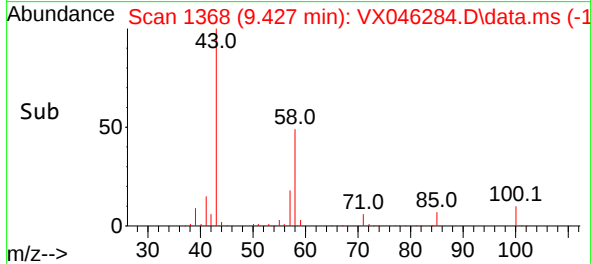
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 382250
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6

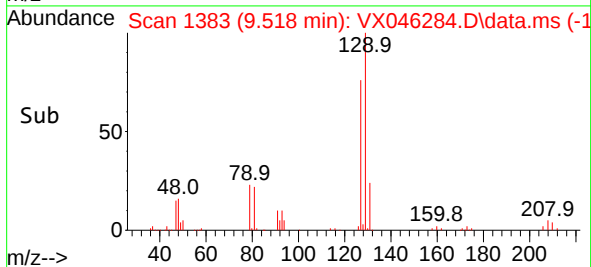
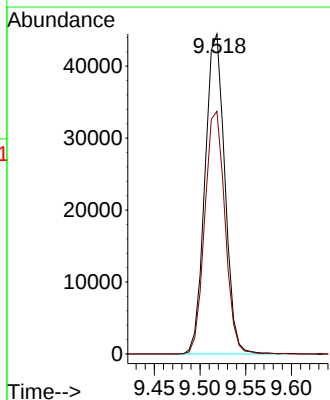
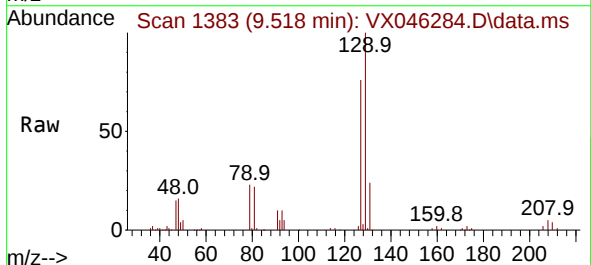
Manual Integrations
APPROVED

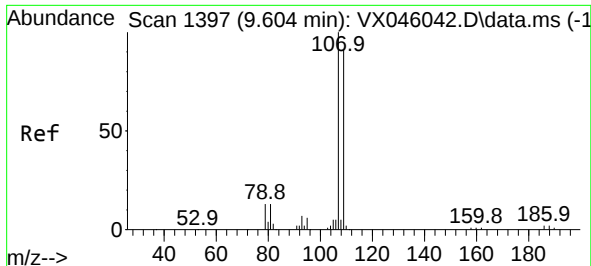
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#60
Dibromochloromethane
Concen: 54.971 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

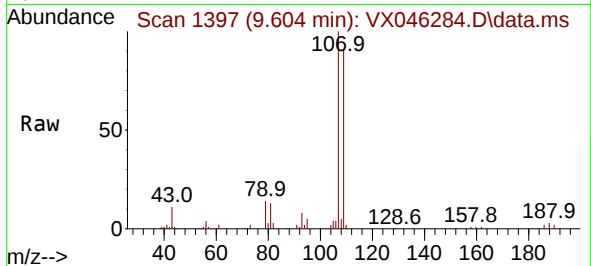
Tgt Ion:129 Resp: 66902
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8





#61
1,2-Dibromoethane
Concen: 50.413 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

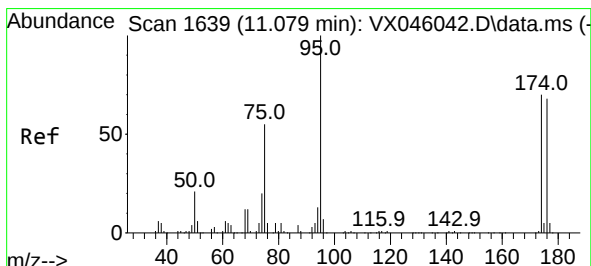
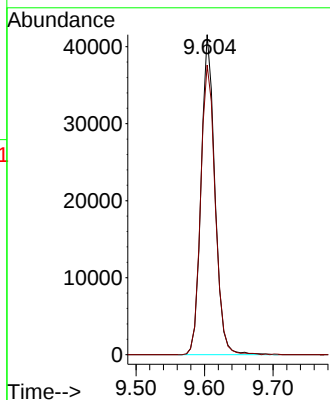
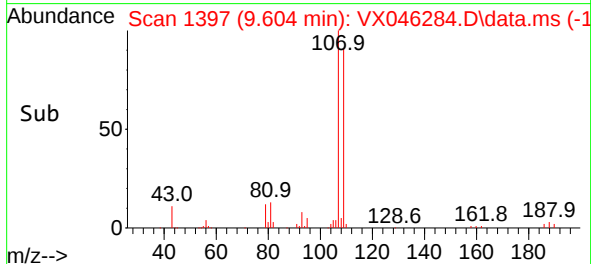
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 5806
Ion Ratio Lower Upper
107 100
109 95.9 73.3 109.9

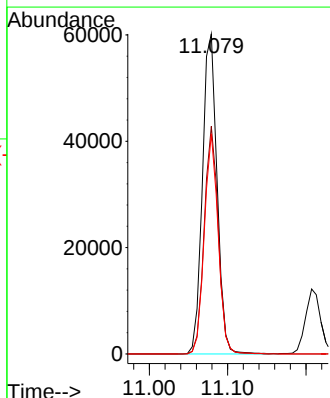
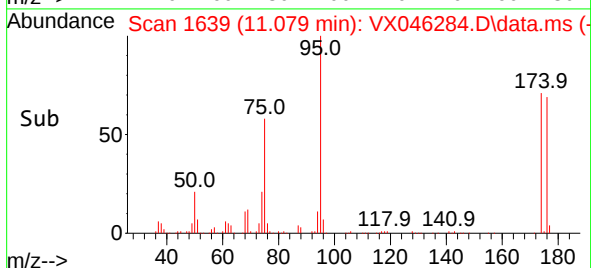
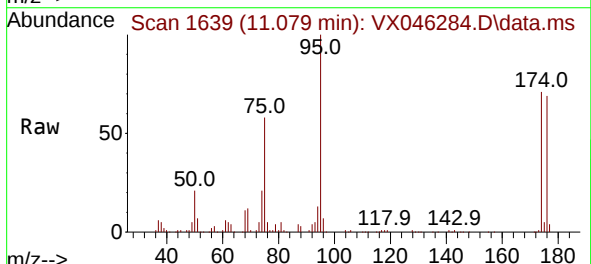
Manual Integrations
APPROVED

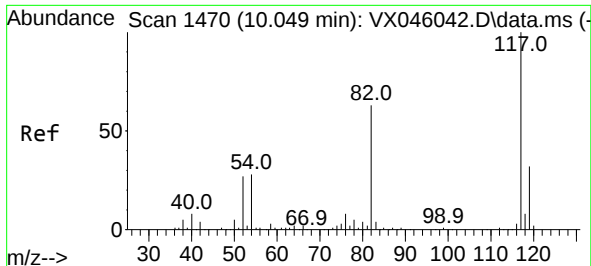
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#62
4-Bromofluorobenzene
Concen: 50.363 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

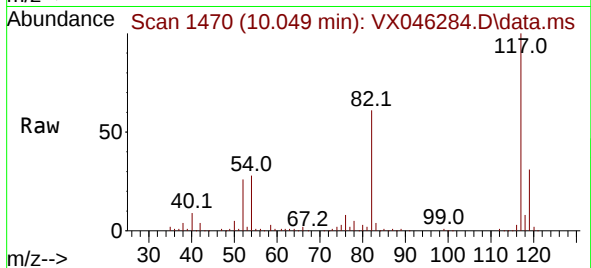
Tgt Ion: 95 Resp: 77871
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.8
176 65.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

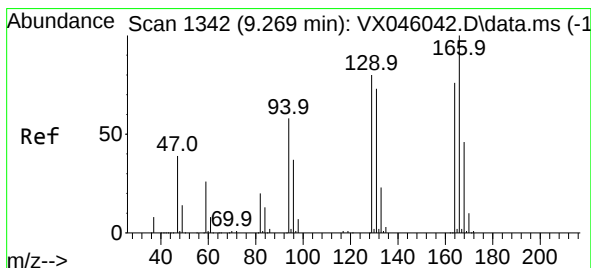
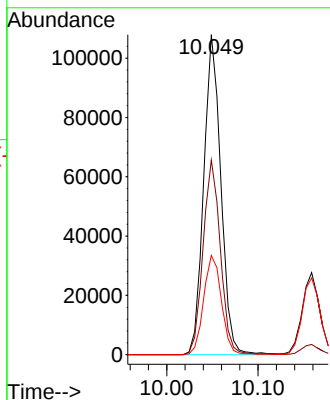
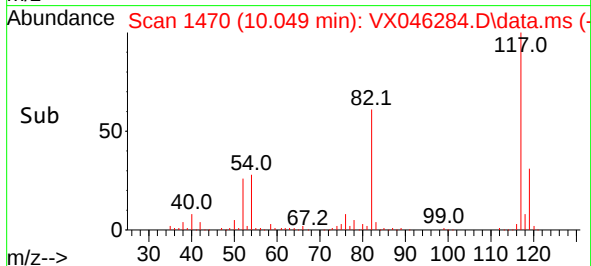
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 140445
Ion Ratio Lower Upper
117 100
82 60.9 50.6 76.0
119 31.0 25.8 38.6

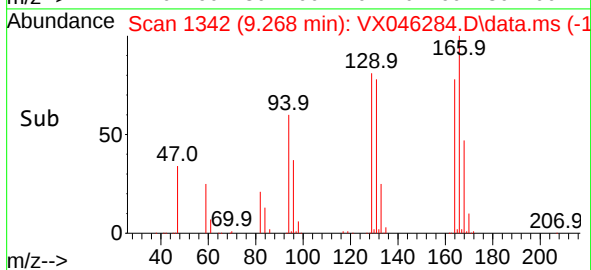
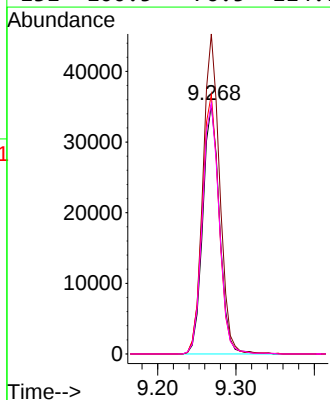
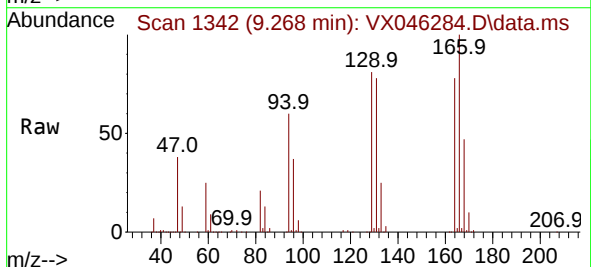
Manual Integrations
APPROVED

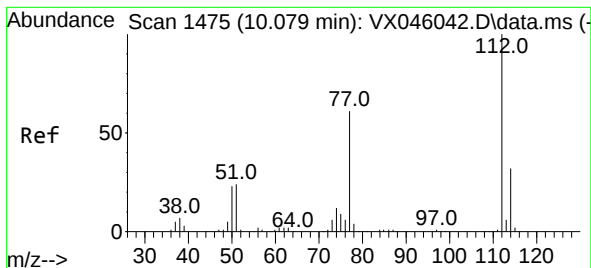
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#64
Tetrachloroethene
Concen: 52.359 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

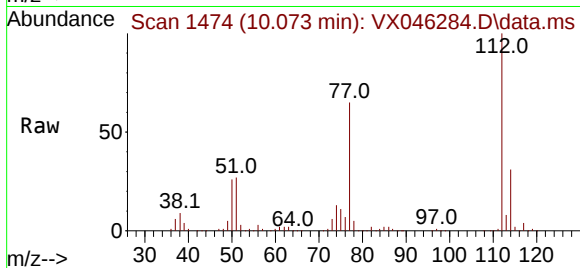
Tgt Ion:164 Resp: 52030
Ion Ratio Lower Upper
164 100
166 128.4 105.0 157.6
129 104.1 83.5 125.3
131 100.5 76.5 114.7





#65
Chlorobenzene
Concen: 49.440 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

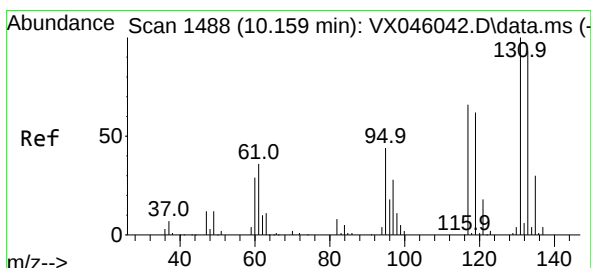
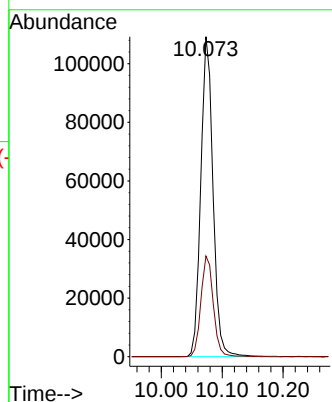
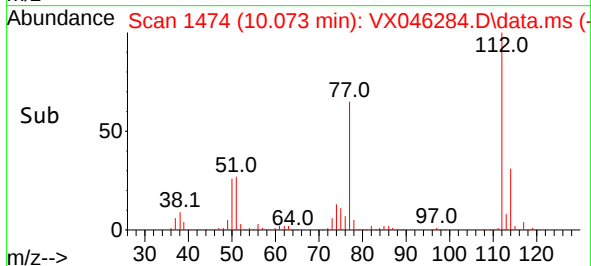
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



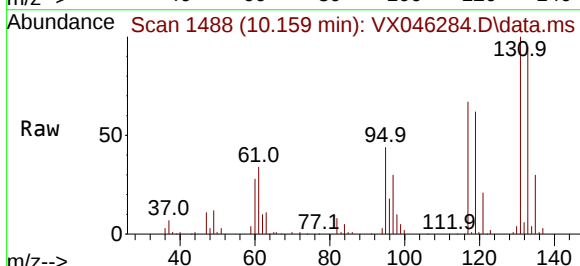
Tgt Ion:112 Resp: 151979
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

Manual Integrations
APPROVED

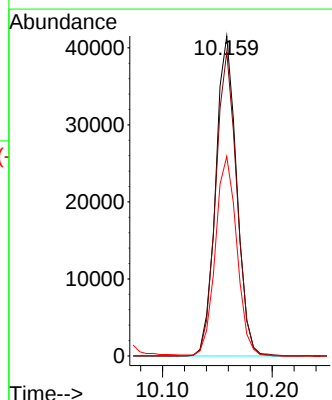
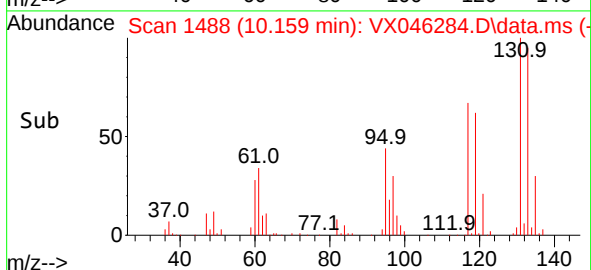
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

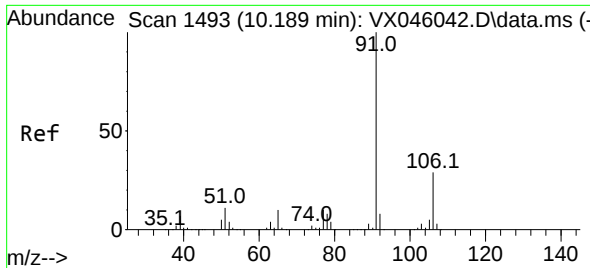


#66
1,1,1,2-Tetrachloroethane
Concen: 52.376 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



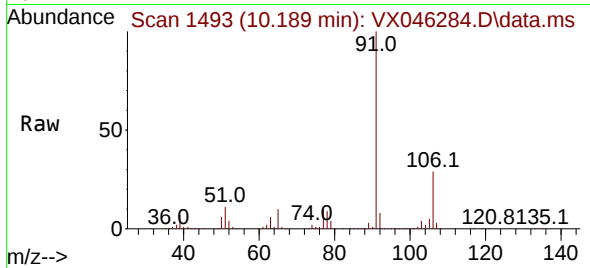
Tgt Ion:131 Resp: 54978
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.9
119 64.1 31.6 95.0





#67
Ethyl Benzene
Concen: 51.011 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

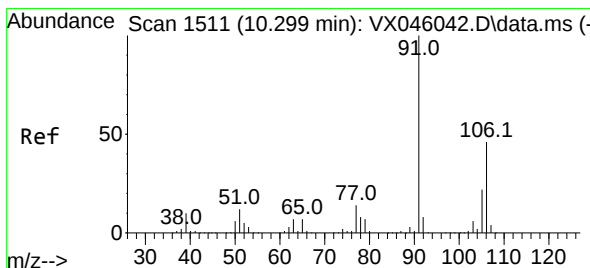
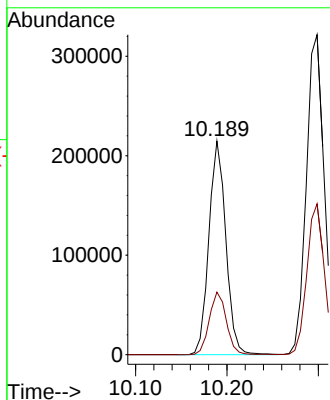
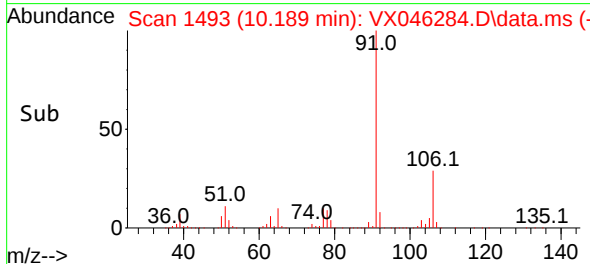
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



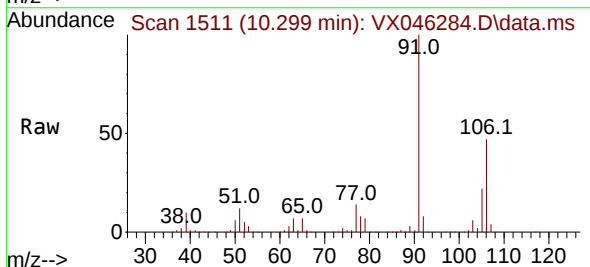
Tgt Ion: 91 Resp: 276408
Ion Ratio Lower Upper
91 100
106 29.3 23.4 35.2

Manual Integrations
APPROVED

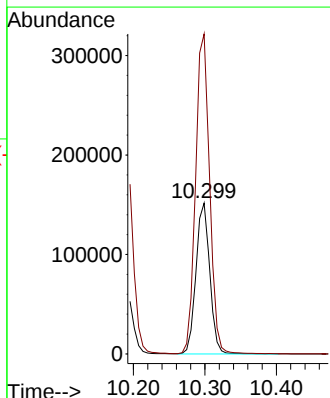
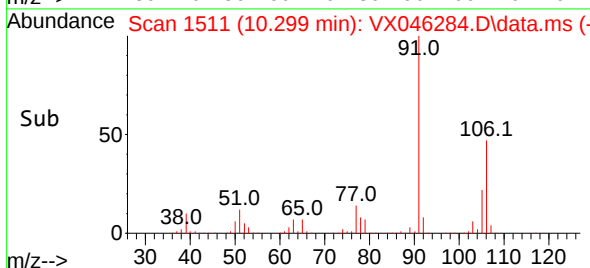
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

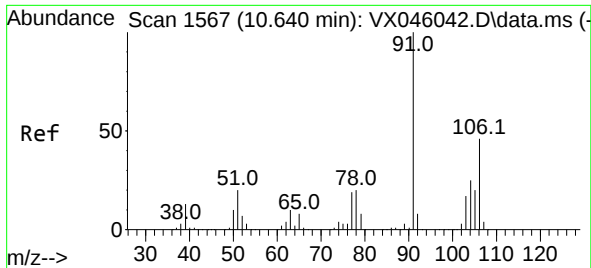


#68
m/p-Xylenes
Concen: 102.233 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



Tgt Ion:106 Resp: 202607
Ion Ratio Lower Upper
106 100
91 216.6 171.2 256.8





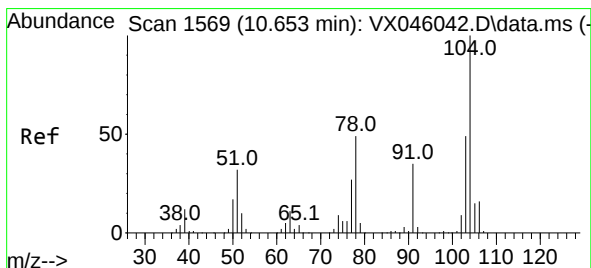
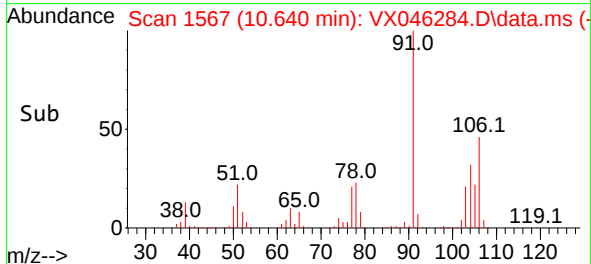
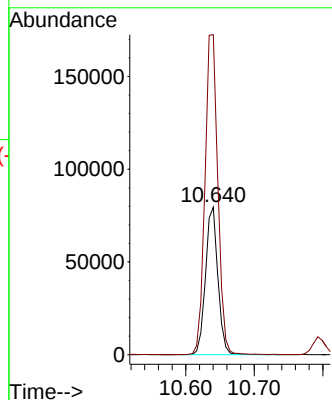
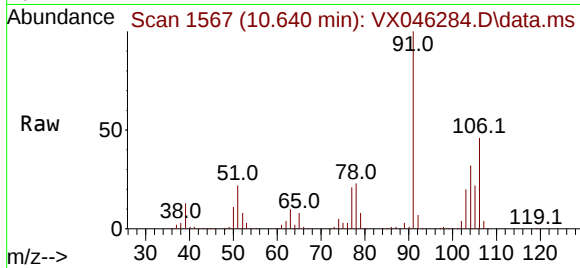
#69
o-Xylene
Concen: 51.746 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 9997
Ion Ratio Lower Upper
106 100
91 226.4 112.7 338.1

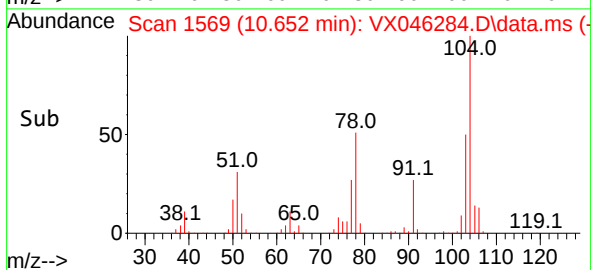
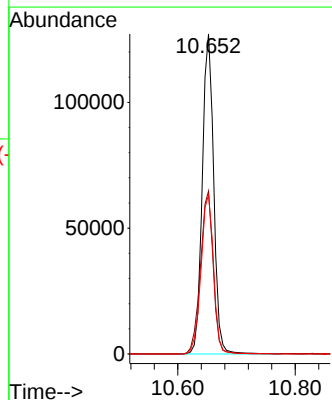
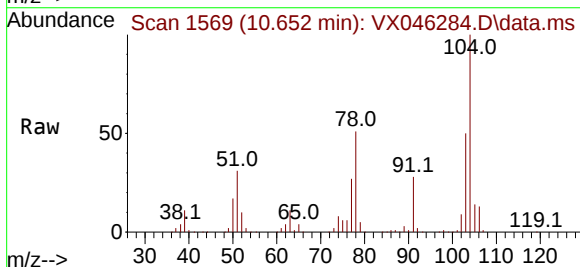
Manual Integrations
APPROVED

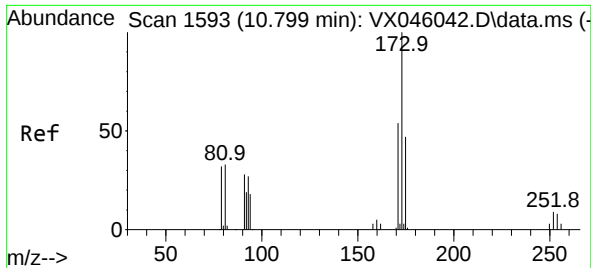
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#70
Styrene
Concen: 53.925 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

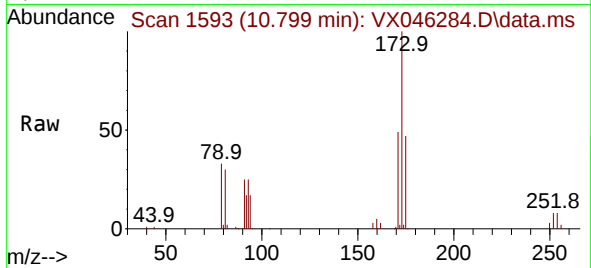
Tgt Ion:104 Resp: 170672
Ion Ratio Lower Upper
104 100
78 56.9 45.7 68.5
103 55.0 43.7 65.5





#71
Bromoform
Concen: 54.740 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

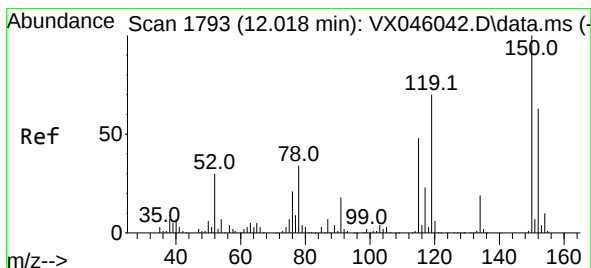
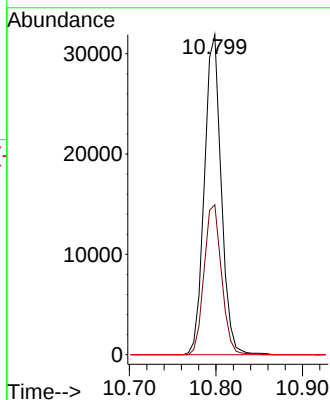
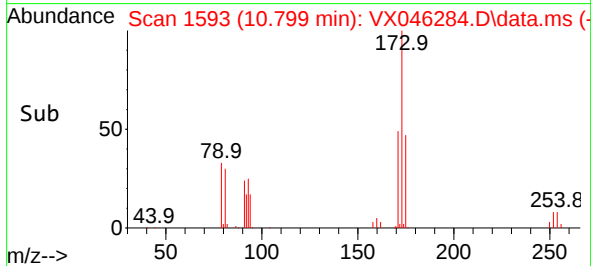
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



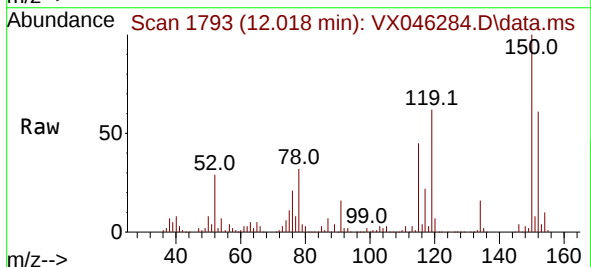
Tgt Ion:173 Resp: 43139
Ion Ratio Lower Upper
173 100
175 48.5 23.4 70.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

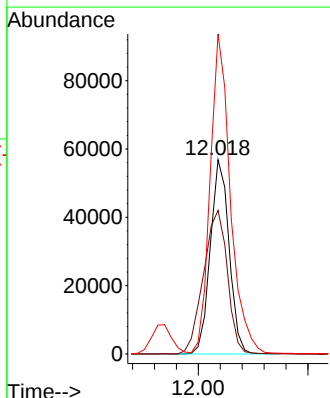
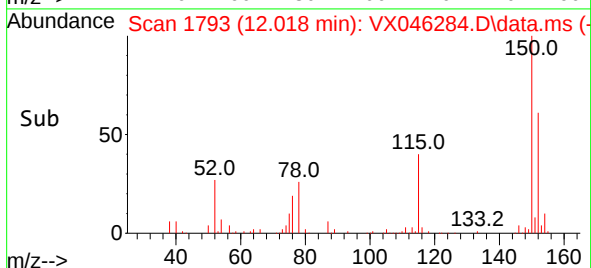
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

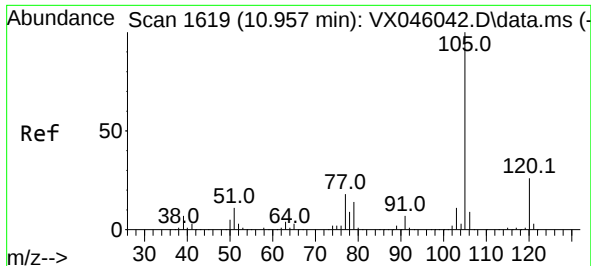


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



Tgt Ion:152 Resp: 67683
Ion Ratio Lower Upper
152 100
115 94.2 46.9 140.7
150 177.1 0.0 351.0





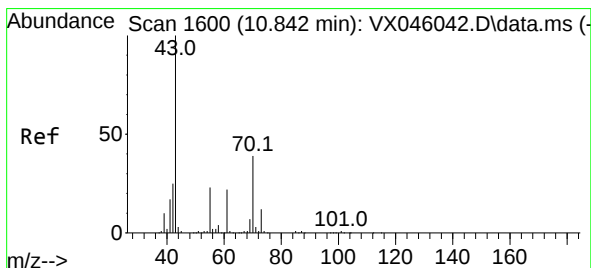
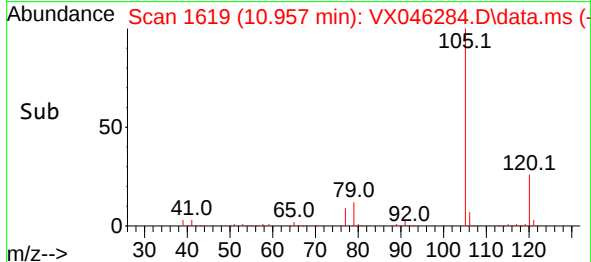
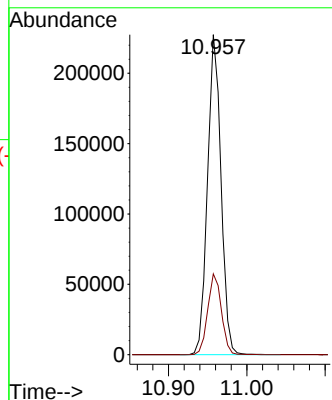
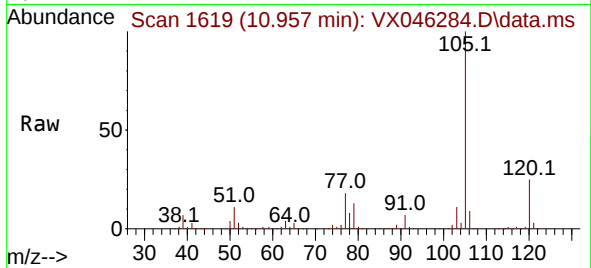
#73
Isopropylbenzene
Concen: 51.463 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 27117
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4

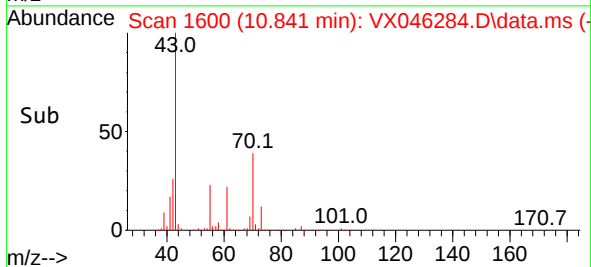
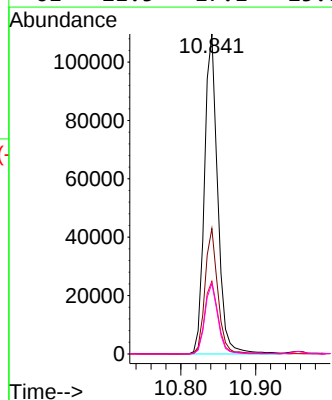
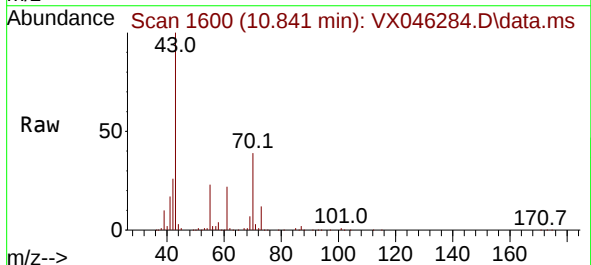
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#74
N-ethyl acetate
Concen: 51.743 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion: 43 Resp: 134729
Ion Ratio Lower Upper
43 100
70 37.7 30.9 46.3
55 23.3 18.7 28.1
61 21.5 17.1 25.7





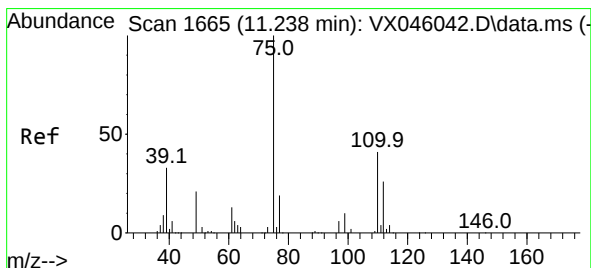
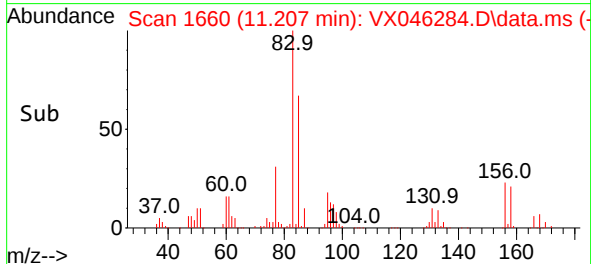
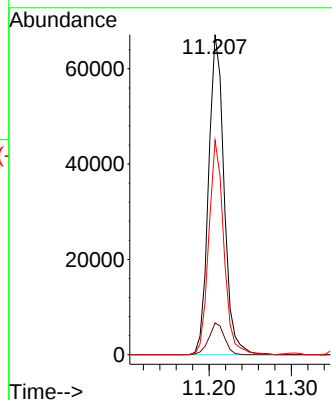
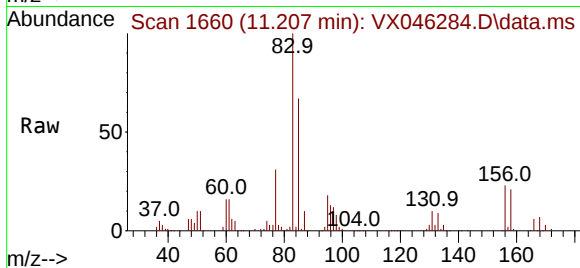
#75
1,1,2,2-Tetrachloroethane
Concen: 47.625 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 8794
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.9 31.9 95.7

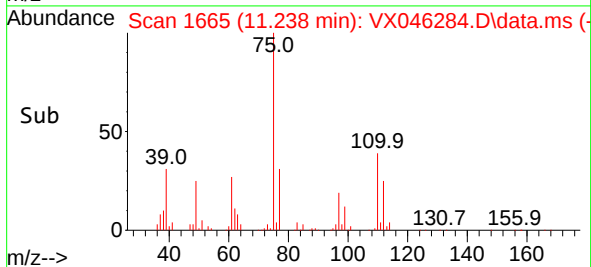
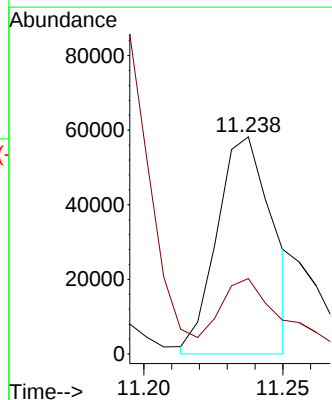
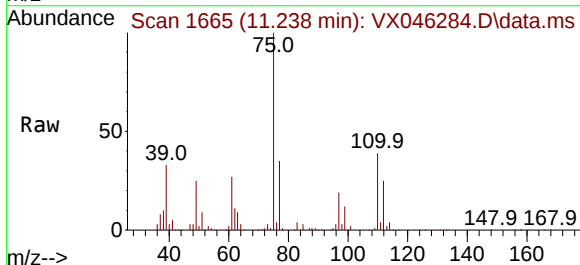
Manual Integrations
APPROVED

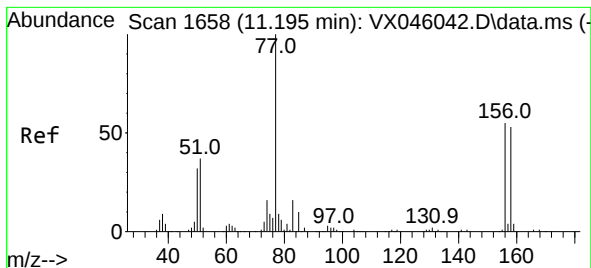
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#76
1,2,3-Trichloropropane
Concen: 49.455 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion: 75 Resp: 80571
Ion Ratio Lower Upper
75 100
77 40.4 20.5 61.5





#77

Bromobenzene

Concen: 49.799 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

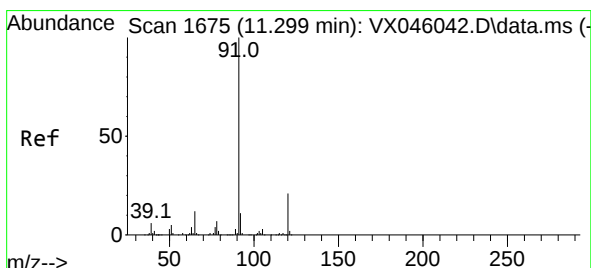
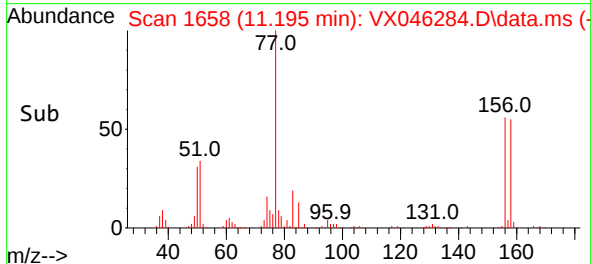
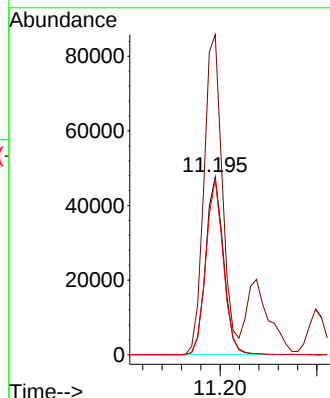
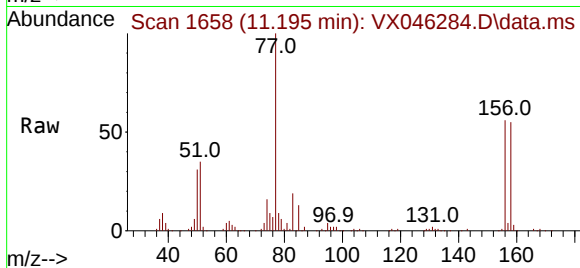
Tgt Ion:	156	Resp:	6092
Ion Ratio	Lower	Upper	
156	100		
77	186.6	92.8	278.3
158	97.2	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#78

n-propylbenzene

Concen: 51.595 ug/l

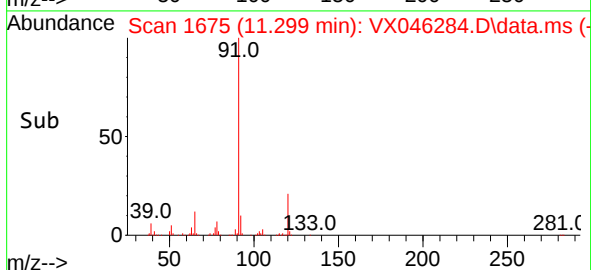
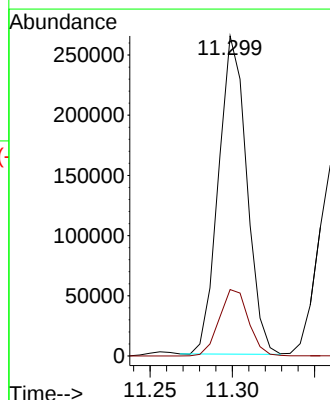
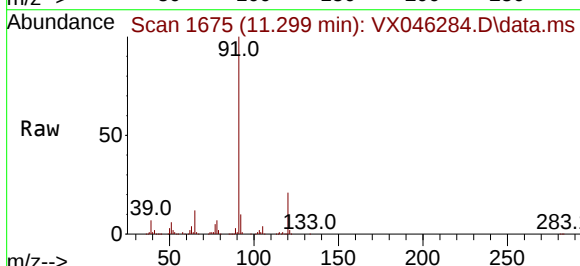
RT: 11.299 min Scan# 1675

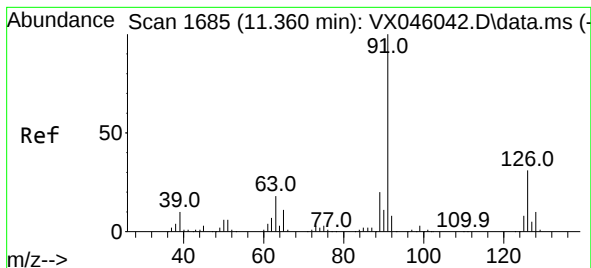
Delta R.T. -0.000 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

Tgt Ion:	91	Resp:	316117
Ion Ratio	Lower	Upper	
91	100		
120	21.7	10.8	32.4





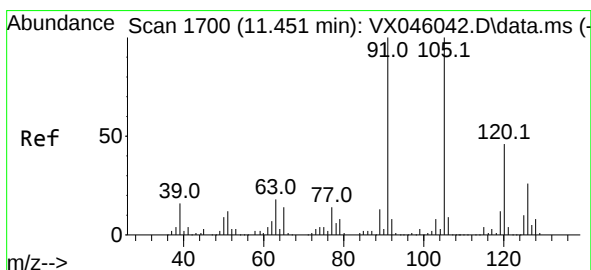
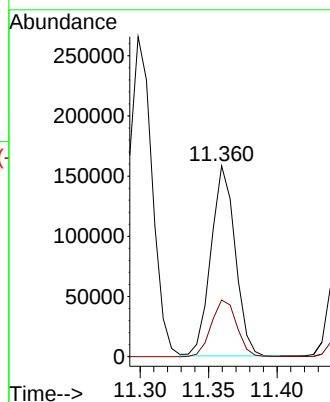
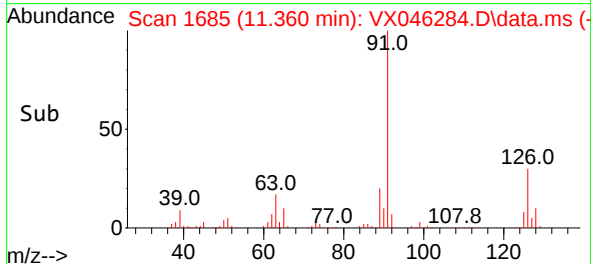
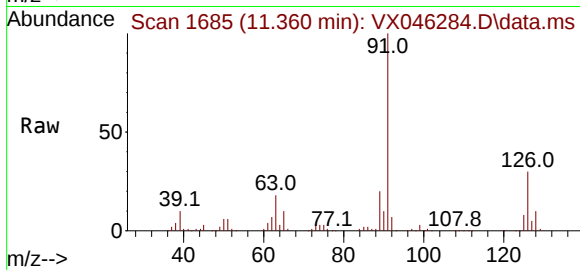
#79
2-Chlorotoluene
Concen: 49.086 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 19398
Ion Ratio Lower Upper
91 100
126 31.4 15.6 46.7

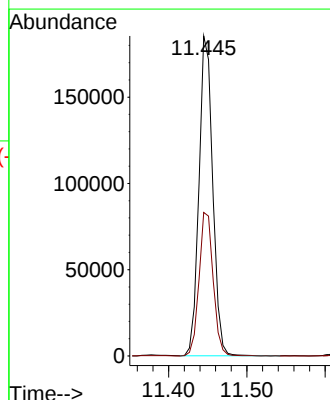
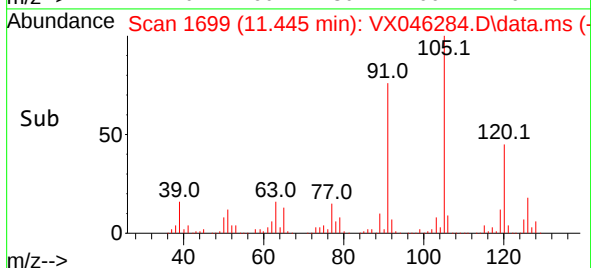
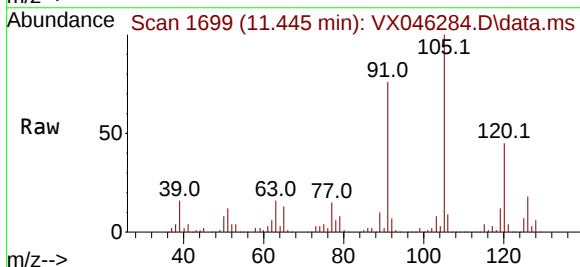
Manual Integrations
APPROVED

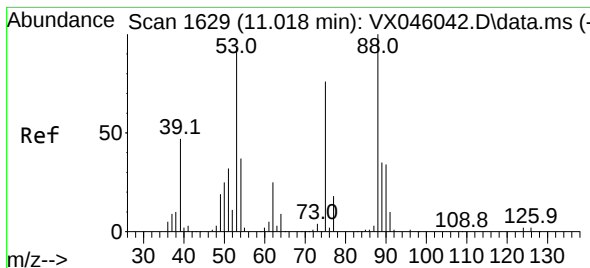
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.421 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

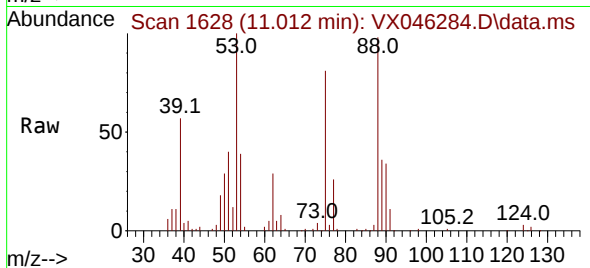
Tgt Ion:105 Resp: 226364
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 53.175 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

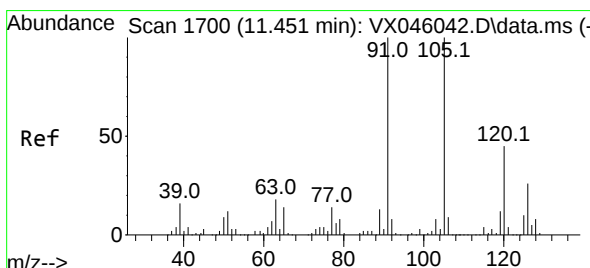
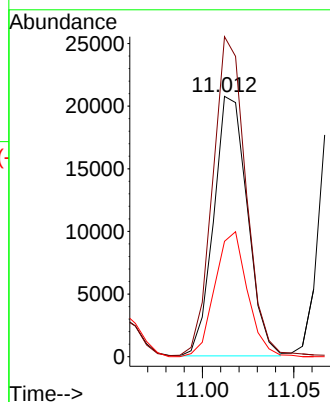
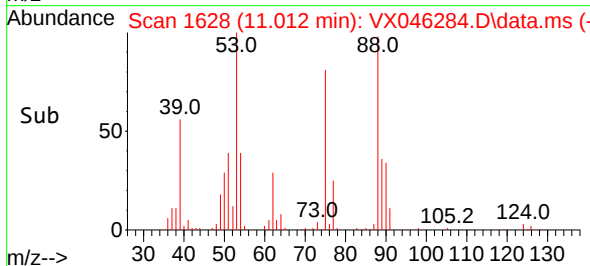
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 26609
Ion Ratio Lower Upper
75 100
53 122.6 100.5 150.7
89 46.7 37.0 55.6

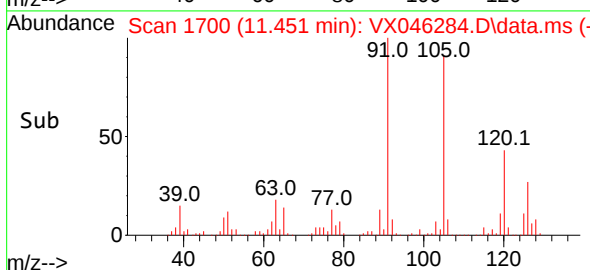
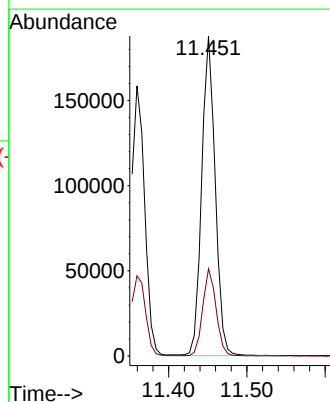
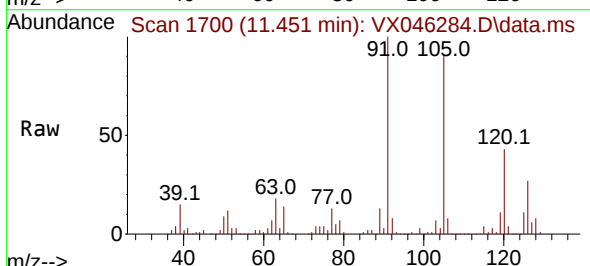
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#82
4-Chlorotoluene
Concen: 51.369 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

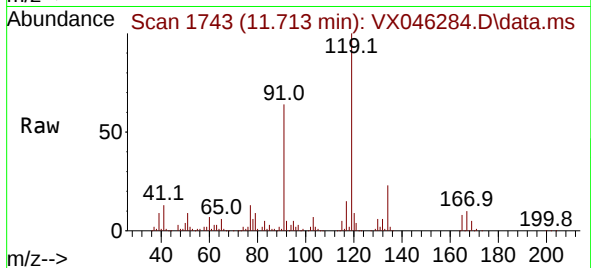
Tgt Ion: 91 Resp: 225123
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.8





#83
tert-Butylbenzene
Concen: 50.408 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

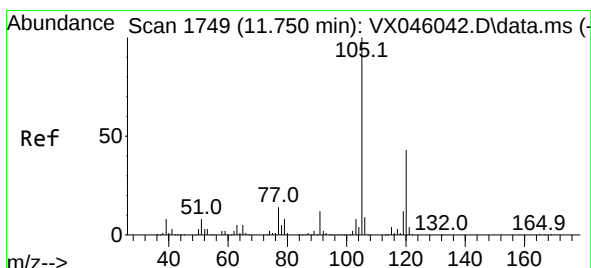
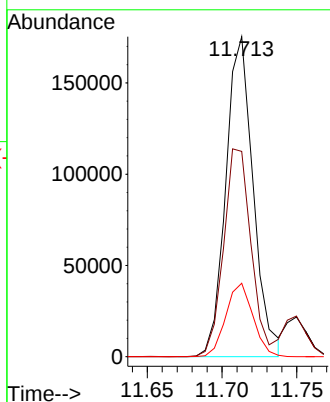
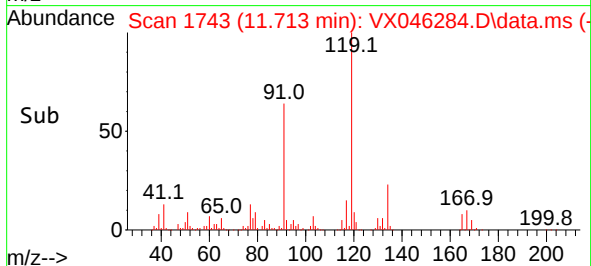
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



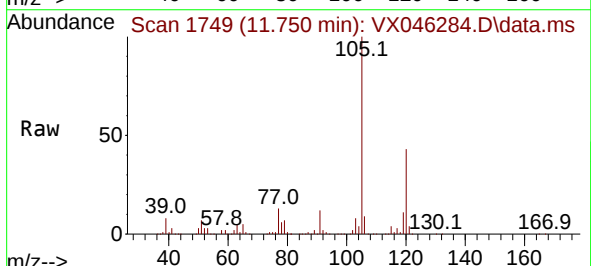
Tgt Ion:119 Resp: 22352
Ion Ratio Lower Upper
119 100
91 64.9 32.9 98.7
134 22.7 11.4 34.1

Manual Integrations
APPROVED

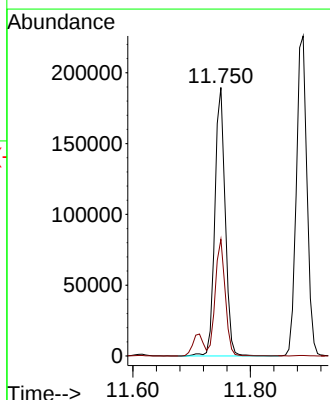
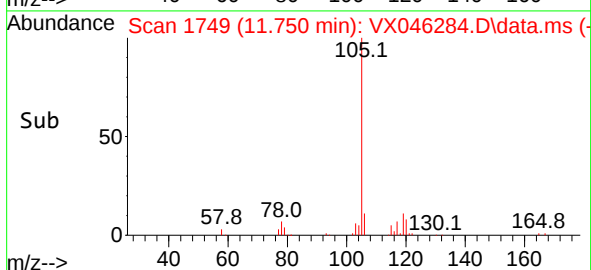
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

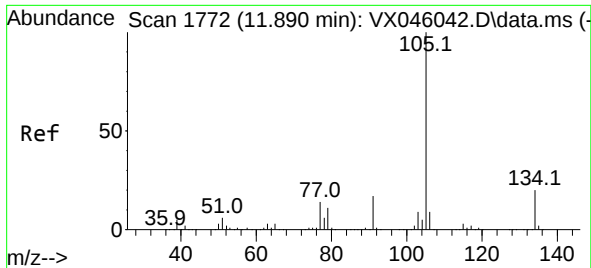


#84
1,2,4-Trimethylbenzene
Concen: 51.885 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



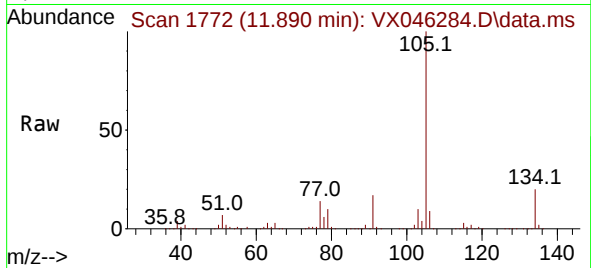
Tgt Ion:105 Resp: 231302
Ion Ratio Lower Upper
105 100
120 42.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 52.129 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046284.D
 Acq: 21 May 2025 09:55

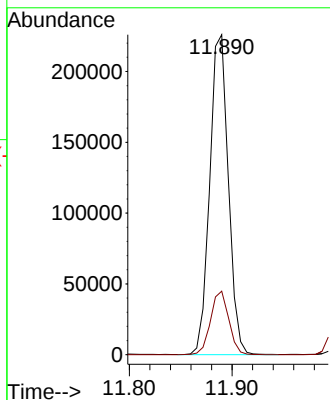
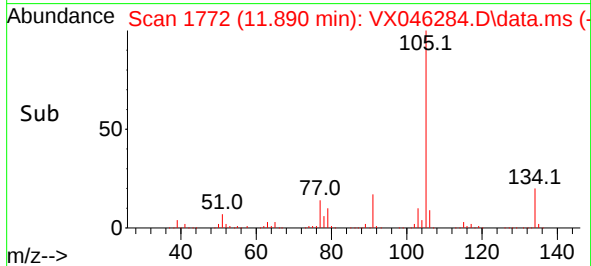
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



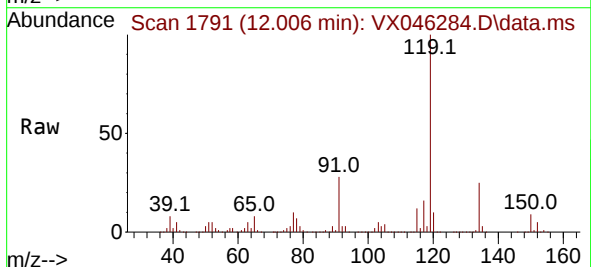
Tgt Ion:105 Resp: 28381
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 29.1

Manual Integrations
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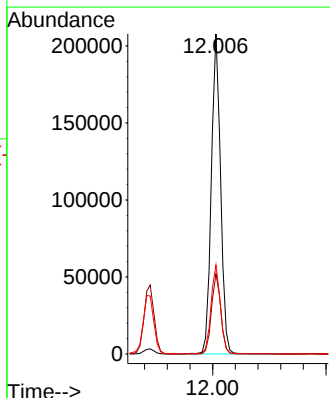
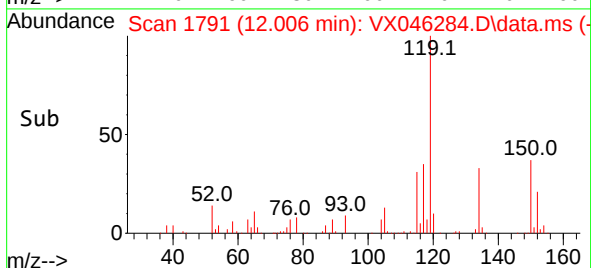
Reviewed By :John Carlone 05/22/2025
 Supervised By :Mahesh Dadoda 05/22/2025



#86
 p-Isopropyltoluene
 Concen: 52.222 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046284.D
 Acq: 21 May 2025 09:55



Tgt Ion:119 Resp: 234688
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.5 37.5
 91 27.8 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 50.537 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 112832

Ion Ratio Lower Upper

146 100

111 45.1 22.1 66.3

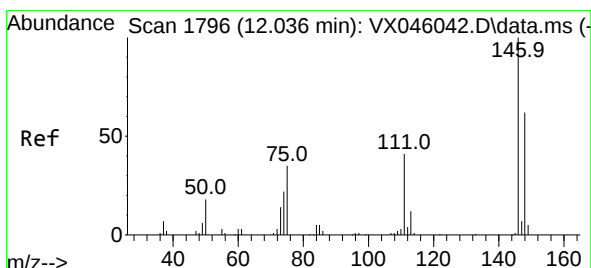
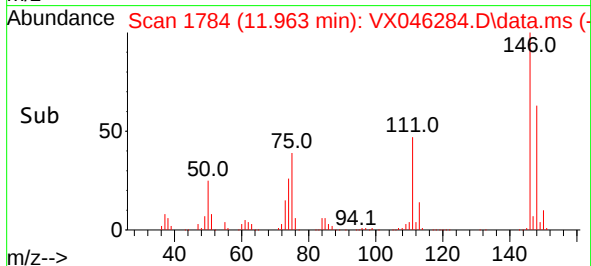
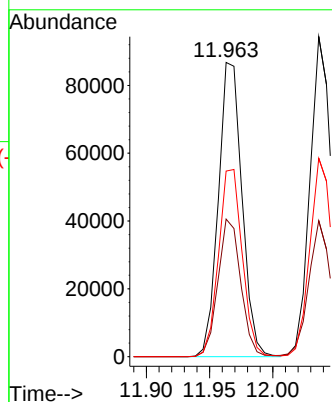
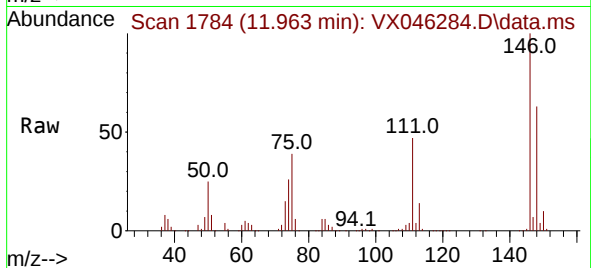
148 63.8 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/22/2025

Supervised By :Mahesh Dadoda 05/22/2025



#88

1,4-Dichlorobenzene

Concen: 49.713 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046284.D

Acq: 21 May 2025 09:55

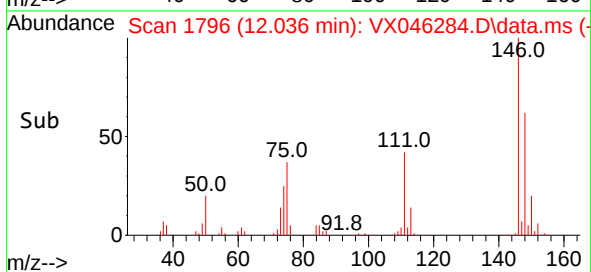
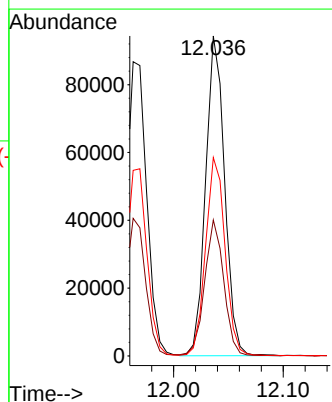
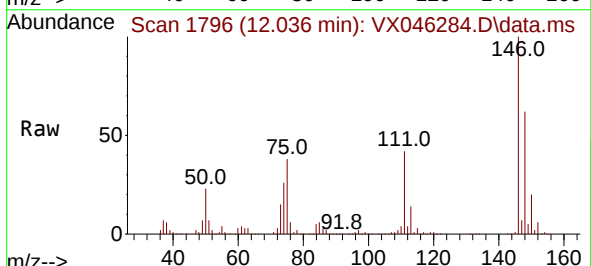
Tgt Ion:146 Resp: 113352

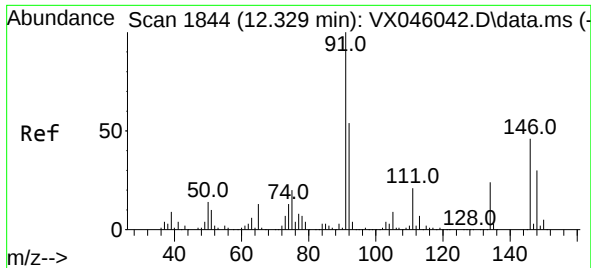
Ion Ratio Lower Upper

146 100

111 43.1 21.3 63.9

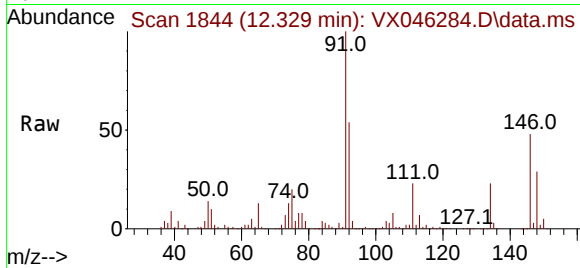
148 63.8 31.9 95.5





#89
n-Butylbenzene
Concen: 53.818 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

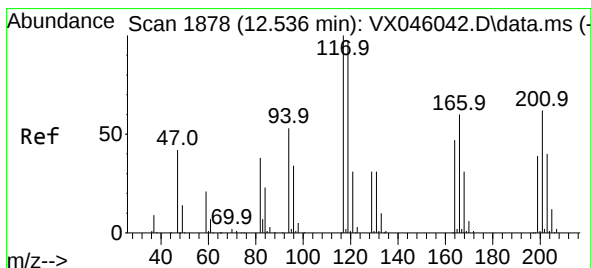
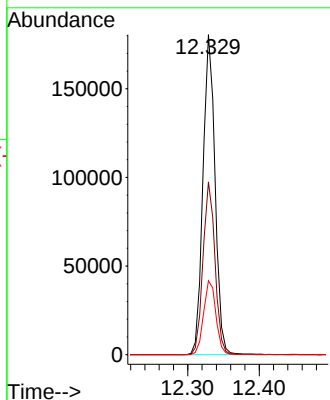
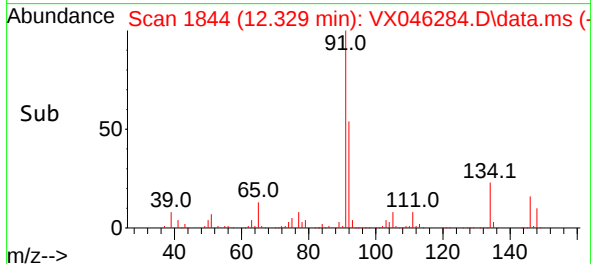
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 21215
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 23.7 11.8 35.3

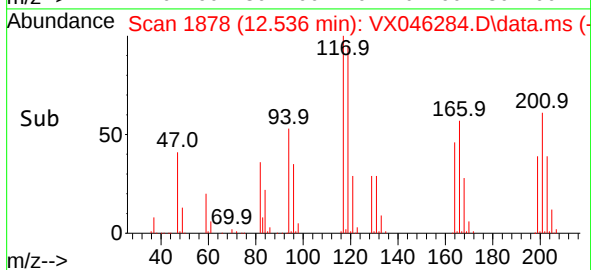
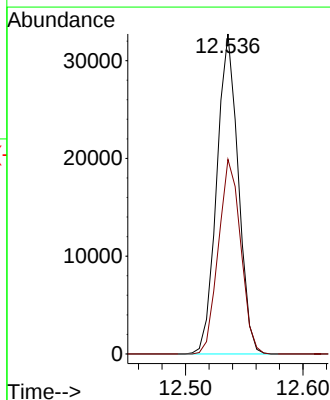
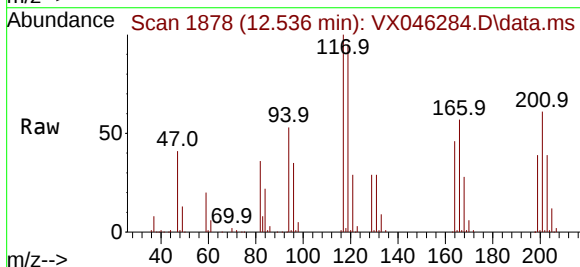
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#90
Hexachloroethane
Concen: 52.527 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Tgt Ion:117 Resp: 41588
Ion Ratio Lower Upper
117 100
201 63.0 31.6 94.7





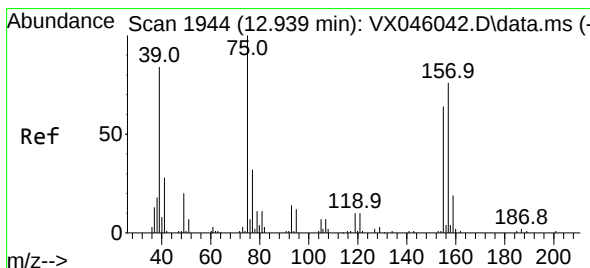
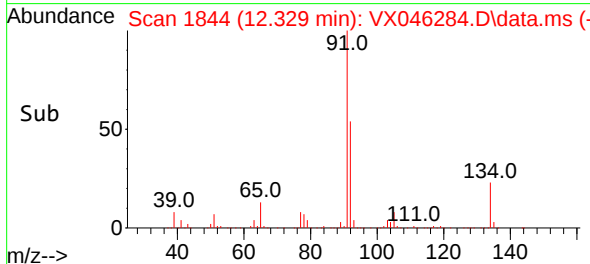
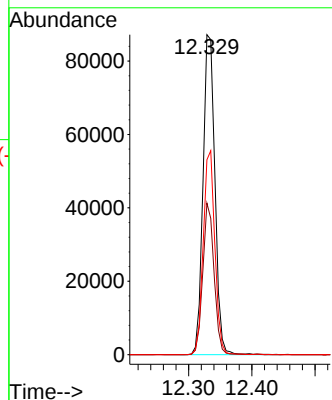
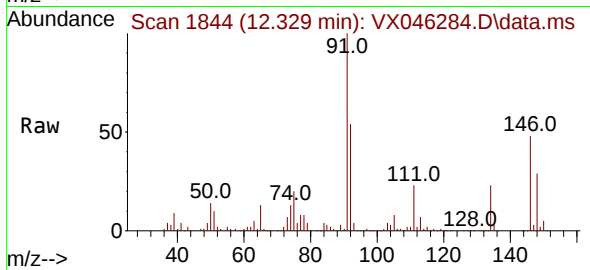
#91
1,2-Dichlorobenzene
Concen: 51.087 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 114450
Ion Ratio Lower Upper
146 100
111 44.9 22.4 67.3
148 62.2 31.6 94.8

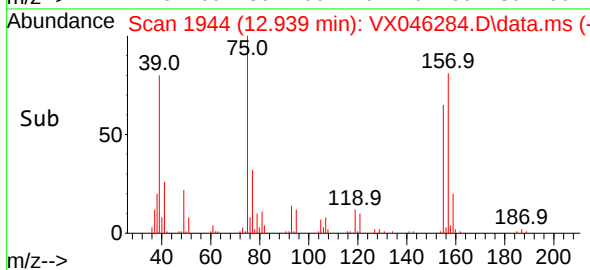
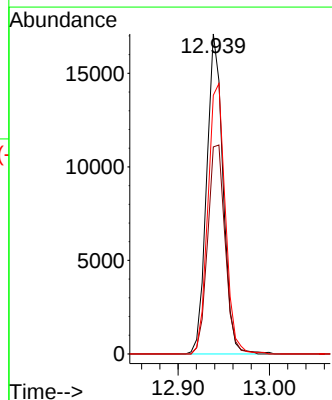
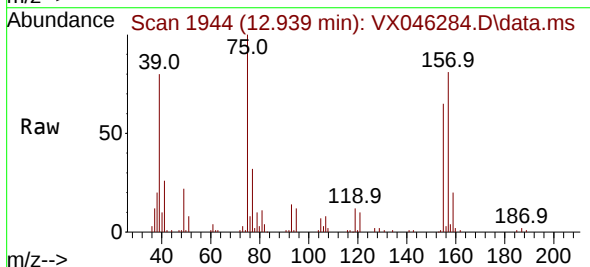
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.001 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

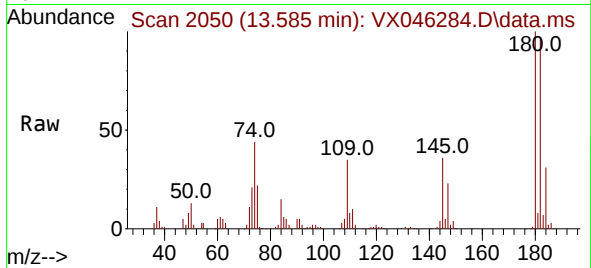
Tgt Ion: 75 Resp: 21272
Ion Ratio Lower Upper
75 100
155 69.5 34.9 104.8
157 89.3 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 51.375 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

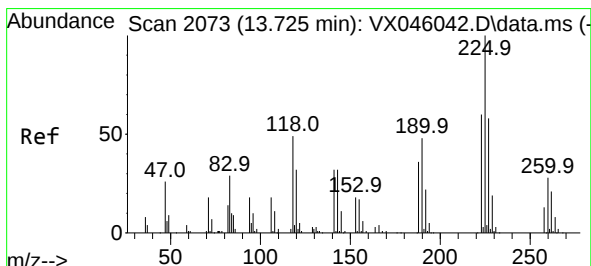
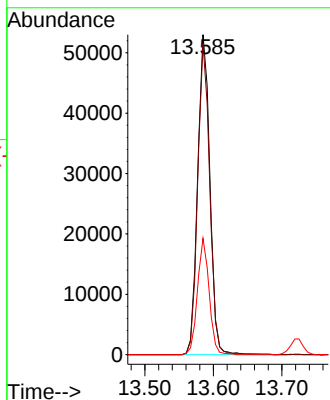
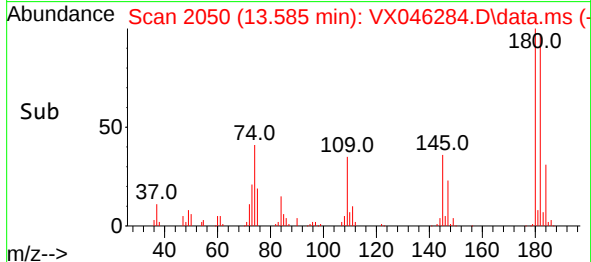
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



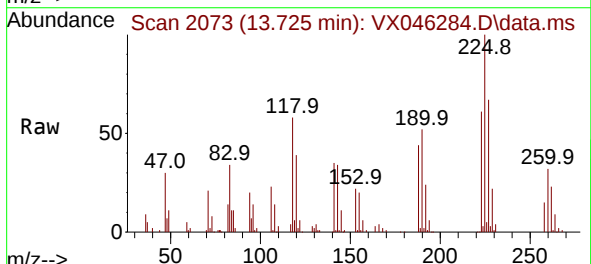
Tgt Ion:180 Resp: 66110
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.8
145 34.6 17.1 51.2

Manual Integrations
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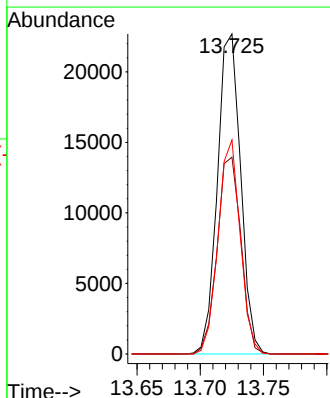
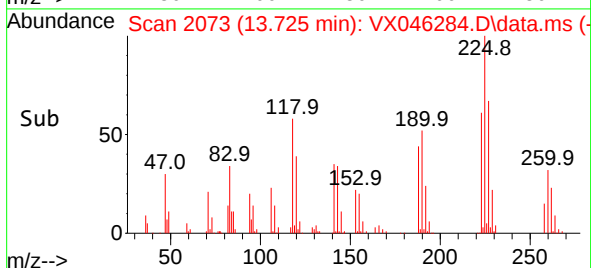
Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025

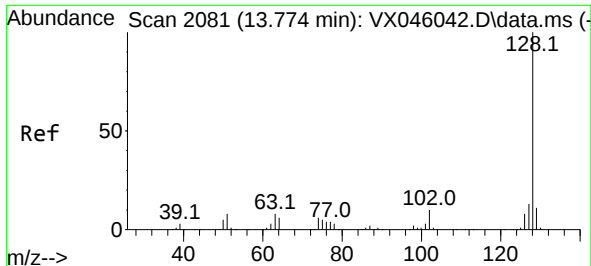


#94
Hexachlorobutadiene
Concen: 51.510 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



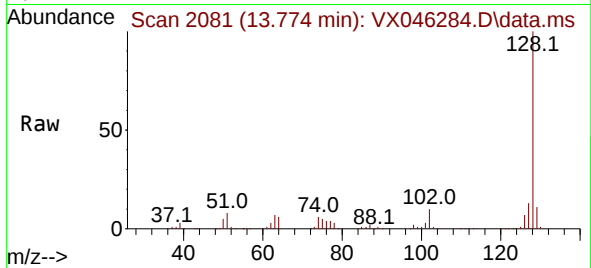
Tgt Ion:225 Resp: 28949
Ion Ratio Lower Upper
225 100
223 62.8 30.8 92.4
227 63.5 30.9 92.7





#95
Naphthalene
Concen: 49.502 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55

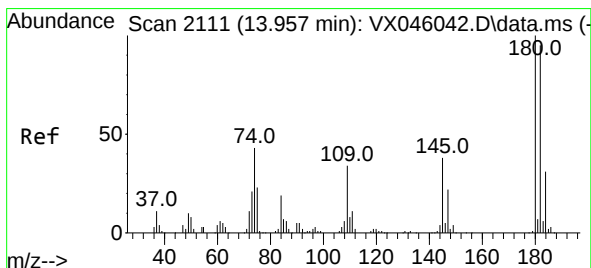
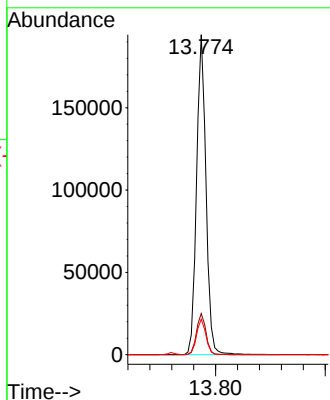
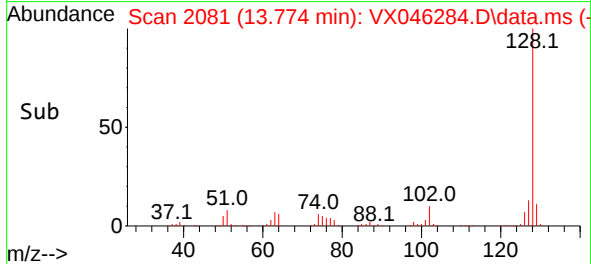
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



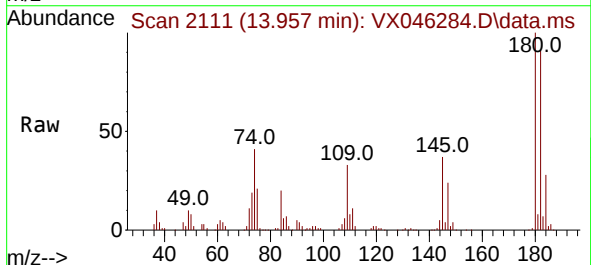
Tgt Ion:128 Resp: 233630
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/22/2025
Supervised By :Mahesh Dadoda 05/22/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.272 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046284.D
Acq: 21 May 2025 09:55



Tgt Ion:180 Resp: 68077
Ion Ratio Lower Upper
180 100
182 94.0 47.8 143.3
145 36.4 18.1 54.3

