

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022725\
 Data File : VX045057.D
 Acq On : 27 Feb 2025 10:07
 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 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 00:39:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	105753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	185667	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	162566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	79871	51.595	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.200%			
35) Dibromofluoromethane	5.373	113	63956	52.981	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.960%			
50) Toluene-d8	8.647	98	223313	48.922	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.840%			
62) 4-Bromofluorobenzene	11.079	95	78624	51.092	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	72524	48.896	ug/l	98
3) Chloromethane	1.307	50	76188	42.204	ug/l	99
4) Vinyl Chloride	1.374	62	79162	45.265	ug/l	99
5) Bromomethane	1.593	94	30949	59.138	ug/l	100
6) Chloroethane	1.666	64	43848	70.598	ug/l	99
7) Trichlorofluoromethane	1.874	101	116626	52.732	ug/l	98
8) Diethyl Ether	2.130	74	41198	51.364	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	69018	51.650	ug/l	99
10) Methyl Iodide	2.441	142	78467	45.309	ug/l	97
11) Tert butyl alcohol	2.971	59	74465	259.292	ug/l	99
12) 1,1-Dichloroethene	2.307	96	64580	47.378	ug/l	98
13) Acrolein	2.233	56	87486	295.258	ug/l	99
14) Allyl chloride	2.654	41	122681	49.801	ug/l	98
15) Acrylonitrile	3.062	53	220460	287.514	ug/l	97
16) Acetone	2.380	43	186098	299.038	ug/l	94
17) Carbon Disulfide	2.502	76	152157	40.708	ug/l	100
18) Methyl Acetate	2.703	43	129058	65.718	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	219785	50.678	ug/l	99
20) Methylene Chloride	2.782	84	74430	48.828	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	64288	47.921	ug/l	95
22) Diisopropyl ether	3.757	45	247311	53.065	ug/l	98
23) Vinyl Acetate	3.715	43	998601	262.825	ug/l	98
24) 1,1-Dichloroethane	3.605	63	132419	50.780	ug/l	99
25) 2-Butanone	4.556	43	310087	306.853	ug/l	96
26) 2,2-Dichloropropane	4.471	77	97118	46.962	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	80994	50.262	ug/l	99
28) Bromochloromethane	4.891	49	60987	48.665	ug/l	100
29) Tetrahydrofuran	5.001	42	200325	298.538	ug/l	97
30) Chloroform	5.087	83	131808	52.120	ug/l	99
31) Cyclohexane	5.458	56	110840	46.105	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	108523	50.592	ug/l	97
36) 1,1-Dichloropropene	5.684	75	87448	50.212	ug/l	100
37) Ethyl Acetate	4.709	43	111252	57.431	ug/l	99
38) Carbon Tetrachloride	5.666	117	93320	54.680	ug/l	97
39) Methylcyclohexane	7.373	83	113655	50.478	ug/l	96
40) Benzene	6.031	78	278703	51.249	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	65520	63.190	ug/l	97
42) 1,2-Dichloroethane	6.080	62	99993	57.692	ug/l	98
43) Isopropyl Acetate	6.336	43	179465	57.370	ug/l	98
44) Trichloroethene	7.117	130	64968	52.265	ug/l	96
45) 1,2-Dichloropropane	7.421	63	71253	52.665	ug/l	100
46) Dibromomethane	7.574	93	51622	55.018	ug/l	98
47) Bromodichloromethane	7.818	83	103376	56.901	ug/l	100
48) Methyl methacrylate	7.690	41	86161	58.415	ug/l	97
49) 1,4-Dioxane	7.659	88	35100	1109.165	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	603169	317.164	ug/l	97
52) Toluene	8.714	92	169466	52.324	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	95766	52.090	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	107653	52.518	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	68840	55.292	ug/l	97
56) Ethyl methacrylate	9.116	69	110378	54.891	ug/l	95
57) 1,3-Dichloropropane	9.305	76	119524	54.868	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	280428	284.022	ug/l	100
59) 2-Hexanone	9.427	43	436192	318.334	ug/l	96
60) Dibromochloromethane	9.519	129	77191	57.973	ug/l	98
61) 1,2-Dibromoethane	9.604	107	68638	54.393	ug/l	99
64) Tetrachloroethene	9.269	164	53775	52.452	ug/l	97
65) Chlorobenzene	10.073	112	183094	52.437	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	62299	55.433	ug/l	99
67) Ethyl Benzene	10.189	91	325118	52.764	ug/l	98
68) m/p-Xylenes	10.299	106	240226	105.689	ug/l	99
69) o-Xylene	10.640	106	117575	51.552	ug/l	98
70) Styrene	10.653	104	198609	54.051	ug/l	99
71) Bromoform	10.799	173	50380	60.067	ug/l #	98
73) Isopropylbenzene	10.957	105	308870	53.550	ug/l	100
74) N-amyl acetate	10.842	43	142840	54.727	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	105253	53.104	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	87962m	55.384	ug/l	
77) Bromobenzene	11.195	156	70753	54.106	ug/l	96
78) n-propylbenzene	11.299	91	362711	54.482	ug/l	100
79) 2-Chlorotoluene	11.360	91	214205	52.352	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	253331	54.123	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30604	49.568	ug/l	92
82) 4-Chlorotoluene	11.451	91	240764	53.187	ug/l	99
83) tert-Butylbenzene	11.713	119	255849	54.032	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	250456	54.214	ug/l	100
85) sec-Butylbenzene	11.890	105	322869	55.065	ug/l	100
86) p-Isopropyltoluene	12.006	119	260334	55.211	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	127082	52.846	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	125636	51.673	ug/l	100
89) n-Butylbenzene	12.329	91	236227	56.628	ug/l	99
90) Hexachloroethane	12.536	117	47073	53.316	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	124539	52.695	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21560	59.601	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	77779	54.387	ug/l	98
94) Hexachlorobutadiene	13.725	225	32243	56.793	ug/l	98
95) Naphthalene	13.774	128	284522	55.037	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	78551	54.510	ug/l	98

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QLast Update : Tue Feb 11 03:41:08 2025
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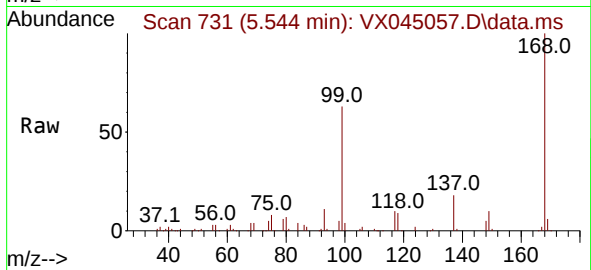
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
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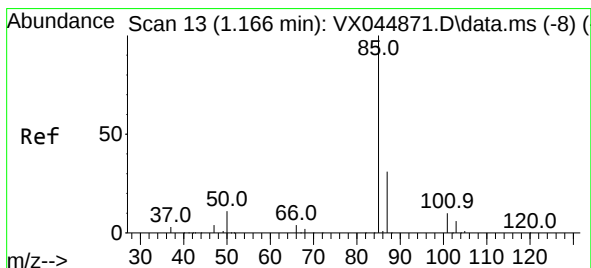
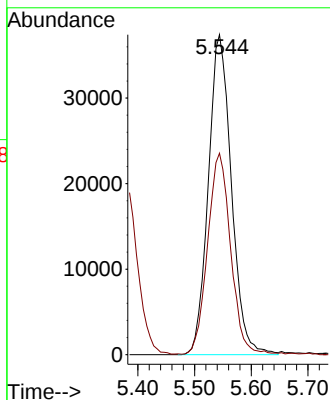
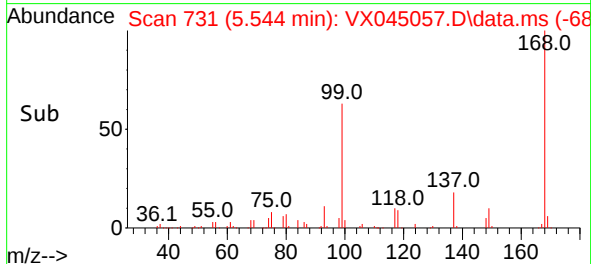
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 10575
Ion Ratio Lower Upper
168 100
99 62.7 51.2 76.8

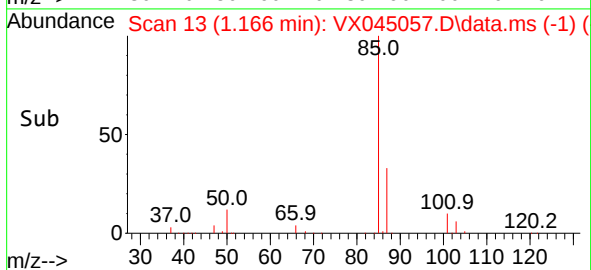
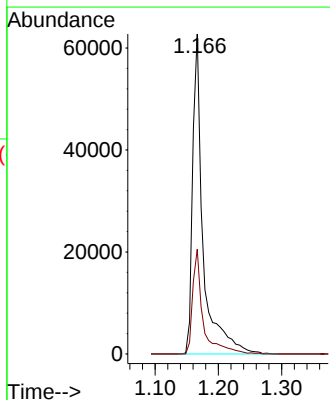
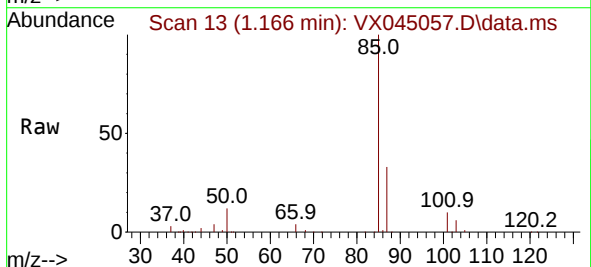
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#2
Dichlorodifluoromethane
Concen: 48.896 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Tgt Ion: 85 Resp: 72524
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.3





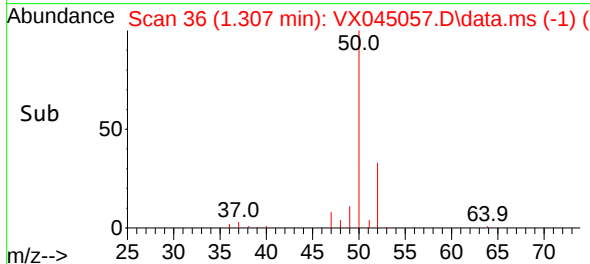
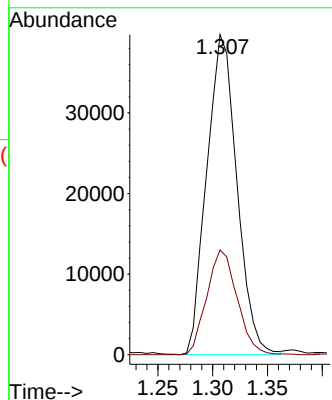
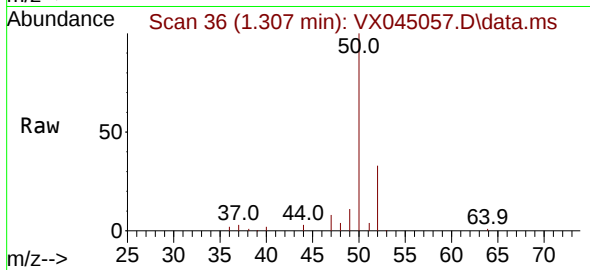
#3
Chloromethane
Concen: 42.204 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 76188
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9

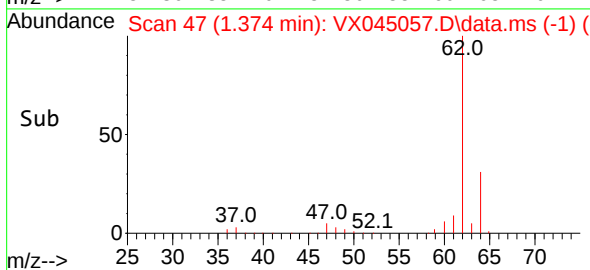
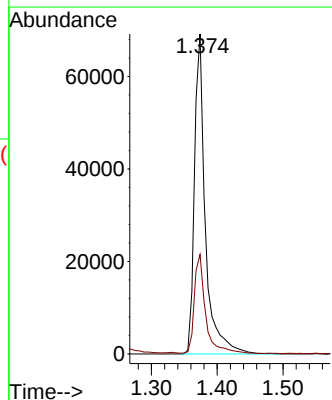
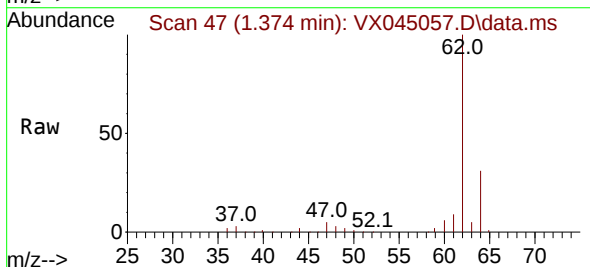
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#4
Vinyl Chloride
Concen: 45.265 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

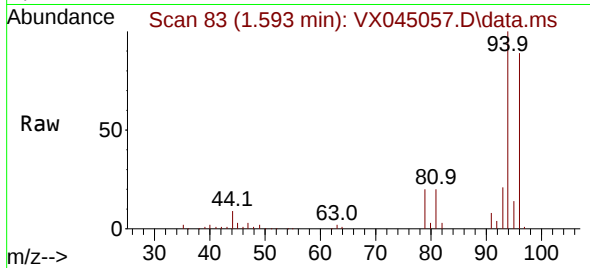
Tgt Ion: 62 Resp: 79162
Ion Ratio Lower Upper
62 100
64 30.9 25.4 38.0





#5
Bromomethane
Concen: 59.138 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

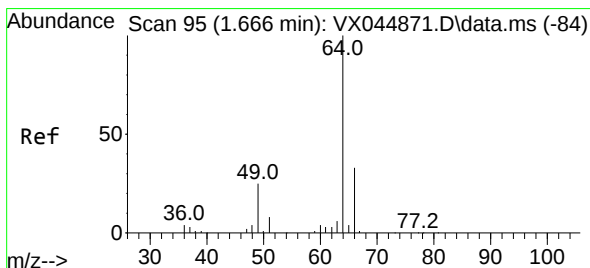
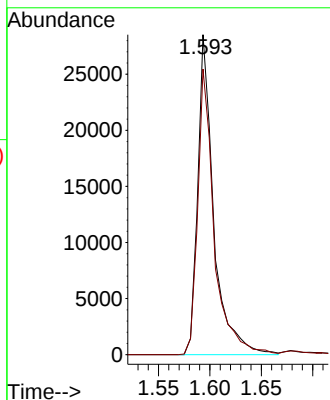
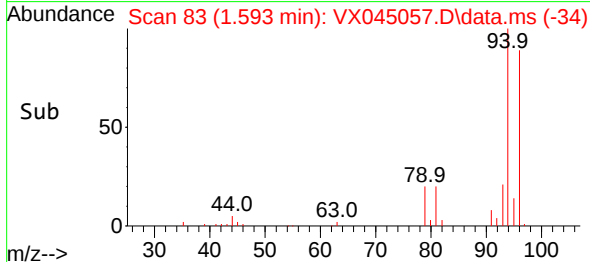
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 30949
Ion Ratio Lower Upper
94 100
96 89.3 71.6 107.4

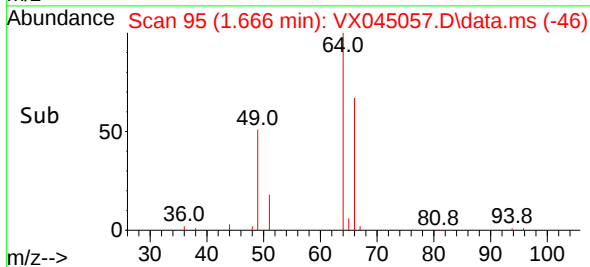
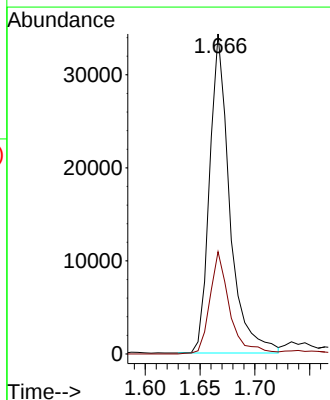
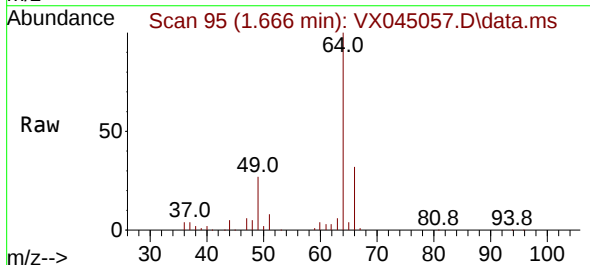
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#6
Chloroethane
Concen: 70.598 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX045057.D
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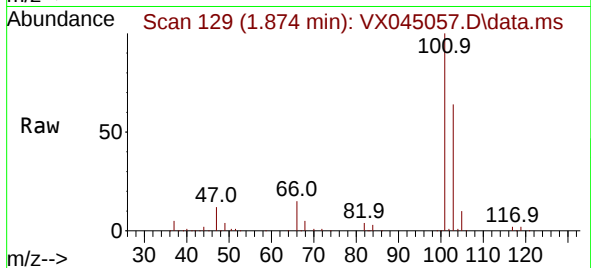
Tgt Ion: 64 Resp: 43848
Ion Ratio Lower Upper
64 100
66 32.1 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 52.732 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX045057.D
 Acq: 27 Feb 2025 10:07

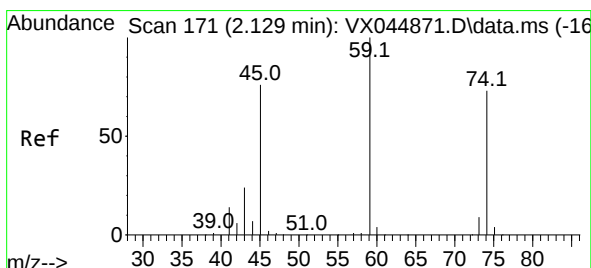
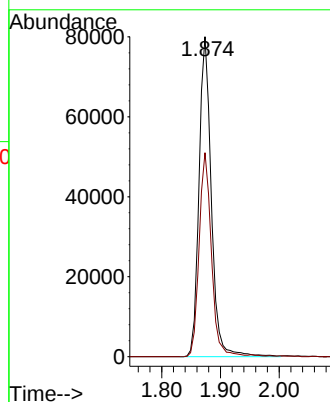
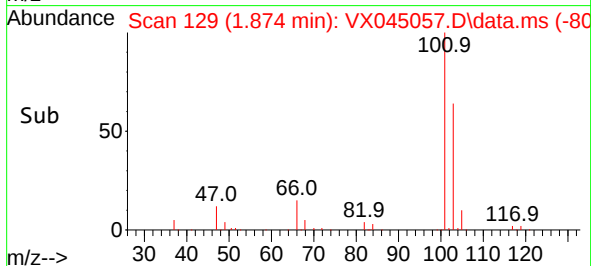
Instrument :
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Tgt Ion:101 Resp: 116620
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.4 78.6

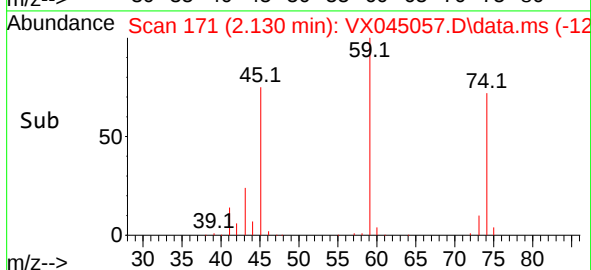
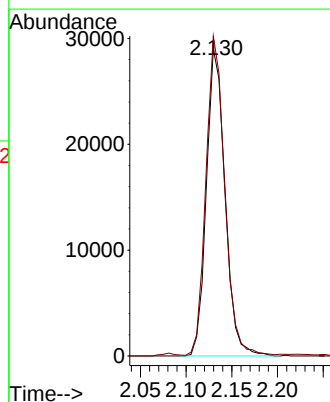
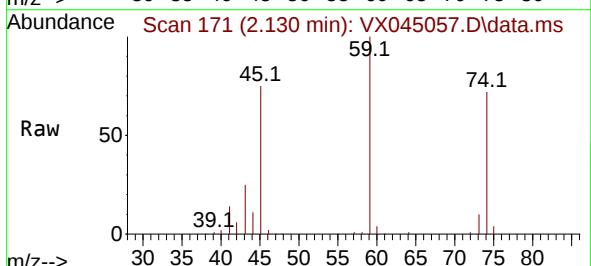
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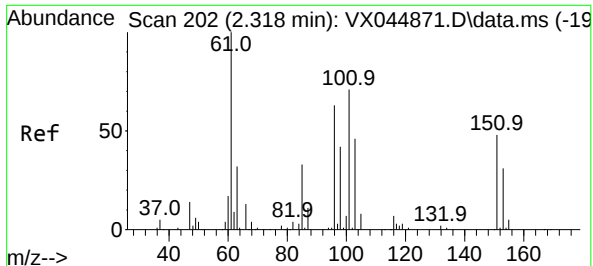
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#8
 Diethyl Ether
 Concen: 51.364 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.001 min
 Lab File: VX045057.D
 Acq: 27 Feb 2025 10:07

Tgt Ion: 74 Resp: 41198
 Ion Ratio Lower Upper
 74 100
 45 104.0 51.1 153.4





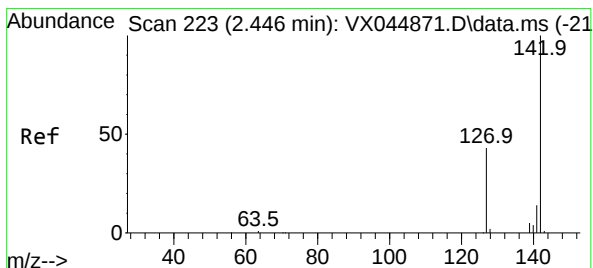
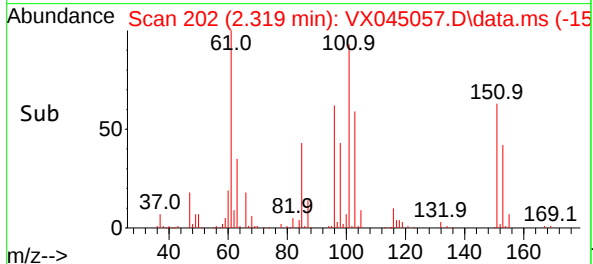
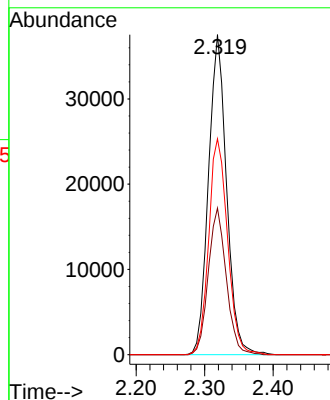
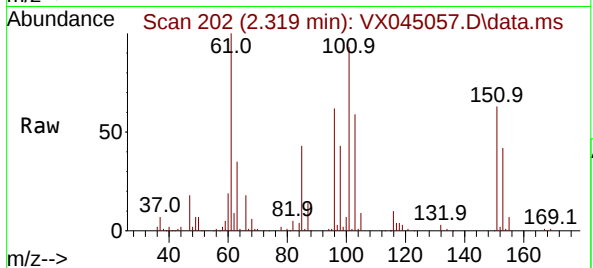
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.650 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX045057.D
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Tgt Ion:101 Resp: 69018
Ion Ratio Lower Upper
101 100
85 45.5 35.7 53.5
151 70.3 56.0 84.0

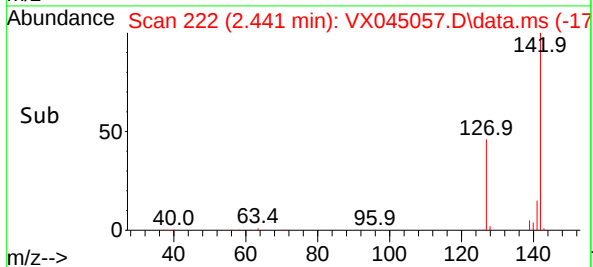
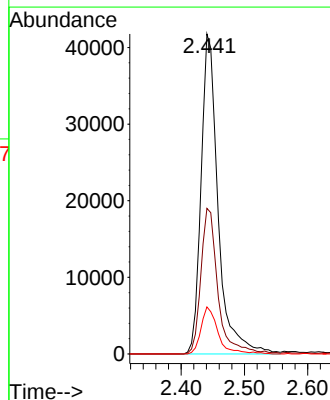
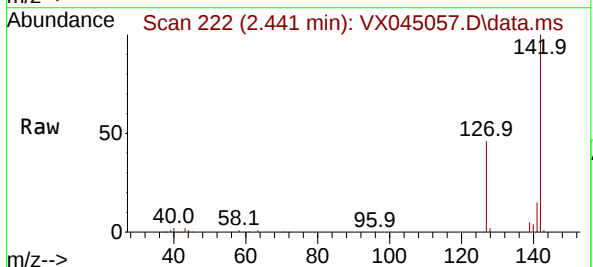
Manual Integrations
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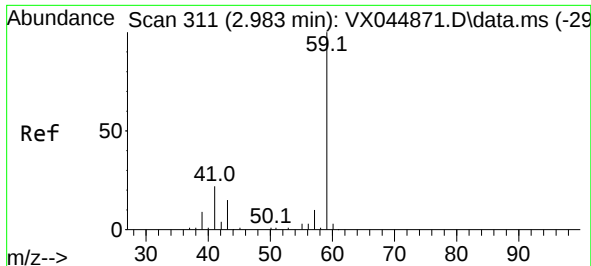
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#10
Methyl Iodide
Concen: 45.309 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Tgt Ion:142 Resp: 78467
Ion Ratio Lower Upper
142 100
127 45.6 34.3 51.5
141 14.7 11.4 17.2





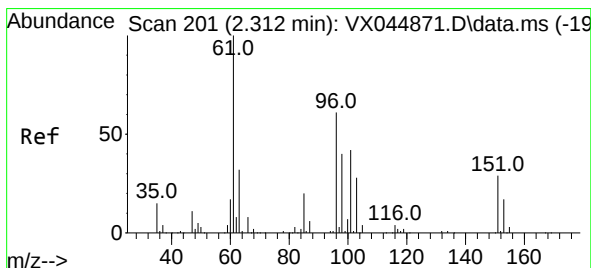
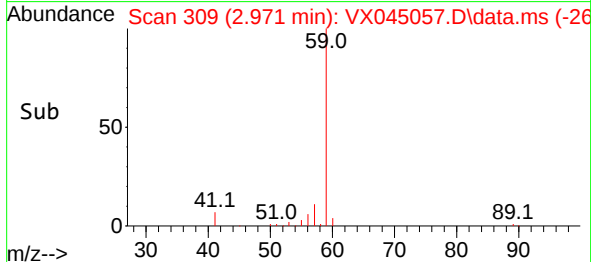
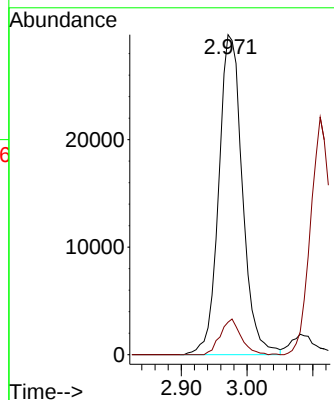
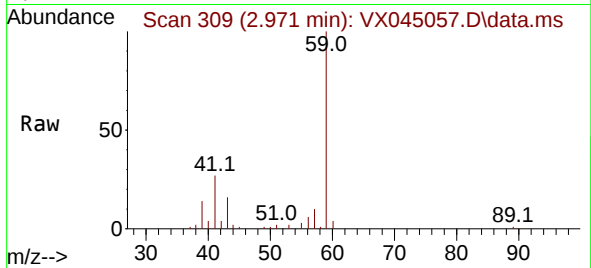
#11
Tert butyl alcohol
Concen: 259.292 ug/l
RT: 2.971 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 7446
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1

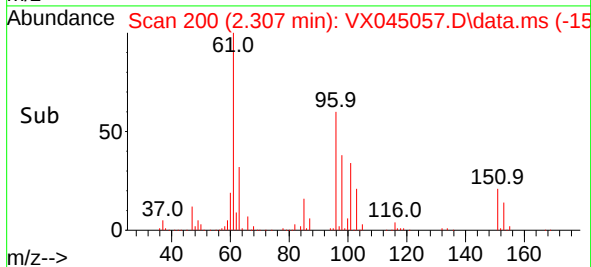
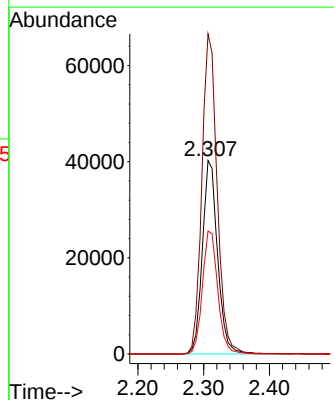
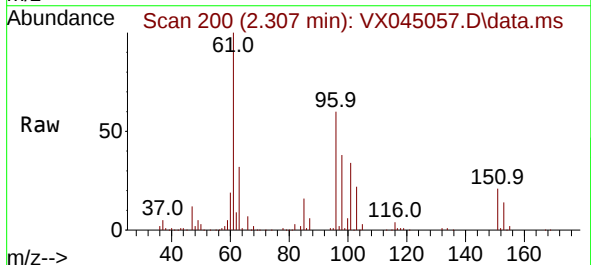
Manual Integrations
APPROVED

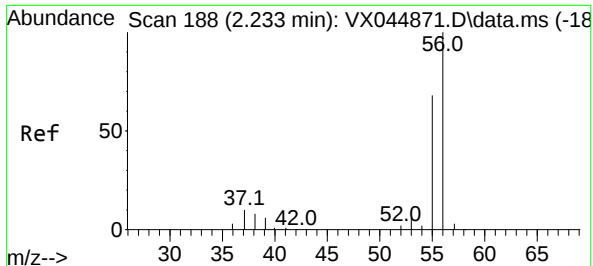
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#12
1,1-Dichloroethene
Concen: 47.378 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

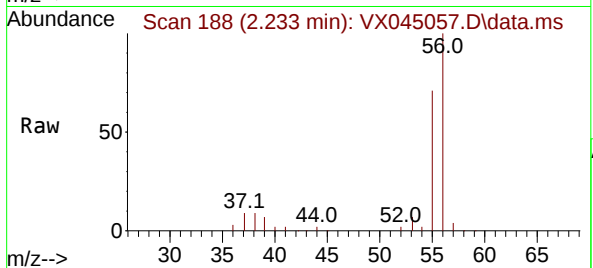
Tgt Ion: 96 Resp: 64580
Ion Ratio Lower Upper
96 100
61 165.4 130.2 195.4
98 63.5 52.2 78.4





#13
Acrolein
Concen: 295.258 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

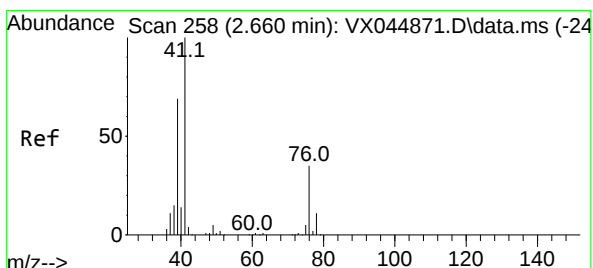
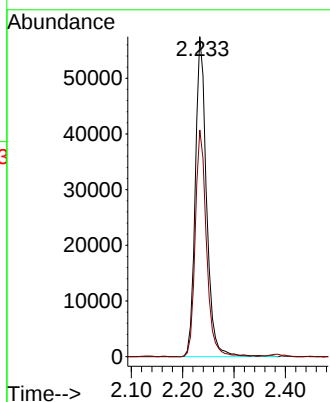
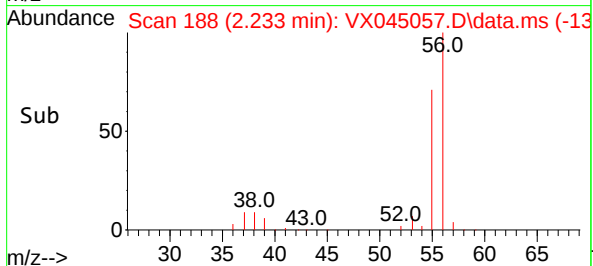
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 87480
Ion Ratio Lower Upper
56 100
55 70.8 55.7 83.5

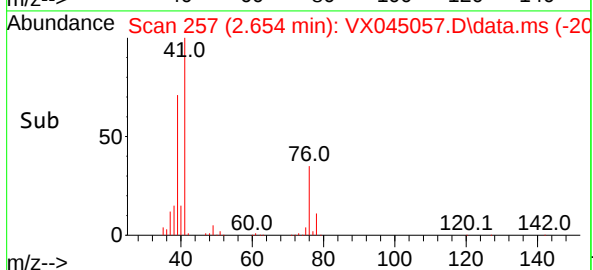
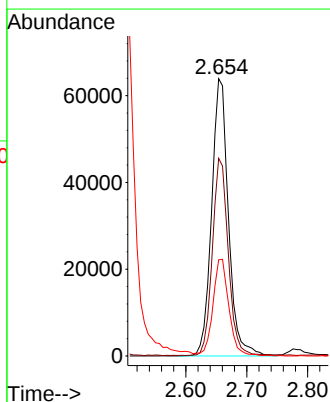
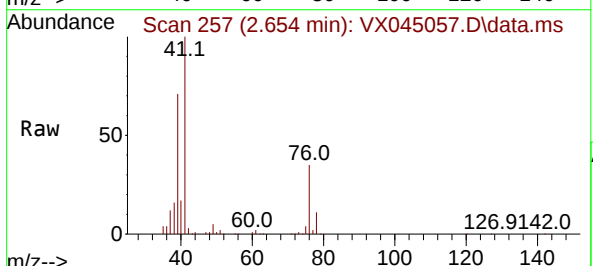
Manual Integrations
APPROVED

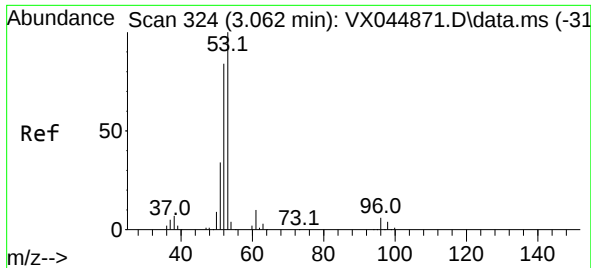
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#14
Allyl chloride
Concen: 49.801 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

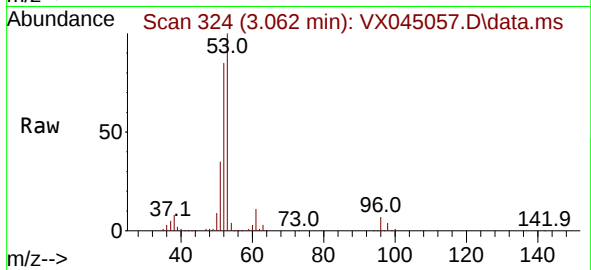
Tgt Ion: 41 Resp: 122681
Ion Ratio Lower Upper
41 100
39 66.8 51.4 77.2
76 33.1 27.0 40.4





#15
Acrylonitrile
Concen: 287.514 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

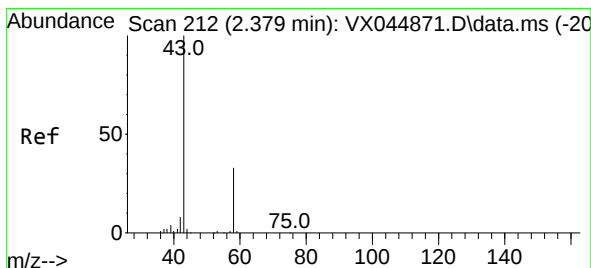
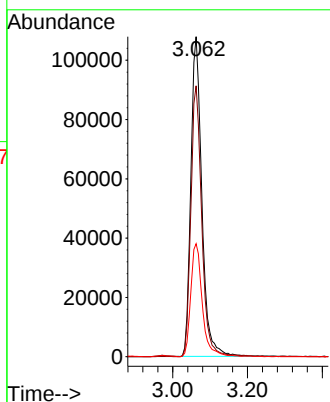
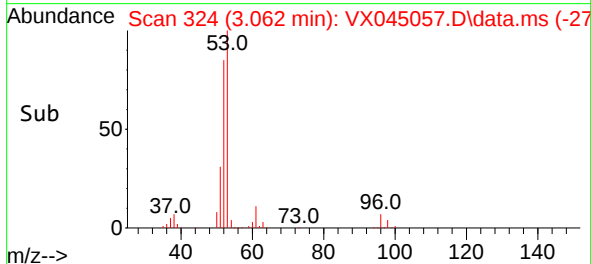
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 220460
Ion Ratio Lower Upper
53 100
52 83.9 65.0 97.6
51 37.0 28.0 42.0

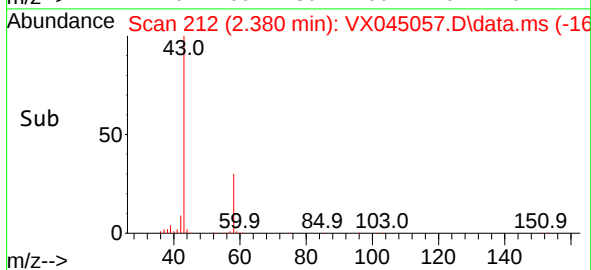
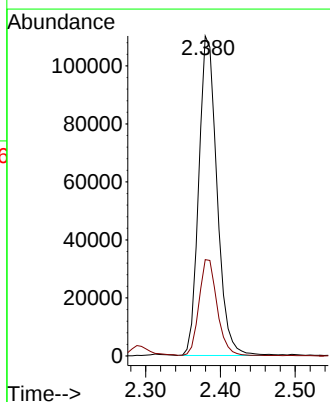
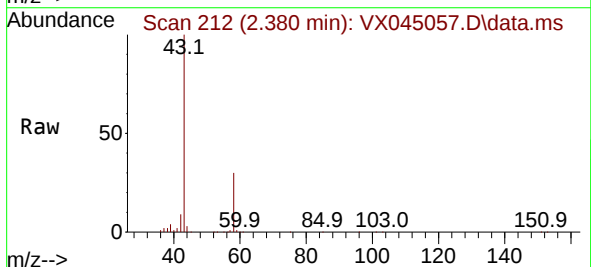
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#16
Acetone
Concen: 299.038 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Tgt Ion: 43 Resp: 186098
Ion Ratio Lower Upper
43 100
58 30.0 26.5 39.7





#17

Carbon Disulfide

Concen: 40.708 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 15215

Ion Ratio Lower Upper

76 100

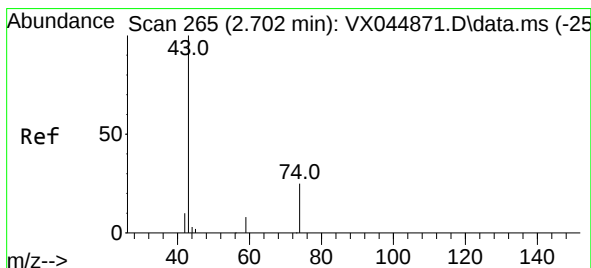
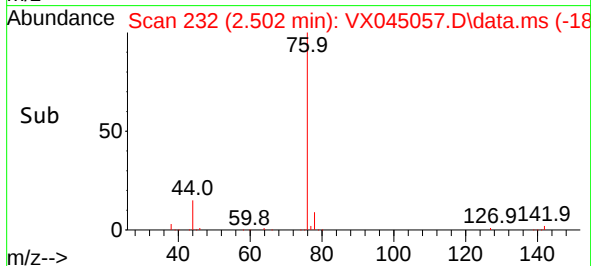
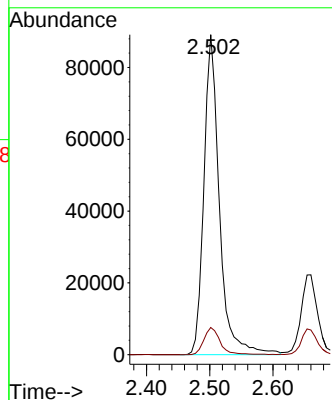
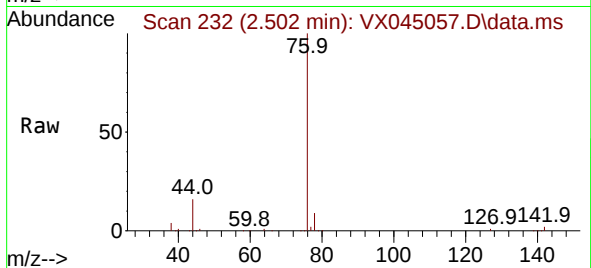
78 8.5 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#18

Methyl Acetate

Concen: 65.718 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX045057.D

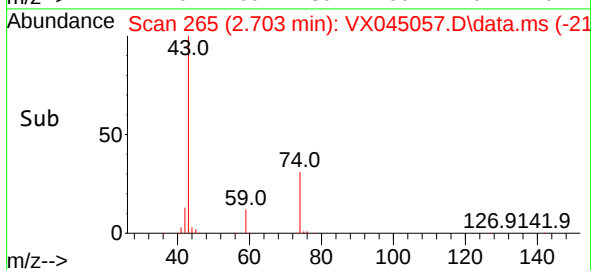
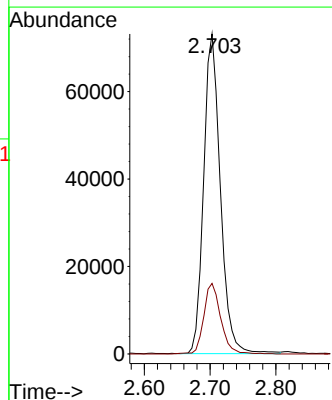
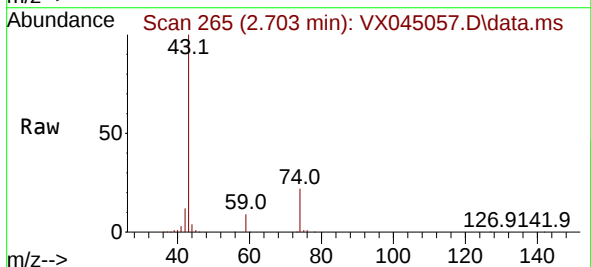
Acq: 27 Feb 2025 10:07

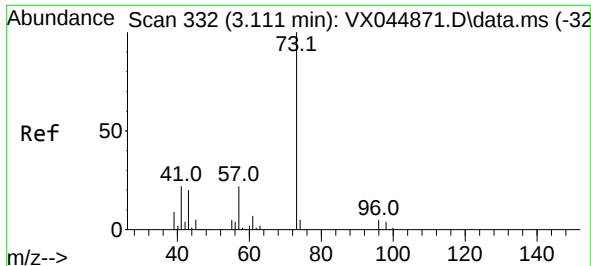
Tgt Ion: 43 Resp: 129058

Ion Ratio Lower Upper

43 100

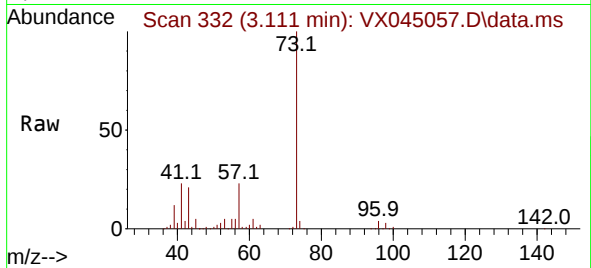
74 22.5 18.9 28.3





#19
Methyl tert-butyl Ether
Concen: 50.678 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

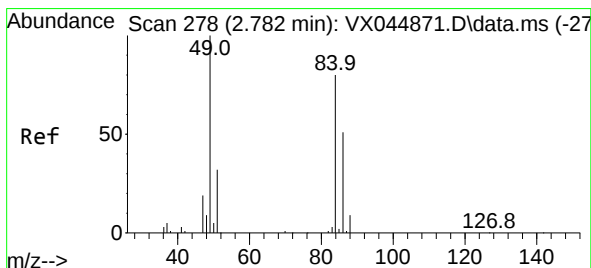
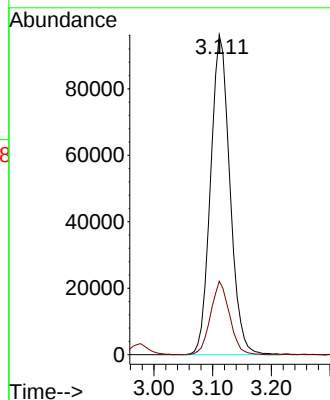
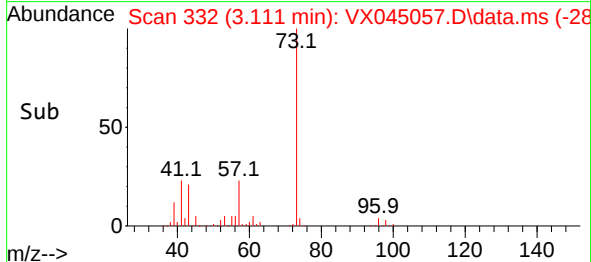
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 21978
Ion Ratio Lower Upper
73 100
57 23.0 17.9 26.9

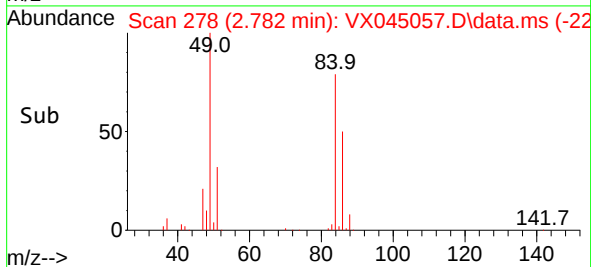
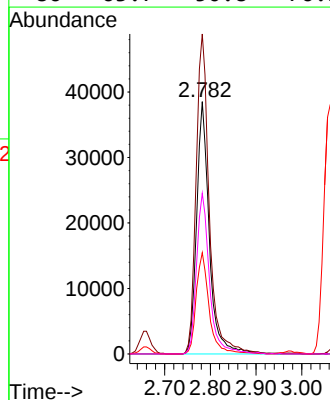
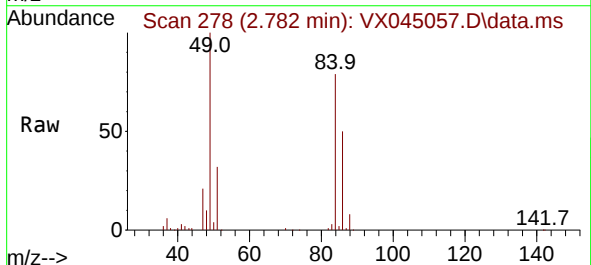
Manual Integrations
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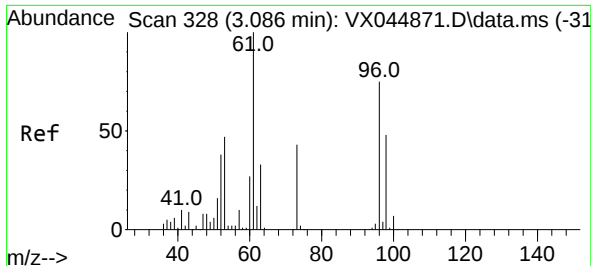
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#20
Methylene Chloride
Concen: 48.828 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

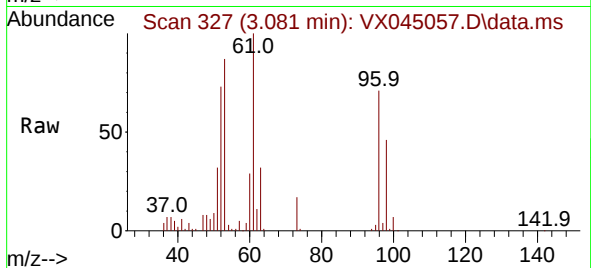
Tgt Ion: 84 Resp: 74430
Ion Ratio Lower Upper
84 100
49 126.8 100.1 150.1
51 40.1 31.7 47.5
86 63.7 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 47.921 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

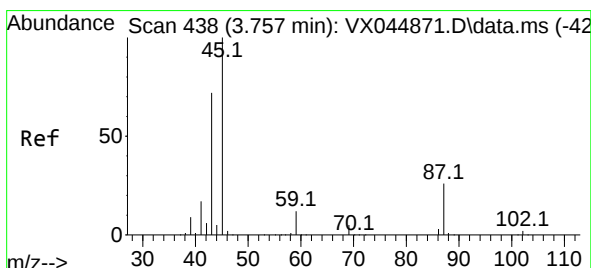
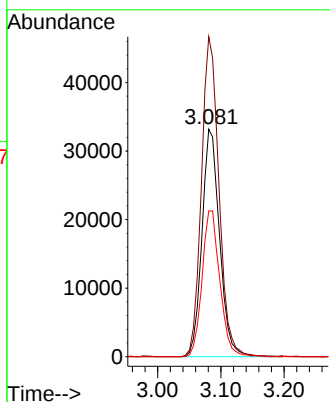
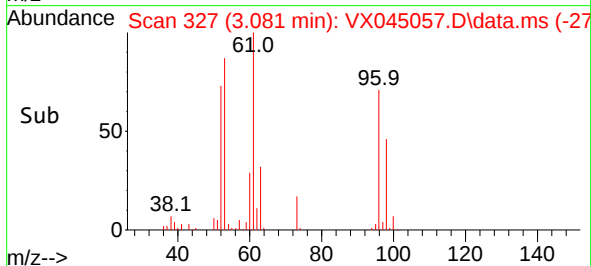
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 6428
Ion Ratio Lower Upper
96 100
61 140.6 106.0 159.0
98 64.1 50.6 76.0

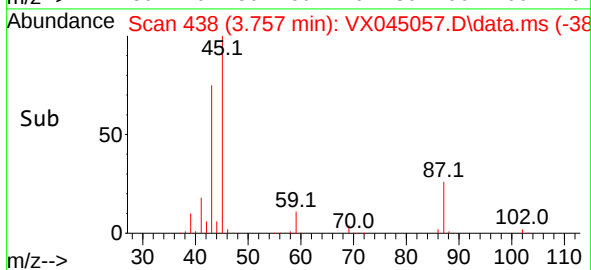
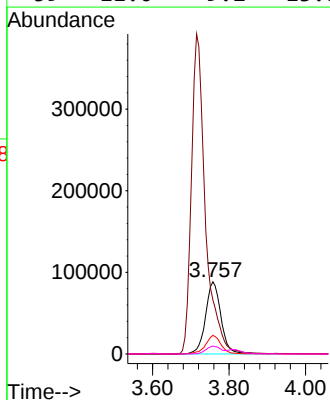
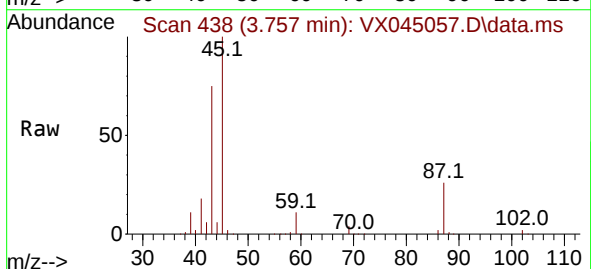
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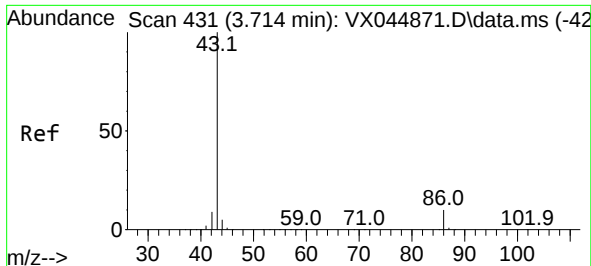
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#22
Diisopropyl ether
Concen: 53.065 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Tgt Ion: 45 Resp: 247311
Ion Ratio Lower Upper
45 100
43 74.5 58.0 87.0
87 25.8 20.7 31.1
59 11.0 9.2 13.8





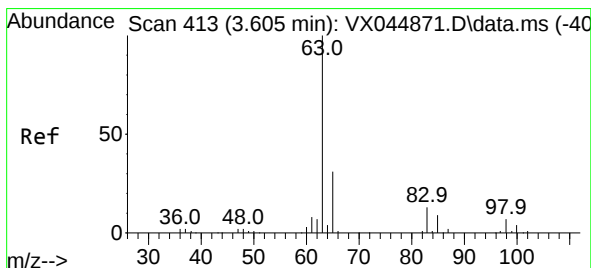
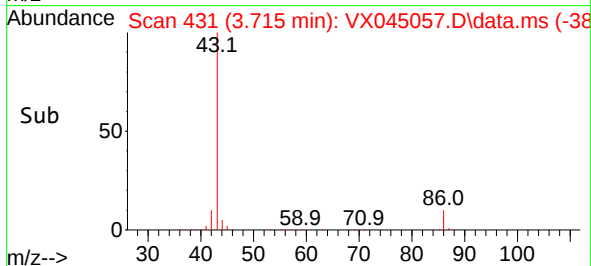
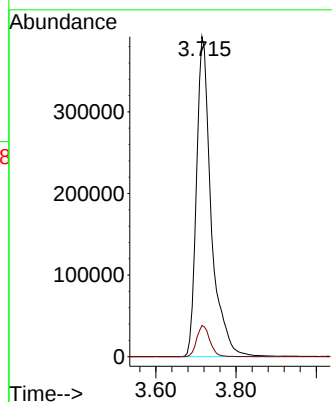
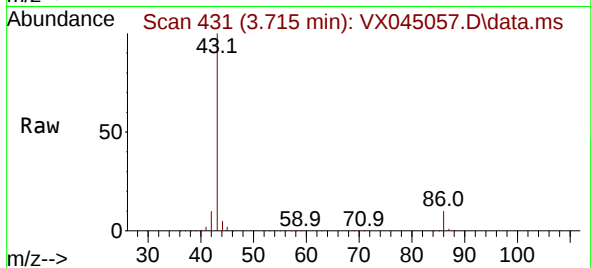
#23
 Vinyl Acetate
 Concen: 262.825 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045057.D
 Acq: 27 Feb 2025 10:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 99860
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.3 12.5

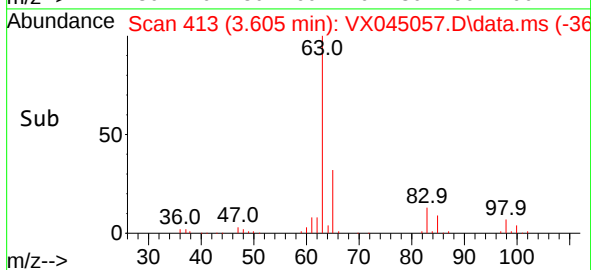
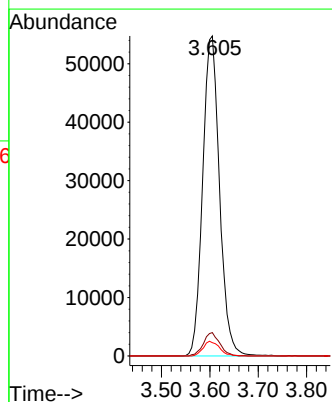
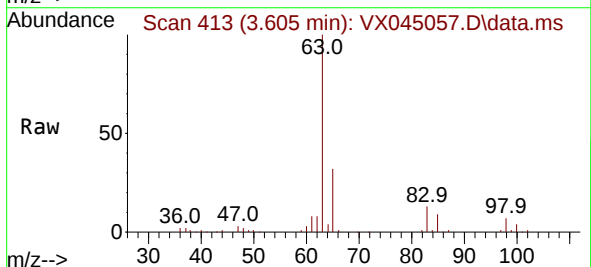
Manual Integrations
 APPROVED

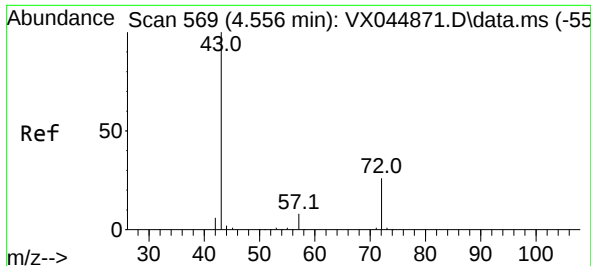
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025



#24
 1,1-Dichloroethane
 Concen: 50.780 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045057.D
 Acq: 27 Feb 2025 10:07

Tgt Ion: 63 Resp: 132419
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.2 2.1 6.5





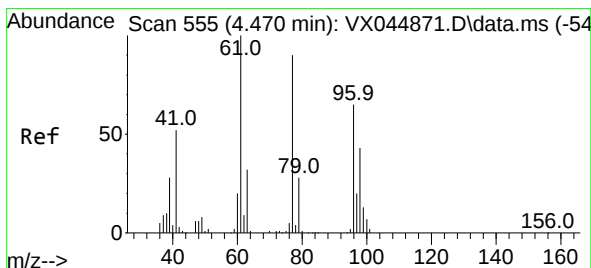
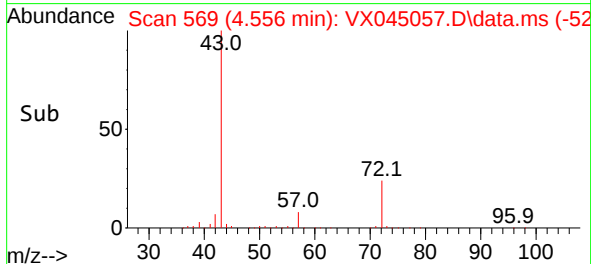
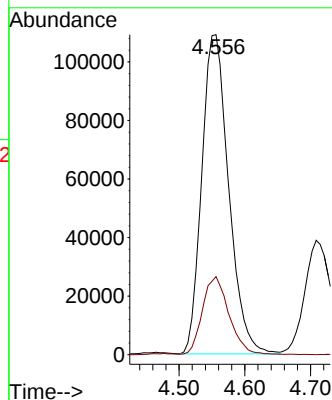
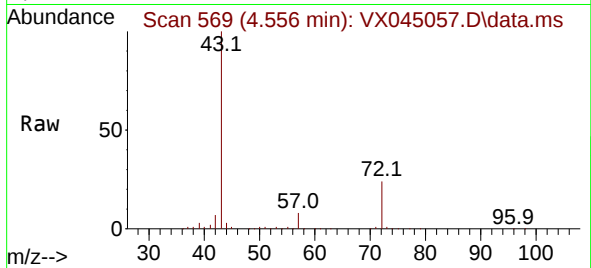
#25
2-Butanone
Concen: 306.853 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 31008
Ion Ratio Lower Upper
43 100
72 24.3 21.2 31.8

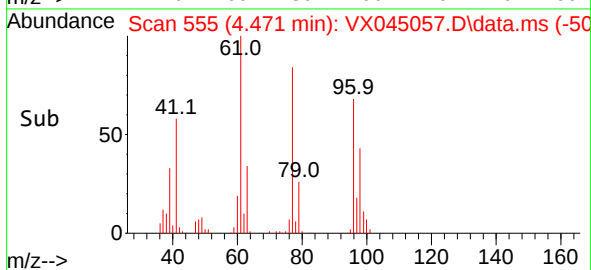
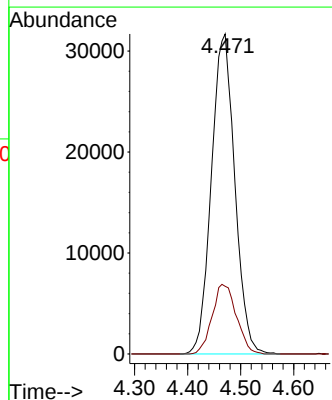
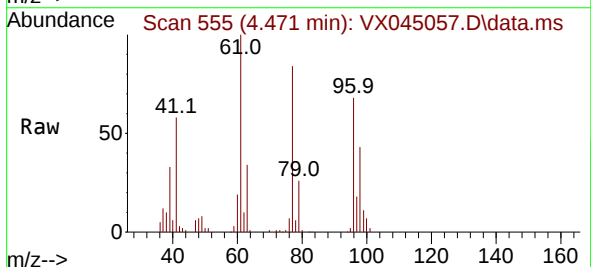
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#26
2,2-Dichloropropane
Concen: 46.962 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Tgt Ion: 77 Resp: 97118
Ion Ratio Lower Upper
77 100
97 22.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 50.262 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

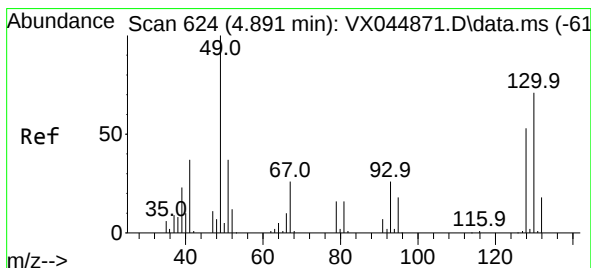
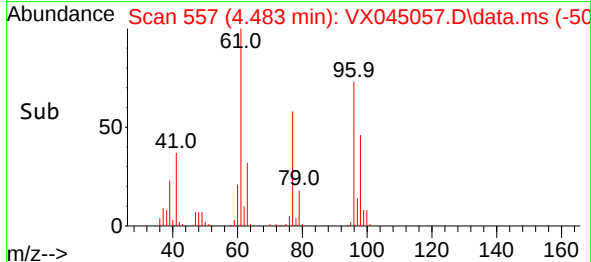
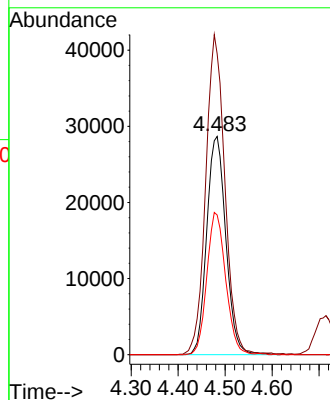
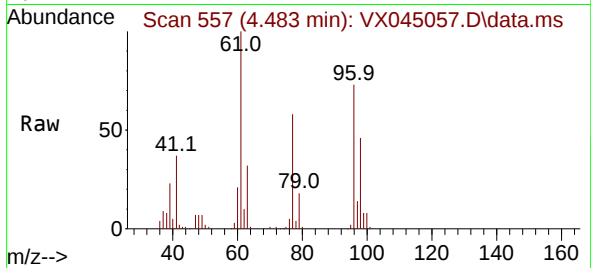
Tgt Ion: 96	Resp: 80994
Ion Ratio	Lower Upper
96 100	
61 146.6	0.0 294.0
98 64.1	0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#28

Bromochloromethane

Concen: 48.665 ug/l

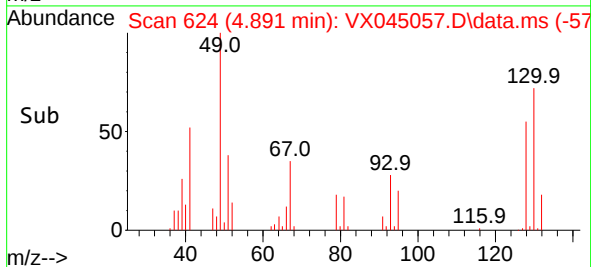
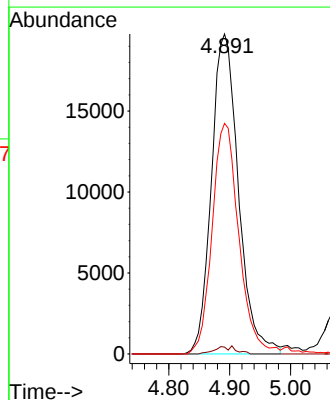
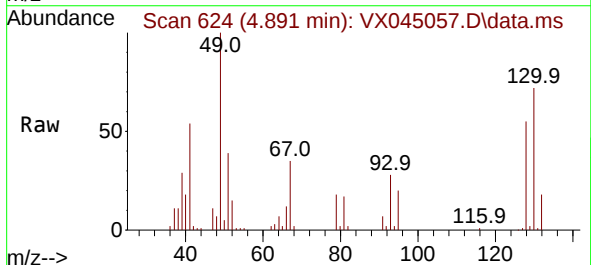
RT: 4.891 min Scan# 624

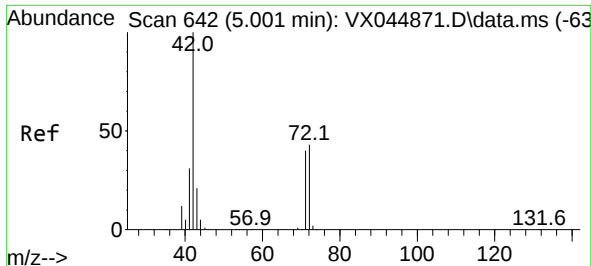
Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

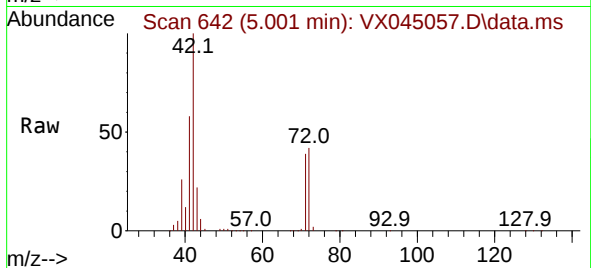
Tgt Ion: 49	Resp: 60987
Ion Ratio	Lower Upper
49 100	
129 1.8	0.0 3.6
130 70.9	56.7 85.1





#29
Tetrahydrofuran
Concen: 298.538 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

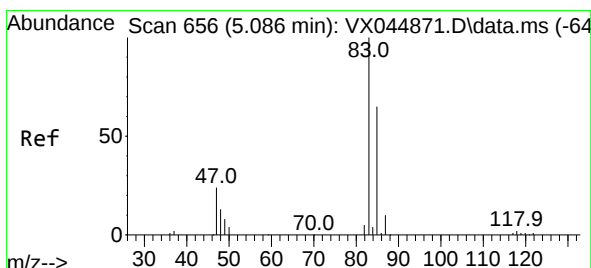
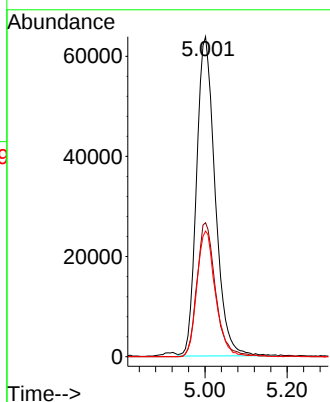
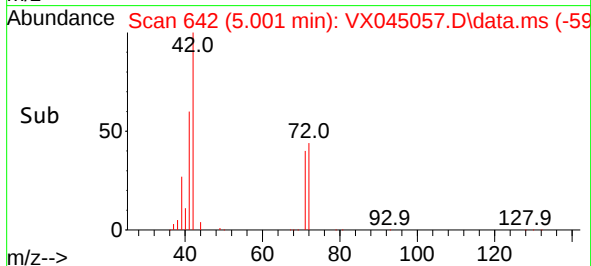
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



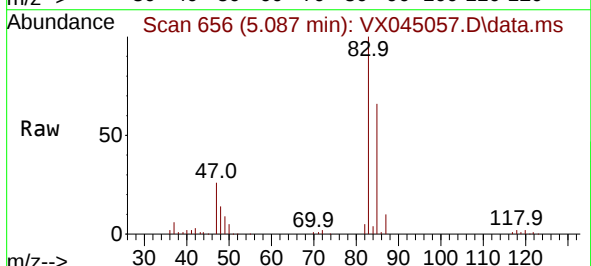
Tgt Ion: 42 Resp: 200325
Ion Ratio Lower Upper
42 100
72 42.0 35.0 52.4
71 39.1 32.6 48.8

Manual Integrations
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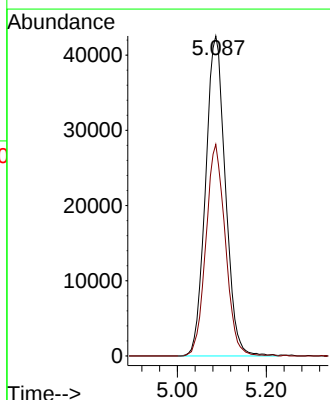
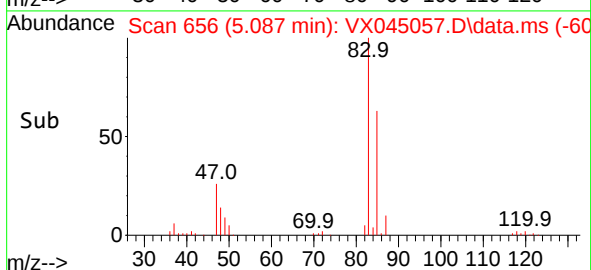
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

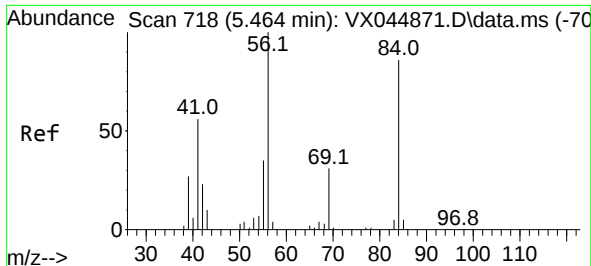


#30
Chloroform
Concen: 52.120 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07



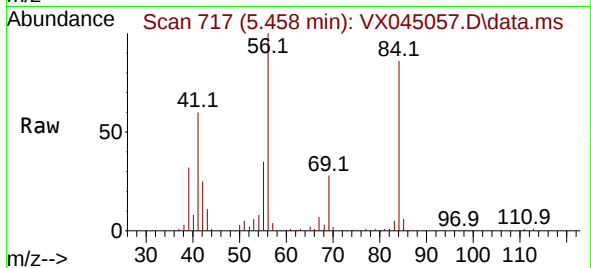
Tgt Ion: 83 Resp: 131808
Ion Ratio Lower Upper
83 100
85 66.1 52.1 78.1





#31
Cyclohexane
Concen: 46.105 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

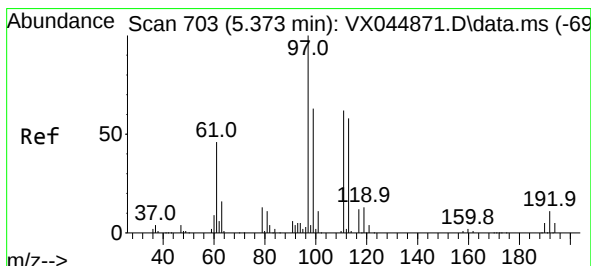
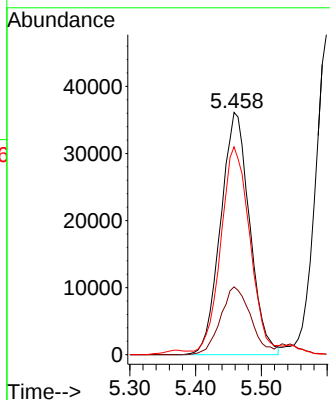
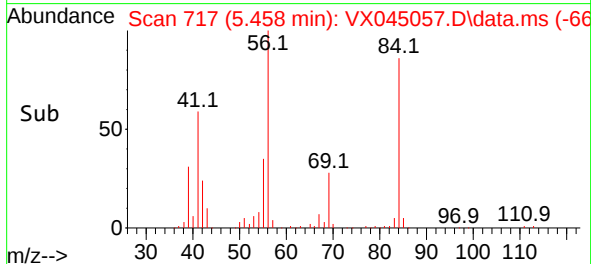
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 110840
Ion Ratio Lower Upper
56 100
69 28.0 24.4 36.6
84 84.0 69.0 103.6

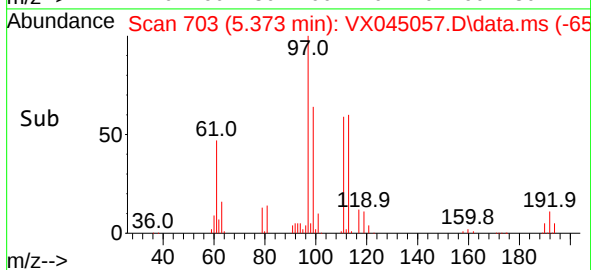
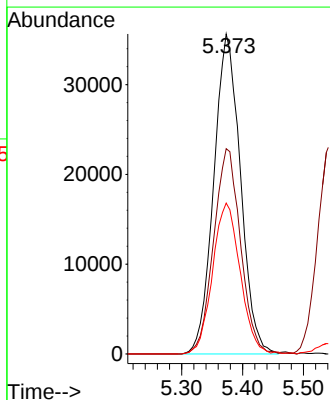
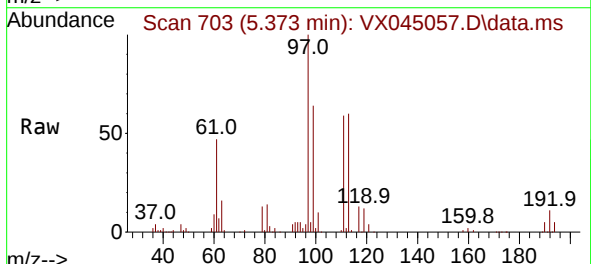
Manual Integrations
APPROVED

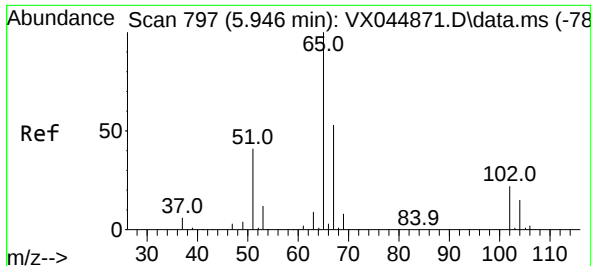
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#32
1,1,1-Trichloroethane
Concen: 50.592 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Tgt Ion: 97 Resp: 108523
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 48.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 51.595 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7987

Ion Ratio Lower Upper

65 100

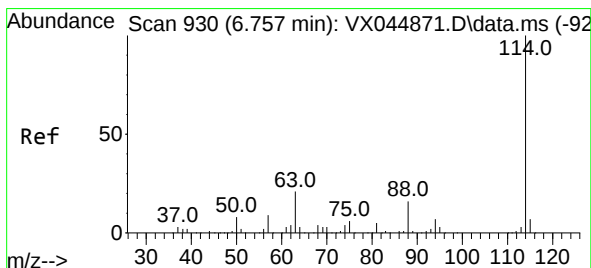
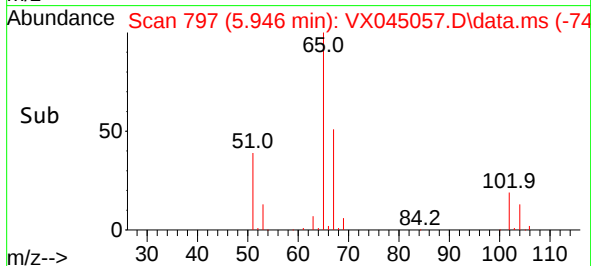
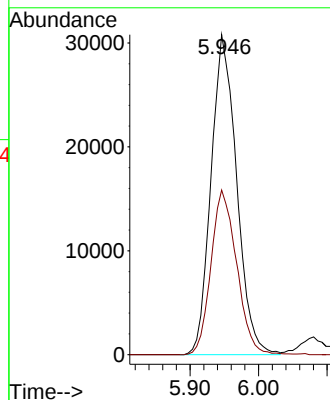
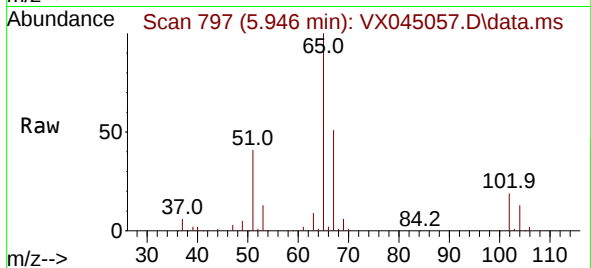
67 51.7 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

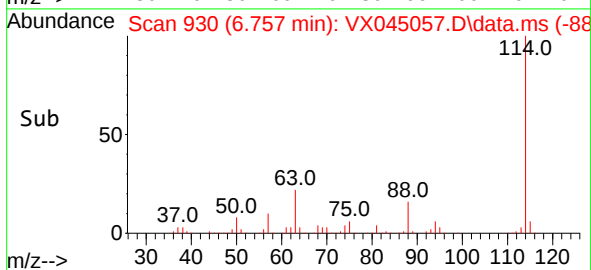
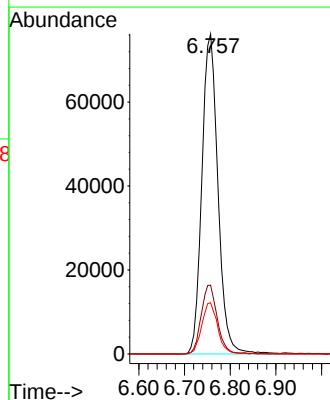
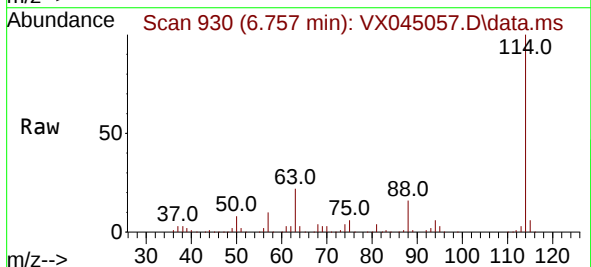
Tgt Ion:114 Resp: 185667

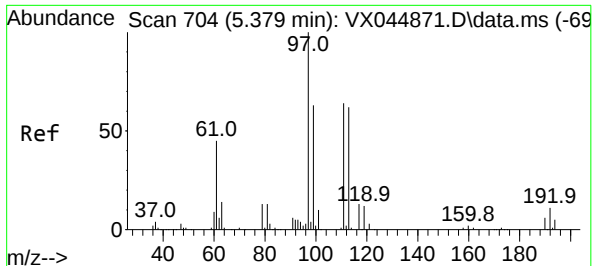
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.4

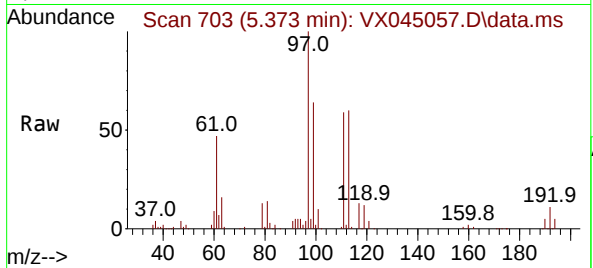
88 16.0 0.0 31.4





#35
Dibromofluoromethane
Concen: 52.981 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

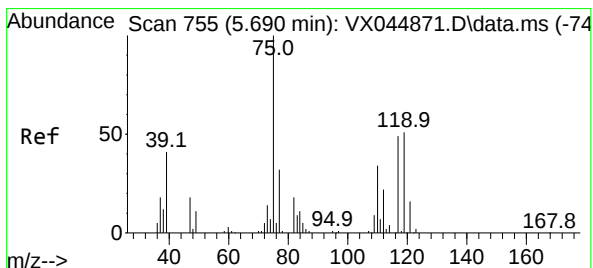
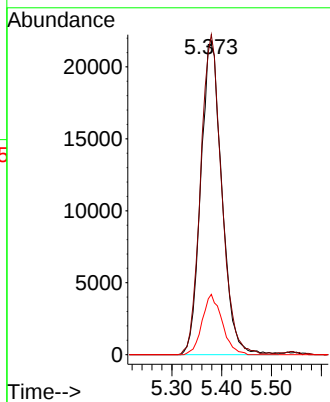
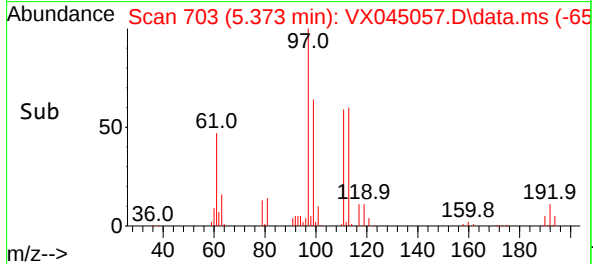
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 63950
Ion Ratio Lower Upper
113 100
111 101.7 83.5 125.3
192 18.2 14.4 21.6

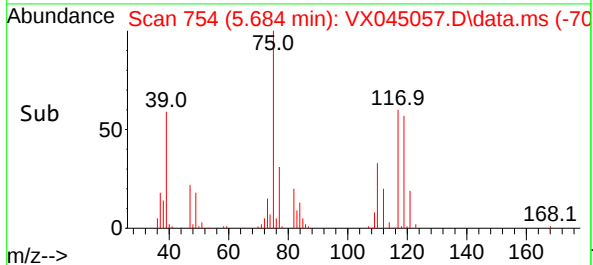
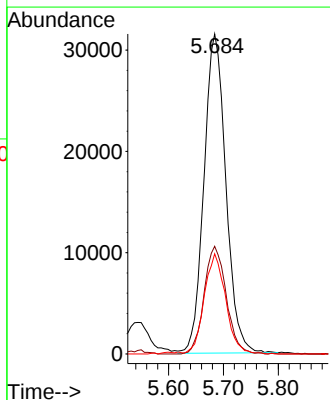
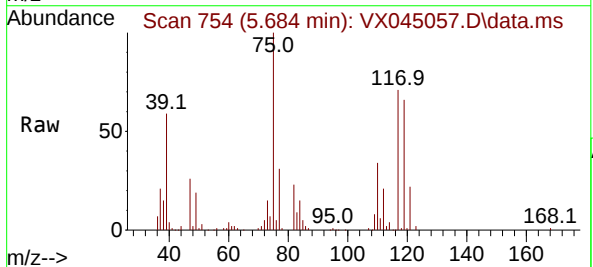
Manual Integrations
APPROVED

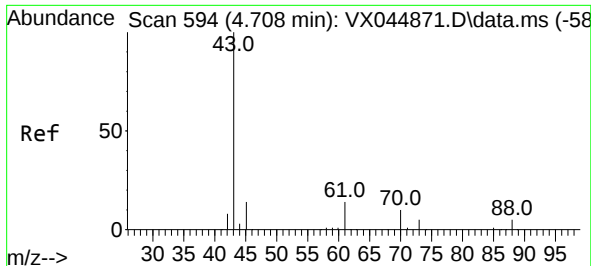
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#36
1,1-Dichloropropene
Concen: 50.212 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

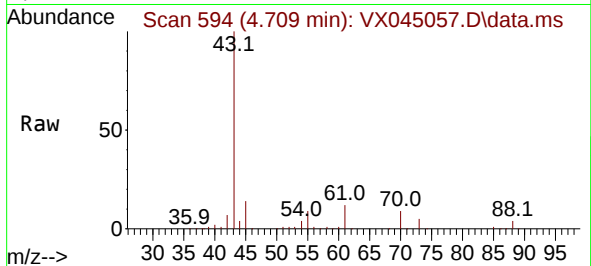
Tgt Ion: 75 Resp: 87448
Ion Ratio Lower Upper
75 100
110 34.1 17.2 51.6
77 30.8 24.6 37.0





#37
Ethyl Acetate
Concen: 57.431 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

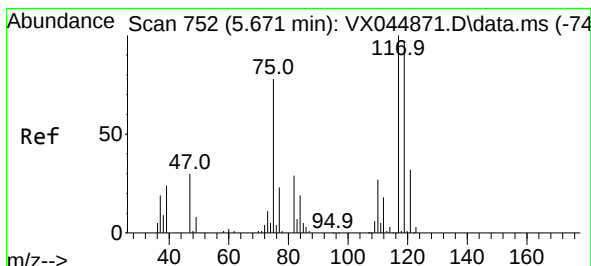
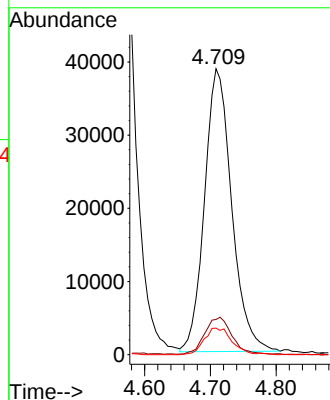
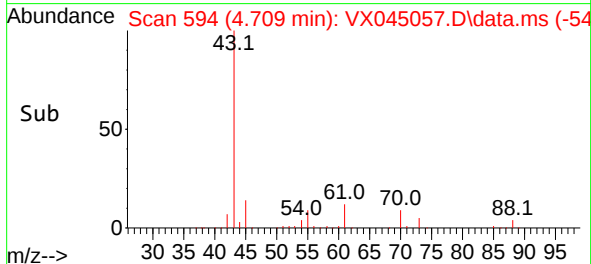
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 111252
Ion Ratio Lower Upper
43 100
61 13.5 11.0 16.4
70 9.5 8.2 12.2

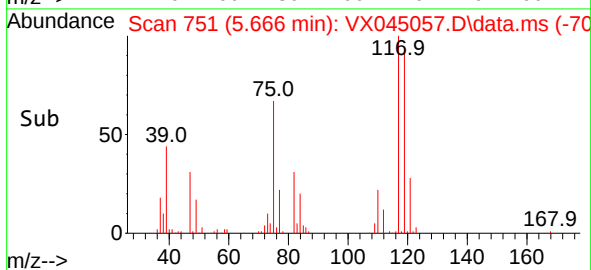
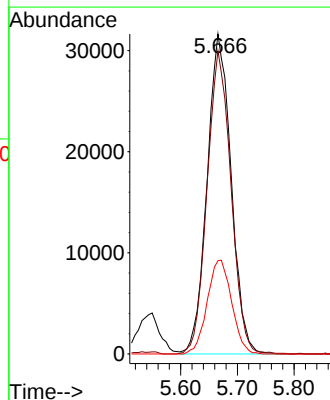
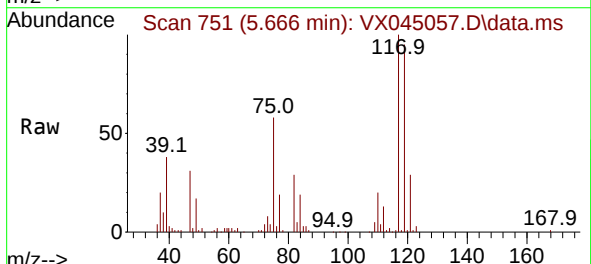
Manual Integrations
APPROVED

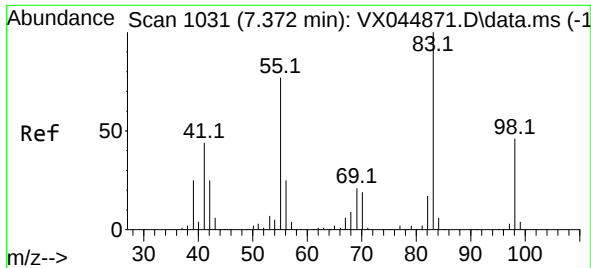
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#38
Carbon Tetrachloride
Concen: 54.680 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

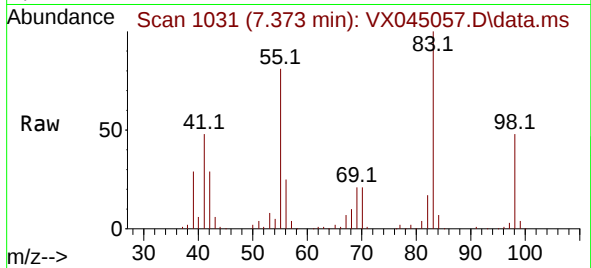
Tgt Ion:117 Resp: 93320
Ion Ratio Lower Upper
117 100
119 94.5 77.5 116.3
121 29.2 25.6 38.4





#39
Methylcyclohexane
Concen: 50.478 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

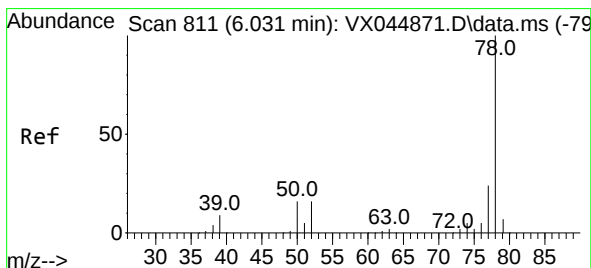
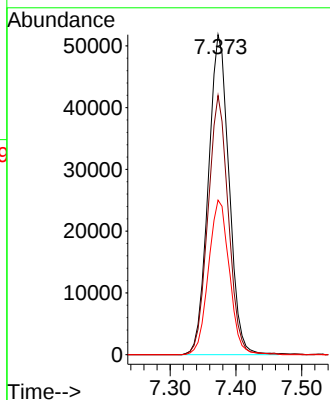
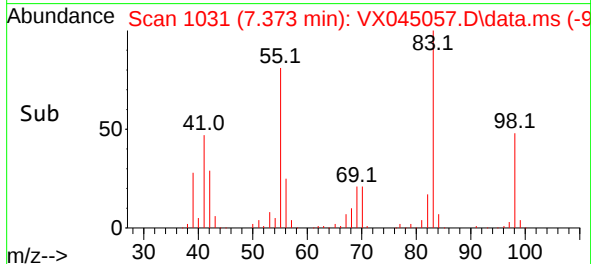
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



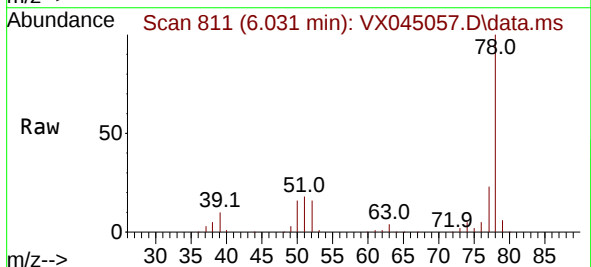
Tgt Ion: 83 Resp: 11365
Ion Ratio Lower Upper
83 100
55 81.0 61.3 91.9
98 48.3 37.0 55.6

Manual Integrations
APPROVED

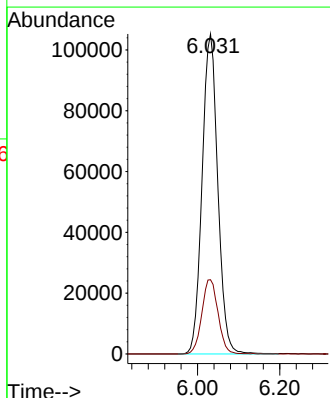
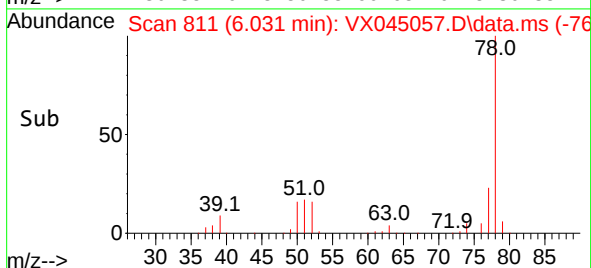
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#40
Benzene
Concen: 51.249 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07



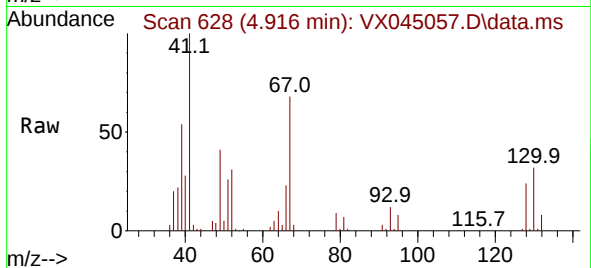
Tgt Ion: 78 Resp: 278703
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 63.190 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

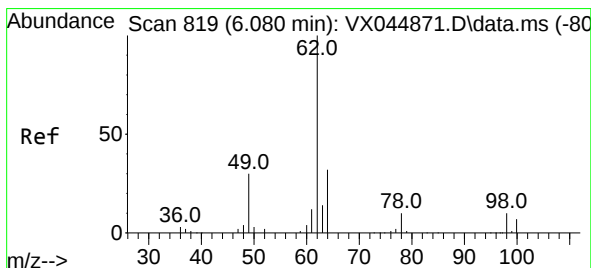
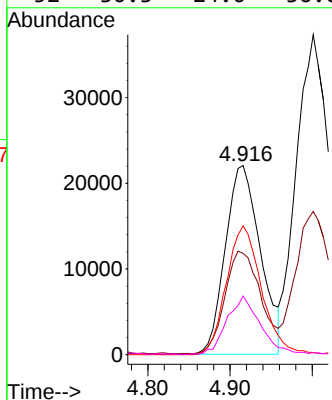
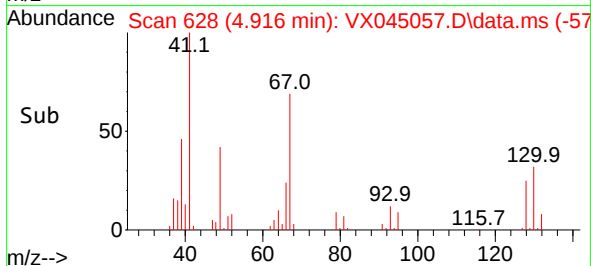
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 65520
Ion Ratio Lower Upper
41 100
39 56.2 43.1 64.7
67 68.1 57.0 85.6
52 30.3 24.0 36.0

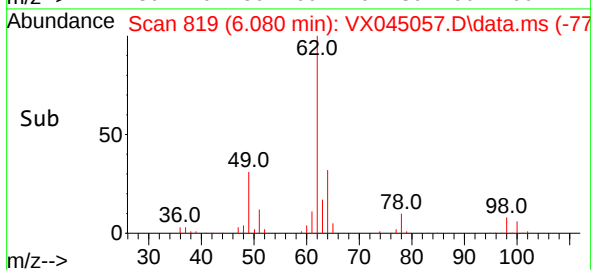
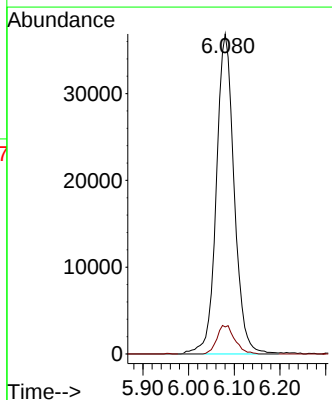
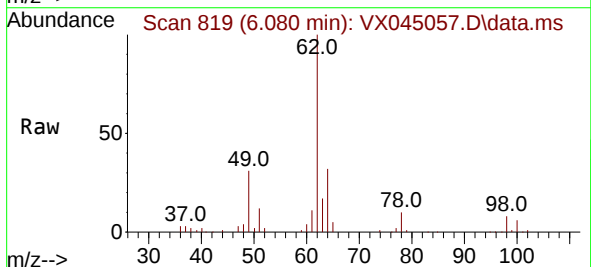
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#42
1,2-Dichloroethane
Concen: 57.692 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

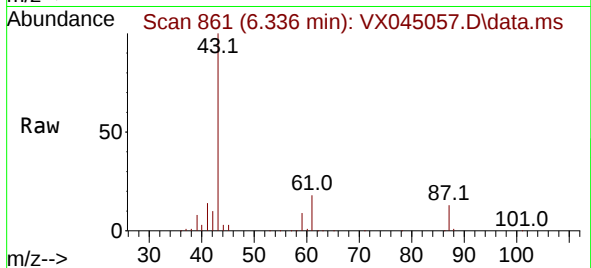
Tgt Ion: 62 Resp: 99993
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 57.370 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

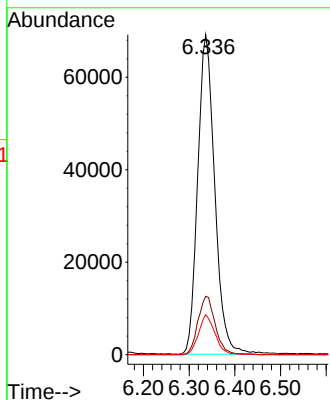
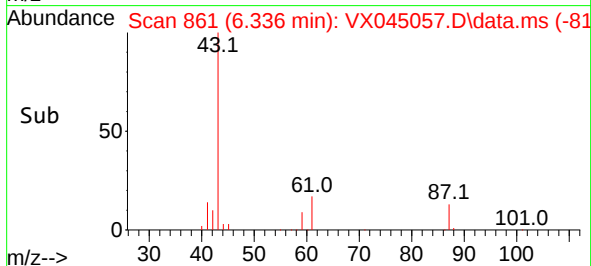
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 17946
Ion Ratio Lower Upper
43 100
61 18.6 15.8 23.8
87 12.0 10.0 15.0

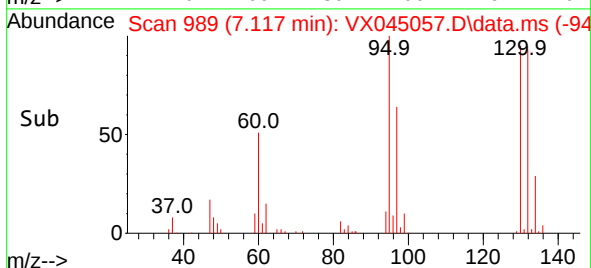
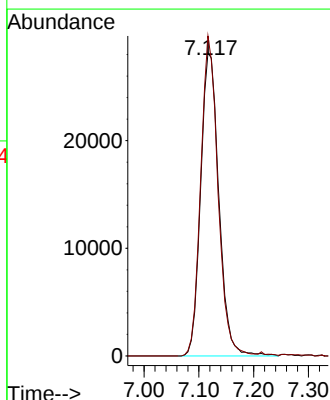
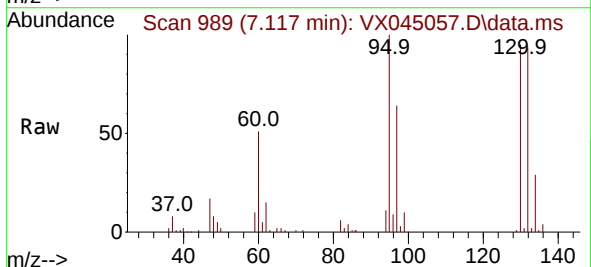
Manual Integrations
APPROVED

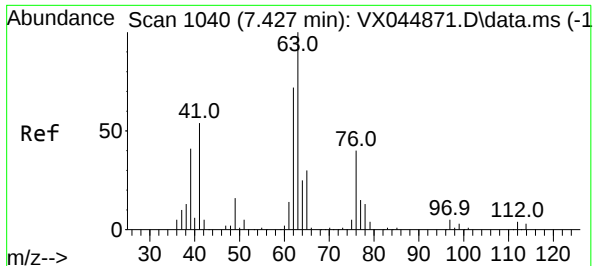
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#44
Trichloroethene
Concen: 52.265 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Tgt Ion:130 Resp: 64968
Ion Ratio Lower Upper
130 100
95 105.6 0.0 202.4





#45

1,2-Dichloropropane

Concen: 52.665 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7125

Ion Ratio Lower Upper

63 100

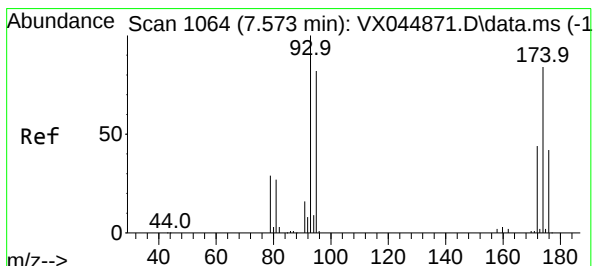
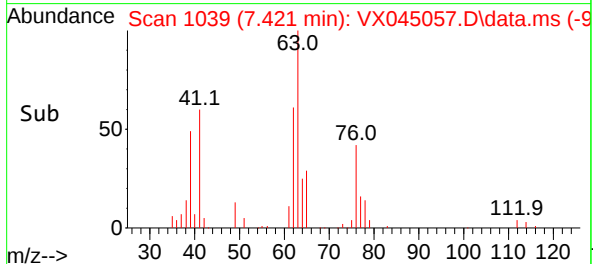
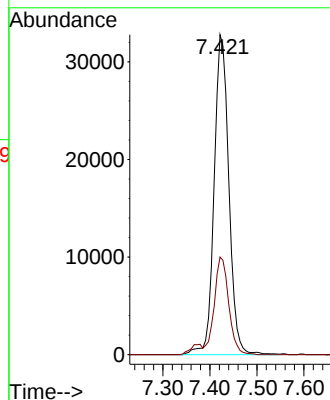
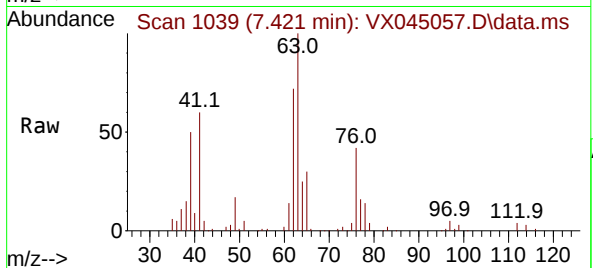
65 30.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#46

Dibromomethane

Concen: 55.018 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

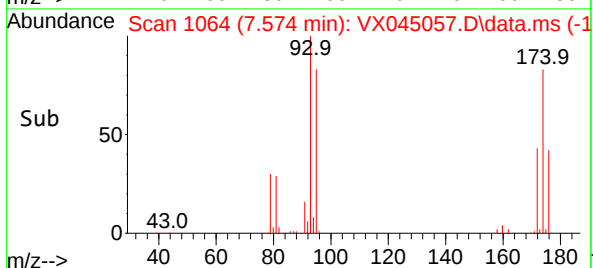
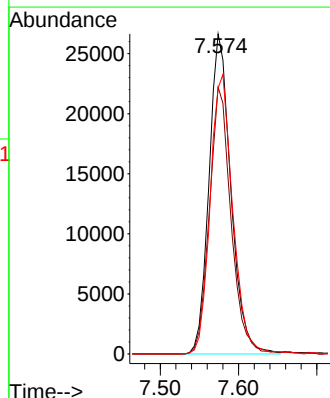
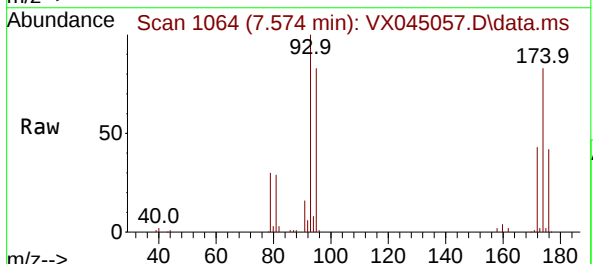
Tgt Ion: 93 Resp: 51622

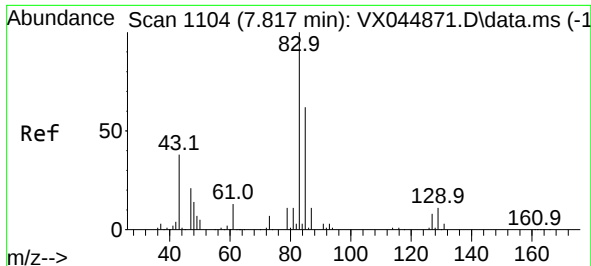
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

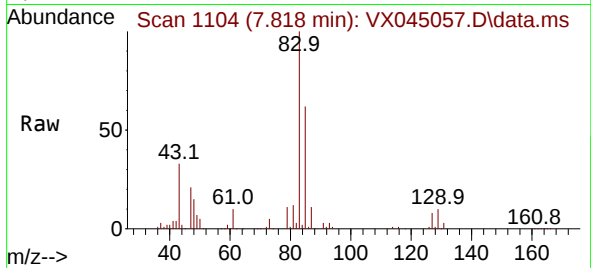
174 90.1 69.9 104.9





#47
Bromodichloromethane
Concen: 56.901 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

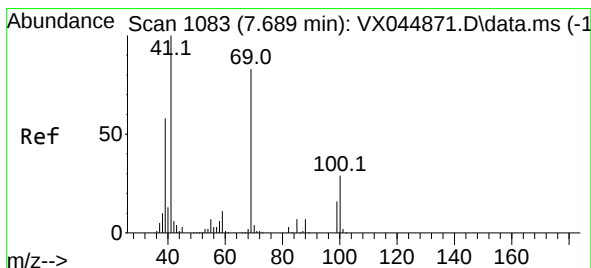
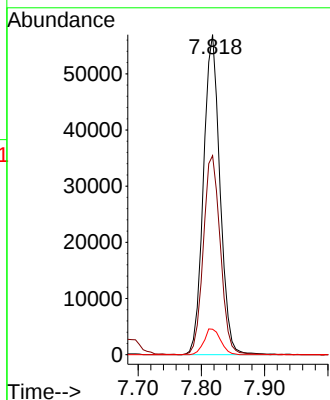
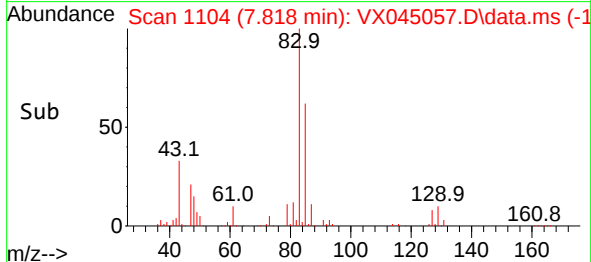
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 103370
Ion Ratio Lower Upper
83 100
85 62.2 50.0 75.0
127 7.9 6.4 9.6

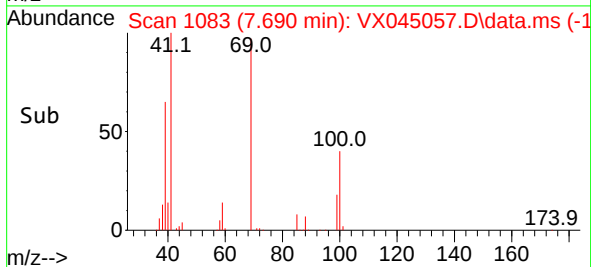
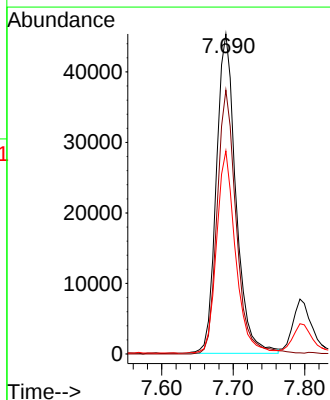
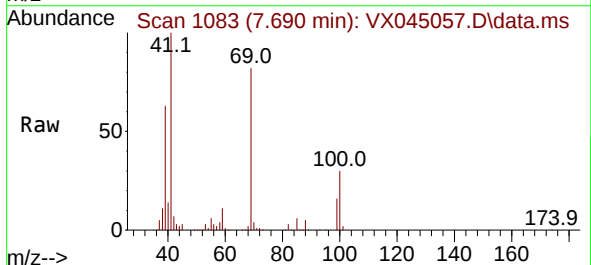
Manual Integrations
APPROVED

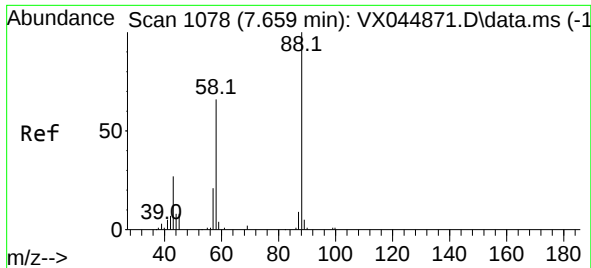
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#48
Methyl methacrylate
Concen: 58.415 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

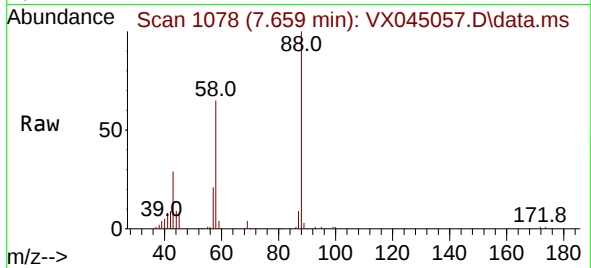
Tgt Ion: 41 Resp: 86161
Ion Ratio Lower Upper
41 100
69 80.6 65.8 98.8
39 61.3 46.4 69.6





#49
1,4-Dioxane
Concen: 1109.165 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

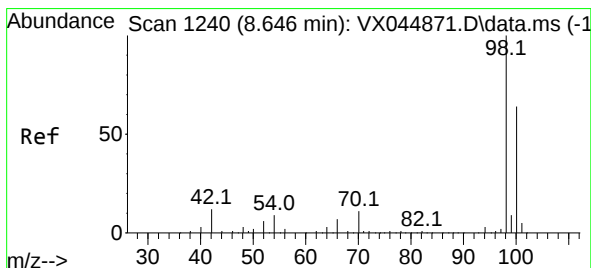
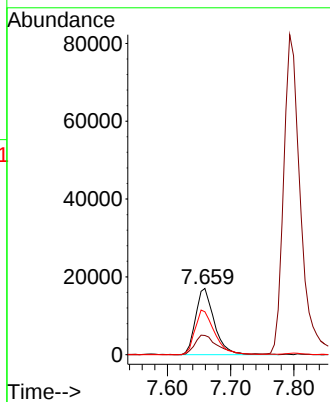
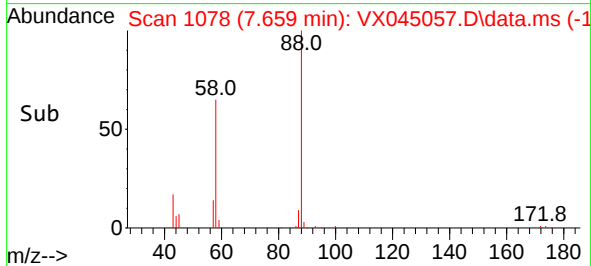
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 35100
Ion Ratio Lower Upper
88 100
43 35.8 26.6 39.8
58 70.3 55.9 83.9

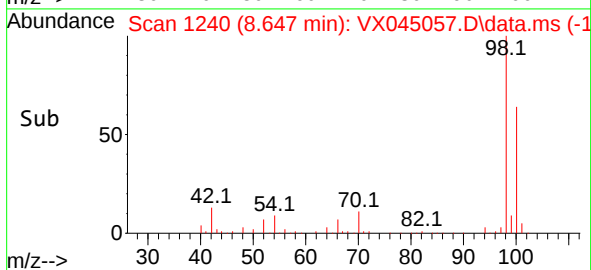
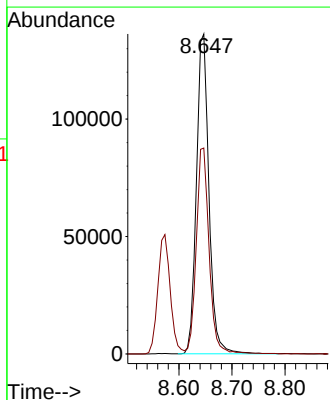
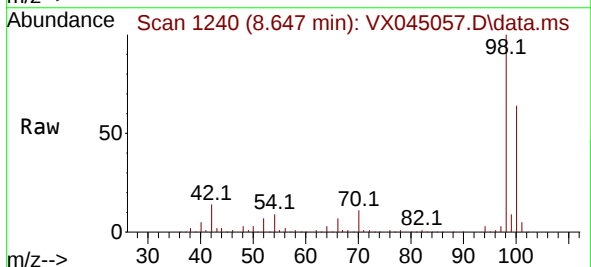
Manual Integrations
APPROVED

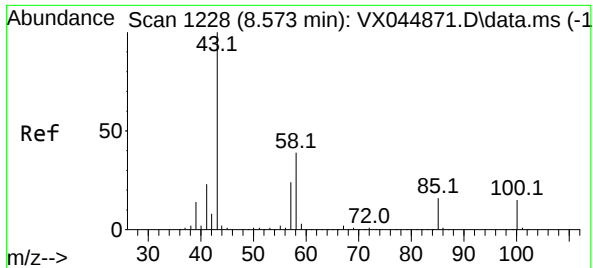
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#50
Toluene-d8
Concen: 48.922 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Tgt Ion: 98 Resp: 223313
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1





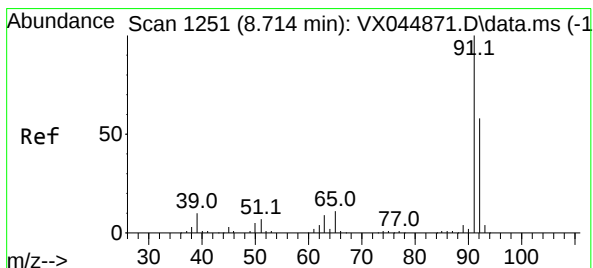
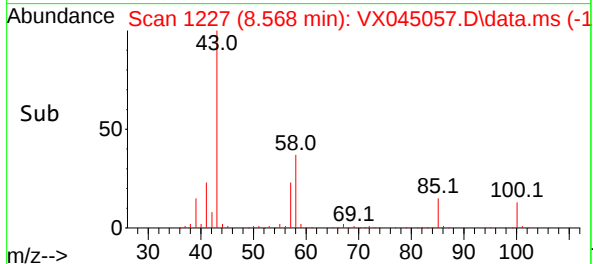
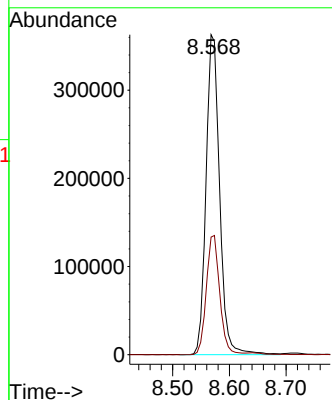
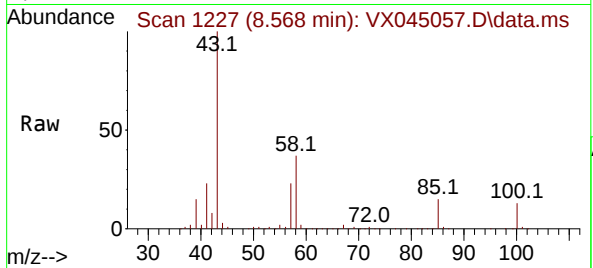
#51
4-Methyl-2-Pentanone
Concen: 317.164 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 603169
Ion Ratio Lower Upper
43 100
58 36.8 30.8 46.2

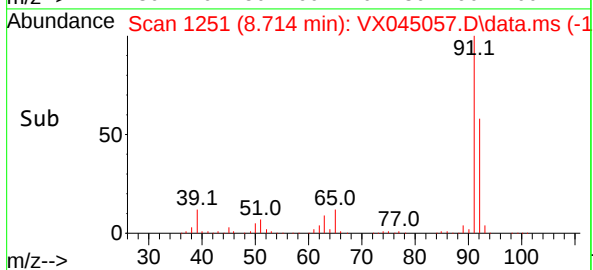
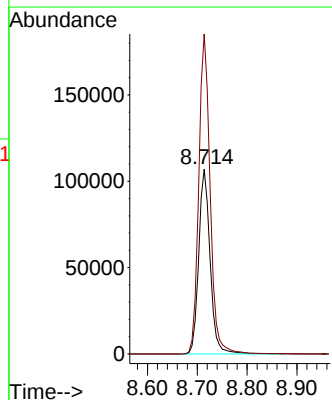
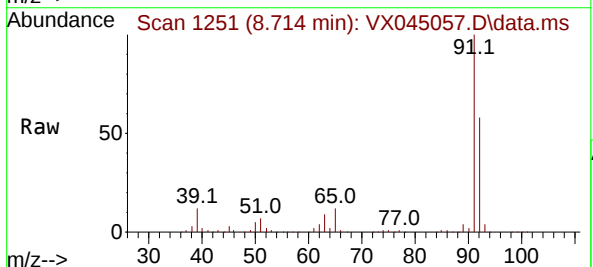
Manual Integrations
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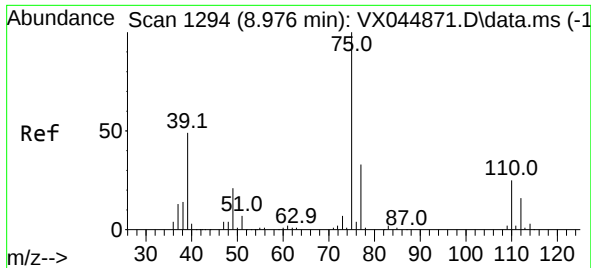
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#52
Toluene
Concen: 52.324 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Tgt Ion: 92 Resp: 169466
Ion Ratio Lower Upper
92 100
91 173.1 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 52.090 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 95760

Ion Ratio Lower Upper

75 100

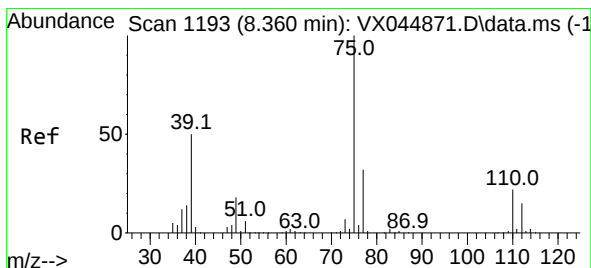
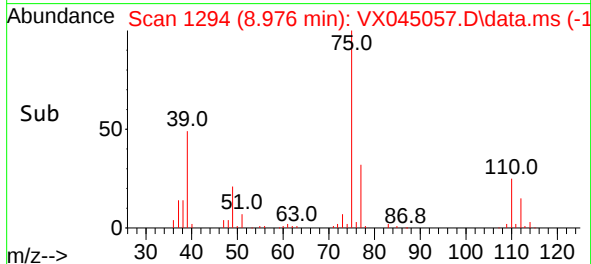
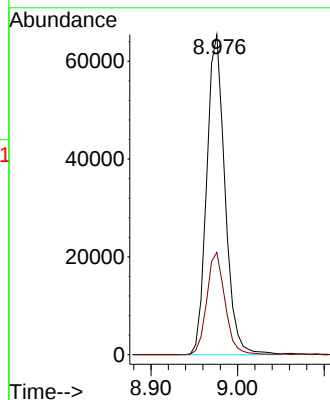
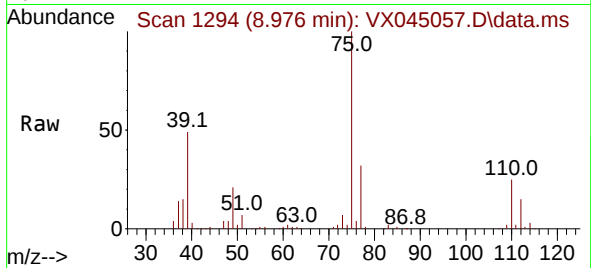
77 31.9 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#54

cis-1,3-Dichloropropene

Concen: 52.518 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

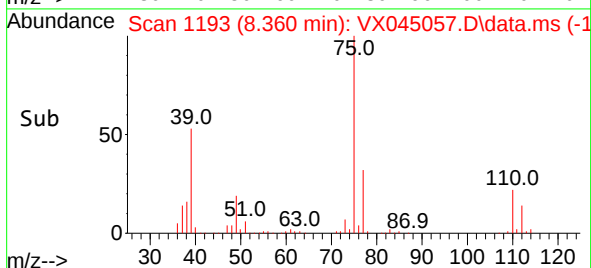
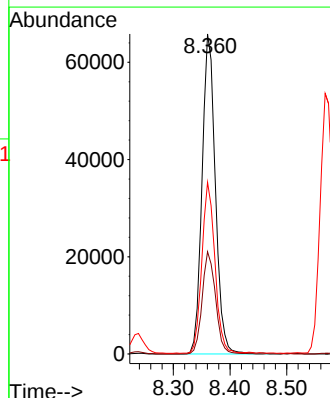
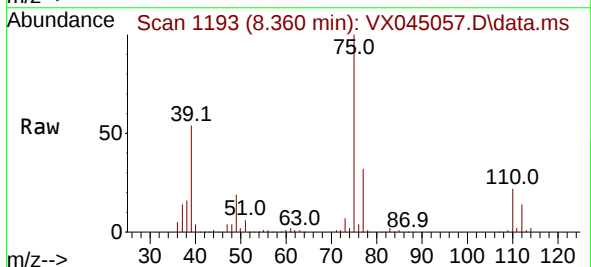
Tgt Ion: 75 Resp: 107653

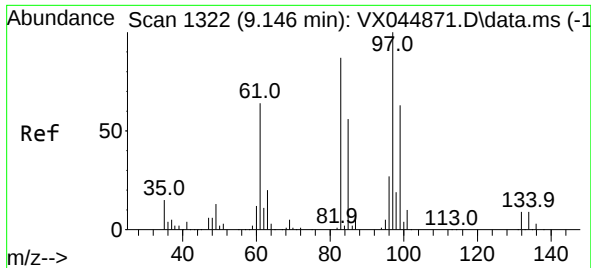
Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

39 53.4 40.0 60.0





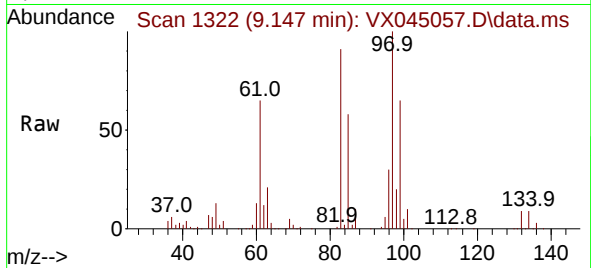
#55
1,1,2-Trichloroethane
Concen: 55.292 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



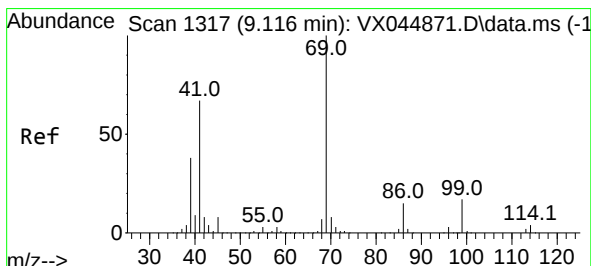
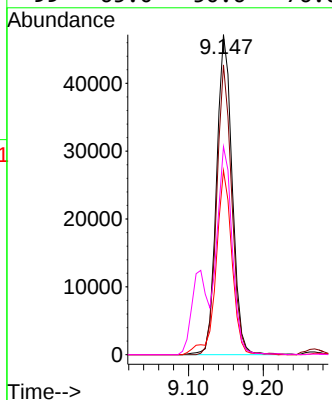
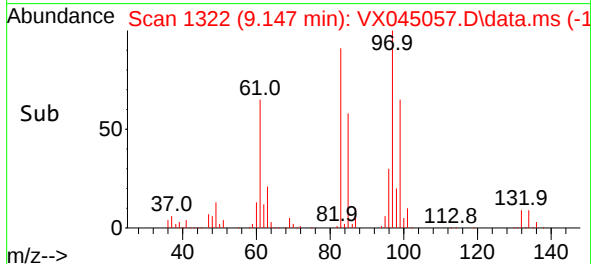
Tgt Ion: 97 Resp: 68840
Ion Ratio Lower Upper
97 100
83 90.5 69.8 104.6
85 57.5 44.8 67.2
99 65.0 50.6 76.0

Manual Integrations

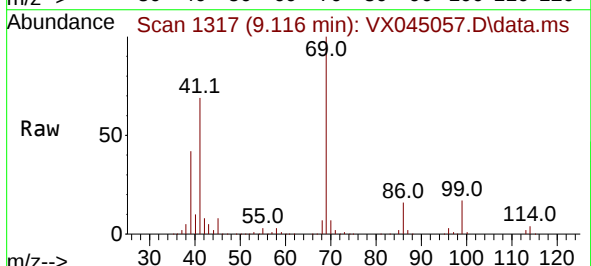
APPROVED

Reviewed By :John Carlone 02/28/2025

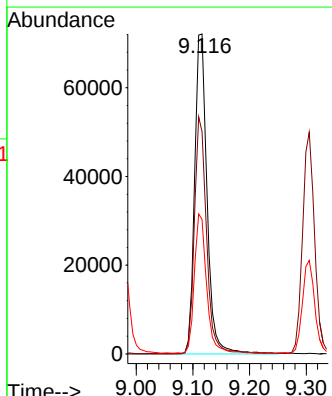
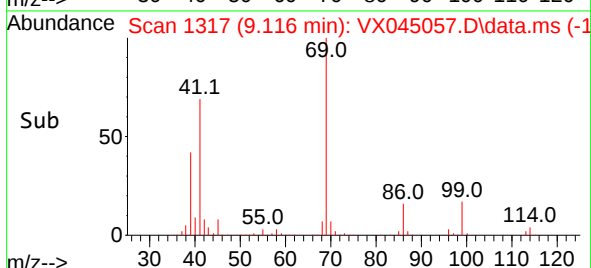
Supervised By :Mahesh Dadoda 02/28/2025

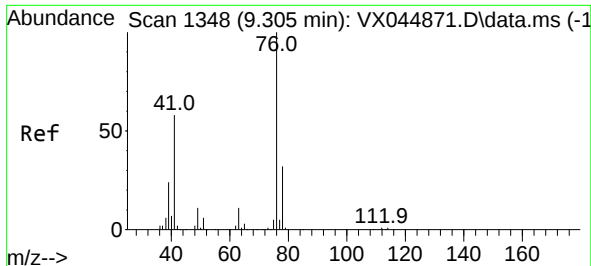


#56
Ethyl methacrylate
Concen: 54.891 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07



Tgt Ion: 69 Resp: 110378
Ion Ratio Lower Upper
69 100
41 72.1 55.2 82.8
39 42.8 30.8 46.2





#57

1,3-Dichloropropane

Concen: 54.868 ug/l

RT: 9.305 min Scan# 119524

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 119524

Ion Ratio Lower Upper

76 100

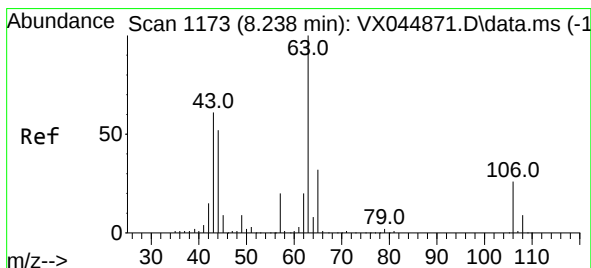
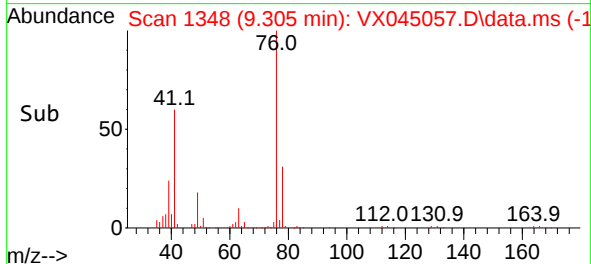
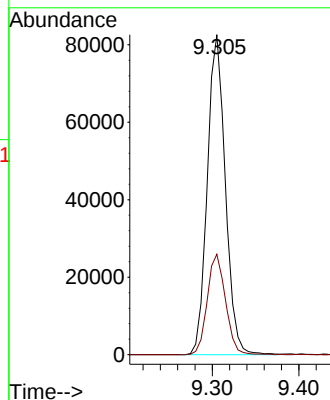
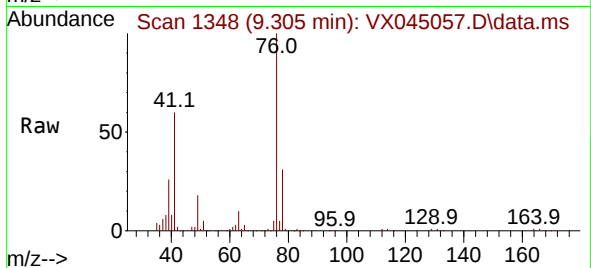
78 31.7 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 284.022 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045057.D

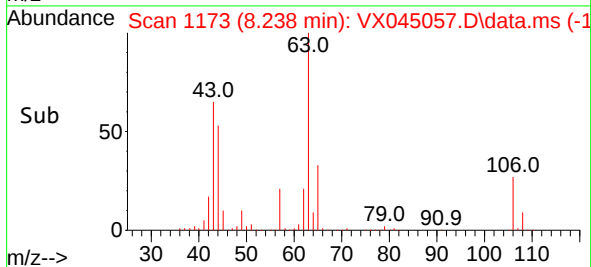
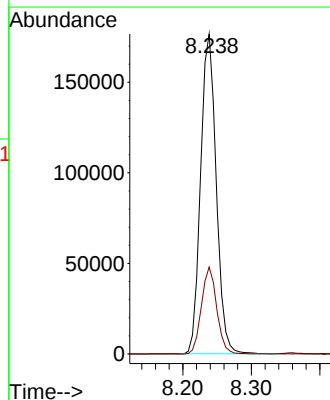
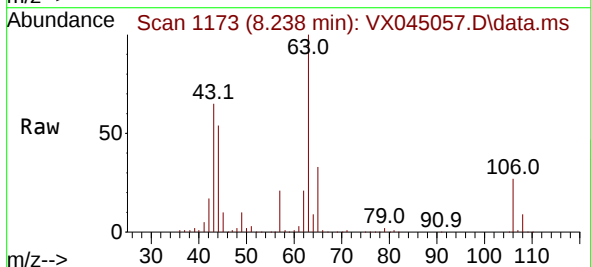
Acq: 27 Feb 2025 10:07

Tgt Ion: 63 Resp: 280428

Ion Ratio Lower Upper

63 100

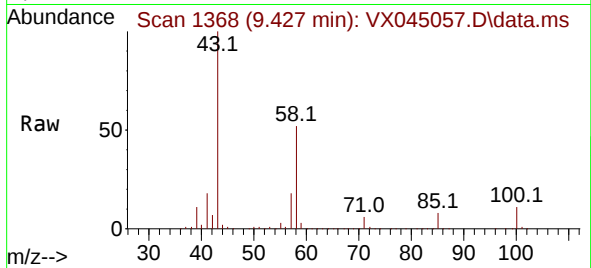
106 26.6 21.3 31.9





#59
2-Hexanone
Concen: 318.334 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

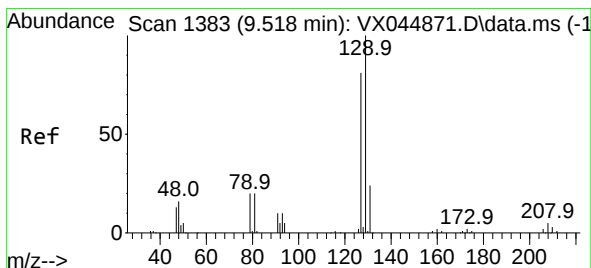
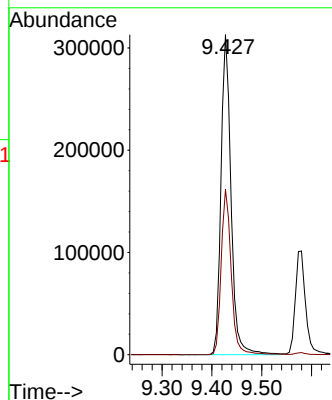
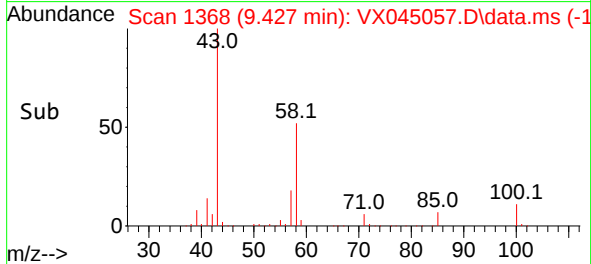
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 436192
Ion Ratio Lower Upper
43 100
58 51.9 27.5 82.4

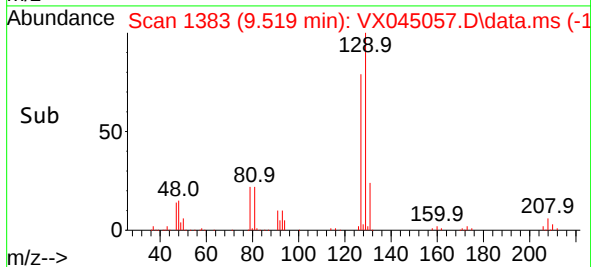
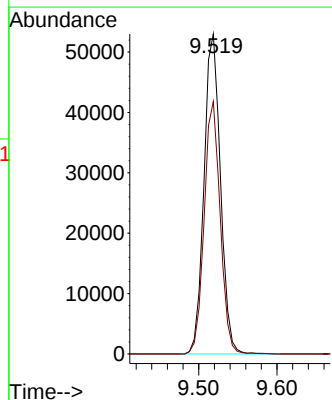
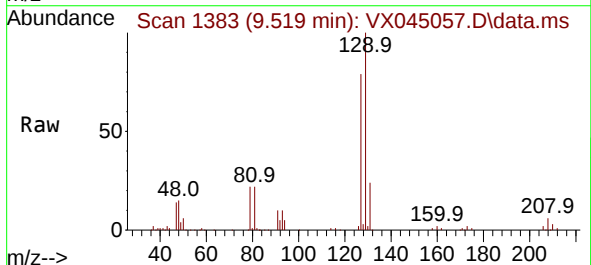
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#60
Dibromochloromethane
Concen: 57.973 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

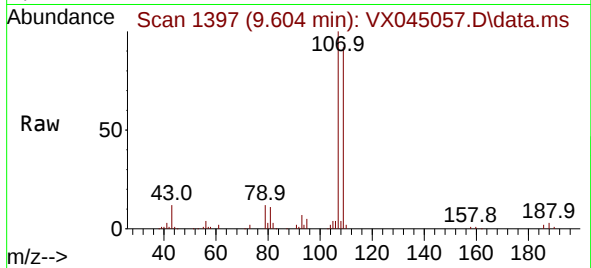
Tgt Ion:129 Resp: 77191
Ion Ratio Lower Upper
129 100
127 76.9 39.1 117.3





#61
1,2-Dibromoethane
Concen: 54.393 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

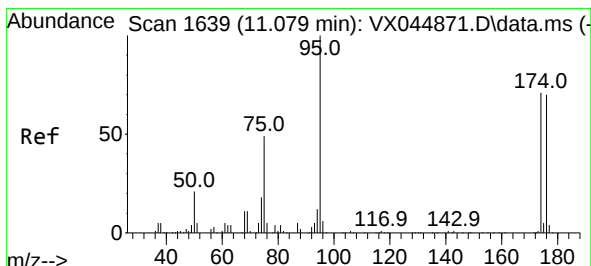
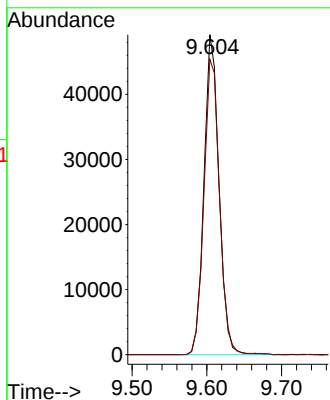
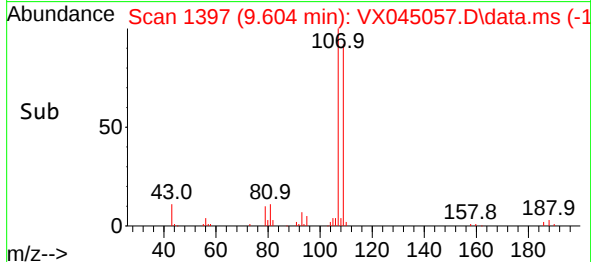
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



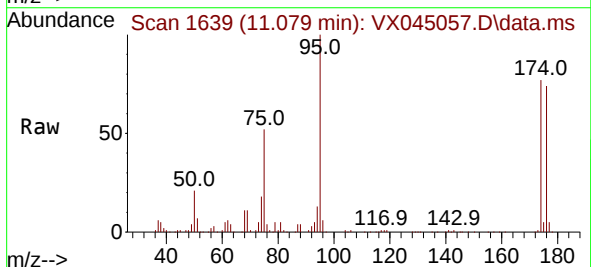
Tgt Ion:107 Resp: 68638
Ion Ratio Lower Upper
107 100
109 95.5 75.9 113.9

Manual Integrations
APPROVED

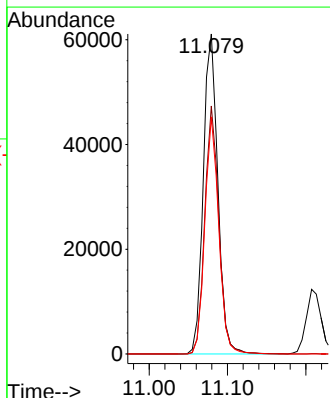
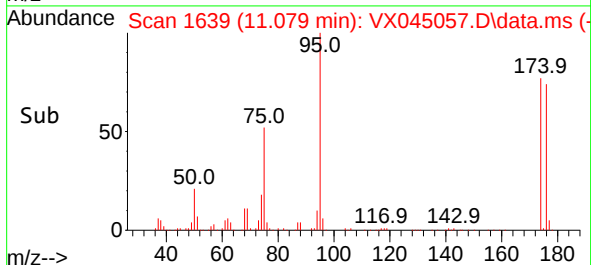
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

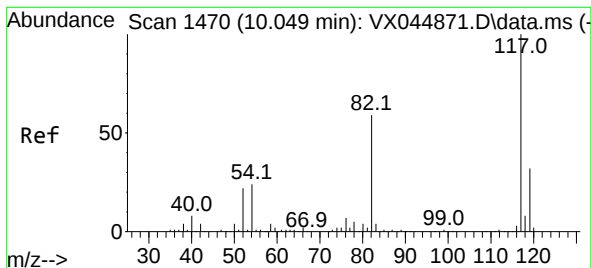


#62
4-Bromofluorobenzene
Concen: 51.092 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07



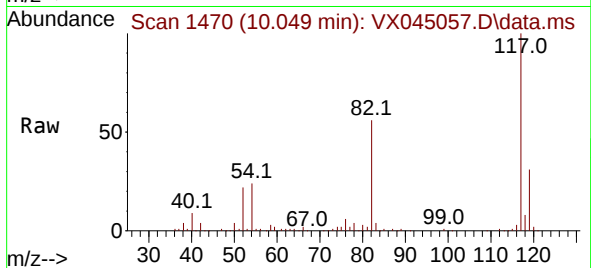
Tgt Ion: 95 Resp: 78624
Ion Ratio Lower Upper
95 100
174 75.1 0.0 142.6
176 71.0 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

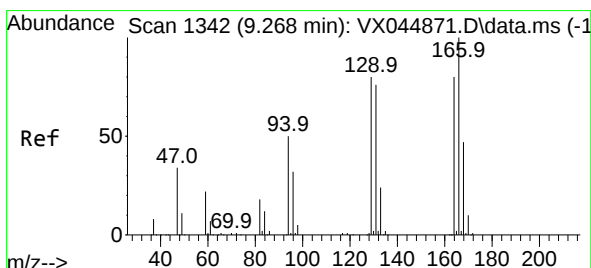
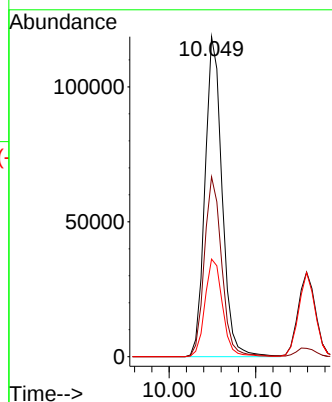
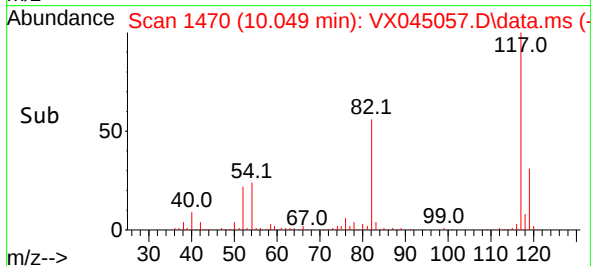
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 162560
Ion Ratio Lower Upper
117 100
82 56.2 47.5 71.3
119 30.5 25.4 38.0

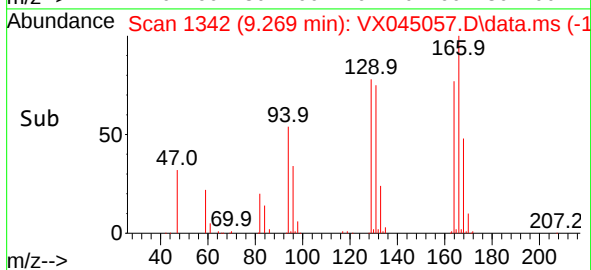
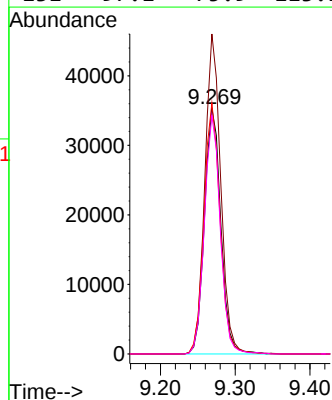
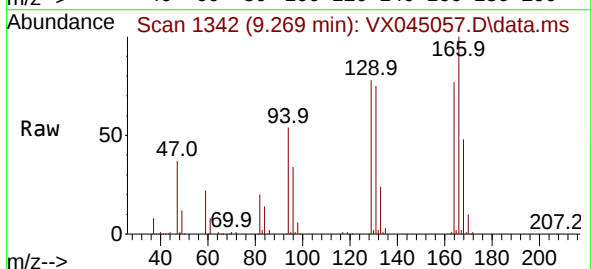
Manual Integrations
APPROVED

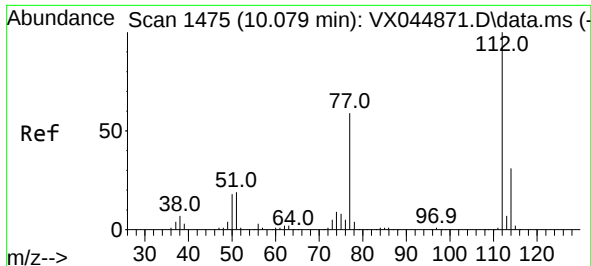
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#64
Tetrachloroethene
Concen: 52.452 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

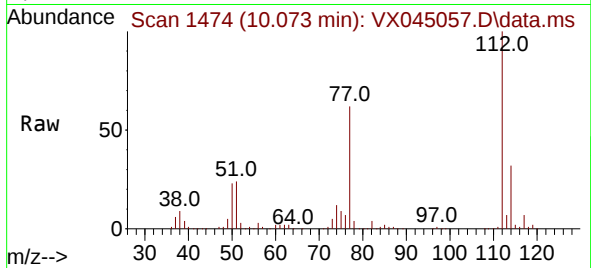
Tgt Ion:164 Resp: 53775
Ion Ratio Lower Upper
164 100
166 130.3 100.4 150.6
129 102.2 79.9 119.9
131 97.1 75.9 113.9





#65
Chlorobenzene
Concen: 52.437 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

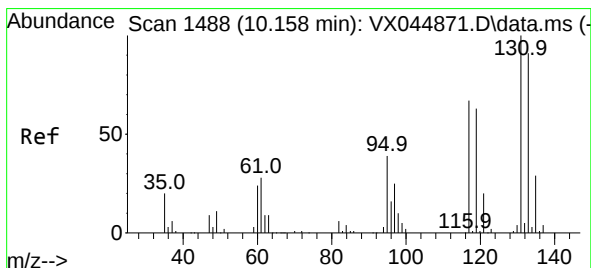
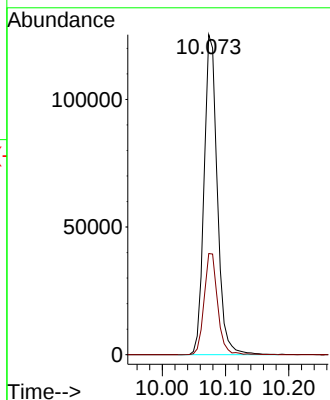
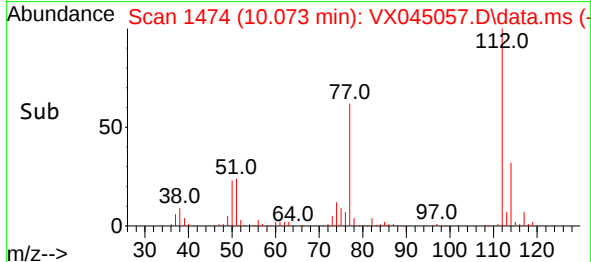
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



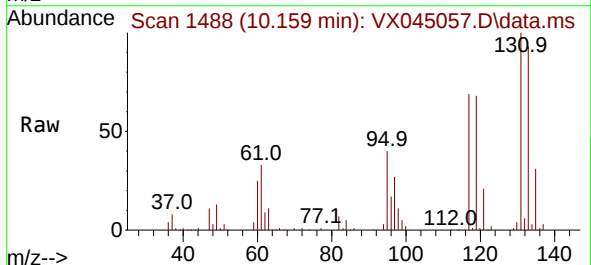
Tgt Ion:112 Resp: 183094
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6

Manual Integrations
APPROVED

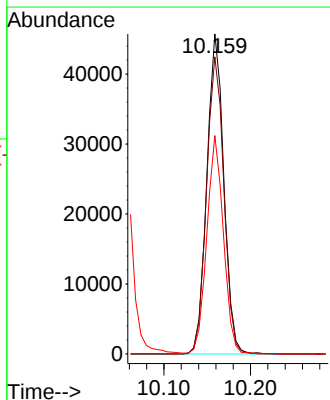
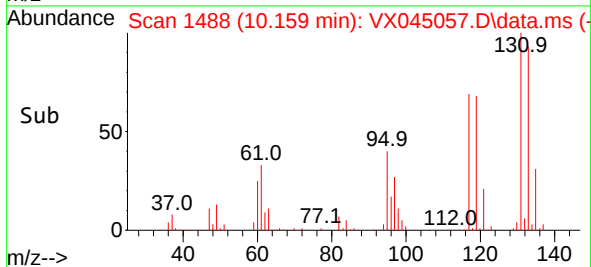
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

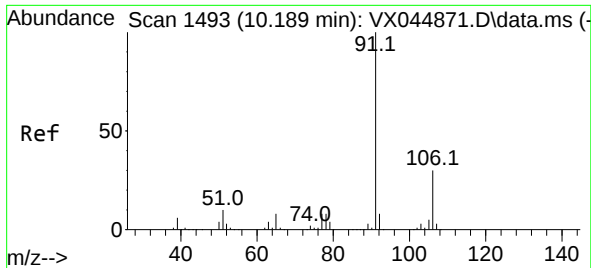


#66
1,1,1,2-Tetrachloroethane
Concen: 55.433 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07



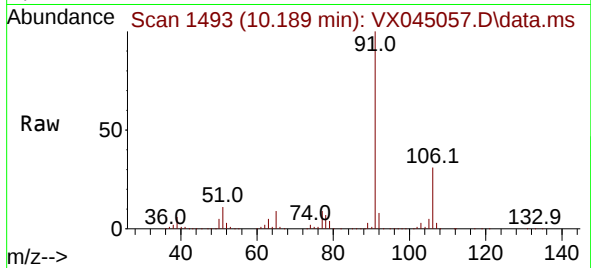
Tgt Ion:131 Resp: 62299
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.3
119 66.7 33.6 100.6





#67
Ethyl Benzene
Concen: 52.764 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

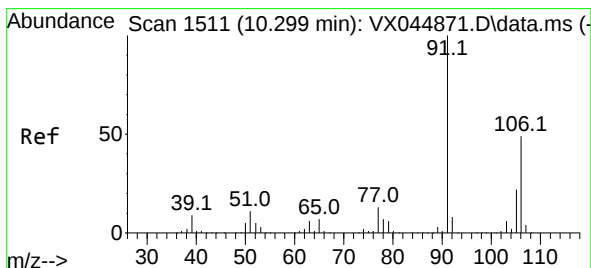
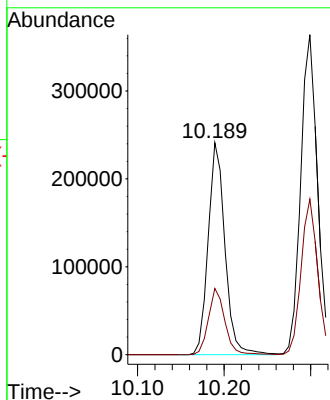
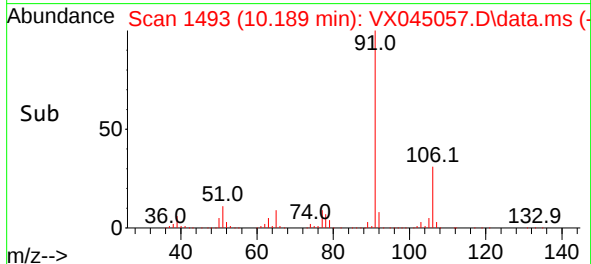
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



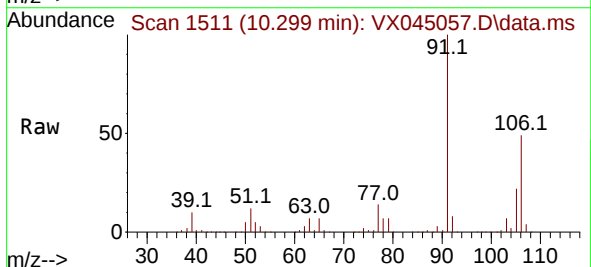
Tgt Ion: 91 Resp: 325118
Ion Ratio Lower Upper
91 100
106 31.2 23.9 35.9

Manual Integrations
APPROVED

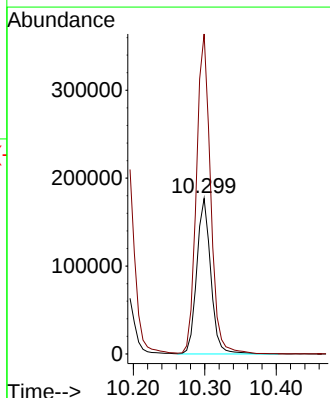
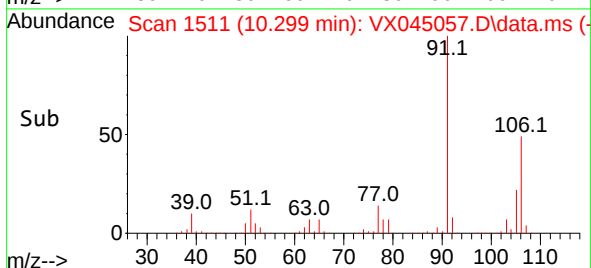
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025

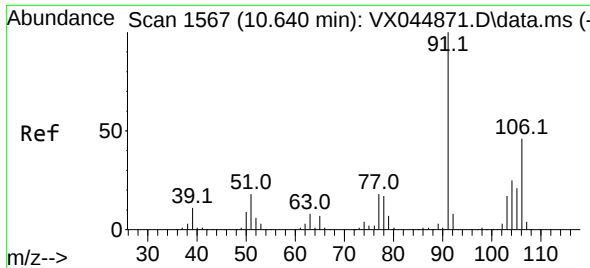


#68
m/p-Xylenes
Concen: 105.689 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07



Tgt Ion:106 Resp: 240226
Ion Ratio Lower Upper
106 100
91 207.6 164.3 246.5





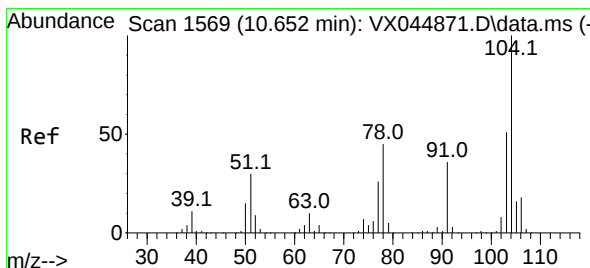
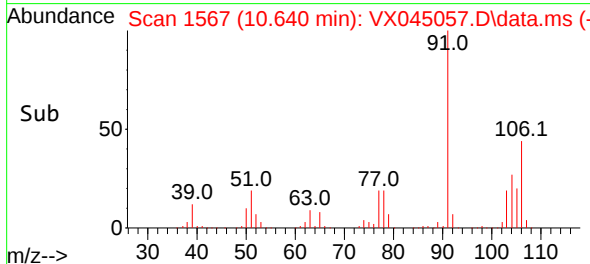
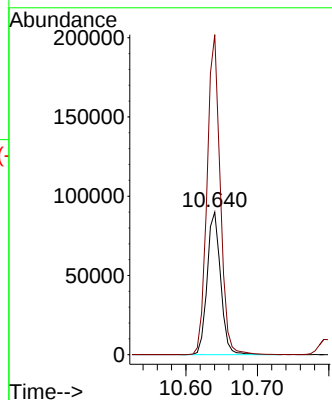
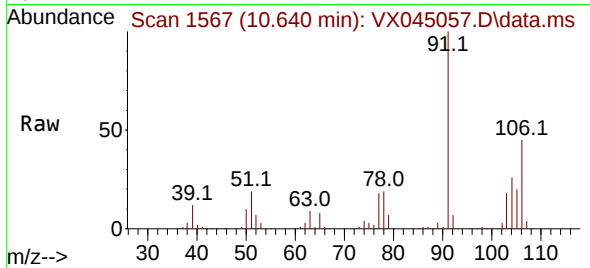
#69
o-Xylene
Concen: 51.552 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 11757
Ion Ratio Lower Upper
106 100
91 219.8 108.5 325.5

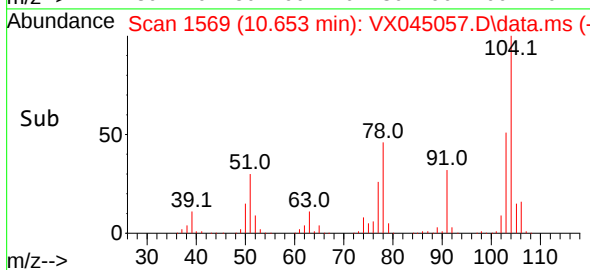
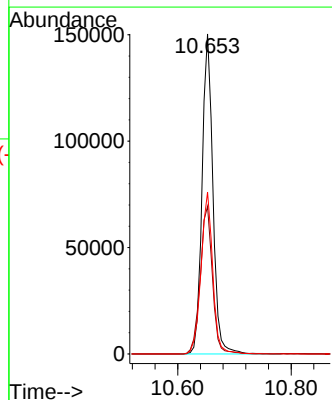
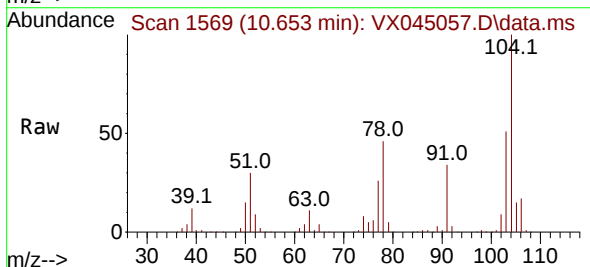
Manual Integrations
APPROVED

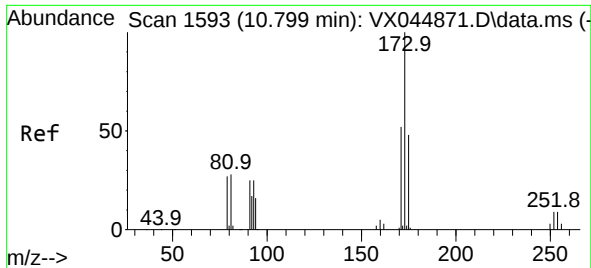
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#70
Styrene
Concen: 54.051 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

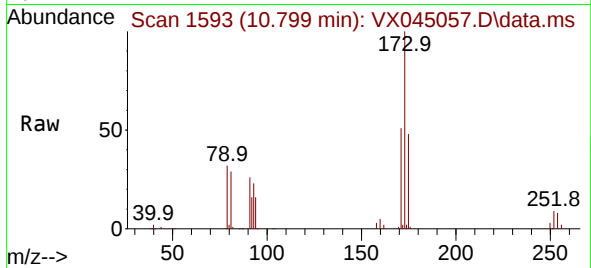
Tgt Ion:104 Resp: 198609
Ion Ratio Lower Upper
104 100
78 52.1 40.5 60.7
103 54.8 43.6 65.4





#71
Bromoform
Concen: 60.067 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

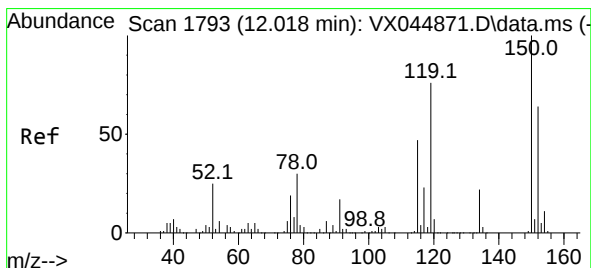
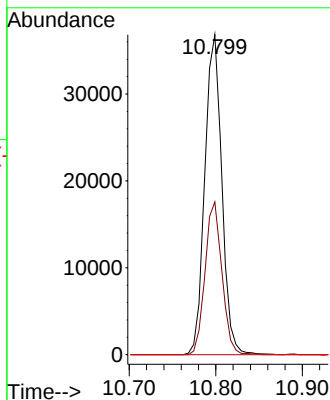
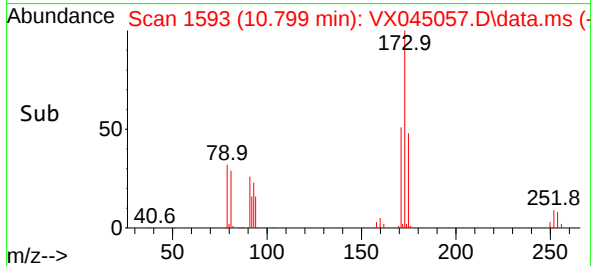
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 50380
Ion Ratio Lower Upper
173 100
175 47.2 24.3 72.8
254 0.0 0.0 0.0

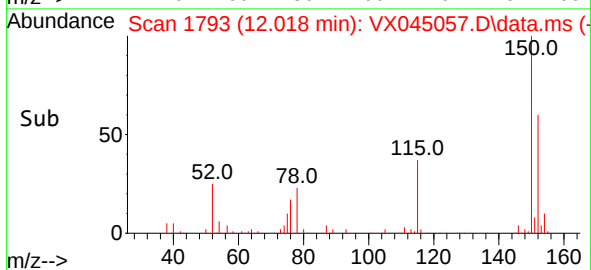
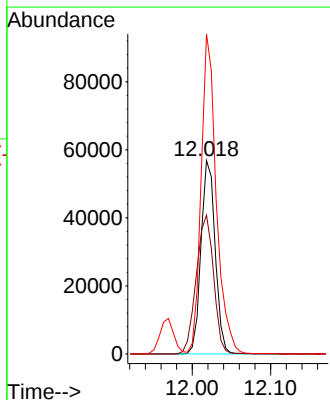
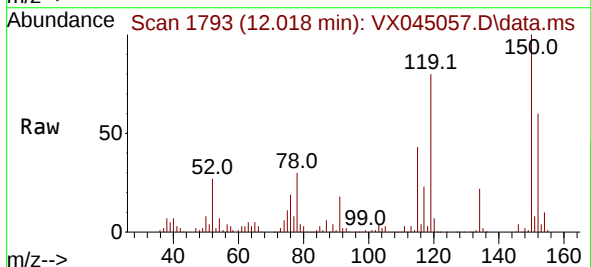
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Tgt Ion:152 Resp: 71634
Ion Ratio Lower Upper
152 100
115 87.5 43.4 130.1
150 175.9 0.0 350.4





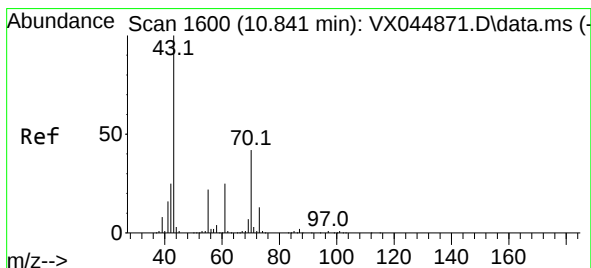
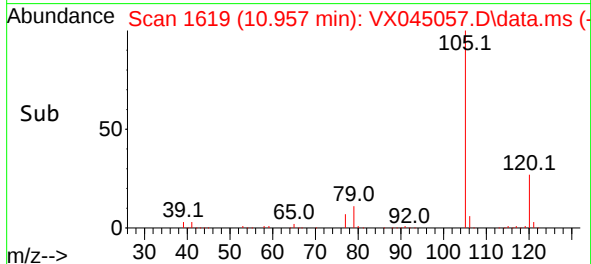
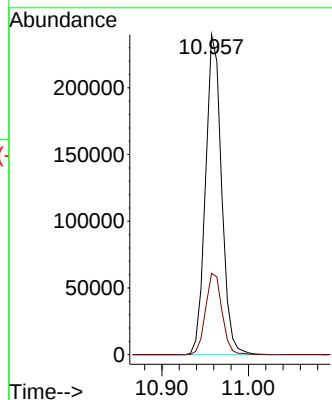
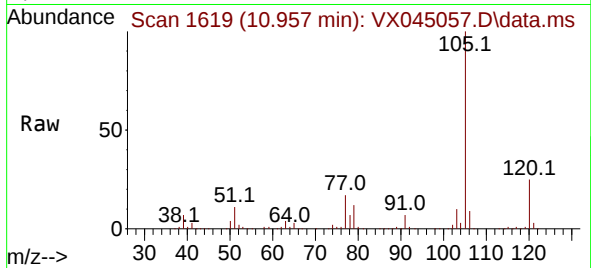
#73
Isopropylbenzene
Concen: 53.550 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 308870
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

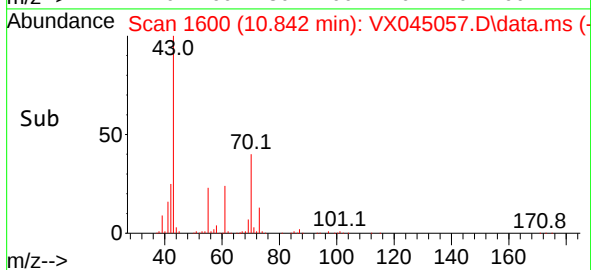
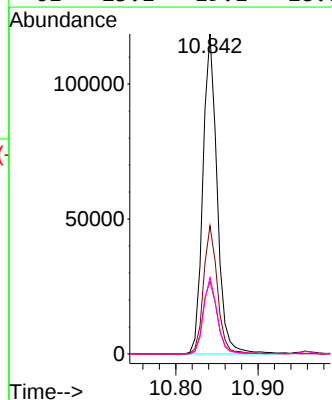
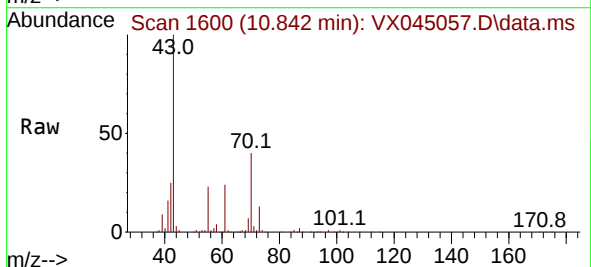
Manual Integrations
APPROVED

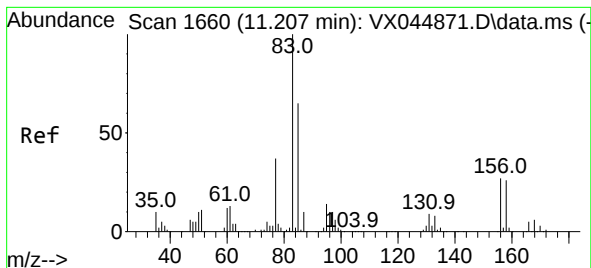
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#74
N-ethyl acetate
Concen: 54.727 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

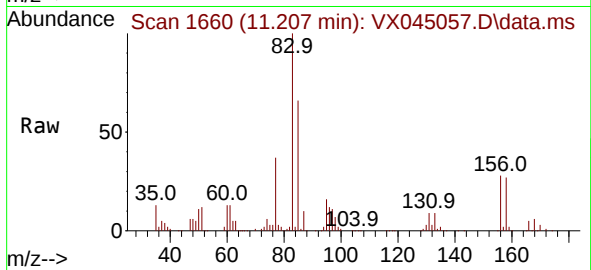
Tgt Ion: 43 Resp: 142840
Ion Ratio Lower Upper
43 100
70 39.3 33.7 50.5
55 23.2 18.6 27.8
61 23.1 19.1 28.7





#75
1,1,2,2-Tetrachloroethane
Concen: 53.104 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

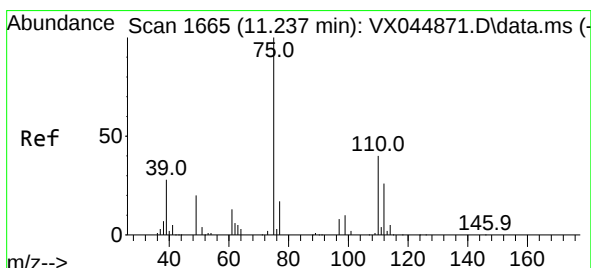
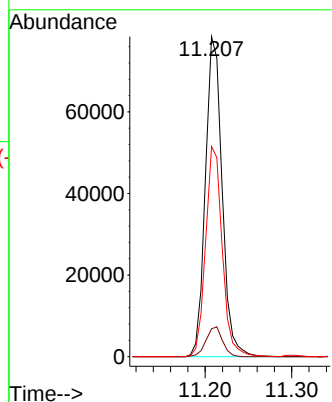
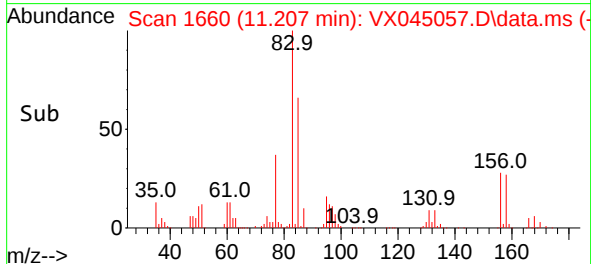
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 10525
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.5
85 65.4 32.3 96.8

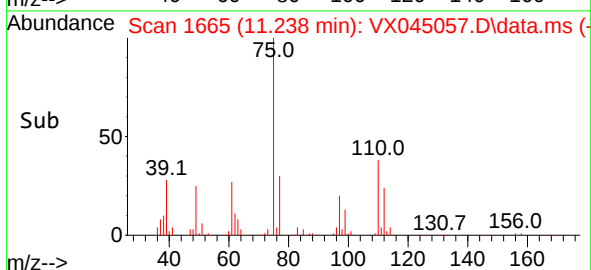
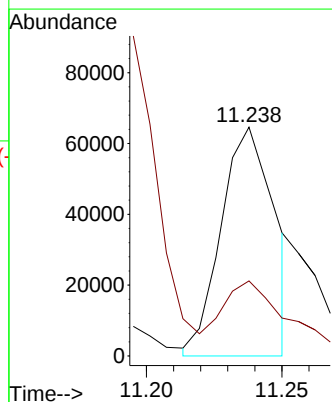
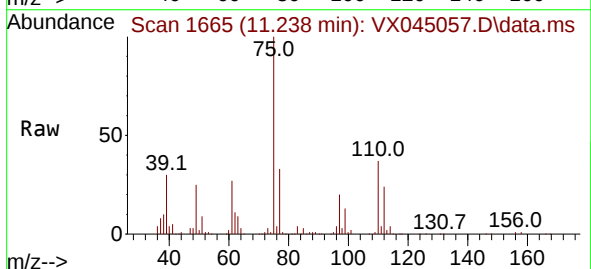
Manual Integrations
APPROVED

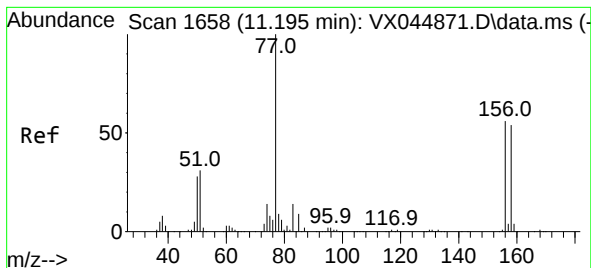
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#76
1,2,3-Trichloropropane
Concen: 55.384 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Tgt Ion: 75 Resp: 87962
Ion Ratio Lower Upper
75 100
77 41.4 21.9 65.7





#77

Bromobenzene

Concen: 54.106 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 7075

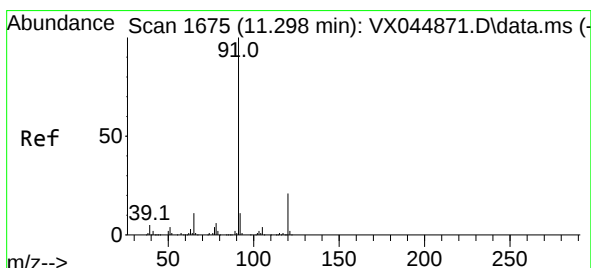
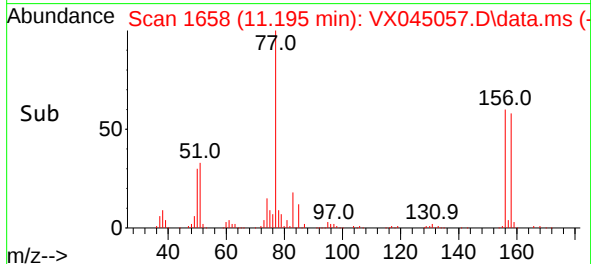
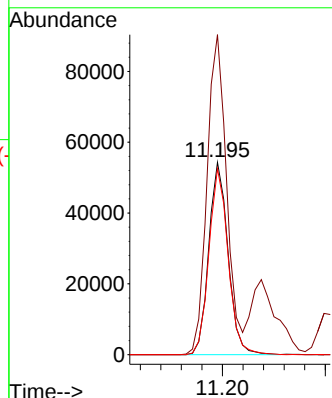
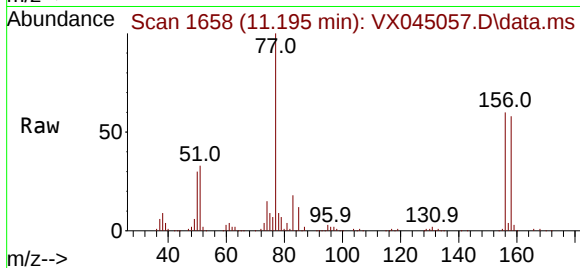
Ion	Ratio	Lower	Upper
156	100		
77	168.9	88.4	265.3
158	96.6	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#78

n-propylbenzene

Concen: 54.482 ug/l

RT: 11.299 min Scan# 1675

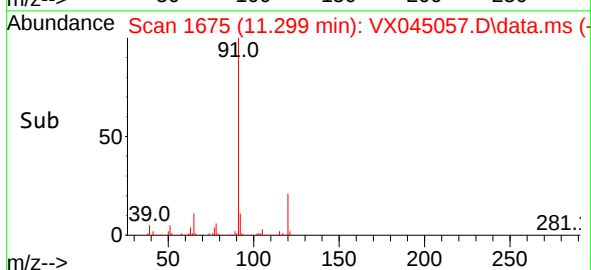
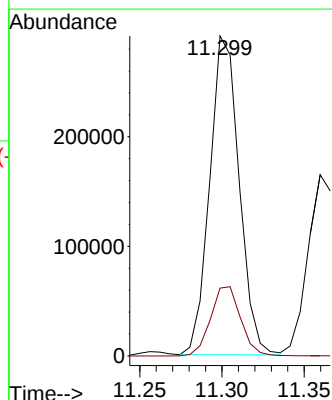
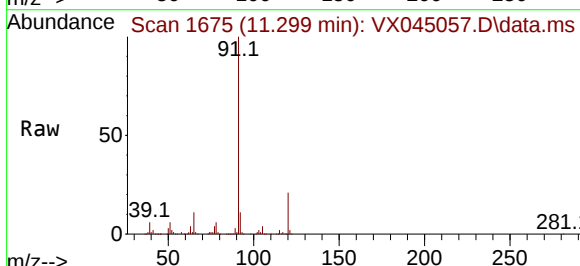
Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Tgt Ion: 91 Resp: 362711

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.3





#79

2-Chlorotoluene

Concen: 52.352 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 21420

Ion Ratio Lower Upper

91 100

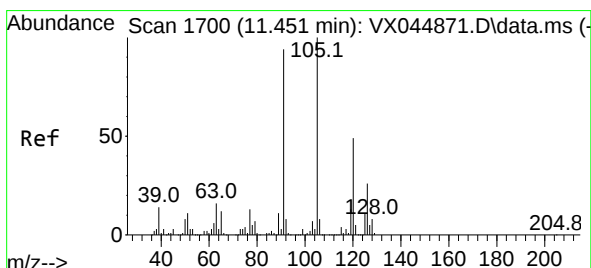
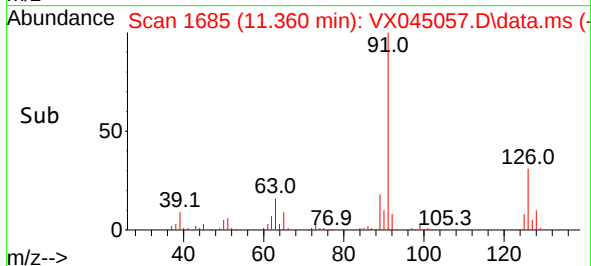
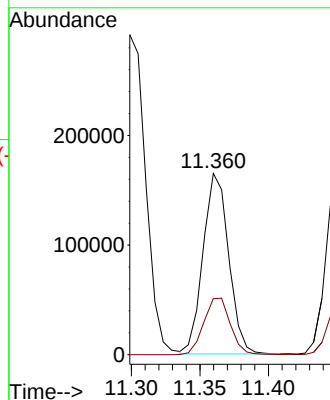
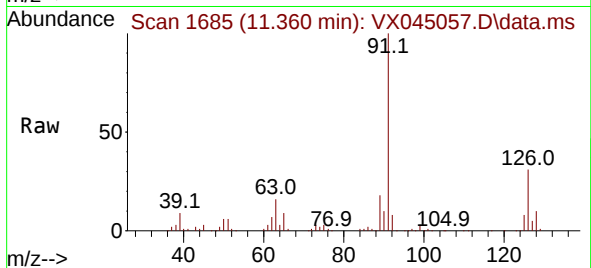
126 32.6 16.2 48.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#80

1,3,5-Trimethylbenzene

Concen: 54.123 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045057.D

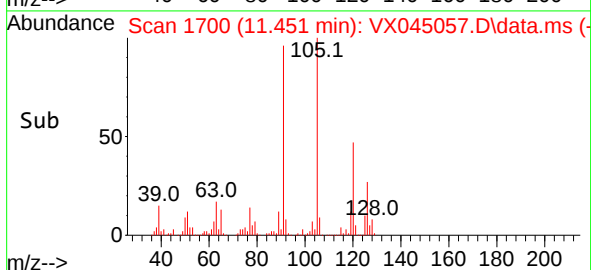
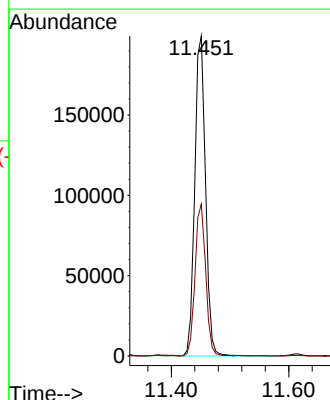
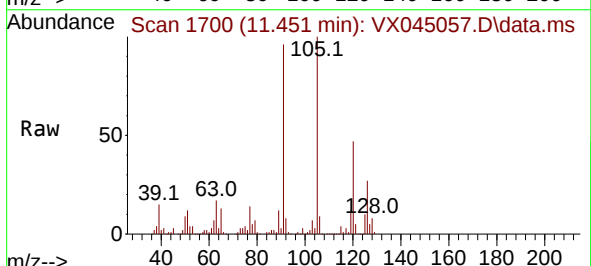
Acq: 27 Feb 2025 10:07

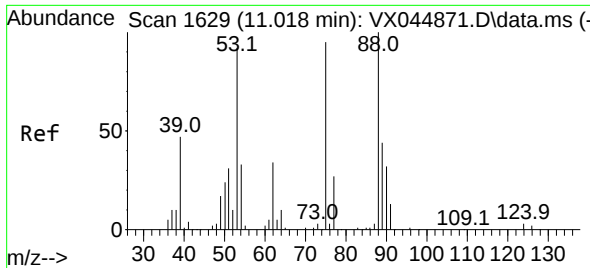
Tgt Ion:105 Resp: 253331

Ion Ratio Lower Upper

105 100

120 47.0 24.0 72.0





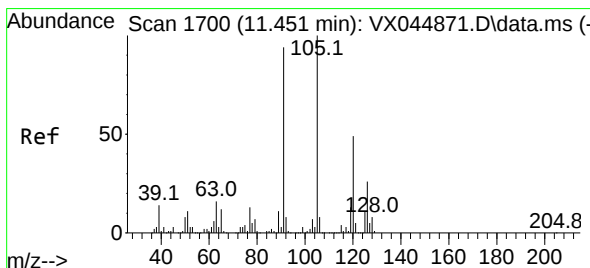
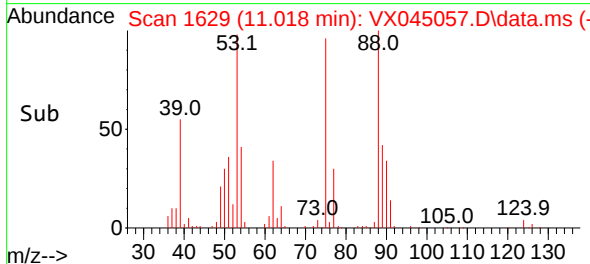
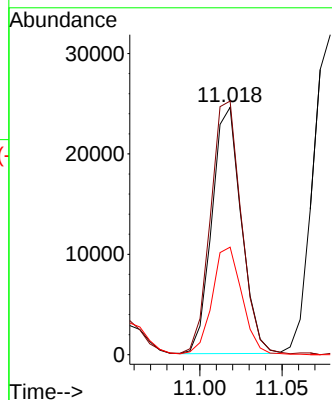
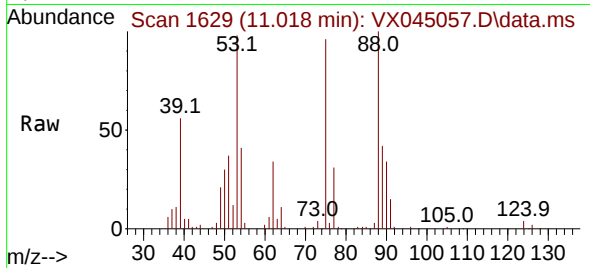
#81
trans-1,4-Dichloro-2-butene
Concen: 49.568 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 30604
Ion Ratio Lower Upper
75 100
53 108.3 78.0 117.0
89 44.4 36.6 54.8

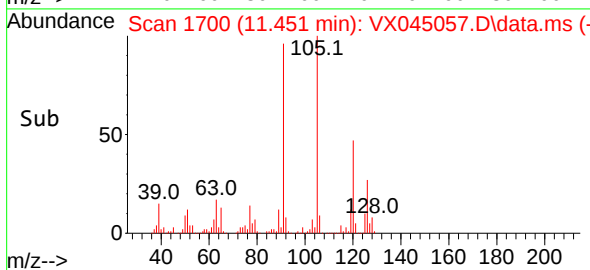
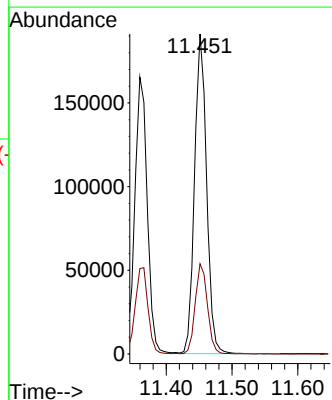
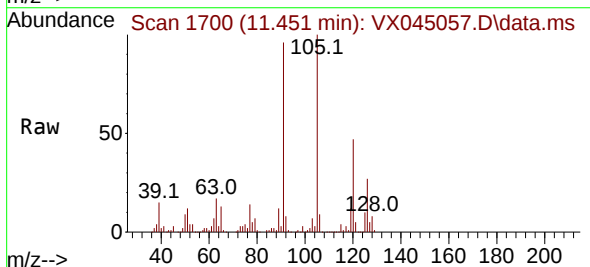
Manual Integrations
APPROVED

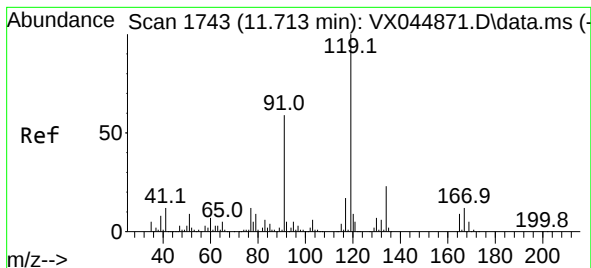
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#82
4-Chlorotoluene
Concen: 53.187 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

Tgt Ion: 91 Resp: 240764
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 54.032 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 255849

Ion Ratio Lower Upper

119 100

91 59.8 29.1 87.4

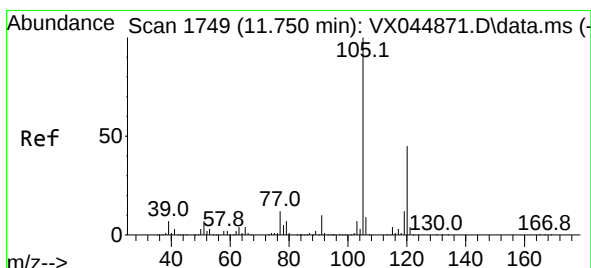
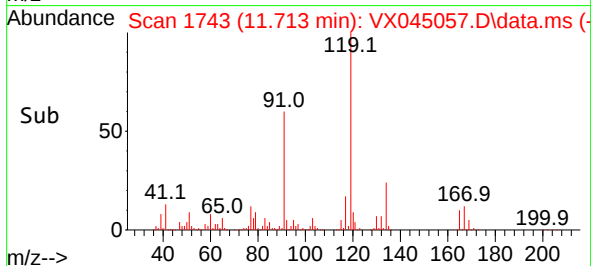
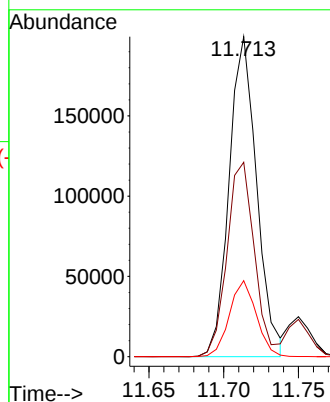
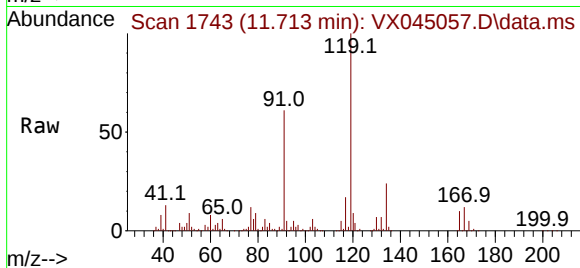
134 23.2 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#84

1,2,4-Trimethylbenzene

Concen: 54.214 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045057.D

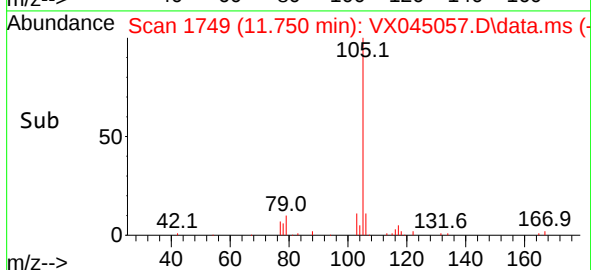
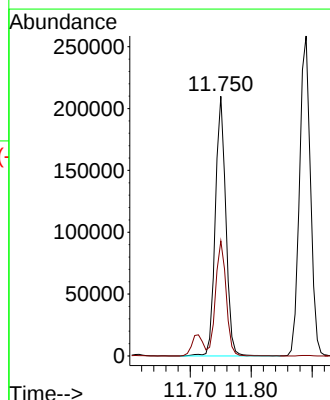
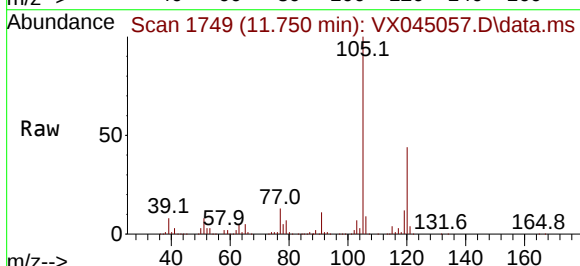
Acq: 27 Feb 2025 10:07

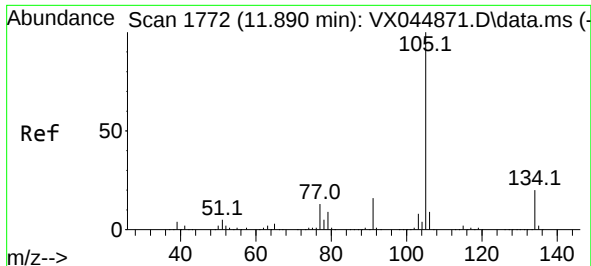
Tgt Ion:105 Resp: 250456

Ion Ratio Lower Upper

105 100

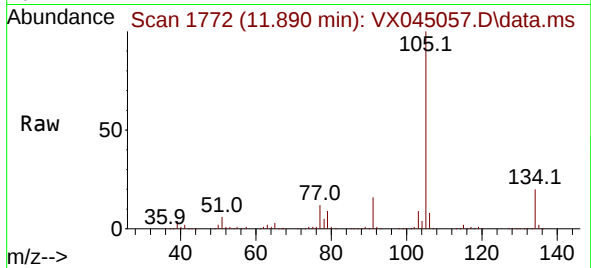
120 44.5 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 55.065 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045057.D
 Acq: 27 Feb 2025 10:07

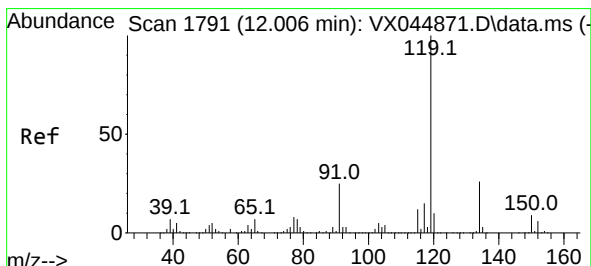
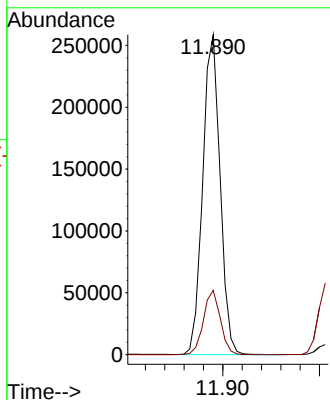
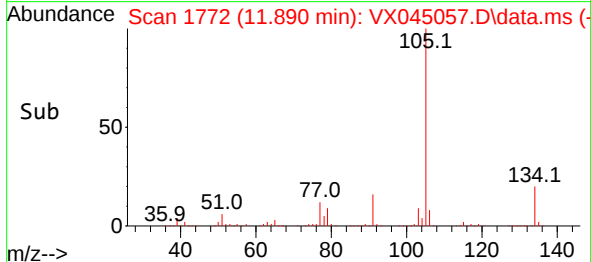
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



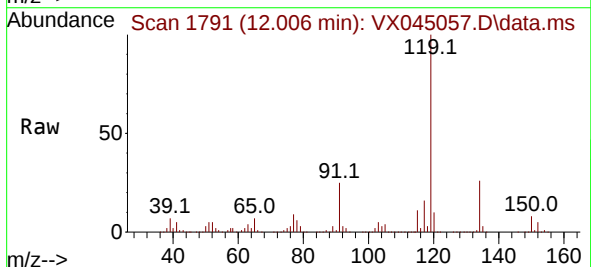
Tgt Ion:105 Resp: 322869
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
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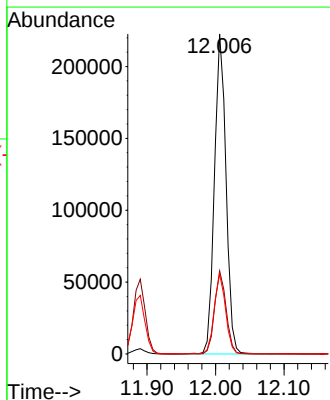
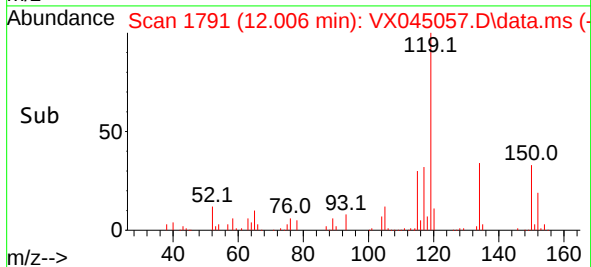
Reviewed By :John Carlone 02/28/2025
 Supervised By :Mahesh Dadoda 02/28/2025

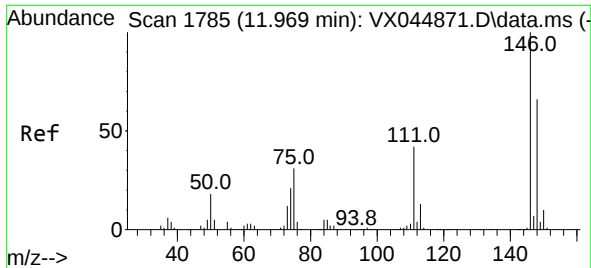


#86
 p-Isopropyltoluene
 Concen: 55.211 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045057.D
 Acq: 27 Feb 2025 10:07



Tgt Ion:119 Resp: 260334
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 24.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 52.846 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 127082

Ion Ratio Lower Upper

146 100

111 41.9 21.2 63.6

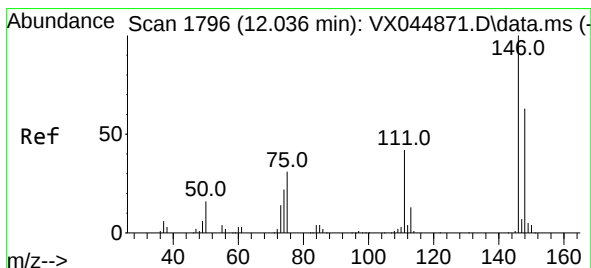
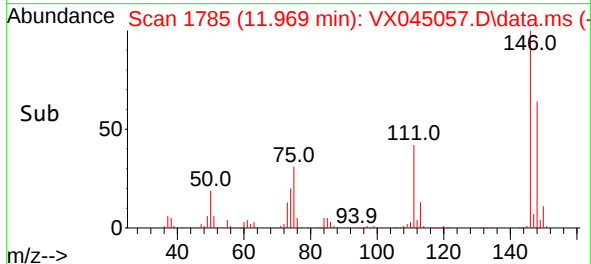
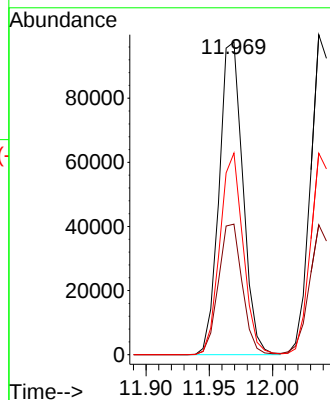
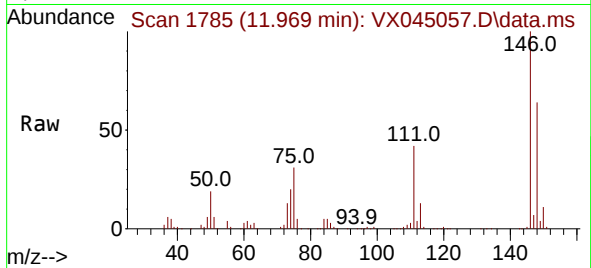
148 63.2 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#88

1,4-Dichlorobenzene

Concen: 51.673 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

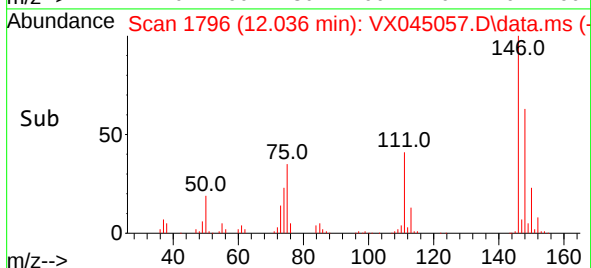
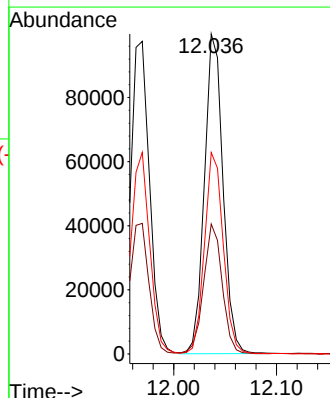
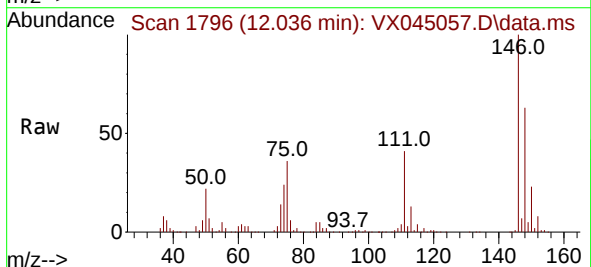
Tgt Ion:146 Resp: 125636

Ion Ratio Lower Upper

146 100

111 40.7 20.4 61.3

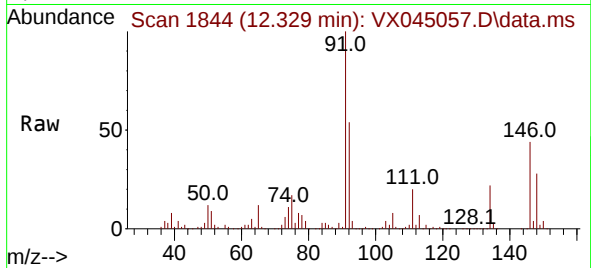
148 63.9 32.0 96.0





#89
n-Butylbenzene
Concen: 56.628 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

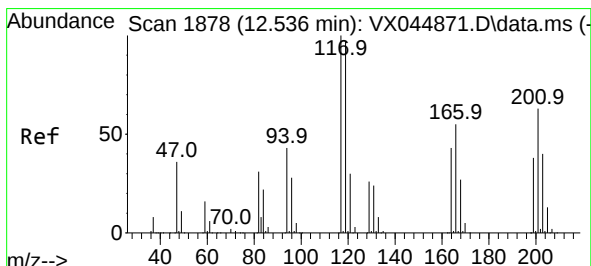
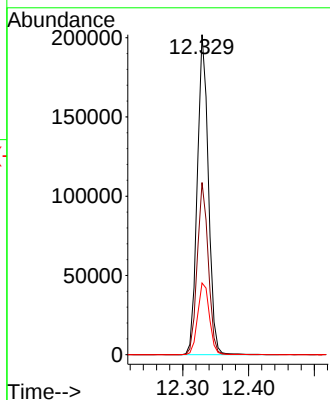
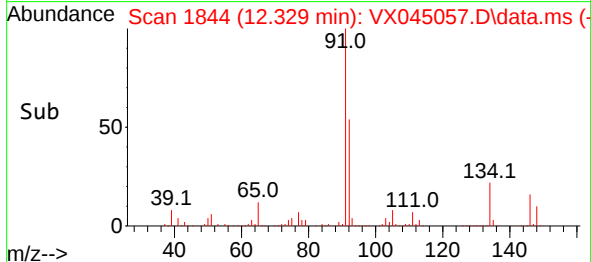
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 236227
Ion Ratio Lower Upper
91 100
92 53.5 27.2 81.6
134 23.7 12.1 36.3

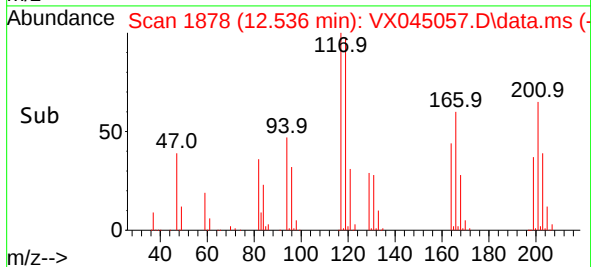
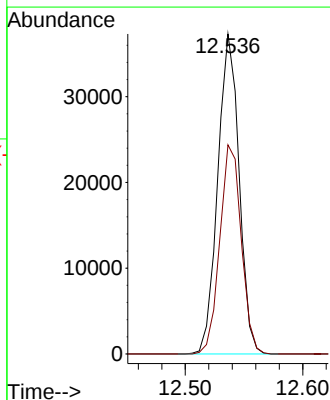
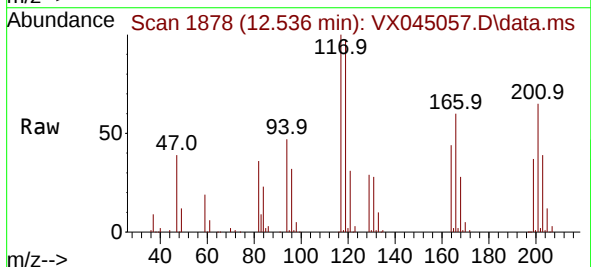
Manual Integrations
APPROVED

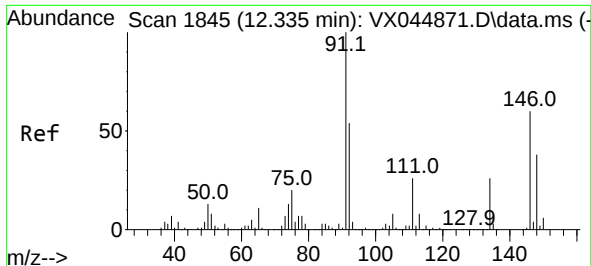
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#90
Hexachloroethane
Concen: 53.316 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

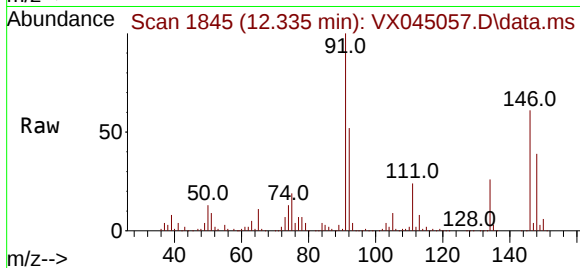
Tgt Ion:117 Resp: 47073
Ion Ratio Lower Upper
117 100
201 65.8 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 52.695 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

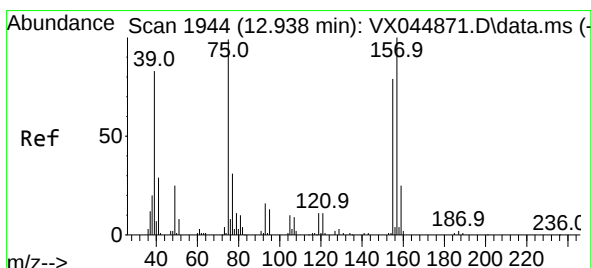
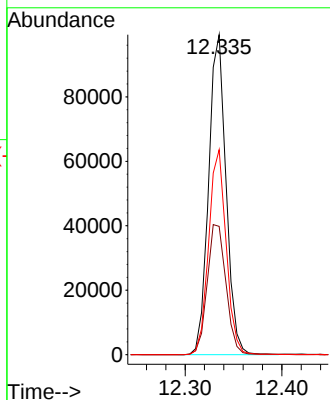
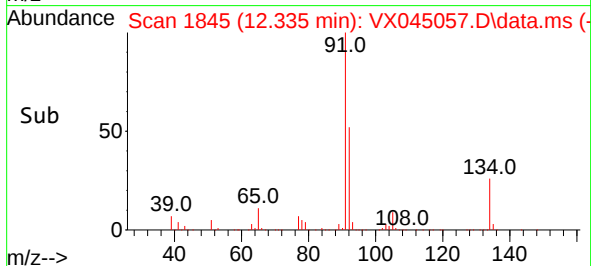
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



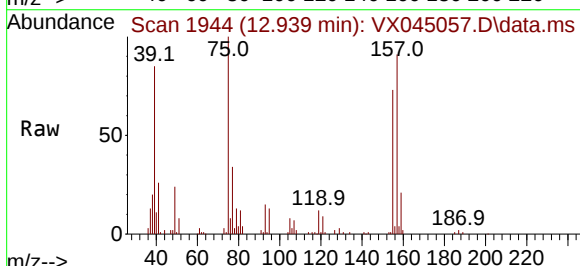
Tgt Ion:146 Resp: 124539
Ion Ratio Lower Upper
146 100
111 44.0 21.8 65.4
148 64.3 31.9 95.9

Manual Integrations
APPROVED

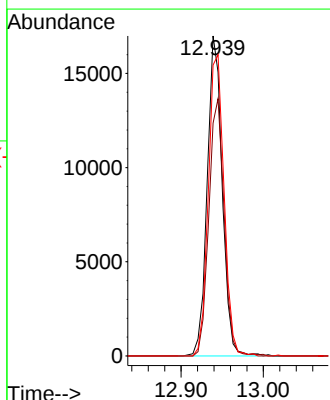
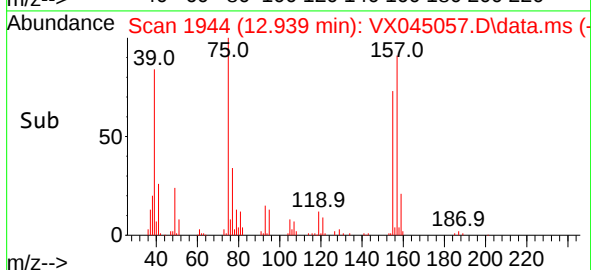
Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.601 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07



Tgt Ion: 75 Resp: 21560
Ion Ratio Lower Upper
75 100
155 82.0 40.5 121.4
157 98.4 51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 54.387 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

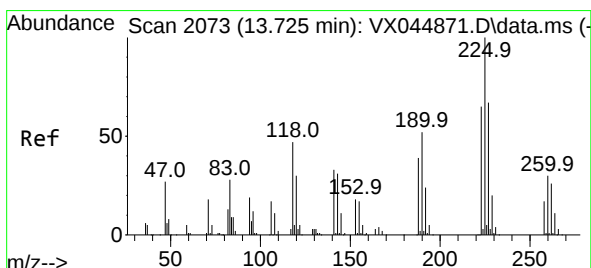
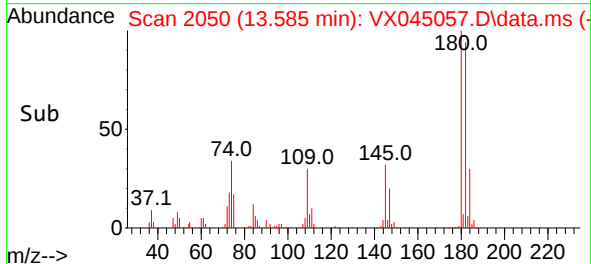
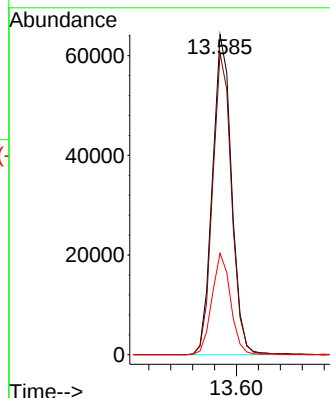
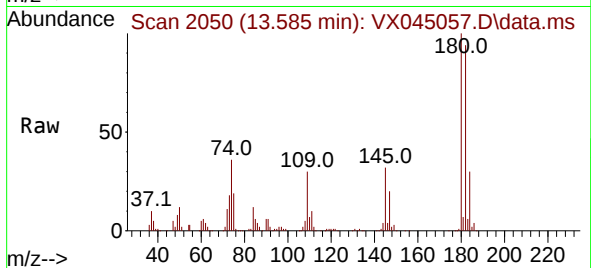
Tgt Ion:180	Resp:	77779
Ion Ratio	Lower	Upper
180	100	
182	93.6	47.6 142.8
145	31.0	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2025

Supervised By :Mahesh Dadoda 02/28/2025



#94

Hexachlorobutadiene

Concen: 56.793 ug/l

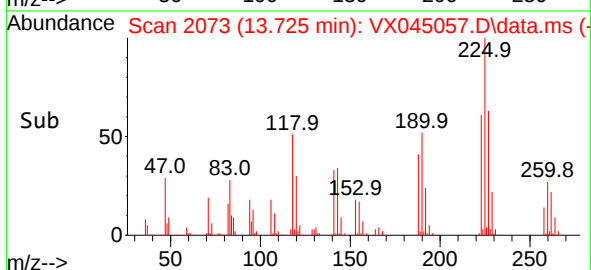
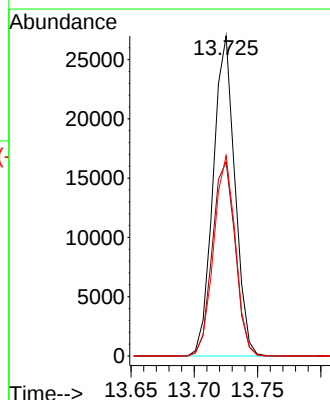
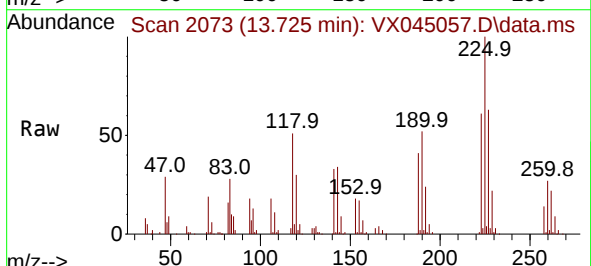
RT: 13.725 min Scan# 2073

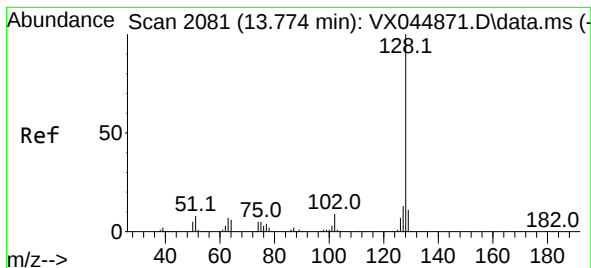
Delta R.T. 0.000 min

Lab File: VX045057.D

Acq: 27 Feb 2025 10:07

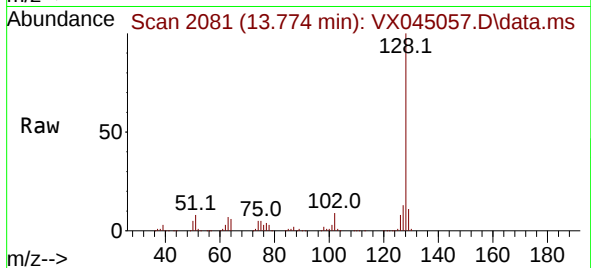
Tgt Ion:225	Resp:	32243
Ion Ratio	Lower	Upper
225	100	
223	63.5	31.4 94.2
227	62.5	32.3 96.8





#95
Naphthalene
Concen: 55.037 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07

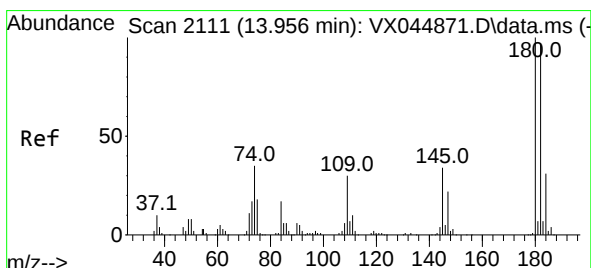
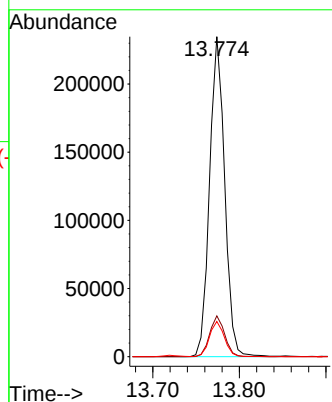
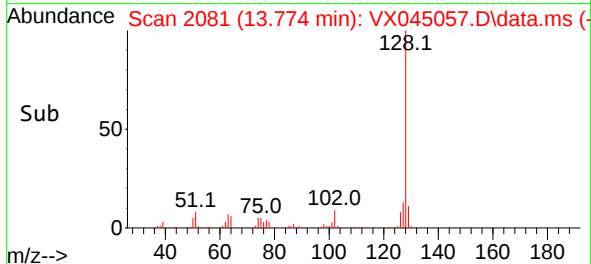
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



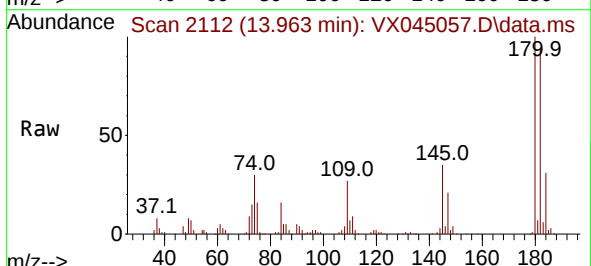
Tgt Ion:128 Resp: 28452
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2025
Supervised By :Mahesh Dadoda 02/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.510 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045057.D
Acq: 27 Feb 2025 10:07



Tgt Ion:180 Resp: 78551
Ion Ratio Lower Upper
180 100
182 93.6 47.9 143.6
145 34.5 17.1 51.3

