

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047142.D
 Acq On : 25 Jul 2025 15:18
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 26 04:42:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X072525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 26 04:39:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/28/2025
 Supervised By : Mahesh Dadoda 07/28/2025

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

Internal Standards						
1) Bromochloromethane	4.916	128	48237m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	346035	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	315911	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	138949	22.808	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	76.033%#		
60) 4-Bromofluorobenzene	11.079	95	156629	30.428	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	101.433%		
63) Toluene-d8	8.653	98	406860	29.569	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.567%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	15962m	2.907	ug/l	
3) Chloromethane	1.313	50	20875	4.231	ug/l	99
4) Vinyl Chloride	1.392	62	20302	3.436	ug/l #	68
5) Bromomethane	1.630	94	8877	3.717	ug/l	93
6) Chloroethane	1.709	64	11665	3.498	ug/l #	85
7) Trichlorofluoromethane	1.904	101	27925	3.479	ug/l	91
8) Diethyl Ether	2.148	74	11040	3.769	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.349	101	17049	3.574	ug/l	89
10) 1,1-Dichloroethene	2.337	96	17195	3.524	ug/l	93
11) Methyl Iodide	2.471	142	21329	2.832	ug/l #	81
12) Methyl Acetate	2.721	43	20687	3.406	ug/l	97
13) Acrolein	2.251	56	14439	17.775	ug/l	97
14) Acrylonitrile	3.087	53	47792m	19.065	ug/l	
15) Acetone	2.392	58	13474	21.895	ug/l	87
16) Carbon Disulfide	2.532	76	55262m	3.906	ug/l	
17) Allyl chloride	2.684	41	32401	3.886	ug/l	88
18) Methylene Chloride	2.806	84	18799	3.569	ug/l	98
19) trans-1,2-Dichloroethene	3.111	96	19187m	3.839	ug/l	
20) Diisopropyl ether	3.776	45	67017	3.759	ug/l	93
21) 1,1-Dichloroethane	3.629	63	35888	3.699	ug/l	99
22) cis-1,2-Dichloroethene	4.507	96	23264m	3.812	ug/l	
23) tert-Butyl Alcohol	2.959	59	15997	22.986	ug/l #	100
24) Methyl tert-Butyl Ether	3.129	73	59761	3.656	ug/l	100
25) Chloroform	5.111	83	37832	3.960	ug/l	89
26) Cyclohexane	5.489	56	35396	3.757	ug/l #	100
29) 1,1-Dichloropropene	5.714	75	25967	4.818	ug/l	83
30) 2-Butanone	4.580	43	63779	25.054	ug/l #	93
31) 2,2-Dichloropropane	4.495	77	28413	4.910	ug/l	92
32) 1,1,1-Trichloroethane	5.403	97	31958	4.789	ug/l #	68
33) Carbon Tetrachloride	5.702	117	12470m	2.641	ug/l	
34) Benzene	6.050	78	82862	5.208	ug/l	99
35) Methacrylonitrile	4.946	41	12800m	4.651	ug/l	
36) 1,2-Dichloroethane	6.098	62	28794	5.039	ug/l	97
37) Trichloroethene	7.141	130	20214	5.048	ug/l	88
38) Methylcyclohexane	7.391	83	34703	4.995	ug/l	98
39) 1,2-Dichloropropane	7.440	63	20619	5.055	ug/l	97
40) Dibromomethane	7.592	93	11302	3.972	ug/l	84
41) Bromodichloromethane	7.830	83	27740	4.659	ug/l	92
42) Vinyl Acetate	3.739	43	277547	23.717	ug/l	100

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 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

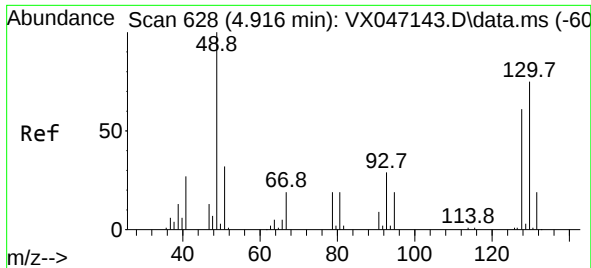
Quant Time: Jul 26 04:42:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X072525W.M
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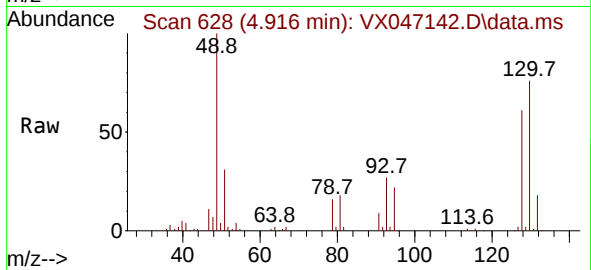
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.739	43	29012	4.998	ug/l #	83
44) Isopropyl Acetate	6.354	43	42422	4.645	ug/l	97
45) 1,4-Dioxane	7.726	88	5948m	104.208	ug/l	
46) Methyl methacrylate	7.702	41	20866	4.452	ug/l	83
47) n-amyl Acetate	10.841	43	38648	4.840	ug/l	97
48) t-1,3-Dichloropropene	8.982	75	26003	4.518	ug/l	98
49) cis-1,3-Dichloropropene	8.372	75	30476	4.841	ug/l #	89
50) 1,1,2-Trichloroethane	9.153	97	17967	4.748	ug/l #	92
51) Ethyl methacrylate	9.122	69	28306	4.588	ug/l	89
52) 1,3-Dichloropropane	9.311	76	33389	5.086	ug/l	99
53) Dibromochloromethane	9.525	129	14737m	10.604	ug/l	
54) 1,2-Dibromoethane	9.610	107	18009	4.546	ug/l	90
55) 2-Chloroethyl vinyl ether	8.244	63	65439	21.753	ug/l	98
56) Bromoform	10.805	173	5569m	98.896	ug/l	
58) 4-Methyl-2-Pentanone	8.580	43	133214	24.168	ug/l	99
59) 2-Hexanone	9.433	43	95135	24.398	ug/l	100
61) Tetrachloroethene	9.275	164	17856	5.162	ug/l	98
62) Toluene	8.720	91	89210	5.050	ug/l	99
64) Chlorobenzene	10.079	112	56194	4.960	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	16990	4.744	ug/l	82
66) Ethyl Benzene	10.195	91	100361	4.965	ug/l	100
67) m/p-Xylenes	10.299	106	75388	10.064	ug/l	95
68) o-Xylene	10.640	106	36993	5.121	ug/l	98
69) Styrene	10.658	104	59499	4.802	ug/l	98
70) Isopropylbenzene	10.963	105	99838	5.188	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	28786	5.042	ug/l	94
72) 1,2,3-Trichloropropane	11.238	75	19866m	4.518	ug/l	
73) Bromobenzene	11.195	156	24752	5.374	ug/l	98
74) n-propylbenzene	11.305	91	118105	5.112	ug/l	100
75) 2-Chlorotoluene	11.366	91	69983	5.119	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	81649	5.157	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	2326m	3.575	ug/l	
78) 4-Chlorotoluene	11.451	91	82617	5.241	ug/l	99
79) tert-butylbenzene	11.713	119	82208	5.188	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	82849	5.276	ug/l	97
81) sec-Butylbenzene	11.890	105	102797	5.199	ug/l	98
82) p-Isopropyltoluene	12.006	119	85865	5.226	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	43842	5.095	ug/l	97
84) 1,4-Dichlorobenzene	12.042	146	46300	5.429	ug/l	97
85) n-Butylbenzene	12.329	91	80922	5.132	ug/l	98
86) Hexachloroethane	12.542	117	5259m	2.302	ug/l	
87) 1,2-Dichlorobenzene	12.335	146	42748	5.297	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	6368	5.153	ug/l #	71
89) 1,2,4-Trichlorobenzene	13.585	180	27468	4.923	ug/l	98
90) Hexachlorobutadiene	13.725	225	10382m	8.373	ug/l	
91) Naphthalene	13.774	128	139120	7.386	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	26253	4.903	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

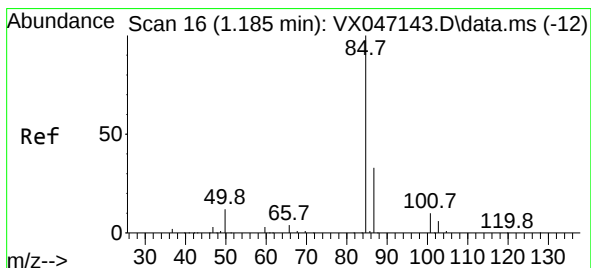
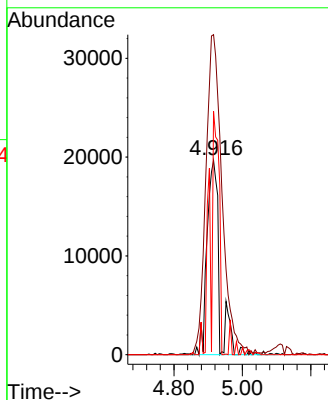
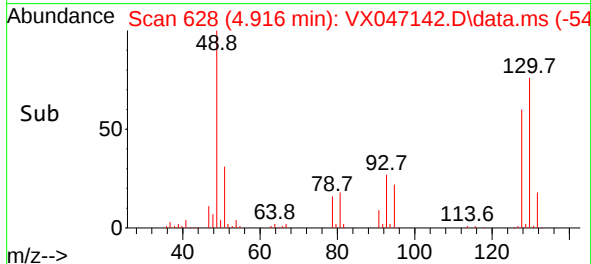
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



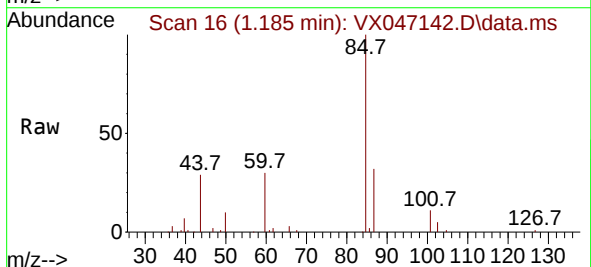
Tgt Ion:128 Resp: 4823
Ion Ratio Lower Upper
128 100
49 219.5 0.0 0.0
130 64.9 0.0 0.0

Manual Integrations
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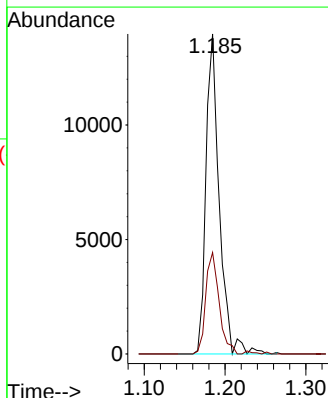
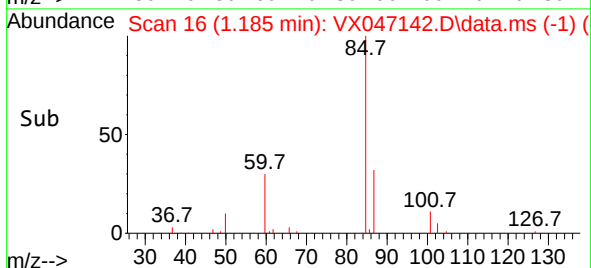
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

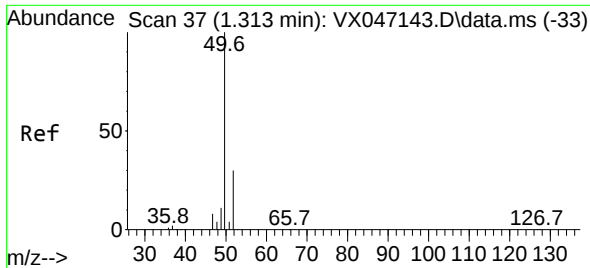


#2
Dichlorodifluoromethane
Concen: 2.907 ug/l m
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18



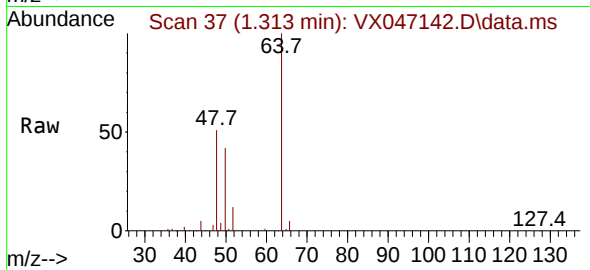
Tgt Ion: 85 Resp: 15962
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.1





#3
Chloromethane
Concen: 4.231 ug/l
RT: 1.313 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

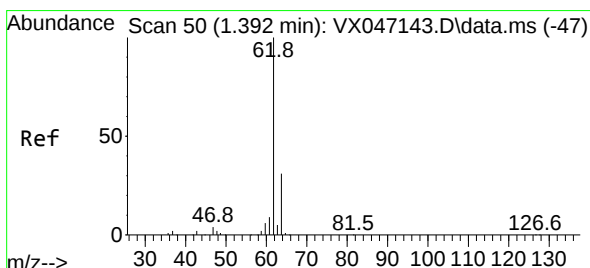
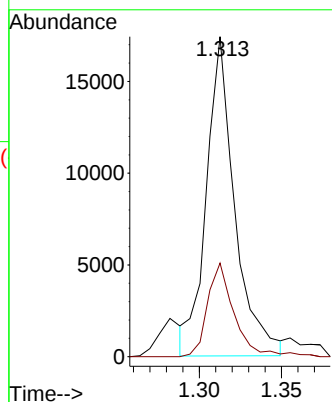
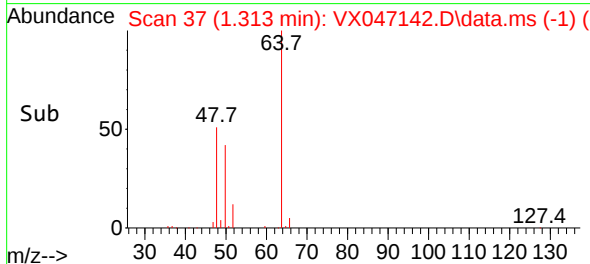
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 2087
Ion Ratio Lower Upper
50 100
52 29.7 24.4 36.6

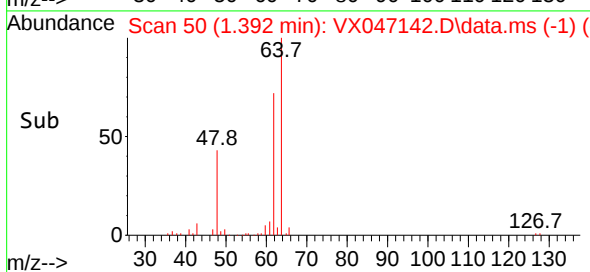
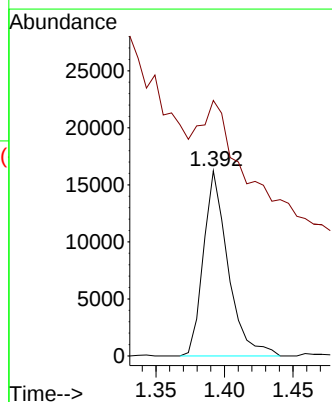
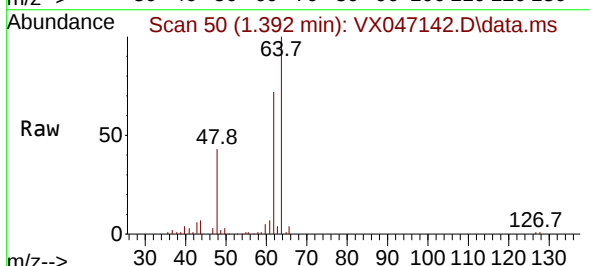
Manual Integrations
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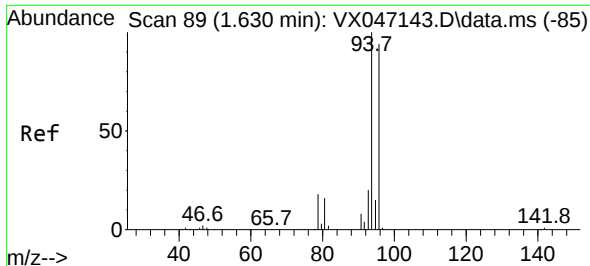
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#4
Vinyl Chloride
Concen: 3.436 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

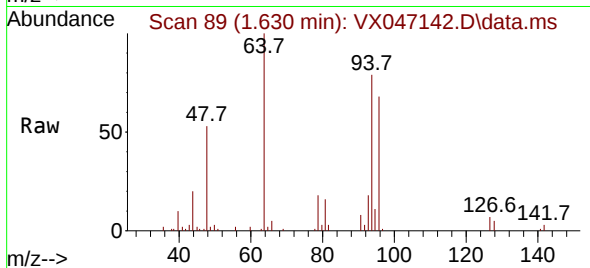
Tgt Ion: 62 Resp: 20302
Ion Ratio Lower Upper
62 100
64 49.9 25.7 38.5





#5
Bromomethane
Concen: 3.717 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

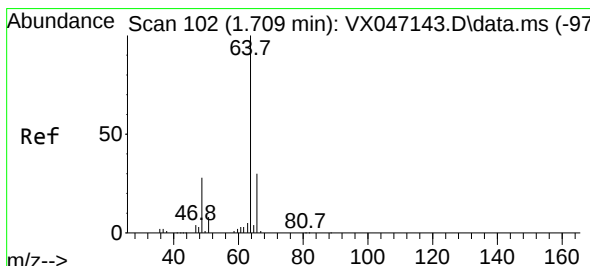
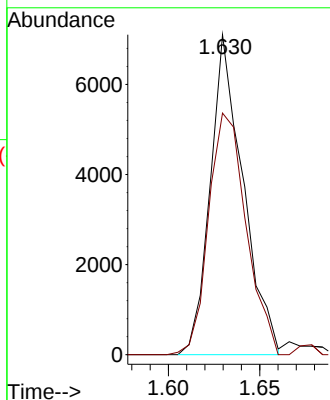
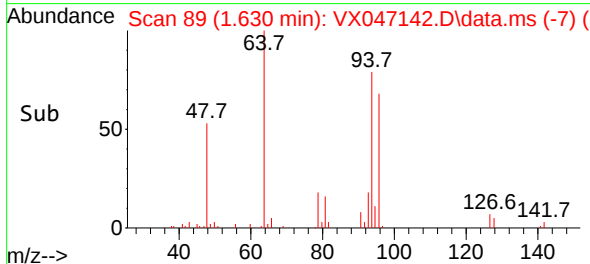
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



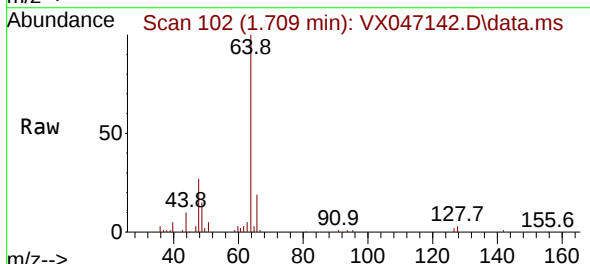
Tgt Ion: 94 Resp: 887
Ion Ratio Lower Upper
94 100
96 76.5 66.0 99.0

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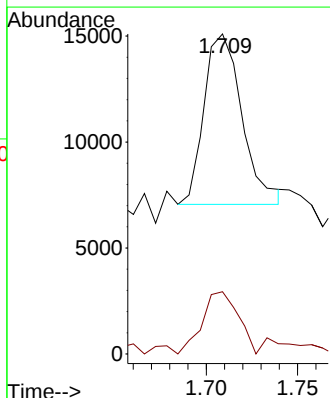
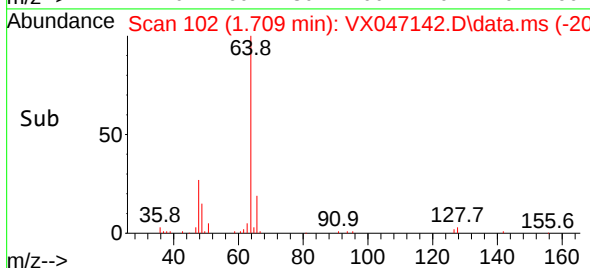
Reviewed By :John Carlone 07/28/2025
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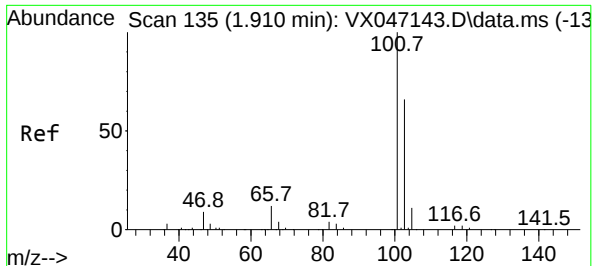


#6
Chloroethane
Concen: 3.498 ug/l
RT: 1.709 min Scan# 102
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18



Tgt Ion: 64 Resp: 11665
Ion Ratio Lower Upper
64 100
66 38.8 24.3 36.5#





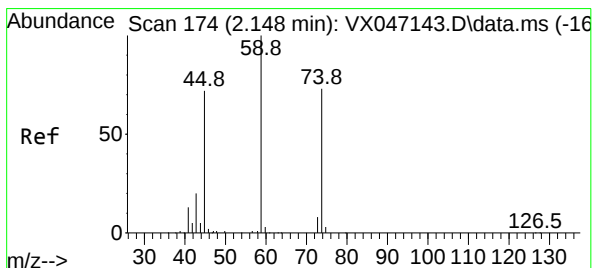
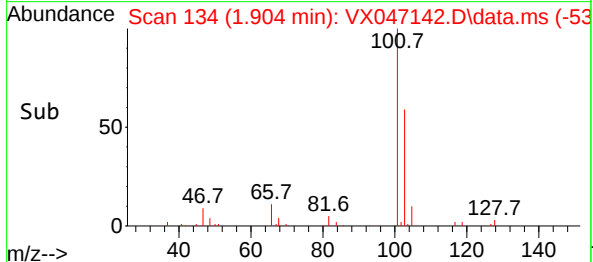
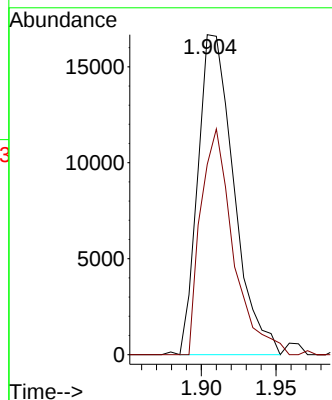
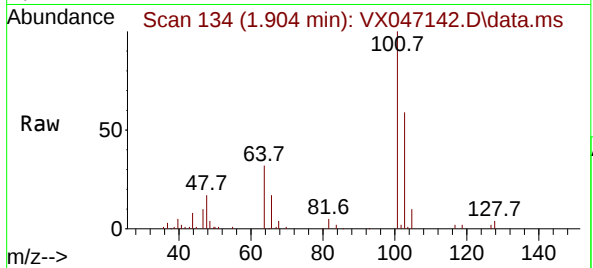
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 Trichlorofluoromethane
 Concen: 3.479 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX047142.D
 Acq: 25 Jul 2025 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 27925
 Ion Ratio Lower Upper
 101 100
 103 58.3 52.4 78.6

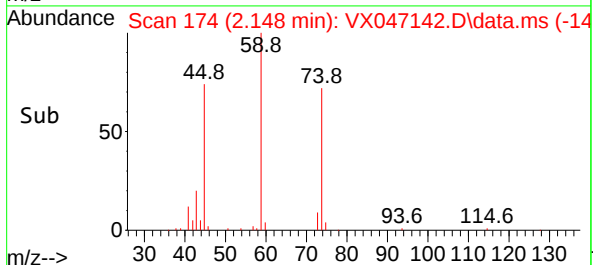
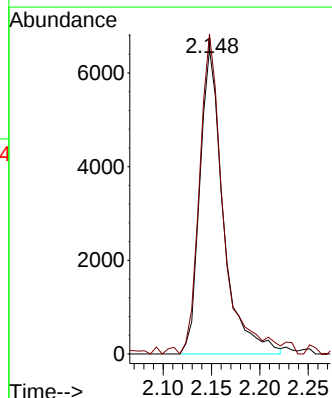
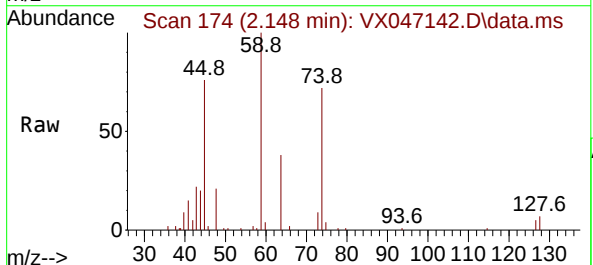
Manual Integrations
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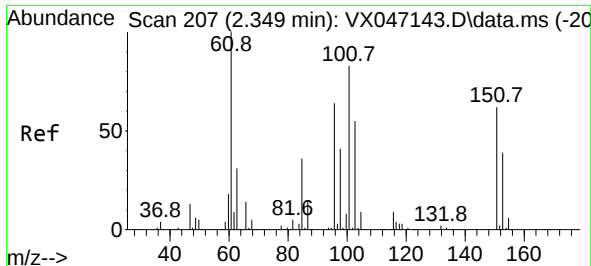
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025



#8
 Diethyl Ether
 Concen: 3.769 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. -0.000 min
 Lab File: VX047142.D
 Acq: 25 Jul 2025 15:18

Tgt Ion: 74 Resp: 11040
 Ion Ratio Lower Upper
 74 100
 45 102.6 22.0 197.6





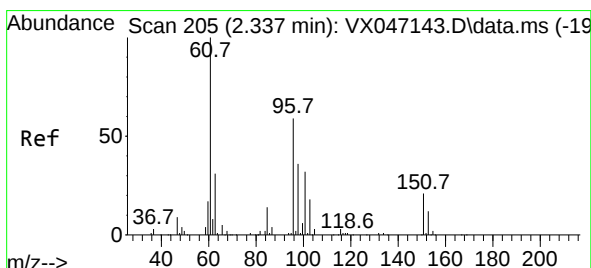
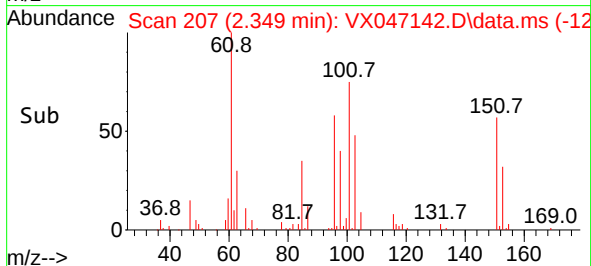
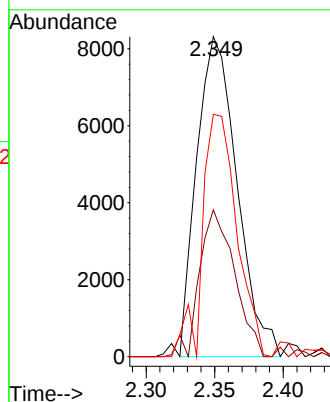
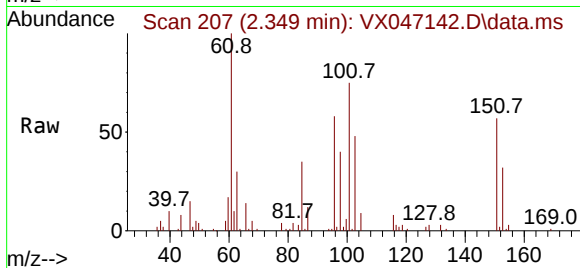
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1,1,2-Trichlorotrifluoroethane
Concen: 3.574 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 101 Resp: 17049
Ion Ratio Lower Upper
101 100
85 38.6 0.0 91.8
151 60.2 0.0 137.2

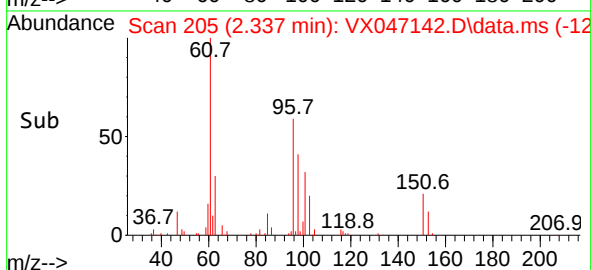
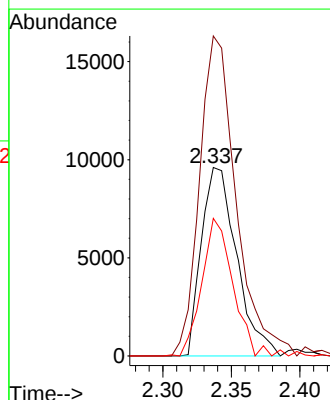
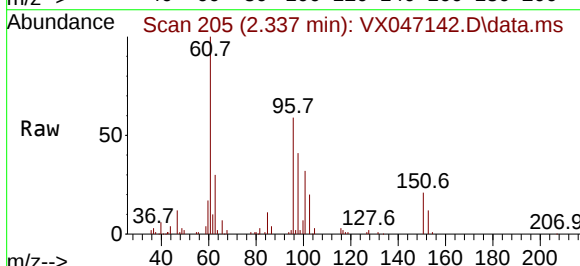
Manual Integrations
APPROVED

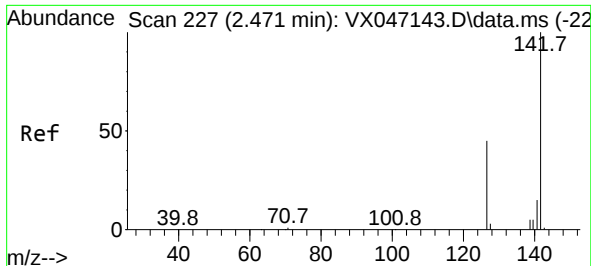
Reviewed By : John Carlone 07/28/2025
Supervised By : Mahesh Dadoda 07/28/2025



#10
1,1-Dichloroethene
Concen: 3.524 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

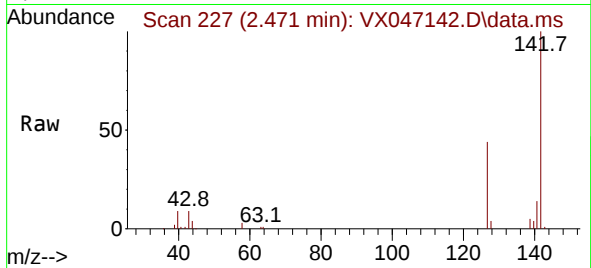
Tgt Ion: 96 Resp: 17195
Ion Ratio Lower Upper
96 100
61 173.3 145.5 218.3
98 70.4 49.5 74.3





#11
Methyl Iodide
Concen: 2.832 ug/l
RT: 2.471 min Scan# 21329
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

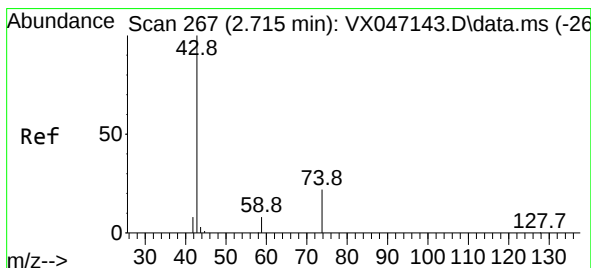
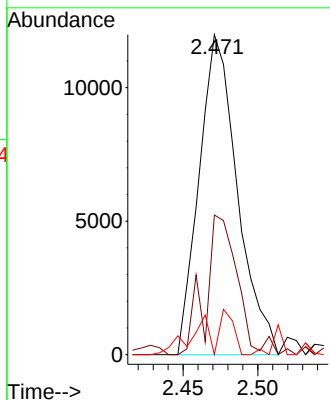
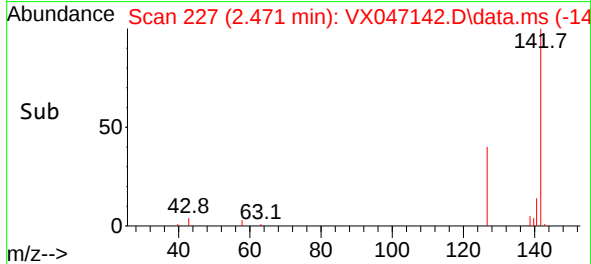
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:142 Resp: 21329
Ion Ratio Lower Upper
142 100
127 45.3 0.9 2.8
141 92.4 55.5 166.5

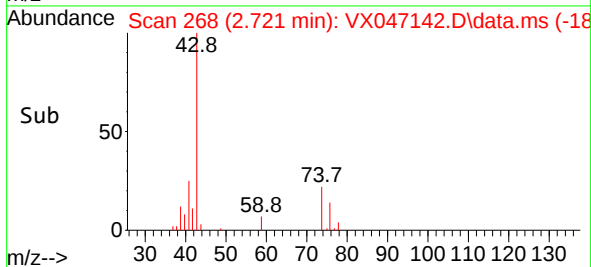
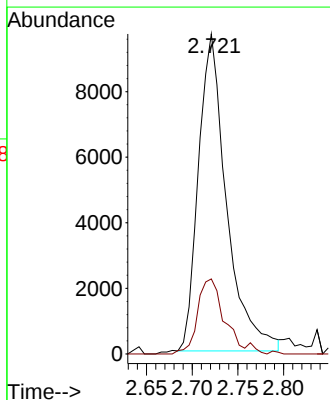
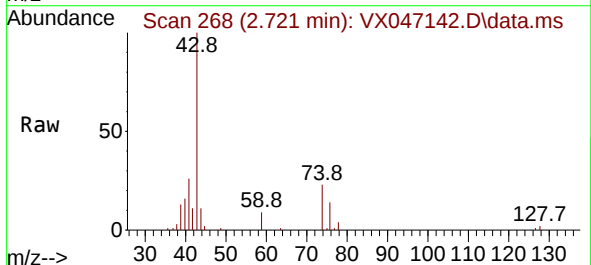
Manual Integrations
APPROVED

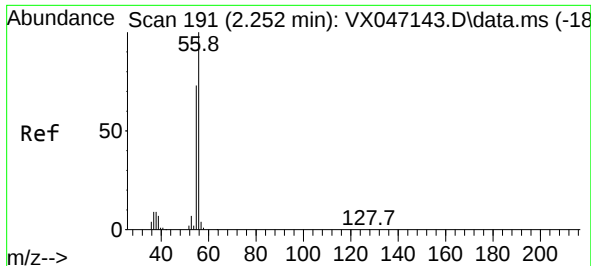
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#12
Methyl Acetate
Concen: 3.406 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 43 Resp: 20687
Ion Ratio Lower Upper
43 100
74 24.7 18.4 27.6





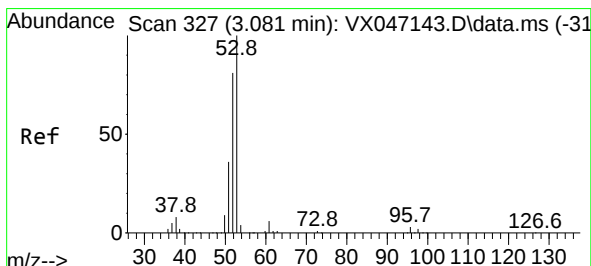
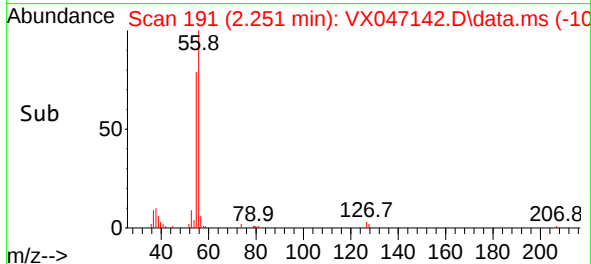
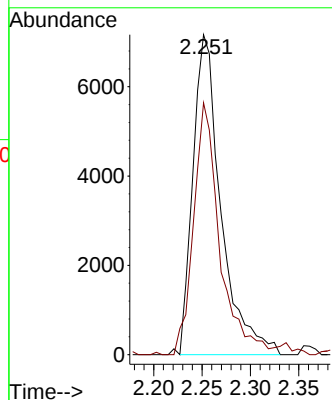
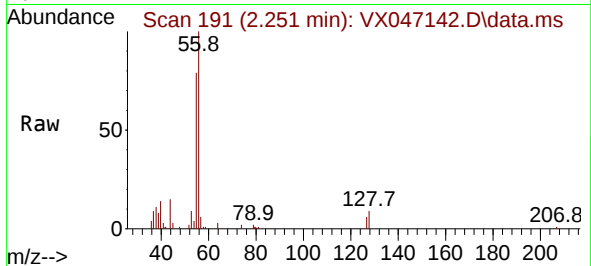
#13
Acrolein
Concen: 17.775 ug/l
RT: 2.251 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 56 Resp: 14439
Ion Ratio Lower Upper
56 100
55 73.2 56.8 85.2

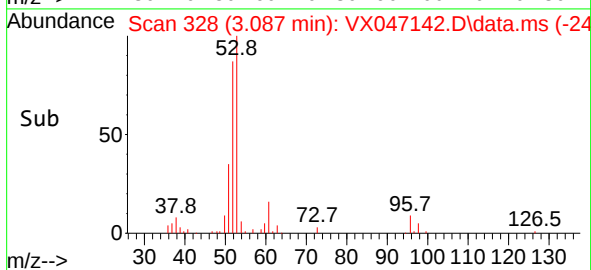
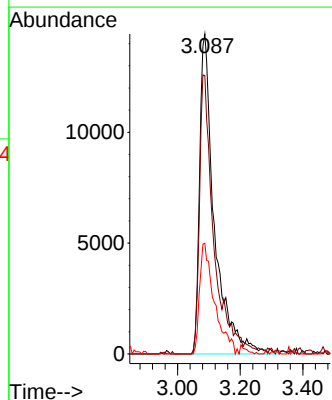
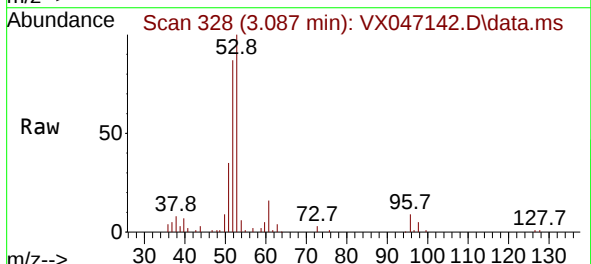
Manual Integrations
APPROVED

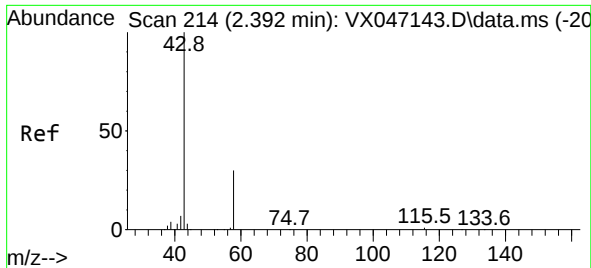
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#14
Acrylonitrile
Concen: 19.065 ug/l m
RT: 3.087 min Scan# 328
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

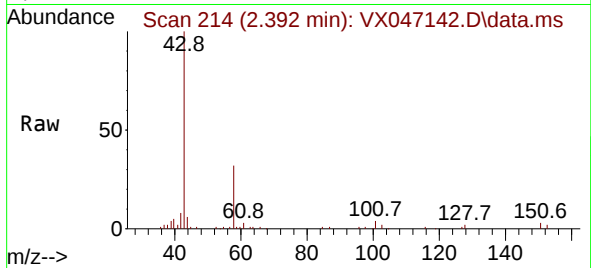
Tgt Ion: 53 Resp: 47792
Ion Ratio Lower Upper
53 100
52 71.8 41.3 123.7
51 31.6 17.2 51.5





#15
Acetone
Concen: 21.895 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

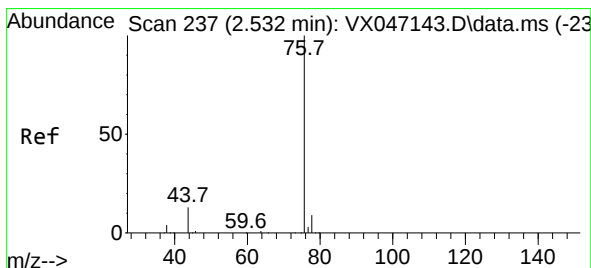
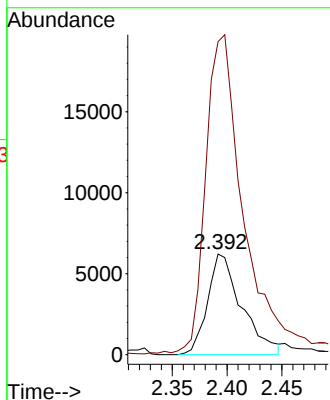
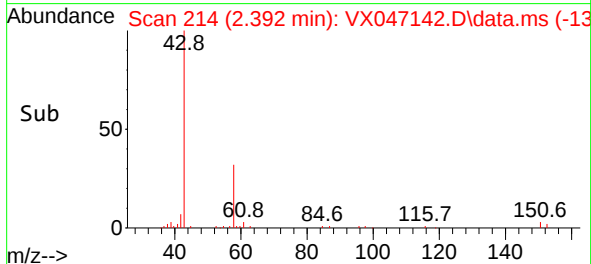
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 58 Resp: 13474
Ion Ratio Lower Upper
58 100
43 306.0 266.9 400.3

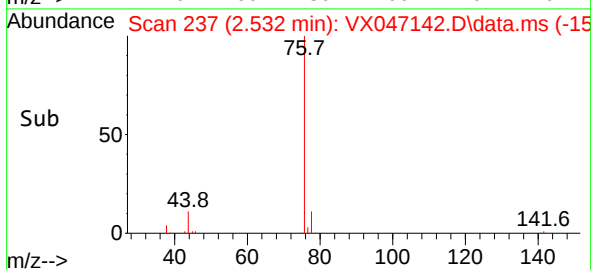
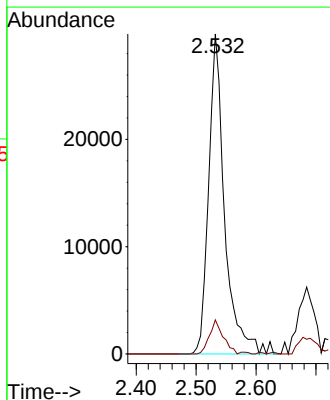
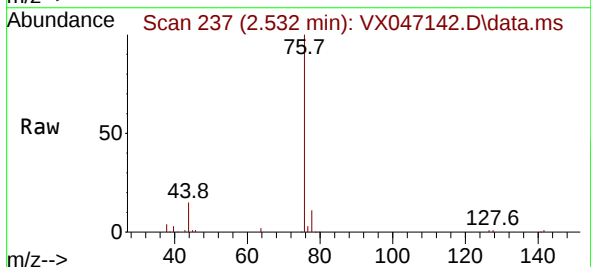
Manual Integrations
APPROVED

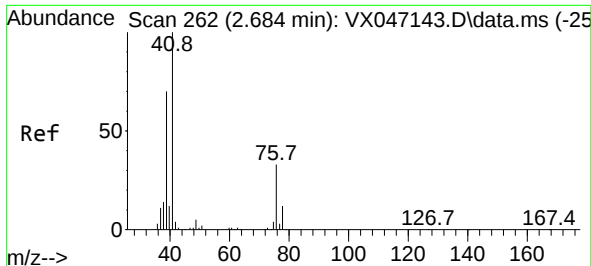
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#16
Carbon Disulfide
Concen: 3.906 ug/l m
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 76 Resp: 55262
Ion Ratio Lower Upper
76 100
78 11.0 7.1 10.7#





#17

Allyl chloride

Concen: 3.886 ug/l

RT: 2.684 min Scan# 262

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 41 Resp: 3240

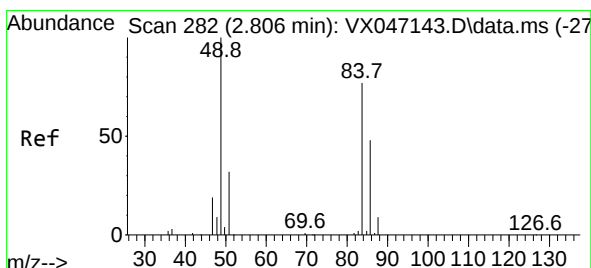
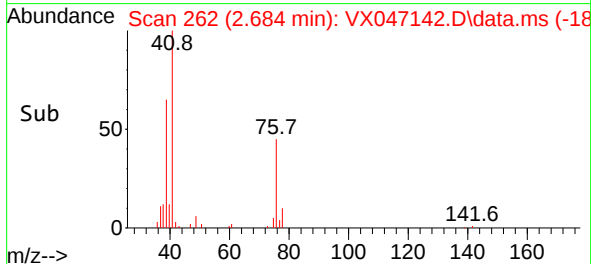
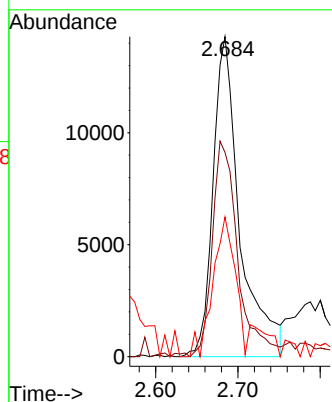
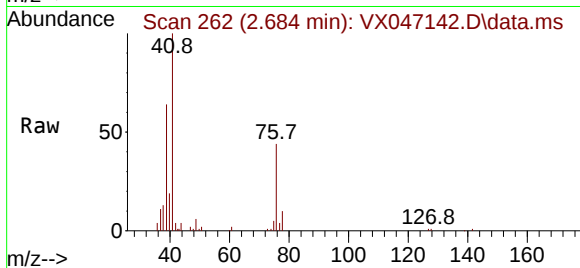
Ion	Ratio	Lower	Upper
41	100		
39	60.8	34.3	102.8
76	43.6	16.7	50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#18

Methylene Chloride

Concen: 3.569 ug/l

RT: 2.806 min Scan# 282

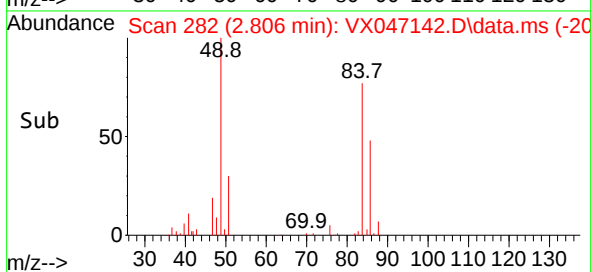
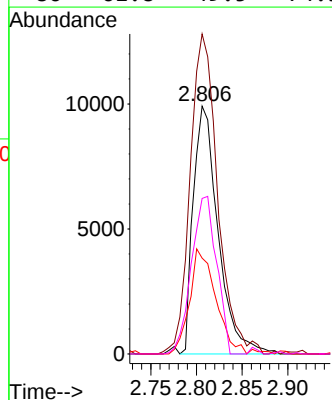
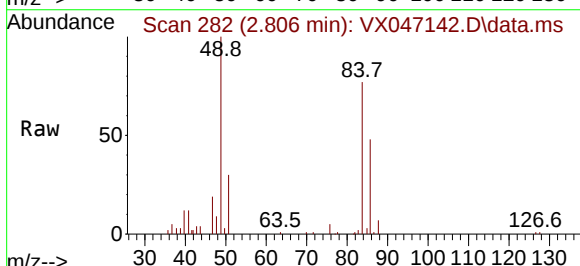
Delta R.T. -0.000 min

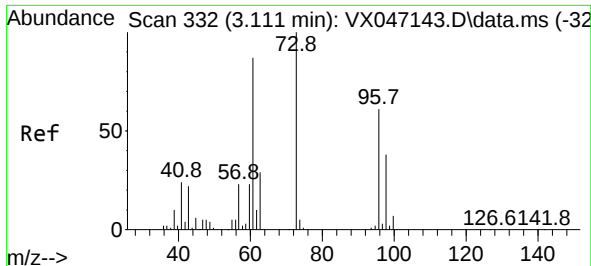
Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Tgt Ion: 84 Resp: 18799

Ion	Ratio	Lower	Upper
84	100		
49	133.4	107.9	161.9
51	37.4	33.4	50.2
86	61.8	49.5	74.3





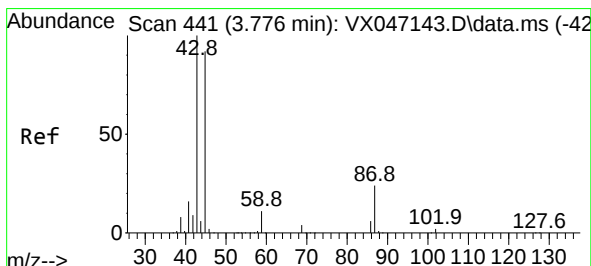
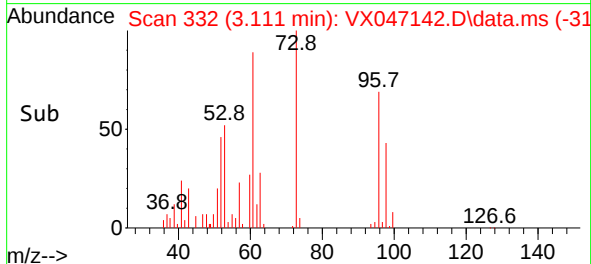
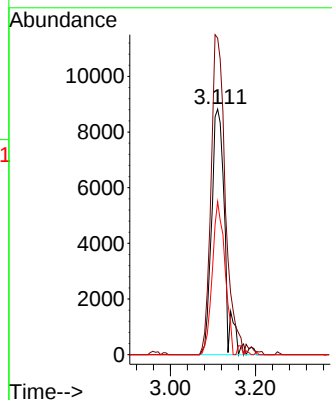
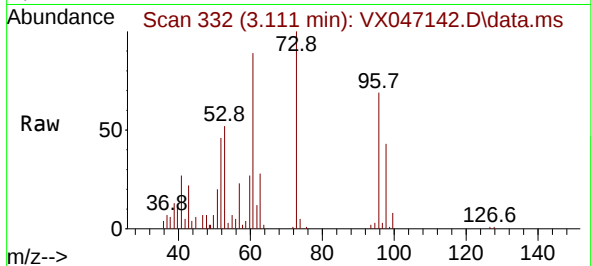
#19
trans-1,2-Dichloroethene
Concen: 3.839 ug/l m
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 1918
Ion Ratio Lower Upper
96 100
61 128.9 122.3 183.5
98 62.3 50.2 75.2

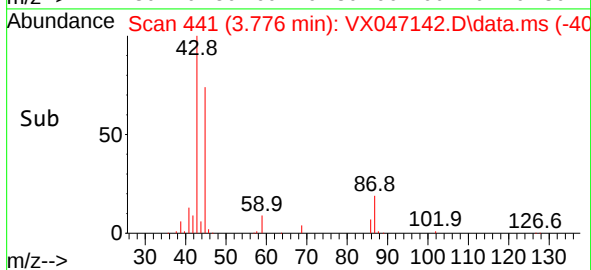
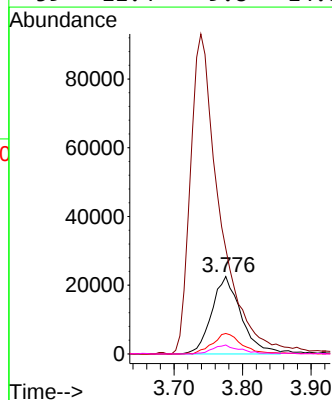
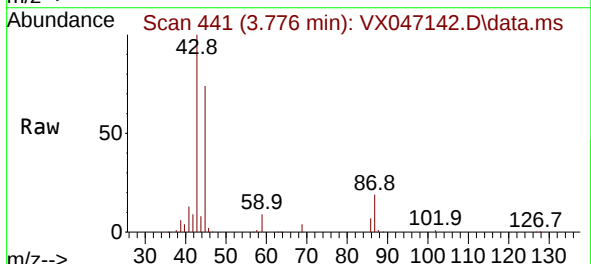
Manual Integrations
APPROVED

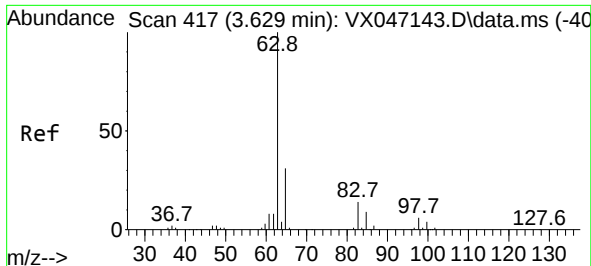
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#20
Diisopropyl ether
Concen: 3.759 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

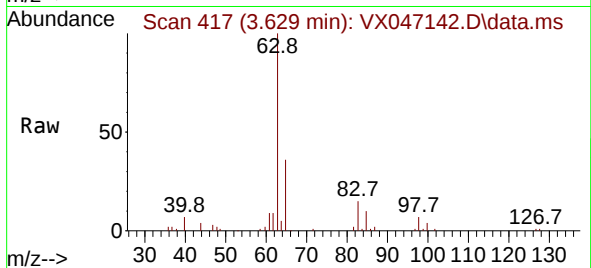
Tgt Ion: 45 Resp: 67017
Ion Ratio Lower Upper
45 100
43 120.2 89.1 133.7
87 27.4 21.3 31.9
59 11.4 9.8 14.8





#21
1,1-Dichloroethane
Concen: 3.699 ug/l
RT: 3.629 min Scan# 417
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

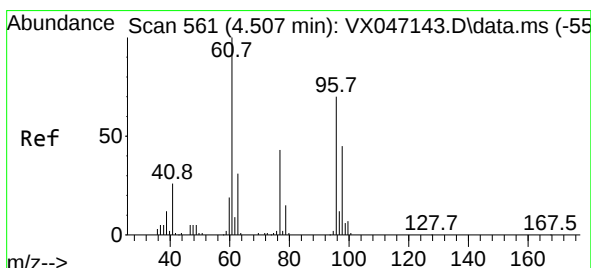
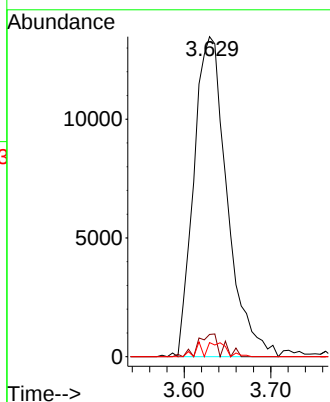
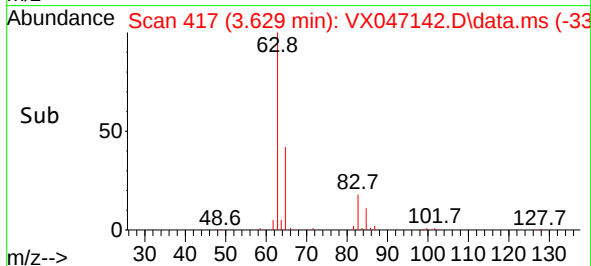
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 63 Resp: 3588
Ion Ratio Lower Upper
63 100
98 6.6 3.5 10.5
100 4.2 2.2 6.6

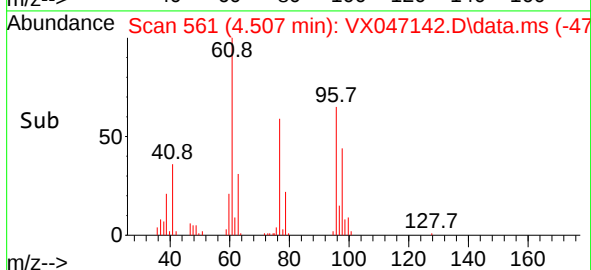
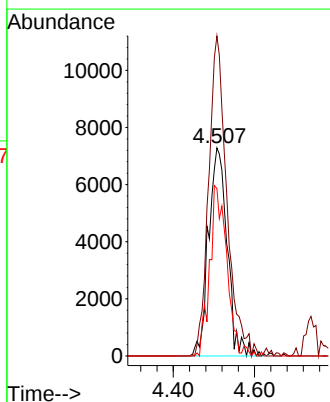
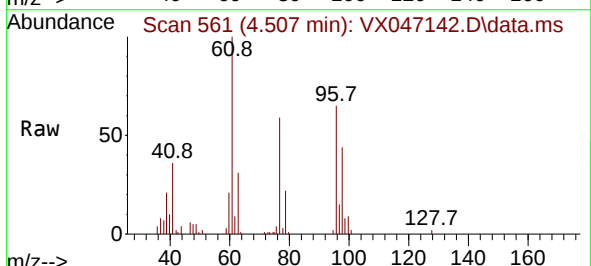
Manual Integrations
APPROVED

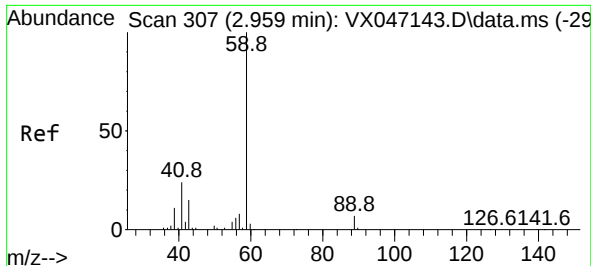
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#22
cis-1,2-Dichloroethene
Concen: 3.812 ug/l m
RT: 4.507 min Scan# 561
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 96 Resp: 23264
Ion Ratio Lower Upper
96 100
61 146.6 120.0 180.0
98 66.8 52.8 79.2





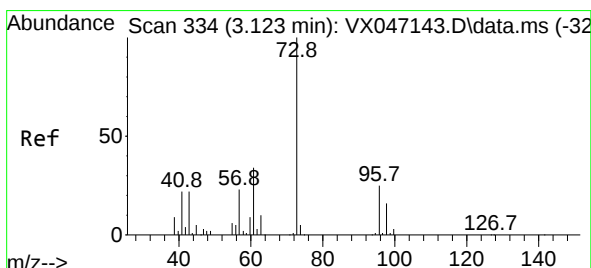
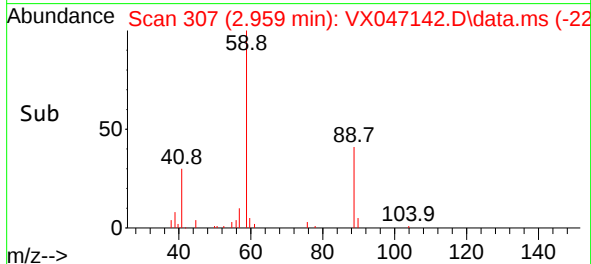
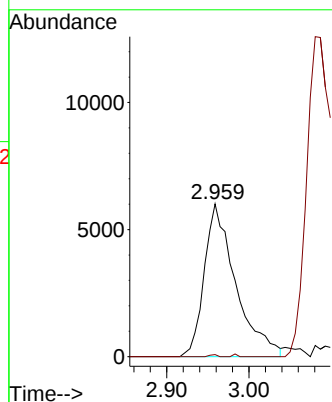
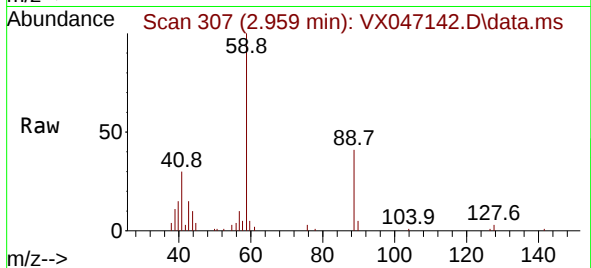
#23
tert-Butyl Alcohol
Concen: 22.986 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 15997
Ion Ratio Lower Upper
59 100
52 0.3 0.2 0.2

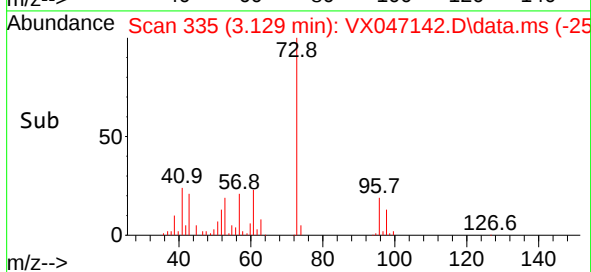
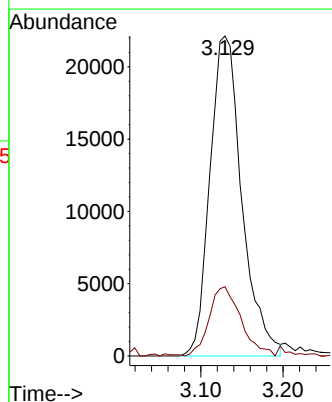
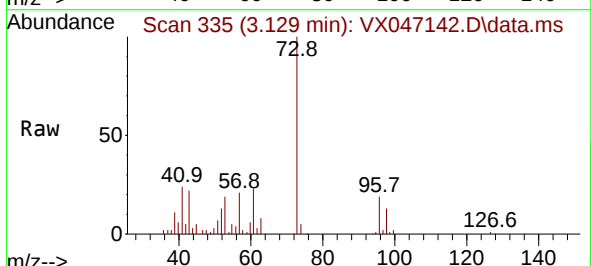
Manual Integrations
APPROVED

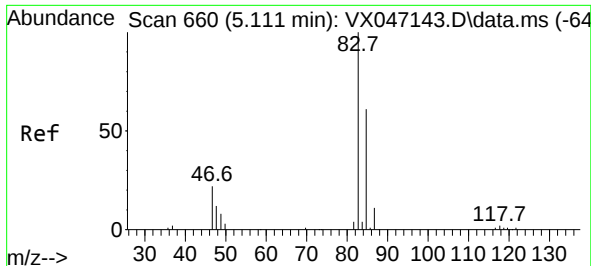
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#24
Methyl tert-Butyl Ether
Concen: 3.656 ug/l
RT: 3.129 min Scan# 335
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 73 Resp: 59761
Ion Ratio Lower Upper
73 100
43 21.2 16.9 25.3





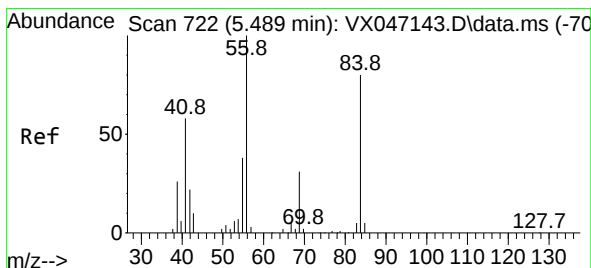
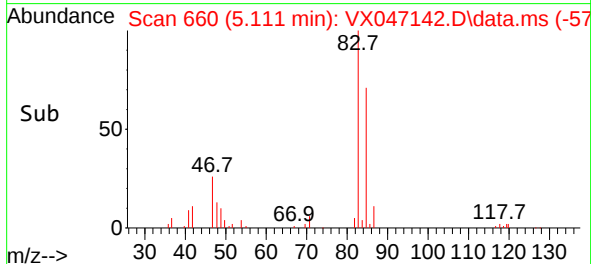
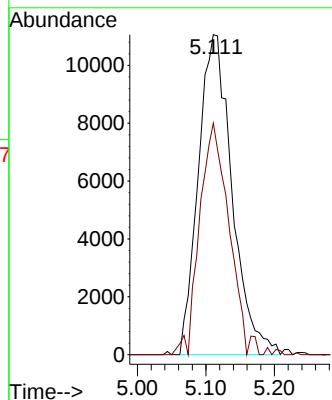
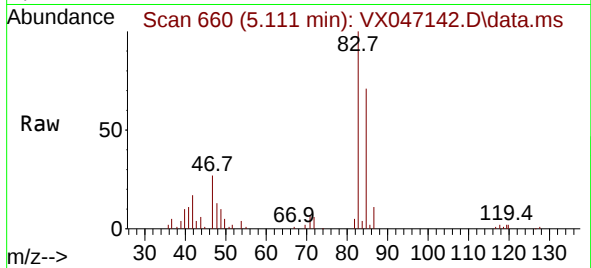
#25
Chloroform
Concen: 3.960 ug/l
RT: 5.111 min Scan# 660
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 3783
Ion Ratio Lower Upper
83 100
85 68.6 48.0 72.0

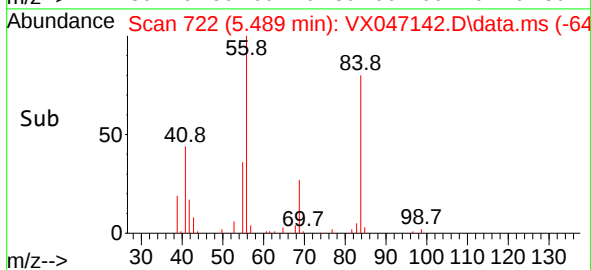
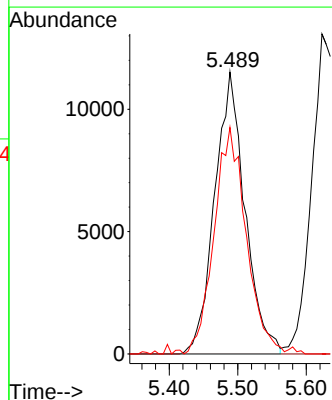
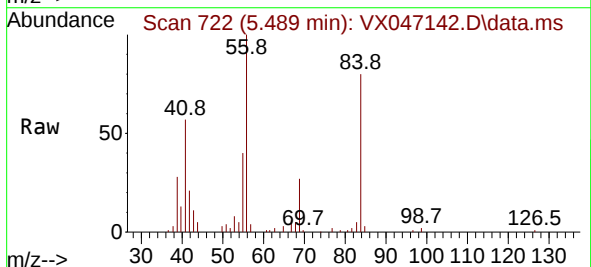
Manual Integrations
APPROVED

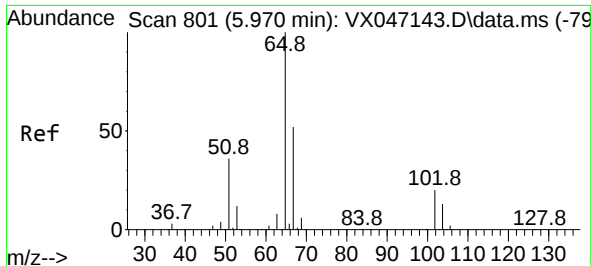
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#26
Cyclohexane
Concen: 3.757 ug/l
RT: 5.489 min Scan# 722
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 56 Resp: 35396
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.8 67.9 101.9





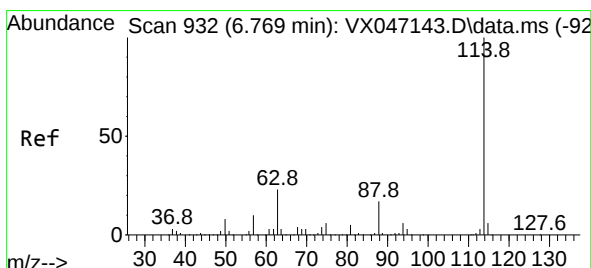
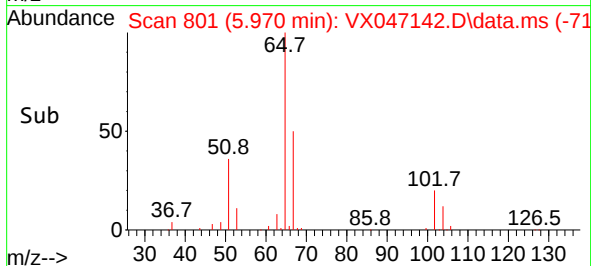
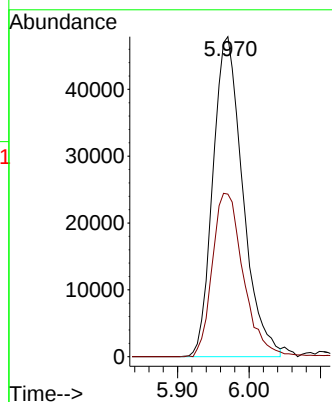
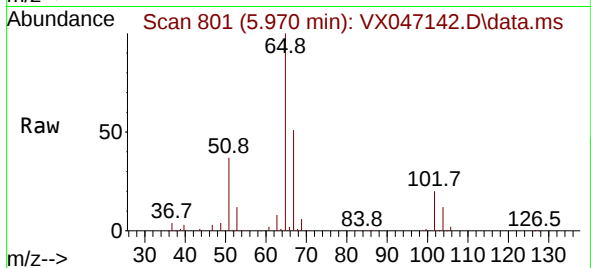
#27
1,2-Dichloroethane-d4
Concen: 22.808 ug/l
RT: 5.970 min Scan# 801
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 138949
Ion Ratio Lower Upper
65 100
67 53.2 40.7 61.1

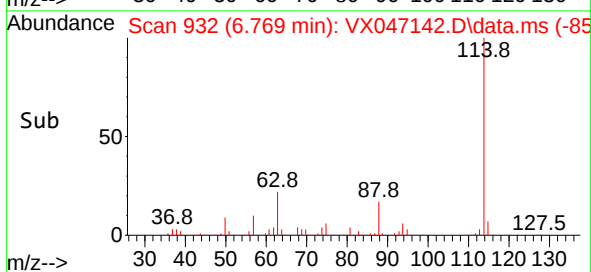
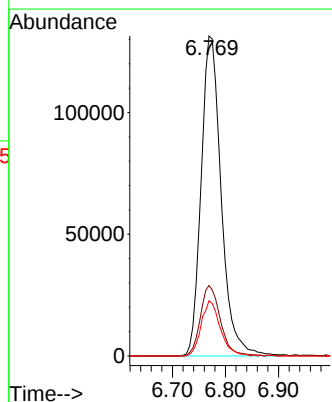
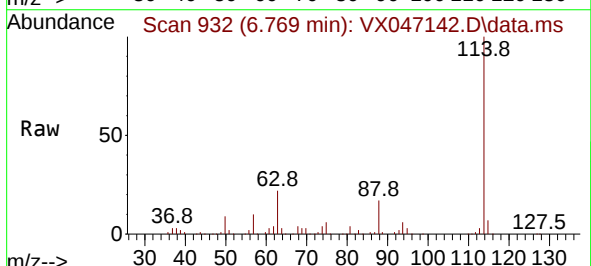
Manual Integrations
APPROVED

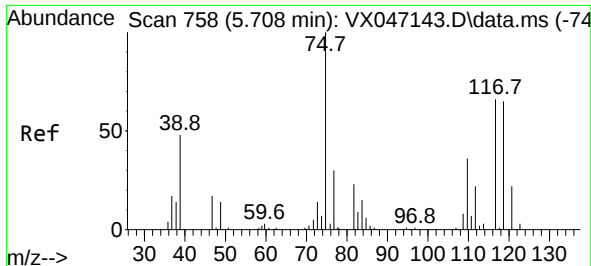
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion:114 Resp: 346035
Ion Ratio Lower Upper
114 100
63 21.7 17.4 26.0
88 16.4 13.0 19.6





#29

1,1-Dichloropropene

Concen: 4.818 ug/l

RT: 5.714 min Scan# 75

Delta R.T. 0.006 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

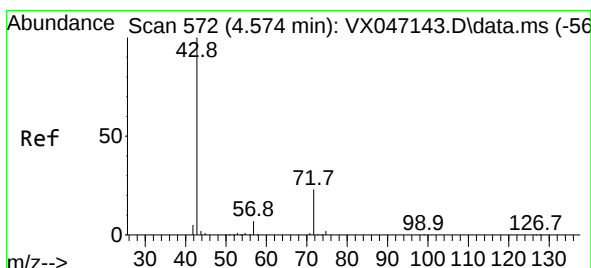
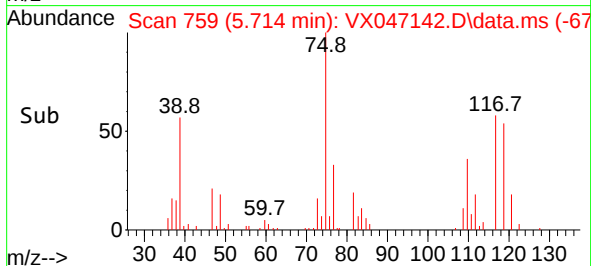
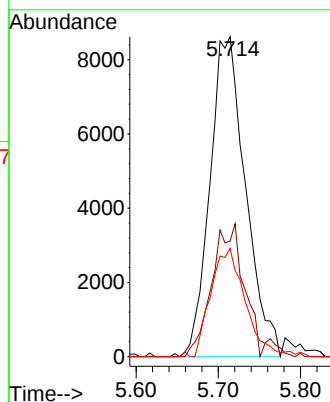
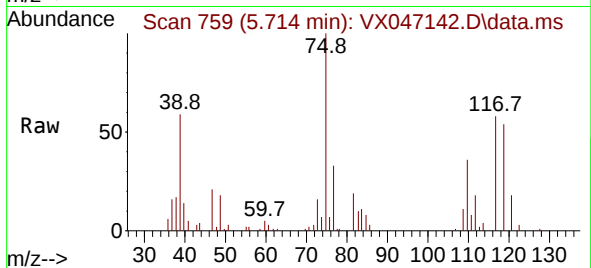
Tgt Ion:	75	Resp:	2596
Ion	Ratio	Lower	Upper
75	100		
110	18.7	0.0	70.8
77	32.2	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#30

2-Butanone

Concen: 25.054 ug/l

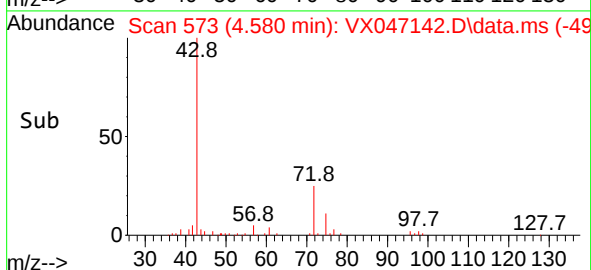
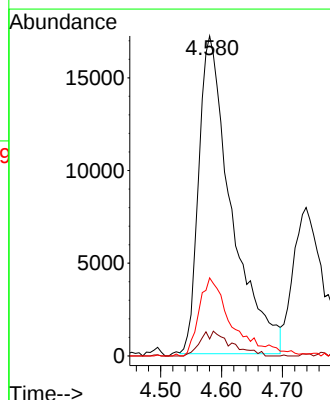
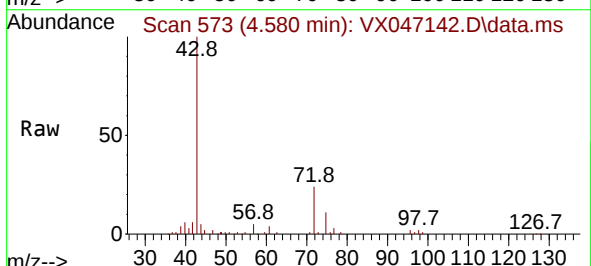
RT: 4.580 min Scan# 573

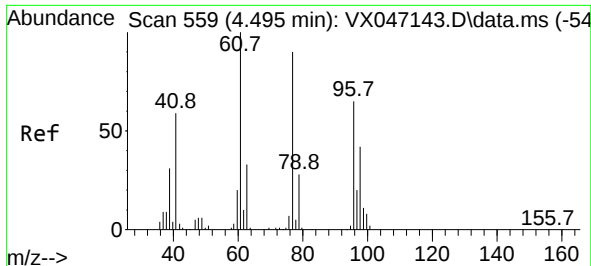
Delta R.T. 0.006 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

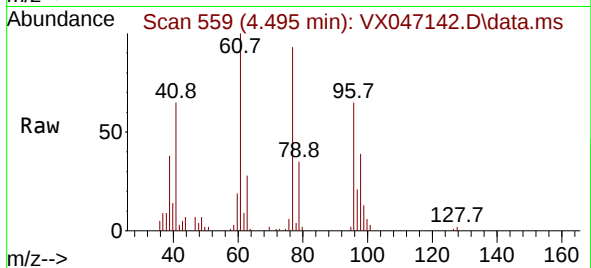
Tgt Ion:	43	Resp:	63779
Ion	Ratio	Lower	Upper
43	100		
57	2.3	5.9	8.9#
72	23.1	20.2	30.2





#31
2,2-Dichloropropane
Concen: 4.910 ug/l
RT: 4.495 min Scan# 511
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

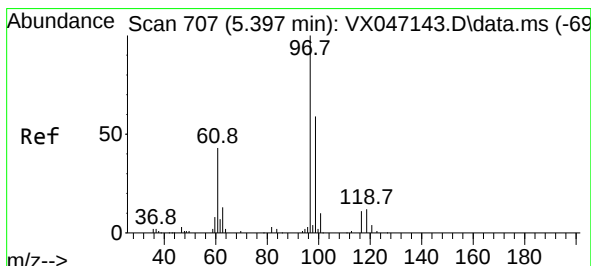
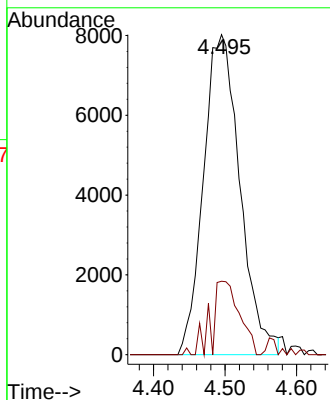
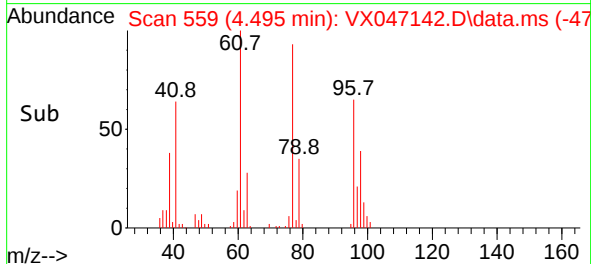
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 77 Resp: 2841
Ion Ratio Lower Upper
77 100
97 14.7 14.5 21.7

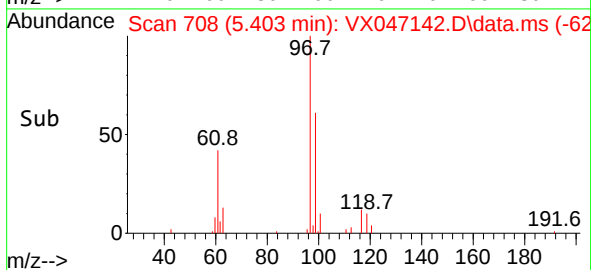
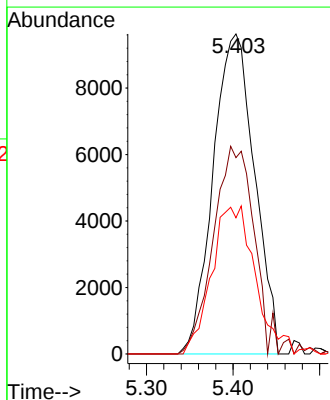
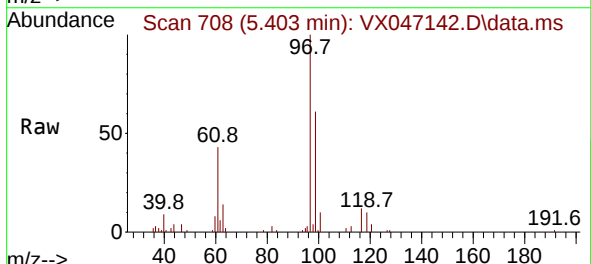
Manual Integrations
APPROVED

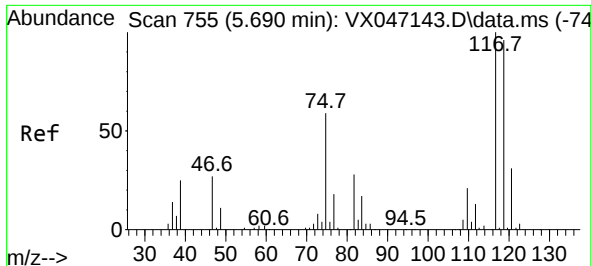
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#32
1,1,1-Trichloroethane
Concen: 4.789 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

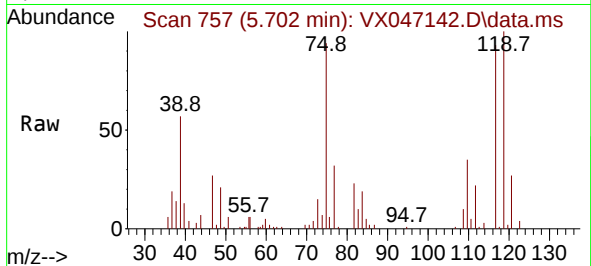
Tgt Ion: 97 Resp: 31958
Ion Ratio Lower Upper
97 100
99 61.8 30.0 45.0#
61 28.6 36.1 54.1#





#33
Carbon Tetrachloride
Concen: 2.641 ug/l m
RT: 5.702 min Scan# 755
Delta R.T. 0.012 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

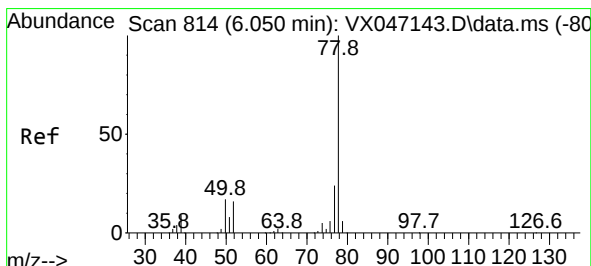
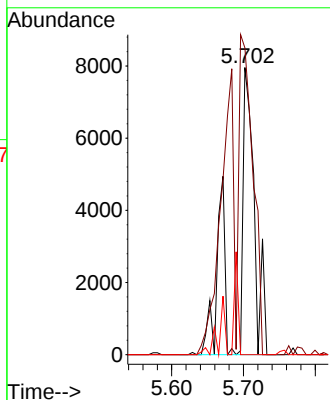
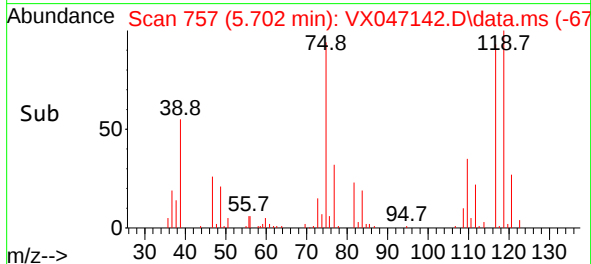
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 12470
Ion Ratio Lower Upper
117 100
119 107.7 76.5 114.7
121 0.0 0.5 0.7

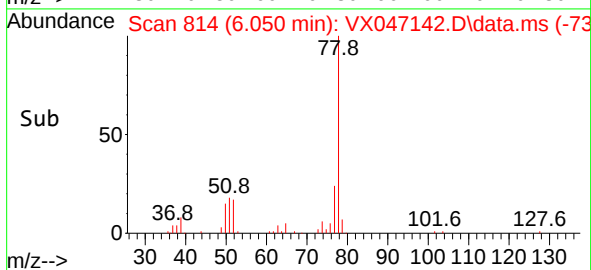
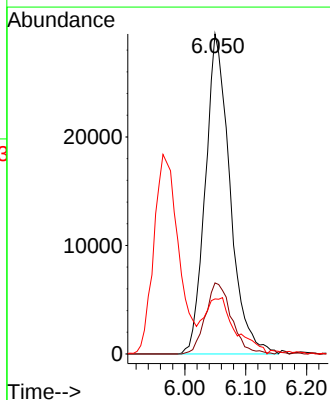
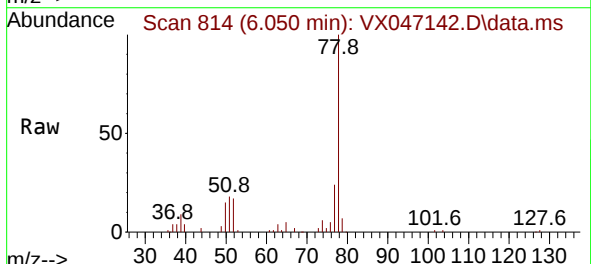
Manual Integrations
APPROVED

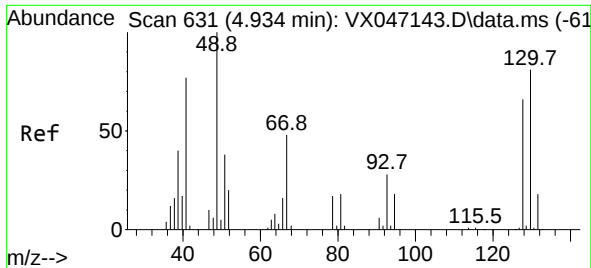
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#34
Benzene
Concen: 5.208 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

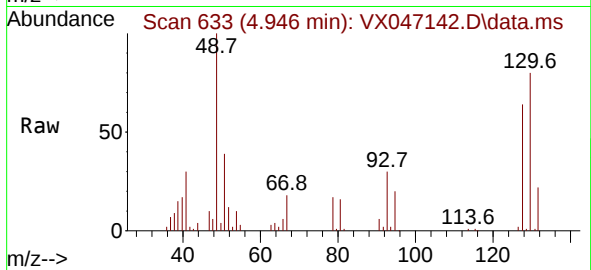
Tgt Ion: 78 Resp: 82862
Ion Ratio Lower Upper
78 100
77 22.2 17.6 26.4
51 16.0 13.8 20.6





#35
Methacrylonitrile
Concen: 4.651 ug/l m
RT: 4.946 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

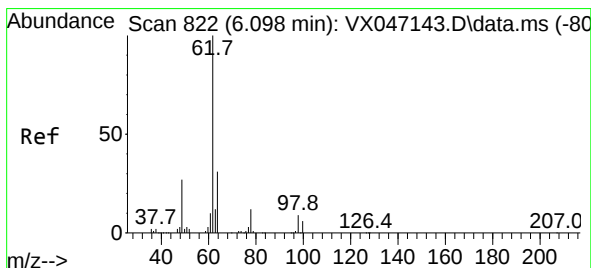
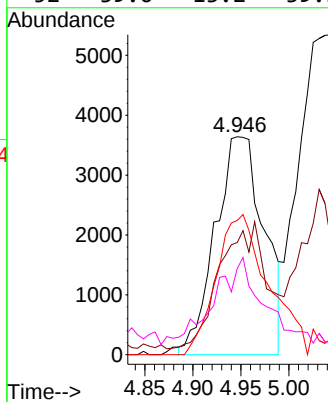
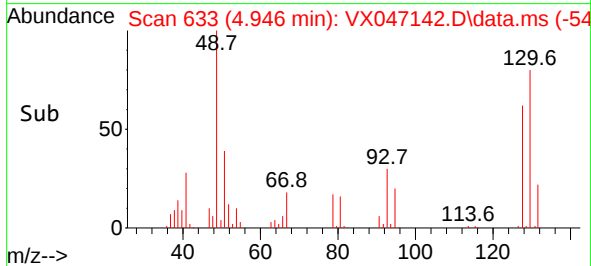
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 12800
Ion Ratio Lower Upper
41 100
39 51.5 26.2 78.5
67 61.6 31.4 94.3
52 39.6 13.2 39.5#

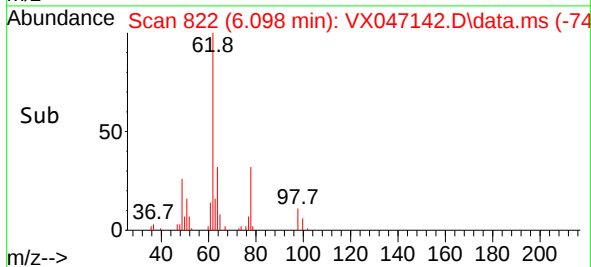
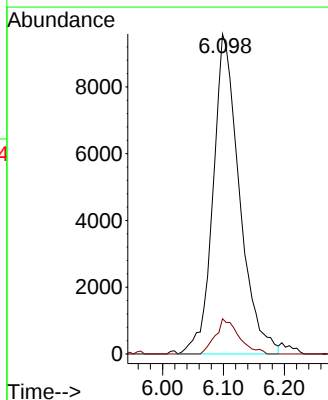
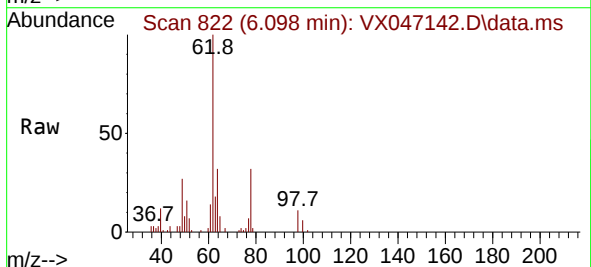
Manual Integrations
APPROVED

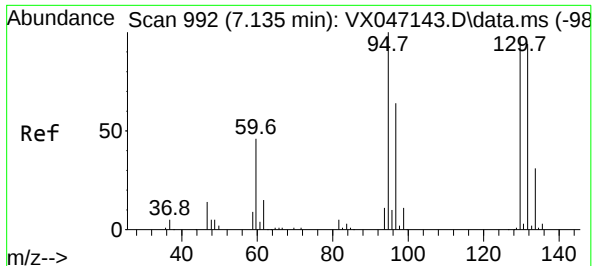
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#36
1,2-Dichloroethane
Concen: 5.039 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 62 Resp: 28794
Ion Ratio Lower Upper
62 100
98 9.5 6.7 10.1





#37

Trichloroethene

Concen: 5.048 ug/l

RT: 7.141 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 20214

Ion Ratio Lower Upper

130 100

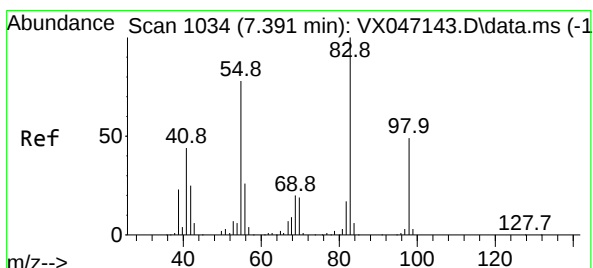
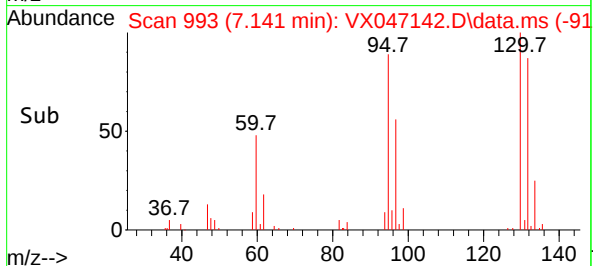
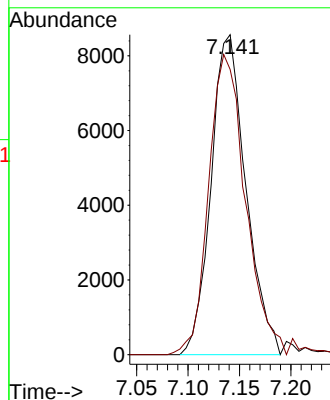
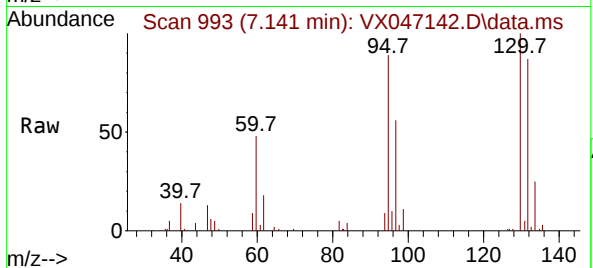
95 87.4 79.4 119.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#38

Methylcyclohexane

Concen: 4.995 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

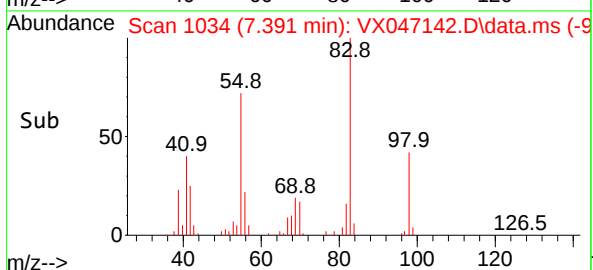
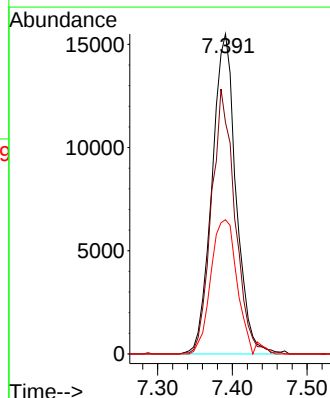
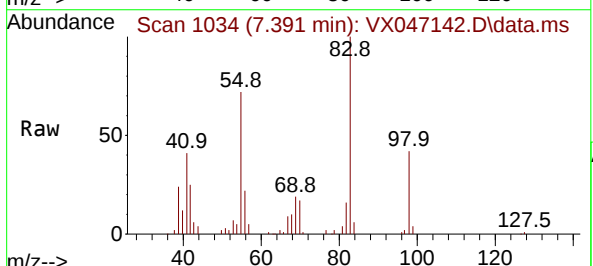
Tgt Ion: 83 Resp: 34703

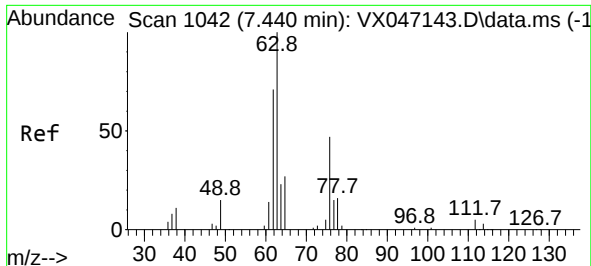
Ion Ratio Lower Upper

83 100

55 80.4 40.3 120.8

98 45.3 24.3 72.9





#39

1,2-Dichloropropane

Concen: 5.055 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 20619

Ion Ratio Lower Upper

63 100

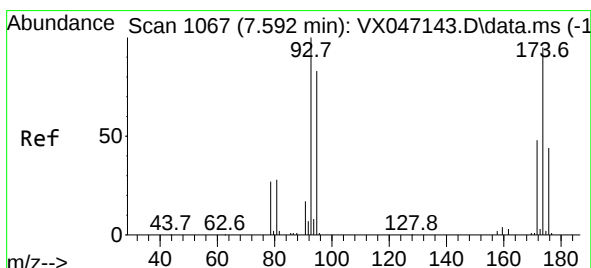
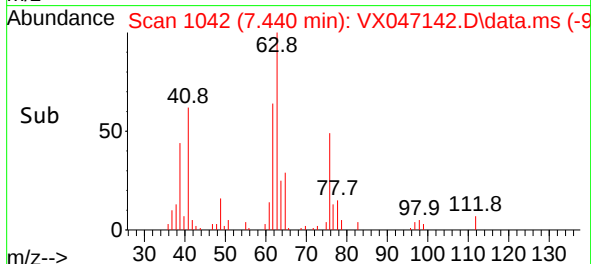
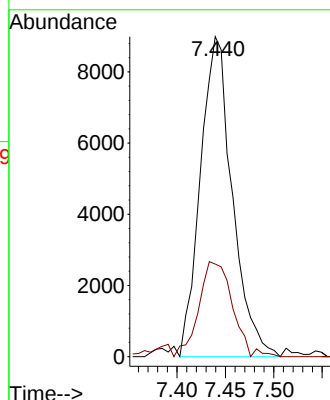
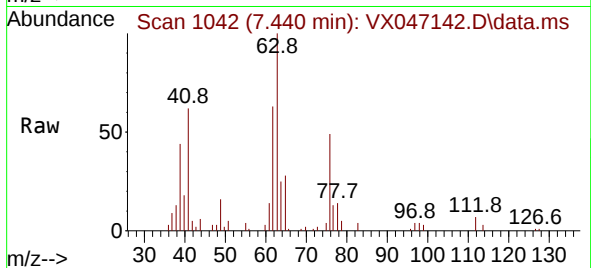
65 23.3 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#40

Dibromomethane

Concen: 3.972 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

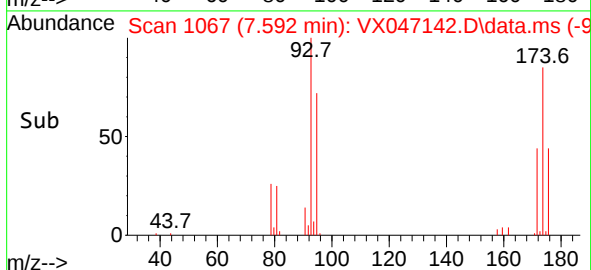
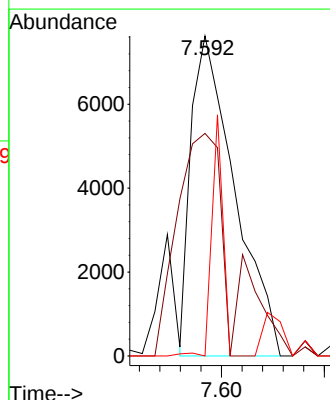
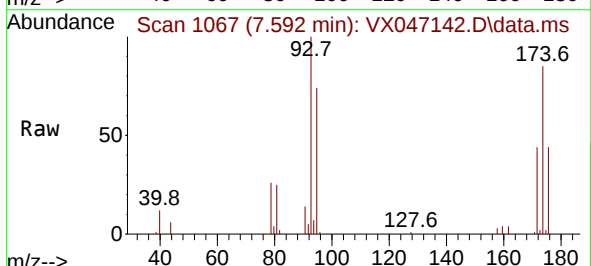
Tgt Ion: 93 Resp: 11302

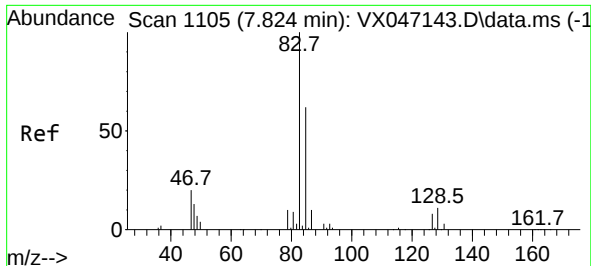
Ion Ratio Lower Upper

93 100

95 68.1 0.0 166.2

174 18.6 0.0 26.4





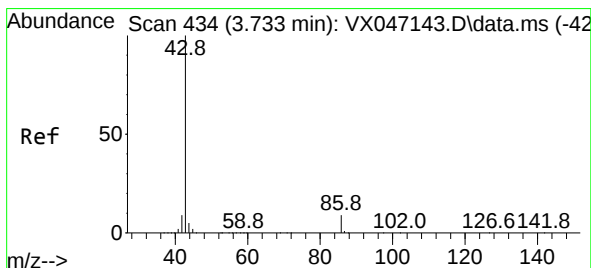
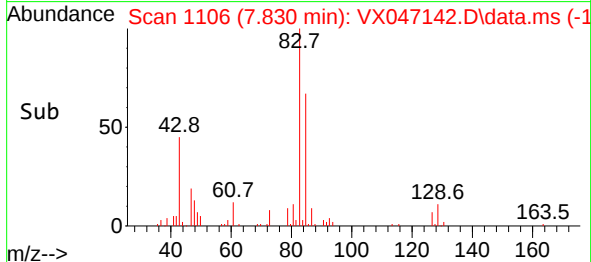
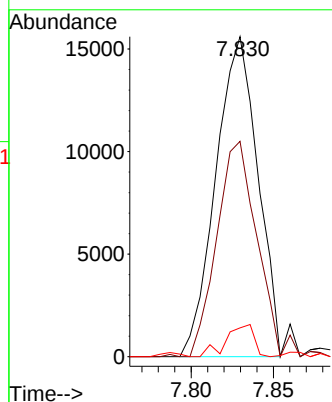
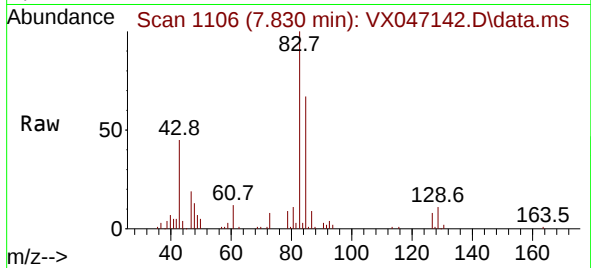
#41
Bromodichloromethane
Concen: 4.659 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 27740
Ion Ratio Lower Upper
83 100
85 65.4 47.2 70.8
127 8.4 7.1 10.7

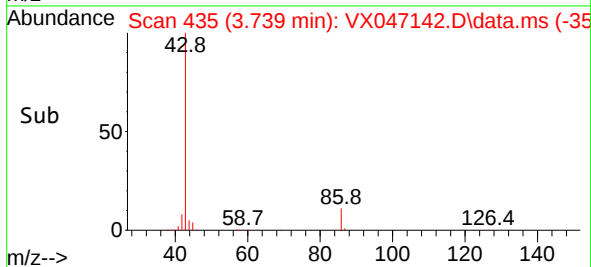
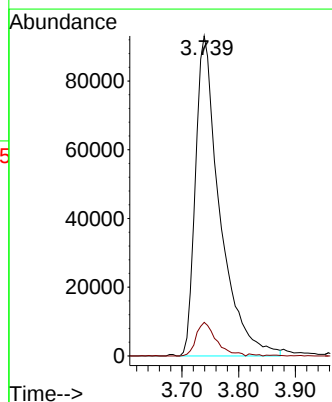
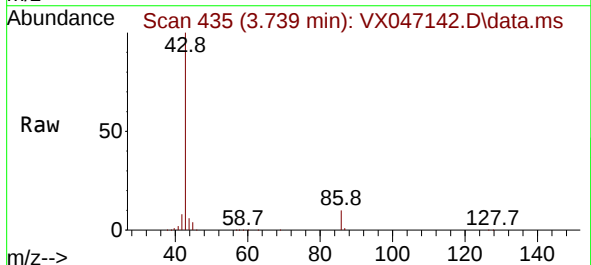
Manual Integrations
APPROVED

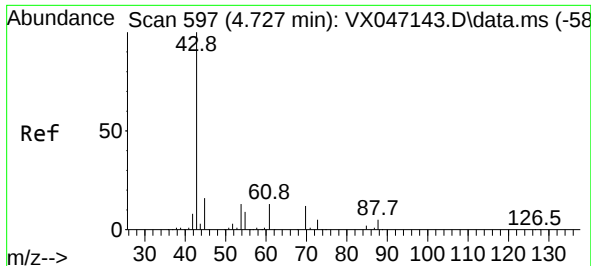
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#42
Vinyl Acetate
Concen: 23.717 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 43 Resp: 277547
Ion Ratio Lower Upper
43 100
86 8.4 6.9 10.3





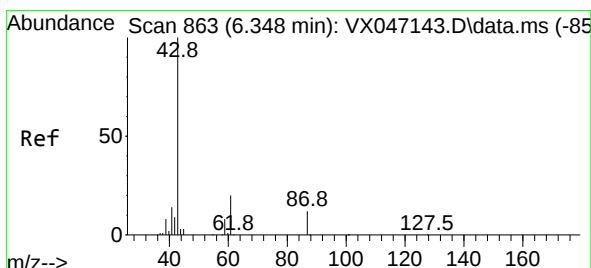
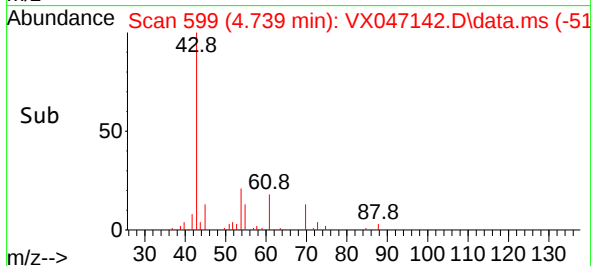
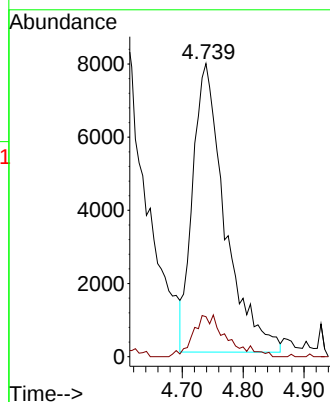
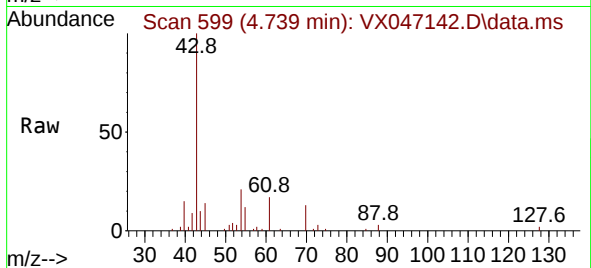
#43
Ethyl Acetate
Concen: 4.998 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.012 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 2901
Ion Ratio Lower Upper
43 100
45 6.4 10.6 16.0

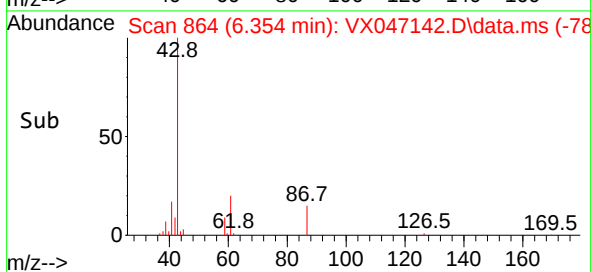
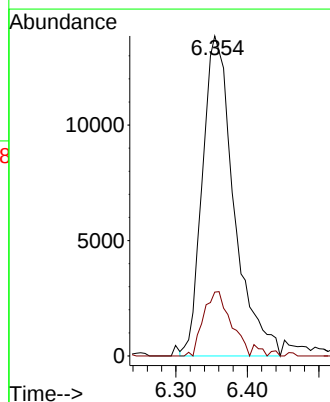
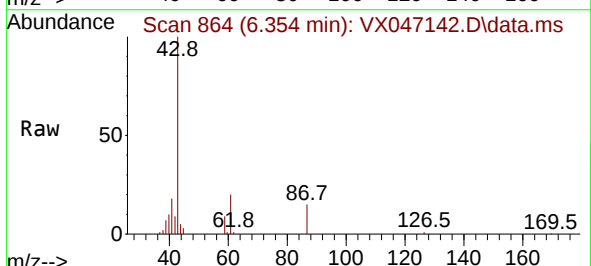
Manual Integrations
APPROVED

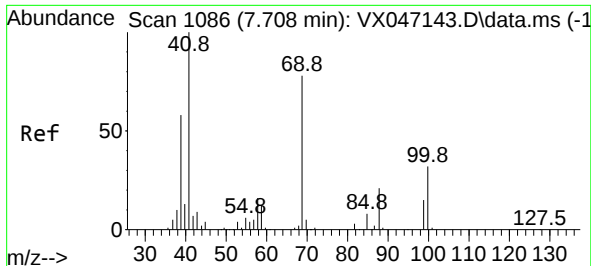
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#44
Isopropyl Acetate
Concen: 4.645 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

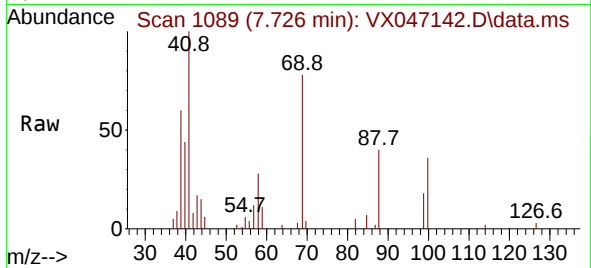
Tgt Ion: 43 Resp: 42422
Ion Ratio Lower Upper
43 100
61 17.2 14.7 22.1





#45
1,4-Dioxane
Concen: 104.208 ug/l m
RT: 7.726 min Scan# 1089
Delta R.T. 0.018 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

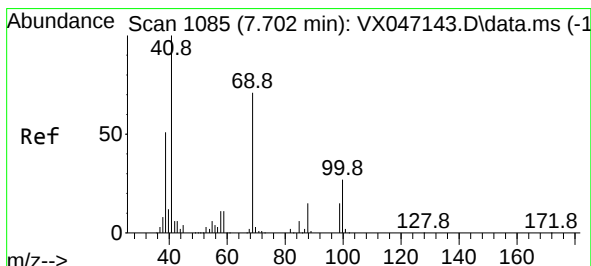
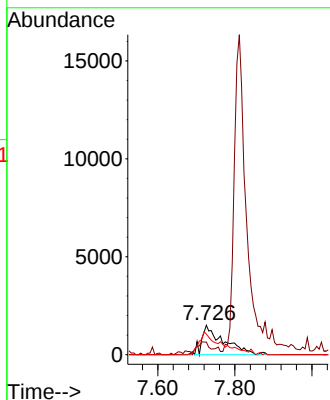
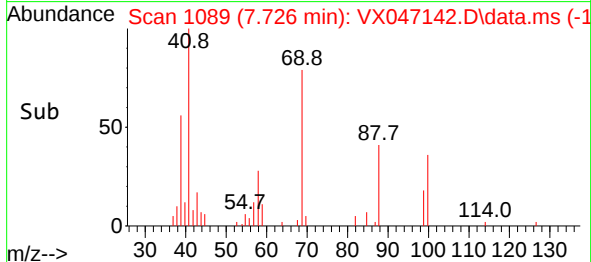
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



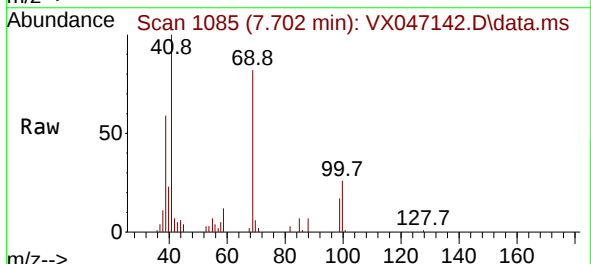
Tgt Ion: 88 Resp: 5948
Ion Ratio Lower Upper
88 100
43 0.0 30.2 45.2
58 0.0 33.3 49.9

Manual Integrations
APPROVED

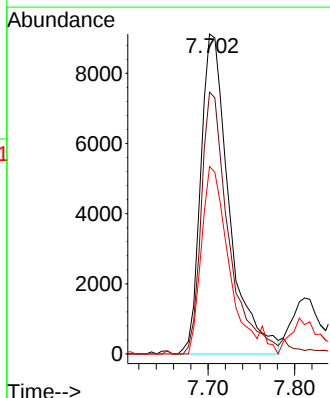
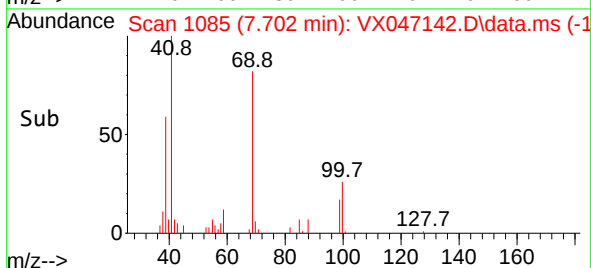
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

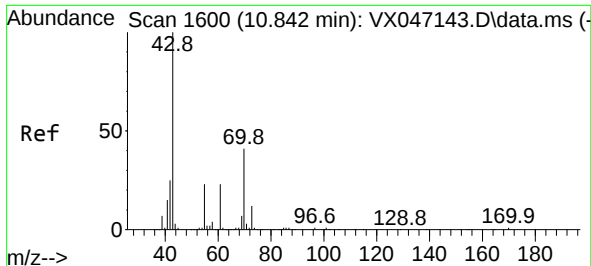


#46
Methyl methacrylate
Concen: 4.452 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18



Tgt Ion: 41 Resp: 20866
Ion Ratio Lower Upper
41 100
69 87.4 35.8 107.3
39 58.6 24.4 73.4





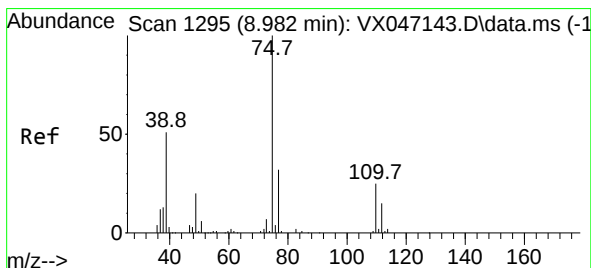
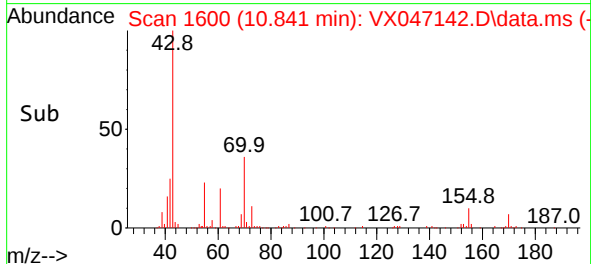
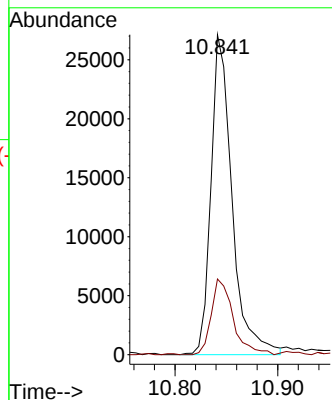
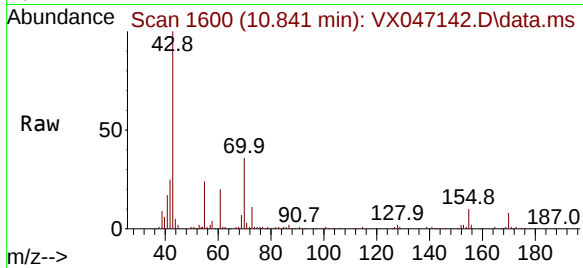
#47
n-amy1 Acetate
Concen: 4.840 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 3864
Ion Ratio Lower Upper
43 100
55 24.5 18.4 27.6

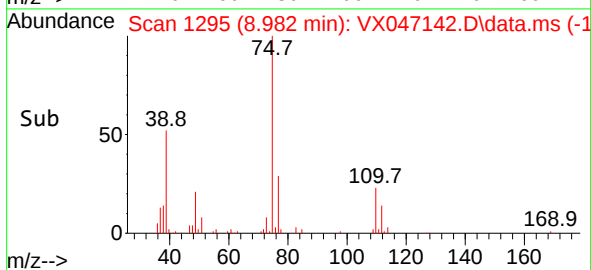
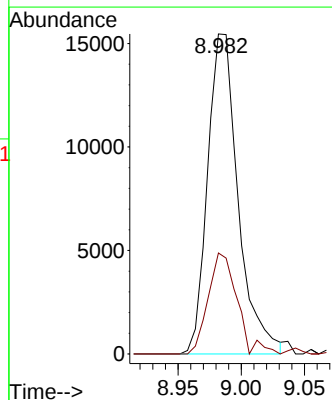
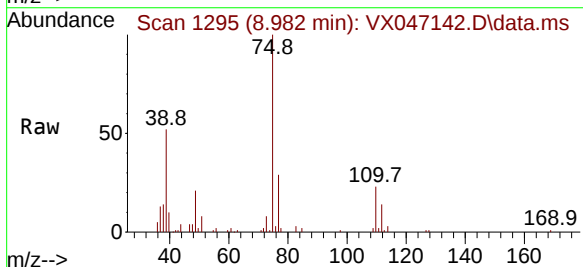
Manual Integrations
APPROVED

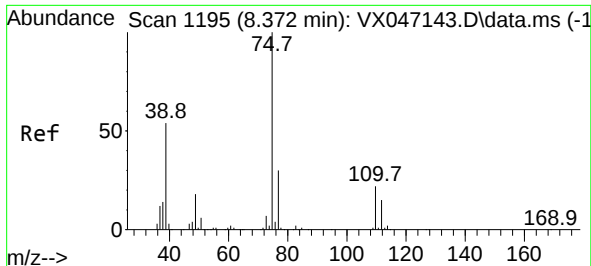
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#48
t-1,3-Dichloropropene
Concen: 4.518 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 75 Resp: 26003
Ion Ratio Lower Upper
75 100
77 31.5 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 4.841 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

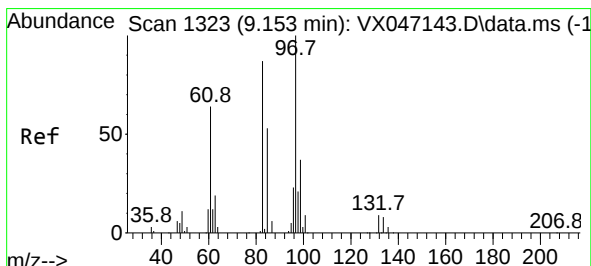
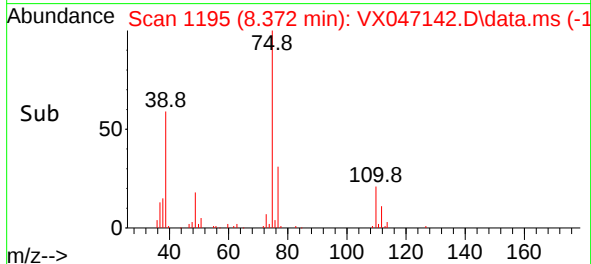
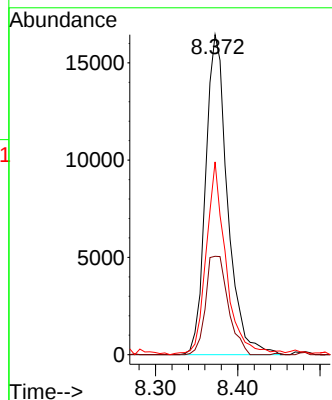
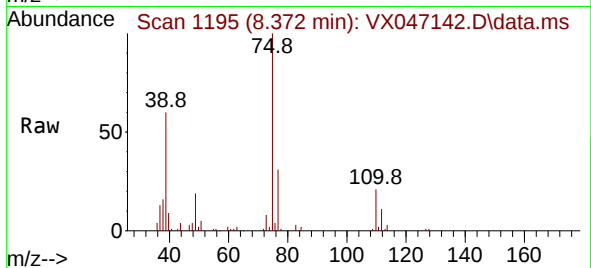
Tgt Ion:	75	Resp:	30470
Ion Ratio	Lower	Upper	
75	100		
77	30.9	25.1	37.7
39	65.5	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#50

1,1,2-Trichloroethane

Concen: 4.748 ug/l

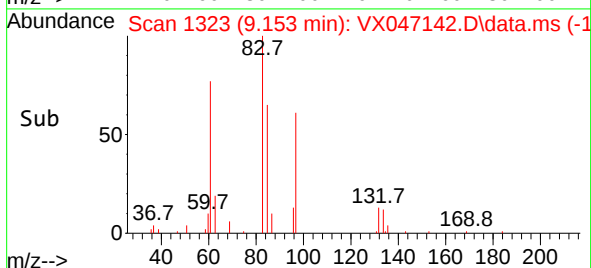
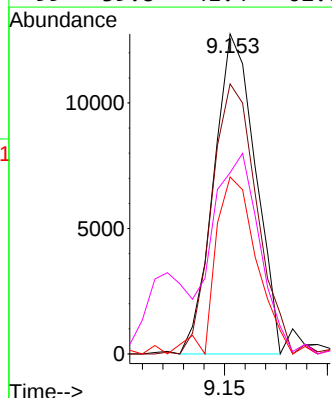
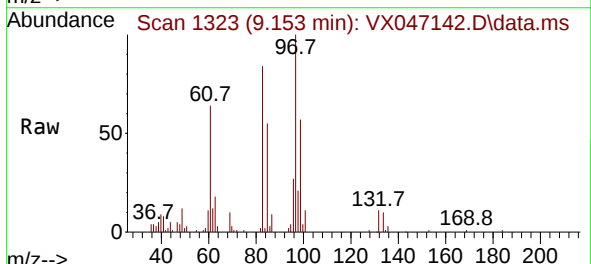
RT: 9.153 min Scan# 1323

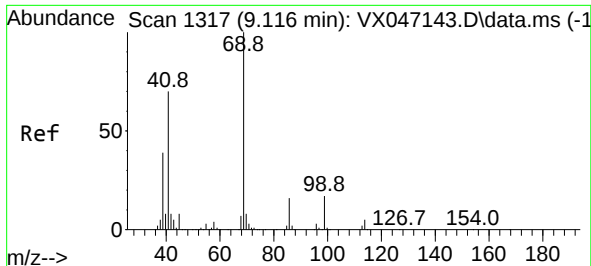
Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Tgt Ion:	97	Resp:	17967
Ion Ratio	Lower	Upper	
97	100		
83	70.0	58.3	87.5
85	43.4	36.5	54.7
99	39.8	41.4	62.0





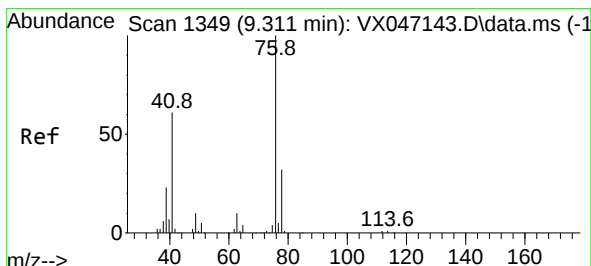
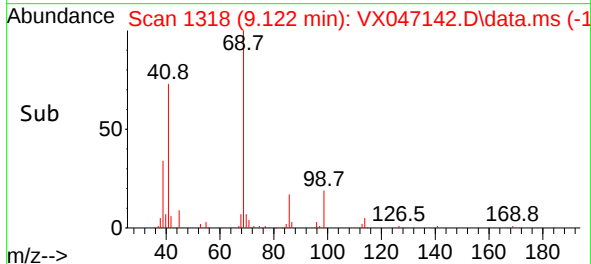
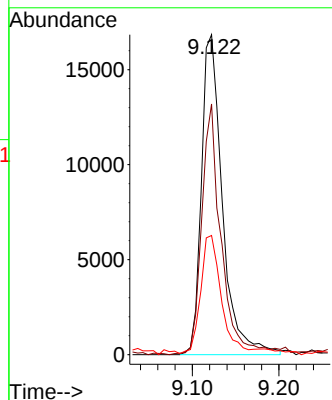
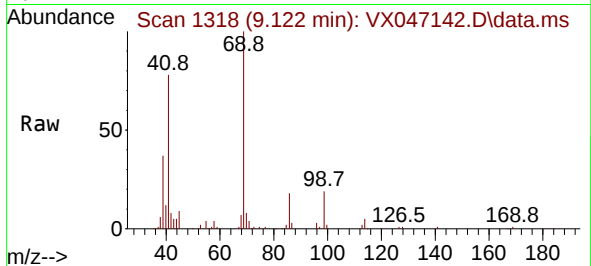
#51
Ethyl methacrylate
Concen: 4.588 ug/l
RT: 9.122 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 28300
Ion Ratio Lower Upper
69 100
41 77.9 35.0 105.1
39 31.1 19.5 58.5

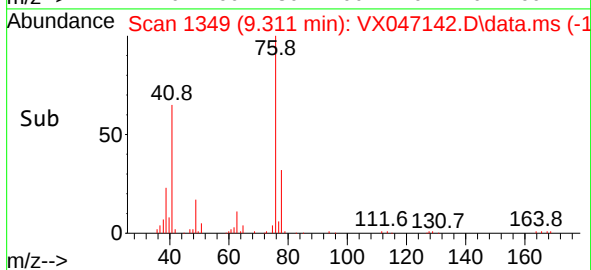
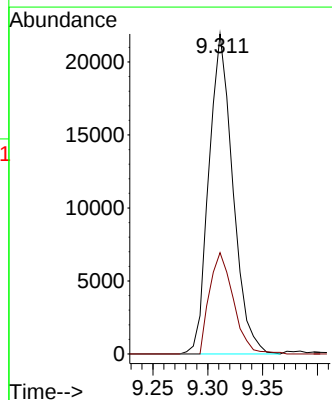
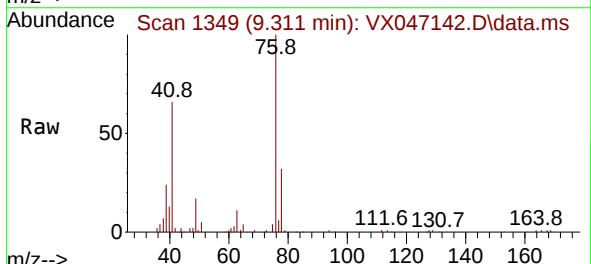
Manual Integrations
APPROVED

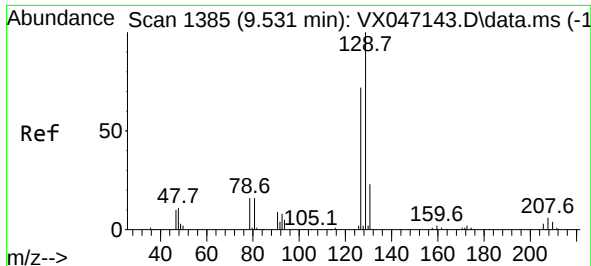
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#52
1,3-Dichloropropane
Concen: 5.086 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

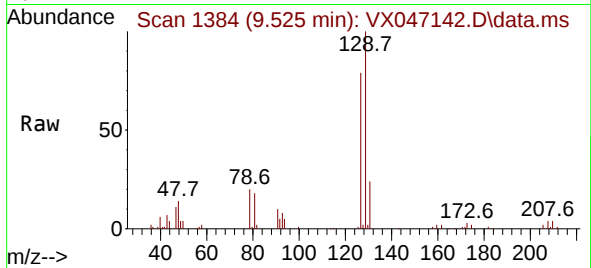
Tgt Ion: 76 Resp: 33389
Ion Ratio Lower Upper
76 100
78 31.4 0.0 63.6





#53
Dibromochloromethane
Concen: 10.604 ug/l m
RT: 9.525 min Scan# 1384
Delta R.T. -0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

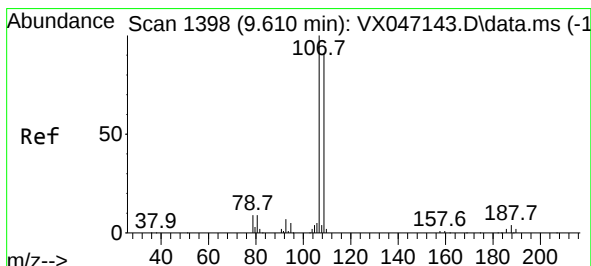
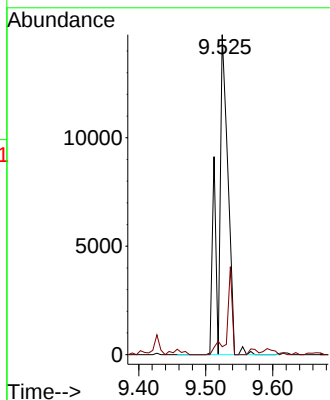
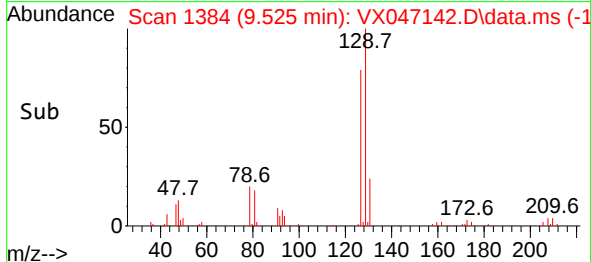
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:129 Resp: 1473
Ion Ratio Lower Upper
129 100
127 0.6 125.0 374.9

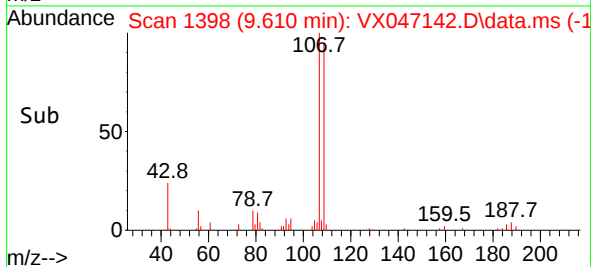
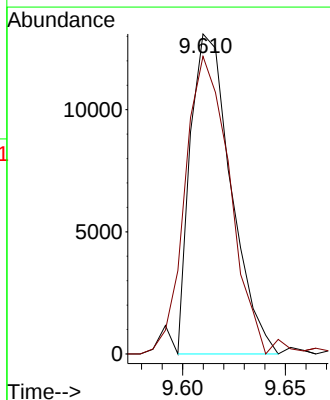
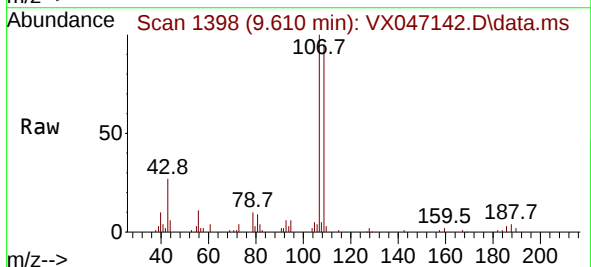
Manual Integrations
APPROVED

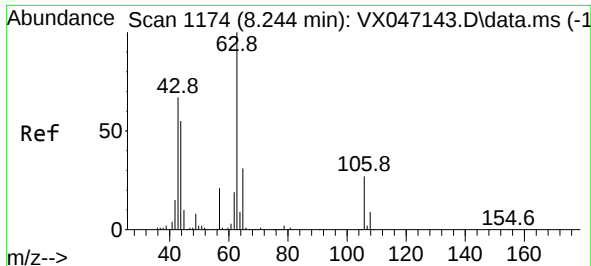
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#54
1,2-Dibromoethane
Concen: 4.546 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion:107 Resp: 18009
Ion Ratio Lower Upper
107 100
109 101.7 74.0 111.0





#55

2-Chloroethyl vinyl ether

Concen: 21.753 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

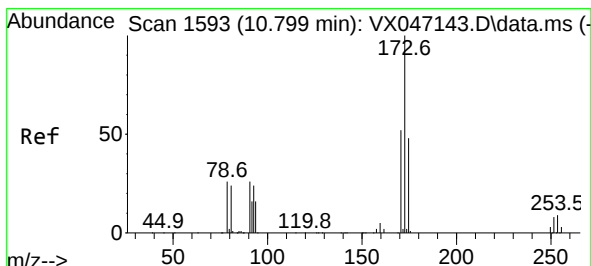
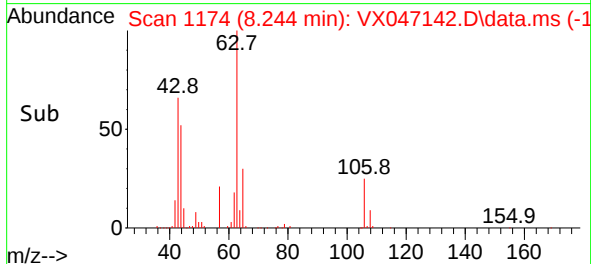
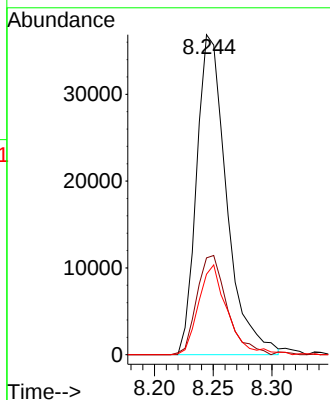
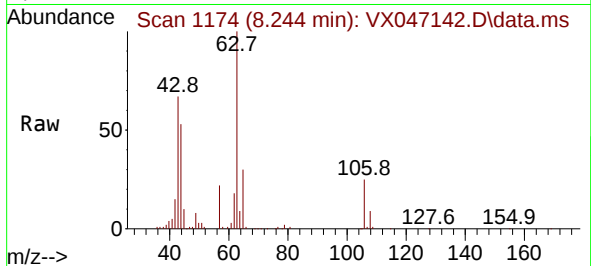
Tgt Ion:	63	Resp:	65439
Ion Ratio	Lower	Upper	
63	100		
65	31.2	25.8	38.6
106	26.2	22.1	33.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#56

Bromoform

Concen: 98.896 ug/l m

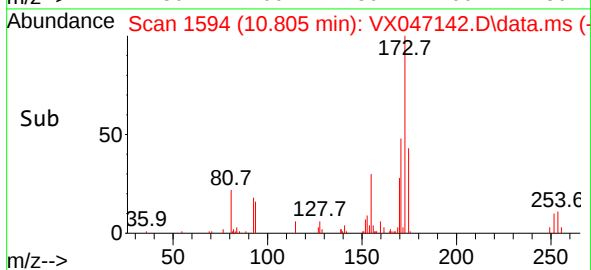
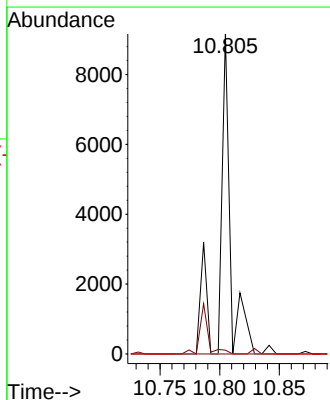
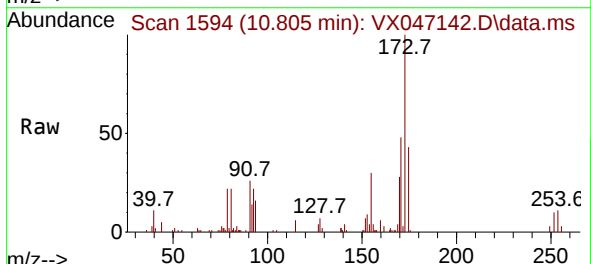
RT: 10.805 min Scan# 1594

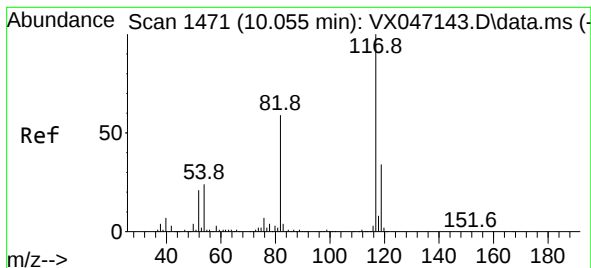
Delta R.T. 0.006 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Tgt Ion:	173	Resp:	5569
Ion Ratio	Lower	Upper	
173	100		
175	1.6	2.6	3.8#
254	0.0	2.2	3.2#





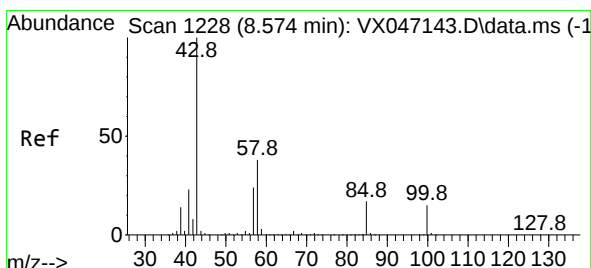
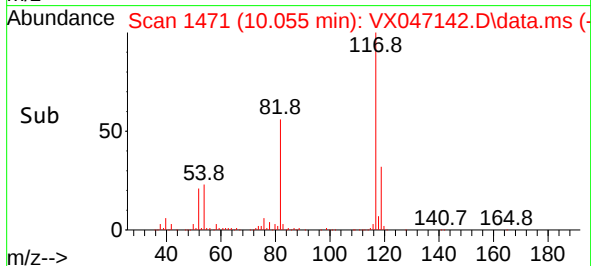
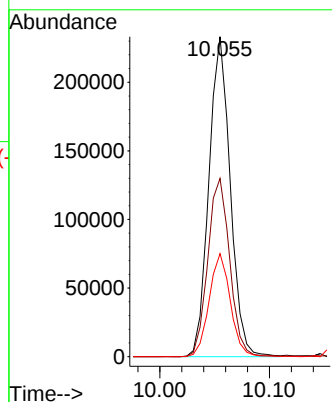
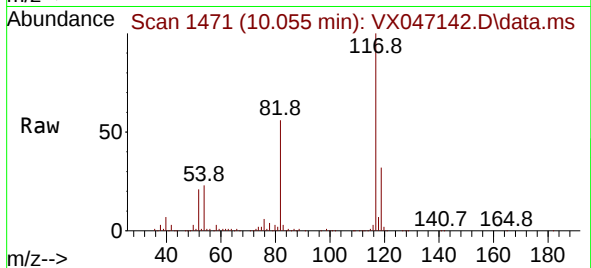
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 117 Resp: 31591
Ion Ratio Lower Upper
117 100
82 56.9 46.0 69.0
119 32.0 25.8 38.8

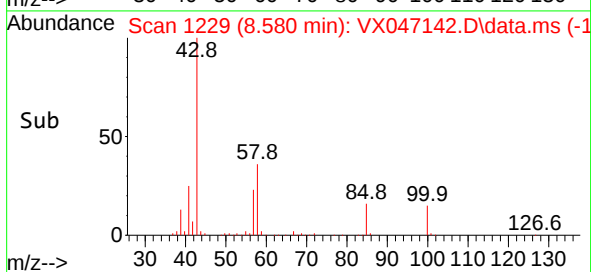
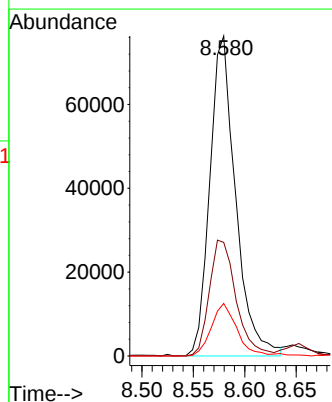
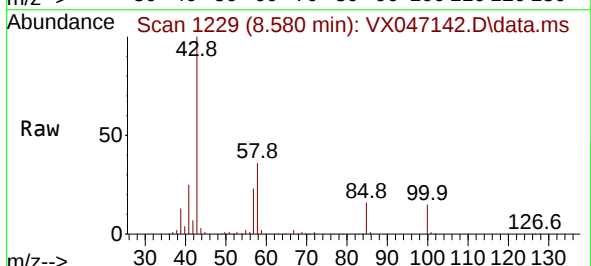
Manual Integrations
APPROVED

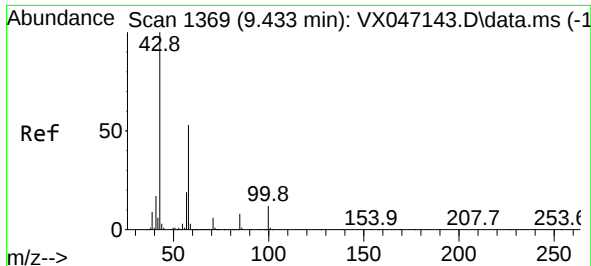
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#58
4-Methyl-2-Pentanone
Concen: 24.168 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 43 Resp: 133214
Ion Ratio Lower Upper
43 100
58 37.6 30.6 45.8
85 16.1 13.4 20.2





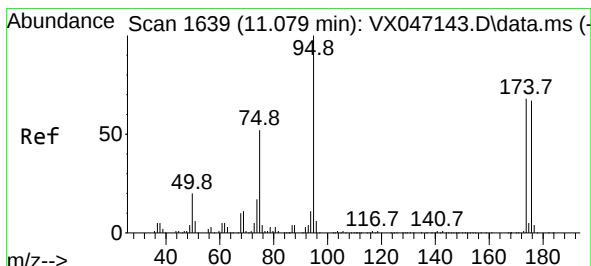
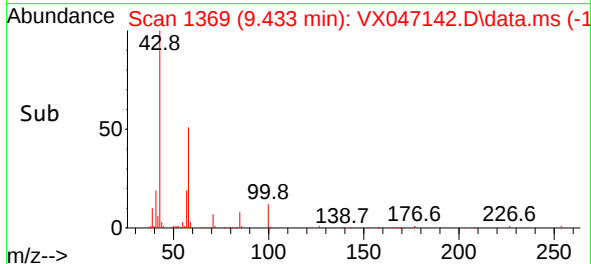
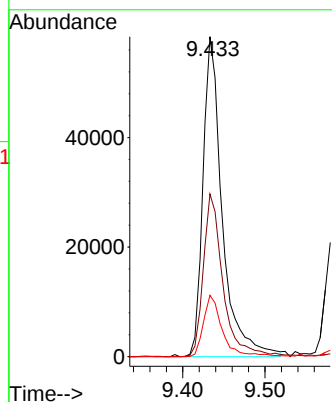
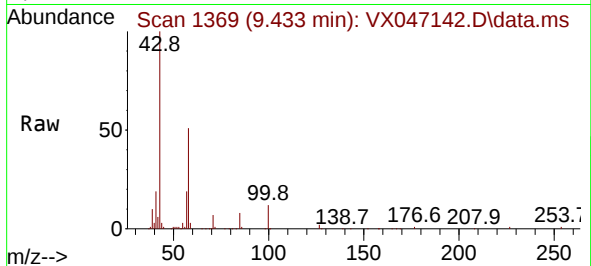
#59
2-Hexanone
Concen: 24.398 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 95138
Ion Ratio Lower Upper
43 100
58 52.2 42.0 63.0
57 18.0 14.6 21.8

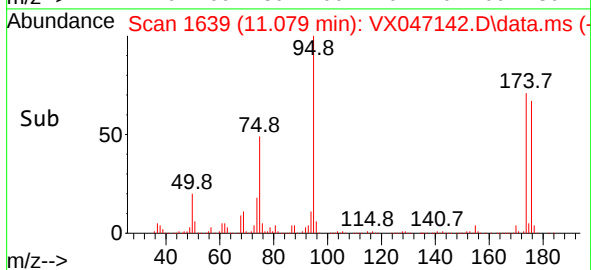
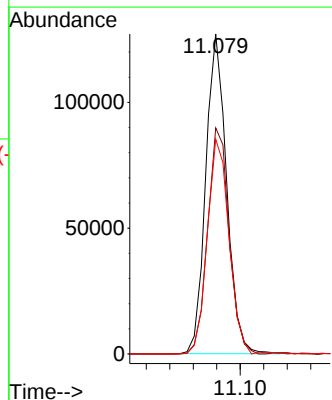
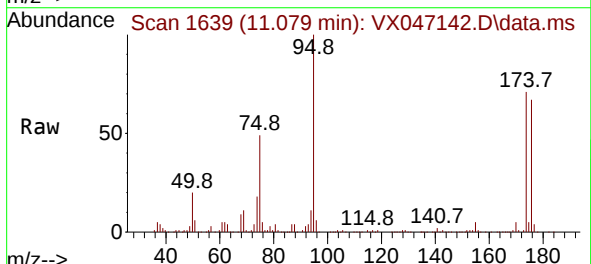
Manual Integrations
APPROVED

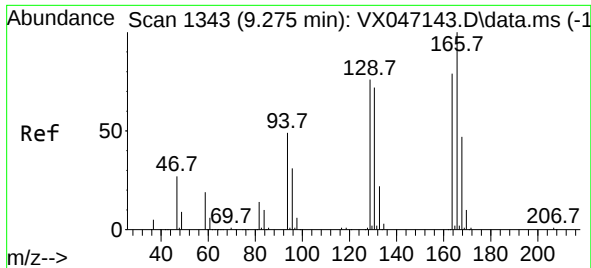
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#60
4-Bromofluorobenzene
Concen: 30.428 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

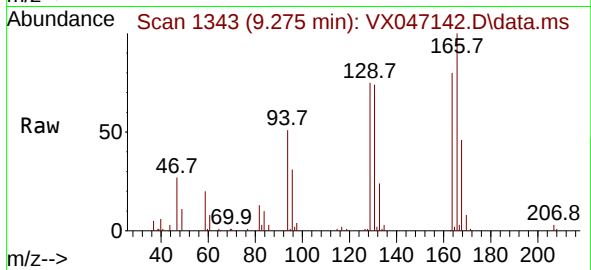
Tgt Ion: 95 Resp: 156629
Ion Ratio Lower Upper
95 100
174 72.6 57.5 86.3
176 69.6 56.4 84.6





#61
Tetrachloroethene
Concen: 5.162 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

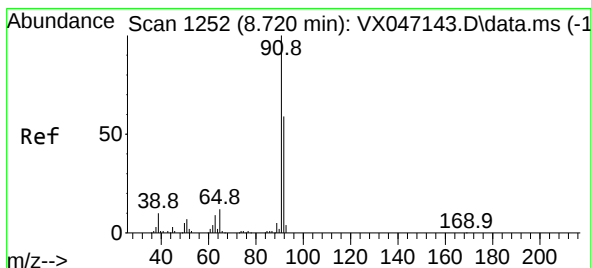
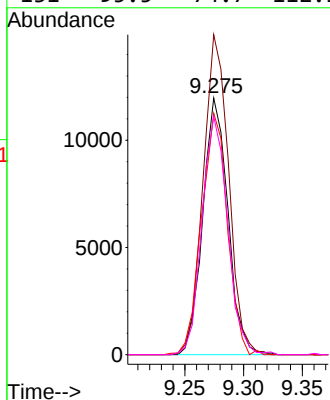
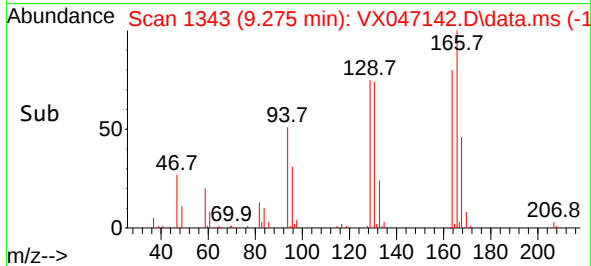
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:164 Resp: 17850
Ion Ratio Lower Upper
164 100
166 124.7 101.0 151.4
129 94.1 78.6 117.8
131 95.5 74.7 112.1

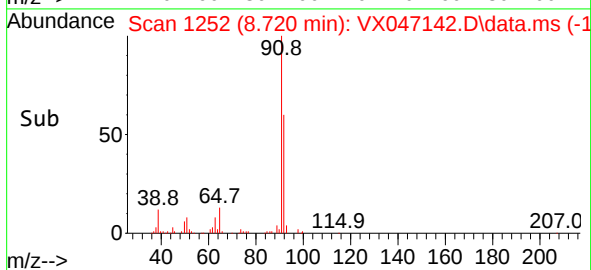
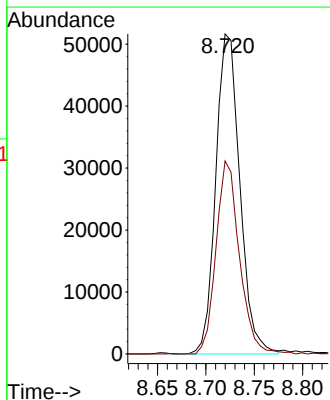
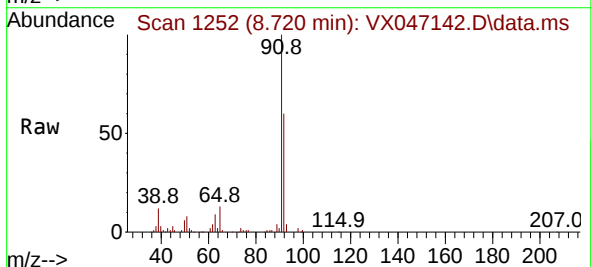
Manual Integrations
APPROVED

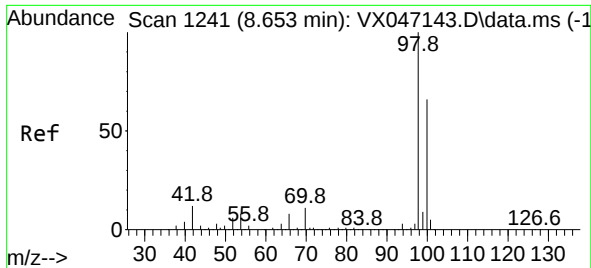
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#62
Toluene
Concen: 5.050 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

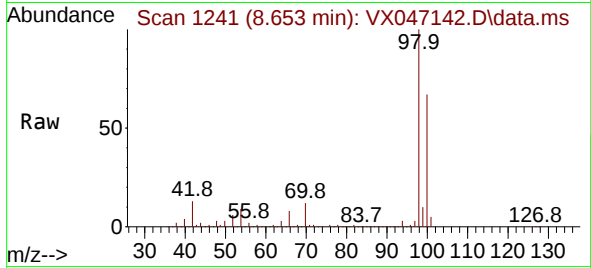
Tgt Ion: 91 Resp: 89210
Ion Ratio Lower Upper
91 100
92 58.6 46.6 69.8





#63
Toluene-d8
Concen: 29.569 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

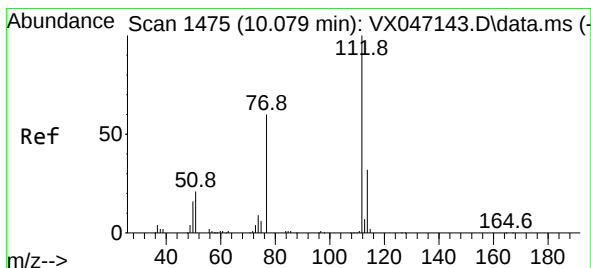
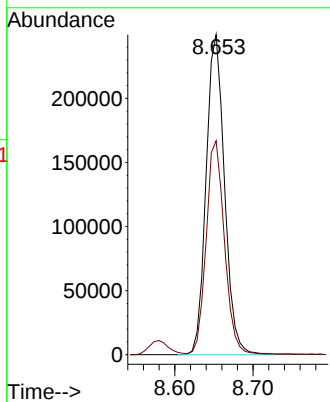
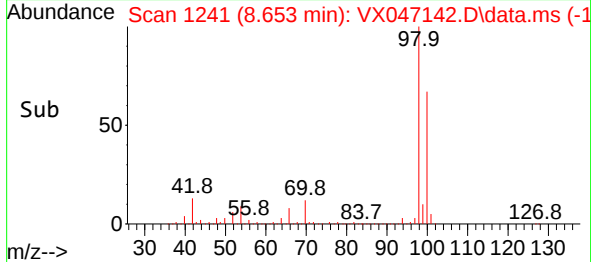
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 98 Resp: 406860
Ion Ratio Lower Upper
98 100
100 66.6 52.9 79.3

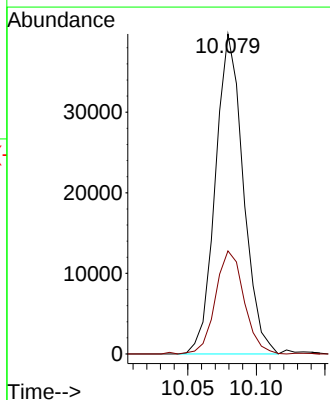
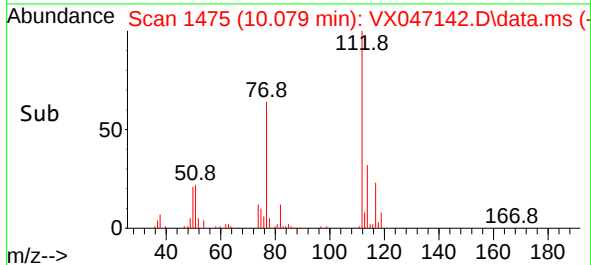
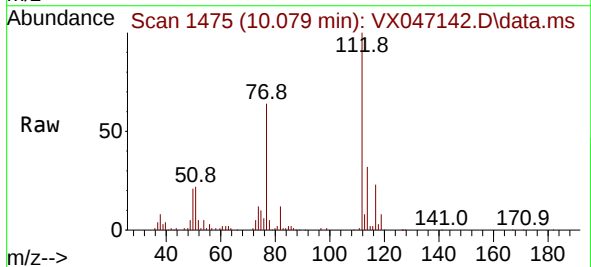
Manual Integrations
APPROVED

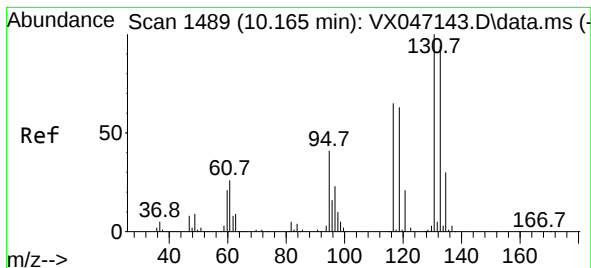
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#64
Chlorobenzene
Concen: 4.960 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion:112 Resp: 56194
Ion Ratio Lower Upper
112 100
114 29.9 23.6 35.4





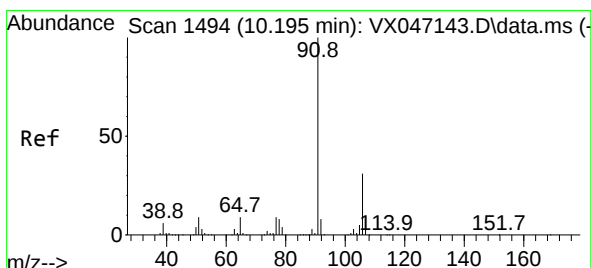
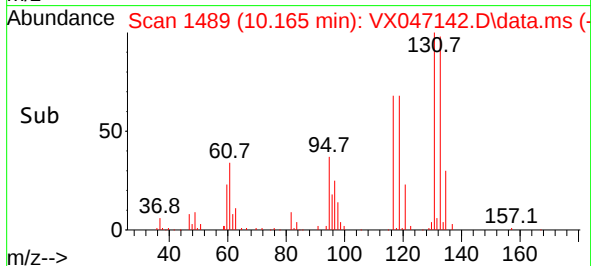
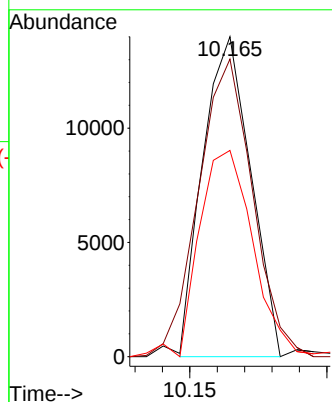
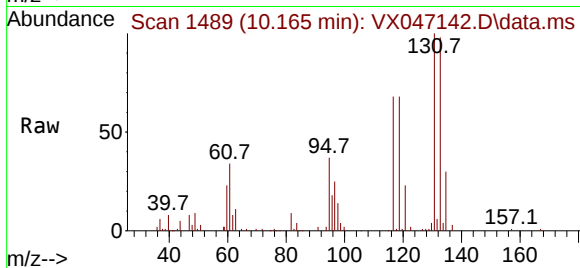
#65
1,1,1,2-Tetrachloroethane
Concen: 4.744 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:131 Resp: 16990
Ion Ratio Lower Upper
131 100
133 105.0 0.0 188.2
119 71.6 0.0 101.8

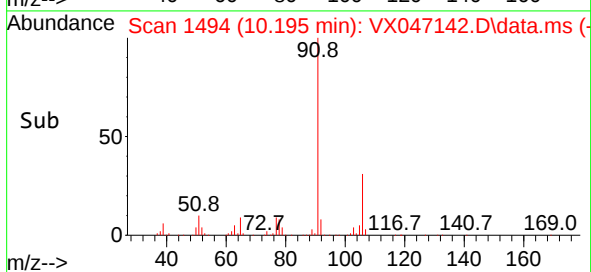
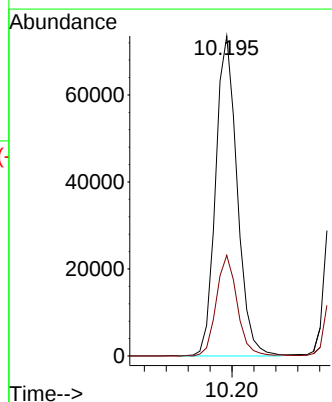
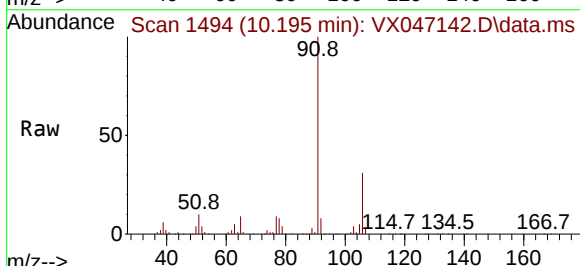
Manual Integrations
APPROVED

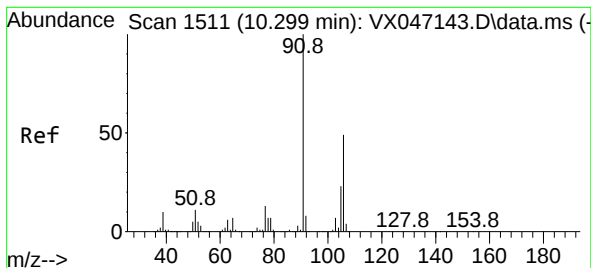
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#66
Ethyl Benzene
Concen: 4.965 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 91 Resp: 100361
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7





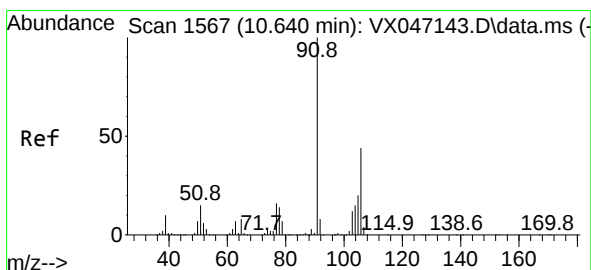
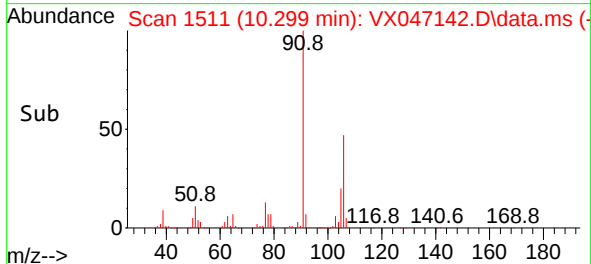
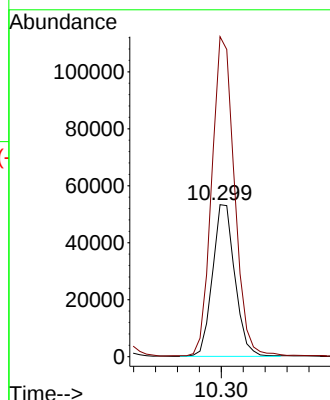
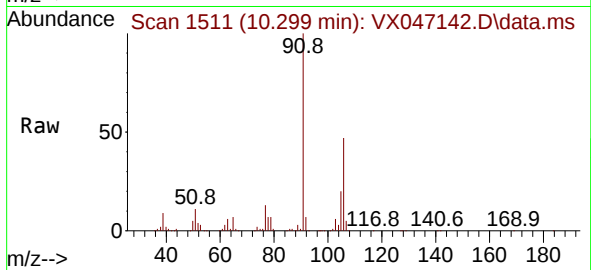
#67
m/p-Xylenes
Concen: 10.064 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 75388
Ion Ratio Lower Upper
106 100
91 213.4 164.4 246.6

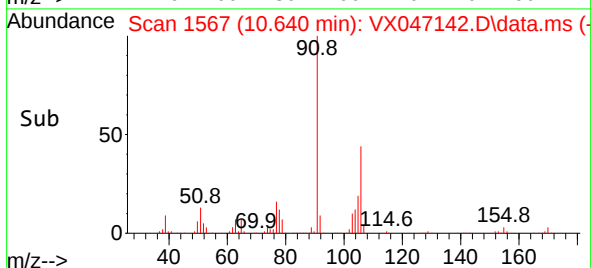
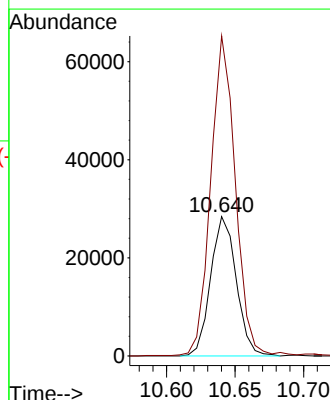
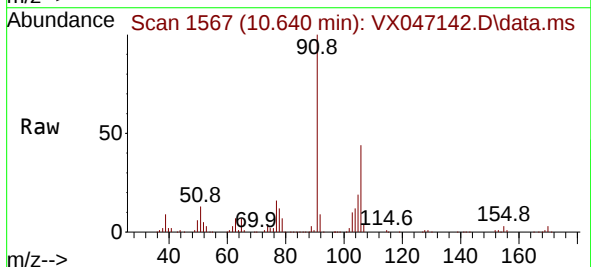
Manual Integrations
APPROVED

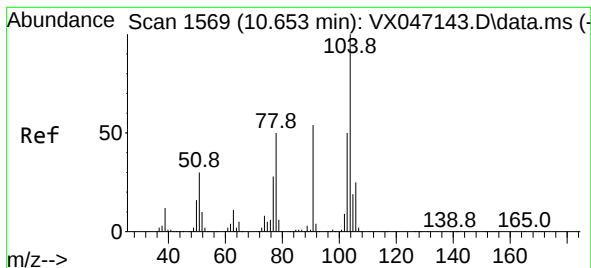
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#68
o-Xylene
Concen: 5.121 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion:106 Resp: 36993
Ion Ratio Lower Upper
106 100
91 218.5 111.3 333.8





#69

Styrene

Concen: 4.802 ug/l

RT: 10.658 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

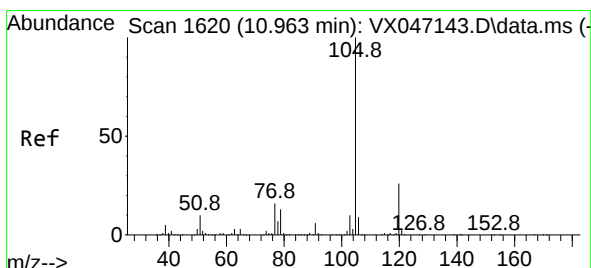
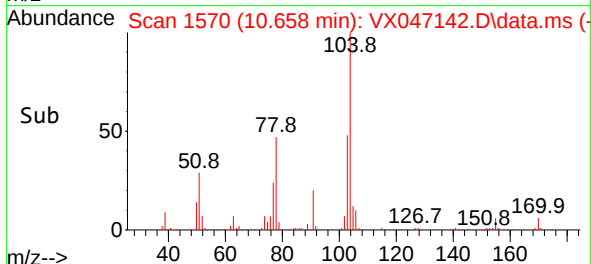
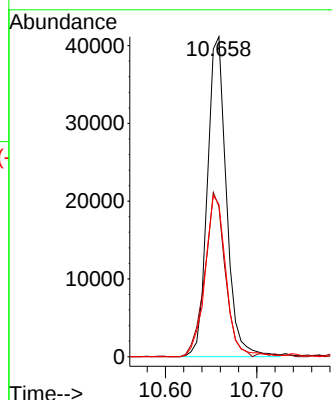
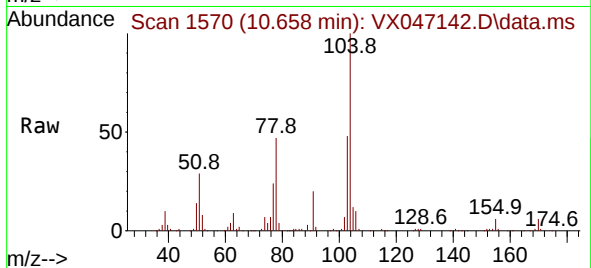
Tgt Ion:104 Resp: 59499
 Ion Ratio Lower Upper
 104 100
 78 54.6 42.6 63.8
 103 55.4 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#70

Isopropylbenzene

Concen: 5.188 ug/l

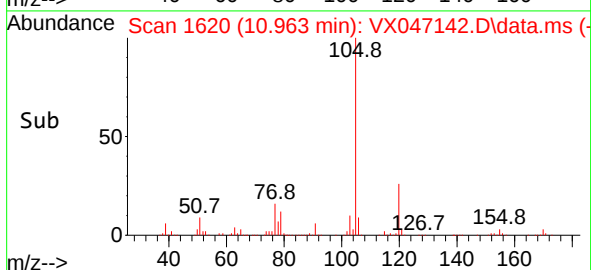
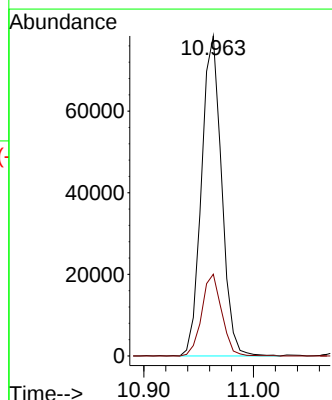
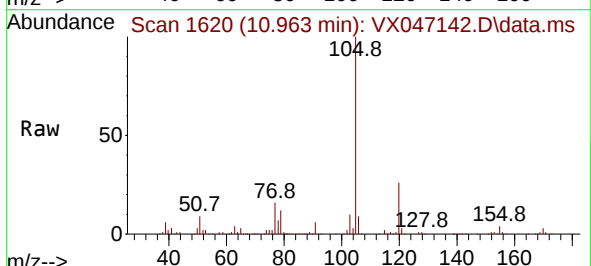
RT: 10.963 min Scan# 1620

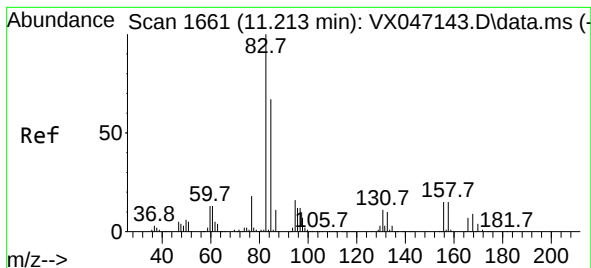
Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

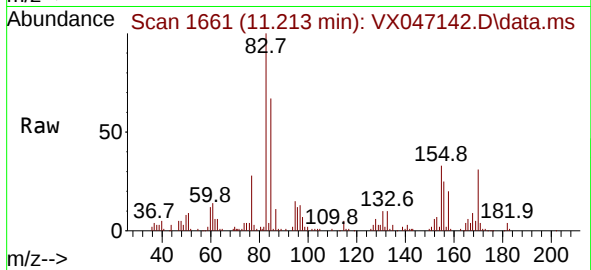
Tgt Ion:105 Resp: 99838
 Ion Ratio Lower Upper
 105 100
 120 25.2 17.8 33.0





#71
1,1,2,2-Tetrachloroethane
Concen: 5.042 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

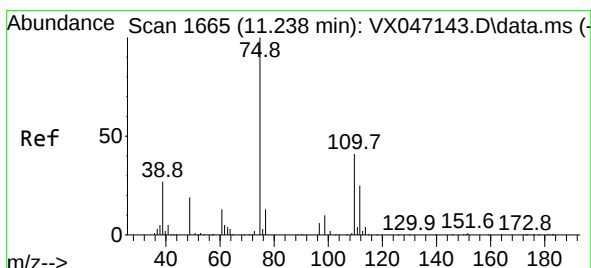
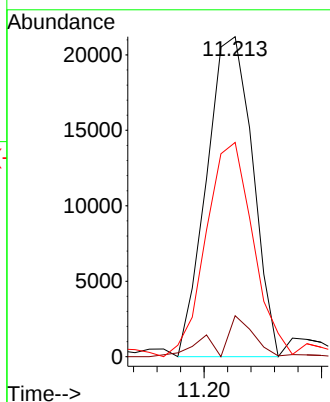
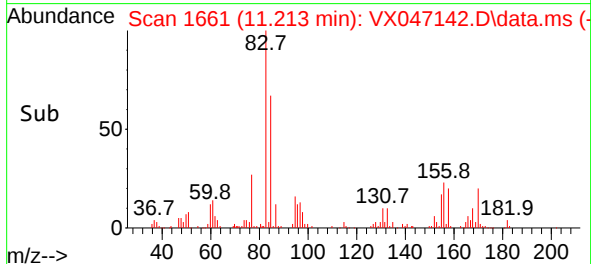
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



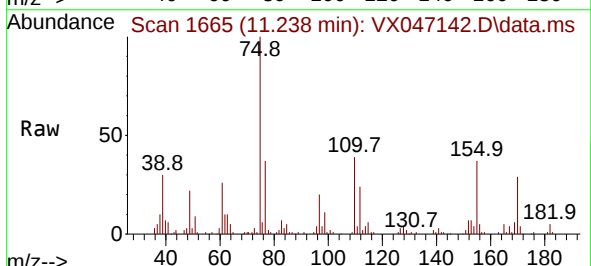
Tgt Ion: 83 Resp: 28780
Ion Ratio Lower Upper
83 100
131 6.6 6.0 18.0
85 68.6 32.3 96.9

Manual Integrations
APPROVED

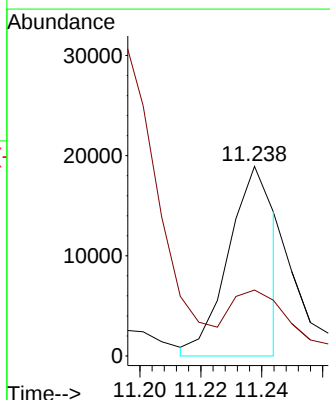
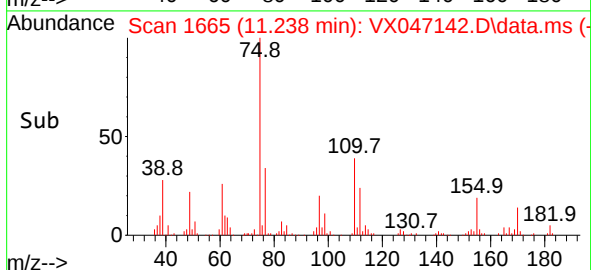
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

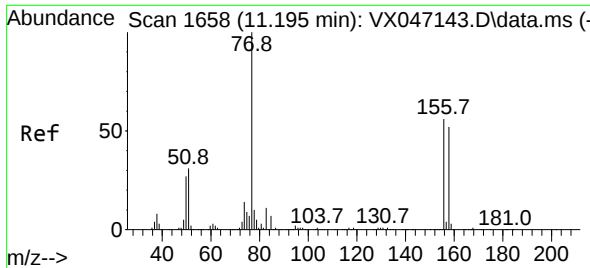


#72
1,2,3-Trichloropropane
Concen: 4.518 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18



Tgt Ion: 75 Resp: 19866
Ion Ratio Lower Upper
75 100
77 45.6 0.0 74.2





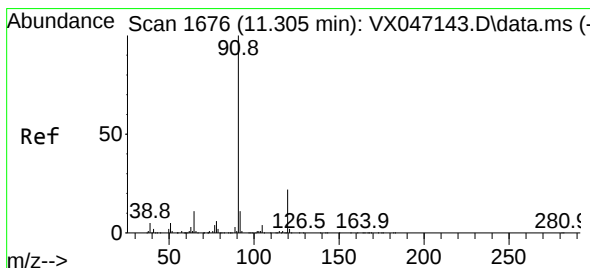
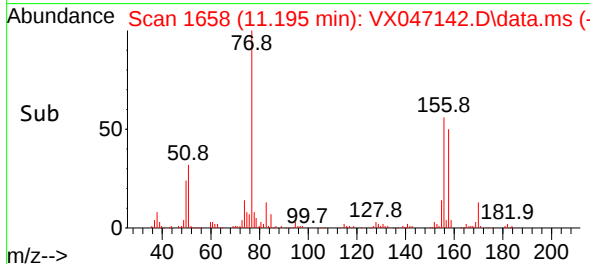
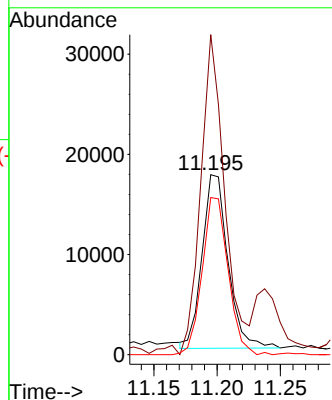
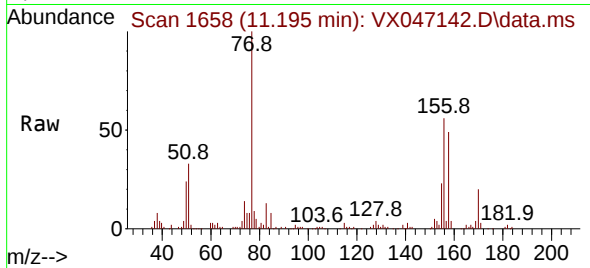
#73
Bromobenzene
Concen: 5.374 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 24752
Ion Ratio Lower Upper
156 100
77 170.2 0.0 340.8
158 90.1 0.0 189.0

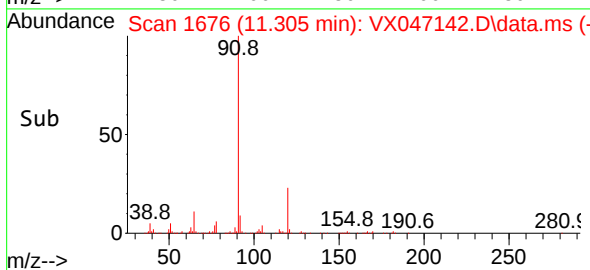
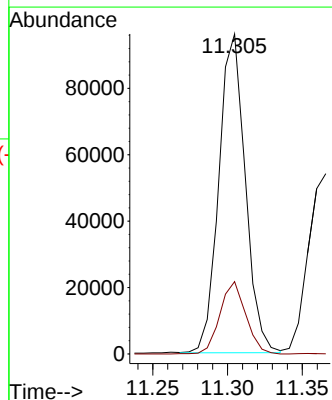
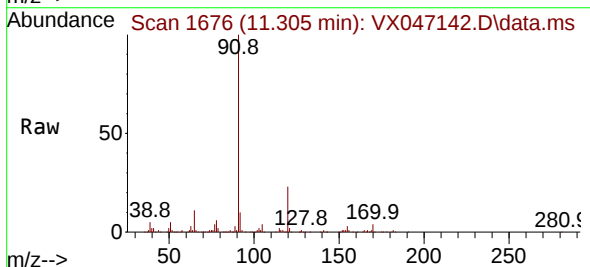
Manual Integrations
APPROVED

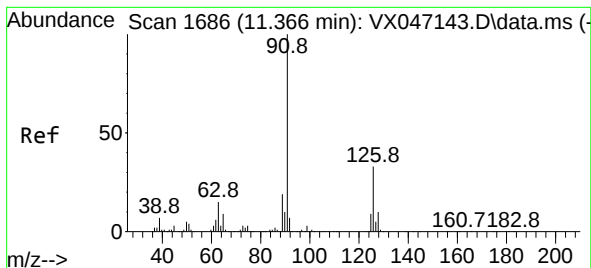
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#74
n-propylbenzene
Concen: 5.112 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion: 91 Resp: 118105
Ion Ratio Lower Upper
91 100
120 22.1 0.0 44.4





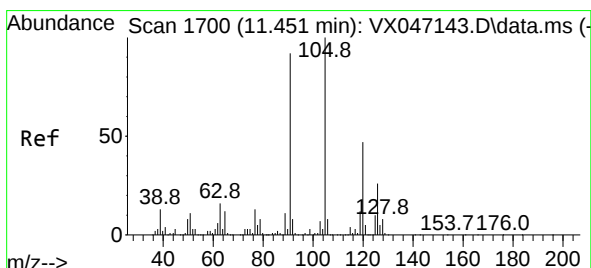
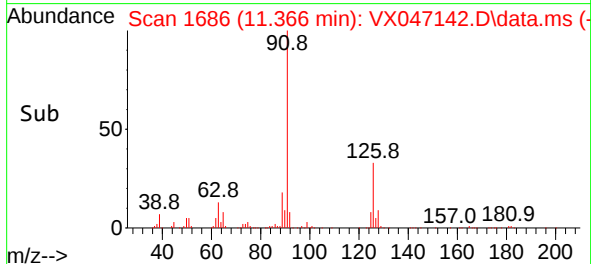
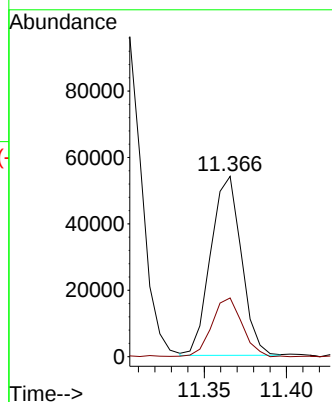
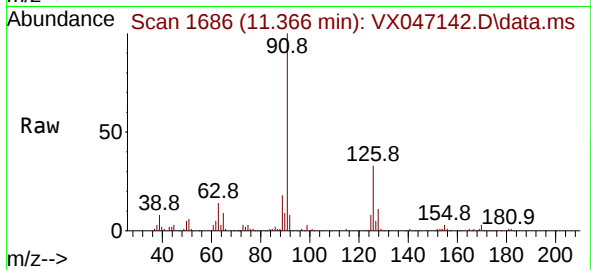
#75
2-Chlorotoluene
Concen: 5.119 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 6998
Ion Ratio Lower Upper
91 100
126 32.4 0.0 63.6

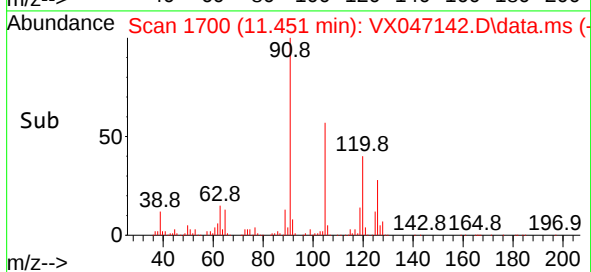
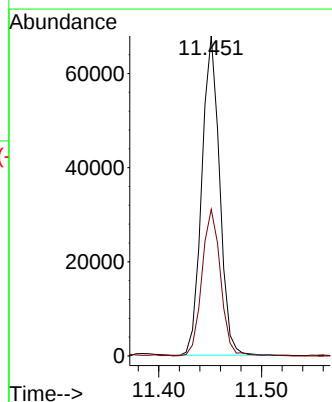
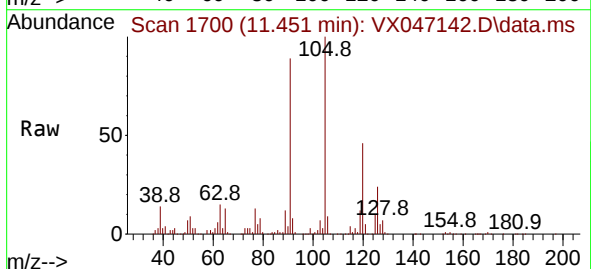
Manual Integrations
APPROVED

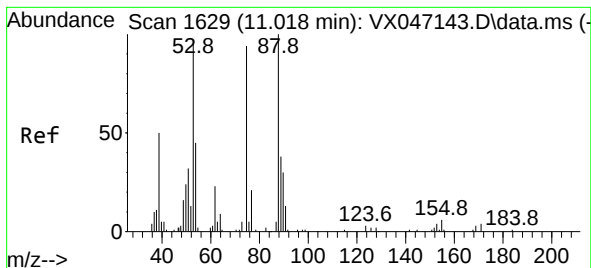
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#76
1,3,5-Trimethylbenzene
Concen: 5.157 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

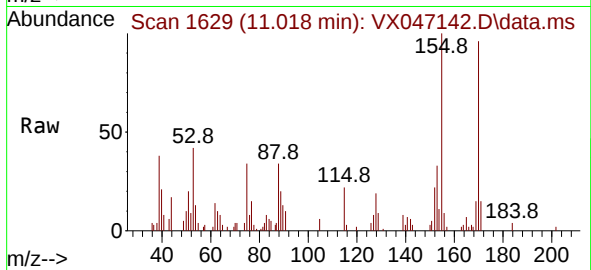
Tgt Ion:105 Resp: 81649
Ion Ratio Lower Upper
105 100
120 47.4 0.0 93.0





#77
t-1,4-Dichloro-2-butene
Concen: 3.575 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

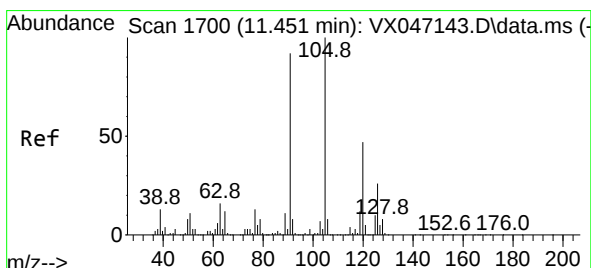
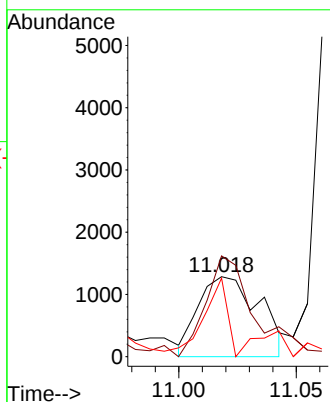
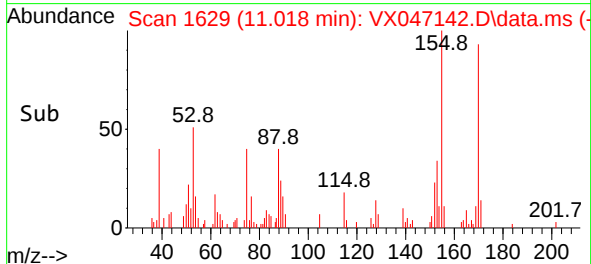
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 2320
Ion Ratio Lower Upper
75 100
53 126.0 48.4 145.2
89 58.9 33.8 101.3

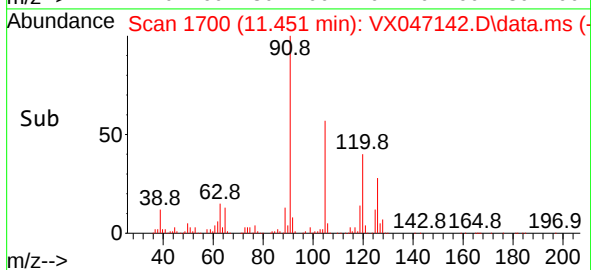
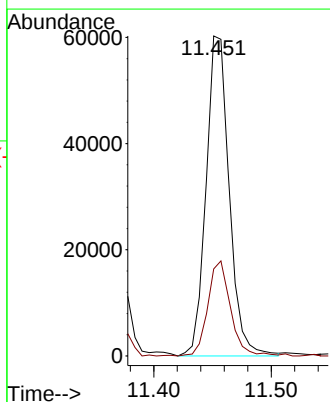
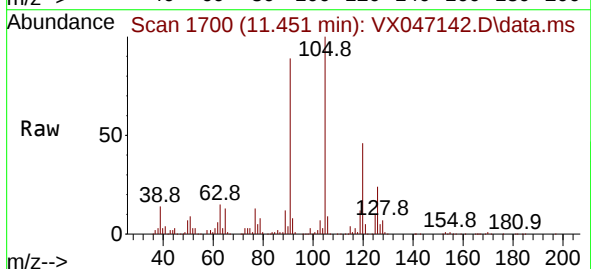
Manual Integrations
APPROVED

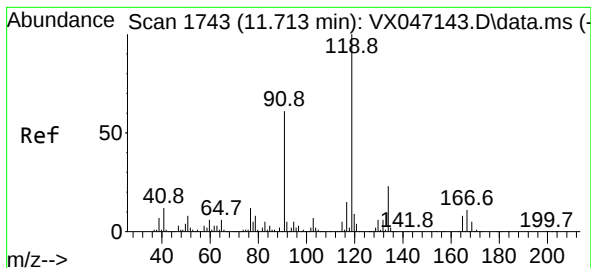
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#78
4-Chlorotoluene
Concen: 5.241 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

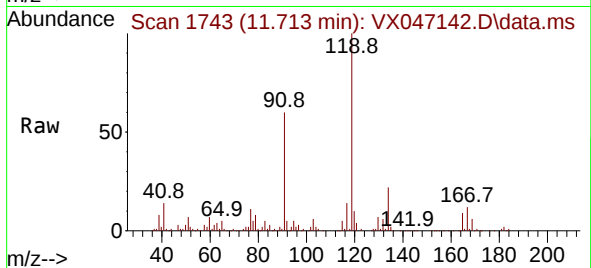
Tgt Ion: 91 Resp: 82617
Ion Ratio Lower Upper
91 100
126 29.0 0.0 57.2





#79
tert-butylbenzene
Concen: 5.188 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

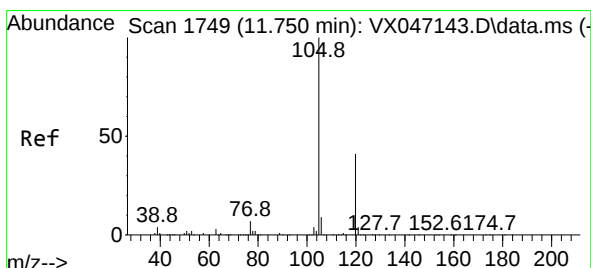
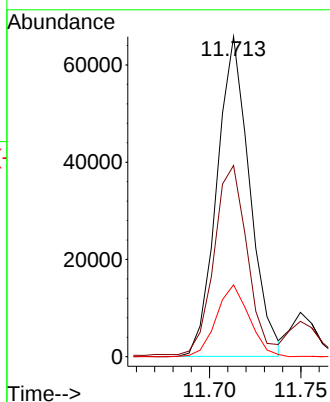
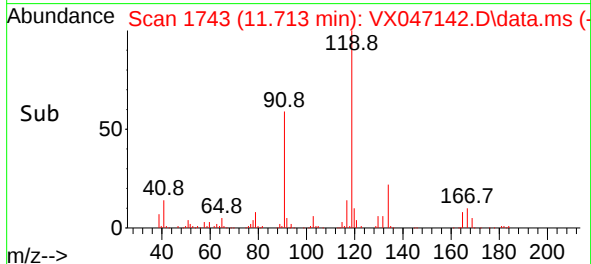
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:119 Resp: 82208
Ion Ratio Lower Upper
119 100
91 60.4 0.0 120.6
134 22.5 0.0 46.0

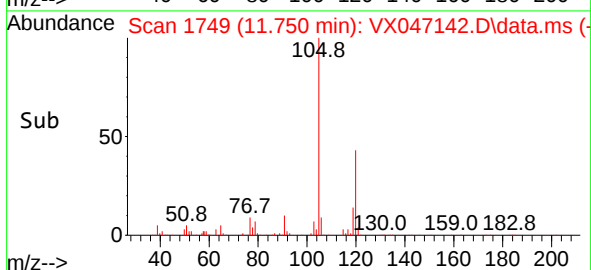
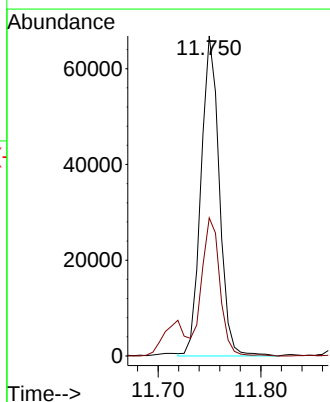
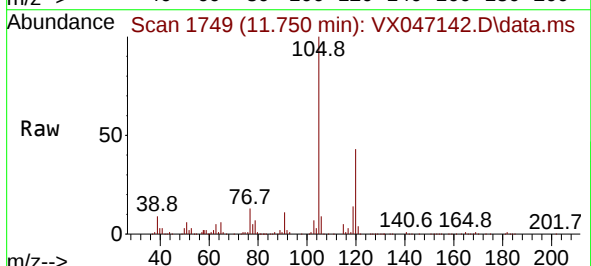
Manual Integrations
APPROVED

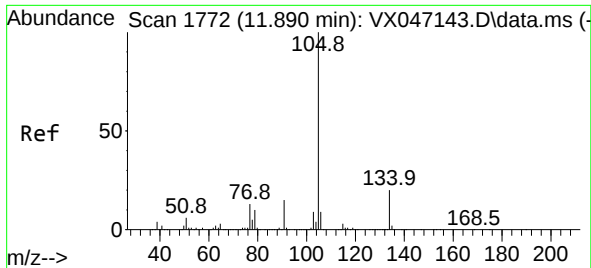
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#80
1,2,4-Trimethylbenzene
Concen: 5.276 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion:105 Resp: 82849
Ion Ratio Lower Upper
105 100
120 42.4 0.0 88.6





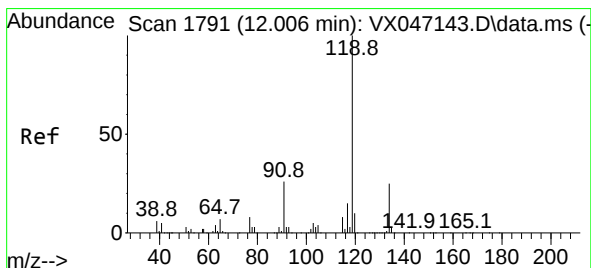
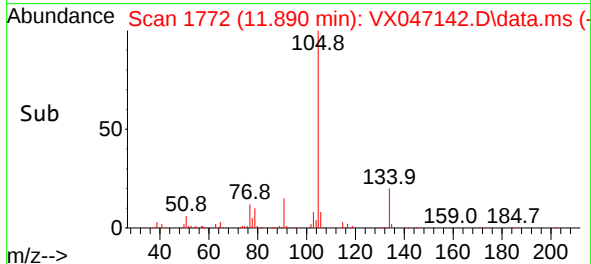
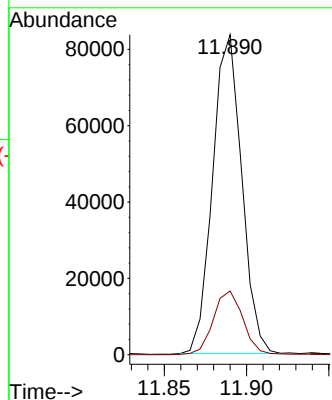
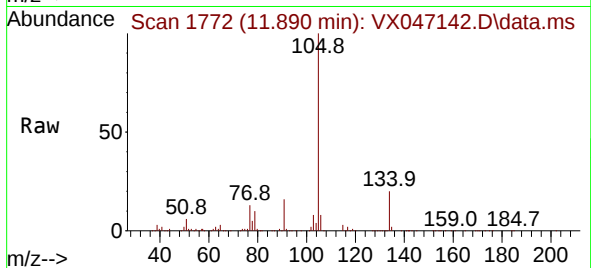
#81
 sec-Butylbenzene
 Concen: 5.199 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX047142.D
 Acq: 25 Jul 2025 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 10279
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 39.4

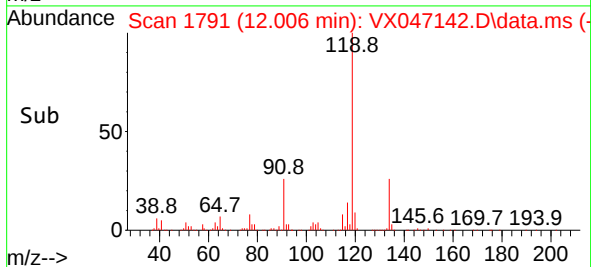
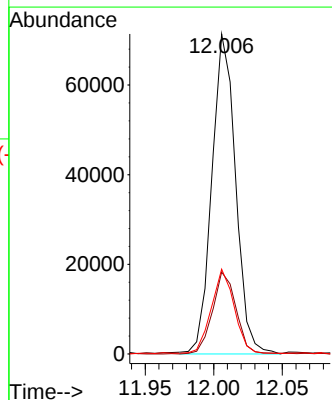
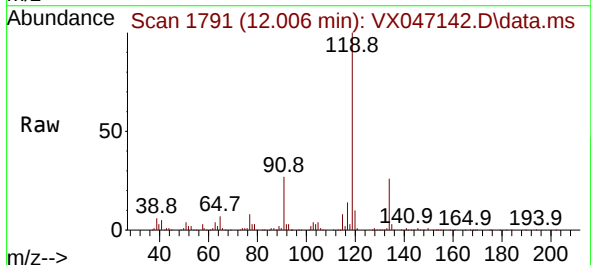
Manual Integrations
 APPROVED

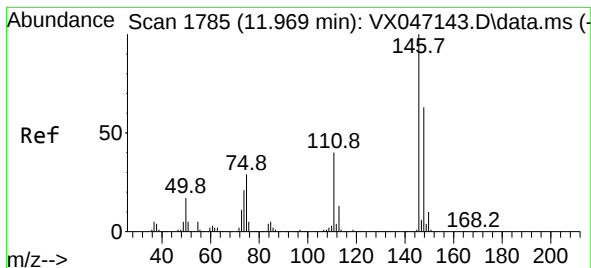
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025



#82
 p-Isopropyltoluene
 Concen: 5.226 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047142.D
 Acq: 25 Jul 2025 15:18

Tgt Ion:119 Resp: 85865
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 50.8
 91 25.4 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 5.095 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

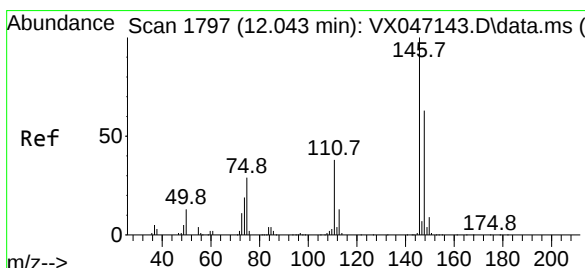
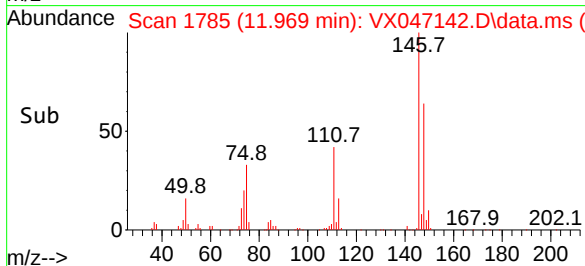
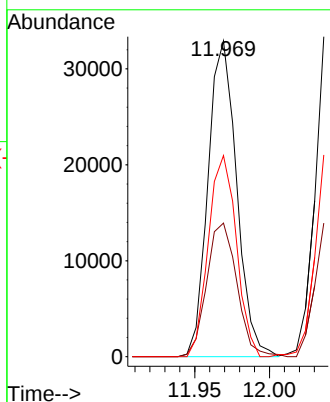
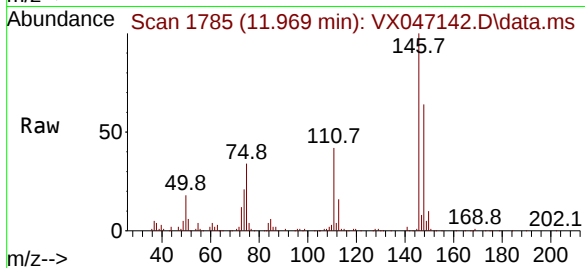
Tgt Ion:	146	Resp:	4384
Ion Ratio	Lower	Upper	
146	100		
111	44.6	20.7	62.1
148	62.2	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#84

1,4-Dichlorobenzene

Concen: 5.429 ug/l

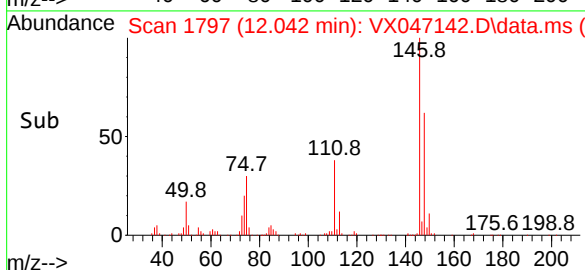
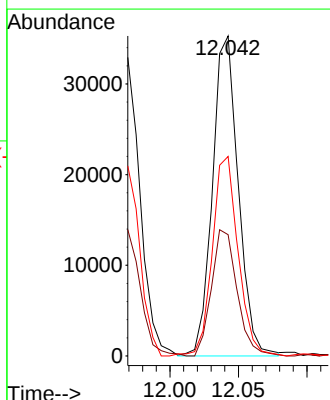
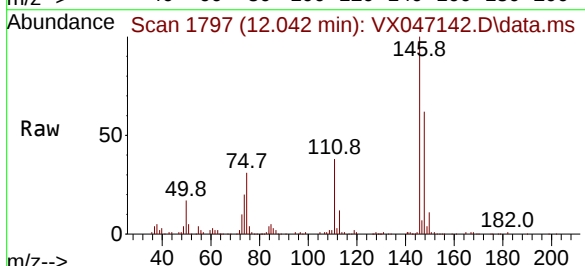
RT: 12.042 min Scan# 1797

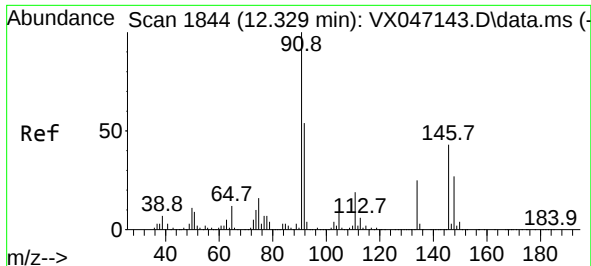
Delta R.T. -0.000 min

Lab File: VX047142.D

Acq: 25 Jul 2025 15:18

Tgt Ion:	146	Resp:	46300
Ion Ratio	Lower	Upper	
146	100		
111	39.1	20.4	61.3
148	61.8	32.3	96.8





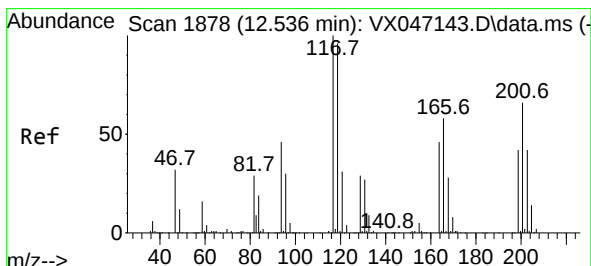
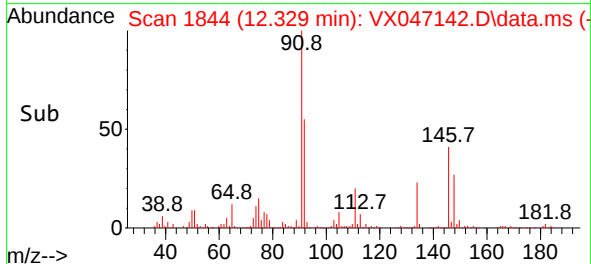
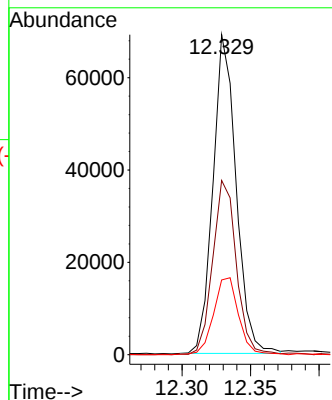
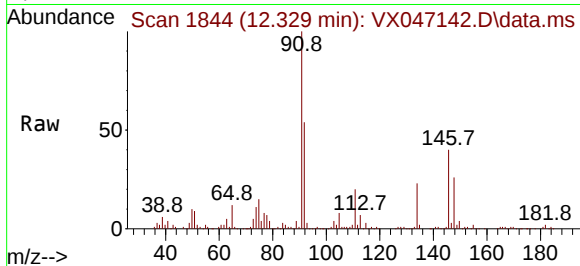
#85
n-Butylbenzene
Concen: 5.132 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 8092
Ion Ratio Lower Upper
91 100
92 55.6 0.0 107.8
134 26.2 0.0 50.0

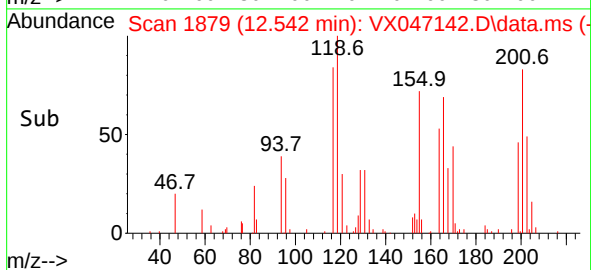
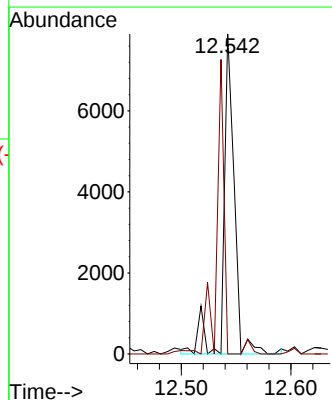
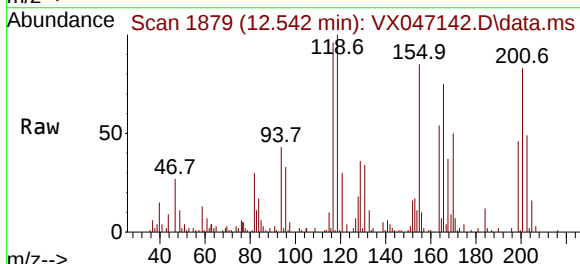
Manual Integrations
APPROVED

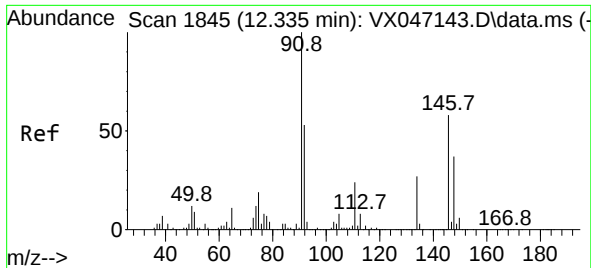
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#86
Hexachloroethane
Concen: 2.302 ug/l m
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

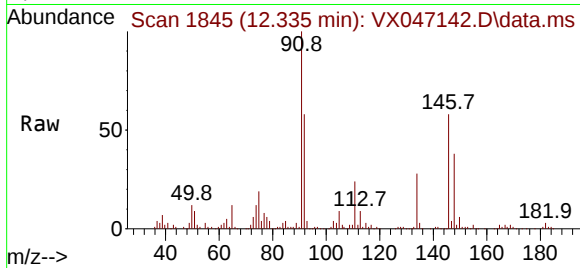
Tgt Ion:117 Resp: 5259
Ion Ratio Lower Upper
117 100
201 50.6 0.5 1.5#





#87
1,2-Dichlorobenzene
Concen: 5.297 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

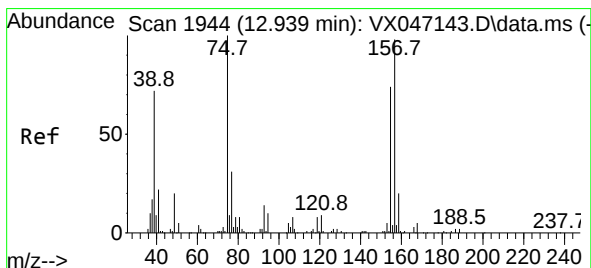
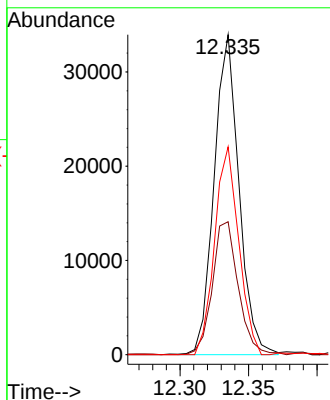
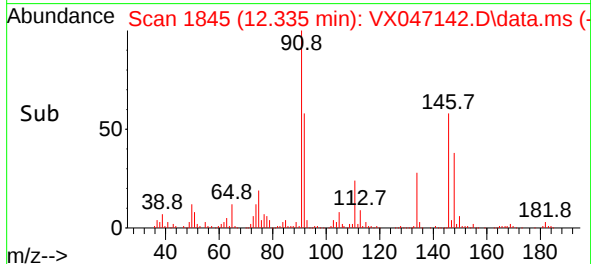
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 42748
Ion Ratio Lower Upper
146 100
111 43.3 21.8 65.3
148 62.9 32.4 97.0

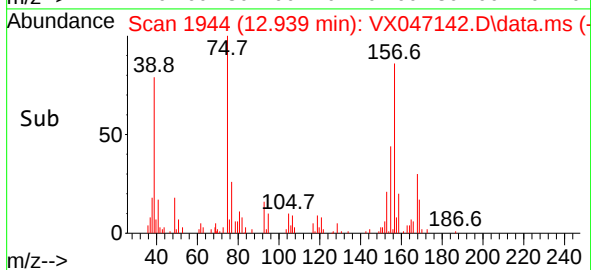
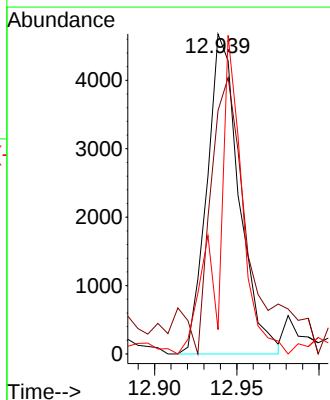
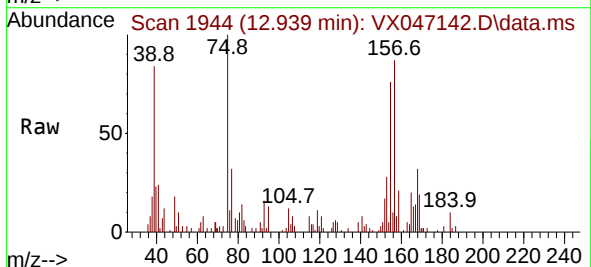
Manual Integrations
APPROVED

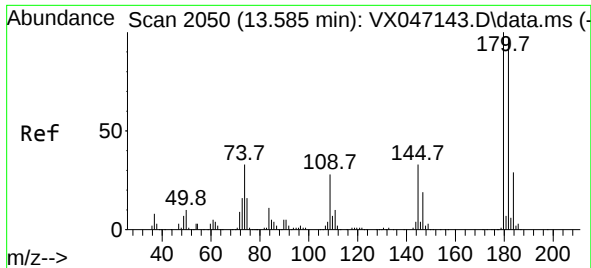
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 5.153 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

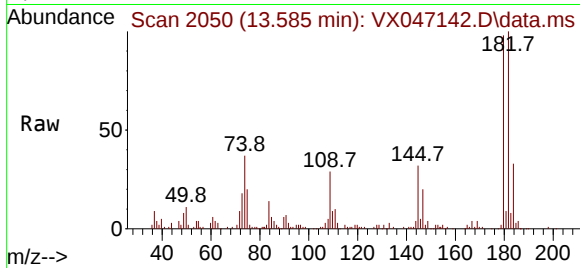
Tgt Ion: 75 Resp: 6368
Ion Ratio Lower Upper
75 100
155 89.1 65.4 98.2
157 56.2 82.0 123.0#





#89
1,2,4-Trichlorobenzene
Concen: 4.923 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

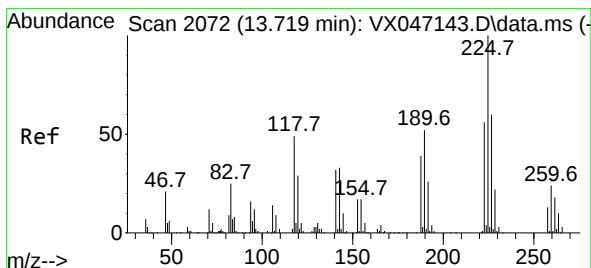
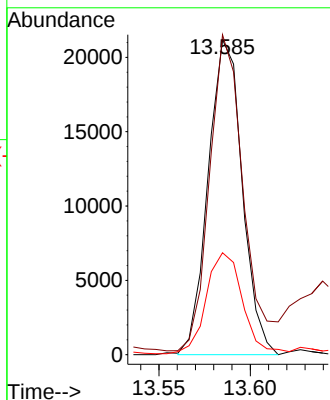
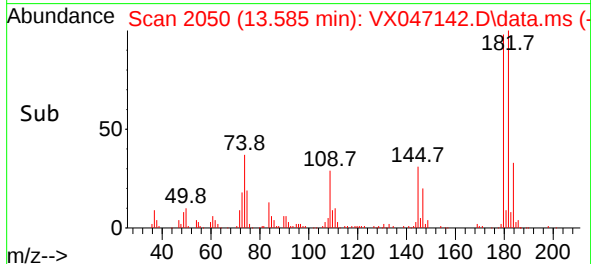
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



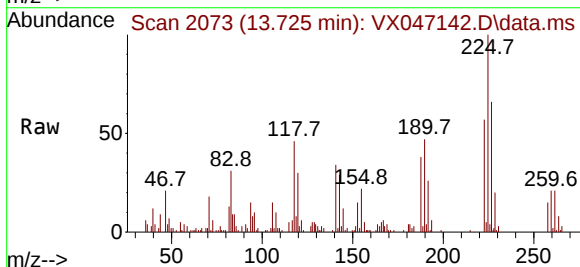
Tgt Ion:180 Resp: 2746
Ion Ratio Lower Upper
180 100
182 100.1 78.2 117.2
145 34.5 26.5 39.7

Manual Integrations
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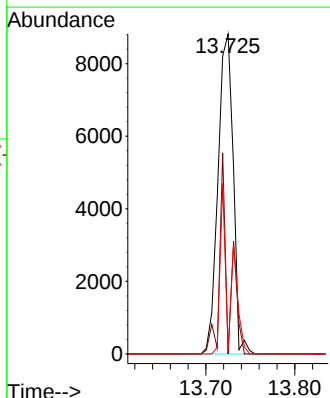
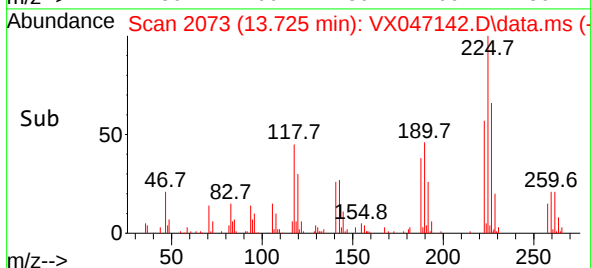
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

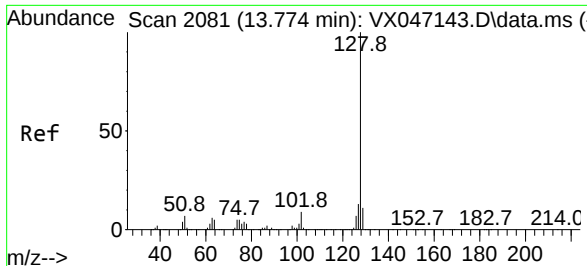


#90
Hexachlorobutadiene
Concen: 8.373 ug/l m
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18



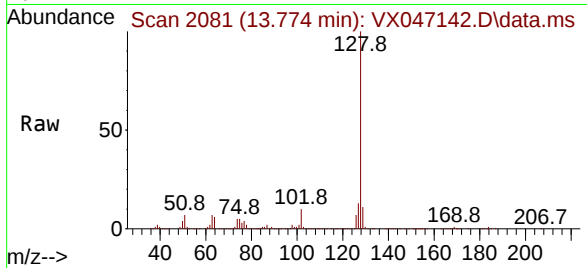
Tgt Ion:225 Resp: 10382
Ion Ratio Lower Upper
225 100
223 13.9 0.0 73.8
227 15.2 0.0 130.6





#91
Naphthalene
Concen: 7.386 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

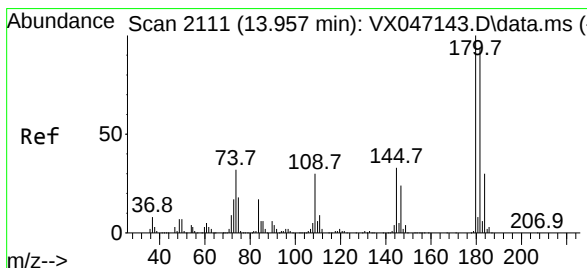
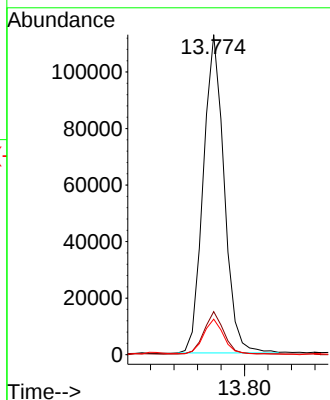
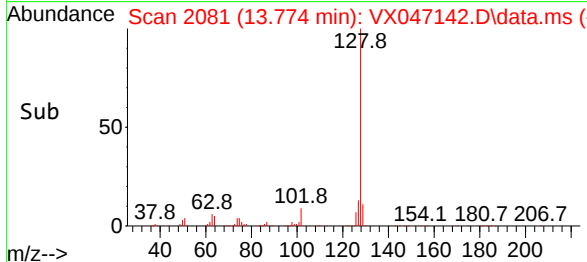
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 139120
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.3 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#92
1,2,3-Trichlorobenzene
Concen: 4.903 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047142.D
Acq: 25 Jul 2025 15:18

Tgt Ion:180 Resp: 26253
Ion Ratio Lower Upper
180 100
182 98.3 0.0 189.0
145 39.8 0.0 69.2

