

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047145.D
 Acq On : 25 Jul 2025 16:23
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 26 04:45:45 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	38747m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.775	114	306313	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	266902	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	124279	25.396	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	84.667%#		
60) 4-Bromofluorobenzene	11.079	95	127151	29.237	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	97.467%		
63) Toluene-d8	8.653	98	347276	29.873	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.567%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	417425	94.657	ug/l	100
3) Chloromethane	1.313	50	348651	87.972	ug/l	95
4) Vinyl Chloride	1.392	62	426573	89.885	ug/l	99
5) Bromomethane	1.630	94	170686	88.963	ug/l	99
6) Chloroethane	1.703	64	235997	88.103	ug/l	96
7) Trichlorofluoromethane	1.904	101	593289	92.020	ug/l	100
8) Diethyl Ether	2.148	74	215009	91.369	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	350344	91.437	ug/l	94
10) 1,1-Dichloroethene	2.337	96	350576	89.435	ug/l	93
11) Methyl Iodide	2.471	142	580858	96.009	ug/l #	97
12) Methyl Acetate	2.715	43	446009	91.413	ug/l	97
13) Acrolein	2.252	56	313327	480.197	ug/l	99
14) Acrylonitrile	3.081	53	901934	447.912	ug/l	99
15) Acetone	2.392	58	217193	439.370	ug/l	95
16) Carbon Disulfide	2.532	76	971744	85.511	ug/l	100
17) Allyl chloride	2.685	41	615817	91.957	ug/l	98
18) Methylene Chloride	2.806	84	376038	88.885	ug/l	92
19) trans-1,2-Dichloroethene	3.111	96	360497	89.802	ug/l	89
20) Diisopropyl ether	3.776	45	1266850	88.467	ug/l	95
21) 1,1-Dichloroethane	3.630	63	693919	89.032	ug/l	99
22) cis-1,2-Dichloroethene	4.507	96	431369	88.001	ug/l	99
23) tert-Butyl Alcohol	2.965	59	244021	436.507	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	1174510	89.455	ug/l	100
25) Chloroform	5.111	83	681276	88.782	ug/l	95
26) Cyclohexane	5.489	56	634715	83.869	ug/l #	99
29) 1,1-Dichloropropene	5.708	75	485750	101.817	ug/l	99
30) 2-Butanone	4.568	43	1171301	519.789	ug/l	98
31) 2,2-Dichloropropane	4.489	77	537106m	104.853	ug/l	
32) 1,1,1-Trichloroethane	5.404	97	618331	104.664	ug/l #	79
33) Carbon Tetrachloride	5.690	117	484565m	115.920	ug/l	
34) Benzene	6.050	78	1458054	103.520	ug/l	99
35) Methacrylonitrile	4.934	41	250552	102.855	ug/l	95
36) 1,2-Dichloroethane	6.099	62	517682	102.347	ug/l	99
37) Trichloroethene	7.135	130	371257	104.739	ug/l	99
38) Methylcyclohexane	7.391	83	634281	103.125	ug/l	99
39) 1,2-Dichloropropane	7.434	63	369662	102.372	ug/l	99
40) Dibromomethane	7.586	93	263751	104.712	ug/l	95
41) Bromodichloromethane	7.824	83	551662	104.661	ug/l #	93
42) Vinyl Acetate	3.733	43	5422155	523.416	ug/l	99

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	519558	101.117	ug/l	97
44) Isopropyl Acetate	6.349	43	862579	106.696	ug/l	98
45) 1,4-Dioxane	7.726	88	100383	1986.763	ug/l #	76
46) Methyl methacrylate	7.696	41	438490	105.698	ug/l	91
47) n-amyl Acetate	10.842	43	729797	103.241	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	537939	105.593	ug/l	96
49) cis-1,3-Dichloropropene	8.373	75	582102	104.457	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	341173	101.851	ug/l	99
51) Ethyl methacrylate	9.116	69	577278	105.707	ug/l	98
52) 1,3-Dichloropropane	9.311	76	585087	100.681	ug/l	99
53) Dibromochloromethane	9.519	129	158987m	129.231	ug/l	
54) 1,2-Dibromoethane	9.610	107	356246	101.587	ug/l	99
55) 2-Chloroethyl vinyl ether	8.245	63	1394361	523.604	ug/l	100
56) Bromoform	10.799	173	5312m	106.565	ug/l	
58) 4-Methyl-2-Pentanone	8.574	43	2428937	521.576	ug/l	99
59) 2-Hexanone	9.433	43	1695046	514.535	ug/l	99
61) Tetrachloroethene	9.275	164	296088	101.313	ug/l	98
62) Toluene	8.720	91	1528837	102.430	ug/l	99
64) Chlorobenzene	10.080	112	978154	102.200	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.165	131	340471	112.521	ug/l	95
66) Ethyl Benzene	10.195	91	1746131	102.246	ug/l	99
67) m/p-Xylenes	10.299	106	1280088	202.265	ug/l	97
68) o-Xylene	10.640	106	628141	102.914	ug/l	98
69) Styrene	10.653	104	1078502	103.027	ug/l	100
70) Isopropylbenzene	10.964	105	1635688	100.612	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	485382	100.638	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	377303m	101.568	ug/l	
73) Bromobenzene	11.195	156	392287	100.818	ug/l	99
74) n-propylbenzene	11.305	91	1964987	100.673	ug/l	100
75) 2-Chlorotoluene	11.366	91	1145511	99.173	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	1327386	99.236	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	69504	126.438	ug/l	93
78) 4-Chlorotoluene	11.451	91	1331446	99.969	ug/l	100
79) tert-butylbenzene	11.713	119	1351008	100.925	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	1324824	99.857	ug/l	99
81) sec-Butylbenzene	11.890	105	1678021	100.443	ug/l	100
82) p-Isopropyltoluene	12.006	119	1383965	99.696	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	720455	99.101	ug/l	100
84) 1,4-Dichlorobenzene	12.037	146	708626	98.350	ug/l	99
85) n-Butylbenzene	12.329	91	1316545	98.823	ug/l	99
86) Hexachloroethane	12.536	117	162241m	84.047	ug/l	
87) 1,2-Dichlorobenzene	12.335	146	670219	98.299	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	105730	101.260	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	469123	99.513	ug/l	98
90) Hexachlorobutadiene	13.719	225	125333	119.641	ug/l	79
91) Naphthalene	13.774	128	1528375	96.045	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	451247	99.756	ug/l	99

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

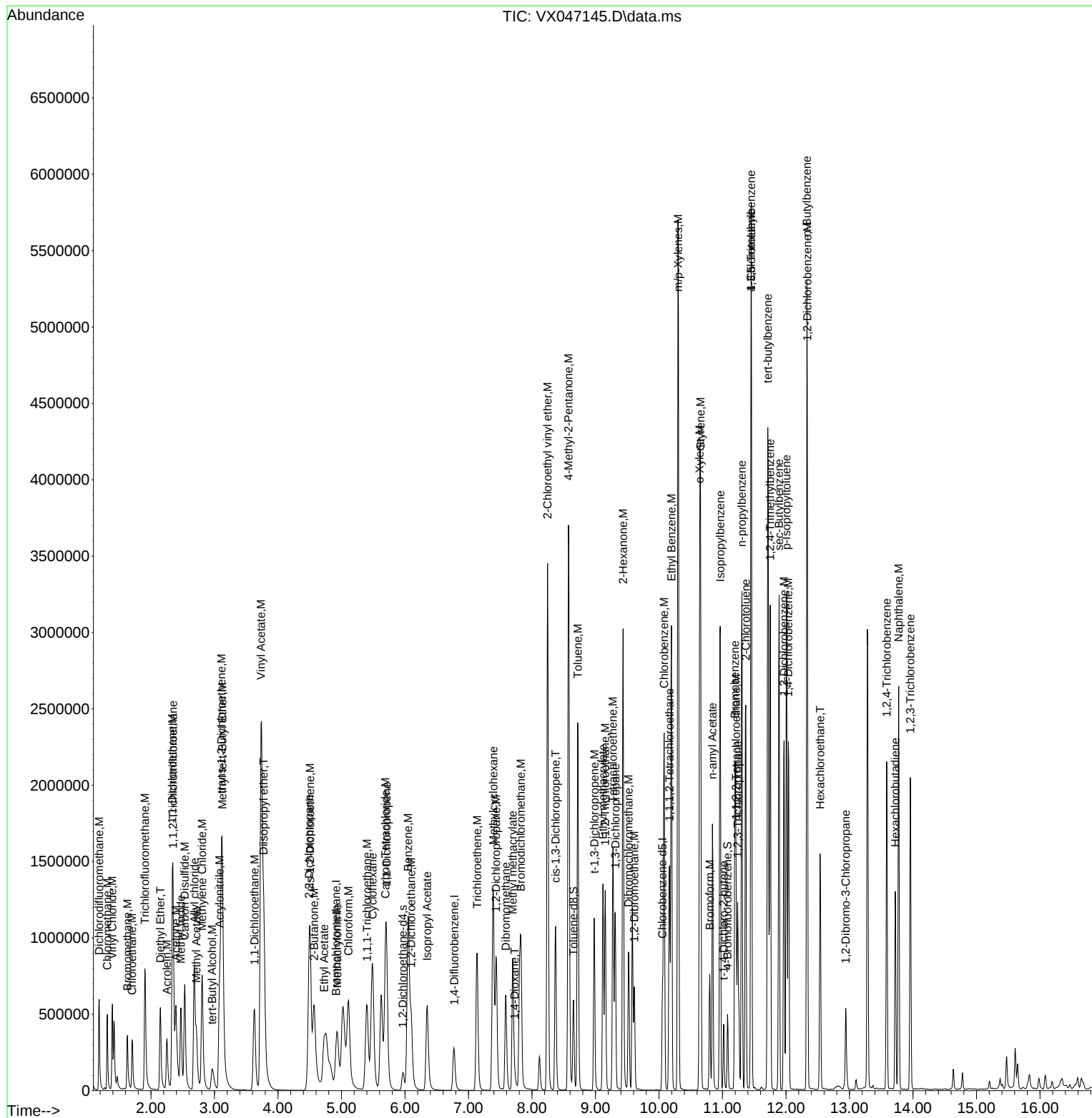
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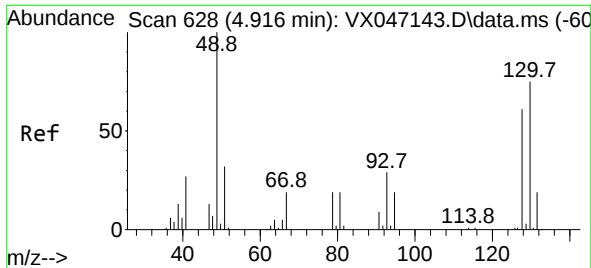
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

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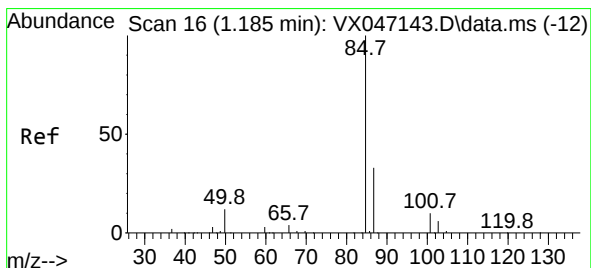
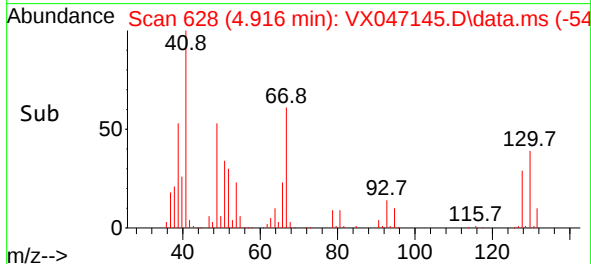
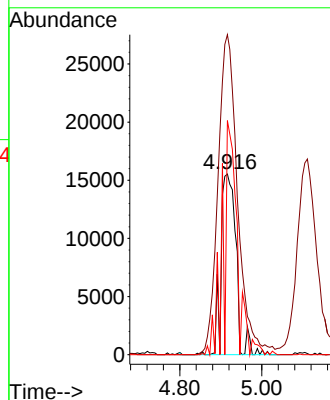
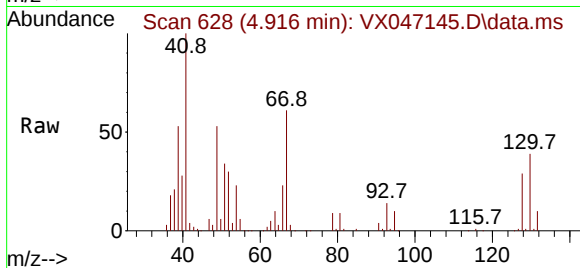
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Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 3874
Ion Ratio Lower Upper
128 100
49 232.7 0.0 0.0
130 77.3 0.0 0.0

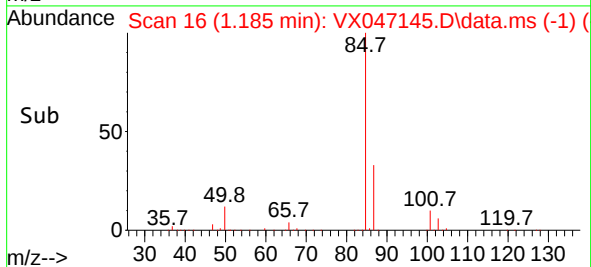
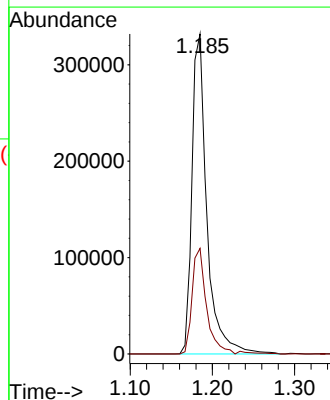
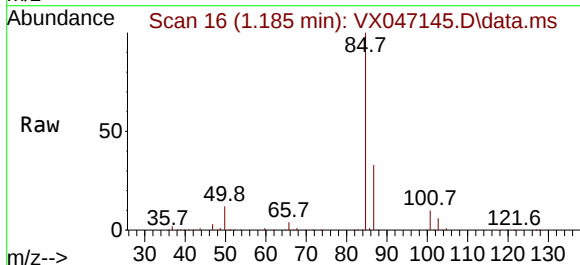
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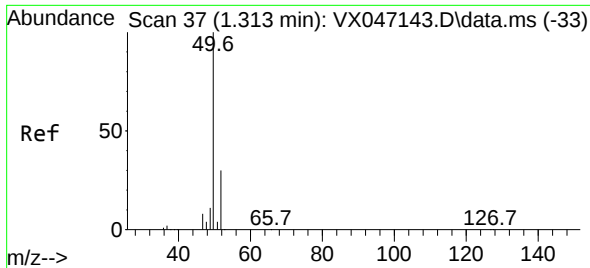
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#2
Dichlorodifluoromethane
Concen: 94.657 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

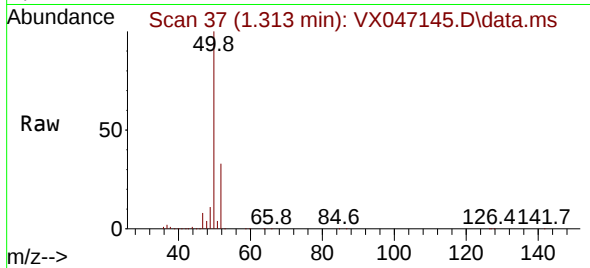
Tgt Ion: 85 Resp: 417425
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.1





#3
Chloromethane
Concen: 87.972 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

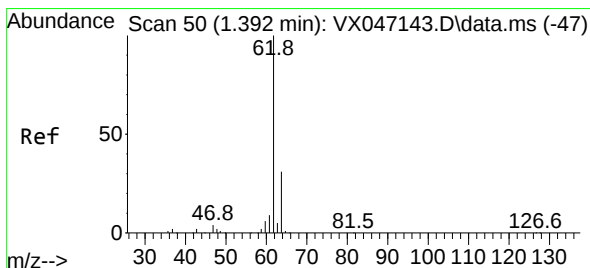
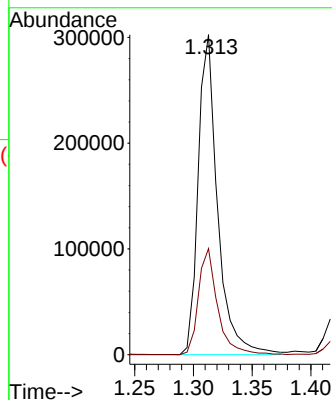
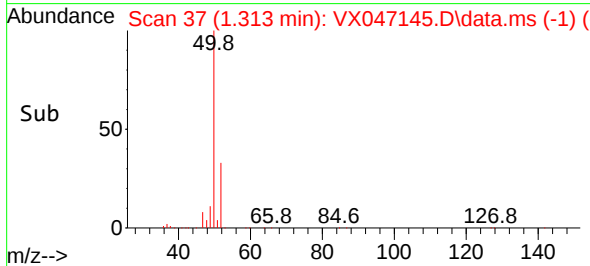
Instrument :
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ClientSampleId :
VSTDICC100



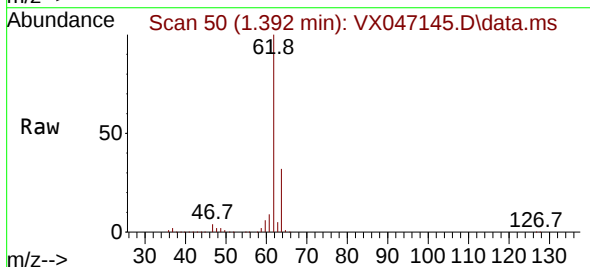
Tgt Ion: 50 Resp: 34865
Ion Ratio Lower Upper
50 100
52 33.2 24.4 36.6

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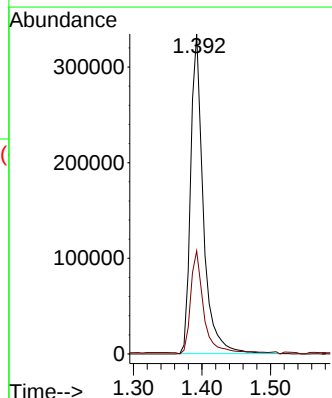
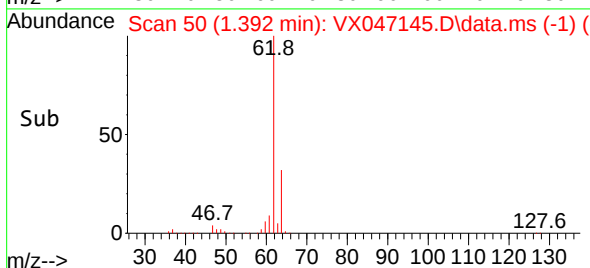
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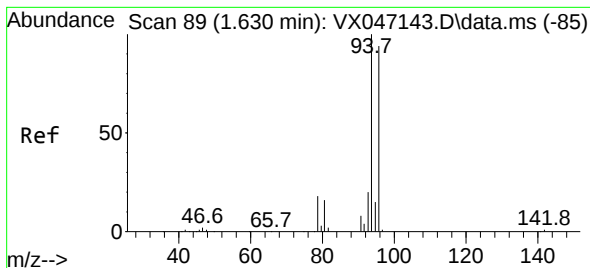


#4
Vinyl Chloride
Concen: 89.885 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23



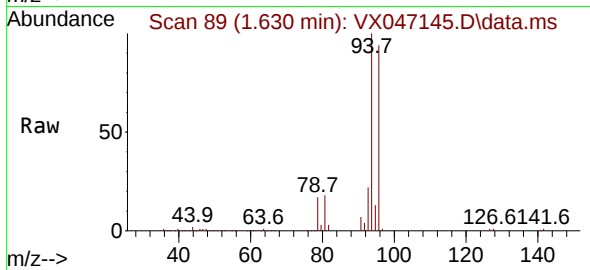
Tgt Ion: 62 Resp: 426573
Ion Ratio Lower Upper
62 100
64 32.9 25.7 38.5





#5
Bromomethane
Concen: 88.963 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

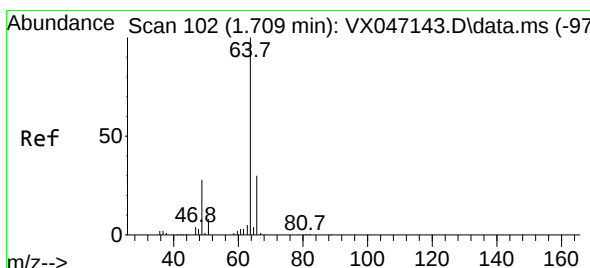
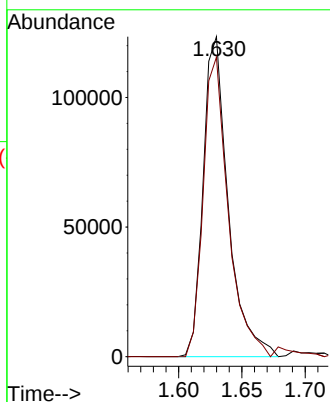
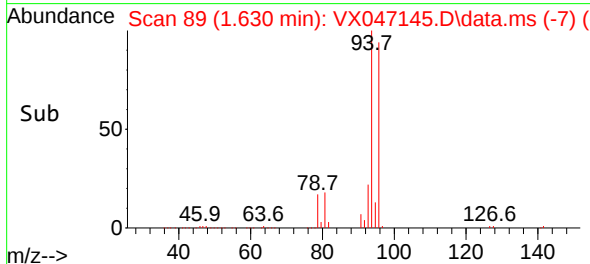
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



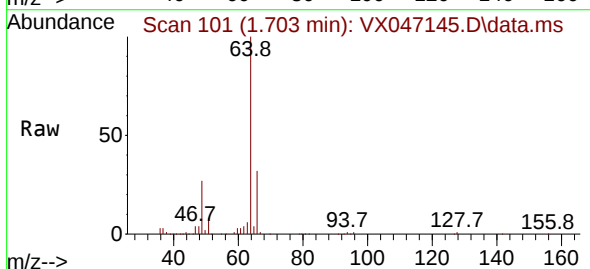
Tgt Ion: 94 Resp: 170680
Ion Ratio Lower Upper
94 100
96 83.6 66.0 99.0

Manual Integrations
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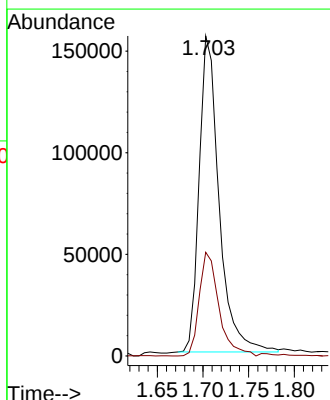
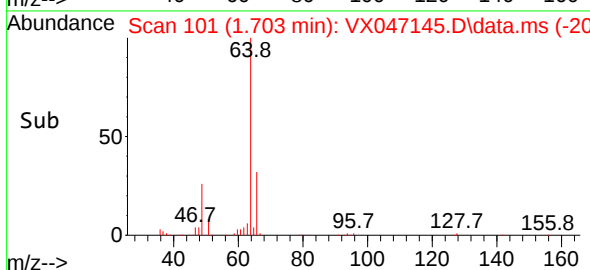
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Supervised By :Mahesh Dadoda 07/28/2025

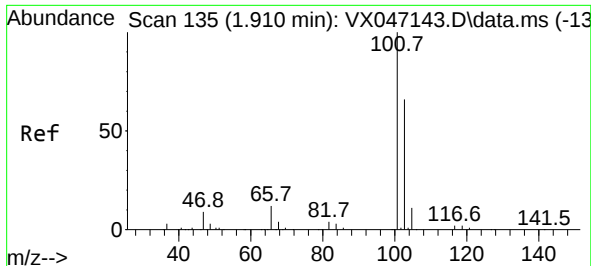


#6
Chloroethane
Concen: 88.103 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23



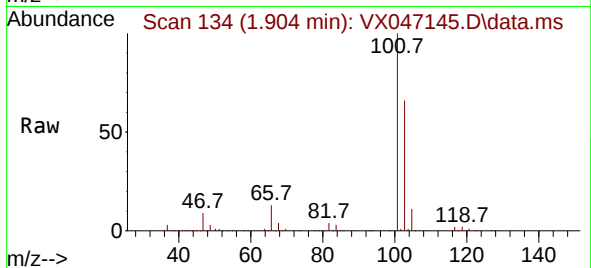
Tgt Ion: 64 Resp: 235997
Ion Ratio Lower Upper
64 100
66 32.8 24.3 36.5





#7
Trichlorofluoromethane
Concen: 92.020 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

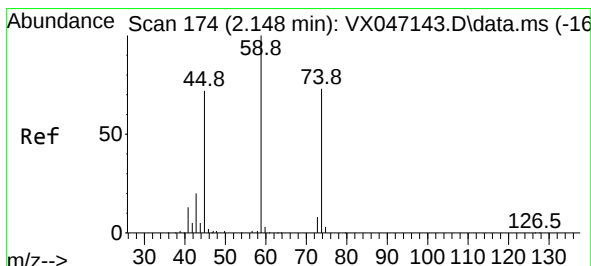
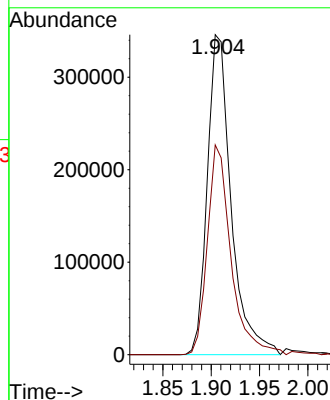
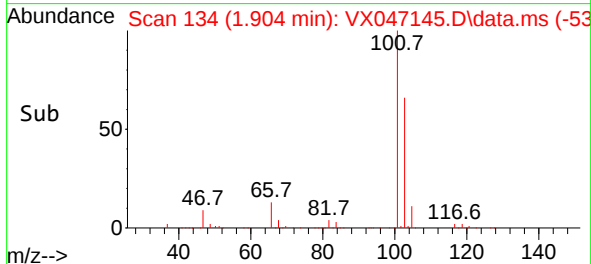
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 593289
Ion Ratio Lower Upper
101 100
103 65.3 52.4 78.6

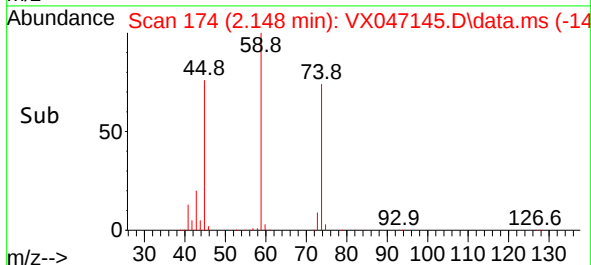
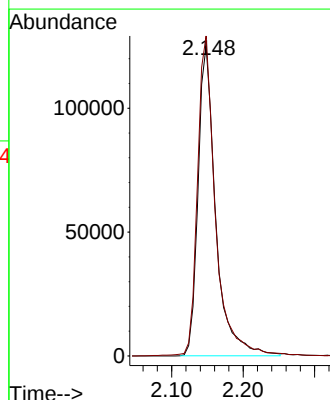
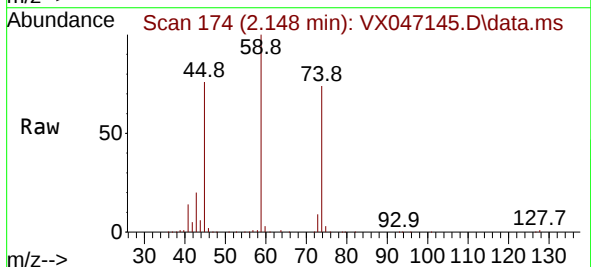
Manual Integrations
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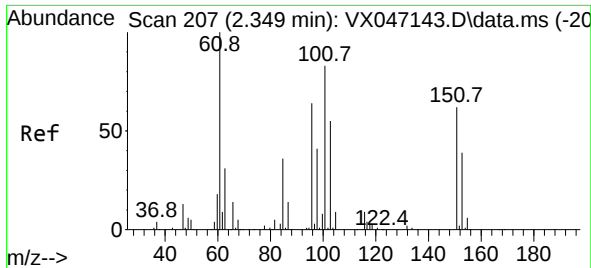
Reviewed By :John Carlone 07/28/2025
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#8
Diethyl Ether
Concen: 91.369 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

Tgt Ion: 74 Resp: 215009
Ion Ratio Lower Upper
74 100
45 104.6 22.0 197.6





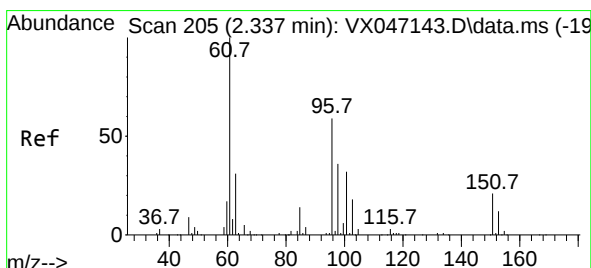
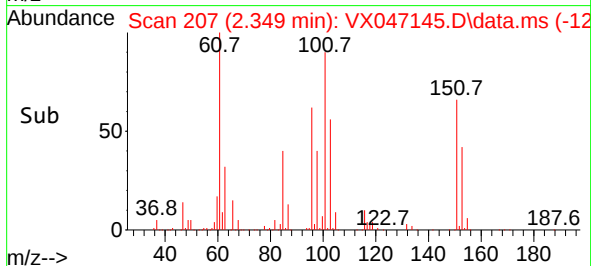
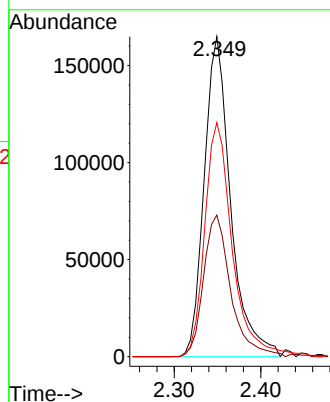
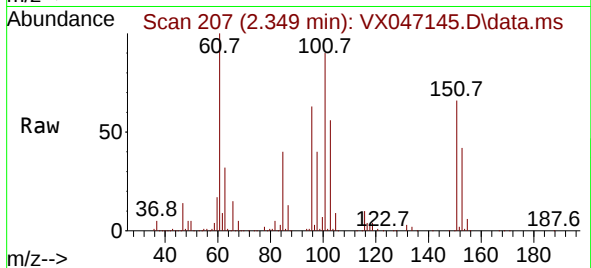
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 1,1,2-Trichlorotrifluoroethane
 Concen: 91.437 ug/l
 RT: 2.349 min Scan# 207
 Delta R.T. 0.000 min
 Lab File: VX047145.D
 Acq: 25 Jul 2025 16:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:101 Resp: 350344
 Ion Ratio Lower Upper
 101 100
 85 45.5 0.0 91.8
 151 76.3 0.0 137.2

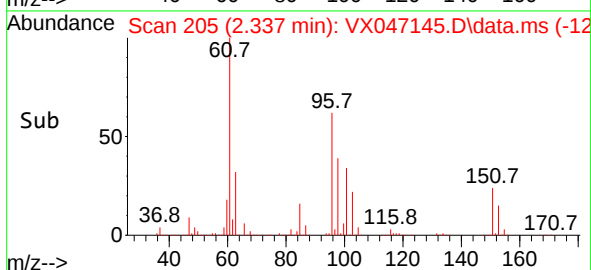
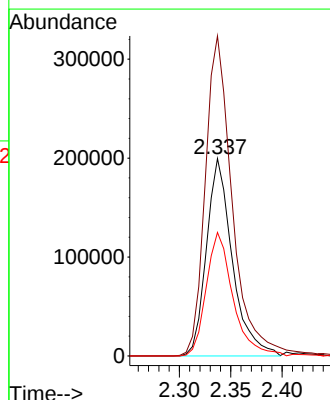
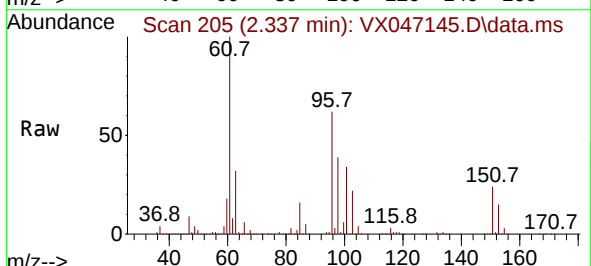
Manual Integrations
 APPROVED

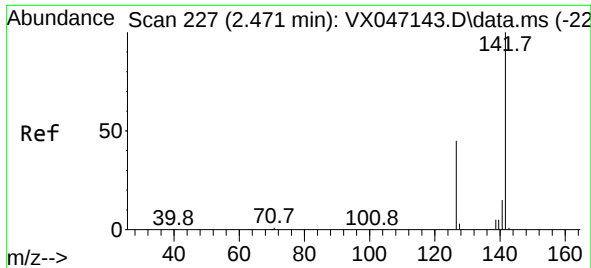
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025



#10
 1,1-Dichloroethene
 Concen: 89.435 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. 0.000 min
 Lab File: VX047145.D
 Acq: 25 Jul 2025 16:23

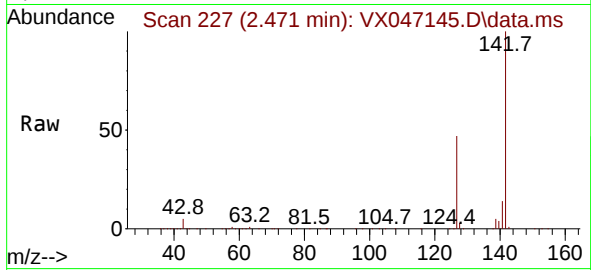
Tgt Ion: 96 Resp: 350576
 Ion Ratio Lower Upper
 96 100
 61 168.2 145.5 218.3
 98 61.7 49.5 74.3





#11
Methyl Iodide
Concen: 96.009 ug/l
RT: 2.471 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

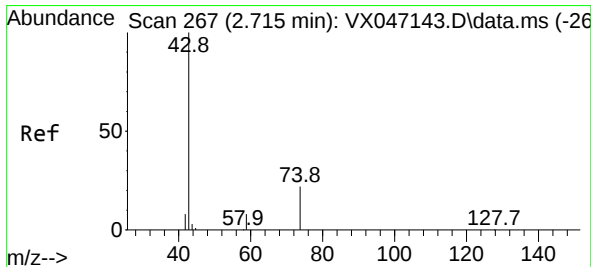
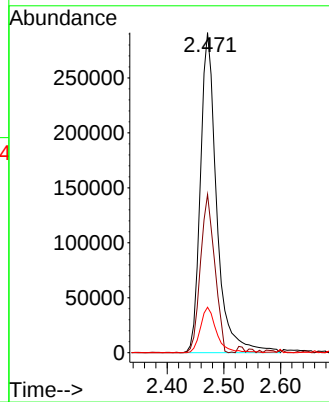
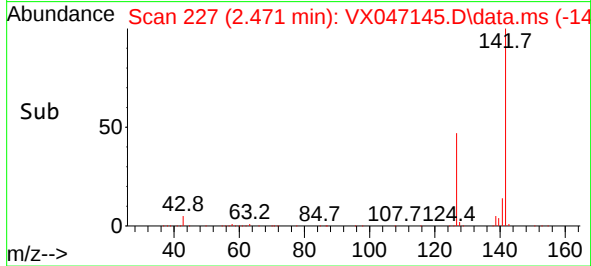
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



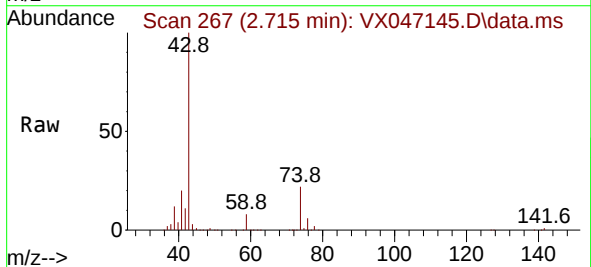
Tgt Ion:142 Resp: 58085
Ion Ratio Lower Upper
142 100
127 48.5 0.9 2.8
141 112.4 55.5 166.5

Manual Integrations
APPROVED

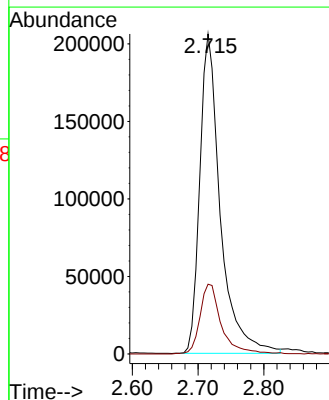
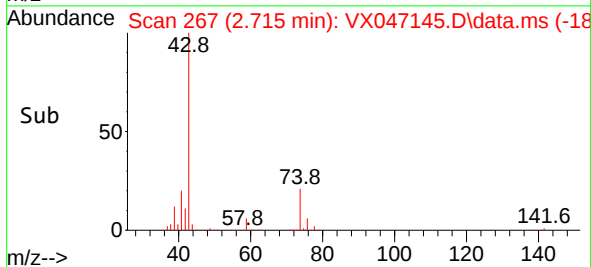
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

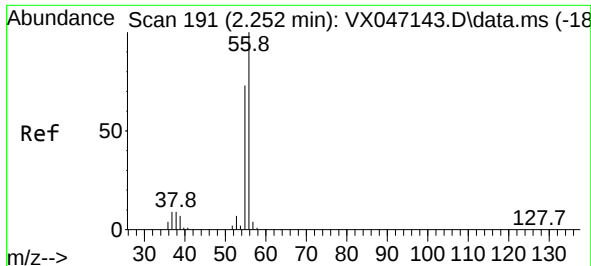


#12
Methyl Acetate
Concen: 91.413 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23



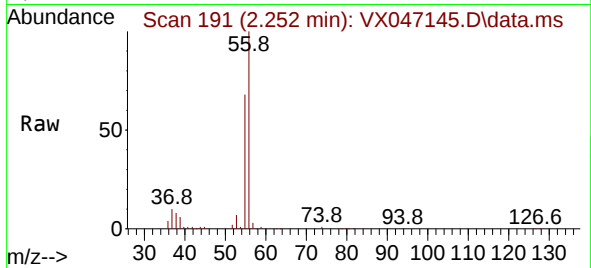
Tgt Ion: 43 Resp: 446009
Ion Ratio Lower Upper
43 100
74 21.7 18.4 27.6





#13
Acrolein
Concen: 480.197 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

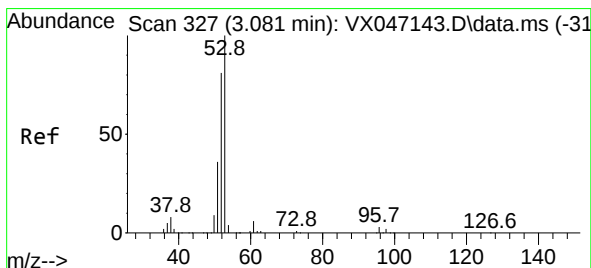
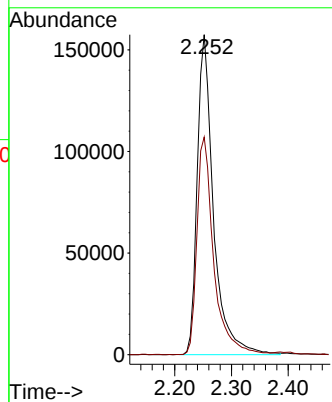
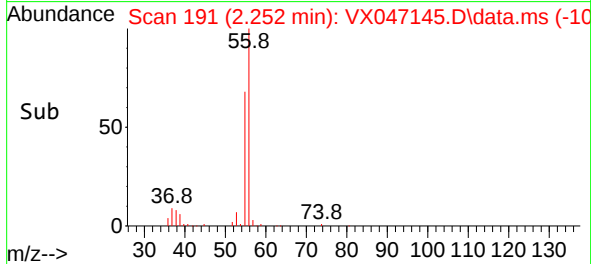
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



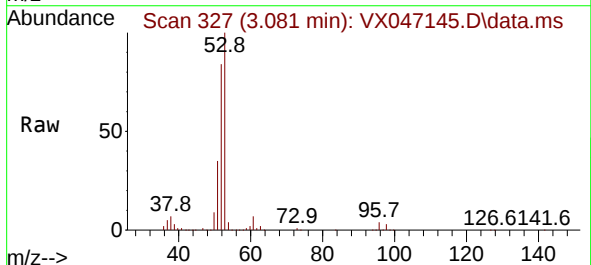
Tgt Ion: 56 Resp: 31332
Ion Ratio Lower Upper
56 100
55 70.2 56.8 85.2

Manual Integrations
APPROVED

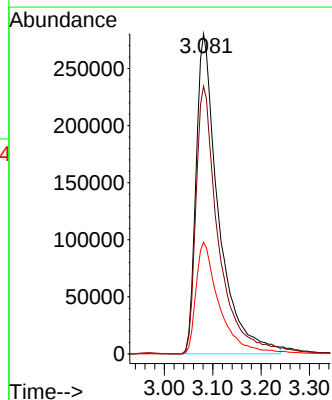
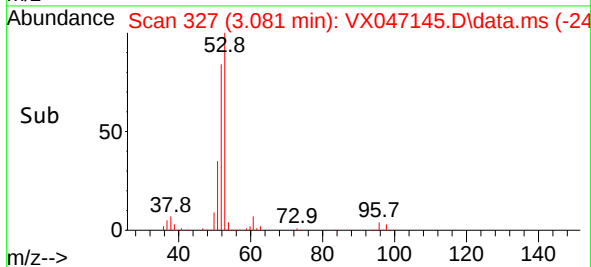
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

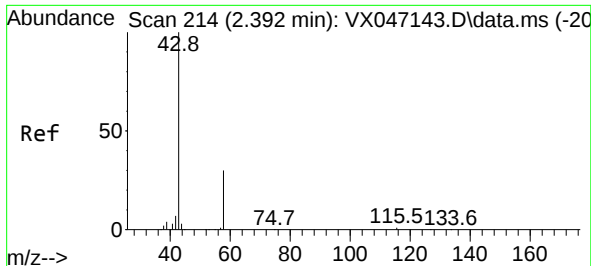


#14
Acrylonitrile
Concen: 447.912 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23



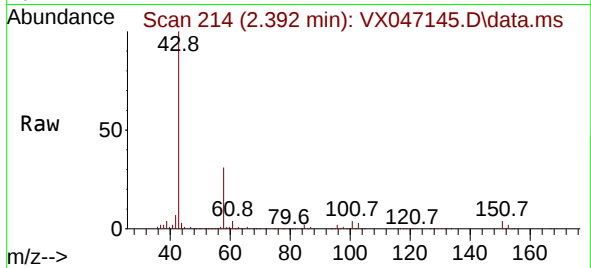
Tgt Ion: 53 Resp: 901934
Ion Ratio Lower Upper
53 100
52 82.5 41.3 123.7
51 36.2 17.2 51.5





#15
Acetone
Concen: 439.370 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

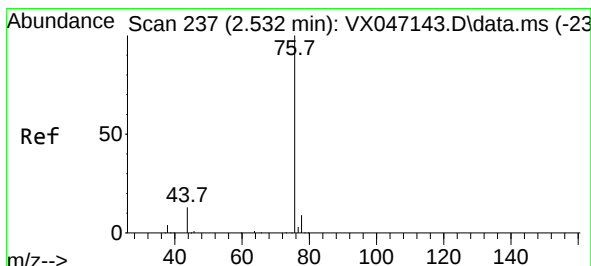
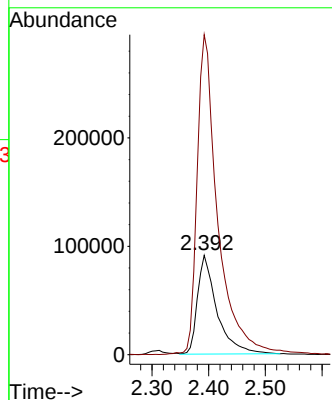
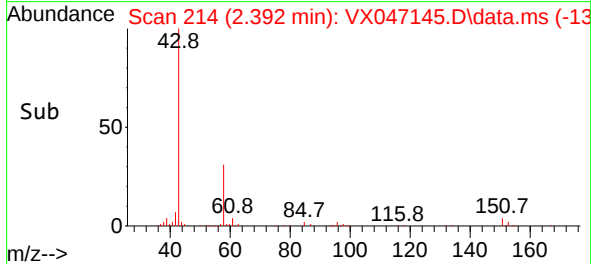
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



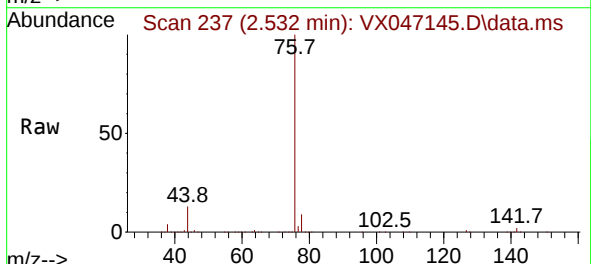
Tgt Ion: 58 Resp: 217193
Ion Ratio Lower Upper
58 100
43 323.1 266.9 400.3

Manual Integrations
APPROVED

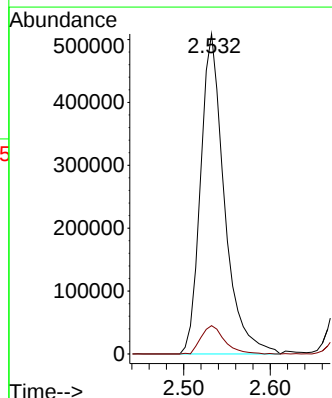
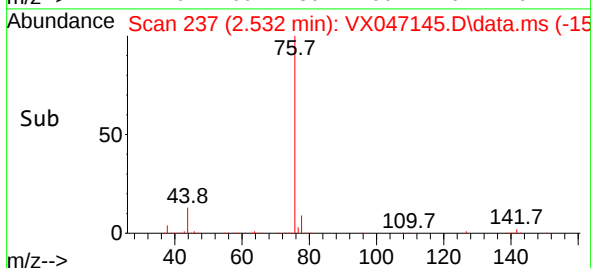
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

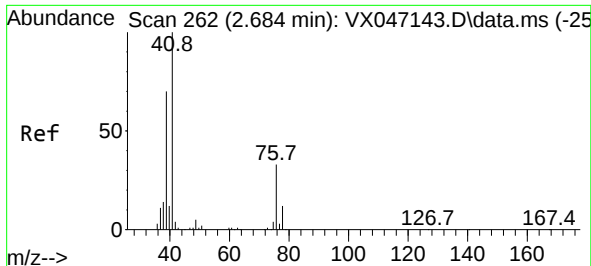


#16
Carbon Disulfide
Concen: 85.511 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23



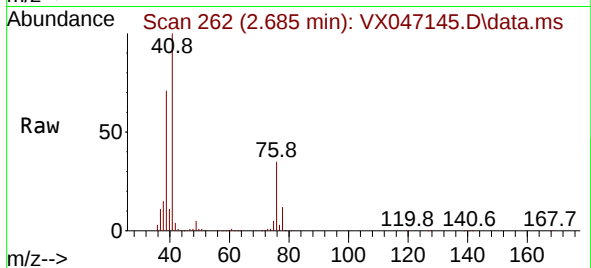
Tgt Ion: 76 Resp: 971744
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7





#17
 Allyl chloride
 Concen: 91.957 ug/l
 RT: 2.685 min Scan# 262
 Delta R.T. 0.000 min
 Lab File: VX047145.D
 Acq: 25 Jul 2025 16:23

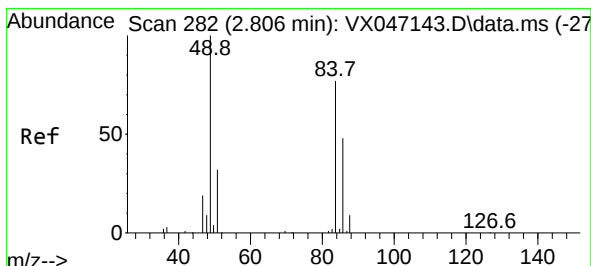
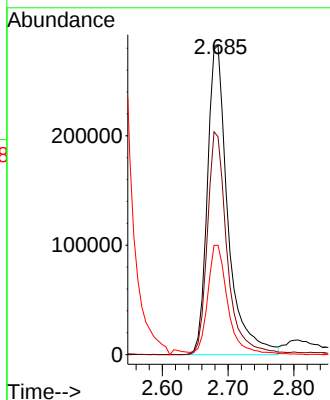
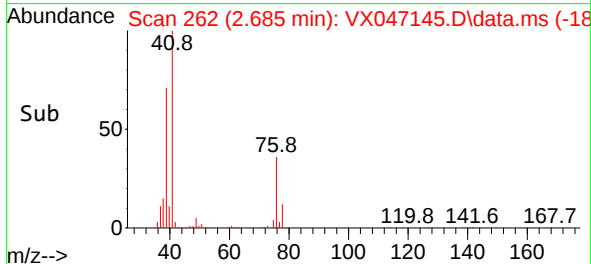
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



Tgt Ion: 41 Resp: 61581
 Ion Ratio Lower Upper
 41 100
 39 70.2 34.3 102.8
 76 35.0 16.7 50.0

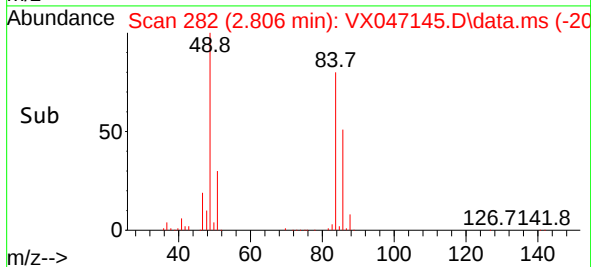
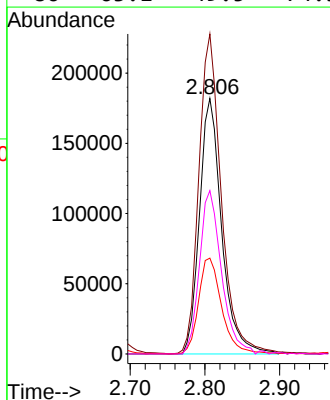
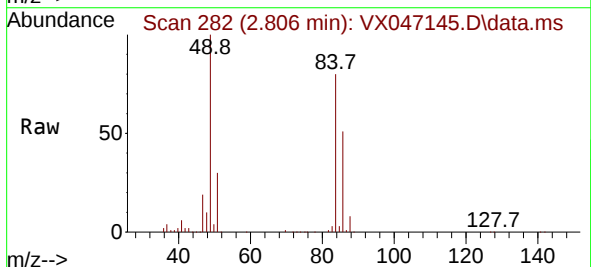
Manual Integrations
 APPROVED

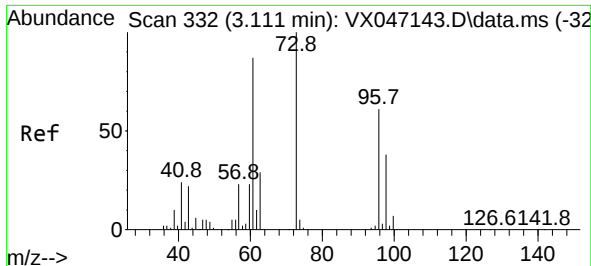
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025



#18
 Methylene Chloride
 Concen: 88.885 ug/l
 RT: 2.806 min Scan# 282
 Delta R.T. 0.000 min
 Lab File: VX047145.D
 Acq: 25 Jul 2025 16:23

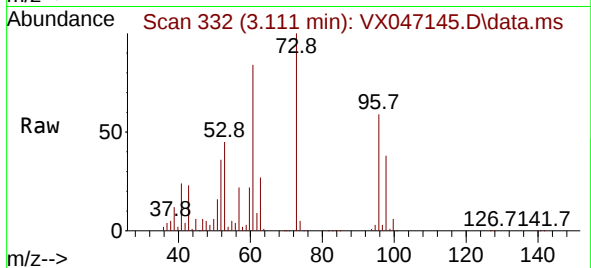
Tgt Ion: 84 Resp: 376038
 Ion Ratio Lower Upper
 84 100
 49 120.9 107.9 161.9
 51 36.6 33.4 50.2
 86 63.1 49.5 74.3





#19
trans-1,2-Dichloroethene
Concen: 89.802 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

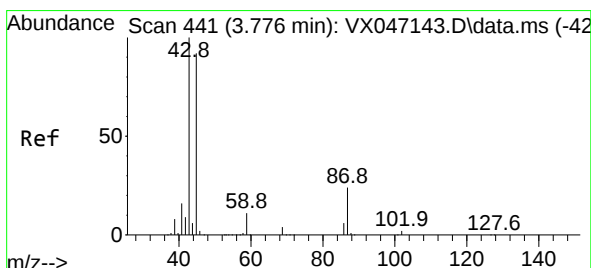
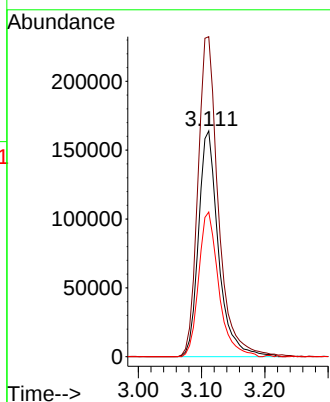
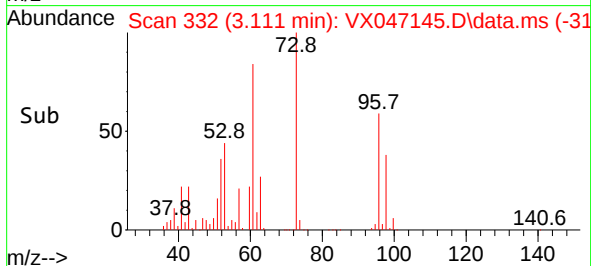
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 36049
Ion Ratio Lower Upper
96 100
61 134.4 122.3 183.5
98 60.7 50.2 75.2

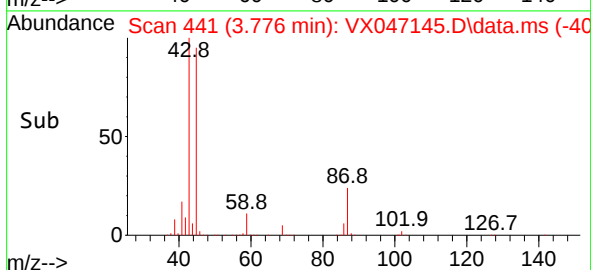
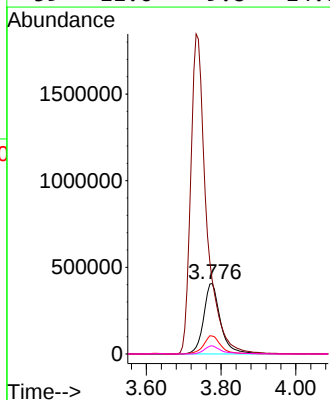
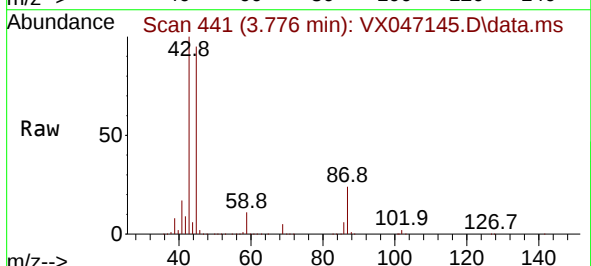
Manual Integrations
APPROVED

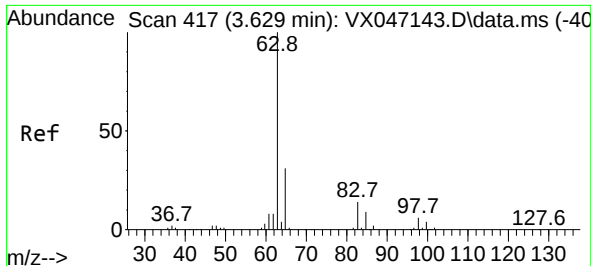
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#20
Diisopropyl ether
Concen: 88.467 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

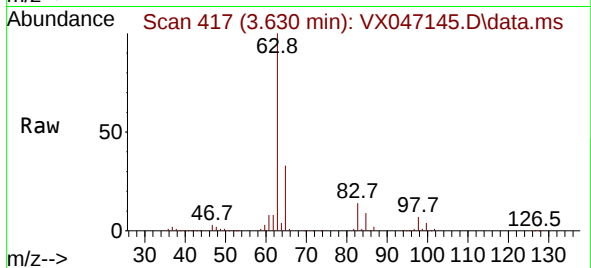
Tgt Ion: 45 Resp: 1266850
Ion Ratio Lower Upper
45 100
43 105.2 89.1 133.7
87 25.6 21.3 31.9
59 11.6 9.8 14.8





#21
1,1-Dichloroethane
Concen: 89.032 ug/l
RT: 3.630 min Scan# 417
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

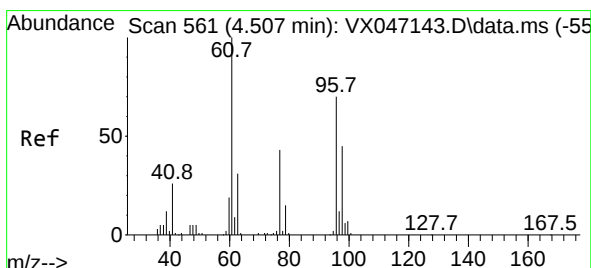
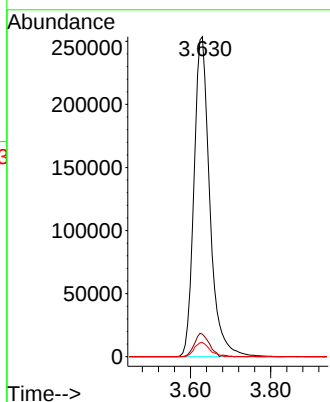
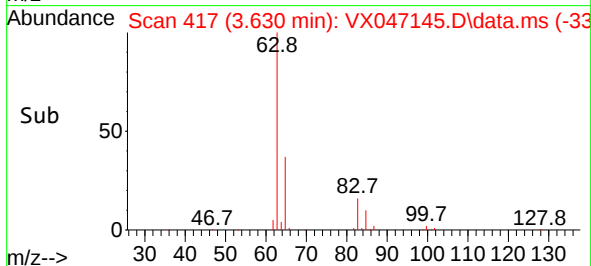
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 63 Resp: 693919
Ion Ratio Lower Upper
63 100
98 7.7 3.5 10.5
100 4.5 2.2 6.6

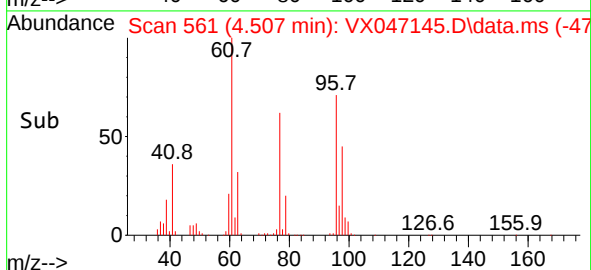
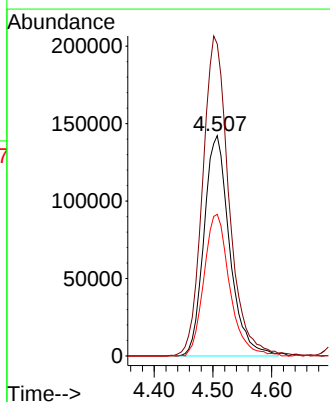
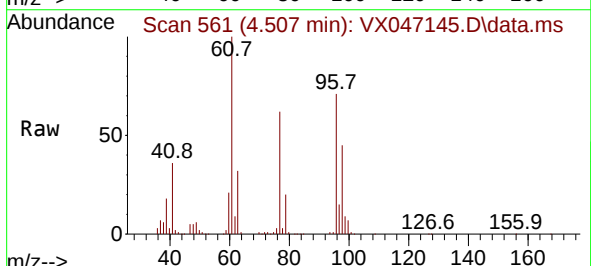
Manual Integrations
APPROVED

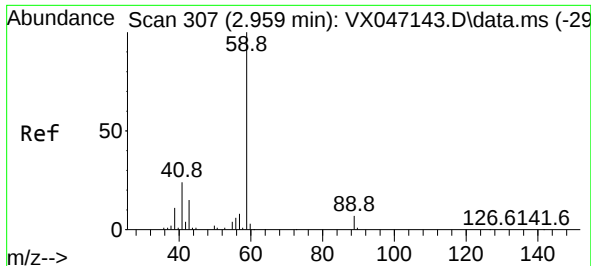
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#22
cis-1,2-Dichloroethene
Concen: 88.001 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

Tgt Ion: 96 Resp: 431369
Ion Ratio Lower Upper
96 100
61 149.3 120.0 180.0
98 64.1 52.8 79.2





#23

tert-Butyl Alcohol

Concen: 436.507 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX047145.D

Acq: 25 Jul 2025 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 59 Resp: 24402

Ion Ratio Lower Upper

59 100

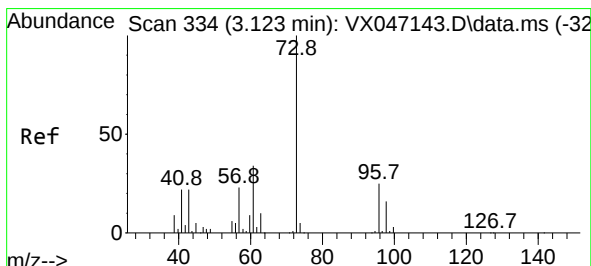
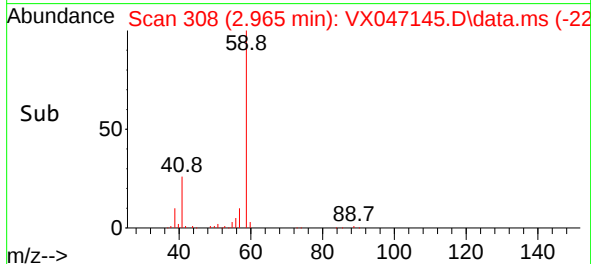
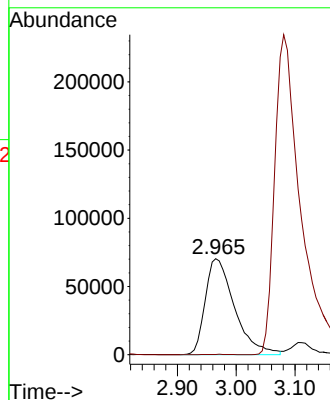
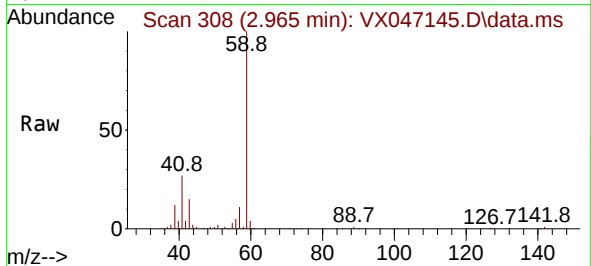
52 0.1 0.2 0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#24

Methyl tert-Butyl Ether

Concen: 89.455 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.000 min

Lab File: VX047145.D

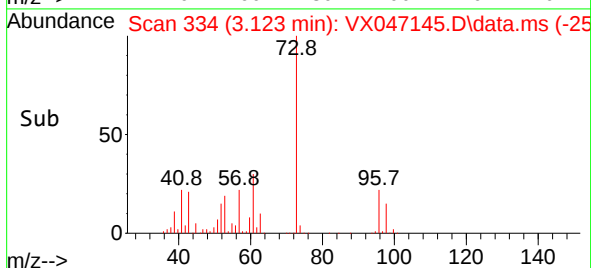
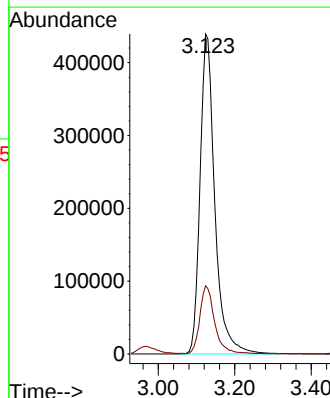
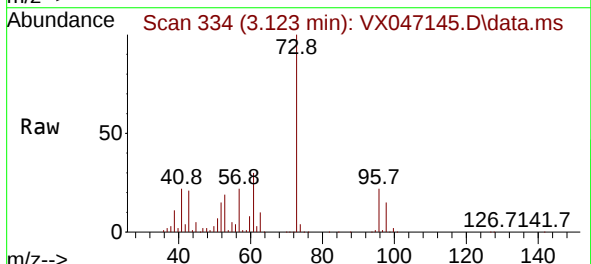
Acq: 25 Jul 2025 16:23

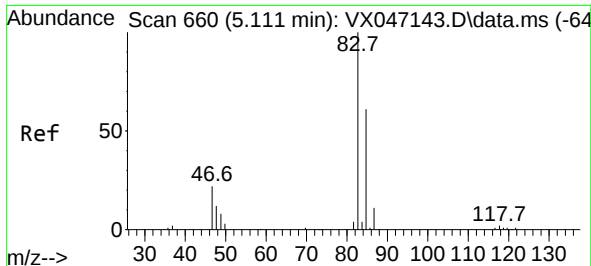
Tgt Ion: 73 Resp: 1174510

Ion Ratio Lower Upper

73 100

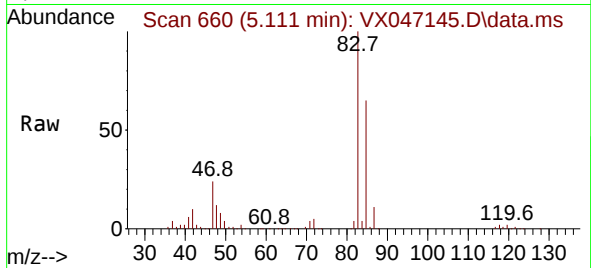
43 21.2 16.9 25.3





#25
Chloroform
Concen: 88.782 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

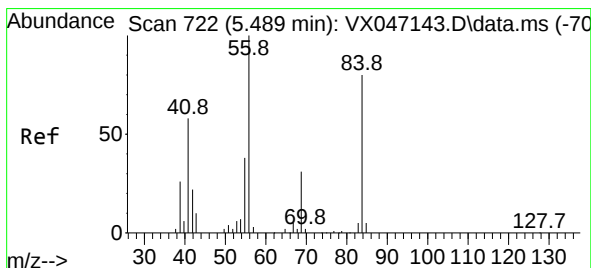
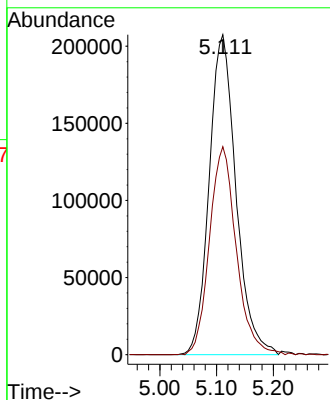
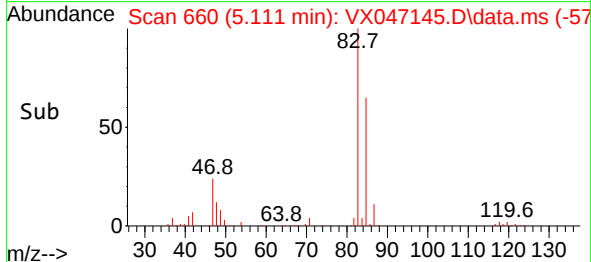
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 83 Resp: 681270
Ion Ratio Lower Upper
83 100
85 63.6 48.0 72.0

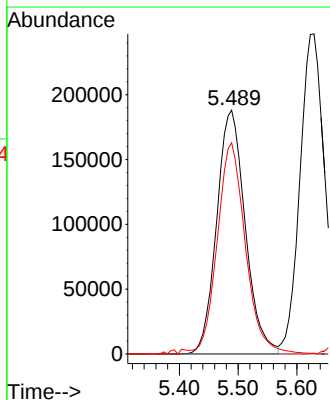
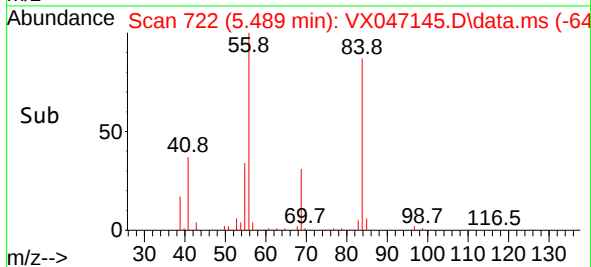
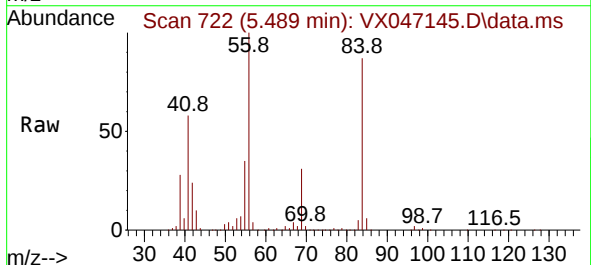
Manual Integrations
APPROVED

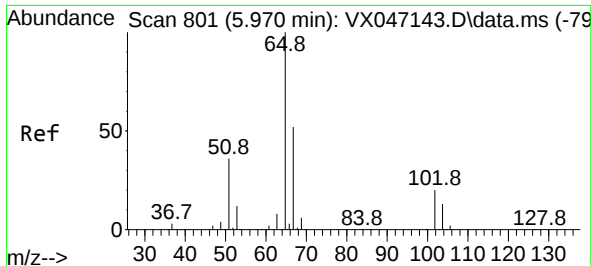
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#26
Cyclohexane
Concen: 83.869 ug/l
RT: 5.489 min Scan# 722
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

Tgt Ion: 56 Resp: 634715
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.4 67.9 101.9





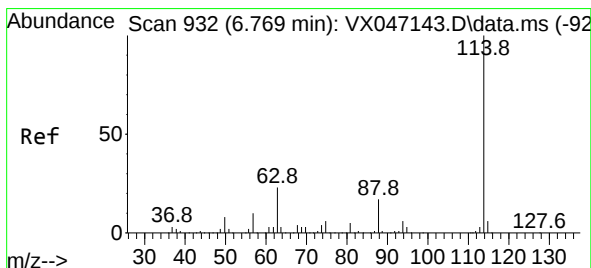
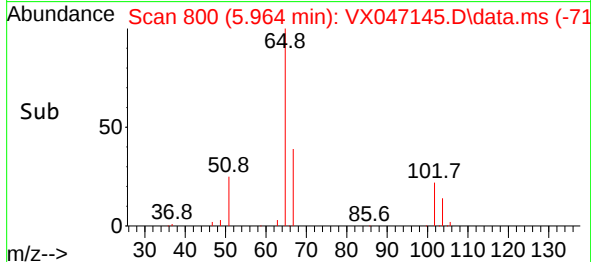
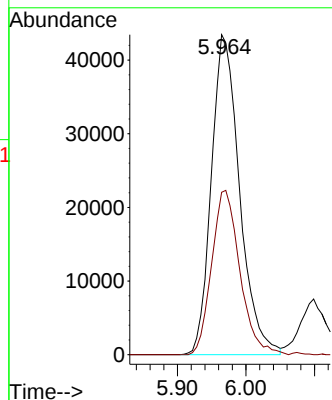
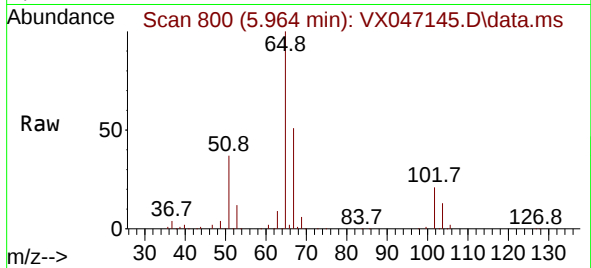
#27
1,2-Dichloroethane-d4
Concen: 25.396 ug/l
RT: 5.964 min Scan# 801
Delta R.T. -0.006 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 65 Resp: 124279
Ion Ratio Lower Upper
65 100
67 51.2 40.7 61.1

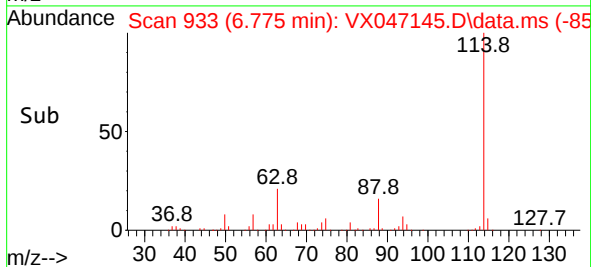
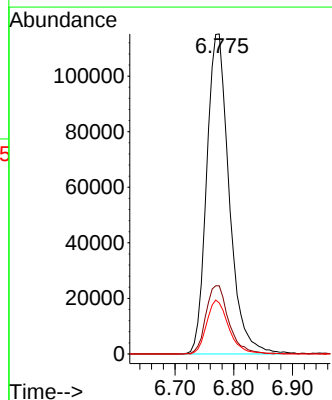
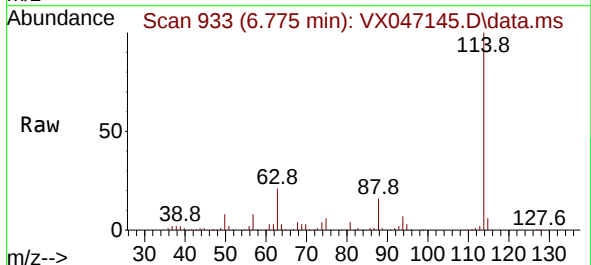
Manual Integrations
APPROVED

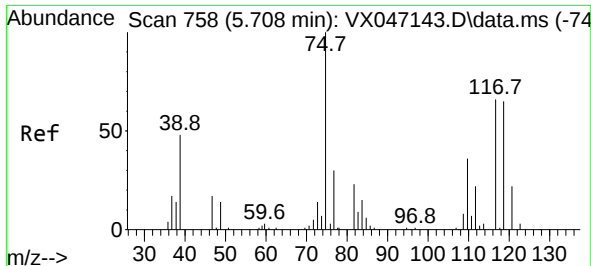
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.006 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

Tgt Ion:114 Resp: 306313
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: 101.817 ug/l

RT: 5.708 min Scan# 75

Delta R.T. 0.000 min

Lab File: VX047145.D

Acq: 25 Jul 2025 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 485750

Ion Ratio Lower Upper

75 100

110 34.2 0.0 70.8

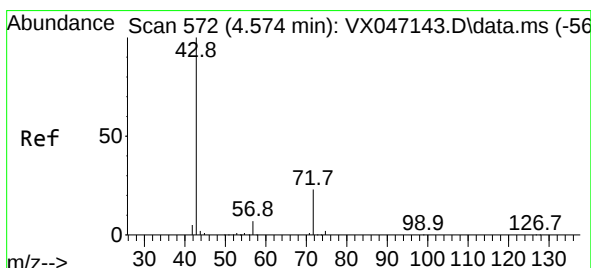
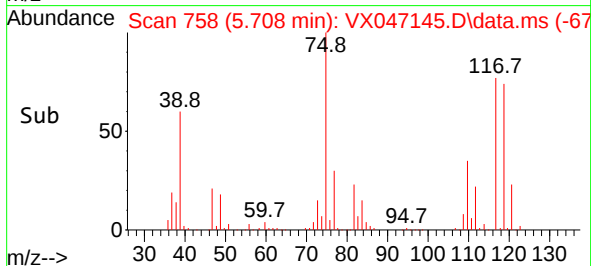
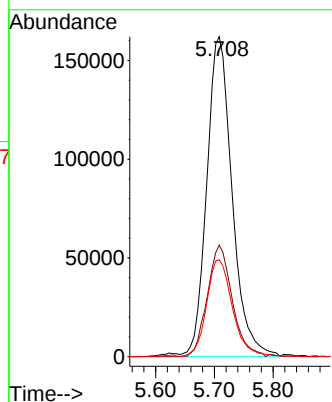
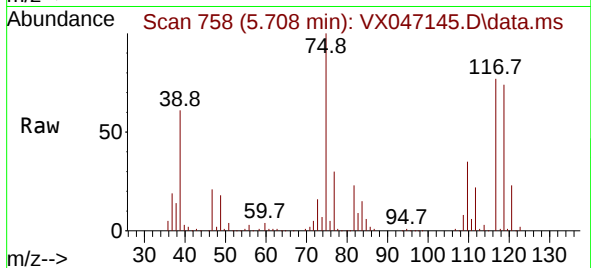
77 31.0 0.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#30

2-Butanone

Concen: 519.789 ug/l

RT: 4.568 min Scan# 571

Delta R.T. -0.006 min

Lab File: VX047145.D

Acq: 25 Jul 2025 16:23

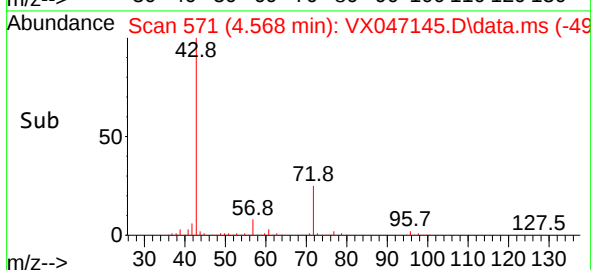
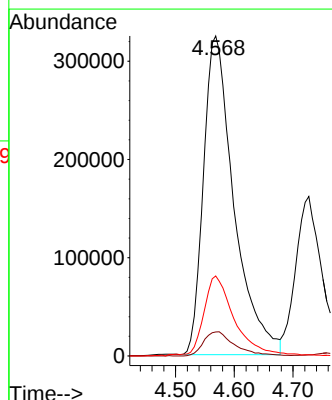
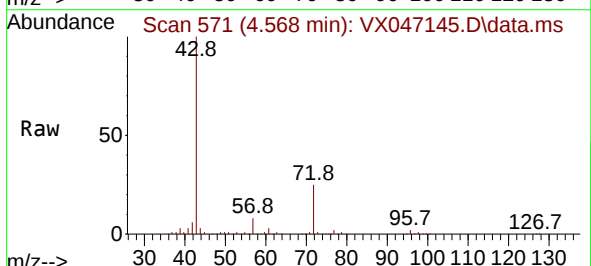
Tgt Ion: 43 Resp: 1171301

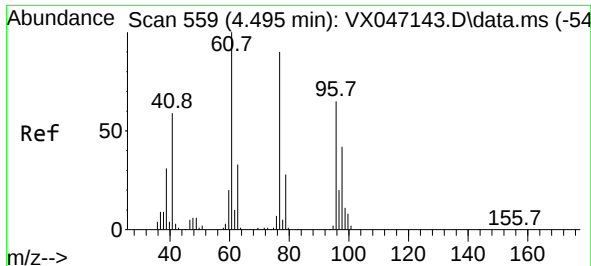
Ion Ratio Lower Upper

43 100

57 7.8 5.9 8.9

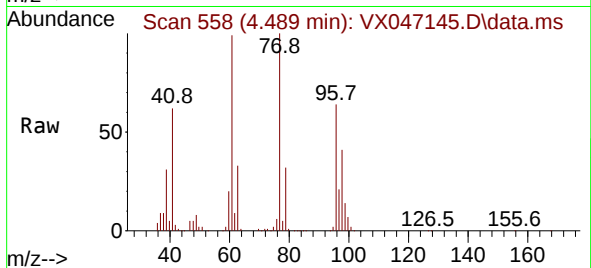
72 24.0 20.2 30.2





#31
2,2-Dichloropropane
Concen: 104.853 ug/l m
RT: 4.489 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

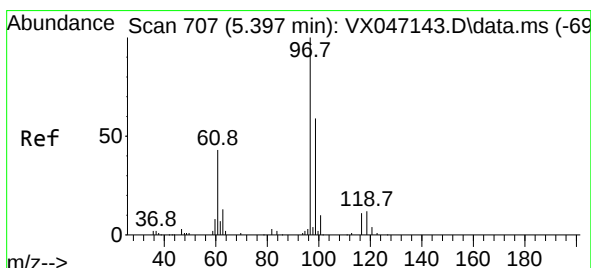
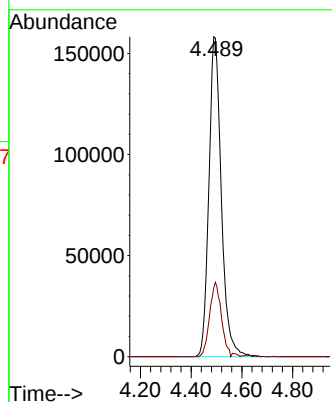
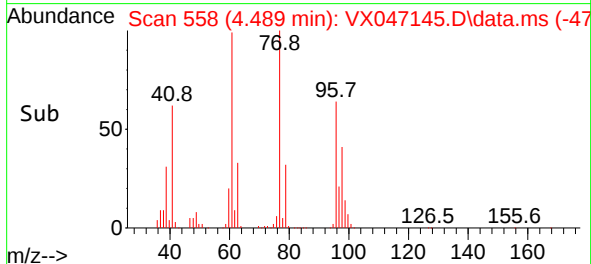
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 77 Resp: 537100
Ion Ratio Lower Upper
77 100
97 0.0 14.5 21.7

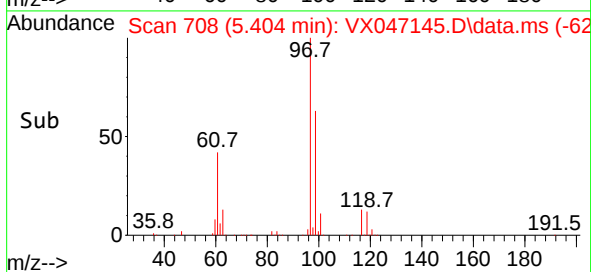
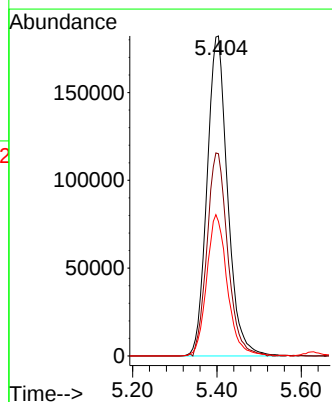
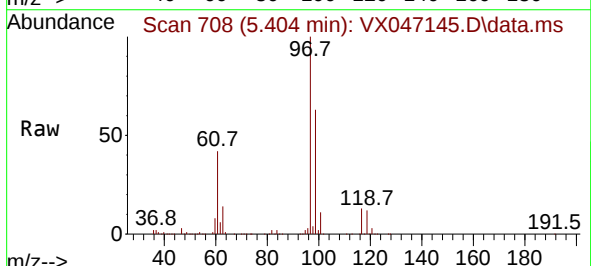
Manual Integrations
APPROVED

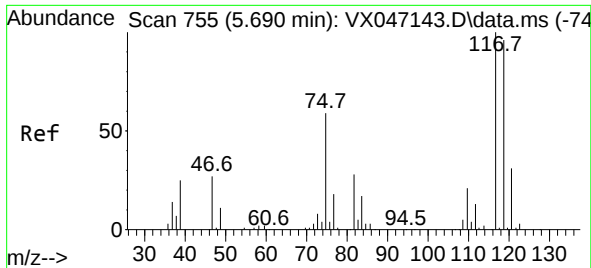
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#32
1,1,1-Trichloroethane
Concen: 104.664 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

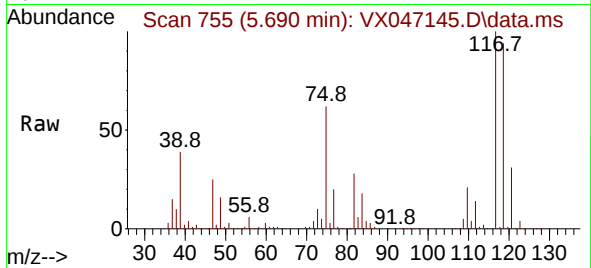
Tgt Ion: 97 Resp: 618331
Ion Ratio Lower Upper
97 100
99 63.9 30.0 45.0#
61 44.3 36.1 54.1





#33
Carbon Tetrachloride
Concen: 115.920 ug/l m
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

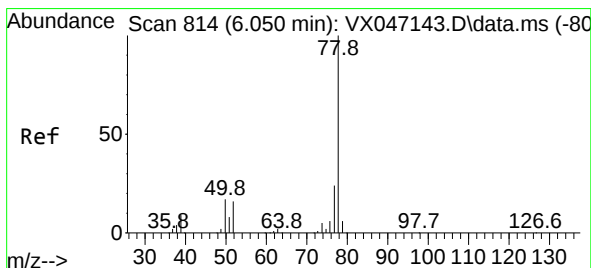
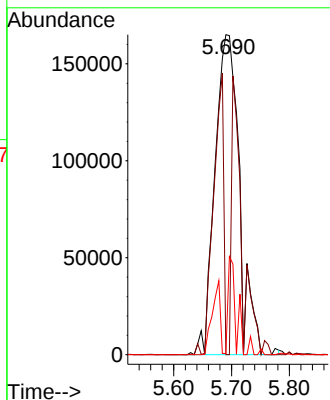
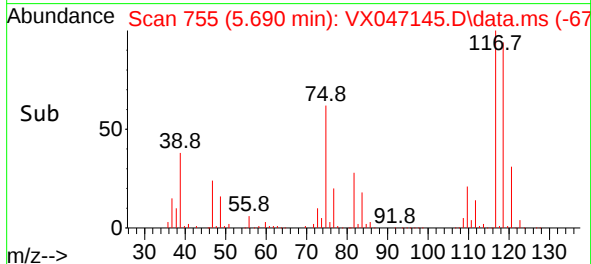
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 48456
Ion Ratio Lower Upper
117 100
119 1.2 76.5 114.7
121 0.3 0.5 0.7

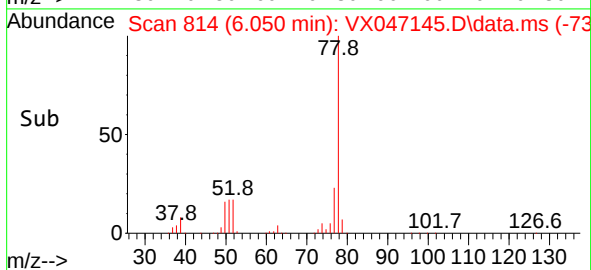
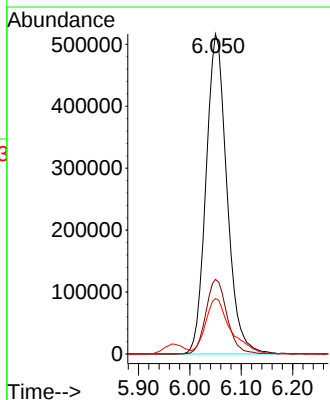
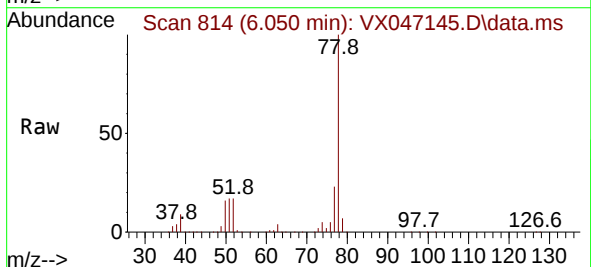
Manual Integrations
APPROVED

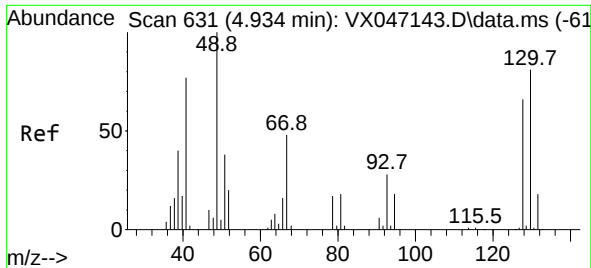
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#34
Benzene
Concen: 103.520 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

Tgt Ion: 78 Resp: 1458054
Ion Ratio Lower Upper
78 100
77 21.9 17.6 26.4
51 16.1 13.8 20.6





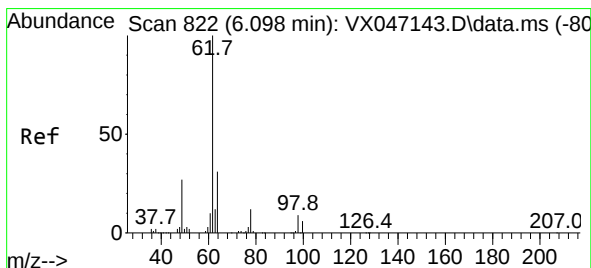
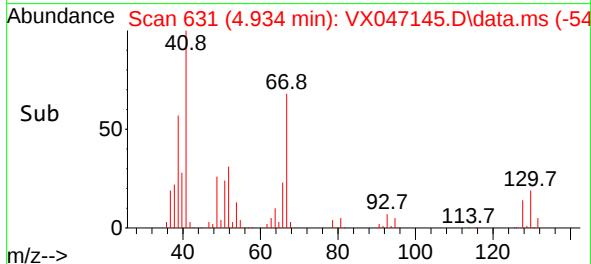
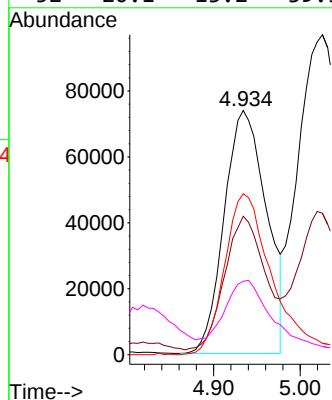
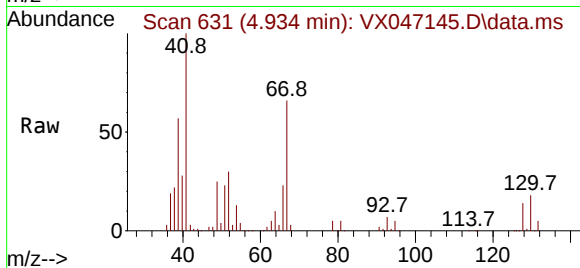
#35
Methacrylonitrile
Concen: 102.855 ug/l
RT: 4.934 min Scan# 631
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41	Resp: 25055
Ion Ratio	Lower Upper
41 100	
39 54.4	26.2 78.5
67 66.2	31.4 94.3
52 20.1	13.2 39.5

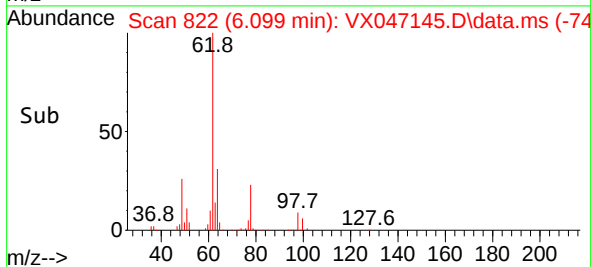
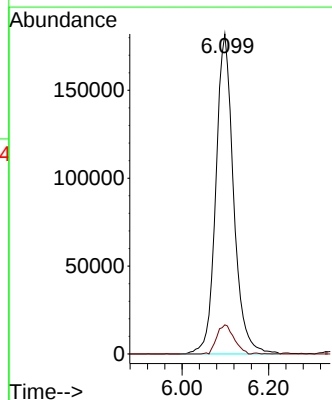
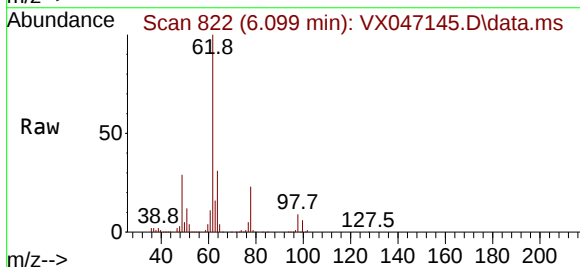
Manual Integrations
APPROVED

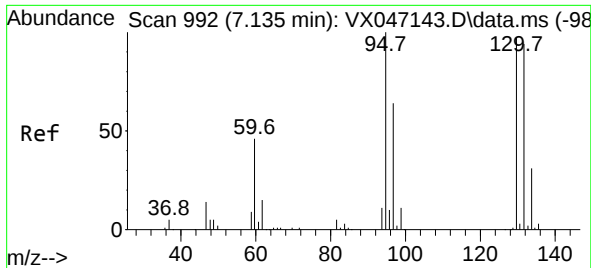
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#36
1,2-Dichloroethane
Concen: 102.347 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

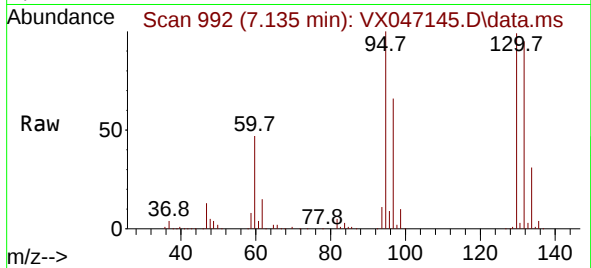
Tgt Ion: 62	Resp: 517682
Ion Ratio	Lower Upper
62 100	
98 8.8	6.7 10.1





#37
Trichloroethene
Concen: 104.739 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

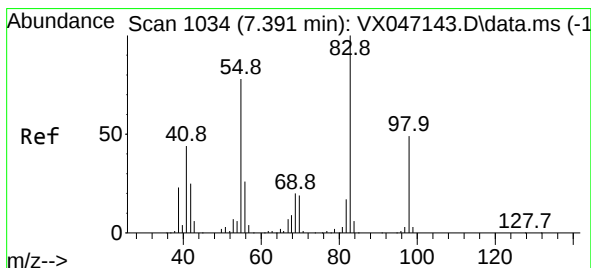
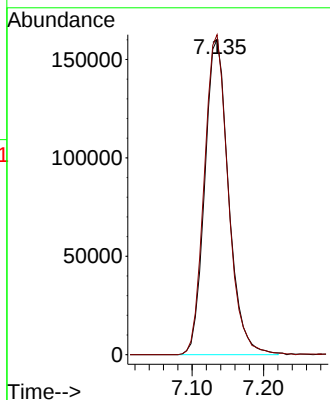
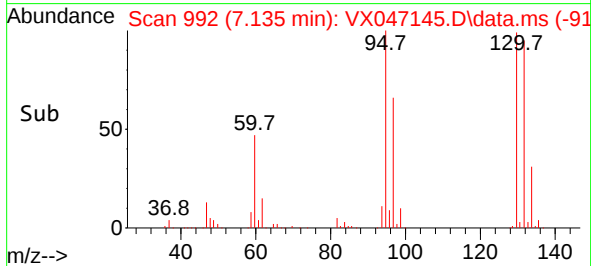
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



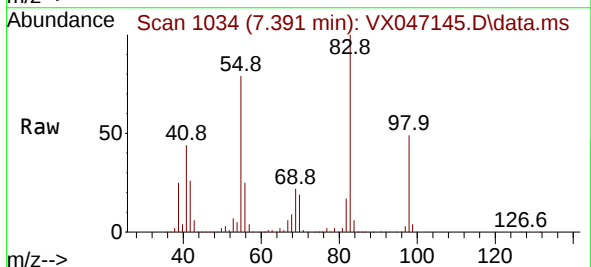
Tgt Ion:130 Resp: 37125
Ion Ratio Lower Upper
130 100
95 98.8 79.4 119.2

Manual Integrations
APPROVED

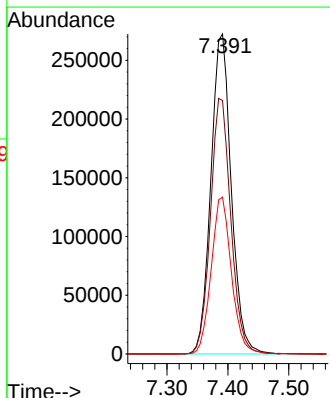
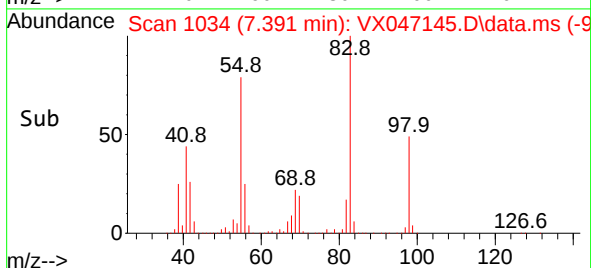
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

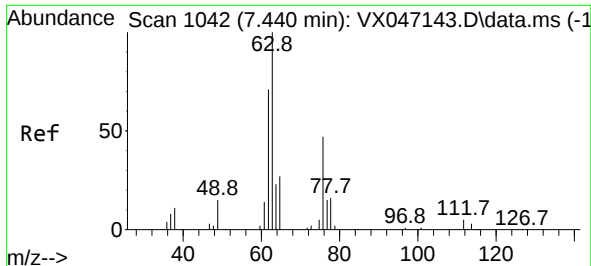


#38
Methylcyclohexane
Concen: 103.125 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23



Tgt Ion: 83 Resp: 634281
Ion Ratio Lower Upper
83 100
55 79.8 40.3 120.8
98 48.6 24.3 72.9





#39

1,2-Dichloropropane

Concen: 102.372 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX047145.D

Acq: 25 Jul 2025 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 369662

Ion Ratio Lower Upper

63 100

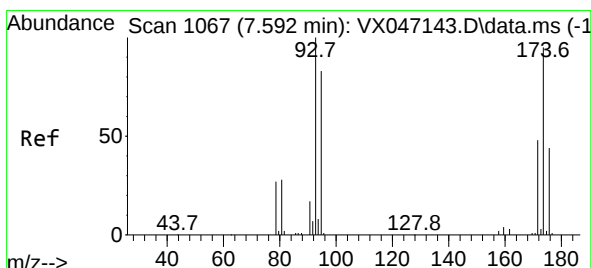
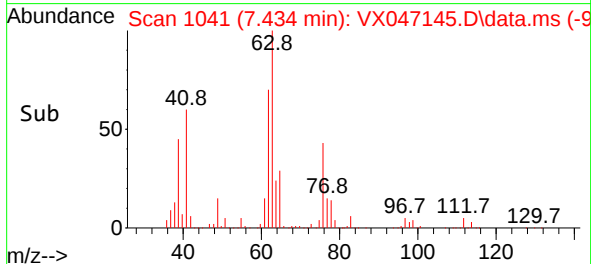
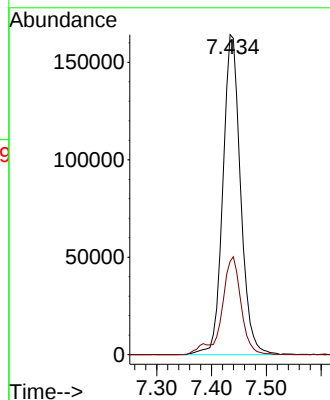
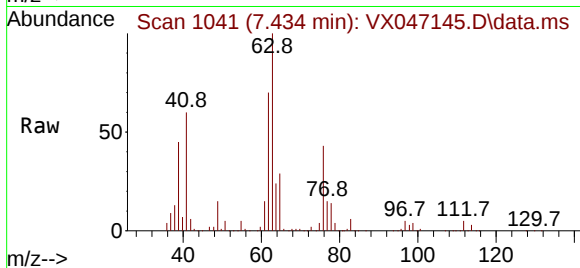
65 24.1 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#40

Dibromomethane

Concen: 104.712 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VX047145.D

Acq: 25 Jul 2025 16:23

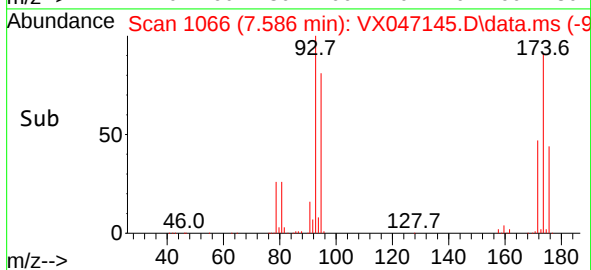
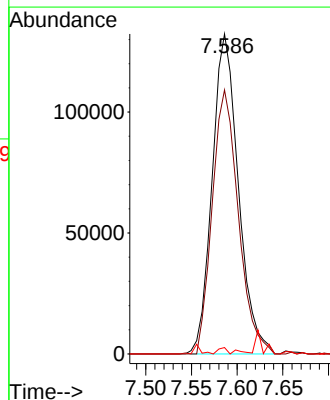
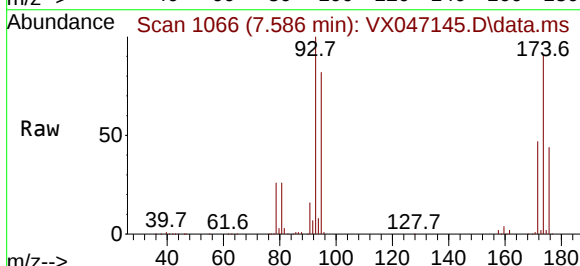
Tgt Ion: 93 Resp: 263751

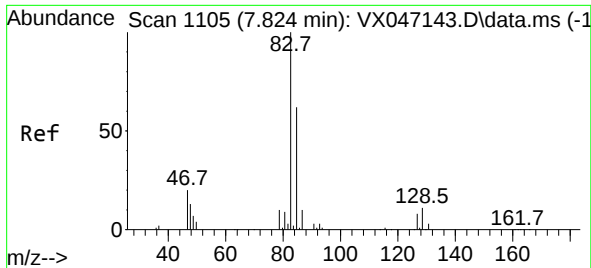
Ion Ratio Lower Upper

93 100

95 82.0 0.0 166.2

174 0.7 0.0 26.4





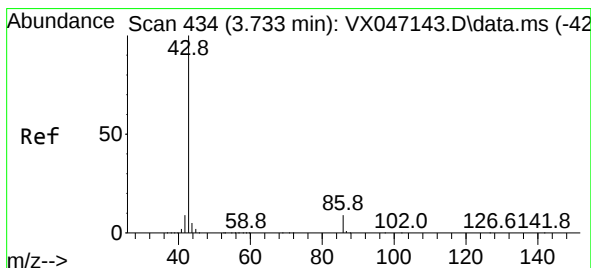
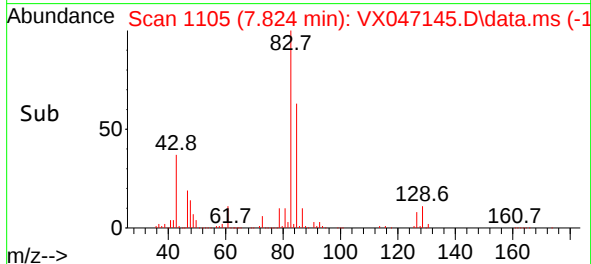
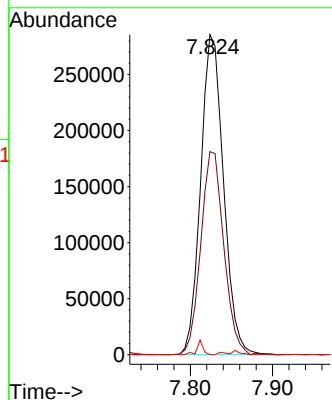
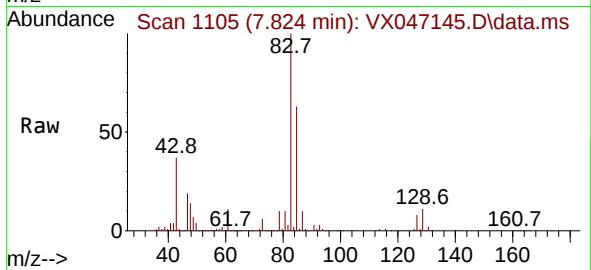
#41
Bromodichloromethane
Concen: 104.661 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 551662
Ion Ratio Lower Upper
83 100
85 62.9 47.2 70.8
127 0.9 7.1 10.7

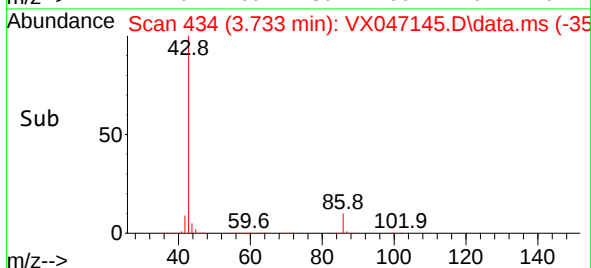
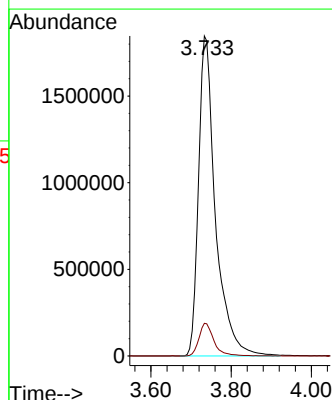
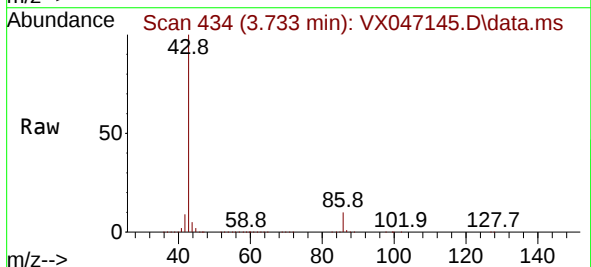
Manual Integrations
APPROVED

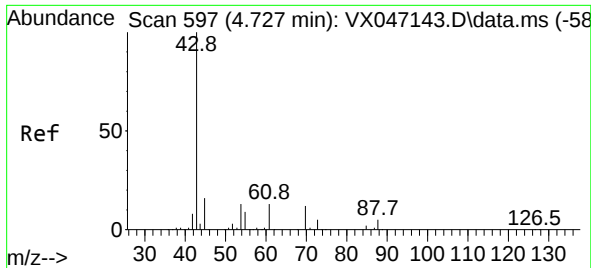
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#42
Vinyl Acetate
Concen: 523.416 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

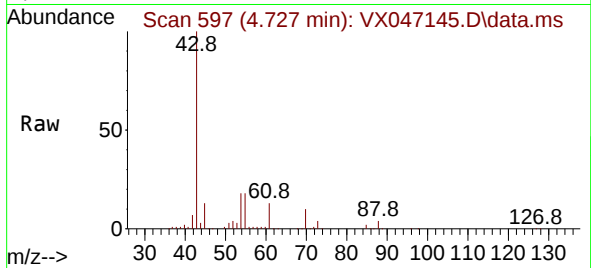
Tgt Ion: 43 Resp: 5422155
Ion Ratio Lower Upper
43 100
86 9.0 6.9 10.3





#43
Ethyl Acetate
Concen: 101.117 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

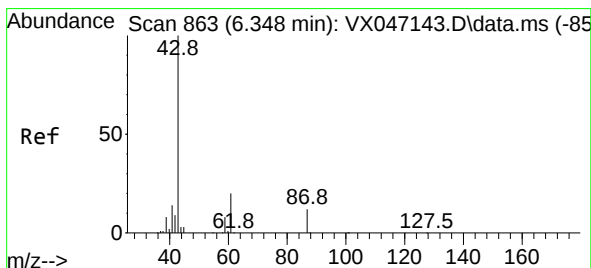
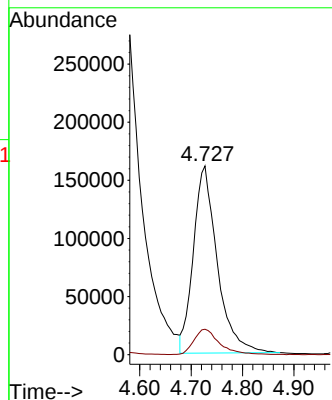
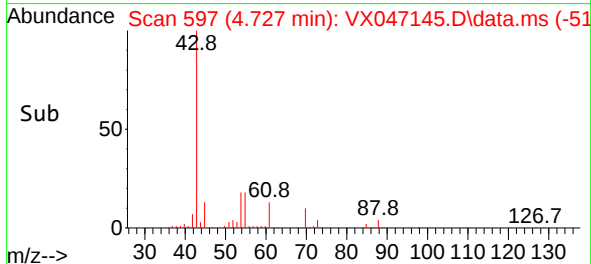
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



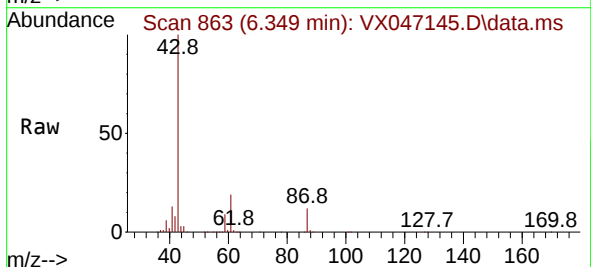
Tgt Ion: 43 Resp: 519558
Ion Ratio Lower Upper
43 100
45 14.4 10.6 16.0

Manual Integrations
APPROVED

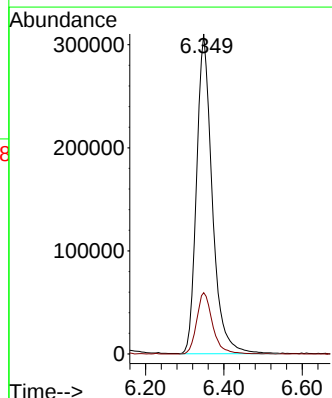
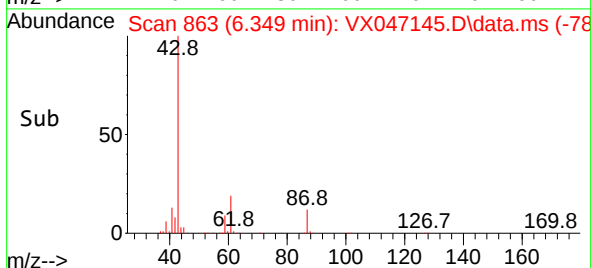
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

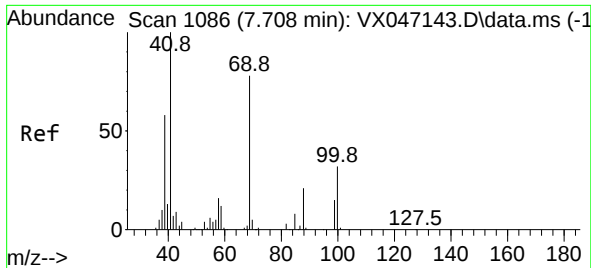


#44
Isopropyl Acetate
Concen: 106.696 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23



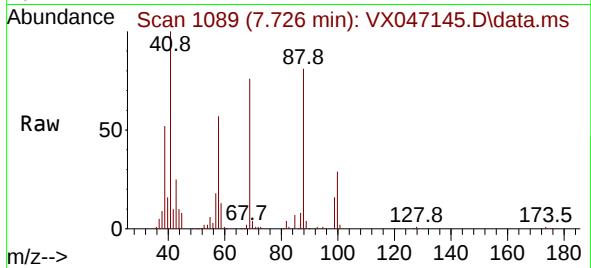
Tgt Ion: 43 Resp: 862579
Ion Ratio Lower Upper
43 100
61 19.3 14.7 22.1





#45
1,4-Dioxane
Concen: 1986.763 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.018 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

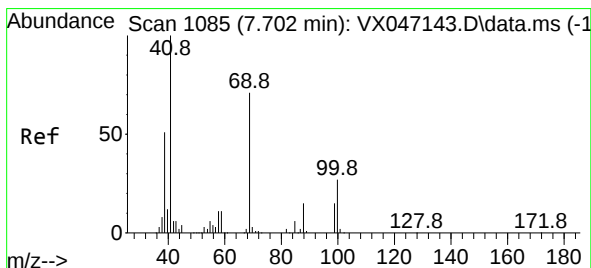
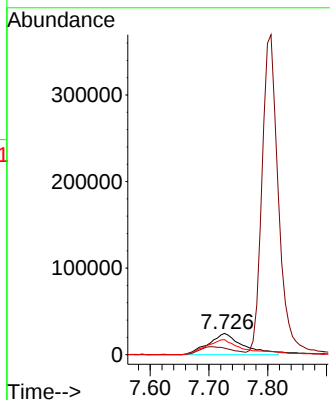
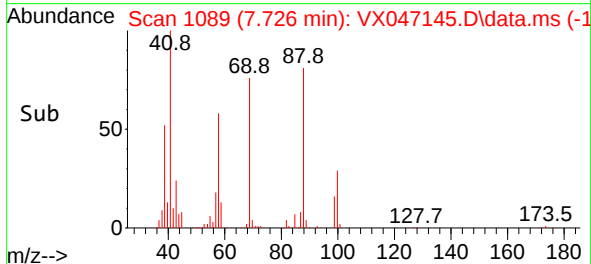
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 100383
Ion Ratio Lower Upper
88 100
43 34.5 30.2 45.2
58 66.8 33.3 49.9

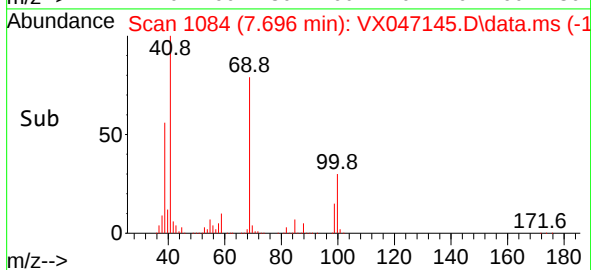
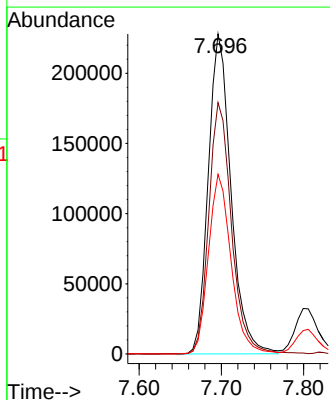
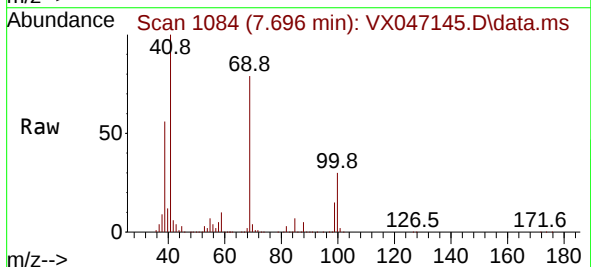
Manual Integrations
APPROVED

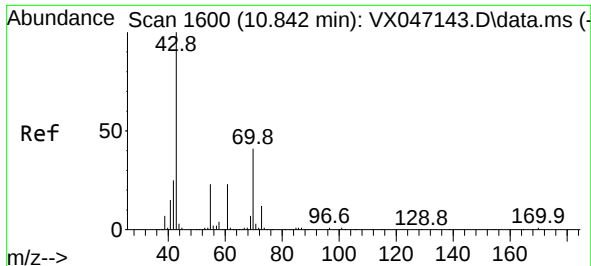
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#46
Methyl methacrylate
Concen: 105.698 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

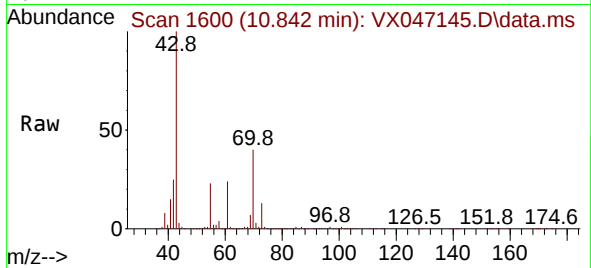
Tgt Ion: 41 Resp: 438490
Ion Ratio Lower Upper
41 100
69 78.6 35.8 107.3
39 55.8 24.4 73.4





#47
n-amy1 Acetate
Concen: 103.241 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

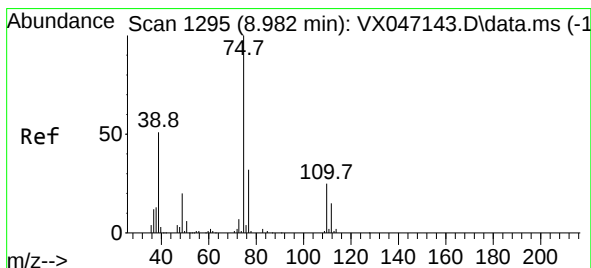
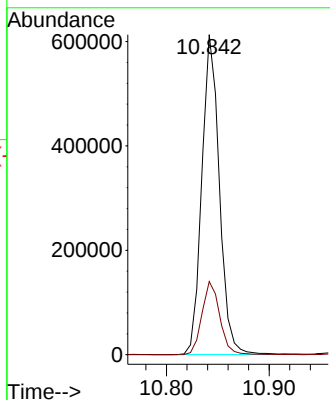
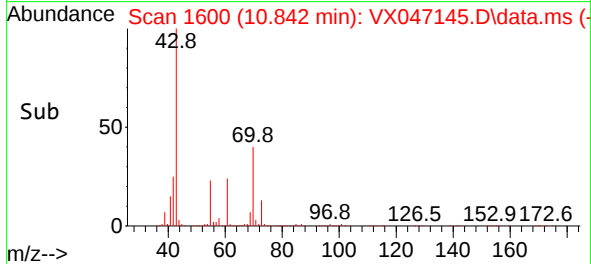
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 72979
Ion Ratio Lower Upper
43 100
55 23.3 18.4 27.6

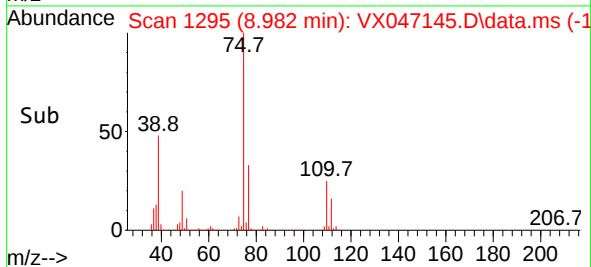
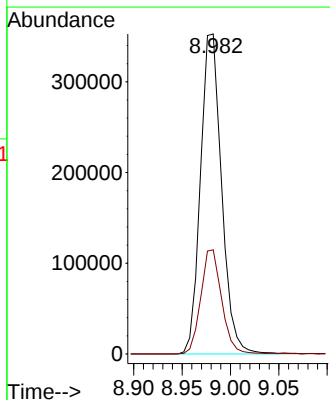
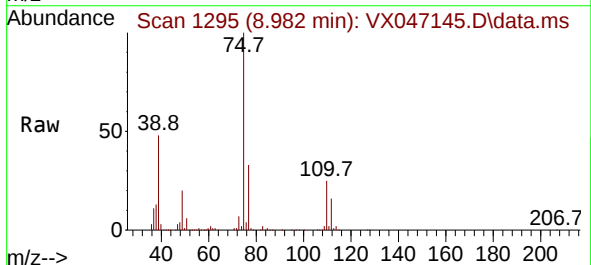
Manual Integrations
APPROVED

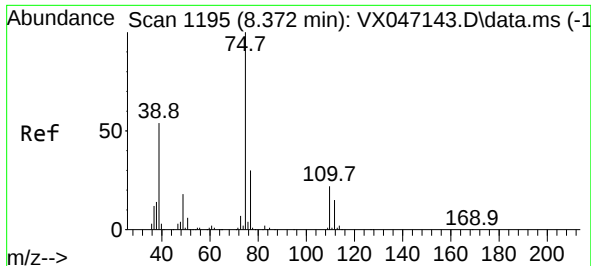
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#48
t-1,3-Dichloropropene
Concen: 105.593 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

Tgt Ion: 75 Resp: 537939
Ion Ratio Lower Upper
75 100
77 32.5 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 104.457 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX047145.D

Acq: 25 Jul 2025 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 58210

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

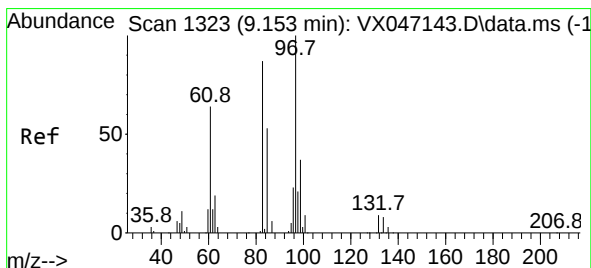
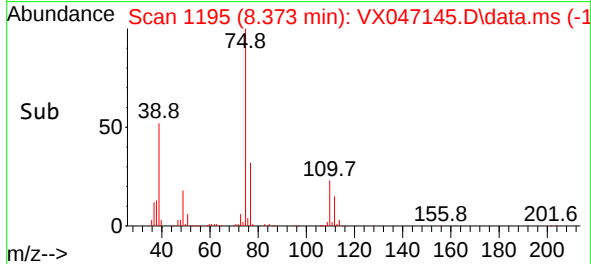
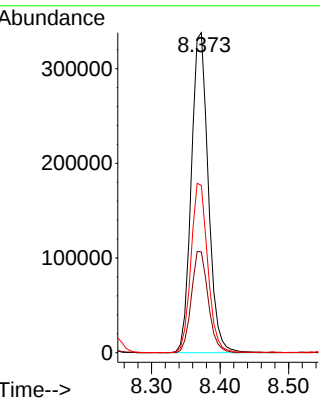
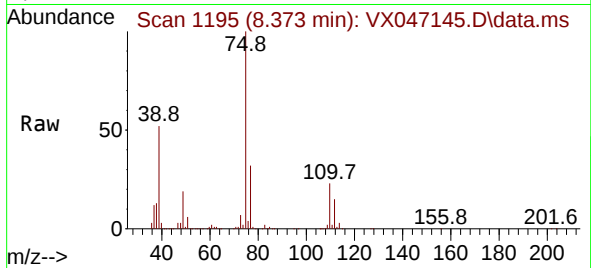
39 52.3 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#50

1,1,2-Trichloroethane

Concen: 101.851 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX047145.D

Acq: 25 Jul 2025 16:23

Tgt Ion: 97 Resp: 341173

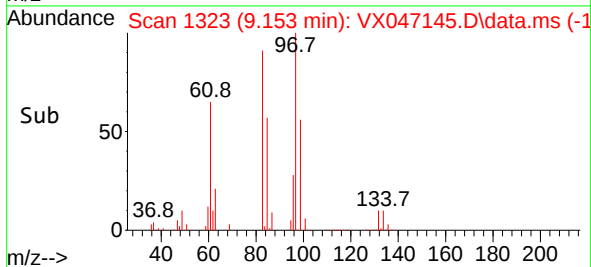
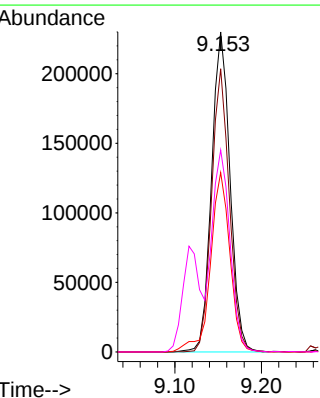
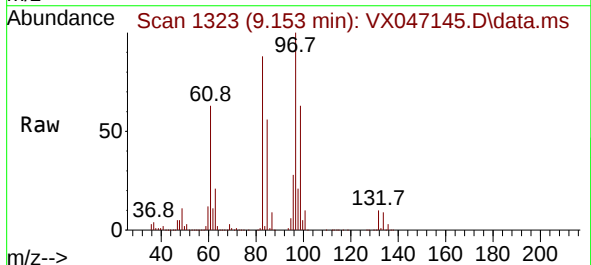
Ion Ratio Lower Upper

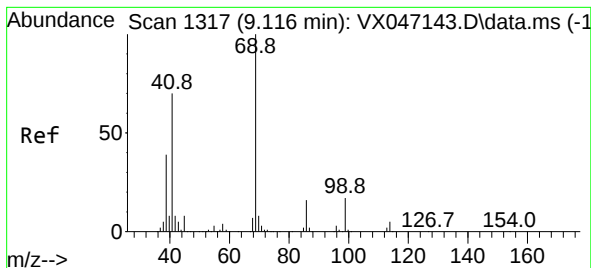
97 100

83 73.4 58.3 87.5

85 46.5 36.5 54.7

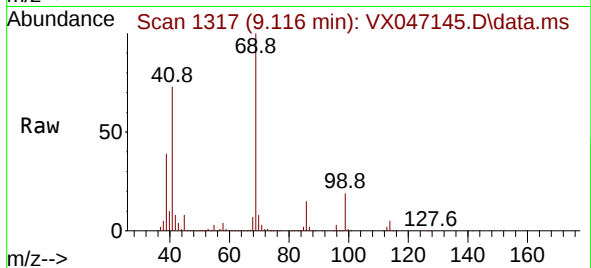
99 52.3 41.4 62.0





#51
Ethyl methacrylate
Concen: 105.707 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

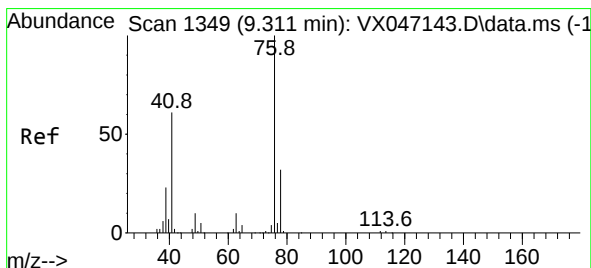
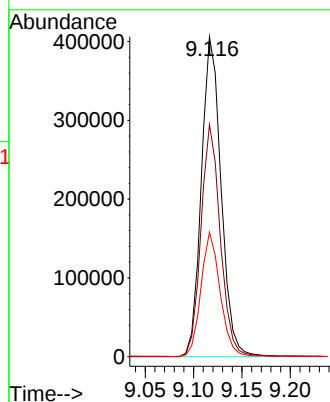
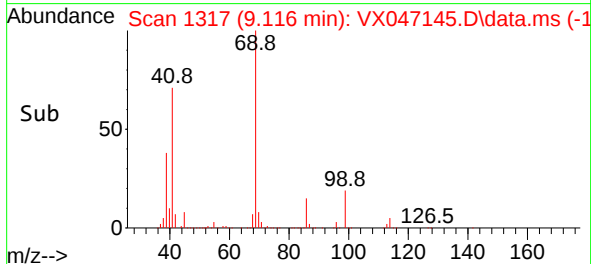
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



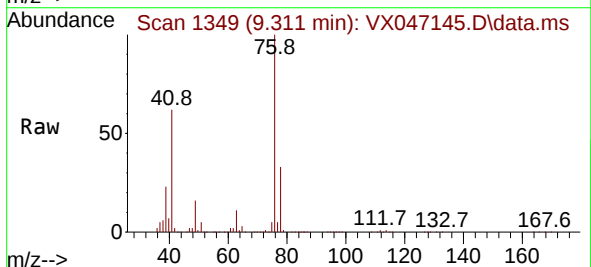
Tgt Ion: 69 Resp: 577278
Ion Ratio Lower Upper
69 100
41 72.4 35.0 105.1
39 38.8 19.5 58.5

Manual Integrations
APPROVED

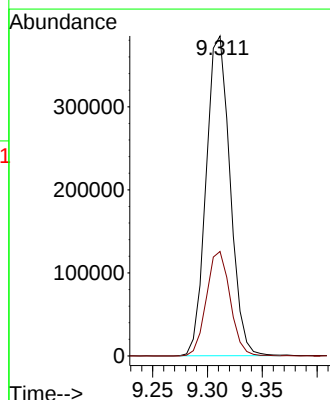
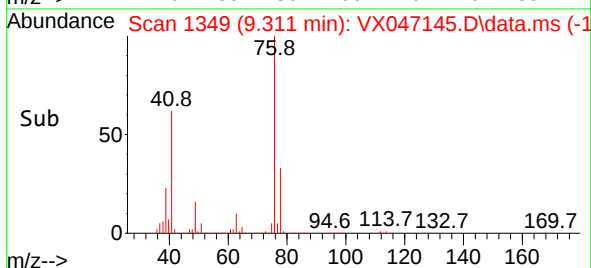
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

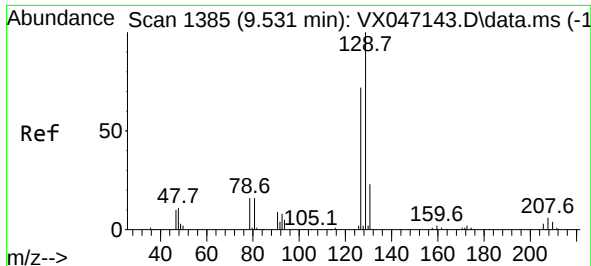


#52
1,3-Dichloropropane
Concen: 100.681 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23



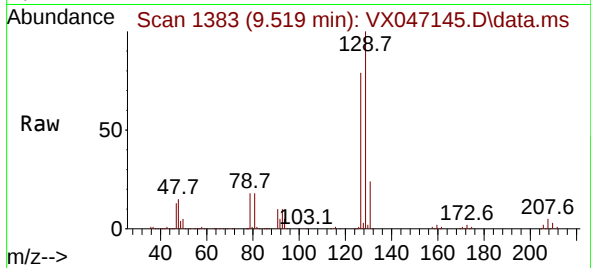
Tgt Ion: 76 Resp: 585087
Ion Ratio Lower Upper
76 100
78 32.5 0.0 63.6





#53
Dibromochloromethane
Concen: 129.231 ug/l m
RT: 9.519 min Scan# 1383
Delta R.T. -0.012 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

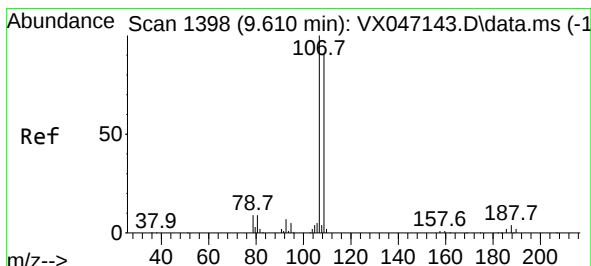
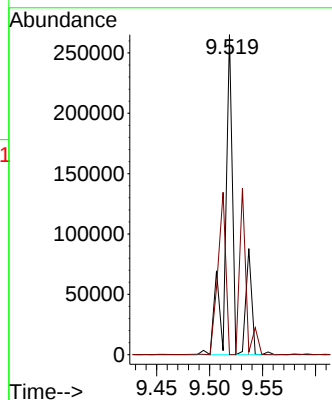
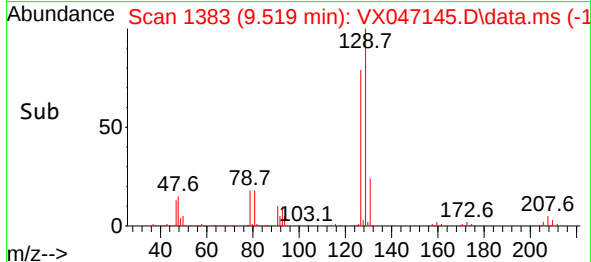
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:129 Resp: 15898
Ion Ratio Lower Upper
129 100
127 32.2 125.0 374.9

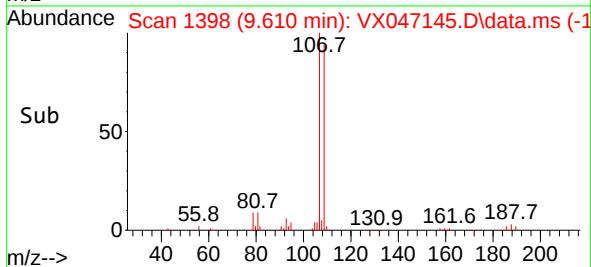
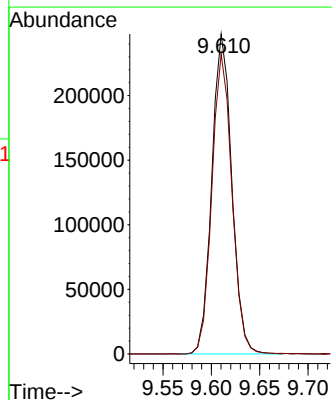
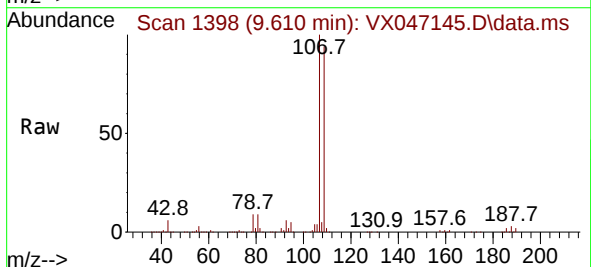
Manual Integrations
APPROVED

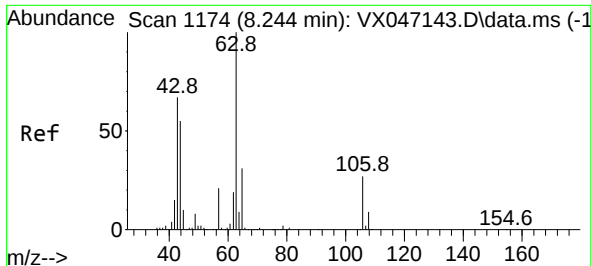
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#54
1,2-Dibromoethane
Concen: 101.587 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

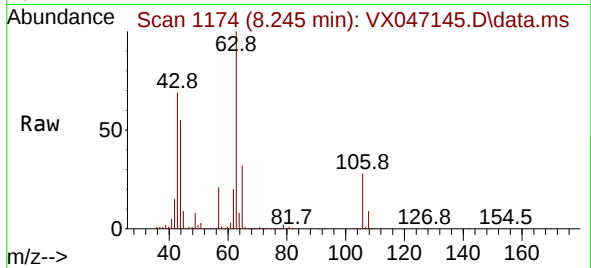
Tgt Ion:107 Resp: 356246
Ion Ratio Lower Upper
107 100
109 93.7 74.0 111.0





#55
2-Chloroethyl vinyl ether
Concen: 523.604 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

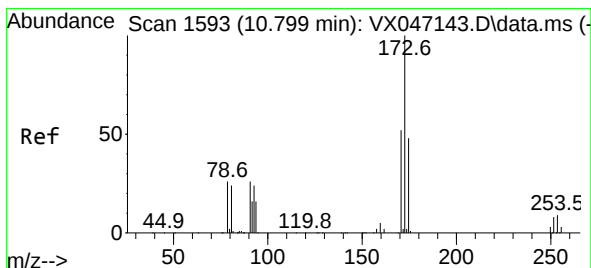
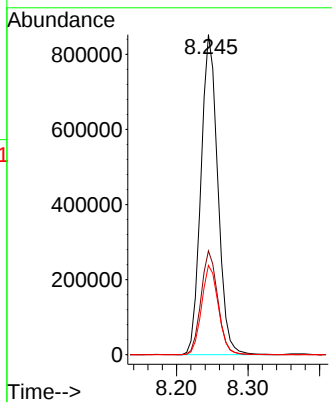
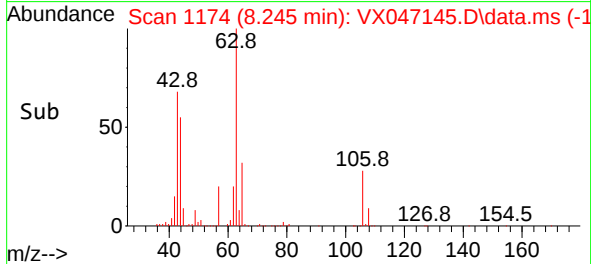
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 139436
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.6
106 27.8 22.1 33.1

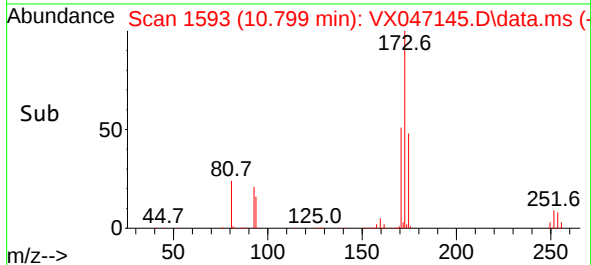
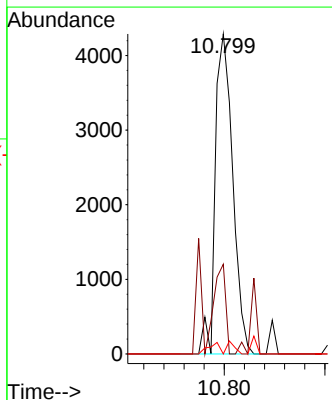
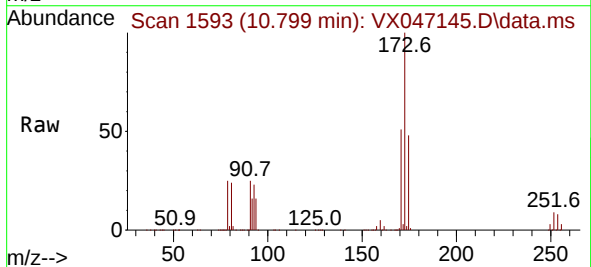
Manual Integrations
APPROVED

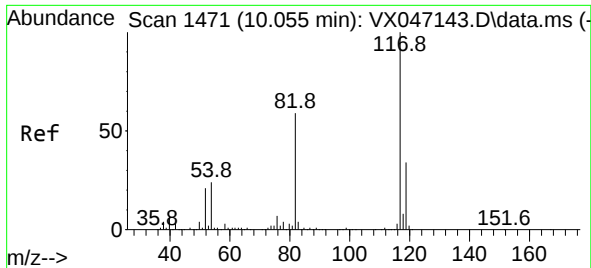
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#56
Bromoform
Concen: 106.565 ug/l m
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

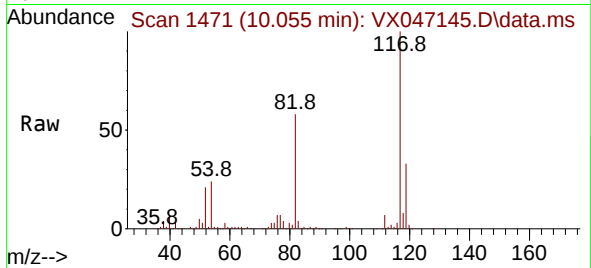
Tgt Ion:173 Resp: 5312
Ion Ratio Lower Upper
173 100
175 18.5 2.6 3.8#
254 2.3 2.2 3.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

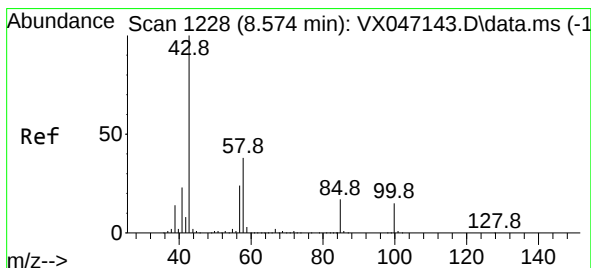
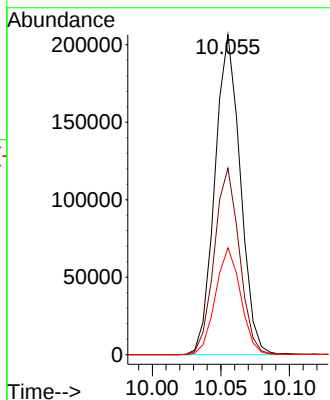
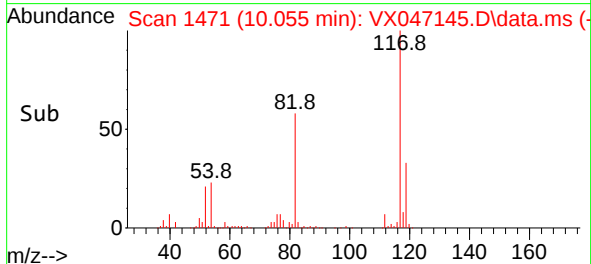
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 117 Resp: 266902
Ion Ratio Lower Upper
117 100
82 57.6 46.0 69.0
119 33.2 25.8 38.8

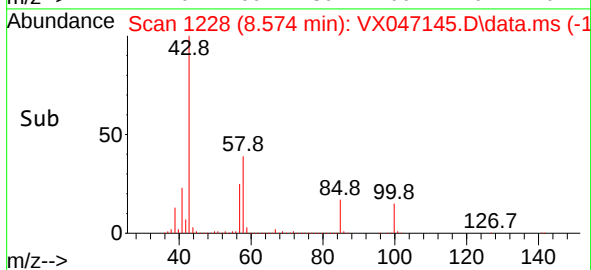
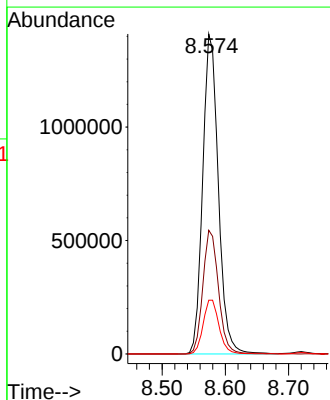
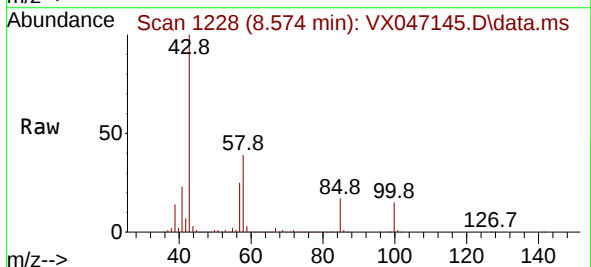
Manual Integrations
APPROVED

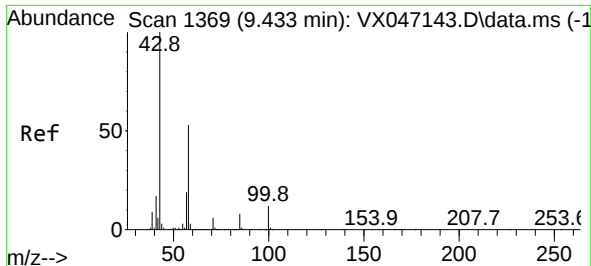
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#58
4-Methyl-2-Pentanone
Concen: 521.576 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

Tgt Ion: 43 Resp: 2428937
Ion Ratio Lower Upper
43 100
58 38.5 30.6 45.8
85 17.1 13.4 20.2





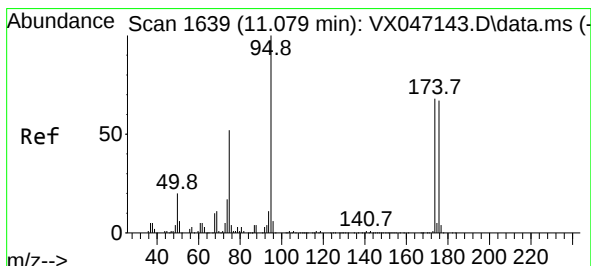
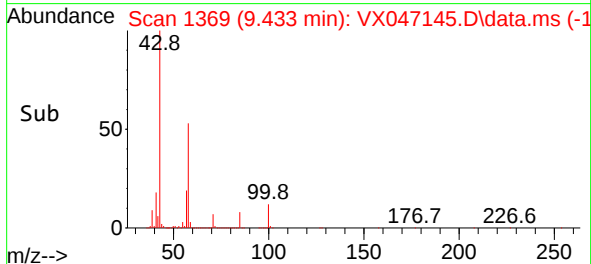
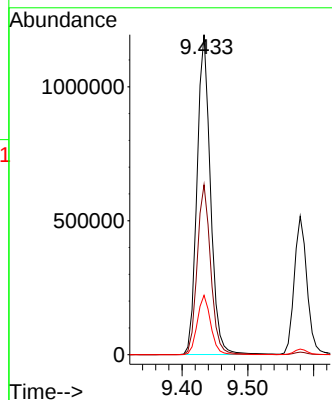
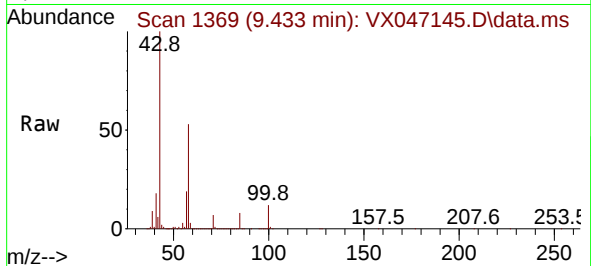
#59
2-Hexanone
Concen: 514.535 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 1695040
Ion Ratio Lower Upper
43 100
58 53.4 42.0 63.0
57 18.7 14.6 21.8

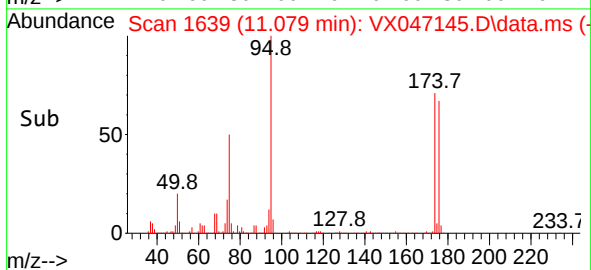
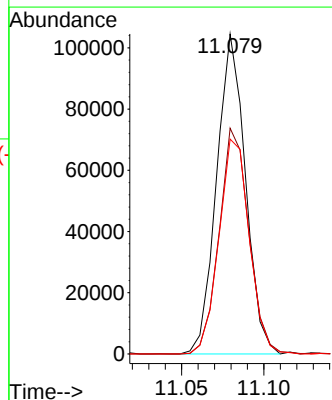
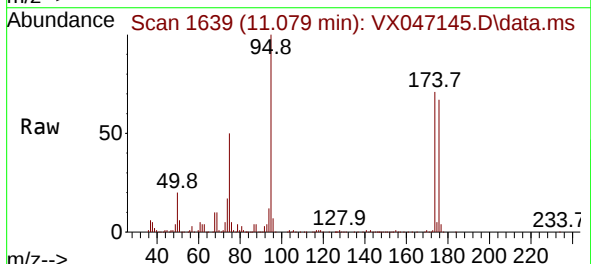
Manual Integrations
APPROVED

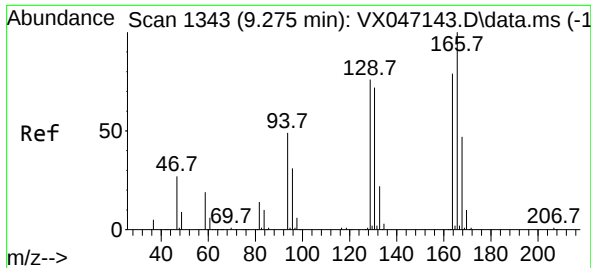
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#60
4-Bromofluorobenzene
Concen: 29.237 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

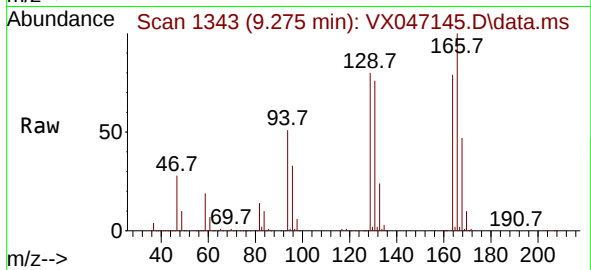
Tgt Ion: 95 Resp: 127151
Ion Ratio Lower Upper
95 100
174 72.7 57.5 86.3
176 71.0 56.4 84.6





#61
Tetrachloroethene
Concen: 101.313 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

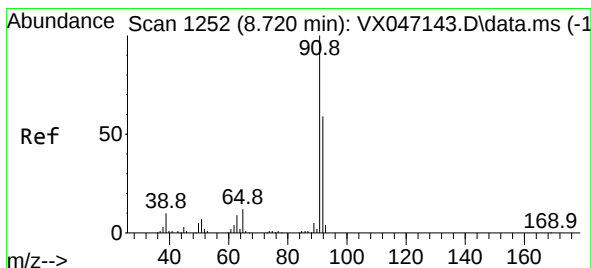
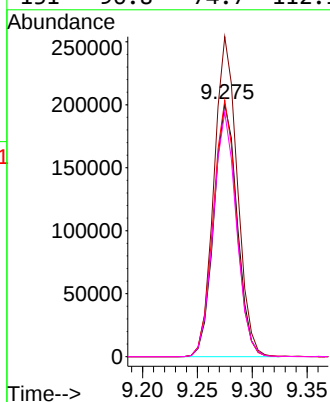
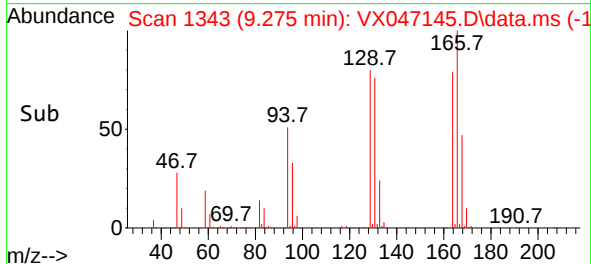
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:164 Resp: 296088
Ion Ratio Lower Upper
164 100
166 126.8 101.0 151.4
129 101.5 78.6 117.8
131 96.8 74.7 112.1

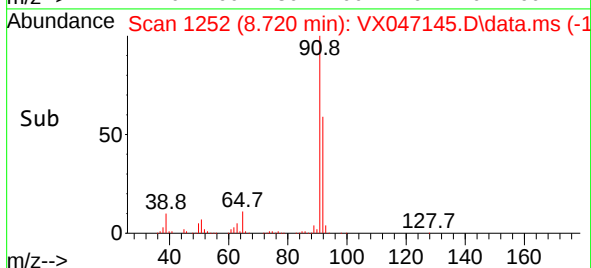
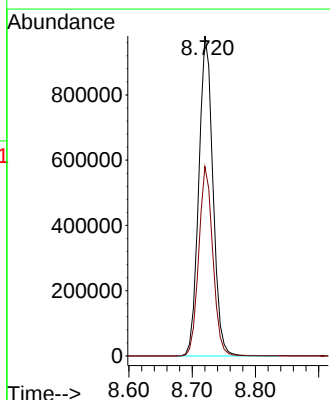
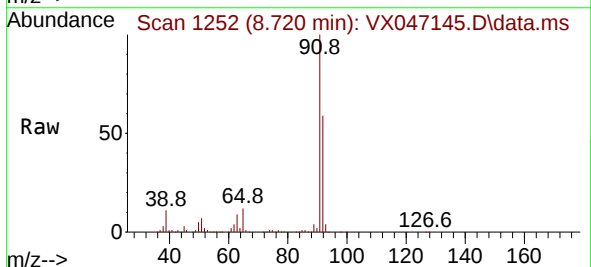
Manual Integrations
APPROVED

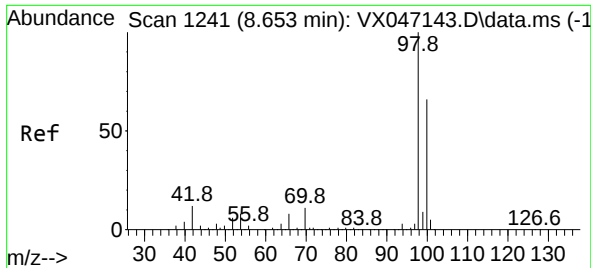
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#62
Toluene
Concen: 102.430 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

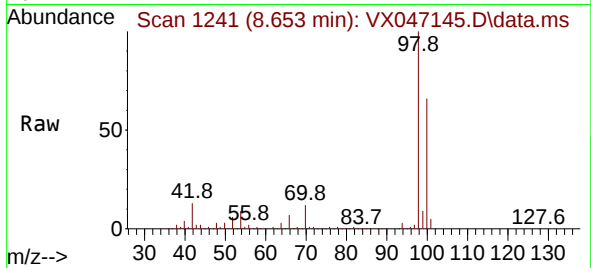
Tgt Ion: 91 Resp: 1528837
Ion Ratio Lower Upper
91 100
92 58.8 46.6 69.8





#63
Toluene-d8
Concen: 29.873 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

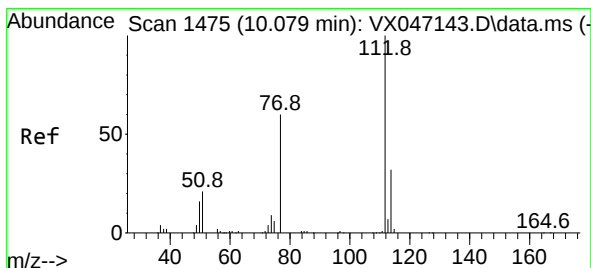
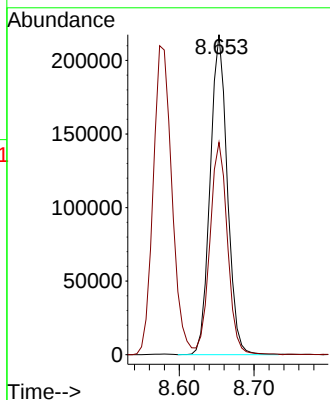
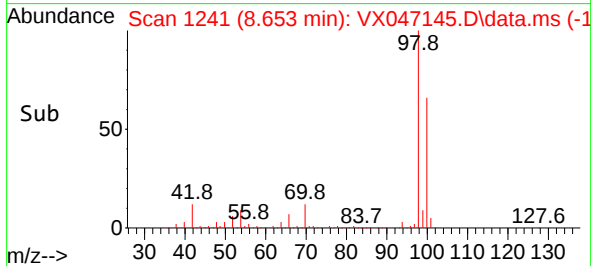
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



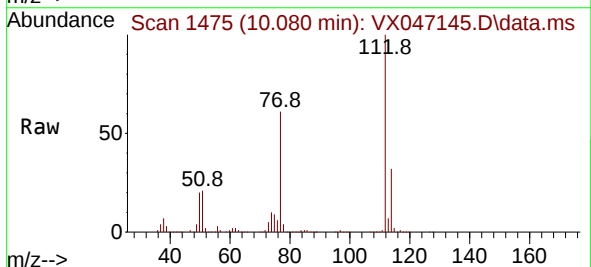
Tgt Ion: 98 Resp: 347270
Ion Ratio Lower Upper
98 100
100 67.3 52.9 79.3

Manual Integrations
APPROVED

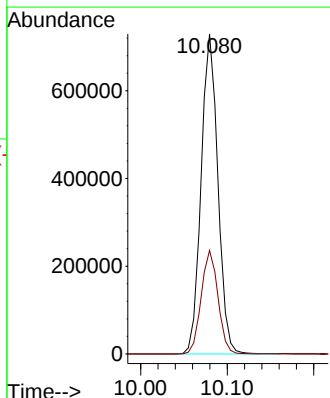
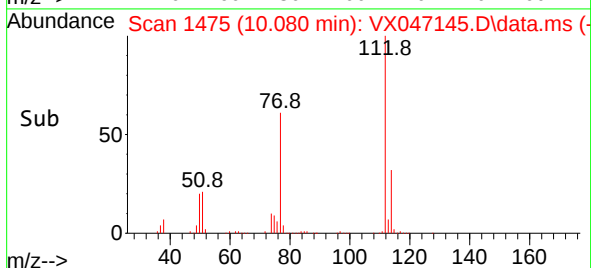
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

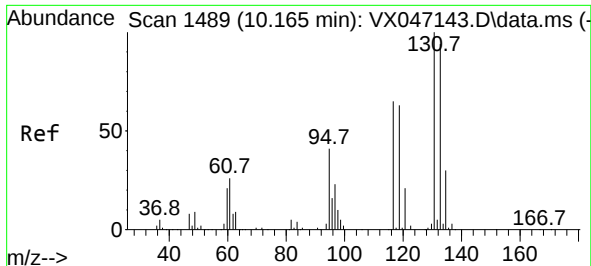


#64
Chlorobenzene
Concen: 102.200 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23



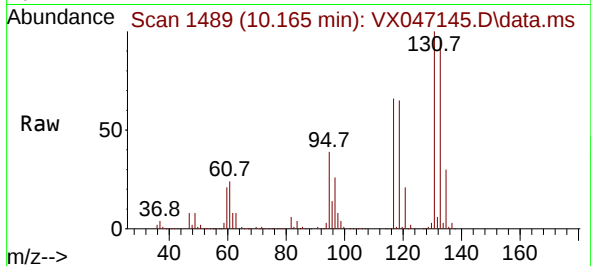
Tgt Ion:112 Resp: 978154
Ion Ratio Lower Upper
112 100
114 32.3 23.6 35.4





#65
1,1,1,2-Tetrachloroethane
Concen: 112.521 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

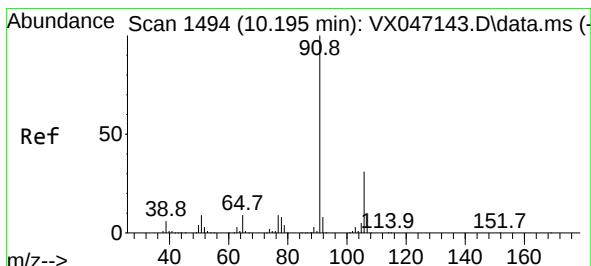
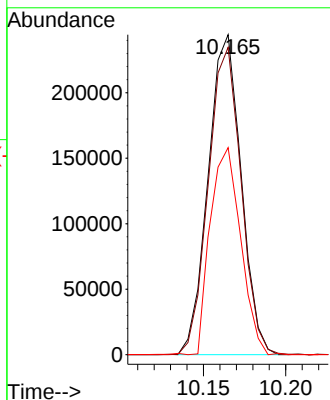
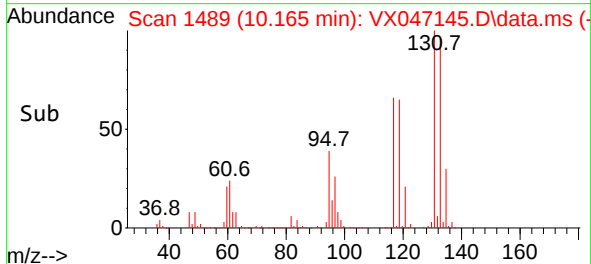
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:131 Resp: 34047
Ion Ratio Lower Upper
131 100
133 95.5 0.0 188.2
119 59.6 0.0 101.8

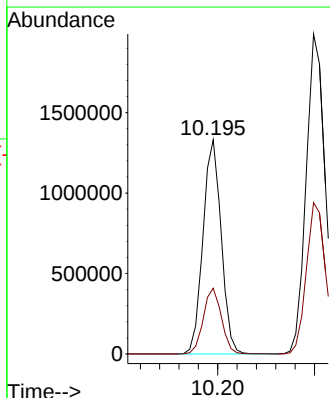
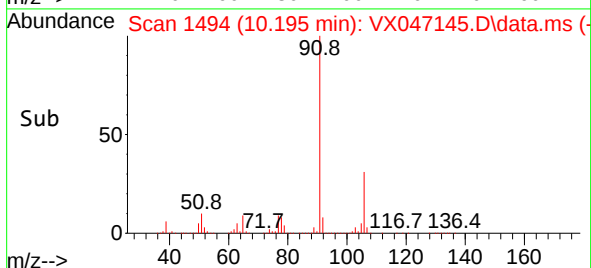
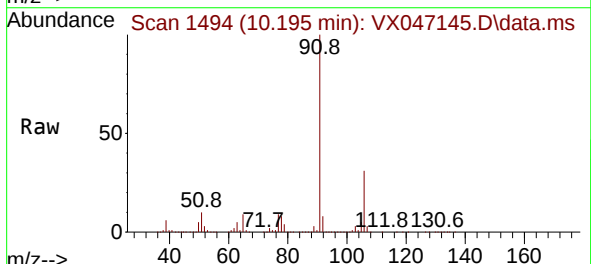
Manual Integrations
APPROVED

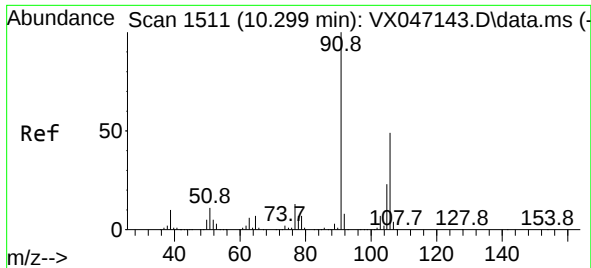
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#66
Ethyl Benzene
Concen: 102.246 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

Tgt Ion: 91 Resp: 1746131
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7





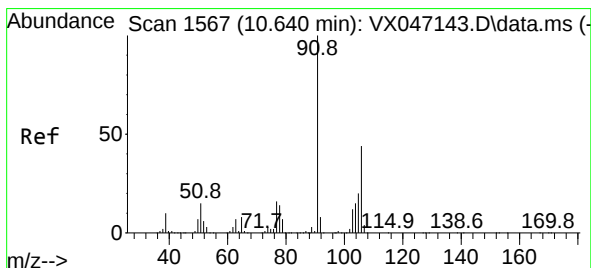
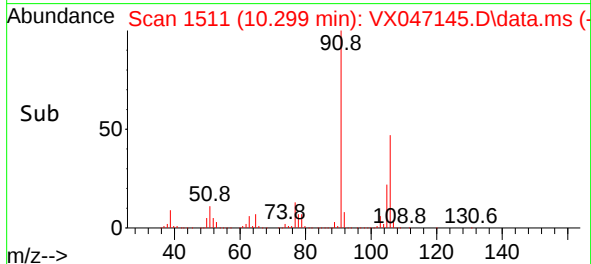
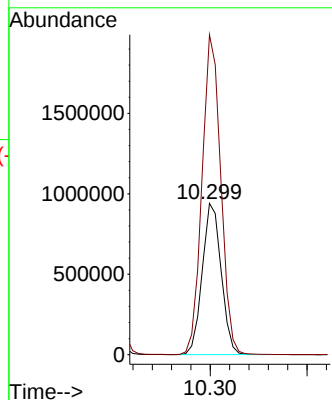
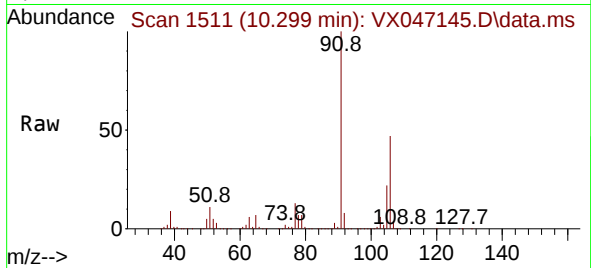
#67
m/p-Xylenes
Concen: 202.265 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 1280088
Ion Ratio Lower Upper
106 100
91 209.8 164.4 246.6

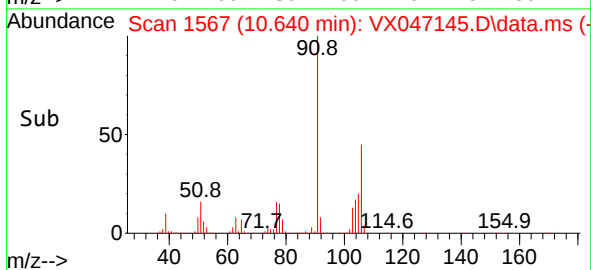
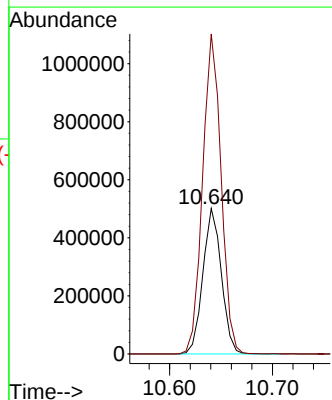
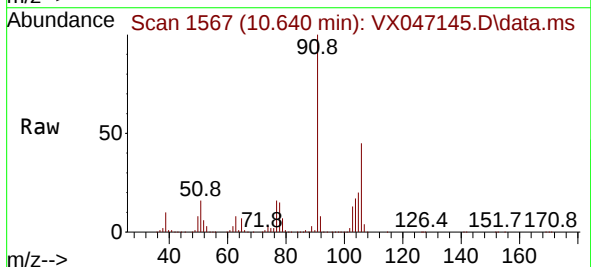
Manual Integrations
APPROVED

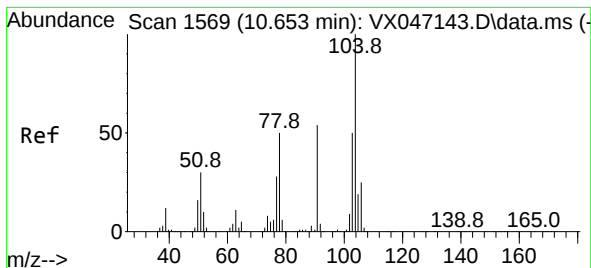
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#68
o-Xylene
Concen: 102.914 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

Tgt Ion:106 Resp: 628141
Ion Ratio Lower Upper
106 100
91 220.1 111.3 333.8





#69

Styrene

Concen: 103.027 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX047145.D

Acq: 25 Jul 2025 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:104 Resp: 1078502

Ion Ratio Lower Upper

104 100

78 53.0 42.6 63.8

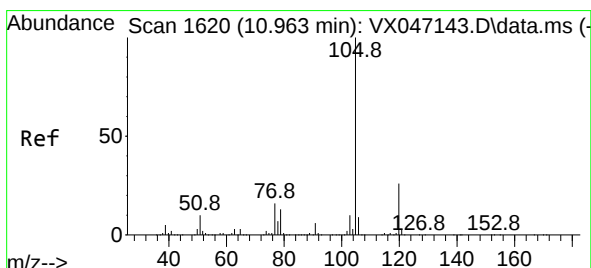
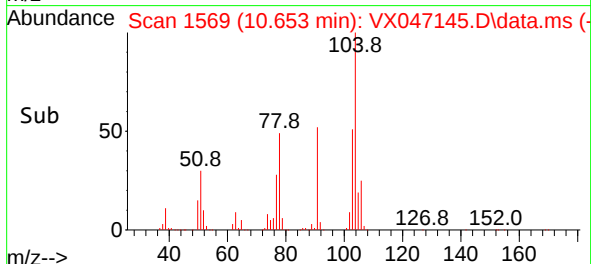
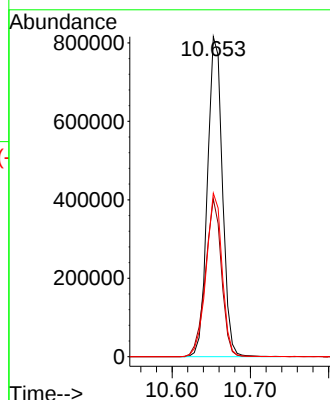
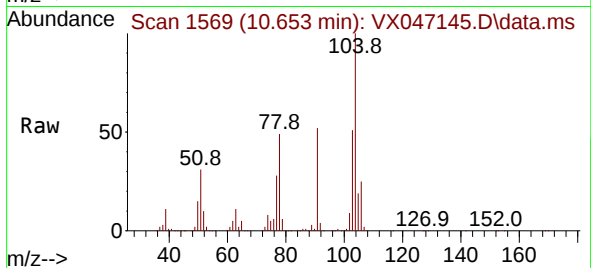
103 54.7 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#70

Isopropylbenzene

Concen: 100.612 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX047145.D

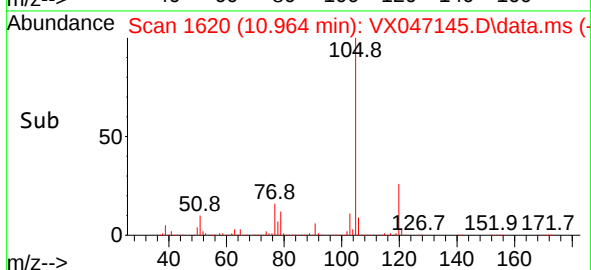
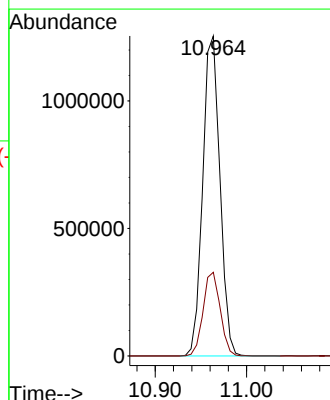
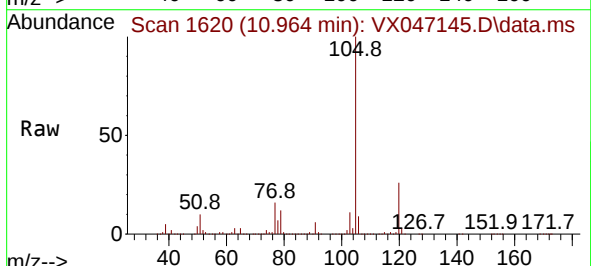
Acq: 25 Jul 2025 16:23

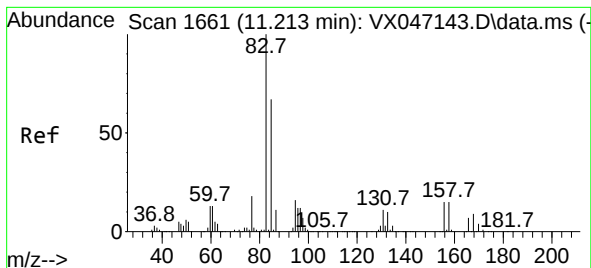
Tgt Ion:105 Resp: 1635688

Ion Ratio Lower Upper

105 100

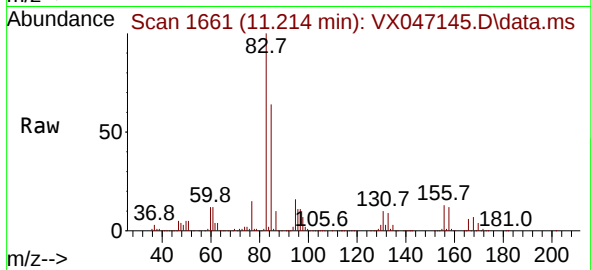
120 26.0 17.8 33.0





#71
1,1,2,2-Tetrachloroethane
Concen: 100.638 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

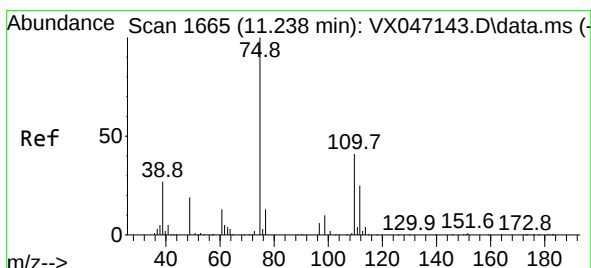
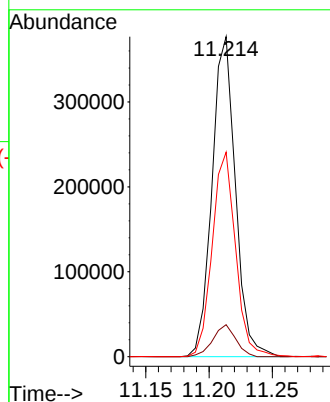
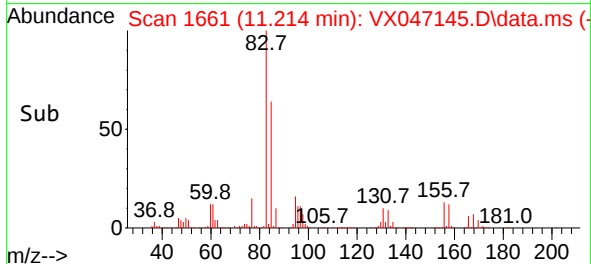
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



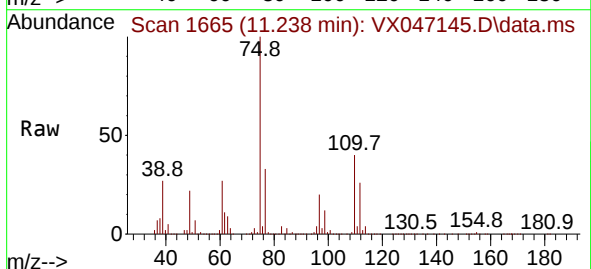
Tgt Ion: 83 Resp: 485382
Ion Ratio Lower Upper
83 100
131 9.8 6.0 18.0
85 63.7 32.3 96.9

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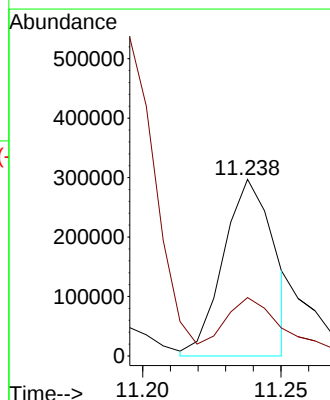
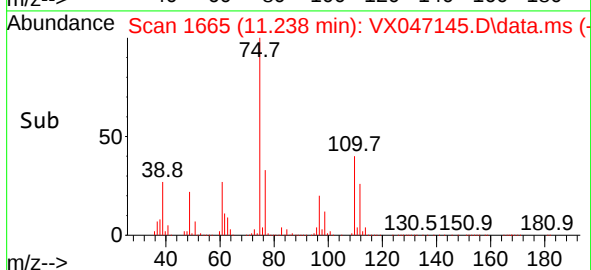
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

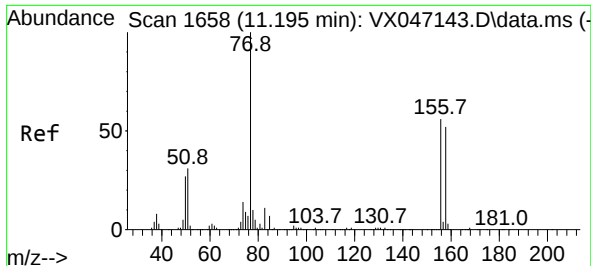


#72
1,2,3-Trichloropropane
Concen: 101.568 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23



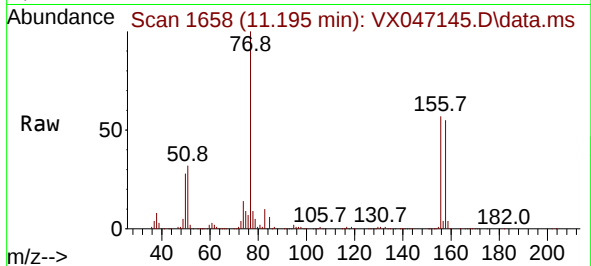
Tgt Ion: 75 Resp: 377303
Ion Ratio Lower Upper
75 100
77 39.8 0.0 74.2





#73
Bromobenzene
Concen: 100.818 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

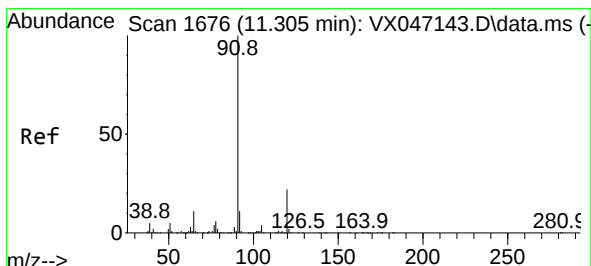
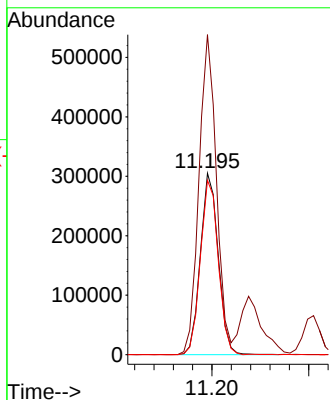
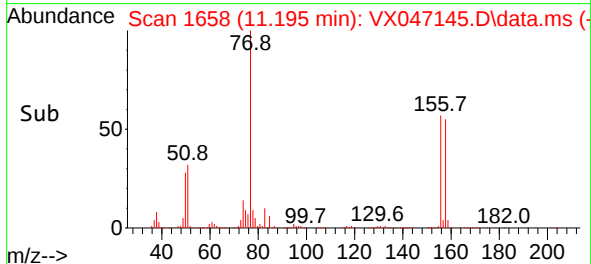
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



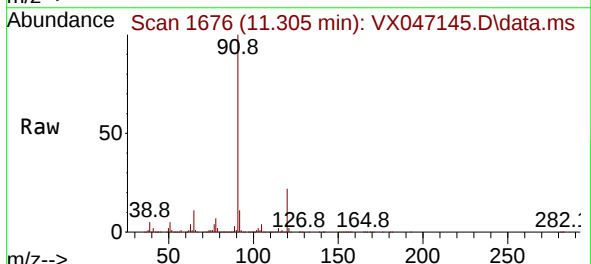
Tgt Ion:156 Resp: 392287
Ion Ratio Lower Upper
156 100
77 172.3 0.0 340.8
158 96.1 0.0 189.0

Manual Integrations
APPROVED

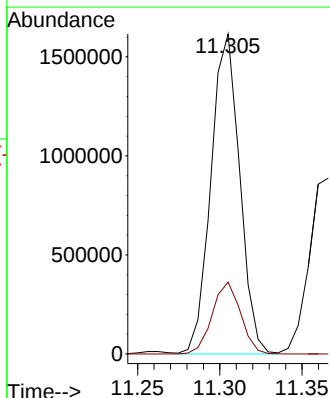
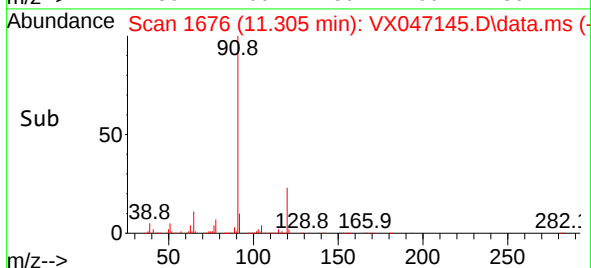
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

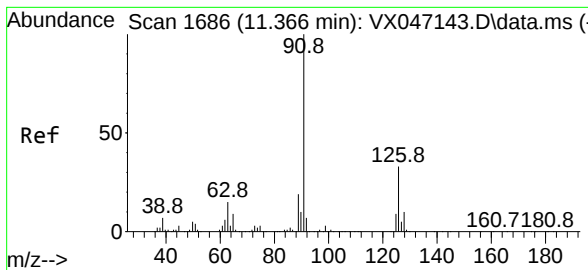


#74
n-propylbenzene
Concen: 100.673 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23



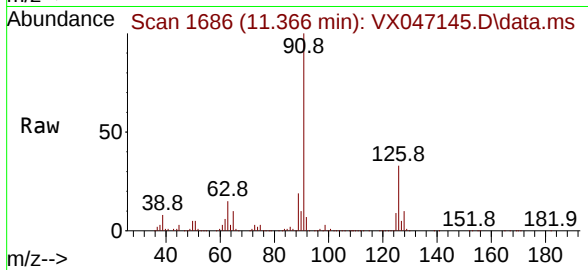
Tgt Ion: 91 Resp: 1964987
Ion Ratio Lower Upper
91 100
120 22.1 0.0 44.4





#75
2-Chlorotoluene
Concen: 99.173 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

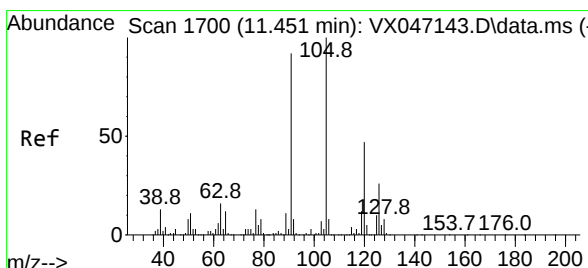
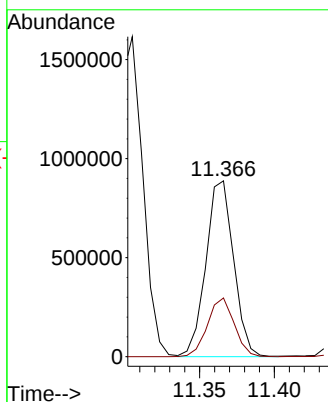
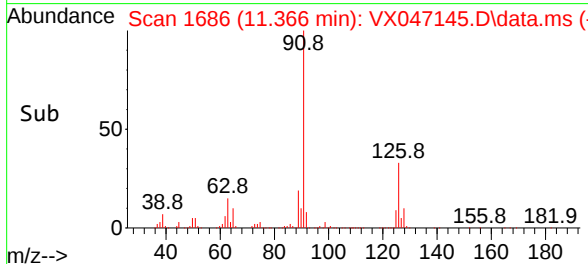
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



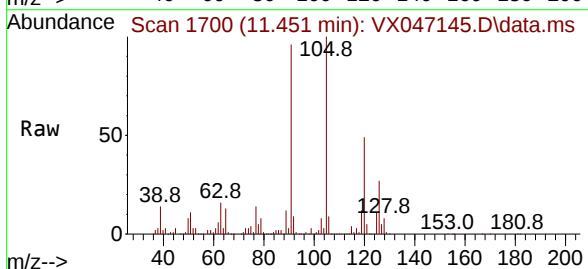
Tgt Ion: 91 Resp: 114551
Ion Ratio Lower Upper
91 100
126 32.2 0.0 63.6

Manual Integrations
APPROVED

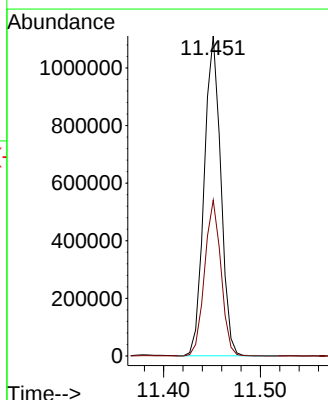
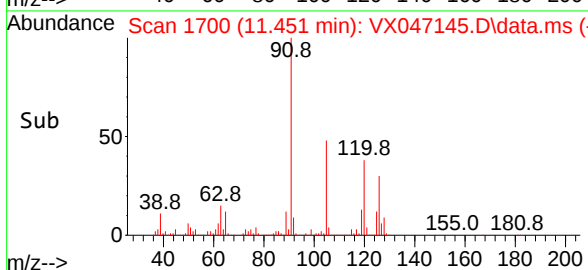
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

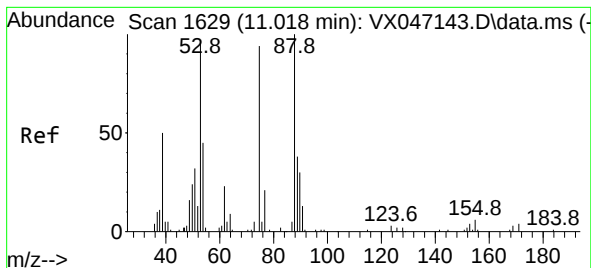


#76
1,3,5-Trimethylbenzene
Concen: 99.236 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23



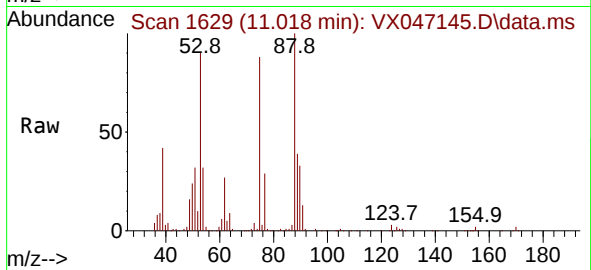
Tgt Ion:105 Resp: 1327386
Ion Ratio Lower Upper
105 100
120 47.9 0.0 93.0





#77
t-1,4-Dichloro-2-butene
Concen: 126.438 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

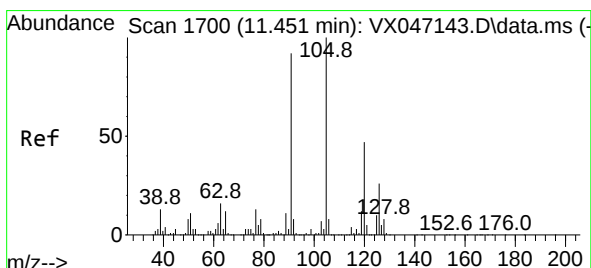
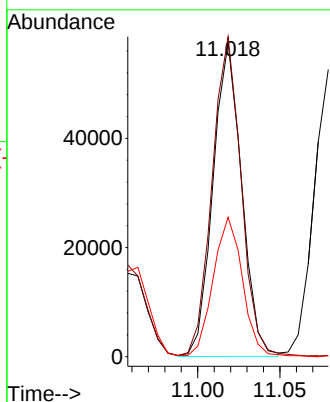
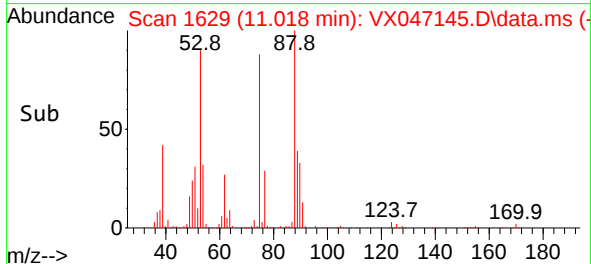
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 69504
Ion Ratio Lower Upper
75 100
53 98.4 48.4 145.2
89 78.8 33.8 101.3

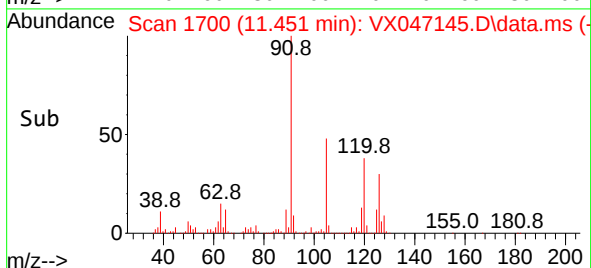
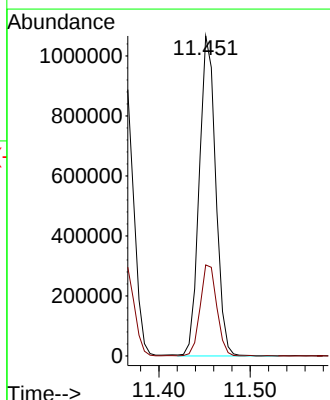
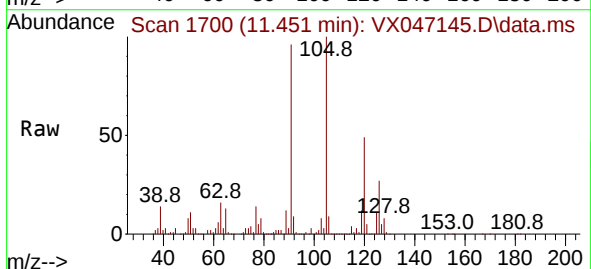
Manual Integrations
APPROVED

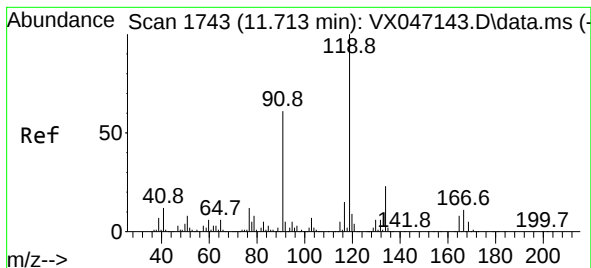
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#78
4-Chlorotoluene
Concen: 99.969 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

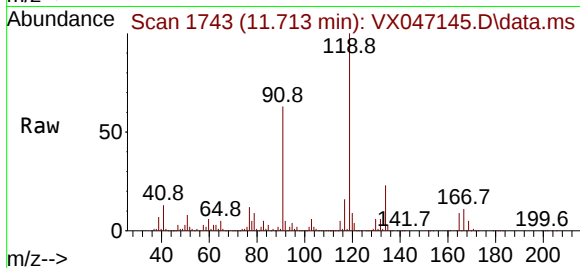
Tgt Ion: 91 Resp: 1331446
Ion Ratio Lower Upper
91 100
126 28.7 0.0 57.2





#79
tert-butylbenzene
Concen: 100.925 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

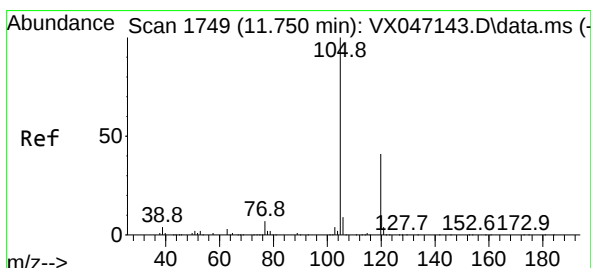
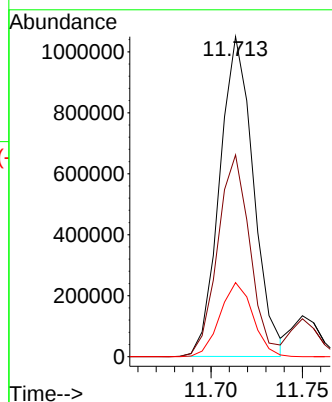
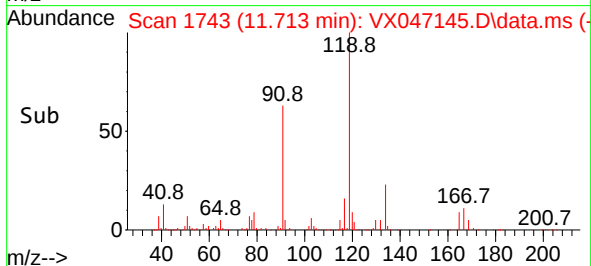
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:119 Resp: 1351008
Ion Ratio Lower Upper
119 100
91 60.6 0.0 120.6
134 22.6 0.0 46.0

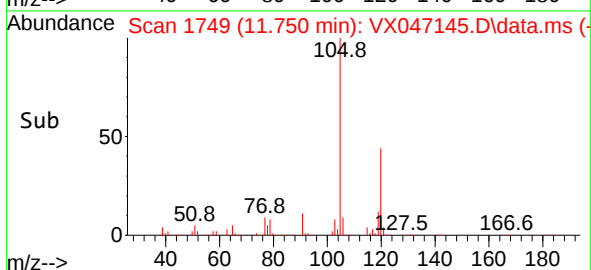
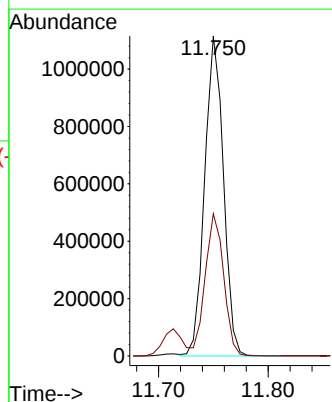
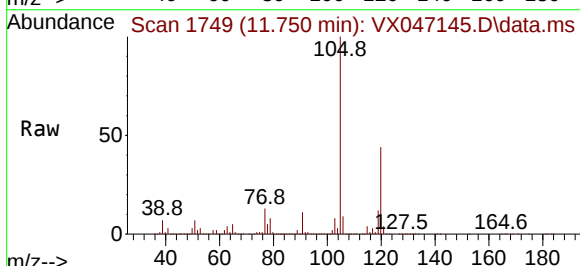
Manual Integrations
APPROVED

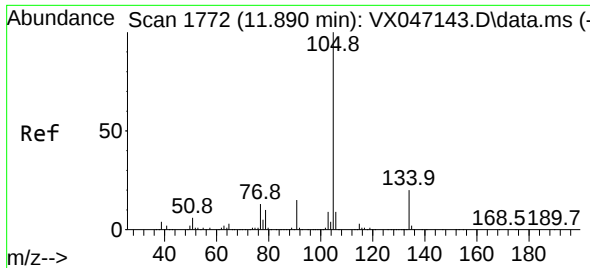
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#80
1,2,4-Trimethylbenzene
Concen: 99.857 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

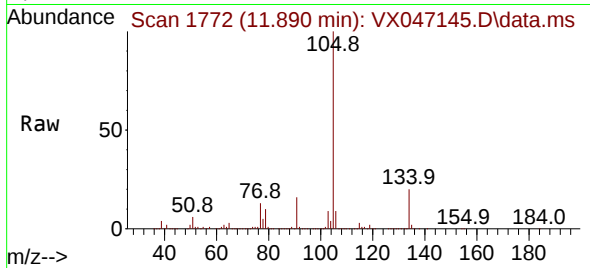
Tgt Ion:105 Resp: 1324824
Ion Ratio Lower Upper
105 100
120 43.4 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 100.443 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047145.D
 Acq: 25 Jul 2025 16:23

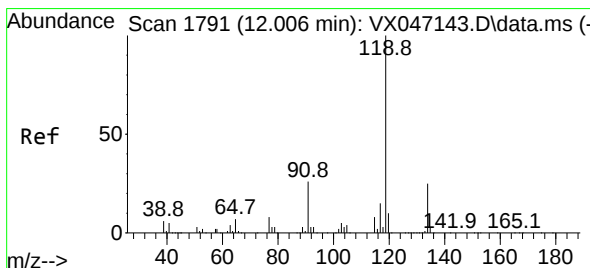
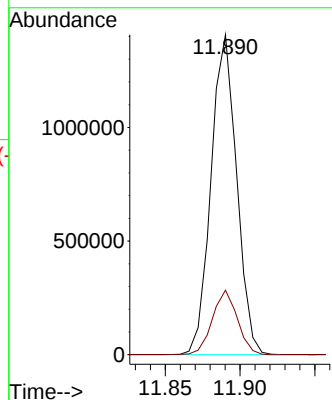
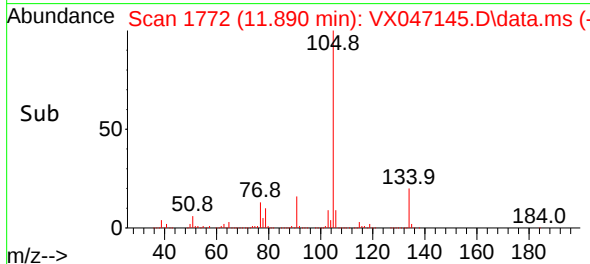
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



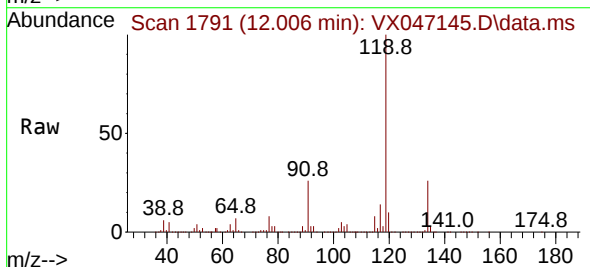
Tgt Ion:105 Resp: 167802
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4

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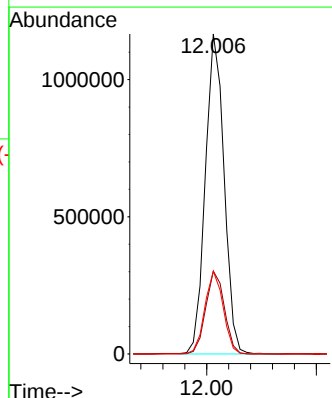
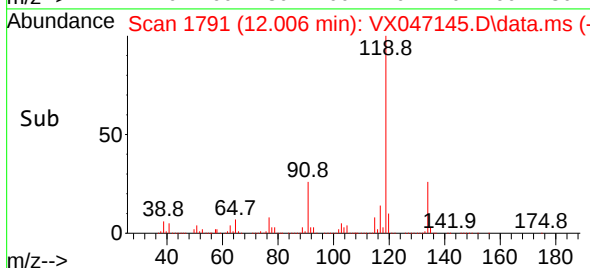
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025

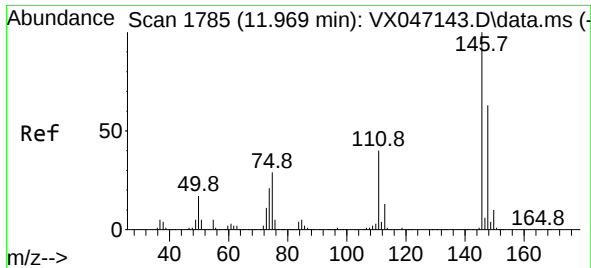


#82
 p-Isopropyltoluene
 Concen: 99.696 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047145.D
 Acq: 25 Jul 2025 16:23



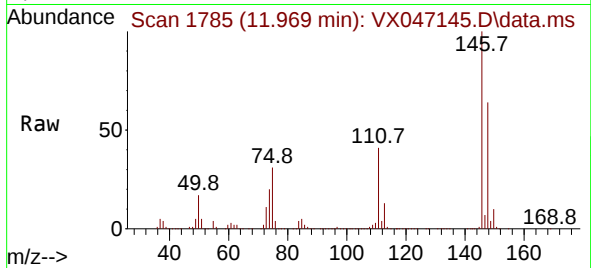
Tgt Ion:119 Resp: 1383965
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 50.8
 91 25.2 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 99.101 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

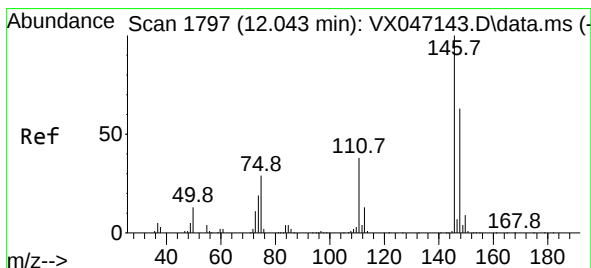
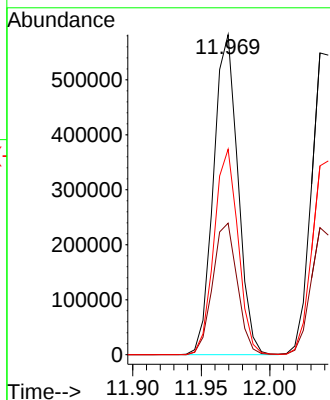
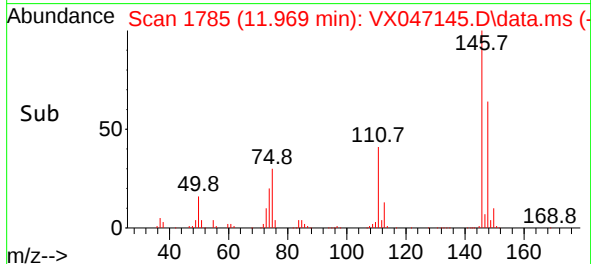
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



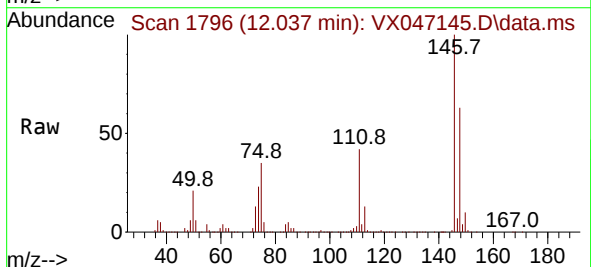
Tgt Ion:146 Resp: 72045
Ion Ratio Lower Upper
146 100
111 41.6 20.7 62.1
148 63.3 31.8 95.3

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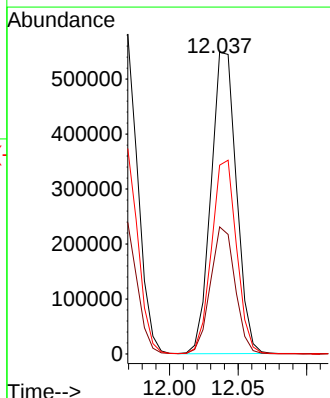
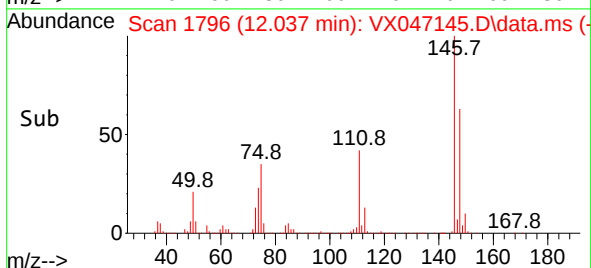
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

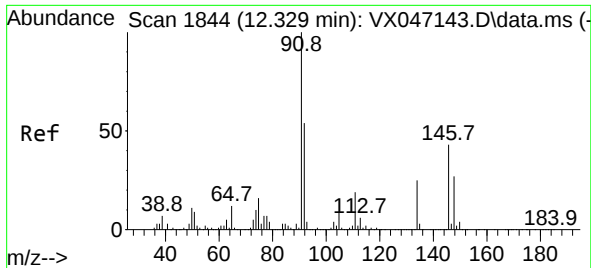


#84
1,4-Dichlorobenzene
Concen: 98.350 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23



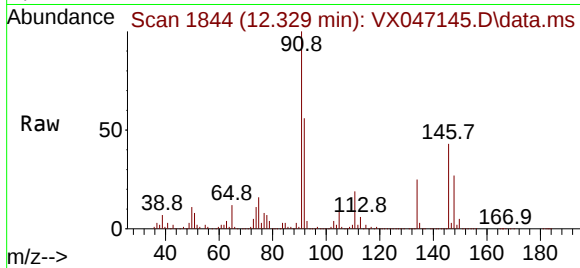
Tgt Ion:146 Resp: 708626
Ion Ratio Lower Upper
146 100
111 40.9 20.4 61.3
148 63.6 32.3 96.8





#85
n-Butylbenzene
Concen: 98.823 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

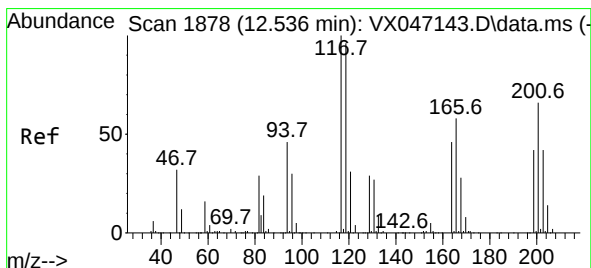
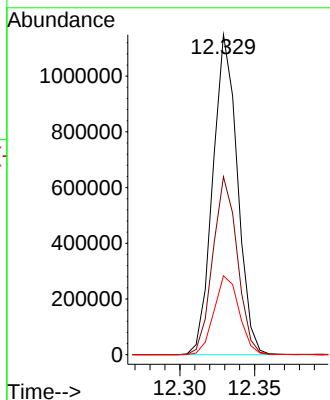
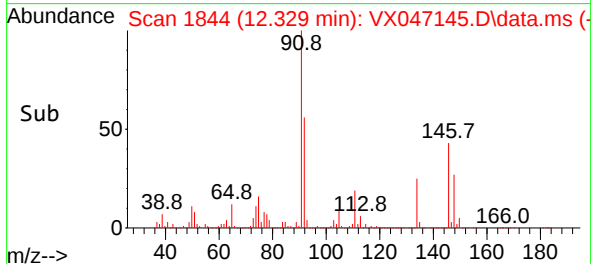
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 131654
Ion Ratio Lower Upper
91 100
92 55.2 0.0 107.8
134 25.3 0.0 50.0

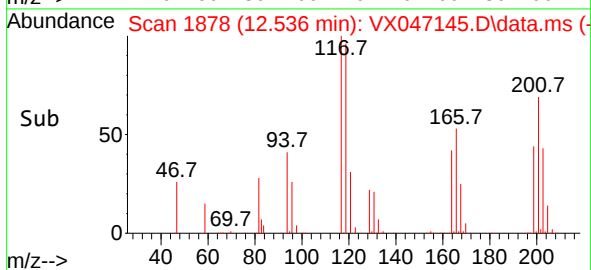
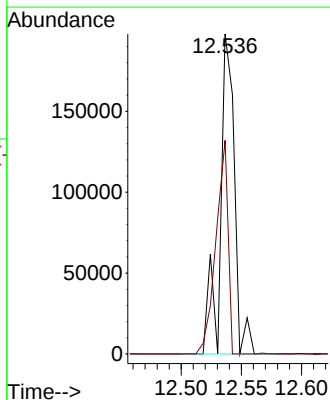
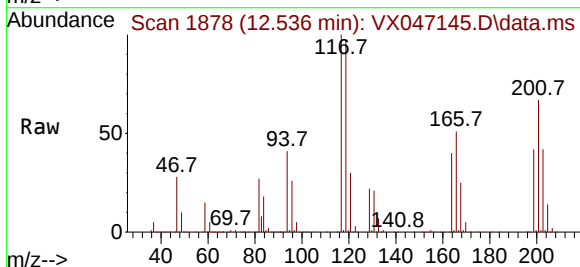
Manual Integrations
APPROVED

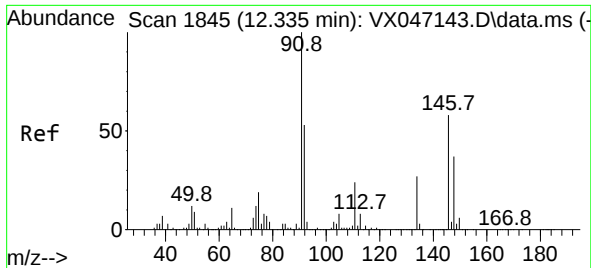
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#86
Hexachloroethane
Concen: 84.047 ug/l m
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

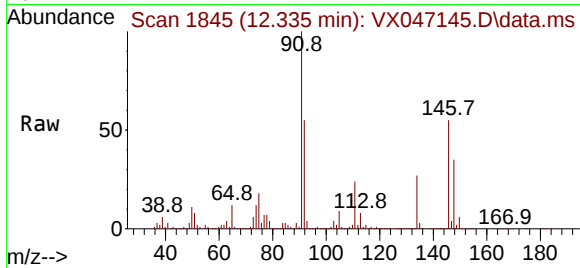
Tgt Ion:117 Resp: 162241
Ion Ratio Lower Upper
117 100
201 56.9 0.5 1.5#





#87
1,2-Dichlorobenzene
Concen: 98.299 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

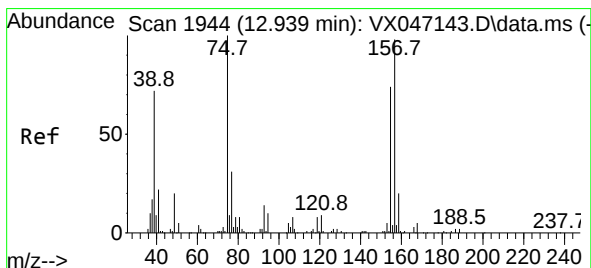
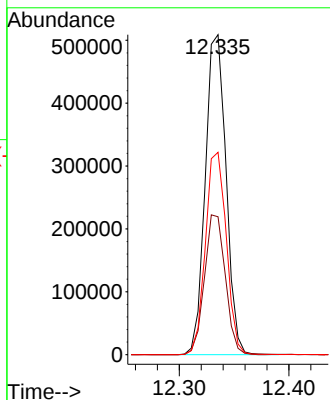
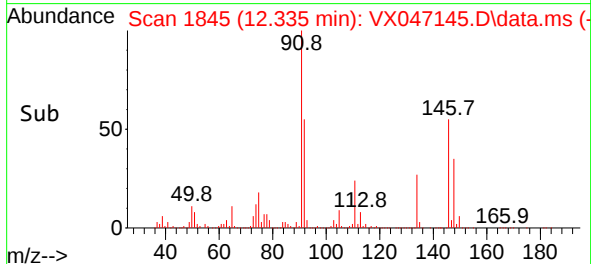
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



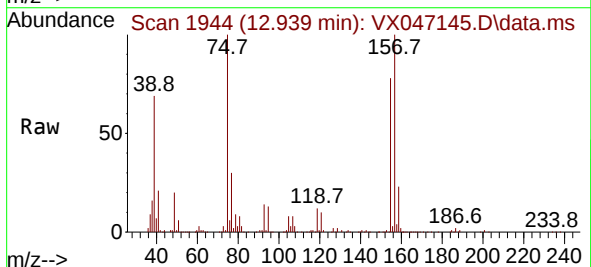
Tgt Ion:146 Resp: 670219
Ion Ratio Lower Upper
146 100
111 43.9 21.8 65.3
148 63.7 32.4 97.0

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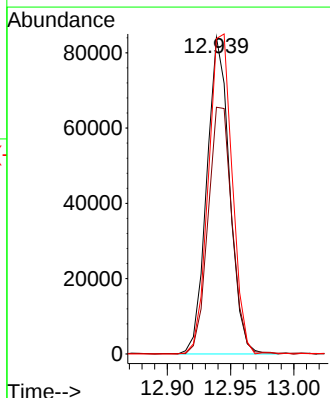
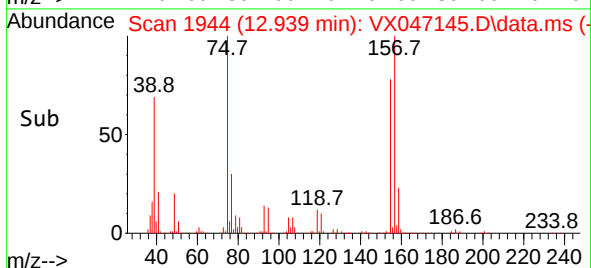
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

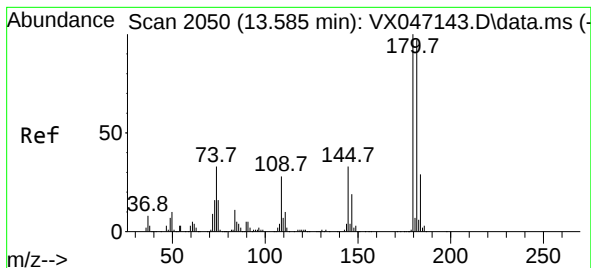


#88
1,2-Dibromo-3-Chloropropane
Concen: 101.260 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23



Tgt Ion: 75 Resp: 105730
Ion Ratio Lower Upper
75 100
155 81.4 65.4 98.2
157 104.9 82.0 123.0





#89

1,2,4-Trichlorobenzene

Concen: 99.513 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047145.D

Acq: 25 Jul 2025 16:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

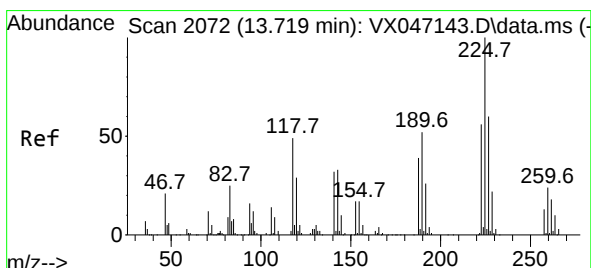
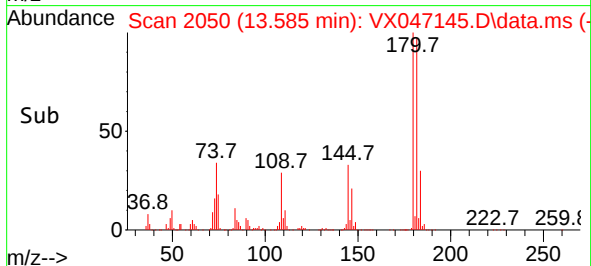
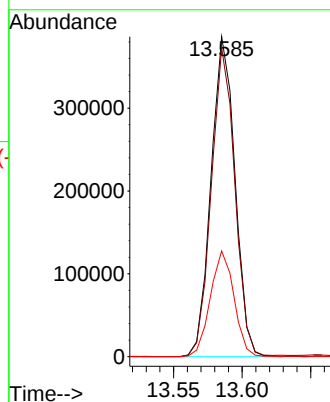
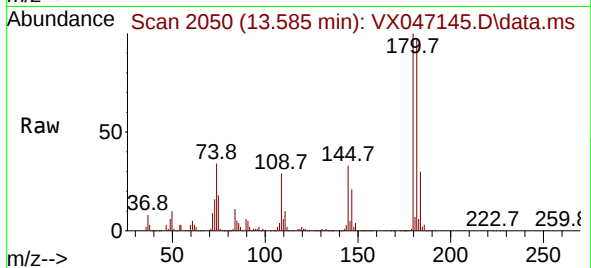
Tgt Ion:180	Resp: 46912
Ion Ratio	Lower Upper
180 100	
182 94.6	78.2 117.2
145 32.8	26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#90

Hexachlorobutadiene

Concen: 119.641 ug/l

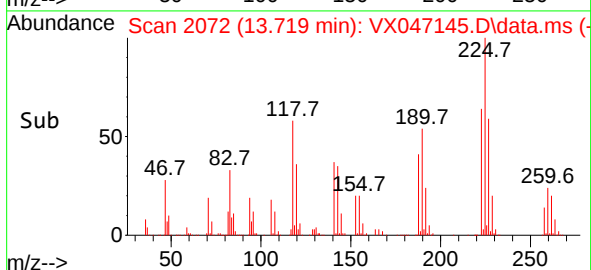
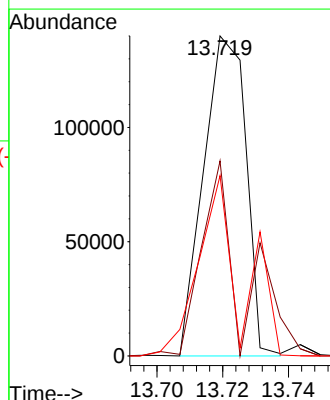
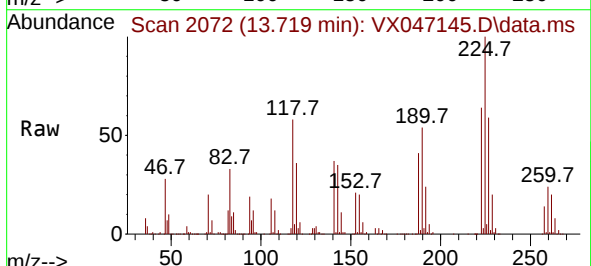
RT: 13.719 min Scan# 2072

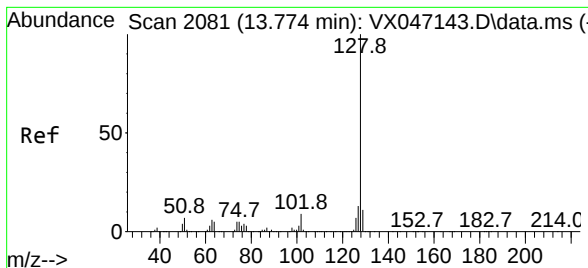
Delta R.T. 0.000 min

Lab File: VX047145.D

Acq: 25 Jul 2025 16:23

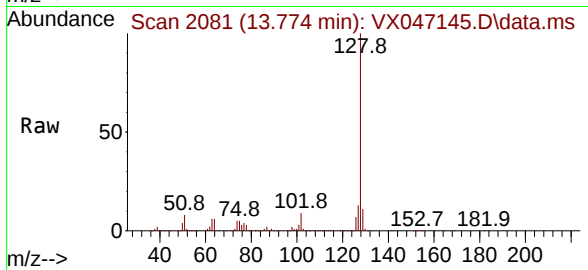
Tgt Ion:225	Resp: 125333
Ion Ratio	Lower Upper
225 100	
223 37.9	0.0 73.8
227 40.6	0.0 130.6





#91
Naphthalene
Concen: 96.045 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

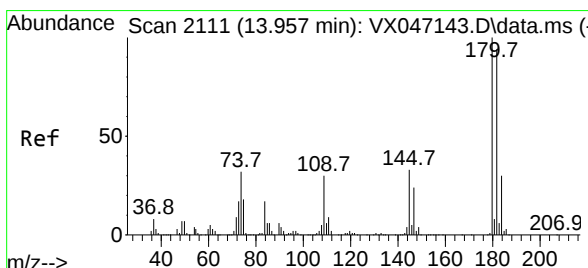
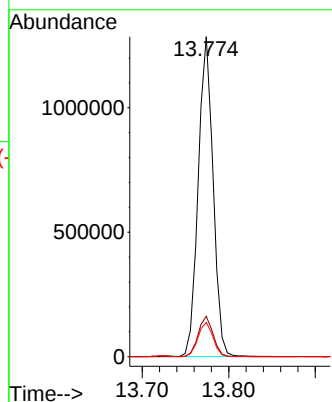
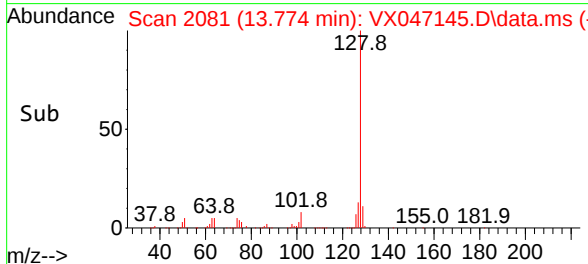
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 152837
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 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: 99.756 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047145.D
Acq: 25 Jul 2025 16:23

Tgt Ion:180 Resp: 451247
Ion Ratio Lower Upper
180 100
182 95.5 0.0 189.0
145 35.3 0.0 69.2

