

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047150.D
 Acq On : 25 Jul 2025 18:10
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072525

Quant Time: Jul 26 05:48:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X072525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 26 05:39:32 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	37310m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	340632	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	311099	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	141413	30.016	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.067%			
60) 4-Bromofluorobenzene	11.079	95	152380	30.060	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.200%			
63) Toluene-d8	8.653	98	403679	29.792	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	75512	17.777	ug/l	100
3) Chloromethane	1.313	50	66396	17.404	ug/l	97
4) Vinyl Chloride	1.392	62	77823	17.073	ug/l #	53
5) Bromomethane	1.630	94	36168	18.891	ug/l	100
6) Chloroethane	1.709	64	51625	20.019	ug/l	99
7) Trichlorofluoromethane	1.910	101	108227	17.444	ug/l	100
8) Diethyl Ether	2.148	74	39961	17.637	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.349	101	64857	17.600	ug/l	95
10) 1,1-Dichloroethene	2.337	96	65307	17.402	ug/l	87
11) Methyl Iodide	2.471	142	100155	17.191	ug/l #	97
12) Methyl Acetate	2.715	43	82190	17.495	ug/l	97
13) Acrolein	2.252	56	26196	41.678	ug/l	98
14) Acrylonitrile	3.081	53	170801	88.096	ug/l	99
15) Acetone	2.392	58	42453	89.213	ug/l	88
16) Carbon Disulfide	2.532	76	196101	17.933	ug/l	100
17) Allyl chloride	2.684	41	100189	15.537	ug/l	98
18) Methylene Chloride	2.806	84	70136	17.221	ug/l	96
19) trans-1,2-Dichloroethene	3.111	96	63989	16.559	ug/l	96
20) Diisopropyl ether	3.776	45	245968	17.847	ug/l	97
21) 1,1-Dichloroethane	3.629	63	129307	17.233	ug/l #	94
22) cis-1,2-Dichloroethene	4.513	96	82876	17.565	ug/l	94
23) tert-Butyl Alcohol	2.959	59	44817	83.200	ug/l #	100
24) Methyl tert-Butyl Ether	3.129	73	216413	17.121	ug/l	100
25) Chloroform	5.111	83	131349	17.780	ug/l	97
26) Cyclohexane	5.483	56	121928	17.321	ug/l #	99
29) 1,1-Dichloropropene	5.708	75	95569	18.014	ug/l	87
30) 2-Butanone	4.568	43	221523	88.401	ug/l	97
31) 2,2-Dichloropropane	4.489	77	93493	16.406	ug/l #	76
32) 1,1,1-Trichloroethane	5.397	97	116874	17.790	ug/l #	80
33) Carbon Tetrachloride	5.690	117	68316m	14.705	ug/l	
34) Benzene	6.050	78	276077	17.626	ug/l	96
35) Methacrylonitrile	4.940	41	50540	18.657	ug/l	93
36) 1,2-Dichloroethane	6.098	62	100441	17.745	ug/l #	91
37) Trichloroethene	7.135	130	69266	17.573	ug/l	99
38) Methylcyclohexane	7.385	83	119733	17.506	ug/l	100
39) 1,2-Dichloropropane	7.434	63	70045	17.439	ug/l	98
40) Dibromomethane	7.586	93	53163	18.960	ug/l	84
41) Bromodichloromethane	7.830	83	105738	18.039	ug/l	93
42) Vinyl Acetate	3.739	43	1016305	88.222	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	86325	15.194	ug/l #	93
44) Isopropyl Acetate	6.348	43	155680	17.317	ug/l	98
45) 1,4-Dioxane	7.708	88	20332	365.688	ug/l #	70
46) Methyl methacrylate	7.696	41	78054	16.919	ug/l	94
47) n-amyl Acetate	10.841	43	137512	17.493	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	96858	17.097	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	106859	17.244	ug/l	93
50) 1,1,2-Trichloroethane	9.153	97	66513	17.856	ug/l	99
51) Ethyl methacrylate	9.116	69	107012	17.621	ug/l	96
52) 1,3-Dichloropropane	9.311	76	115855	17.928	ug/l	99
53) Dibromochloromethane	9.543	129	2748m	2.010	ug/l	
54) 1,2-Dibromoethane	9.610	107	67308	17.260	ug/l	92
55) 2-Chloroethyl vinyl ether	8.244	63	261608	88.340	ug/l	99
56) Bromoform	10.793	173	11347m	204.727	ug/l	
58) 4-Methyl-2-Pentanone	8.574	43	477725	88.010	ug/l	99
59) 2-Hexanone	9.433	43	336137	87.539	ug/l	99
61) Tetrachloroethene	9.275	164	58284	17.110	ug/l	96
62) Toluene	8.720	91	303074	17.421	ug/l	99
64) Chlorobenzene	10.079	112	194586	17.443	ug/l	91
65) 1,1,1,2-Tetrachloroethane	10.159	131	63116	17.896	ug/l	91
66) Ethyl Benzene	10.195	91	343038	17.233	ug/l	99
67) m/p-Xylenes	10.299	106	254770	34.537	ug/l	95
68) o-Xylene	10.640	106	125083	17.582	ug/l	98
69) Styrene	10.652	104	208062	17.052	ug/l	99
70) Isopropylbenzene	10.963	105	333486	17.599	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	98211	17.470	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	77069m	17.799	ug/l	
73) Bromobenzene	11.195	156	78379	17.282	ug/l	97
74) n-propylbenzene	11.305	91	404129	17.763	ug/l	98
75) 2-Chlorotoluene	11.360	91	236156	17.540	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	272278	17.464	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	5920	9.239	ug/l	88
78) 4-Chlorotoluene	11.451	91	276482	17.810	ug/l	99
79) tert-butylbenzene	11.713	119	279177	17.893	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	275119	17.791	ug/l	99
81) sec-Butylbenzene	11.890	105	347518	17.847	ug/l	99
82) p-Isopropyltoluene	12.006	119	291718	18.029	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	150000	17.702	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	149397	17.789	ug/l	99
85) n-Butylbenzene	12.329	91	274912	17.704	ug/l	99
86) Hexachloroethane	12.536	117	48225	21.610	ug/l #	99
87) 1,2-Dichlorobenzene	12.335	146	142868	17.977	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	20314	16.691	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	95748	17.425	ug/l	98
90) Hexachlorobutadiene	13.725	225	27109	22.251	ug/l #	29
91) Naphthalene	13.774	128	318710	17.183	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	93836	17.797	ug/l	99

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

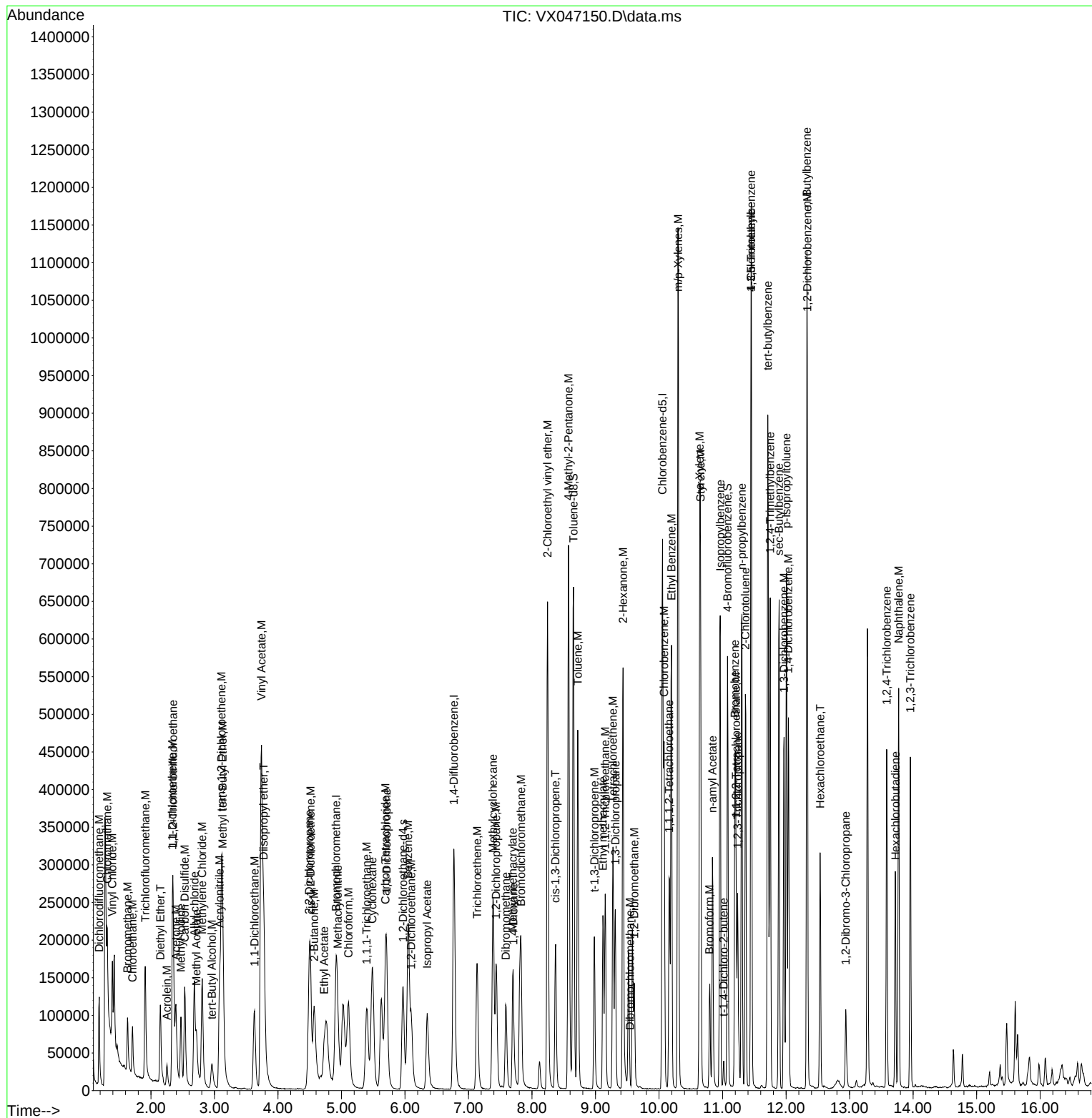
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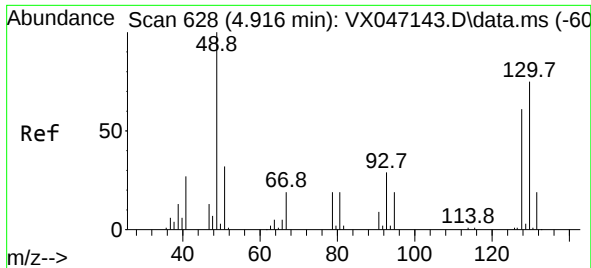
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525

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

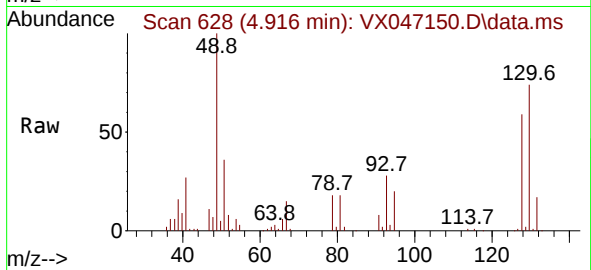
Quant Time: Jul 26 05:48:00 2025
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jul 26 05:39:32 2025
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#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

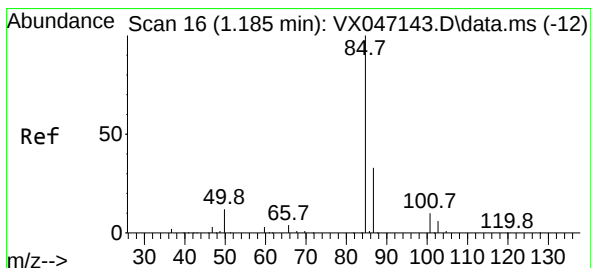
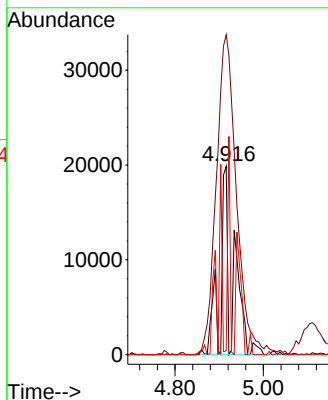
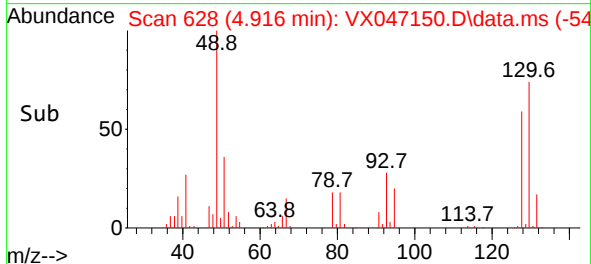
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



Tgt Ion:128 Resp: 37310
Ion Ratio Lower Upper
128 100
49 283.6 0.0 0.0
130 23.2 0.0 0.0

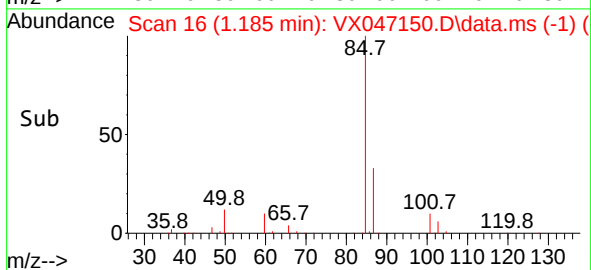
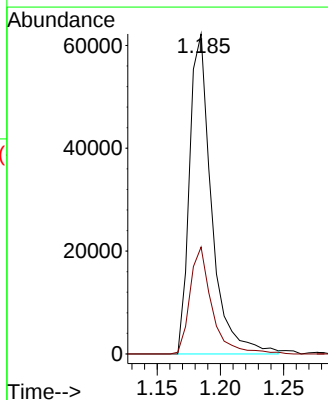
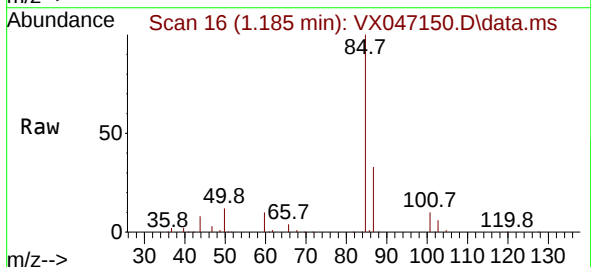
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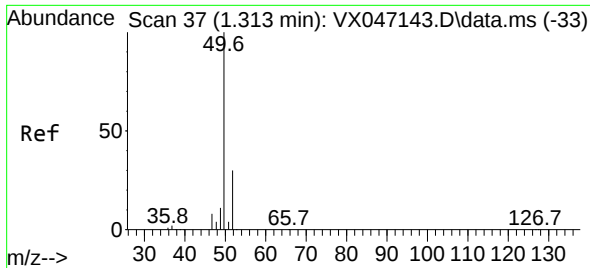
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#2
Dichlorodifluoromethane
Concen: 17.777 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

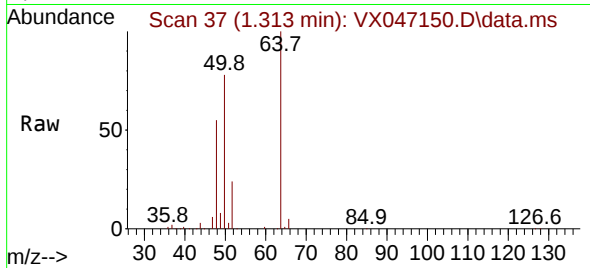
Tgt Ion: 85 Resp: 75512
Ion Ratio Lower Upper
85 100
87 32.4 16.4 49.1





#3
Chloromethane
Concen: 17.404 ug/l
RT: 1.313 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

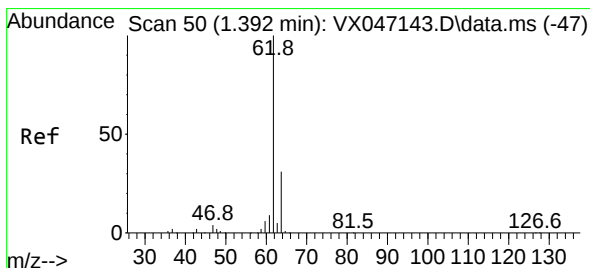
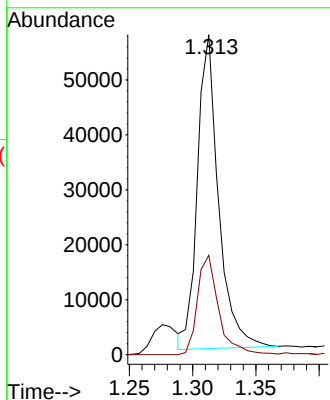
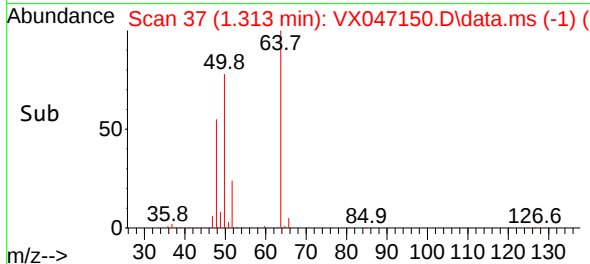
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Tgt Ion: 50 Resp: 66390
Ion Ratio Lower Upper
50 100
52 31.9 24.4 36.6

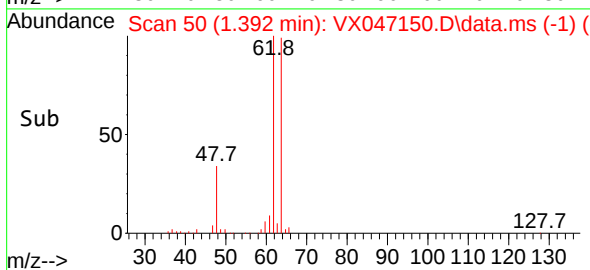
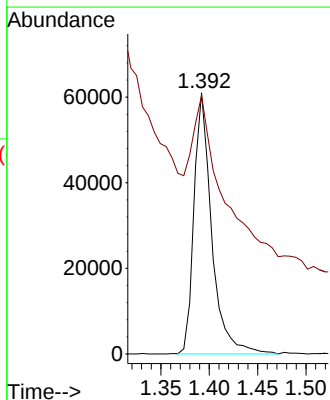
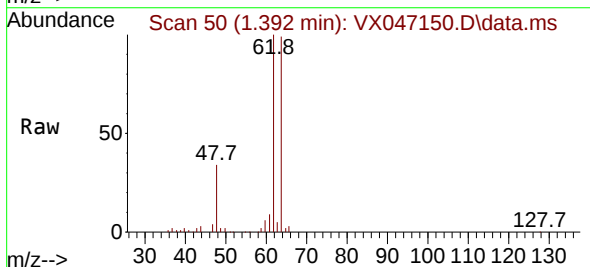
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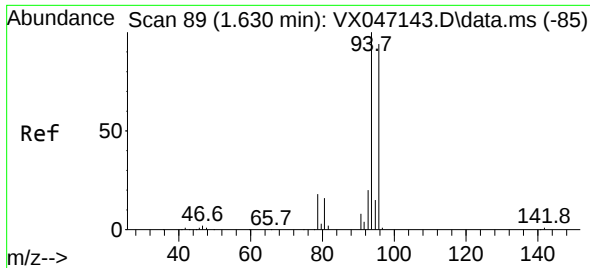
Reviewed By :John Carlone 07/28/2025
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#4
Vinyl Chloride
Concen: 17.073 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

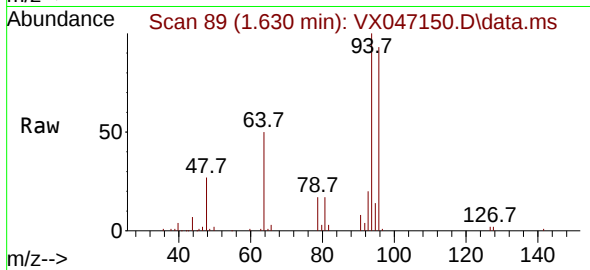
Tgt Ion: 62 Resp: 77823
Ion Ratio Lower Upper
62 100
64 58.5 25.7 38.5





#5
Bromomethane
Concen: 18.891 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

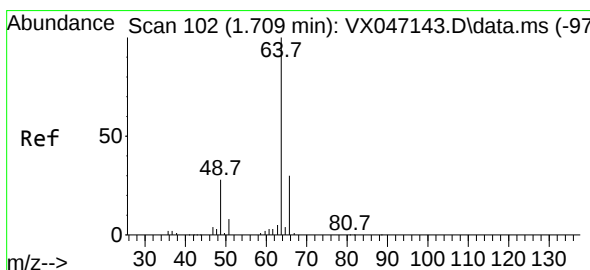
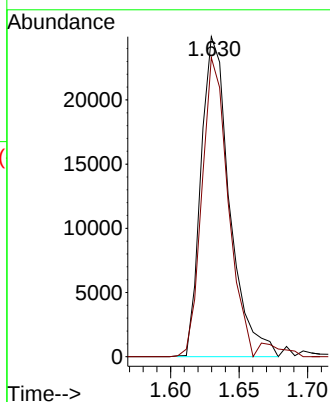
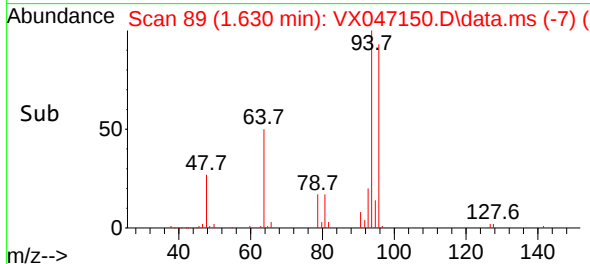
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Tgt Ion: 94 Resp: 3616
Ion Ratio Lower Upper
94 100
96 82.5 66.0 99.0

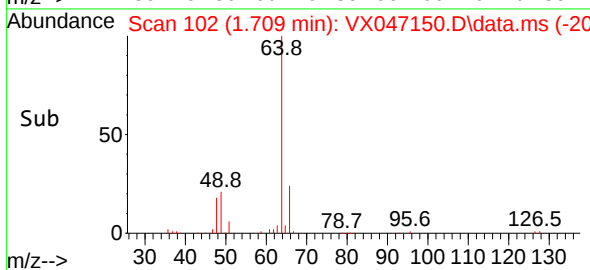
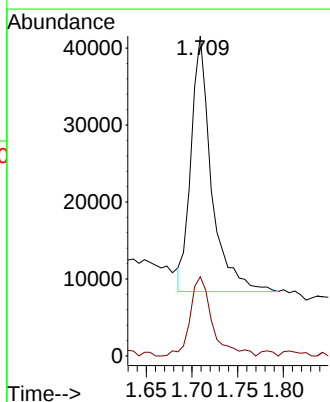
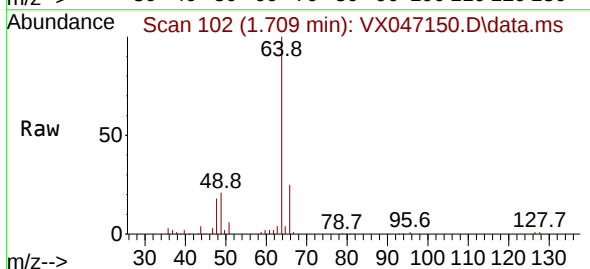
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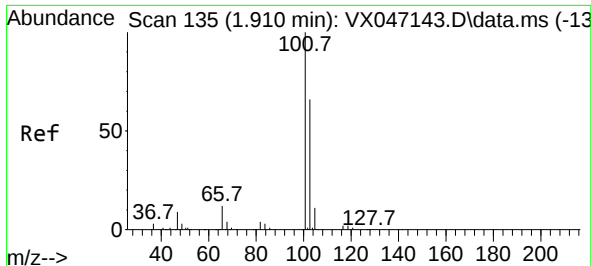
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#6
Chloroethane
Concen: 20.019 ug/l
RT: 1.709 min Scan# 102
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

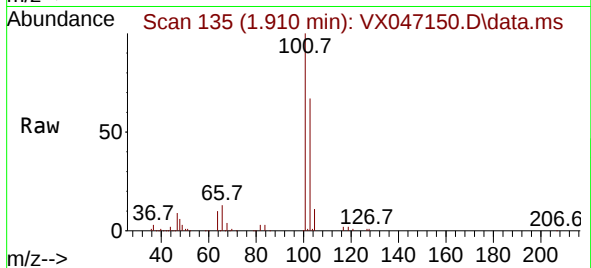
Tgt Ion: 64 Resp: 51625
Ion Ratio Lower Upper
64 100
66 30.7 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 17.444 ug/l
 RT: 1.910 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047150.D
 Acq: 25 Jul 2025 18:10

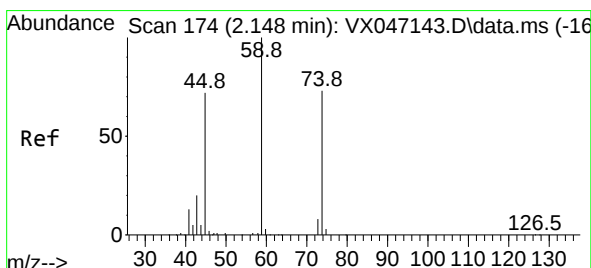
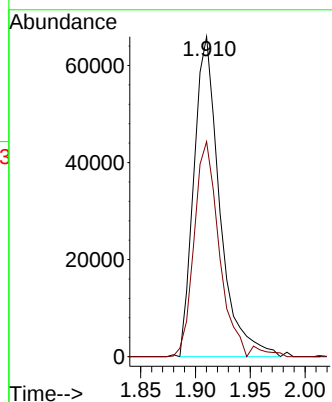
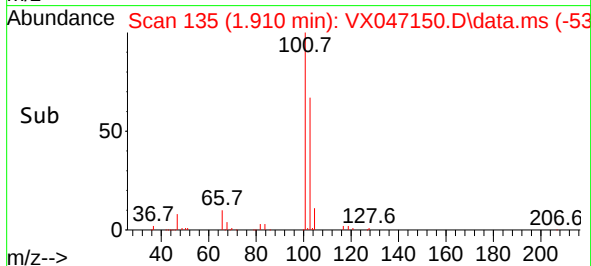
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Tgt Ion:101 Resp: 10822
 Ion Ratio Lower Upper
 101 100
 103 65.9 52.4 78.6

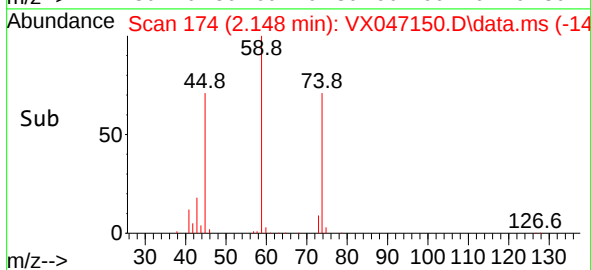
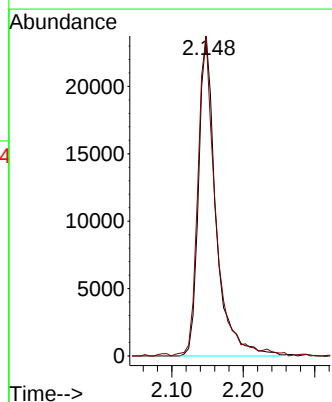
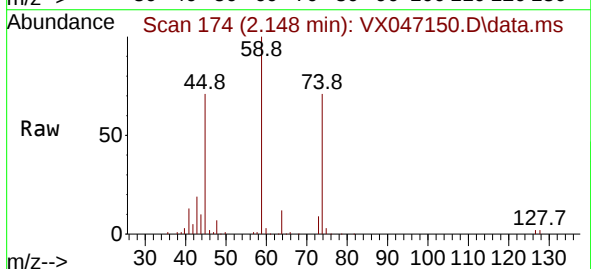
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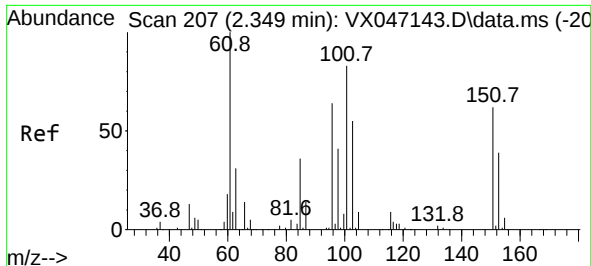
Reviewed By :John Carlone 07/28/2025
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#8
 Diethyl Ether
 Concen: 17.637 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. -0.000 min
 Lab File: VX047150.D
 Acq: 25 Jul 2025 18:10

Tgt Ion: 74 Resp: 39961
 Ion Ratio Lower Upper
 74 100
 45 101.5 22.0 197.6





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.600 ug/l
 RT: 2.349 min Scan# 207
 Delta R.T. -0.000 min
 Lab File: VX047150.D
 Acq: 25 Jul 2025 18:10

Instrument :

MSVOA_X

ClientSampleId :

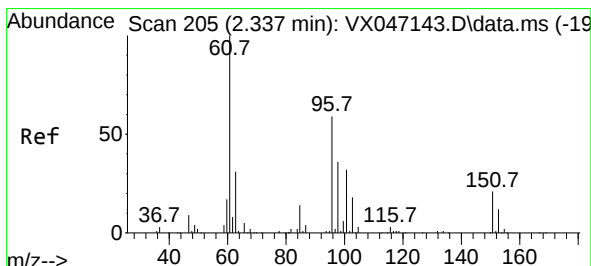
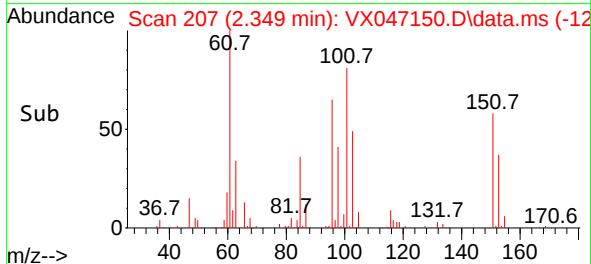
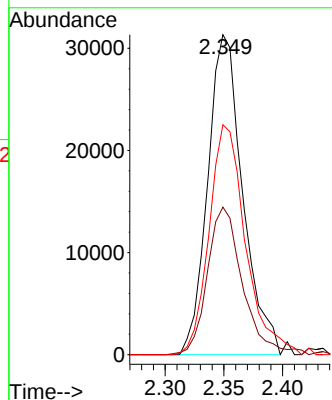
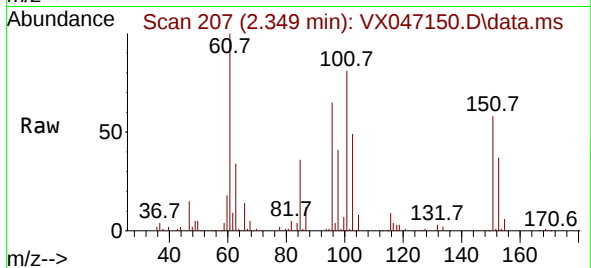
ICVVX072525

Tgt Ion:101 Resp: 6485
 Ion Ratio Lower Upper
 101 100
 85 45.8 0.0 91.8
 151 74.8 0.0 137.2

Manual Integrations

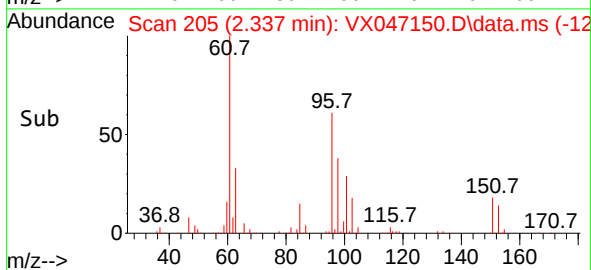
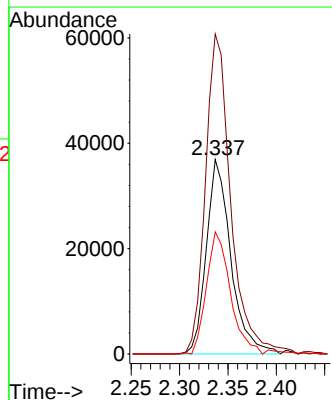
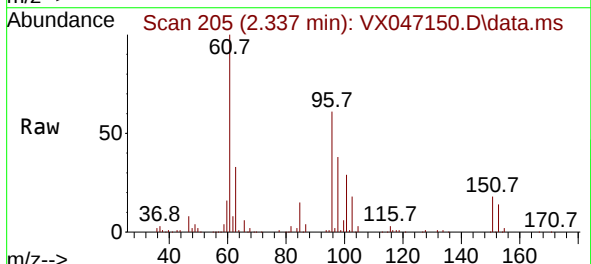
APPROVED

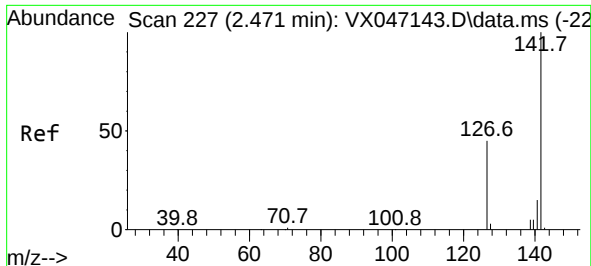
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025



#10
 1,1-Dichloroethene
 Concen: 17.402 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. -0.000 min
 Lab File: VX047150.D
 Acq: 25 Jul 2025 18:10

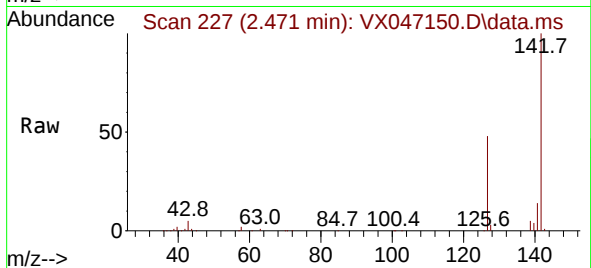
Tgt Ion: 96 Resp: 65307
 Ion Ratio Lower Upper
 96 100
 61 157.9 145.5 218.3
 98 62.0 49.5 74.3





#11
Methyl Iodide
Concen: 17.191 ug/l
RT: 2.471 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

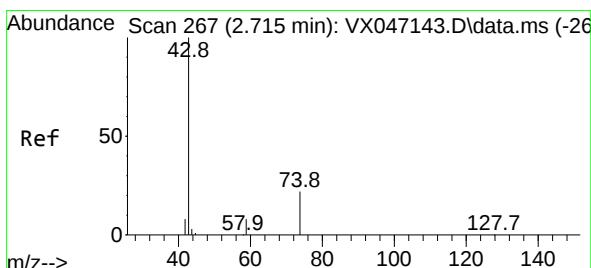
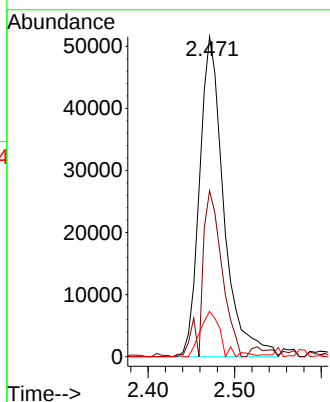
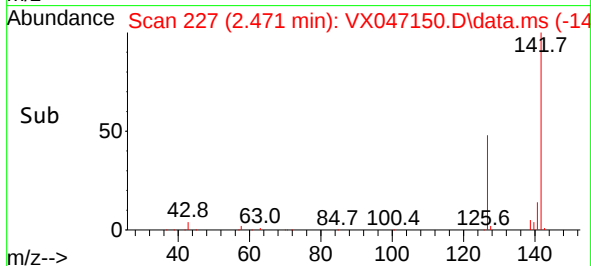
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



Tgt Ion:142 Resp: 10015
Ion Ratio Lower Upper
142 100
127 50.8 0.9 2.8
141 111.5 55.5 166.5

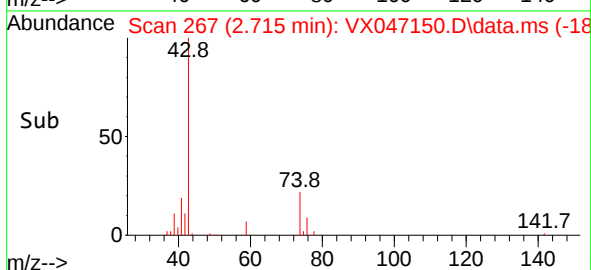
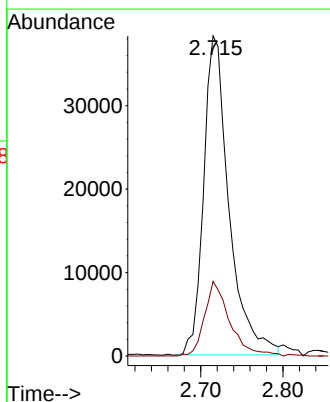
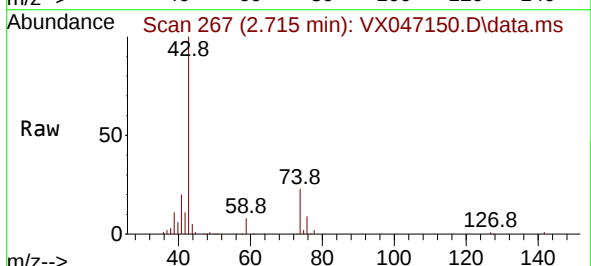
Manual Integrations
APPROVED

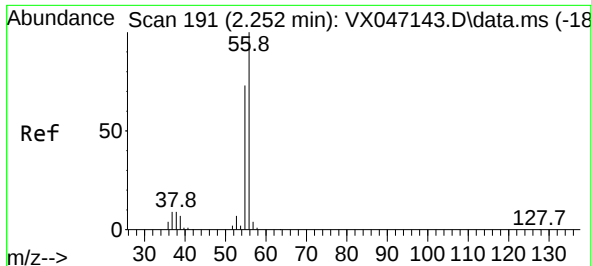
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#12
Methyl Acetate
Concen: 17.495 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

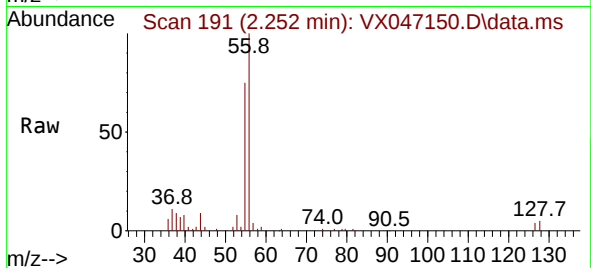
Tgt Ion: 43 Resp: 82190
Ion Ratio Lower Upper
43 100
74 21.8 18.4 27.6





#13
Acrolein
Concen: 41.678 ug/l
RT: 2.252 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

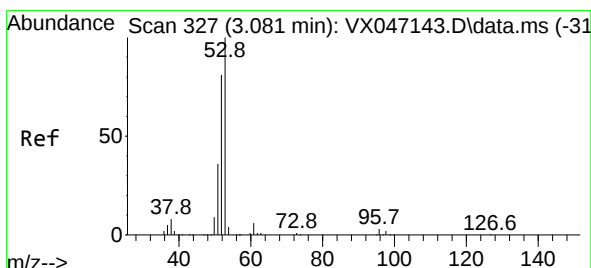
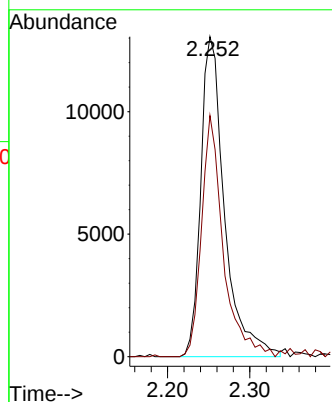
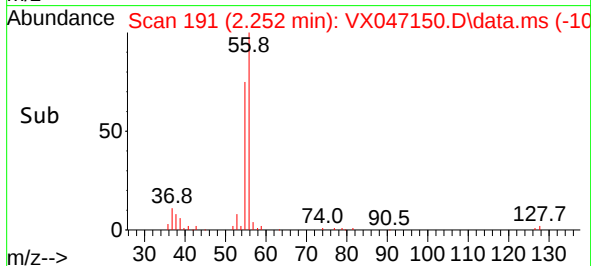
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



Tgt Ion: 56 Resp: 26190
Ion Ratio Lower Upper
56 100
55 69.0 56.8 85.2

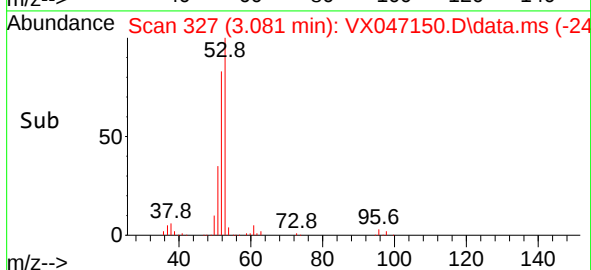
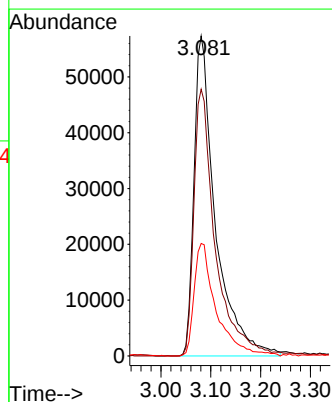
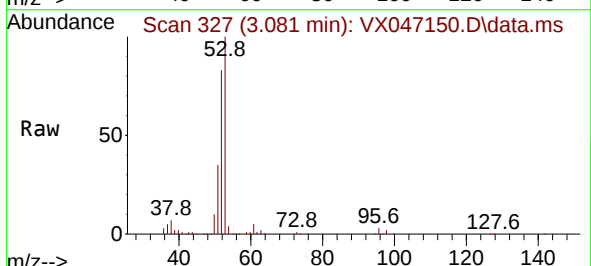
Manual Integrations
APPROVED

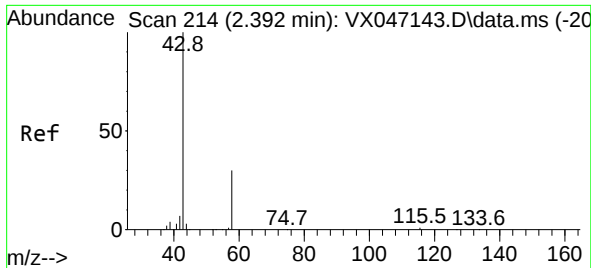
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#14
Acrylonitrile
Concen: 88.096 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

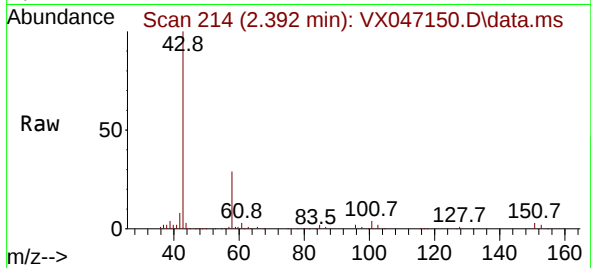
Tgt Ion: 53 Resp: 170801
Ion Ratio Lower Upper
53 100
52 82.6 41.3 123.7
51 36.2 17.2 51.5





#15
Acetone
Concen: 89.213 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

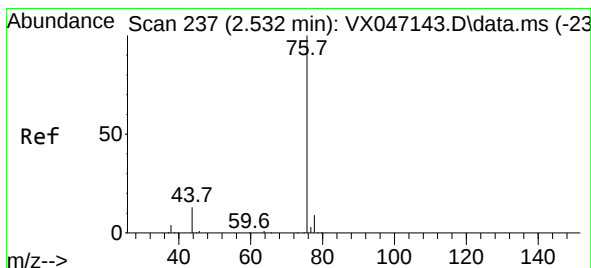
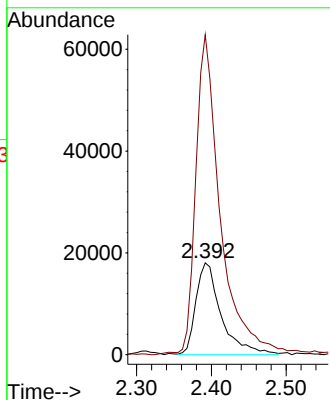
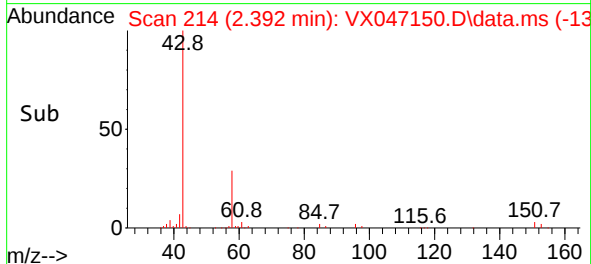
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



Tgt Ion: 58 Resp: 4245
Ion Ratio Lower Upper
58 100
43 358.7 266.9 400.3

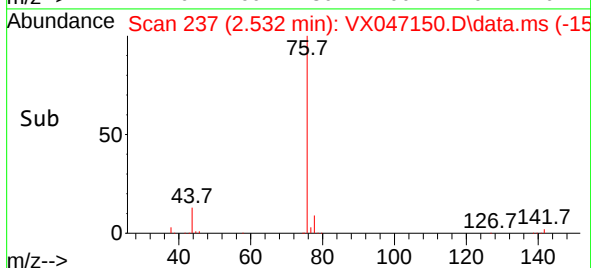
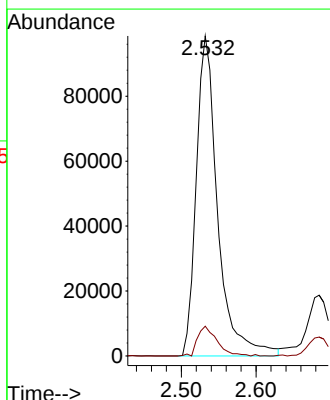
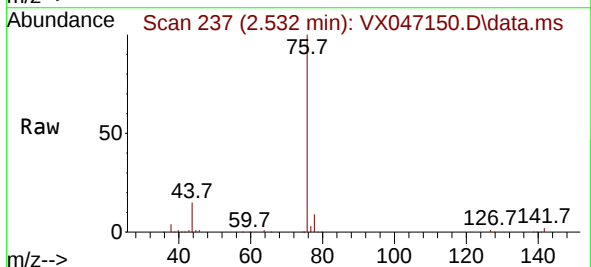
Manual Integrations
APPROVED

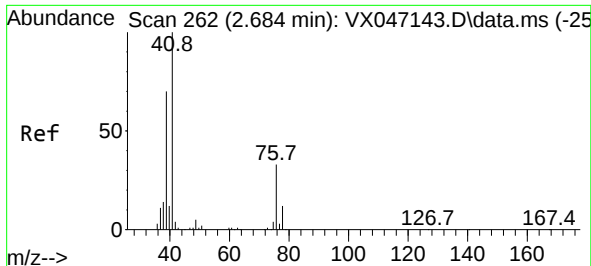
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#16
Carbon Disulfide
Concen: 17.933 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Tgt Ion: 76 Resp: 196101
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7





#17

Allyl chloride

Concen: 15.537 ug/l

RT: 2.684 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX047150.D

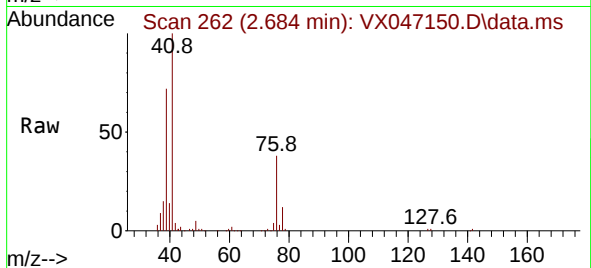
Acq: 25 Jul 2025 18:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072525



Tgt Ion: 41 Resp: 100189

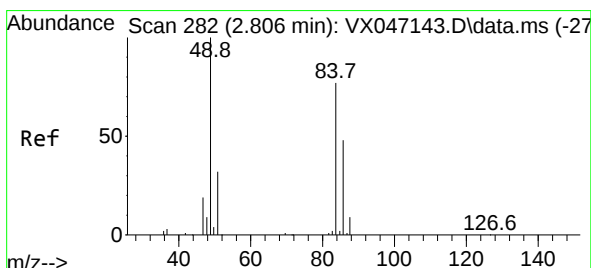
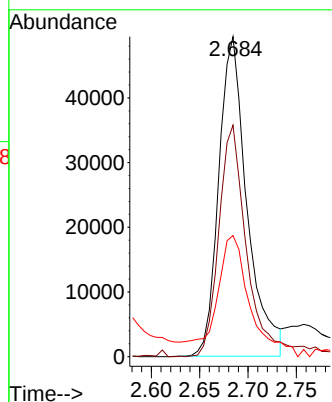
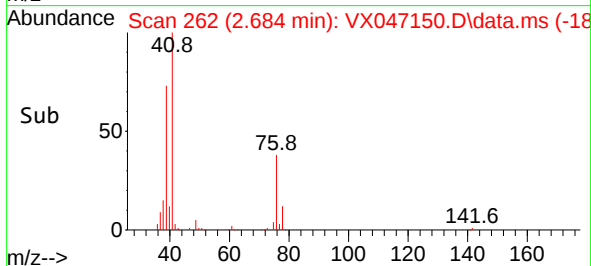
Ion	Ratio	Lower	Upper
41	100		
39	70.9	34.3	102.8
76	33.4	16.7	50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#18

Methylene Chloride

Concen: 17.221 ug/l

RT: 2.806 min Scan# 282

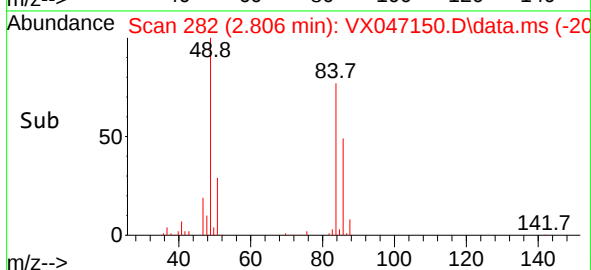
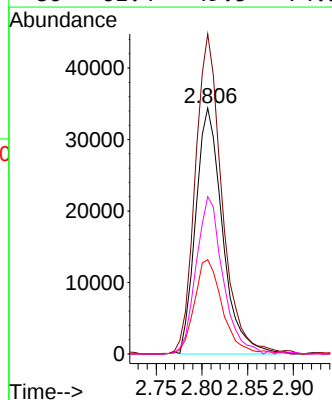
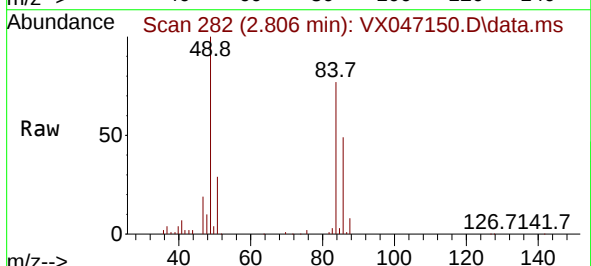
Delta R.T. -0.000 min

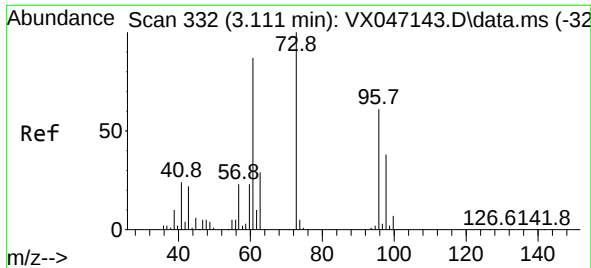
Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

Tgt Ion: 84 Resp: 70136

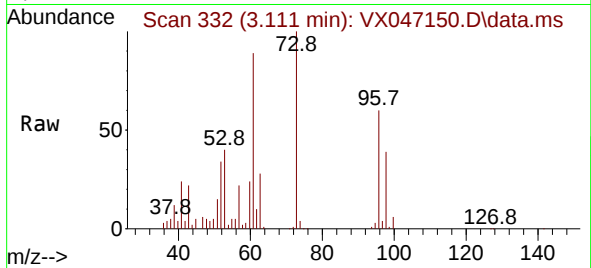
Ion	Ratio	Lower	Upper
84	100		
49	129.4	107.9	161.9
51	36.7	33.4	50.2
86	61.4	49.5	74.3





#19
trans-1,2-Dichloroethene
Concen: 16.559 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

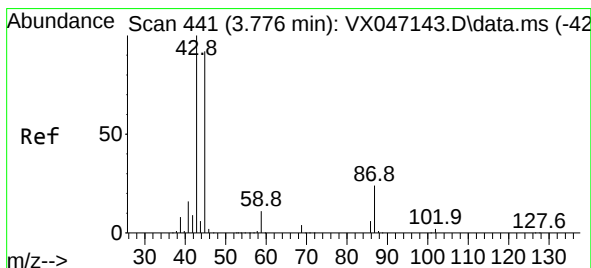
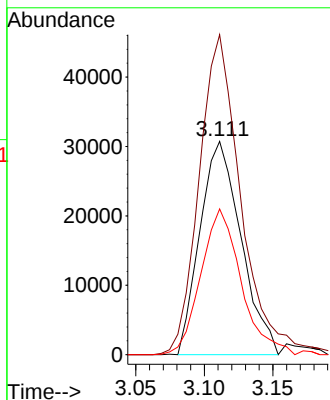
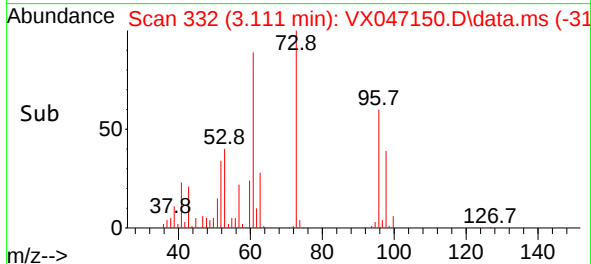
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



Tgt Ion: 96 Resp: 63989
Ion Ratio Lower Upper
96 100
61 146.1 122.3 183.5
98 61.0 50.2 75.2

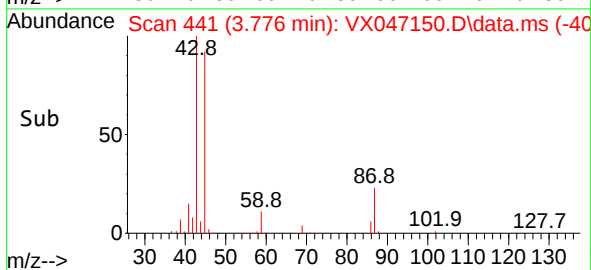
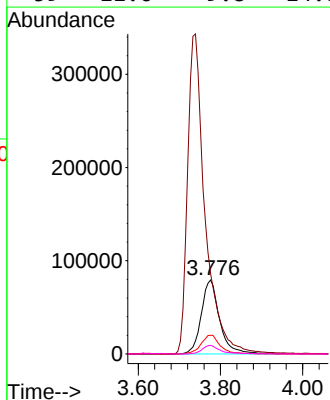
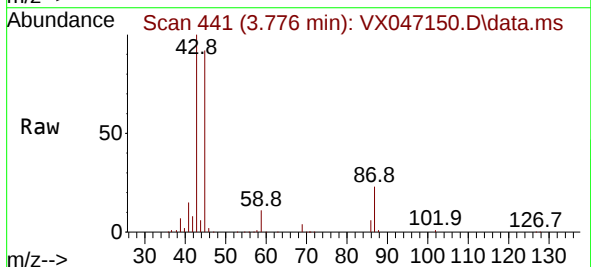
Manual Integrations
APPROVED

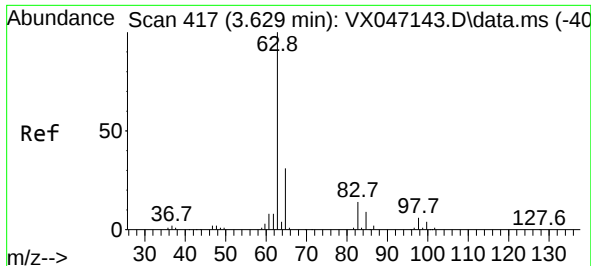
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#20
Diisopropyl ether
Concen: 17.847 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

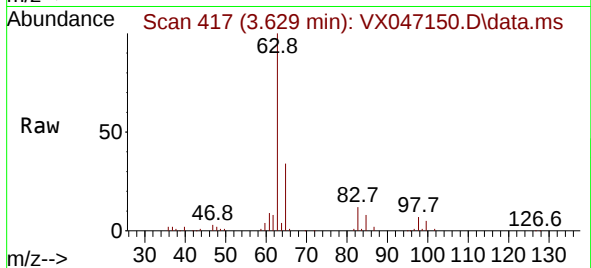
Tgt Ion: 45 Resp: 245968
Ion Ratio Lower Upper
45 100
43 107.8 89.1 133.7
87 25.3 21.3 31.9
59 11.6 9.8 14.8





#21
1,1-Dichloroethane
Concen: 17.233 ug/l
RT: 3.629 min Scan# 417
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

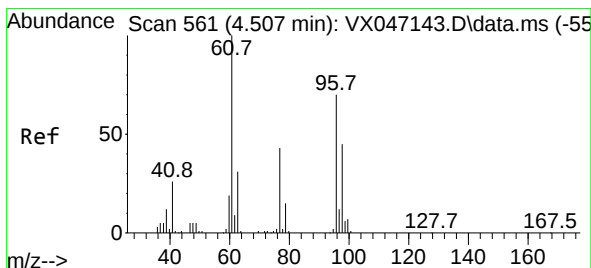
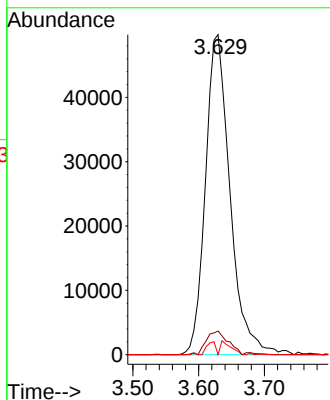
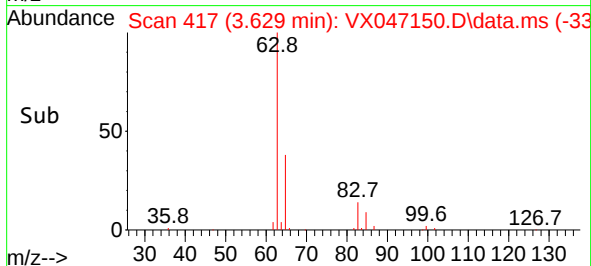
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



Tgt Ion: 63 Resp: 12930
Ion Ratio Lower Upper
63 100
98 7.4 3.5 10.5
100 0.0 2.2 6.6

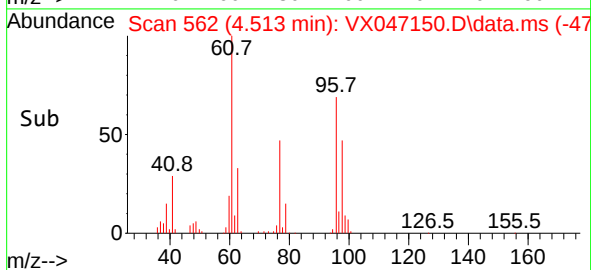
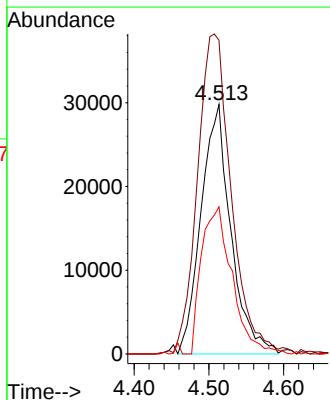
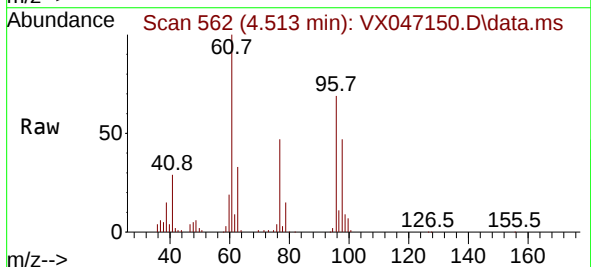
Manual Integrations
APPROVED

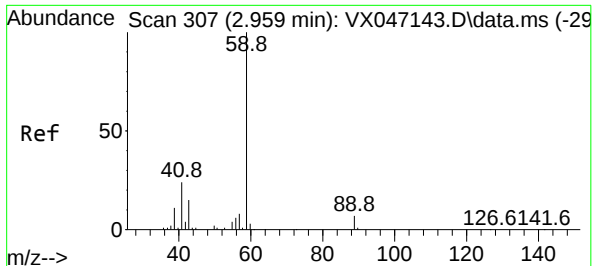
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#22
cis-1,2-Dichloroethene
Concen: 17.565 ug/l
RT: 4.513 min Scan# 562
Delta R.T. 0.006 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Tgt Ion: 96 Resp: 82876
Ion Ratio Lower Upper
96 100
61 143.0 120.0 180.0
98 60.5 52.8 79.2





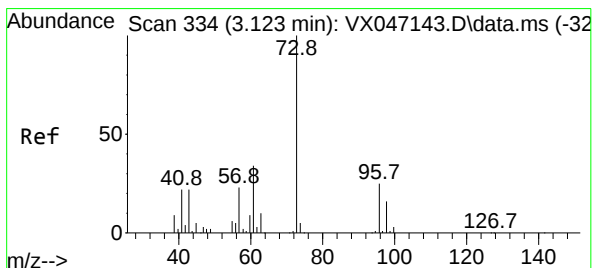
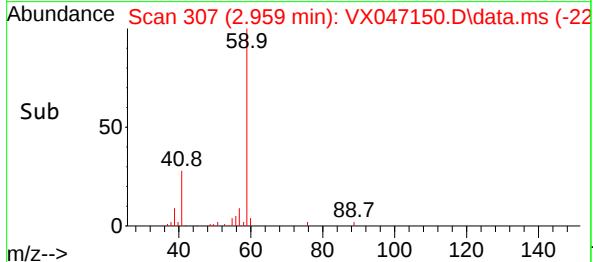
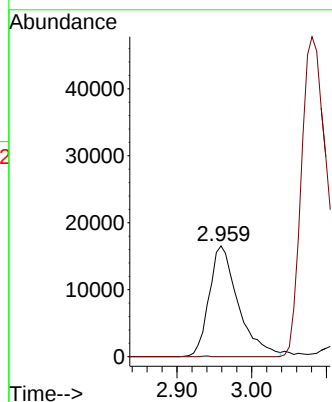
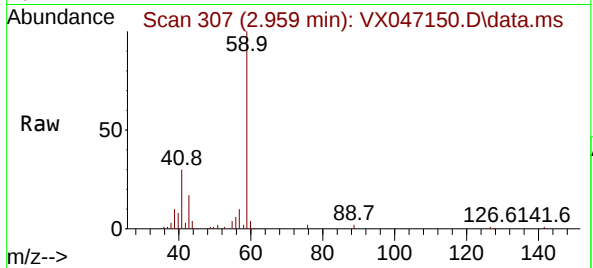
#23
tert-Butyl Alcohol
Concen: 83.200 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525

Tgt Ion: 59 Resp: 4481
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2

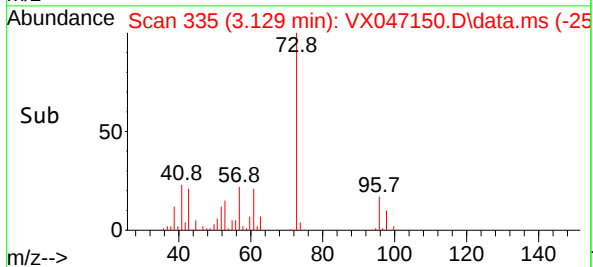
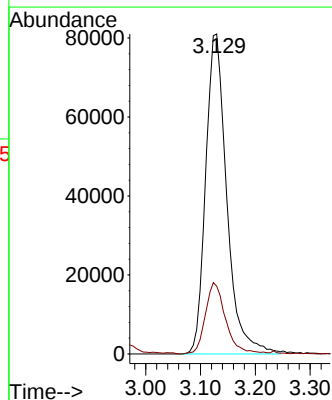
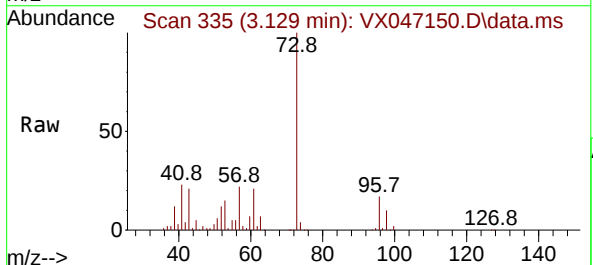
Manual Integrations
APPROVED

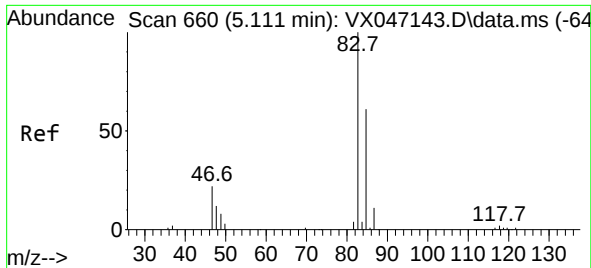
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#24
Methyl tert-Butyl Ether
Concen: 17.121 ug/l
RT: 3.129 min Scan# 335
Delta R.T. 0.006 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

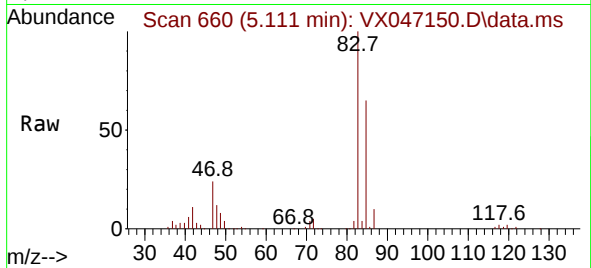
Tgt Ion: 73 Resp: 216413
Ion Ratio Lower Upper
73 100
43 21.3 16.9 25.3





#25
Chloroform
Concen: 17.780 ug/l
RT: 5.111 min Scan# 60
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

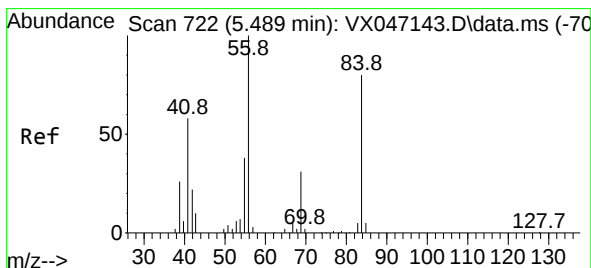
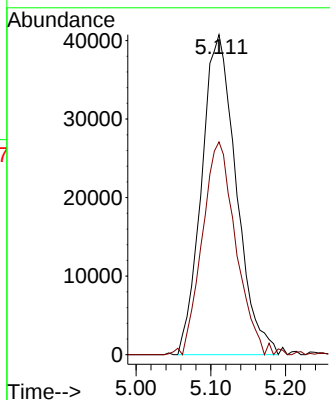
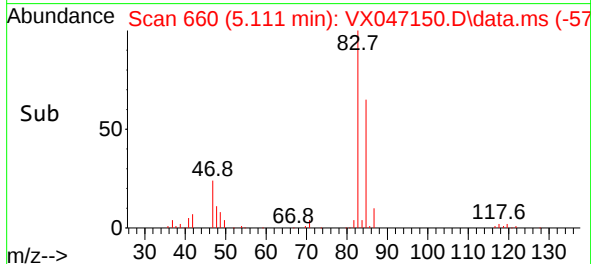
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



Tgt Ion: 83 Resp: 131349
Ion Ratio Lower Upper
83 100
85 62.4 48.0 72.0

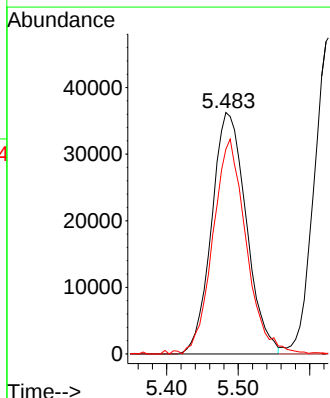
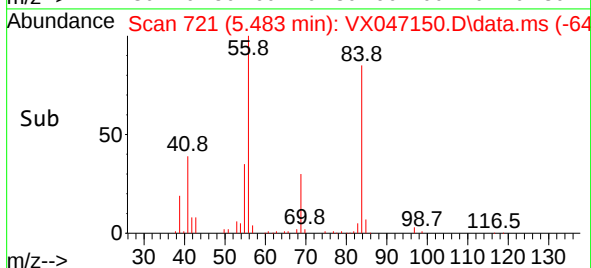
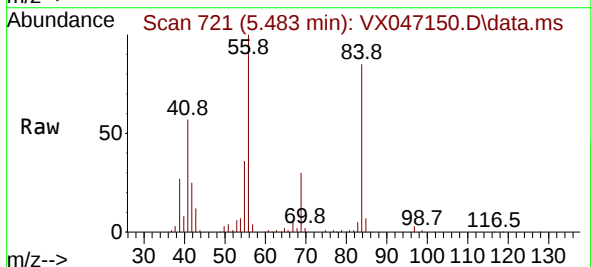
Manual Integrations
APPROVED

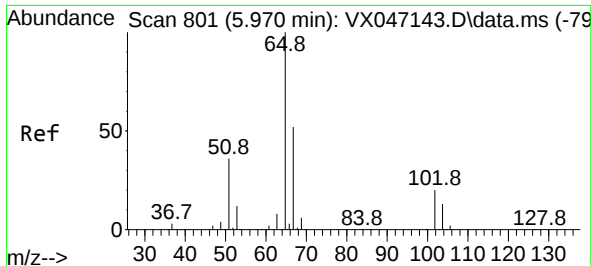
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#26
Cyclohexane
Concen: 17.321 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.006 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Tgt Ion: 56 Resp: 121928
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.4 67.9 101.9





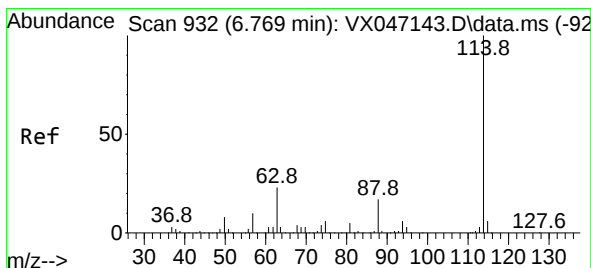
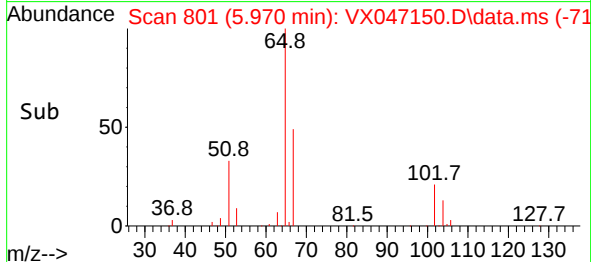
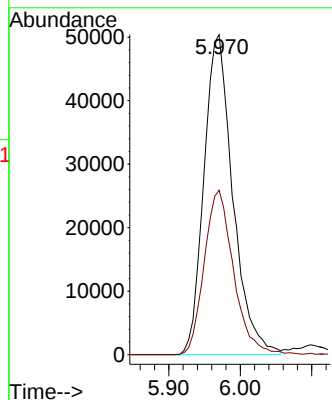
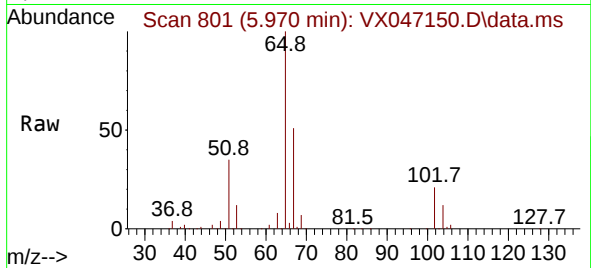
#27
1,2-Dichloroethane-d4
Concen: 30.016 ug/l
RT: 5.970 min Scan# 801
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525

Tgt Ion: 65 Resp: 14141
Ion Ratio Lower Upper
65 100
67 51.8 40.7 61.1

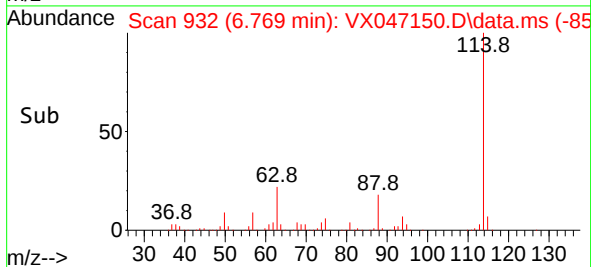
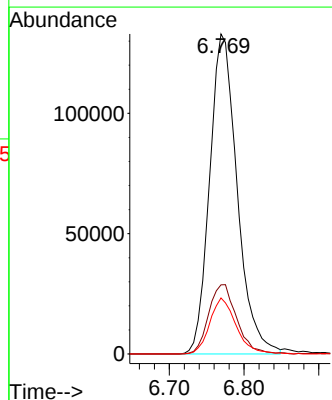
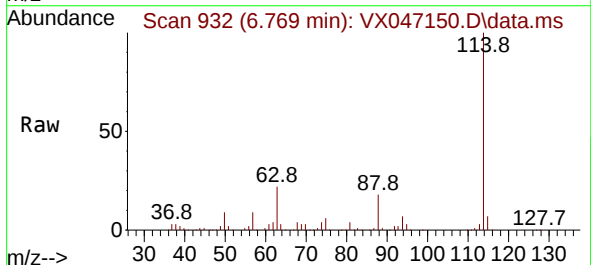
Manual Integrations
APPROVED

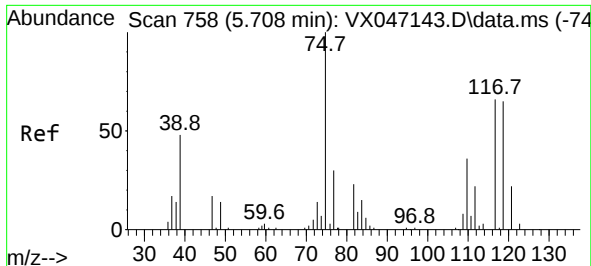
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Tgt Ion:114 Resp: 340632
Ion Ratio Lower Upper
114 100
63 22.0 17.4 26.0
88 16.7 13.0 19.6





#29

1,1-Dichloropropene

Concen: 18.014 ug/l

RT: 5.708 min Scan# 75

Delta R.T. -0.000 min

Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072525

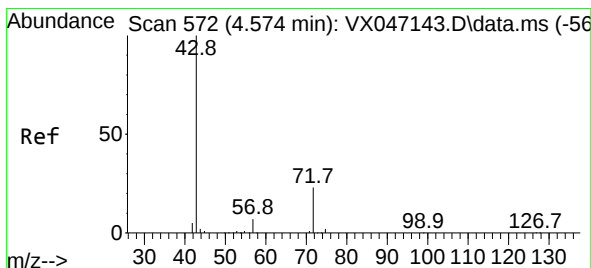
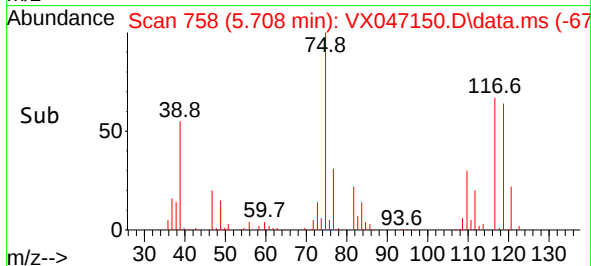
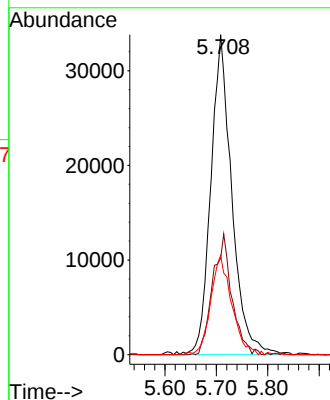
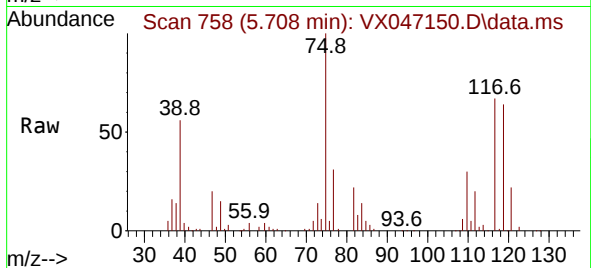
Tgt Ion:	75	Resp:	95569
Ion Ratio	Lower	Upper	
75	100		
110	20.9	0.0	70.8
77	30.7	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#30

2-Butanone

Concen: 88.401 ug/l

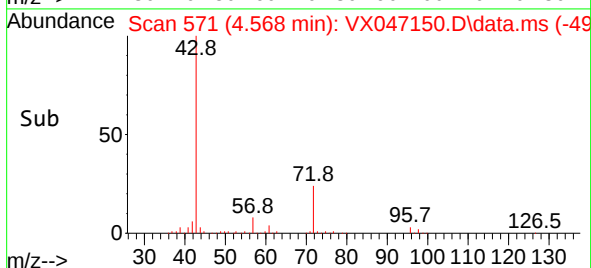
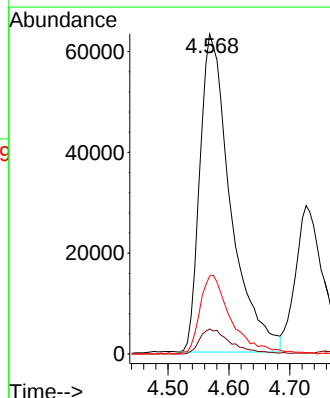
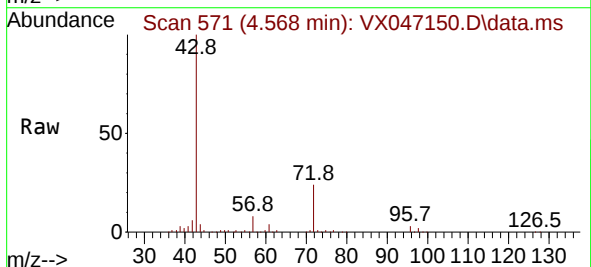
RT: 4.568 min Scan# 571

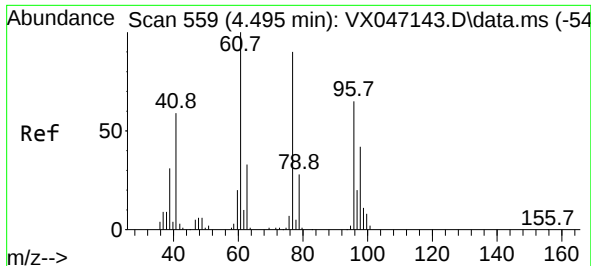
Delta R.T. -0.006 min

Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

Tgt Ion:	43	Resp:	221523
Ion Ratio	Lower	Upper	
43	100		
57	7.7	5.9	8.9
72	23.7	20.2	30.2





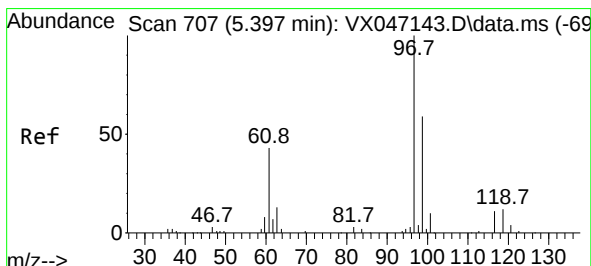
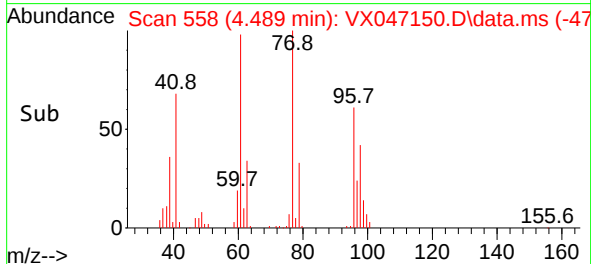
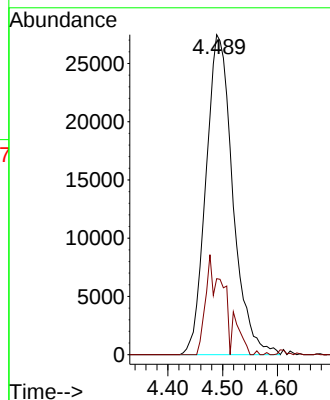
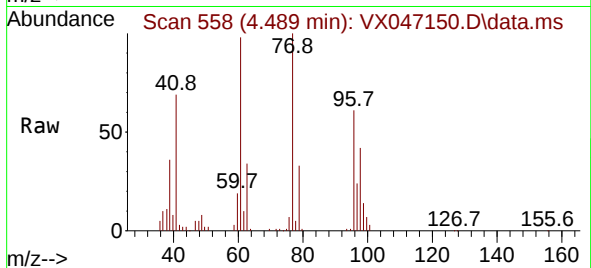
#31
2,2-Dichloropropane
Concen: 16.406 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525

Tgt Ion: 77 Resp: 9349
Ion Ratio Lower Upper
77 100
97 7.3 14.5 21.7

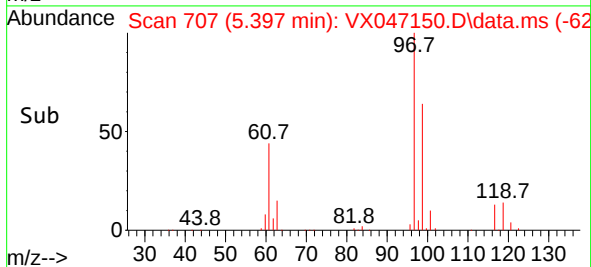
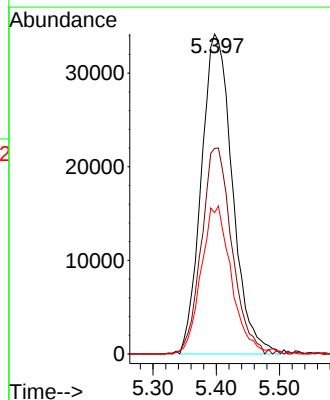
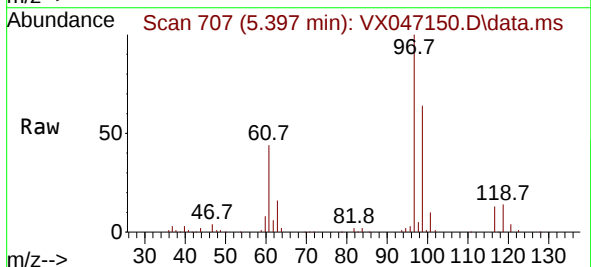
Manual Integrations
APPROVED

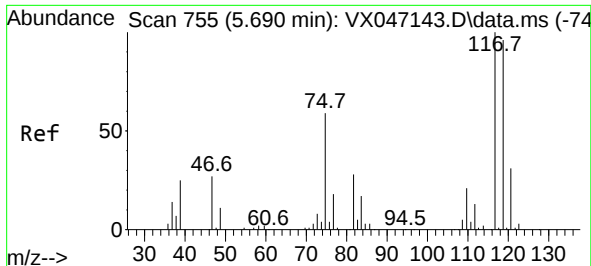
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#32
1,1,1-Trichloroethane
Concen: 17.790 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

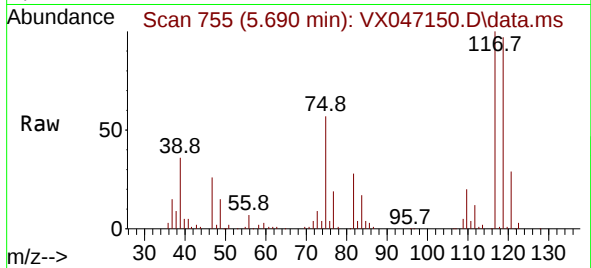
Tgt Ion: 97 Resp: 116874
Ion Ratio Lower Upper
97 100
99 63.0 30.0 45.0#
61 44.8 36.1 54.1





#33
Carbon Tetrachloride
Concen: 14.705 ug/l m
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

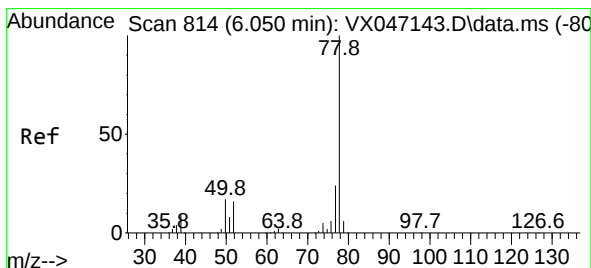
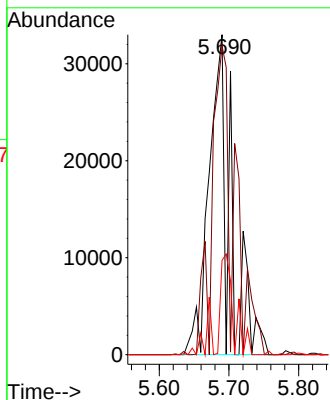
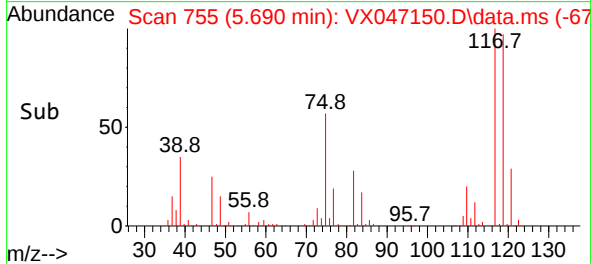
Instrument :
MSVOA_X
ClientSampleId :
ICVX072525



Tgt Ion:117 Resp: 68310
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7
121 29.1 0.5 0.7

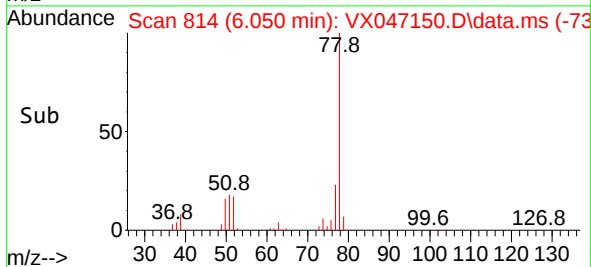
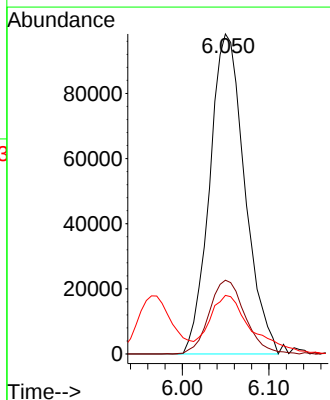
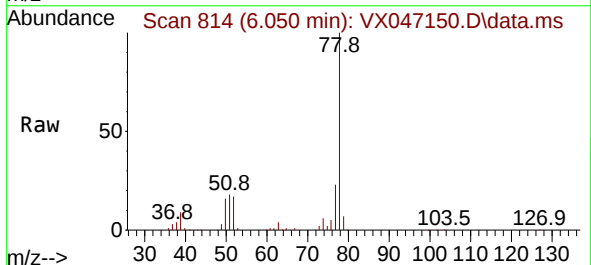
Manual Integrations
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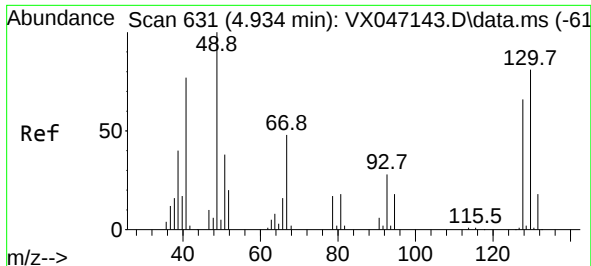
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#34
Benzene
Concen: 17.626 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Tgt Ion: 78 Resp: 276077
Ion Ratio Lower Upper
78 100
77 21.1 17.6 26.4
51 14.1 13.8 20.6





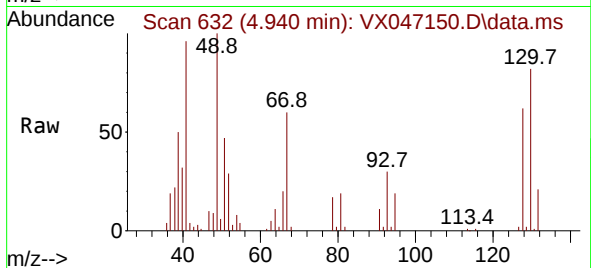
#35
Methacrylonitrile
Concen: 18.657 ug/l
RT: 4.940 min Scan# 631
Delta R.T. 0.006 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072525



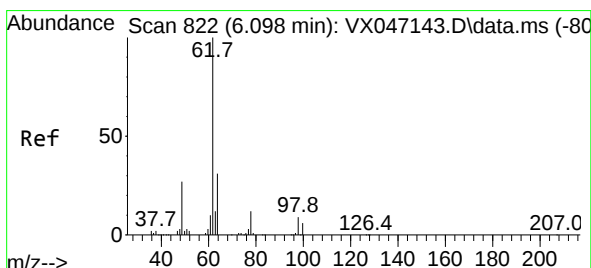
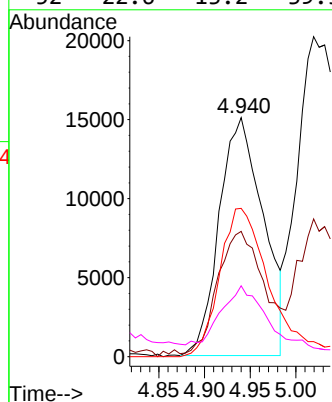
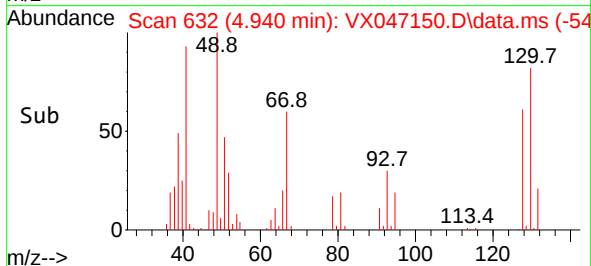
Tgt Ion: 41 Resp: 50540
Ion Ratio Lower Upper
41 100
39 41.9 26.2 78.5
67 62.3 31.4 94.3
52 22.6 13.2 39.5

Manual Integrations

APPROVED

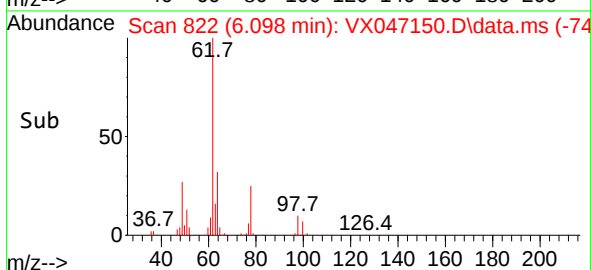
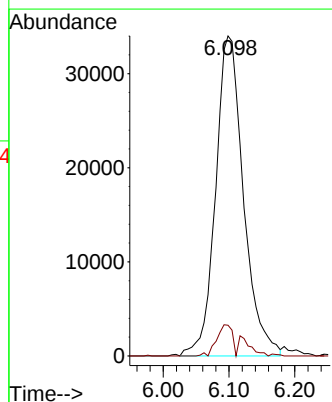
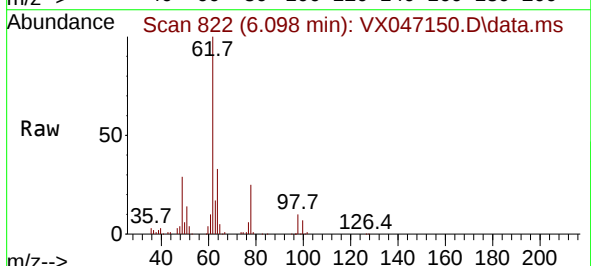
Reviewed By :John Carlone 07/28/2025

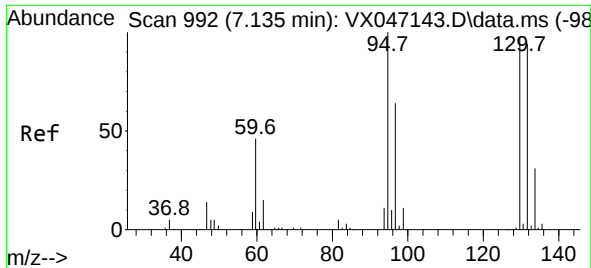
Supervised By :Mahesh Dadoda 07/28/2025



#36
1,2-Dichloroethane
Concen: 17.745 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

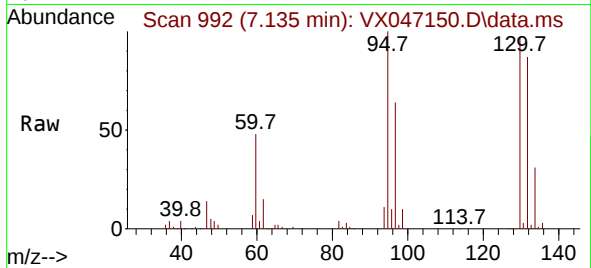
Tgt Ion: 62 Resp: 100441
Ion Ratio Lower Upper
62 100
98 5.3 6.7 10.1#





#37
Trichloroethene
Concen: 17.573 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

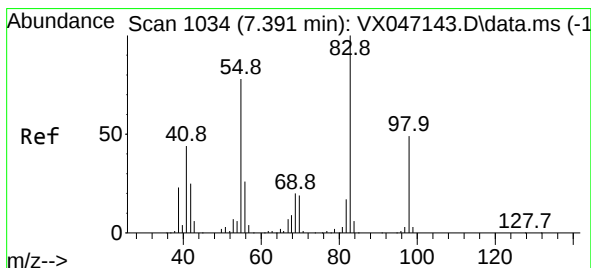
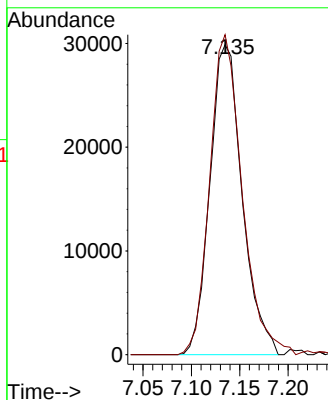
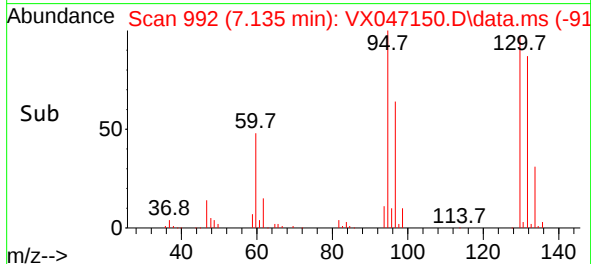
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



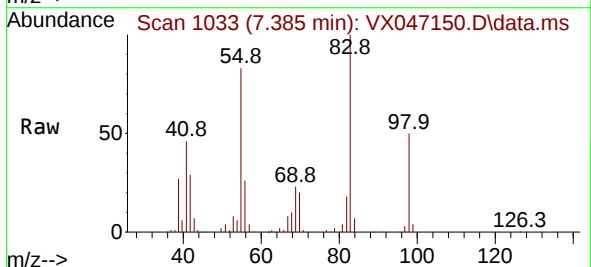
Tgt Ion:130 Resp: 69260
Ion Ratio Lower Upper
130 100
95 99.9 79.4 119.2

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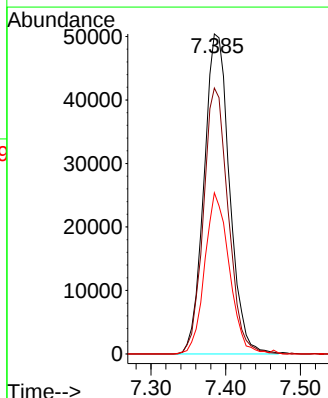
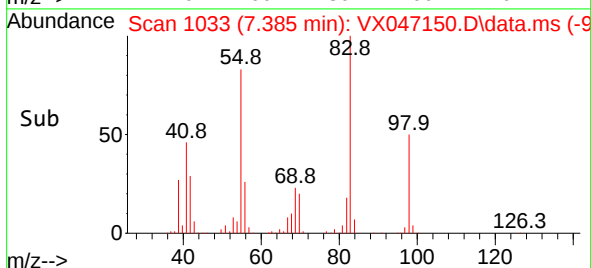
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

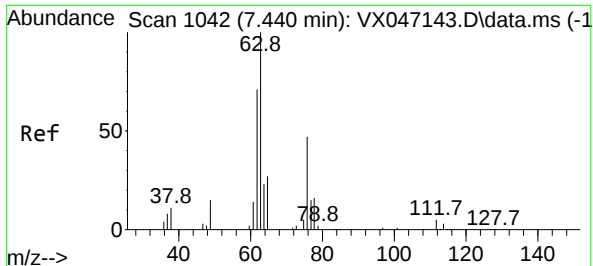


#38
Methylcyclohexane
Concen: 17.506 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10



Tgt Ion: 83 Resp: 119733
Ion Ratio Lower Upper
83 100
55 80.8 40.3 120.8
98 48.4 24.3 72.9





#39

1,2-Dichloropropane

Concen: 17.439 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072525

Tgt Ion: 63 Resp: 7004

Ion Ratio Lower Upper

63 100

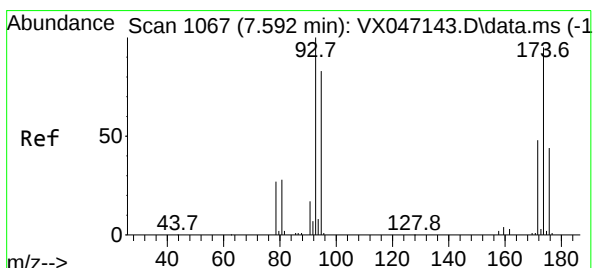
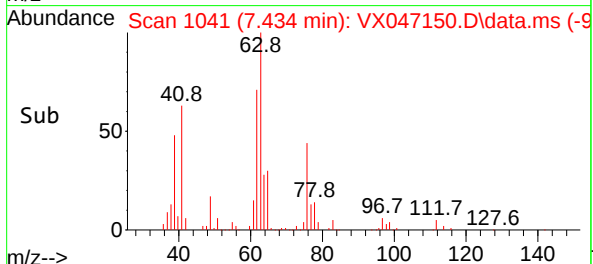
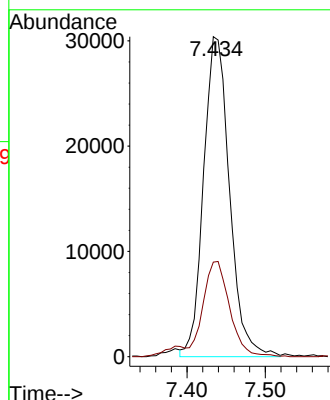
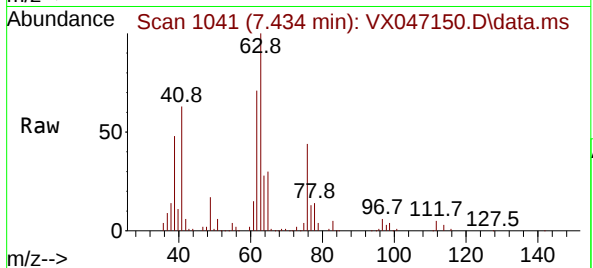
65 23.9 19.8 29.6

Manual Integrations

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Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#40

Dibromomethane

Concen: 18.960 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

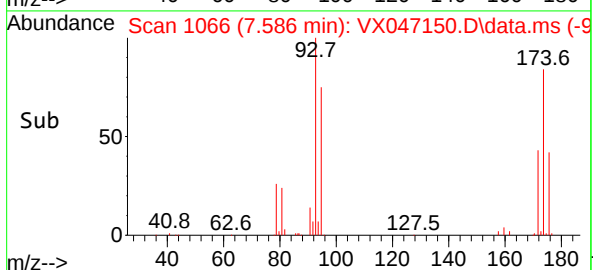
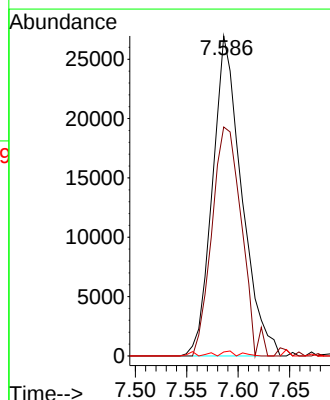
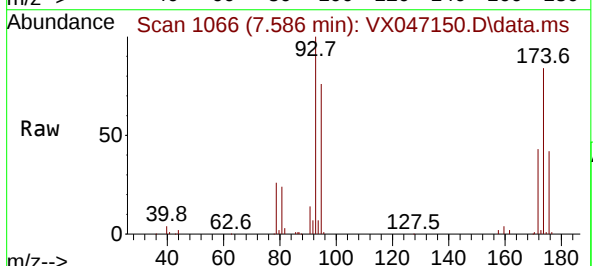
Tgt Ion: 93 Resp: 53163

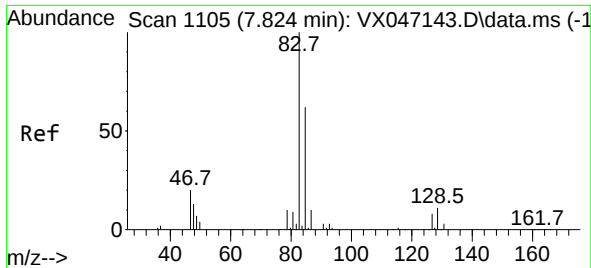
Ion Ratio Lower Upper

93 100

95 70.6 0.0 166.2

174 0.5 0.0 26.4





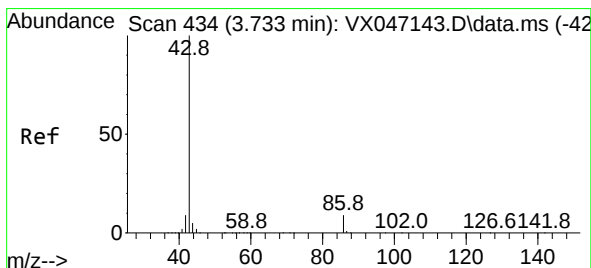
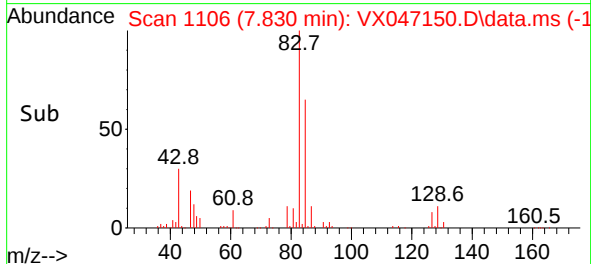
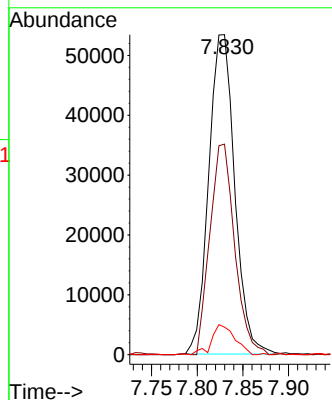
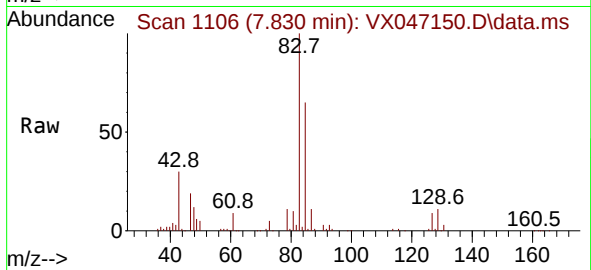
#41
Bromodichloromethane
Concen: 18.039 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Instrument : MSVOA_X
ClientSampleId : ICVVX072525

Tgt Ion: 83 Resp: 105738
Ion Ratio Lower Upper
83 100
85 64.5 47.2 70.8
127 9.4 7.1 10.7

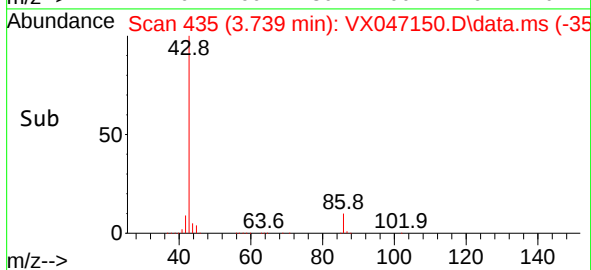
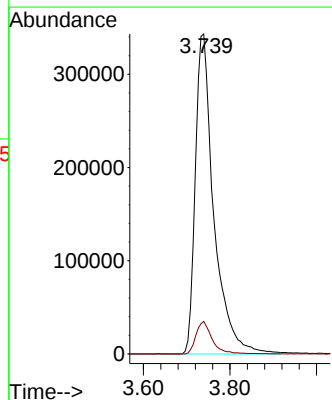
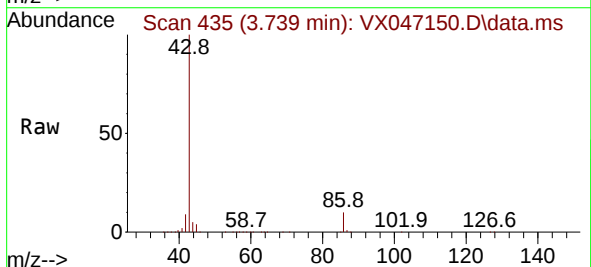
Manual Integrations
APPROVED

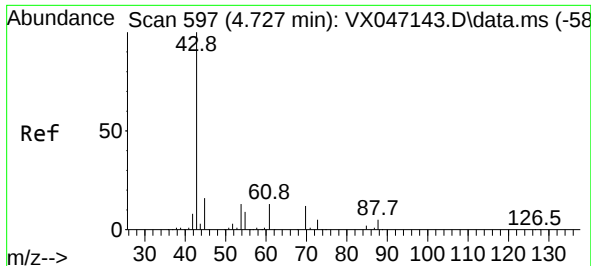
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#42
Vinyl Acetate
Concen: 88.222 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.006 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

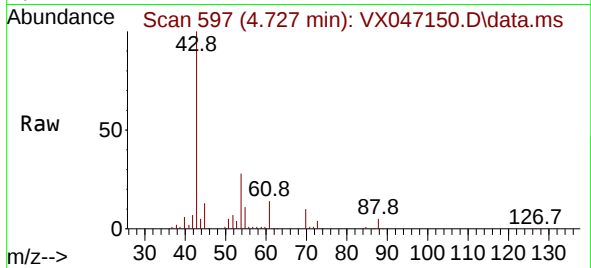
Tgt Ion: 43 Resp: 1016305
Ion Ratio Lower Upper
43 100
86 8.7 6.9 10.3





#43
Ethyl Acetate
Concen: 15.194 ug/l
RT: 4.727 min Scan# 597
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

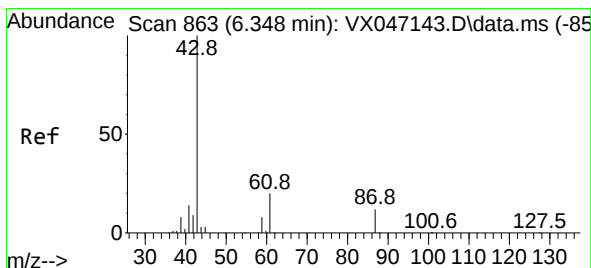
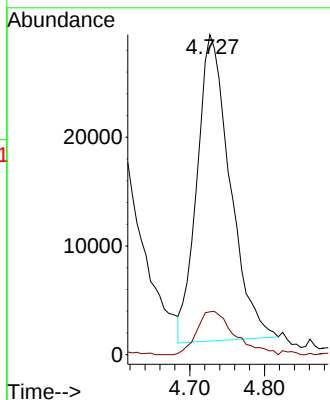
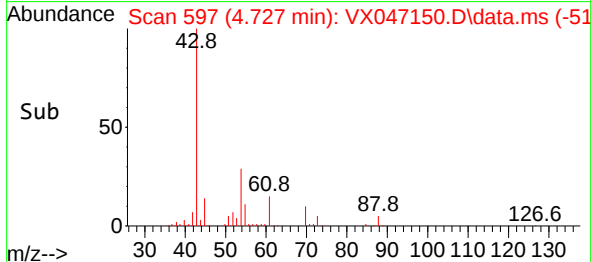
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



Tgt Ion: 43 Resp: 86325
Ion Ratio Lower Upper
43 100
45 16.1 10.6 16.0

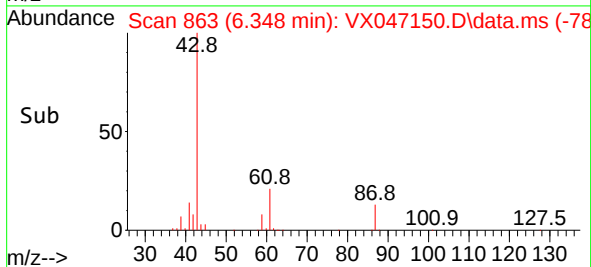
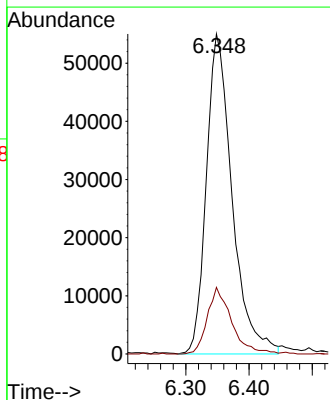
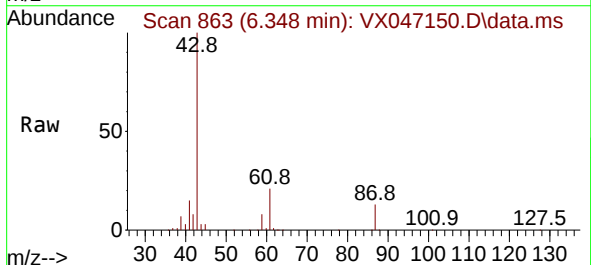
Manual Integrations
APPROVED

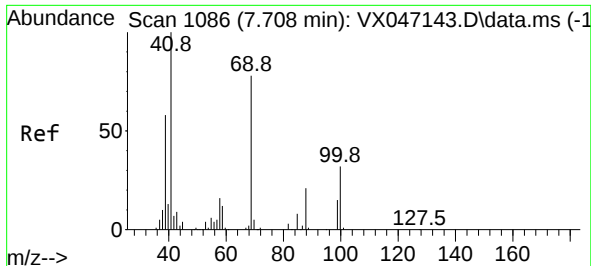
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#44
Isopropyl Acetate
Concen: 17.317 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Tgt Ion: 43 Resp: 155680
Ion Ratio Lower Upper
43 100
61 19.2 14.7 22.1





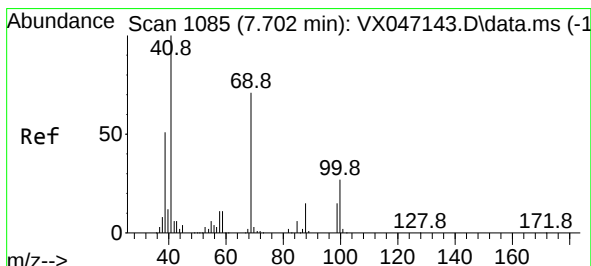
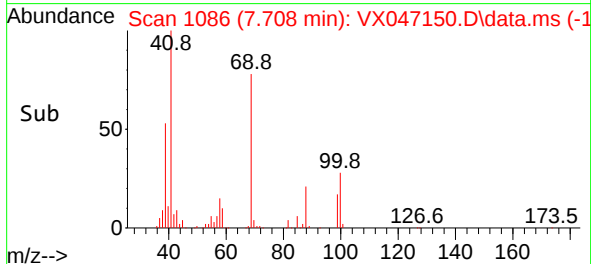
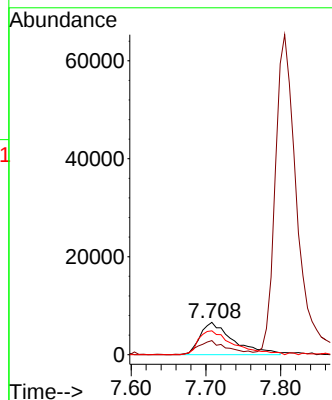
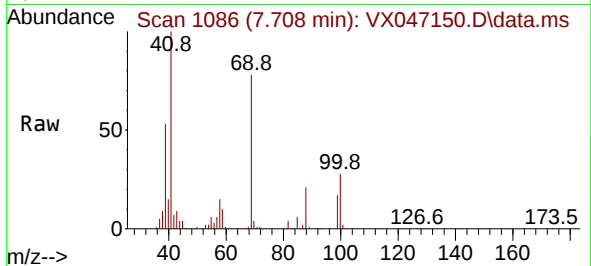
#45
1,4-Dioxane
Concen: 365.688 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525

Tgt Ion: 88 Resp: 2033
Ion Ratio Lower Upper
88 100
43 39.3 30.2 45.2
58 75.9 33.3 49.9

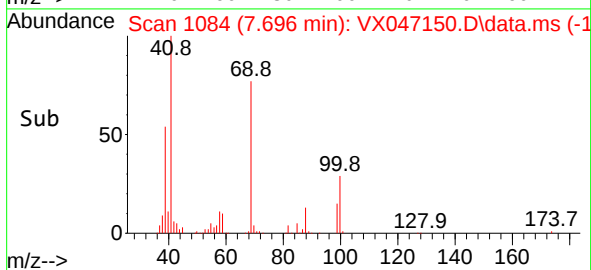
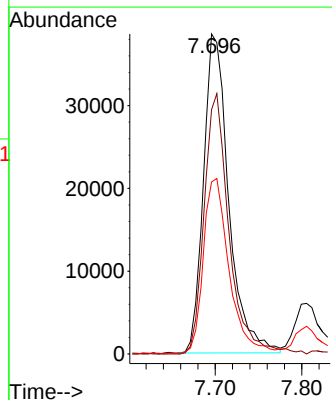
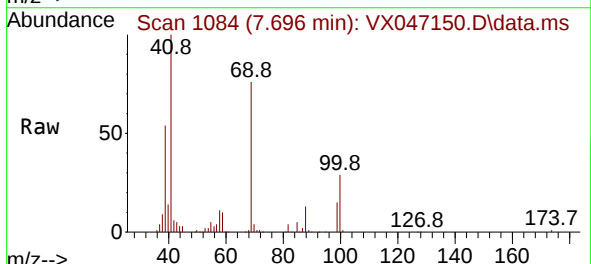
Manual Integrations
APPROVED

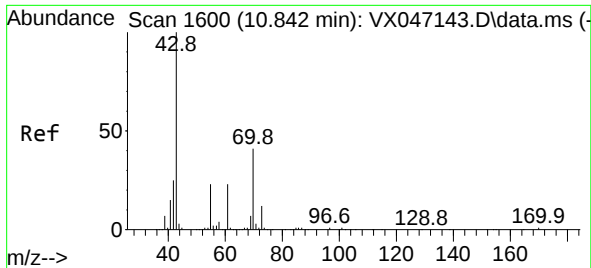
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#46
Methyl methacrylate
Concen: 16.919 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

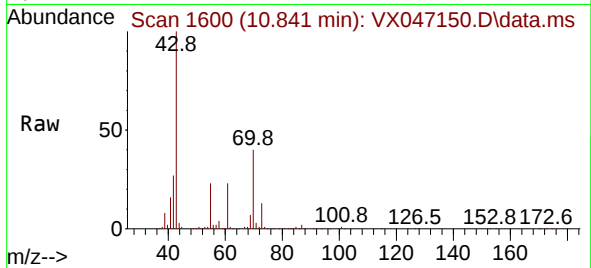
Tgt Ion: 41 Resp: 78054
Ion Ratio Lower Upper
41 100
69 76.6 35.8 107.3
39 52.4 24.4 73.4





#47
n-amy1 Acetate
Concen: 17.493 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

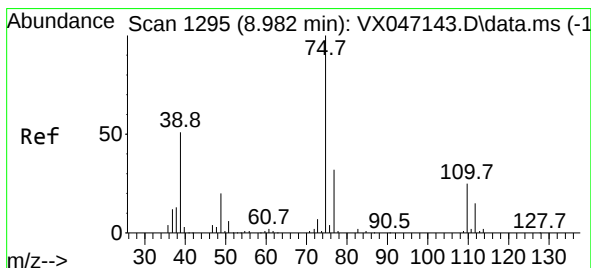
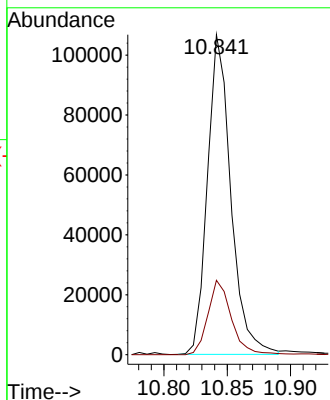
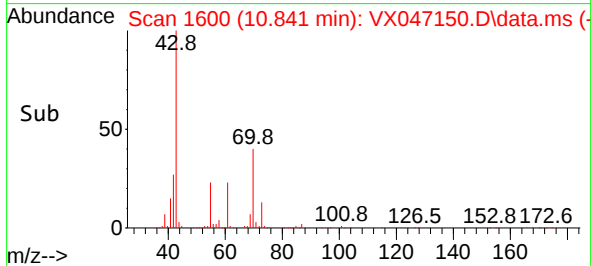
Instrument : MSVOA_X
ClientSampleId : ICVVX072525



Tgt Ion: 43 Resp: 137512
Ion Ratio Lower Upper
43 100
55 23.3 18.4 27.6

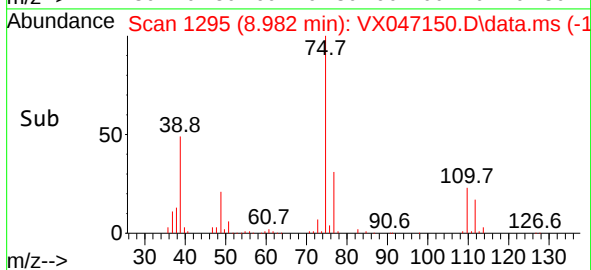
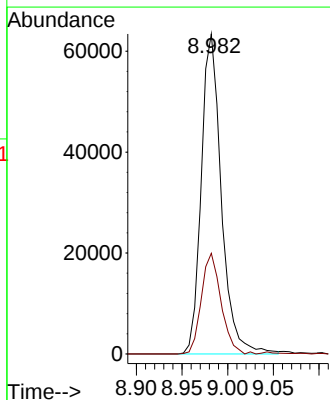
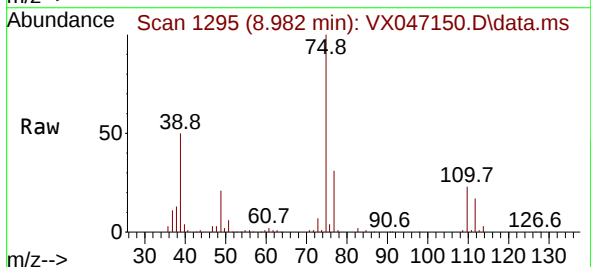
Manual Integrations
APPROVED

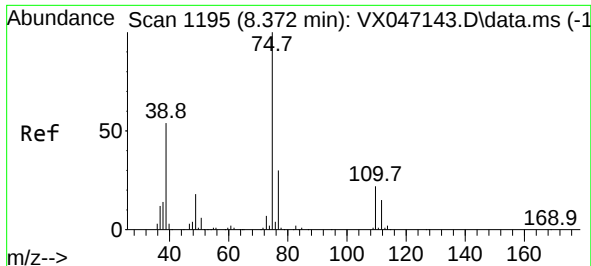
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#48
t-1,3-Dichloropropene
Concen: 17.097 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Tgt Ion: 75 Resp: 96858
Ion Ratio Lower Upper
75 100
77 30.4 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 17.244 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

Instrument :

MSVOA_X

ClientSampleId :

ICVX072525

Tgt Ion: 75 Resp: 106859

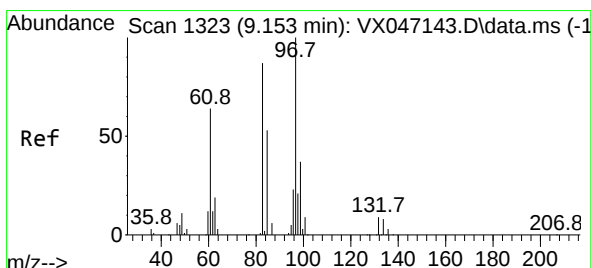
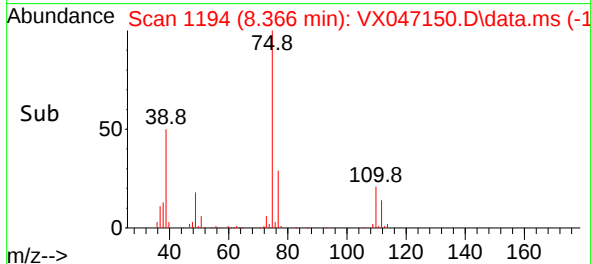
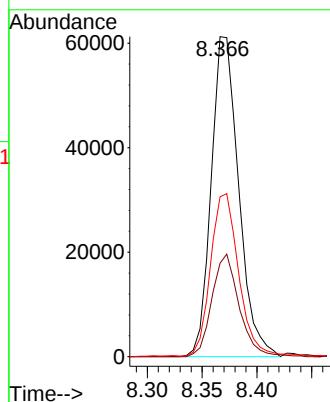
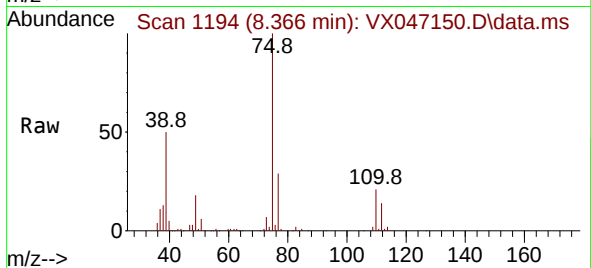
Ion	Ratio	Lower	Upper
75	100		
77	29.2	25.1	37.7
39	46.6	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#50

1,1,2-Trichloroethane

Concen: 17.856 ug/l

RT: 9.153 min Scan# 1323

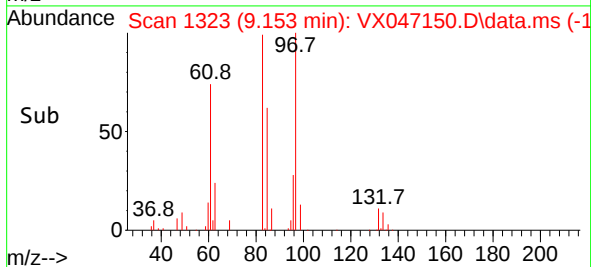
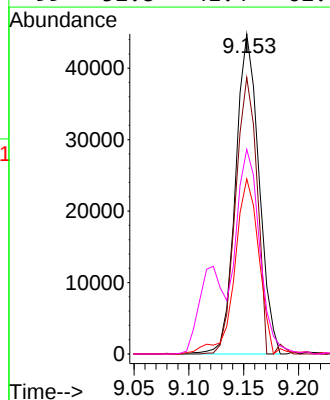
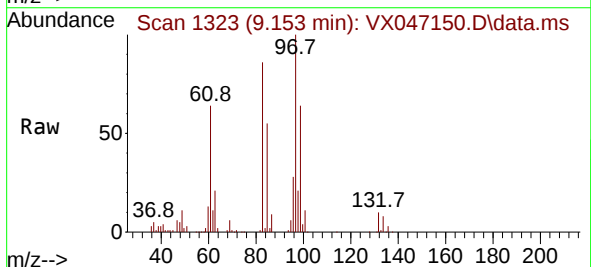
Delta R.T. -0.000 min

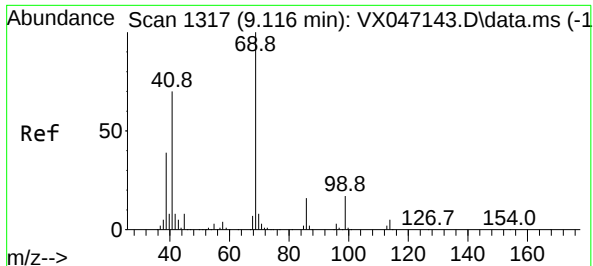
Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

Tgt Ion: 97 Resp: 66513

Ion	Ratio	Lower	Upper
97	100		
83	71.6	58.3	87.5
85	45.3	36.5	54.7
99	52.8	41.4	62.0





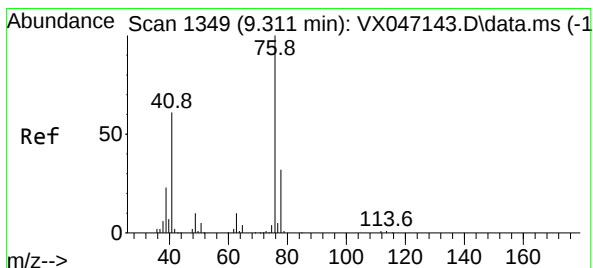
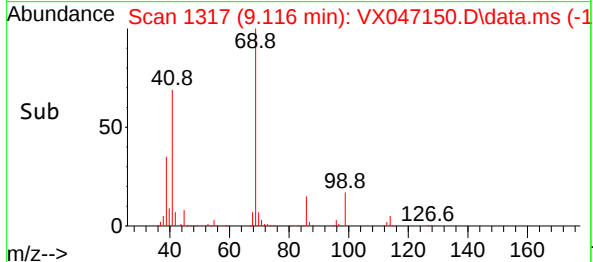
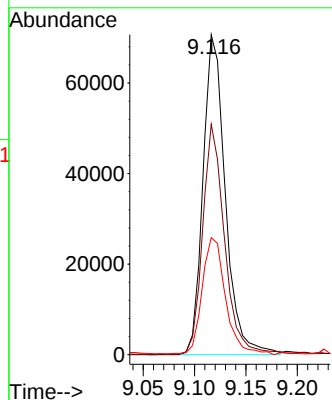
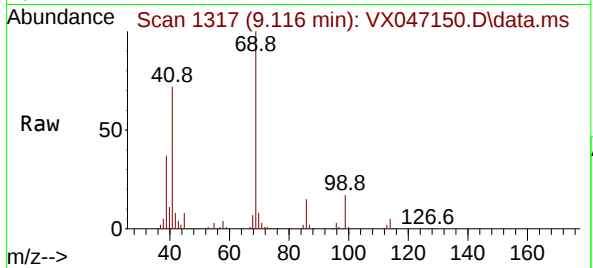
#51
Ethyl methacrylate
Concen: 17.621 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525

Tgt Ion: 69 Resp: 107012
Ion Ratio Lower Upper
69 100
41 71.8 35.0 105.1
39 34.9 19.5 58.5

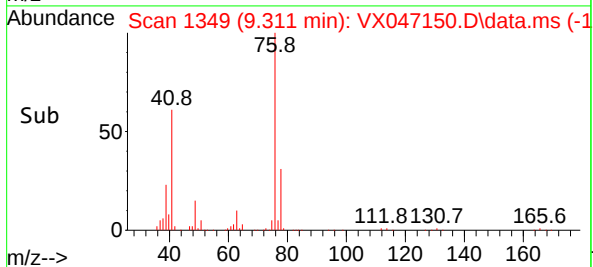
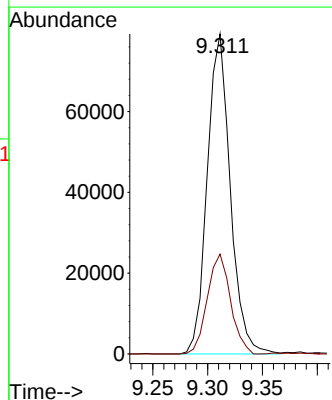
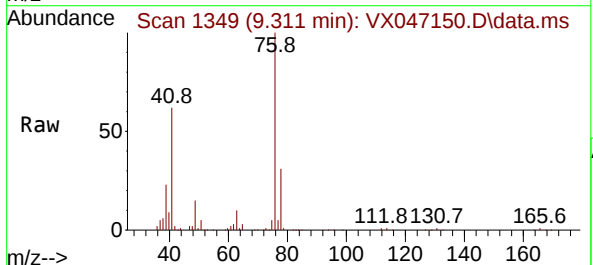
Manual Integrations
APPROVED

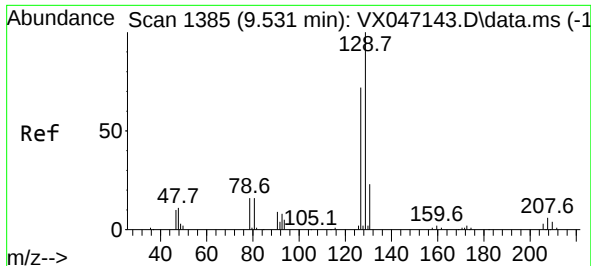
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#52
1,3-Dichloropropane
Concen: 17.928 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

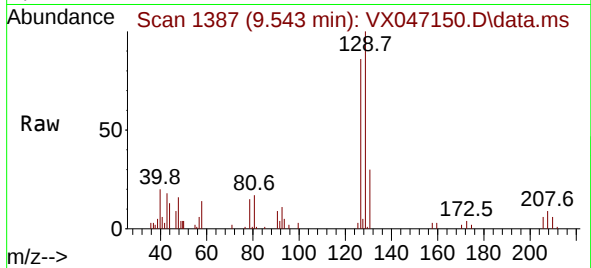
Tgt Ion: 76 Resp: 115855
Ion Ratio Lower Upper
76 100
78 31.4 0.0 63.6





#53
Dibromochloromethane
Concen: 2.010 ug/l m
RT: 9.543 min Scan# 1387
Delta R.T. 0.012 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

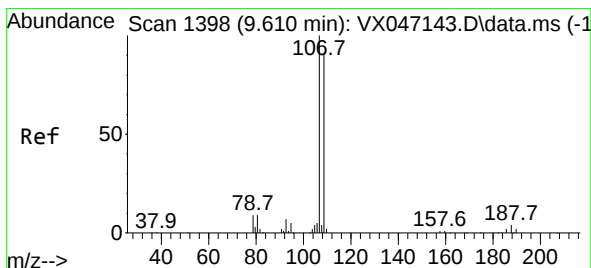
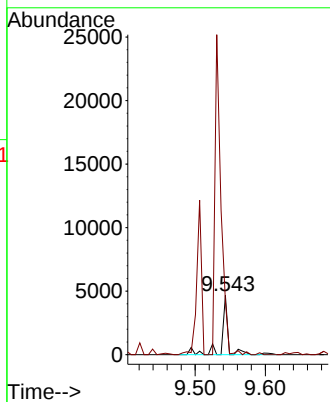
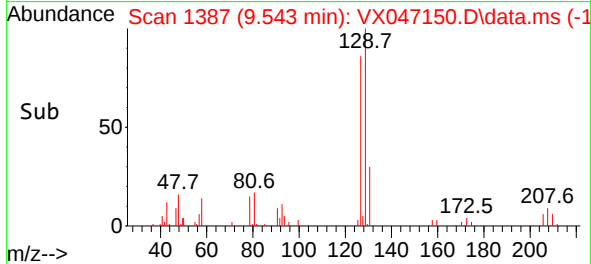
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



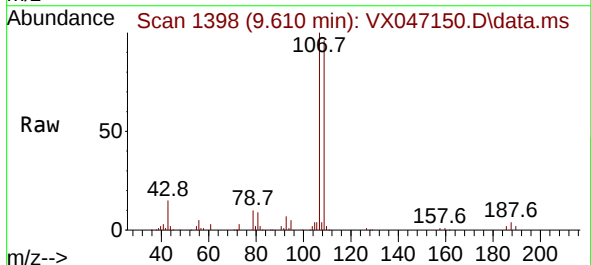
Tgt Ion:129 Resp: 2748
Ion Ratio Lower Upper
129 100
127 4.1 125.0 374.9

Manual Integrations
APPROVED

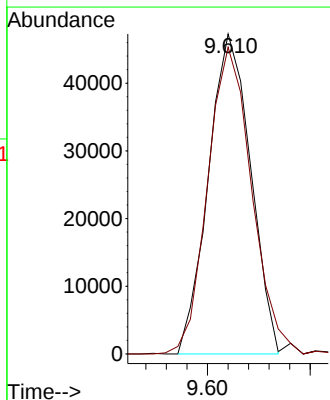
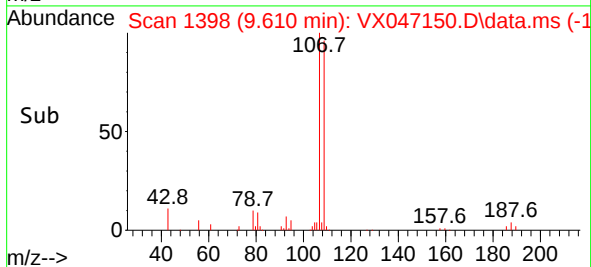
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

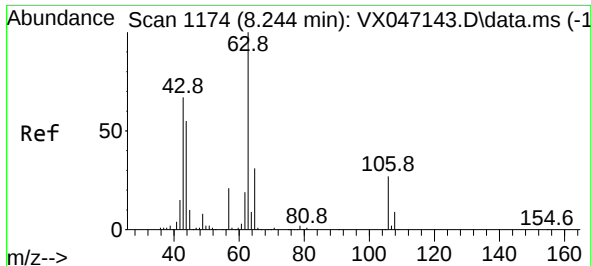


#54
1,2-Dibromoethane
Concen: 17.260 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10



Tgt Ion:107 Resp: 67308
Ion Ratio Lower Upper
107 100
109 99.9 74.0 111.0





#55

2-Chloroethyl vinyl ether

Concen: 88.340 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

Instrument :

MSVOA_X

ClientSampleId :

ICVX072525

Tgt Ion: 63 Resp: 261608

Ion Ratio Lower Upper

63 100

65 33.0 25.8 38.6

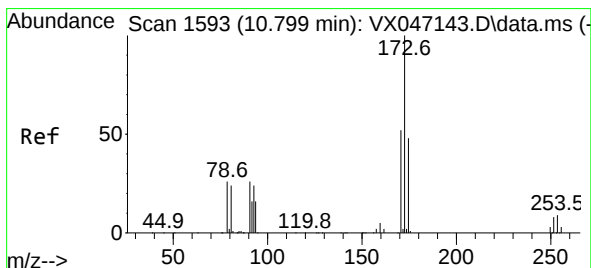
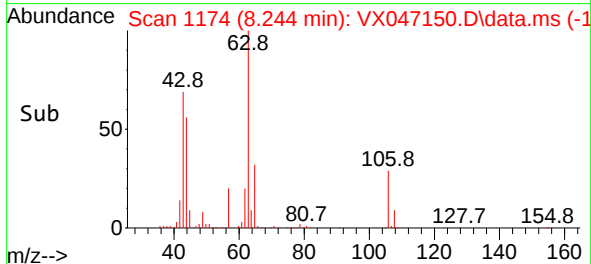
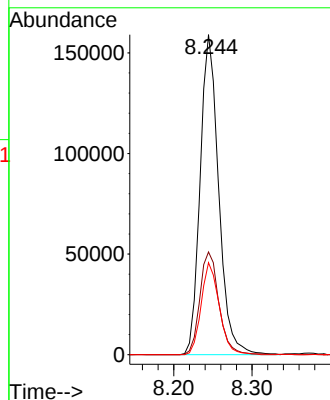
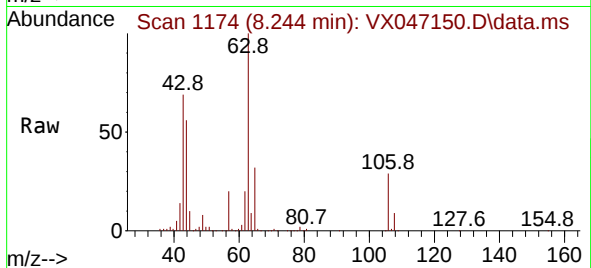
106 27.9 22.1 33.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#56

Bromoform

Concen: 204.727 ug/l m

RT: 10.793 min Scan# 1592

Delta R.T. -0.006 min

Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

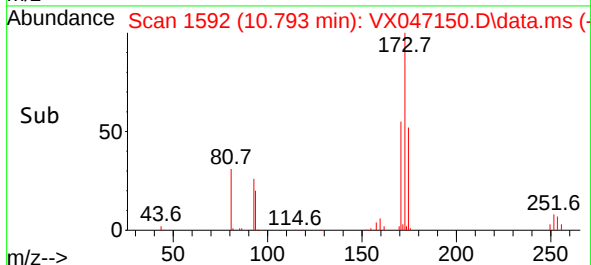
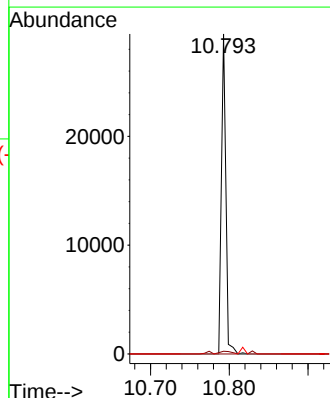
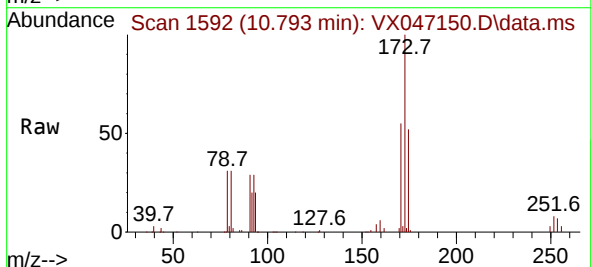
Tgt Ion:173 Resp: 11347

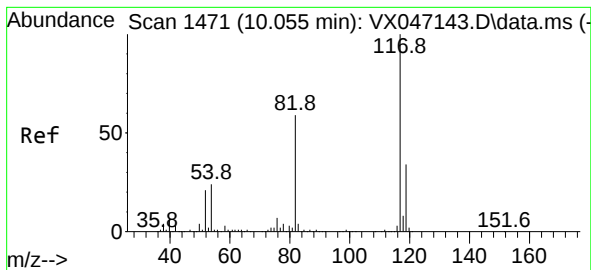
Ion Ratio Lower Upper

173 100

175 2.3 2.6 3.8#

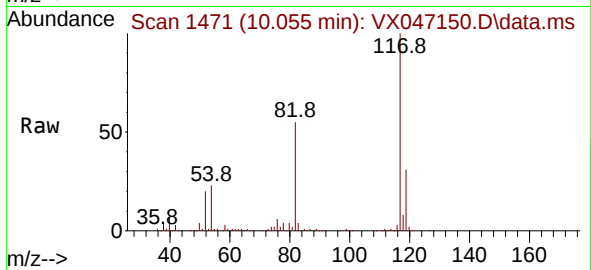
254 0.0 2.2 3.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

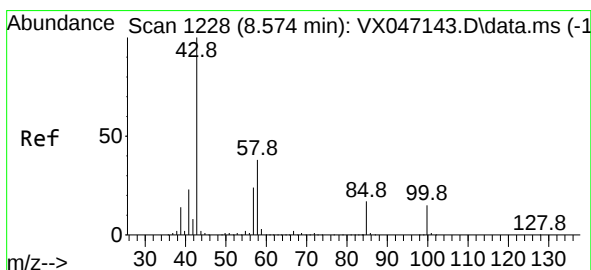
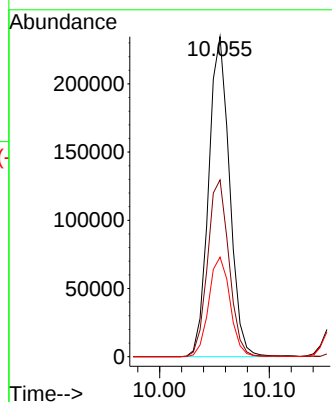
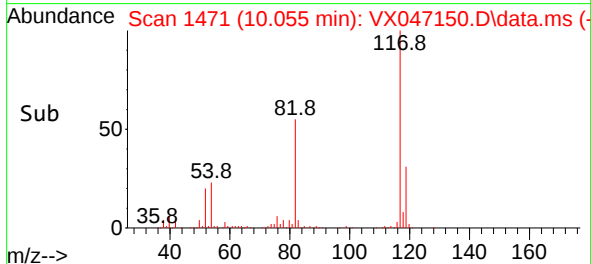
Instrument :
MSVOA_X
ClientSampleId :
ICVX072525



Tgt Ion: 117 Resp: 311099
Ion Ratio Lower Upper
117 100
82 56.7 46.0 69.0
119 31.7 25.8 38.8

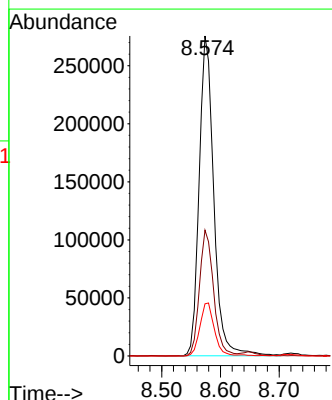
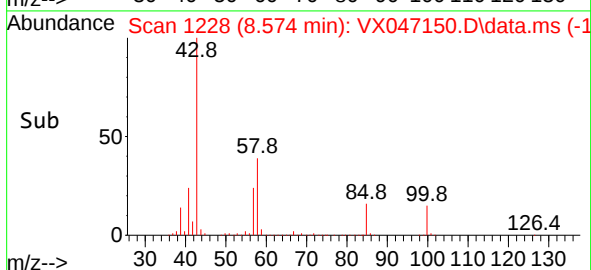
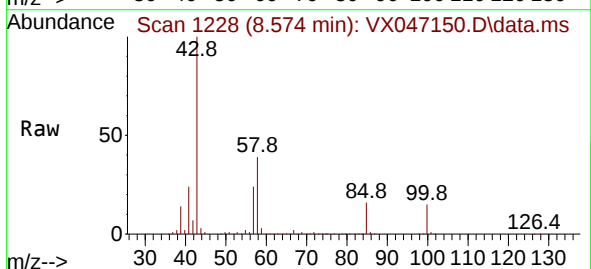
Manual Integrations
APPROVED

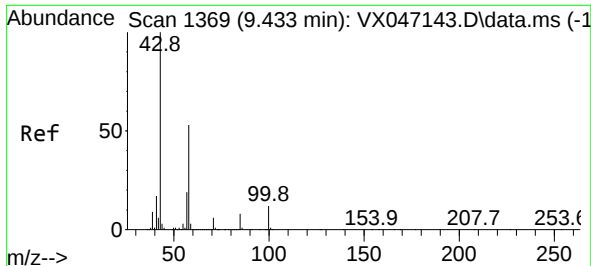
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#58
4-Methyl-2-Pentanone
Concen: 88.010 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

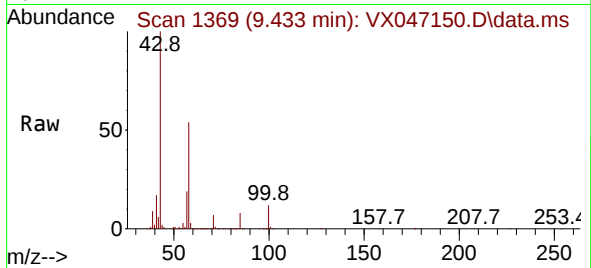
Tgt Ion: 43 Resp: 477725
Ion Ratio Lower Upper
43 100
58 38.0 30.6 45.8
85 16.3 13.4 20.2





#59
2-Hexanone
Concen: 87.539 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

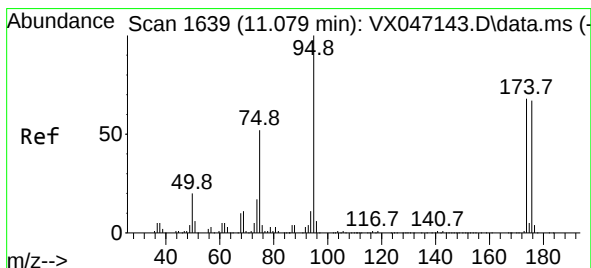
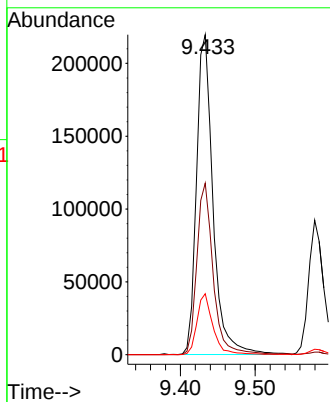
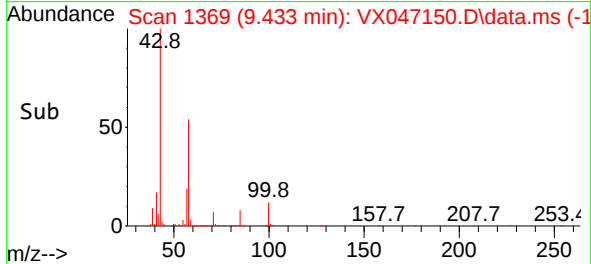
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



Tgt Ion: 43 Resp: 33613
Ion Ratio Lower Upper
43 100
58 52.8 42.0 63.0
57 18.5 14.6 21.8

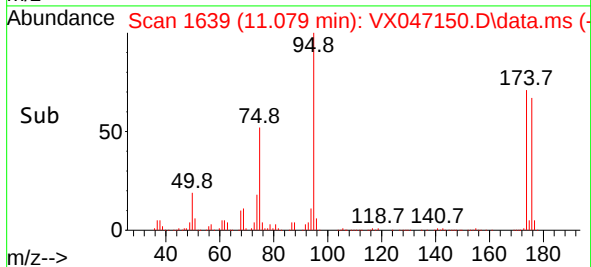
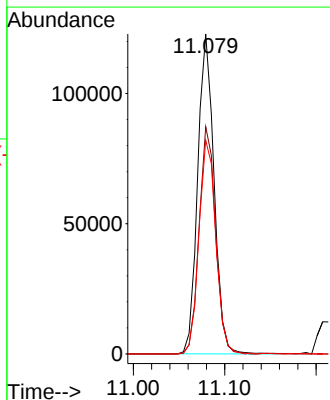
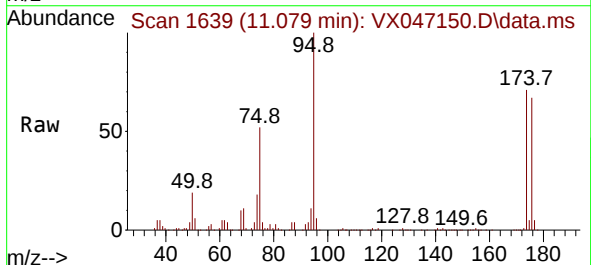
Manual Integrations
APPROVED

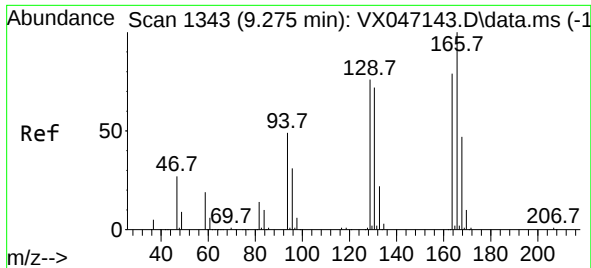
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#60
4-Bromofluorobenzene
Concen: 30.060 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

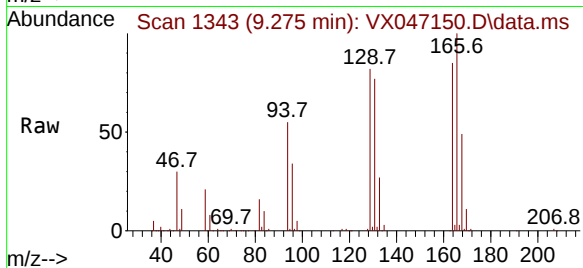
Tgt Ion: 95 Resp: 152380
Ion Ratio Lower Upper
95 100
174 71.6 57.5 86.3
176 68.6 56.4 84.6





#61
Tetrachloroethene
Concen: 17.110 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

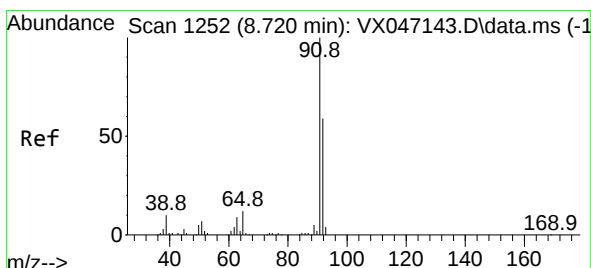
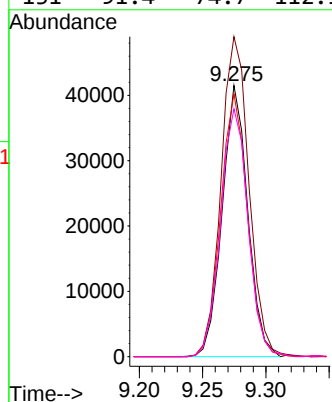
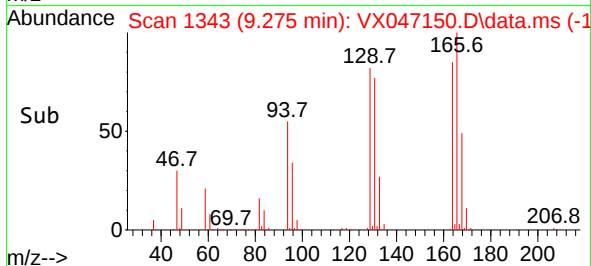
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



Tgt Ion:164 Resp: 58284
Ion Ratio Lower Upper
164 100
166 118.0 101.0 151.4
129 96.9 78.6 117.8
131 91.4 74.7 112.1

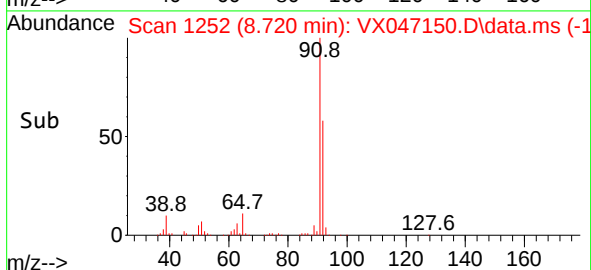
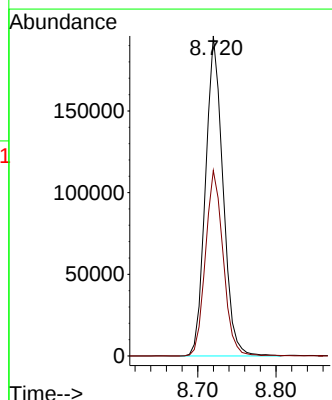
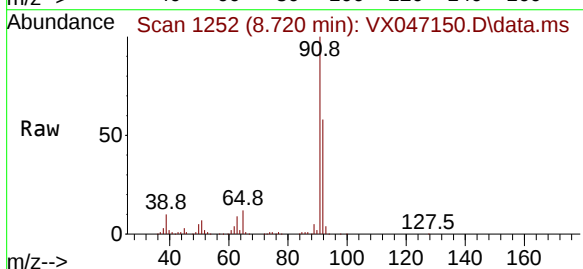
Manual Integrations
APPROVED

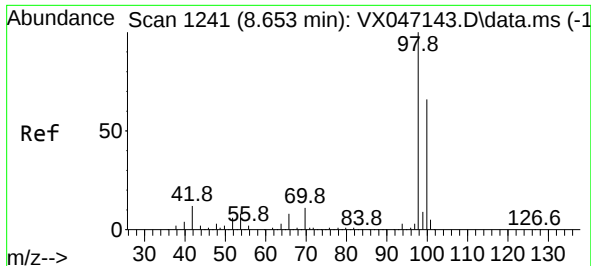
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#62
Toluene
Concen: 17.421 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

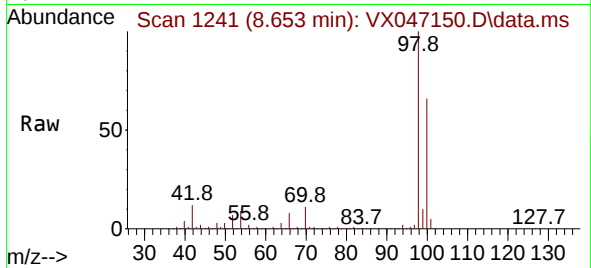
Tgt Ion: 91 Resp: 303074
Ion Ratio Lower Upper
91 100
92 58.6 46.6 69.8





#63
Toluene-d8
Concen: 29.792 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

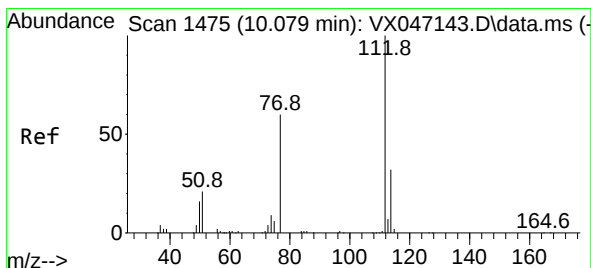
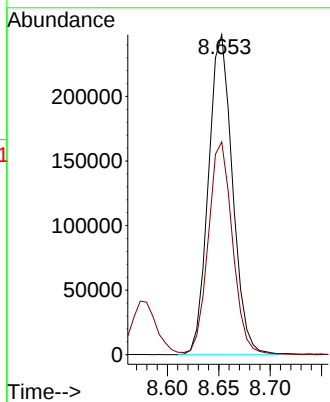
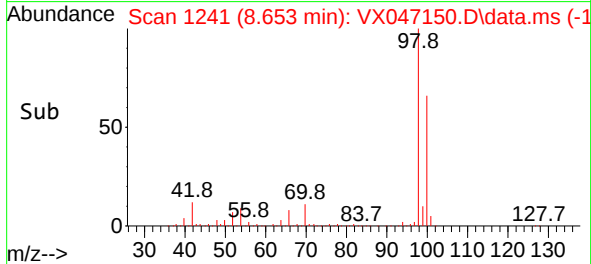
Instrument :
MSVOA_X
ClientSampleId :
ICVX072525



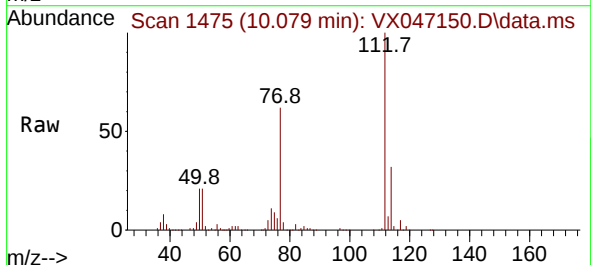
Tgt Ion: 98 Resp: 403679
Ion Ratio Lower Upper
98 100
100 67.0 52.9 79.3

Manual Integrations
APPROVED

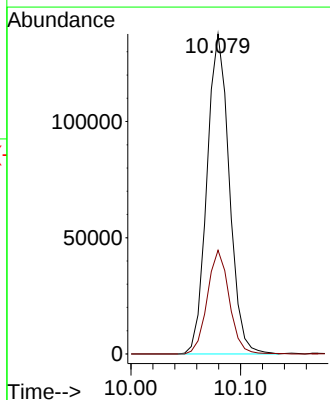
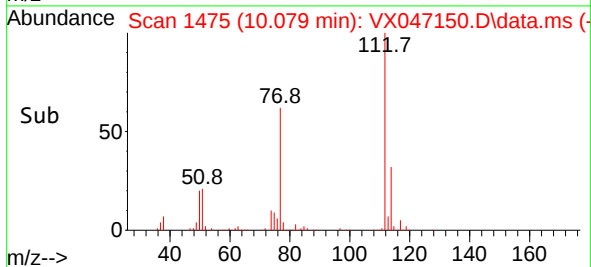
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

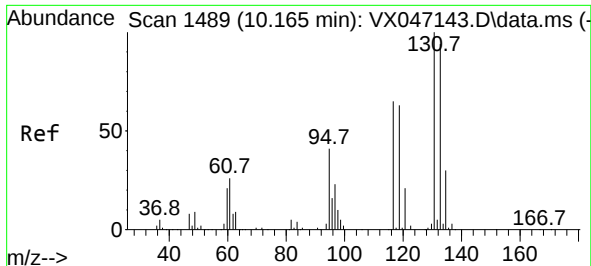


#64
Chlorobenzene
Concen: 17.443 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10



Tgt Ion:112 Resp: 194586
Ion Ratio Lower Upper
112 100
114 34.4 23.6 35.4





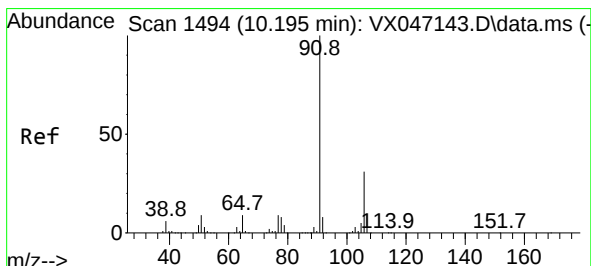
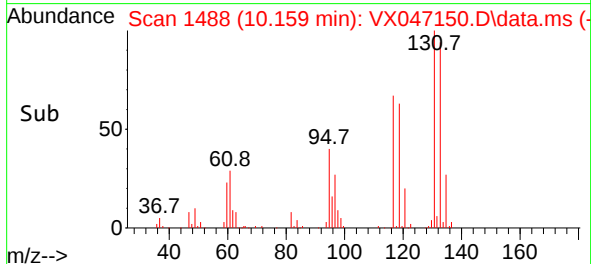
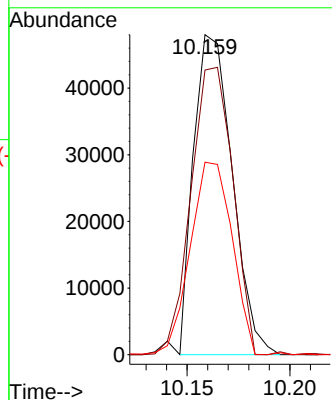
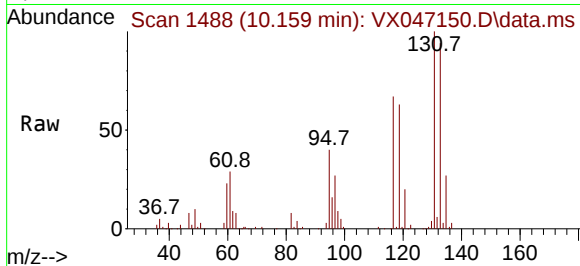
#65
1,1,1,2-Tetrachloroethane
Concen: 17.896 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525

Tgt Ion:131 Resp: 63110
Ion Ratio Lower Upper
131 100
133 97.0 0.0 188.2
119 64.8 0.0 101.8

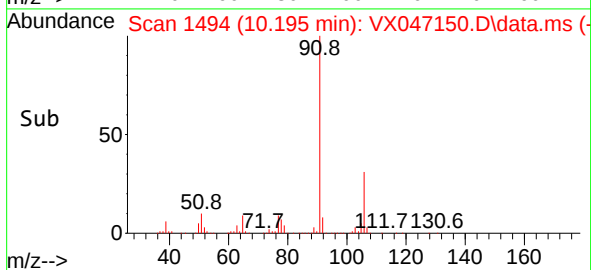
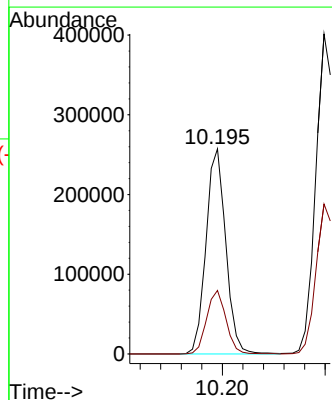
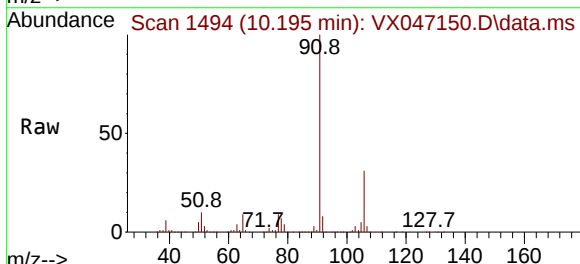
Manual Integrations
APPROVED

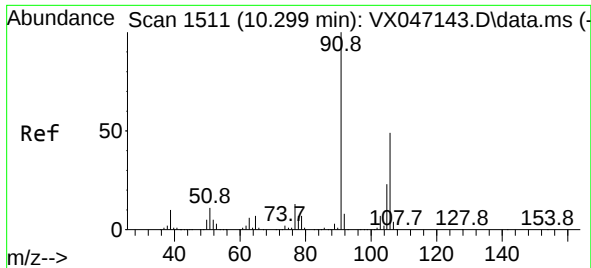
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#66
Ethyl Benzene
Concen: 17.233 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

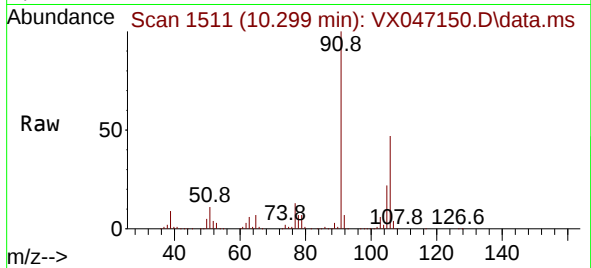
Tgt Ion: 91 Resp: 343038
Ion Ratio Lower Upper
91 100
106 31.0 25.1 37.7





#67
m/p-Xylenes
Concen: 34.537 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

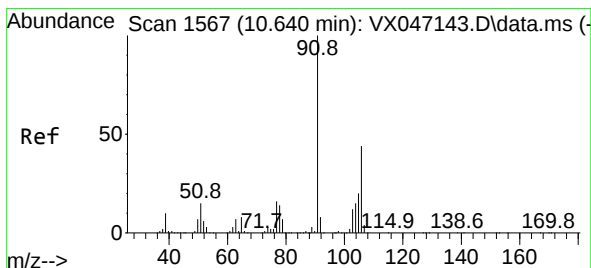
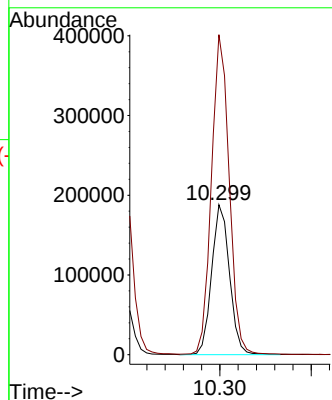
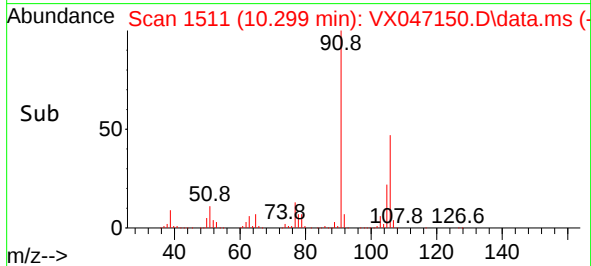
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



Tgt Ion:106 Resp: 254770
Ion Ratio Lower Upper
106 100
91 212.5 164.4 246.6

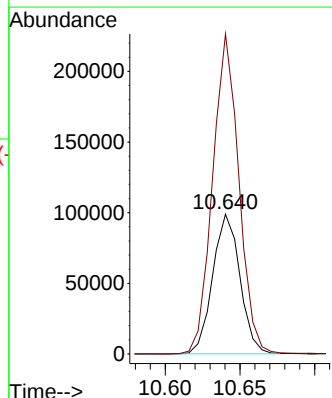
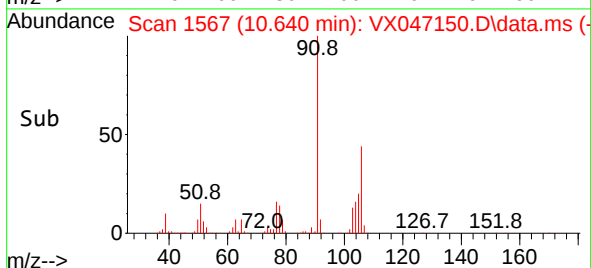
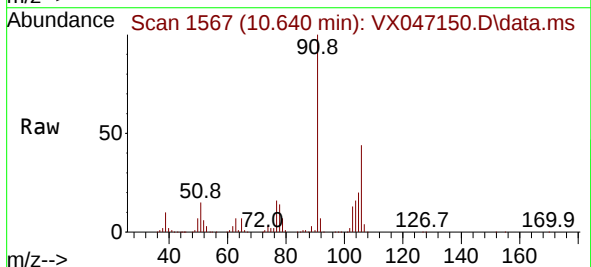
Manual Integrations
APPROVED

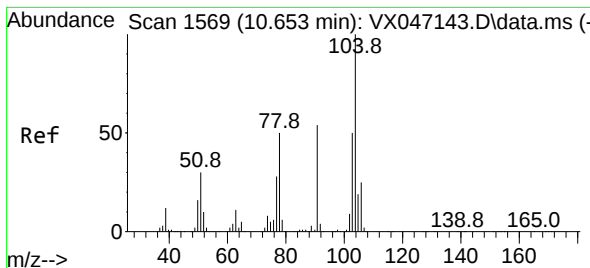
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#68
o-Xylene
Concen: 17.582 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Tgt Ion:106 Resp: 125083
Ion Ratio Lower Upper
106 100
91 219.5 111.3 333.8





#69

Styrene

Concen: 17.052 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072525

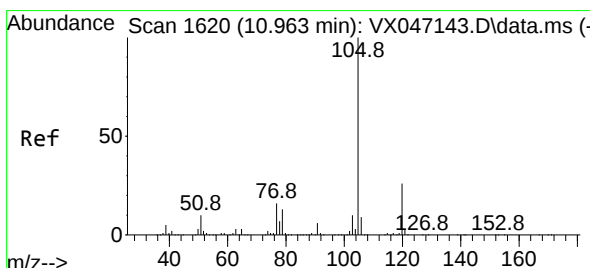
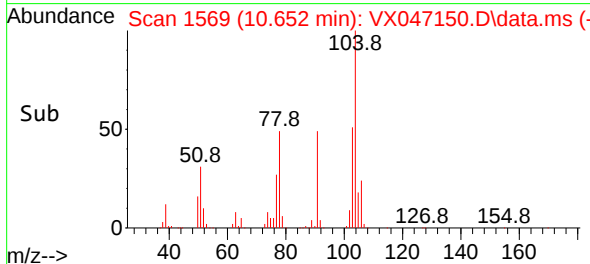
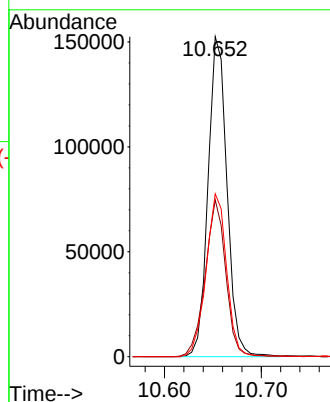
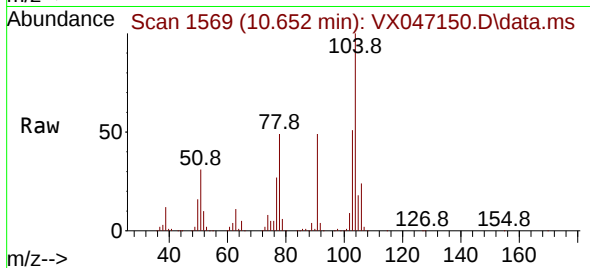
Tgt Ion:104 Resp: 208062
 Ion Ratio Lower Upper
 104 100
 78 53.2 42.6 63.8
 103 55.3 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#70

Isopropylbenzene

Concen: 17.599 ug/l

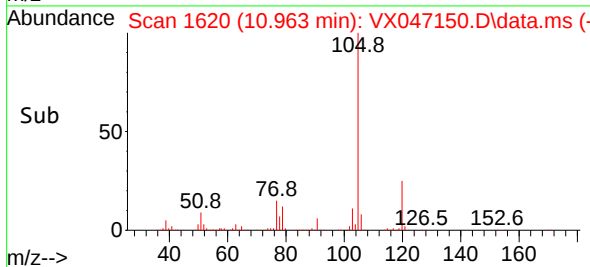
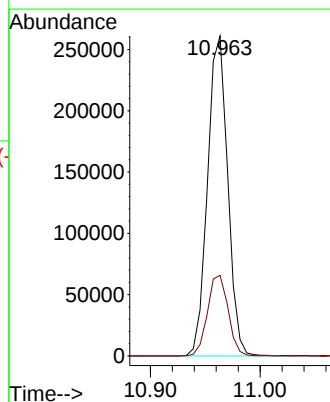
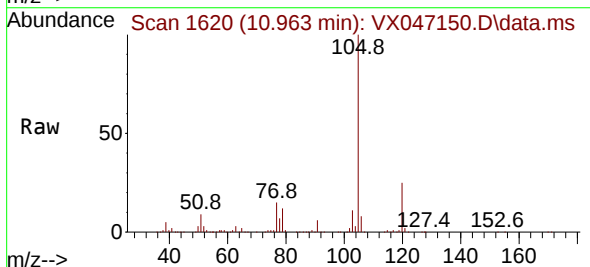
RT: 10.963 min Scan# 1620

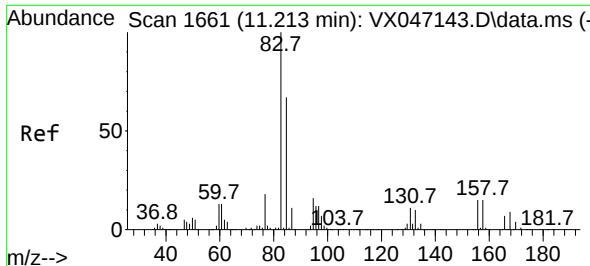
Delta R.T. -0.000 min

Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

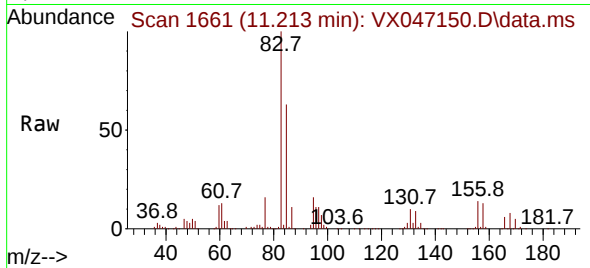
Tgt Ion:105 Resp: 333486
 Ion Ratio Lower Upper
 105 100
 120 25.8 17.8 33.0





#71
1,1,2,2-Tetrachloroethane
Concen: 17.470 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

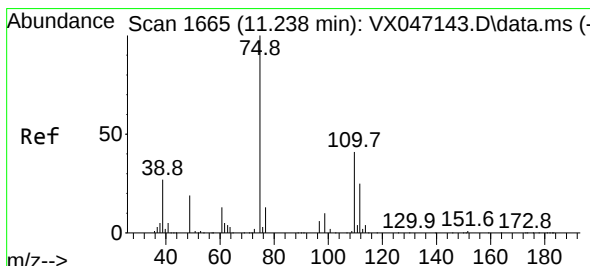
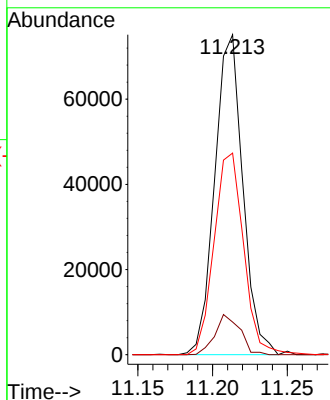
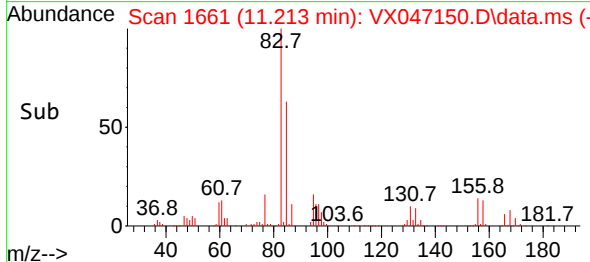
Instrument : MSVOA_X
ClientSampleId : ICVVX072525



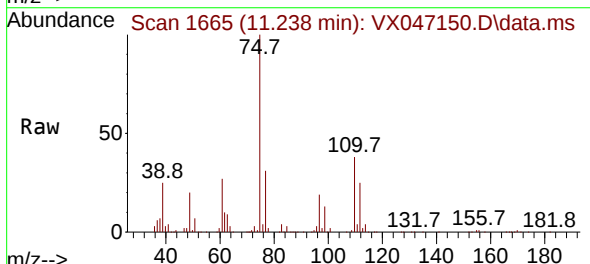
Tgt Ion: 83 Resp: 9821
Ion Ratio Lower Upper
83 100
131 10.9 6.0 18.0
85 66.3 32.3 96.9

Manual Integrations
APPROVED

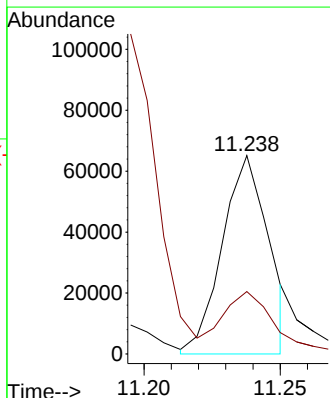
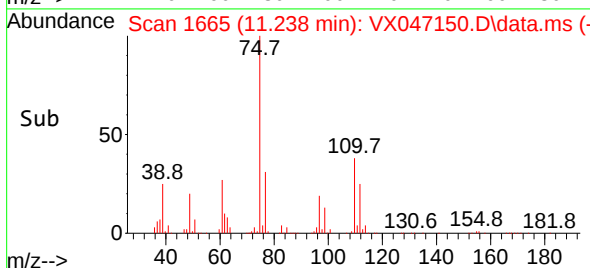
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

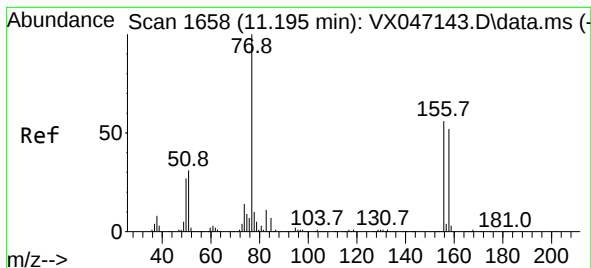


#72
1,2,3-Trichloropropane
Concen: 17.799 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10



Tgt Ion: 75 Resp: 77069
Ion Ratio Lower Upper
75 100
77 36.3 0.0 74.2





#73

Bromobenzene

Concen: 17.282 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

Instrument :

MSVOA_X

ClientSampleId :

ICVVX072525

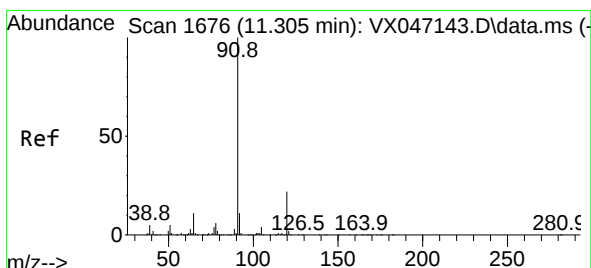
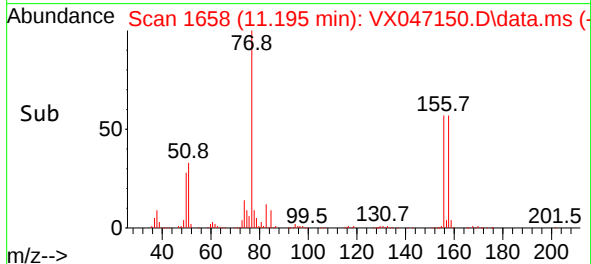
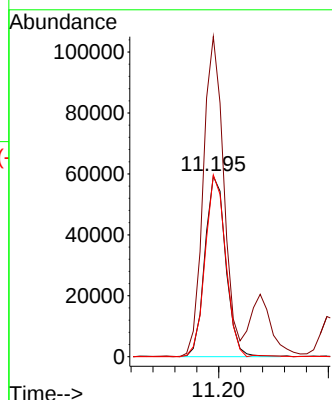
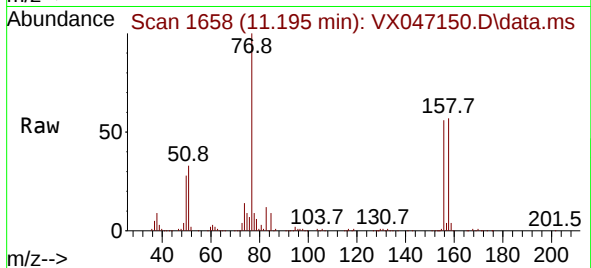
Tgt Ion:	156	Resp:	78379
Ion Ratio	Lower	Upper	
156	100		
77	174.2	0.0	340.8
158	98.3	0.0	189.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#74

n-propylbenzene

Concen: 17.763 ug/l

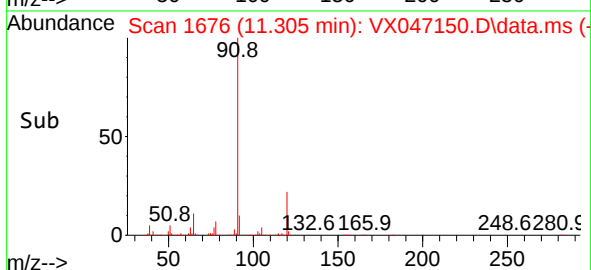
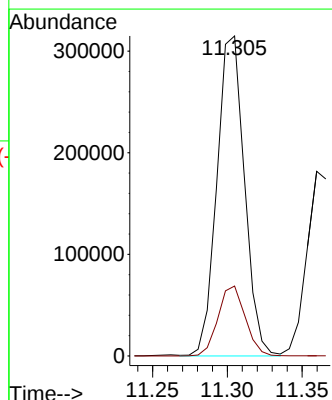
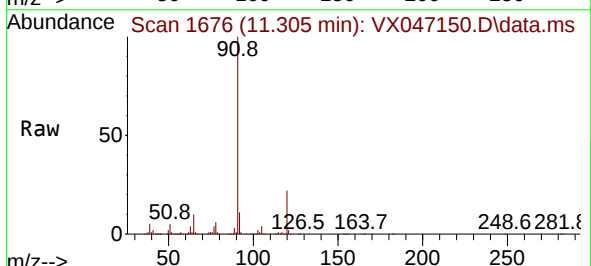
RT: 11.305 min Scan# 1676

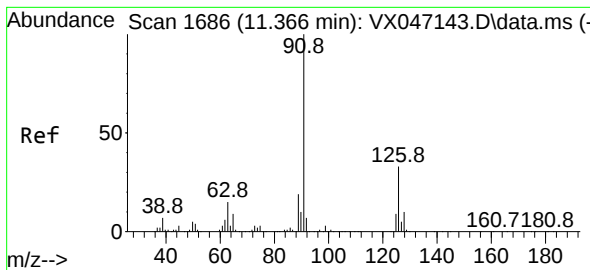
Delta R.T. -0.000 min

Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

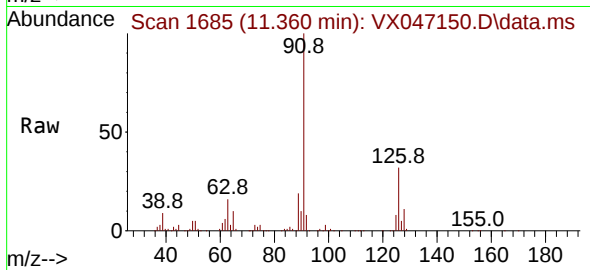
Tgt Ion:	91	Resp:	404129
Ion Ratio	Lower	Upper	
91	100		
120	21.5	0.0	44.4





#75
2-Chlorotoluene
Concen: 17.540 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

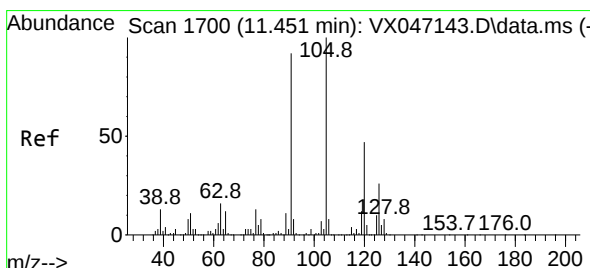
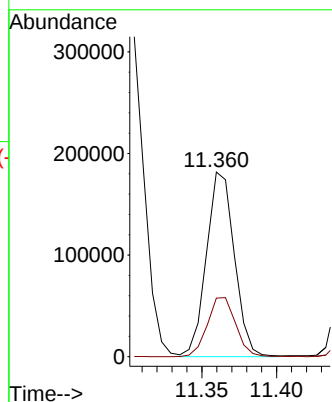
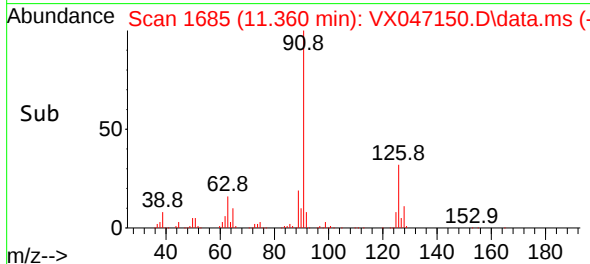
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



Tgt Ion: 91 Resp: 236150
Ion Ratio Lower Upper
91 100
126 32.6 0.0 63.6

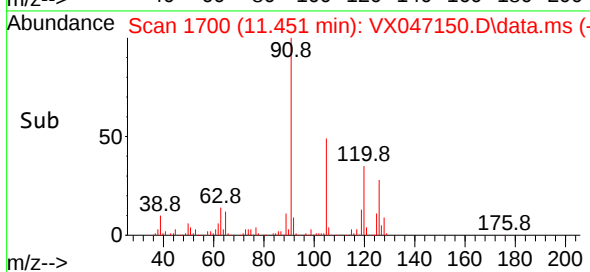
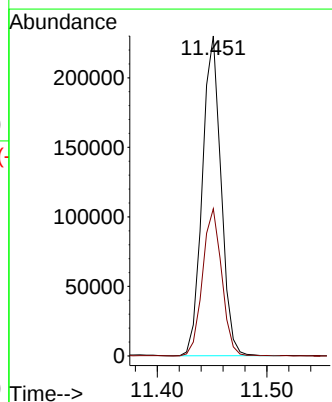
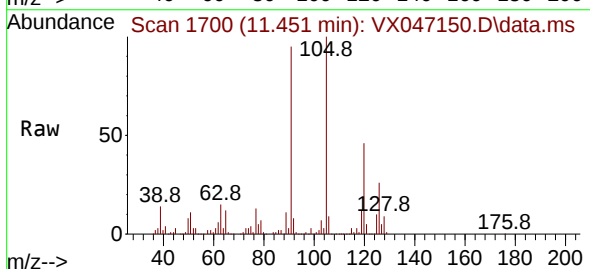
Manual Integrations
APPROVED

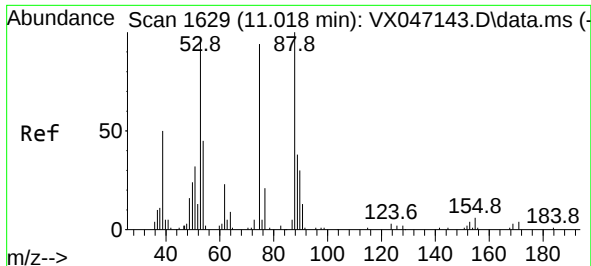
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#76
1,3,5-Trimethylbenzene
Concen: 17.464 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

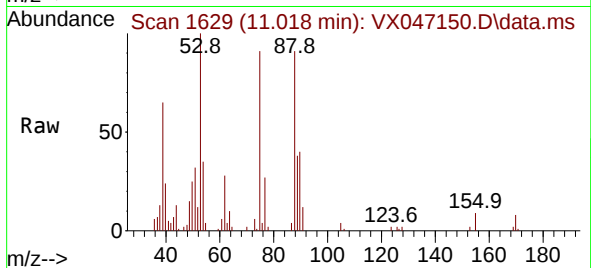
Tgt Ion:105 Resp: 272278
Ion Ratio Lower Upper
105 100
120 47.2 0.0 93.0





#77
t-1,4-Dichloro-2-butene
Concen: 9.239 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

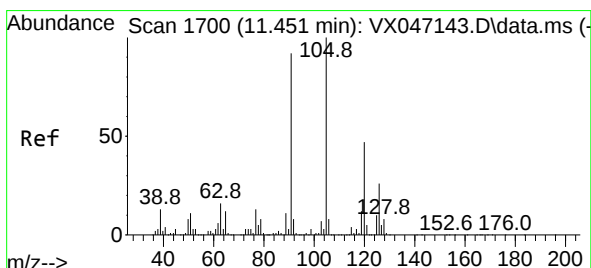
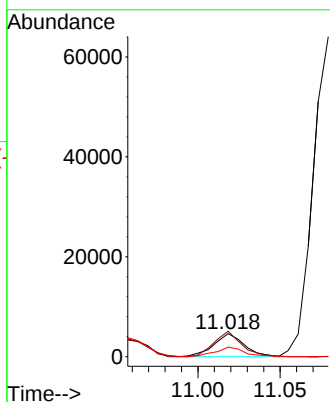
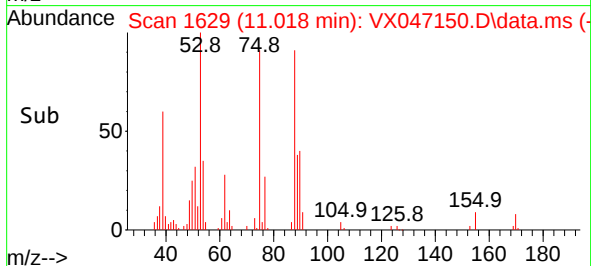
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



Tgt Ion: 75 Resp: 5920
Ion Ratio Lower Upper
75 100
53 106.0 48.4 145.2
89 80.8 33.8 101.3

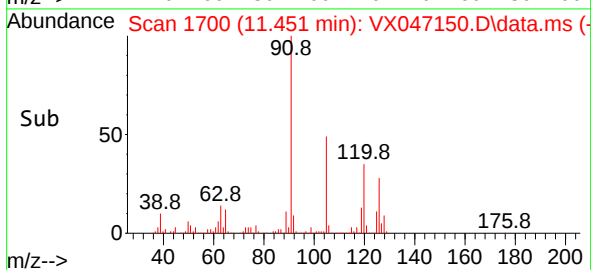
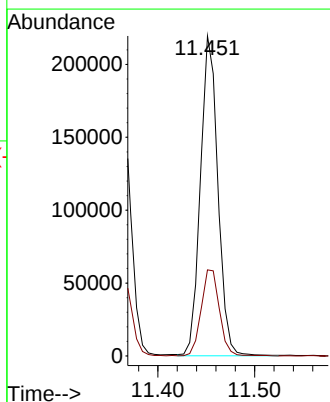
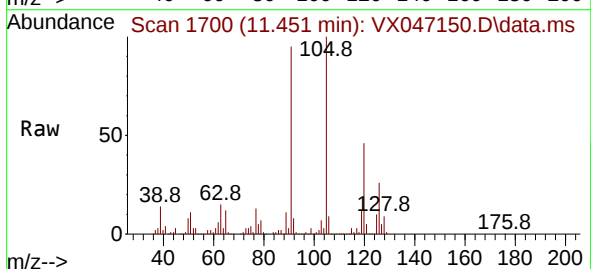
Manual Integrations
APPROVED

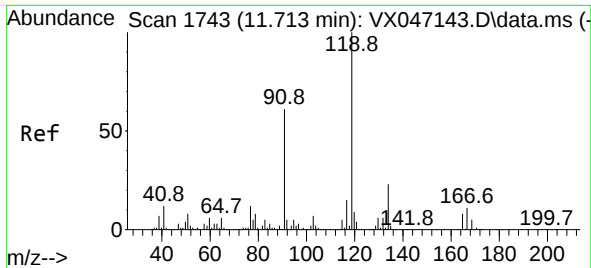
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#78
4-Chlorotoluene
Concen: 17.810 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

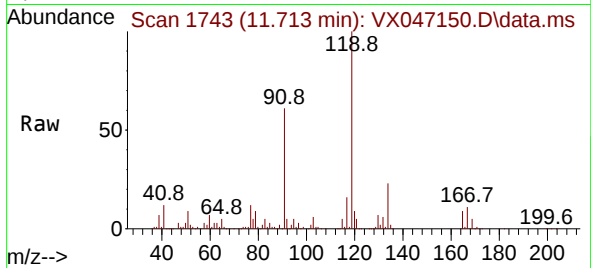
Tgt Ion: 91 Resp: 276482
Ion Ratio Lower Upper
91 100
126 28.1 0.0 57.2





#79
tert-butylbenzene
Concen: 17.893 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

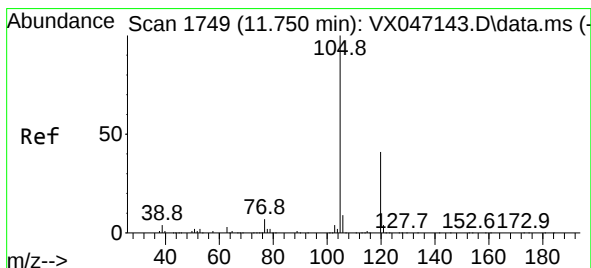
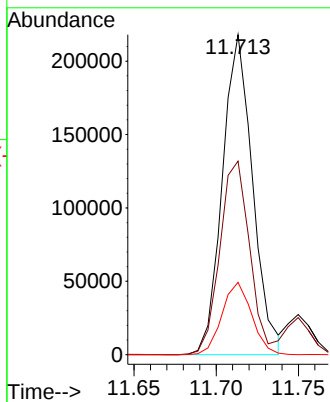
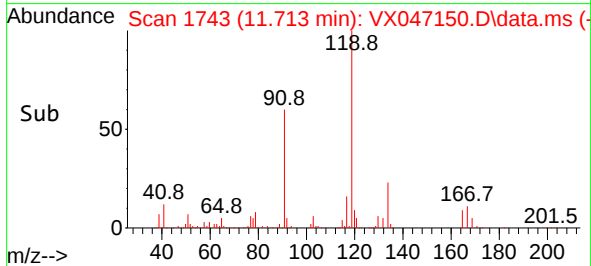
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



Tgt Ion:119 Resp: 27917
Ion Ratio Lower Upper
119 100
91 59.3 0.0 120.6
134 22.2 0.0 46.0

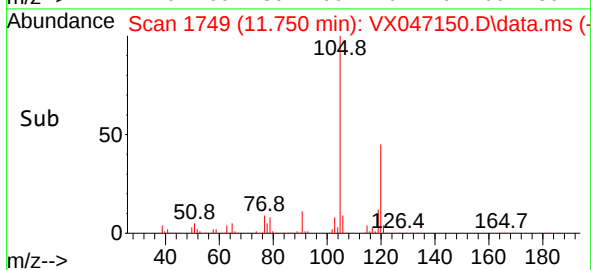
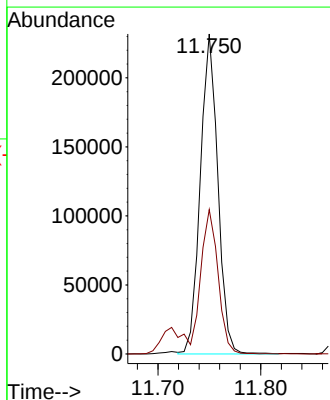
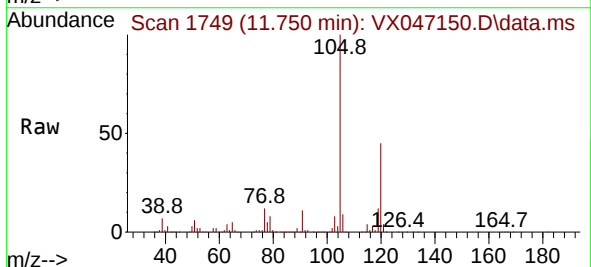
Manual Integrations
APPROVED

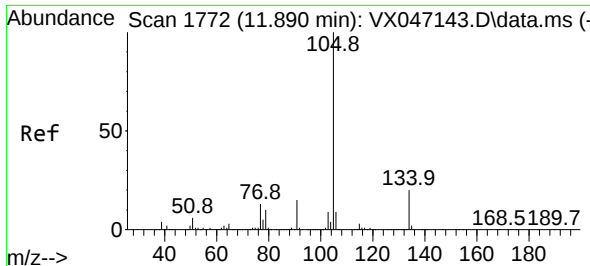
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#80
1,2,4-Trimethylbenzene
Concen: 17.791 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

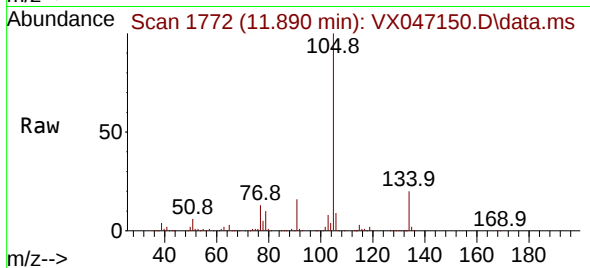
Tgt Ion:105 Resp: 275119
Ion Ratio Lower Upper
105 100
120 44.0 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 17.847 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX047150.D
 Acq: 25 Jul 2025 18:10

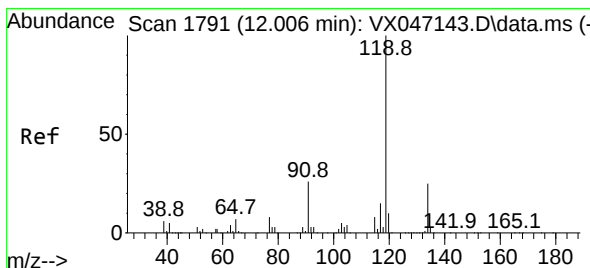
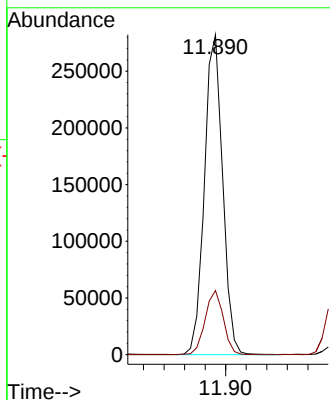
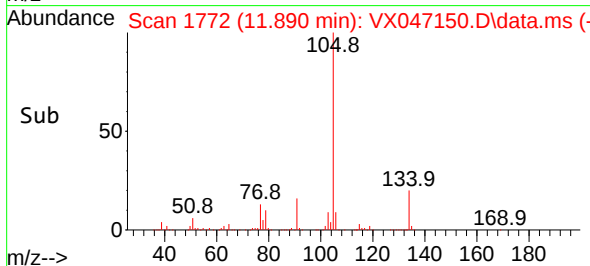
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX072525



Tgt Ion:105 Resp: 347518
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.4

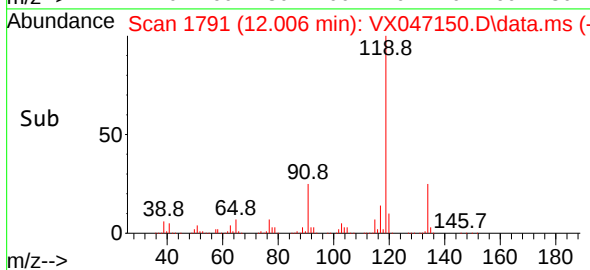
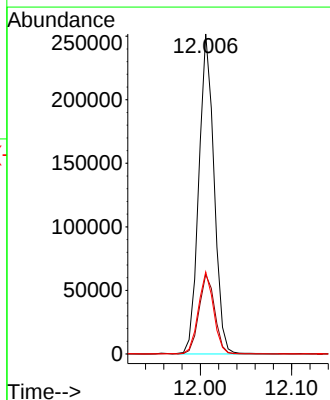
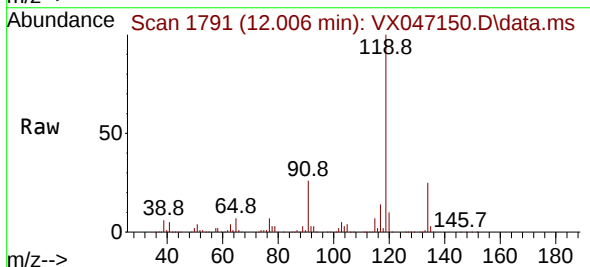
Manual Integrations
 APPROVED

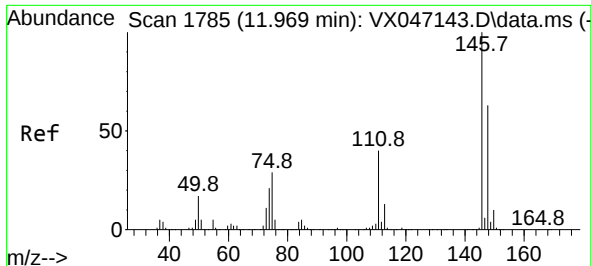
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025



#82
 p-Isopropyltoluene
 Concen: 18.029 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047150.D
 Acq: 25 Jul 2025 18:10

Tgt Ion:119 Resp: 291718
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 50.8
 91 25.4 0.0 51.0





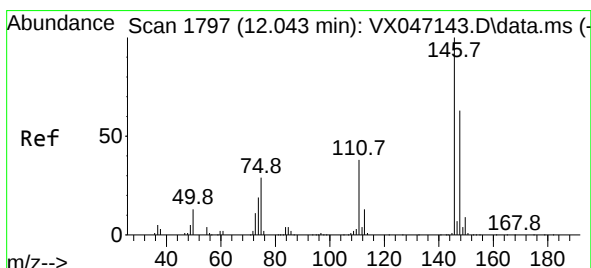
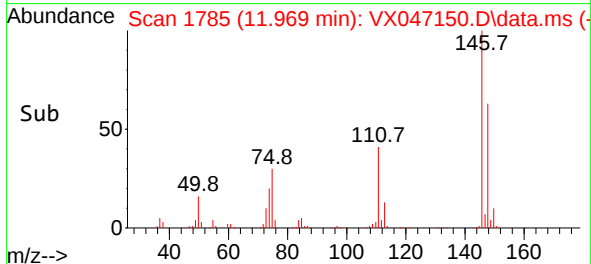
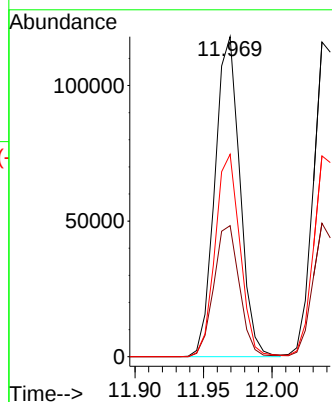
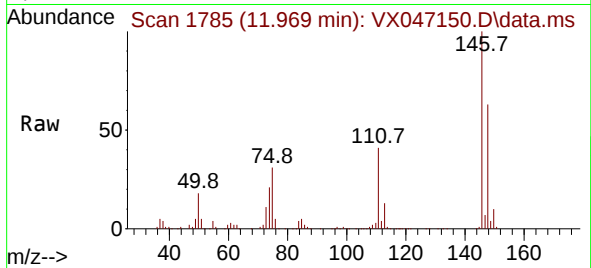
#83
1,3-Dichlorobenzene
Concen: 17.702 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525

Tgt Ion:146 Resp: 150000
Ion Ratio Lower Upper
146 100
111 41.8 20.7 62.1
148 62.7 31.8 95.3

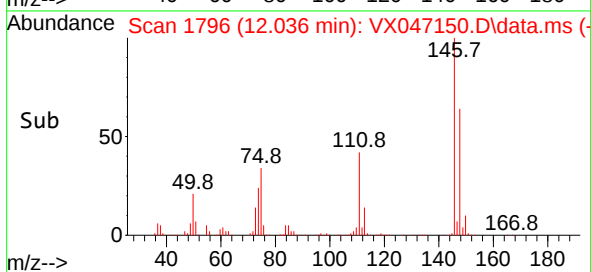
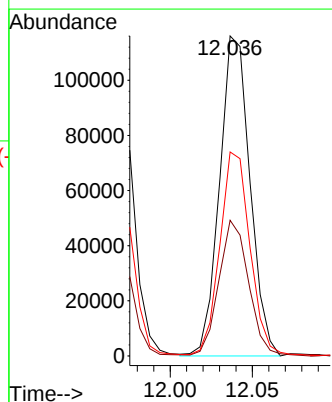
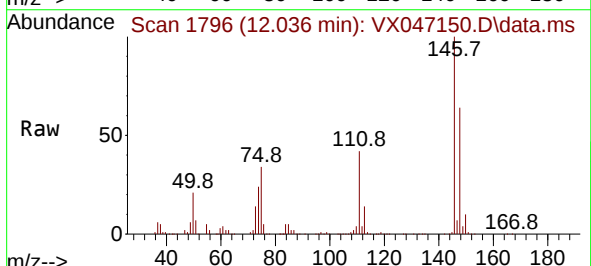
Manual Integrations
APPROVED

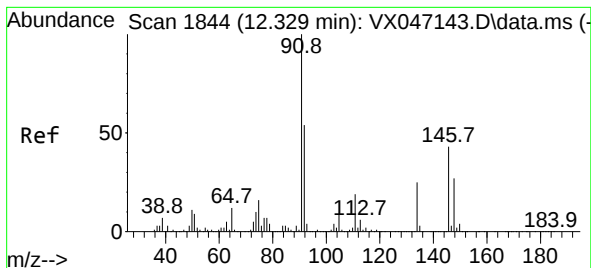
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#84
1,4-Dichlorobenzene
Concen: 17.789 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

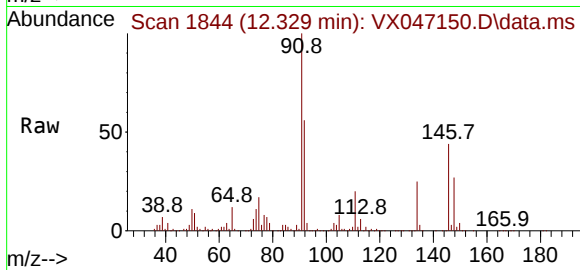
Tgt Ion:146 Resp: 149397
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 63.8 32.3 96.8





#85
n-Butylbenzene
Concen: 17.704 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

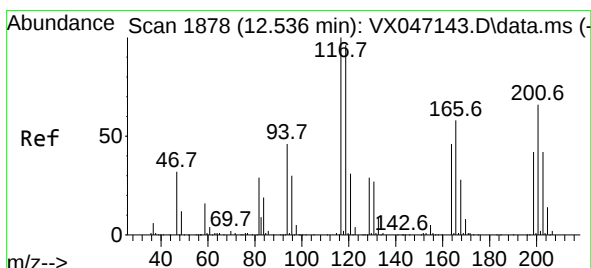
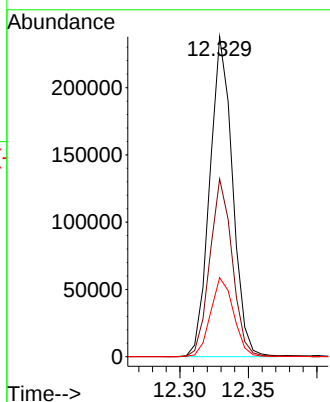
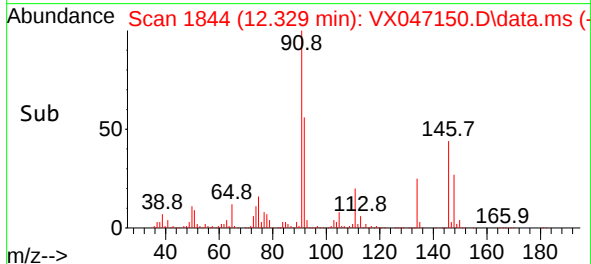
Instrument :
MSVOA_X
ClientSampleId :
ICVVX072525



Tgt Ion: 91 Resp: 274912
Ion Ratio Lower Upper
91 100
92 54.8 0.0 107.8
134 25.1 0.0 50.0

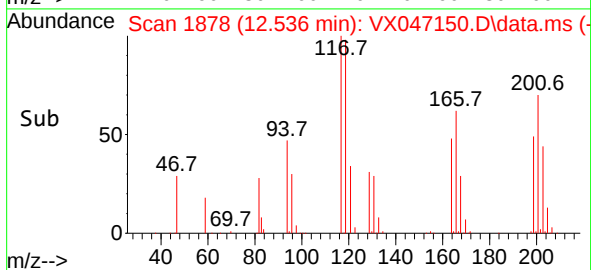
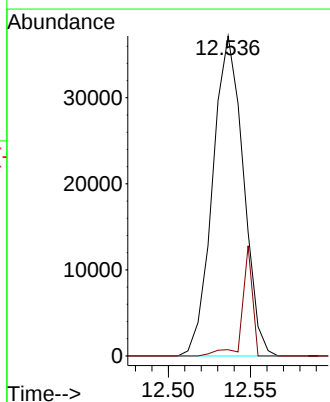
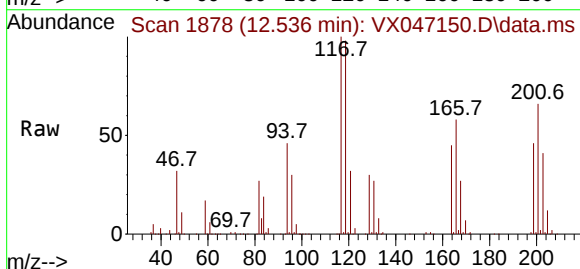
Manual Integrations
APPROVED

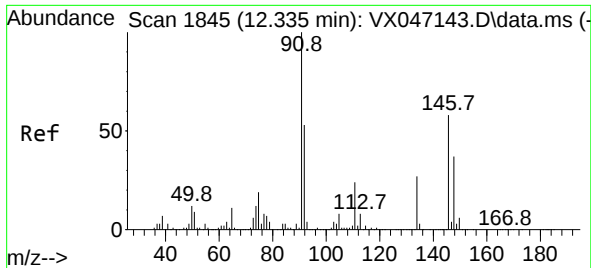
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#86
Hexachloroethane
Concen: 21.610 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Tgt Ion:117 Resp: 48225
Ion Ratio Lower Upper
117 100
201 1.6 0.5 1.5#





#87

1,2-Dichlorobenzene

Concen: 17.977 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

Instrument :

MSVOA_X

ClientSampleId :

ICVX072525

Tgt Ion:146 Resp: 14286

Ion Ratio Lower Upper

146 100

111 43.2 21.8 65.3

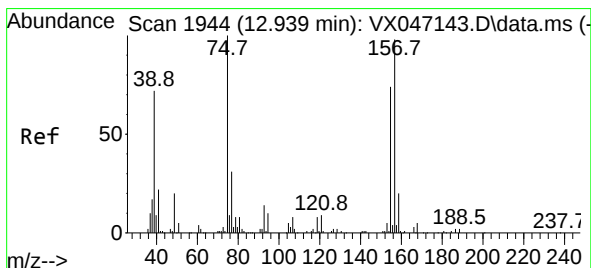
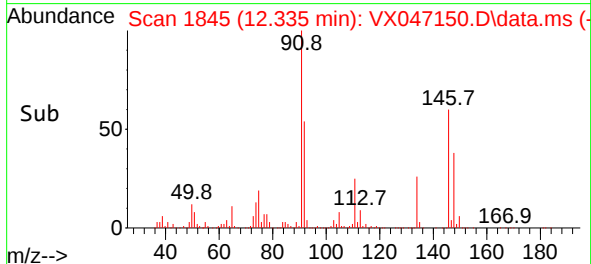
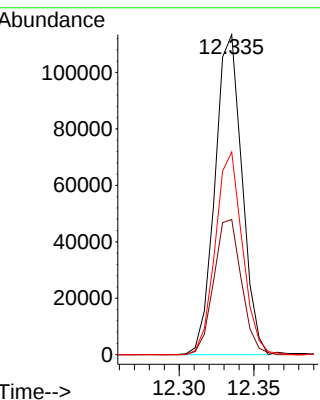
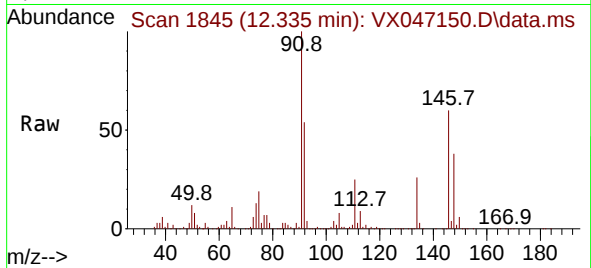
148 63.5 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.691 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

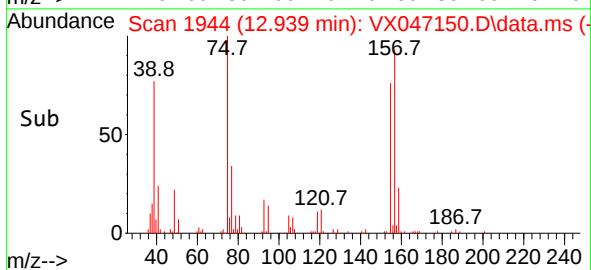
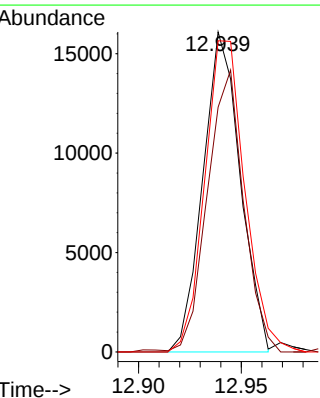
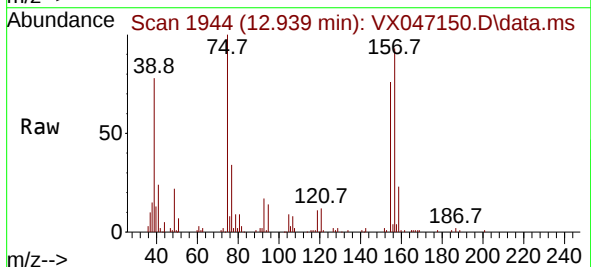
Tgt Ion: 75 Resp: 20314

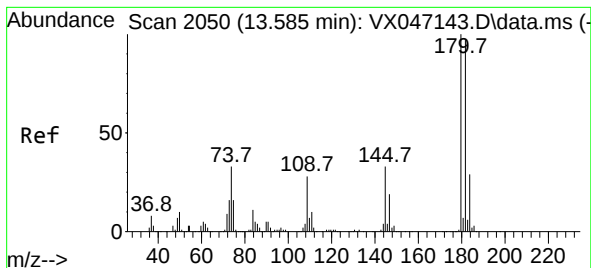
Ion Ratio Lower Upper

75 100

155 85.6 65.4 98.2

157 104.8 82.0 123.0





#89

1,2,4-Trichlorobenzene

Concen: 17.425 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

Instrument :

MSVOA_X

ClientSampleId :

ICVX072525

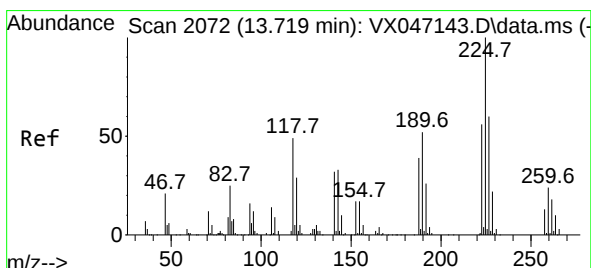
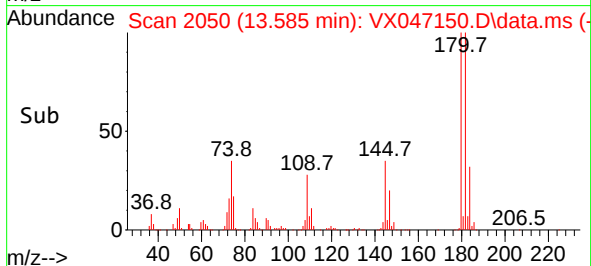
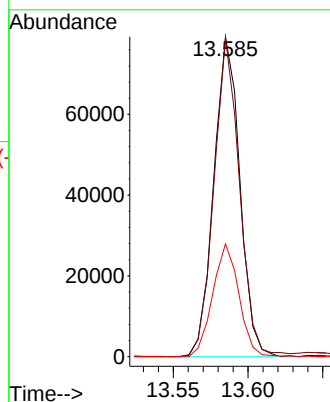
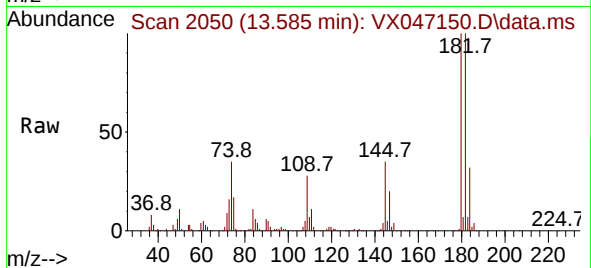
Tgt Ion:180	Resp:	9574
Ion Ratio	Lower	Upper
180	100	
182	96.7	78.2 117.2
145	35.5	26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#90

Hexachlorobutadiene

Concen: 22.251 ug/l

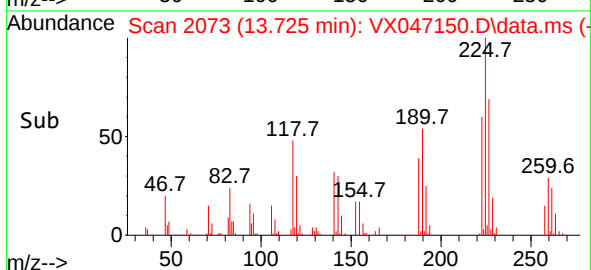
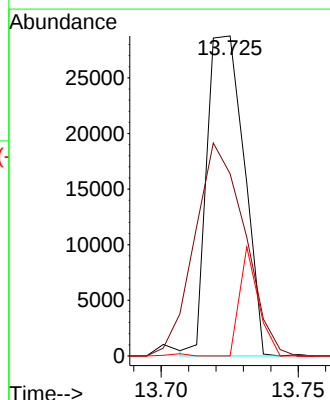
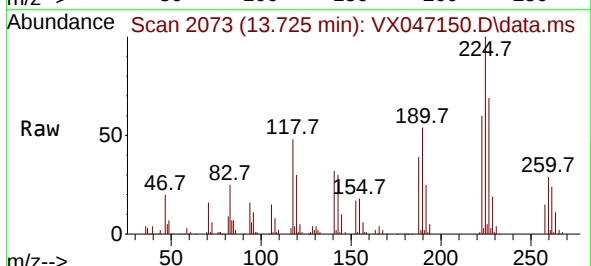
RT: 13.725 min Scan# 2073

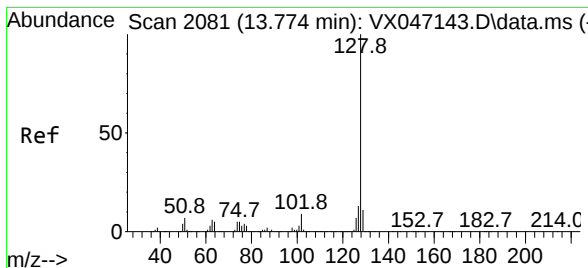
Delta R.T. 0.006 min

Lab File: VX047150.D

Acq: 25 Jul 2025 18:10

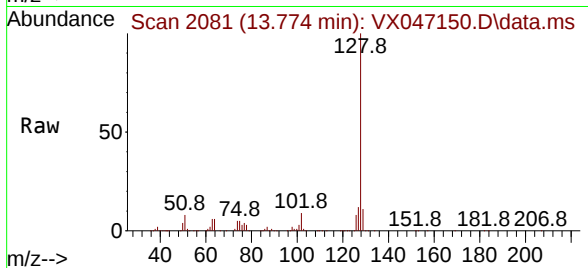
Tgt Ion:225	Resp:	27109
Ion Ratio	Lower	Upper
225	100	
223	89.4	0.0 73.8#
227	17.3	0.0 130.6





#91
Naphthalene
Concen: 17.183 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

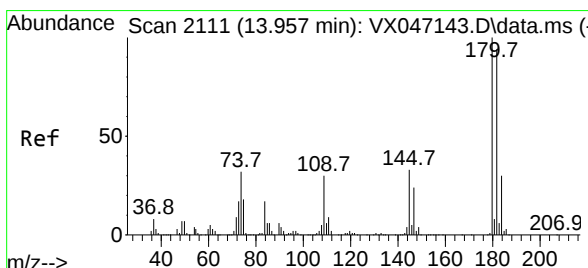
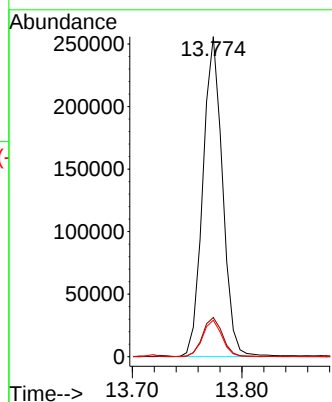
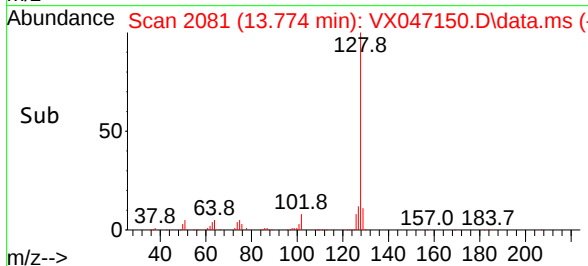
Instrument :
MSVOA_X
ClientSampleId :
ICVX072525



Tgt Ion:128 Resp: 318710
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.3 9.0 13.4

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 17.797 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047150.D
Acq: 25 Jul 2025 18:10

Tgt Ion:180 Resp: 93836
Ion Ratio Lower Upper
180 100
182 96.0 0.0 189.0
145 35.2 0.0 69.2

