

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047149.D
 Acq On : 25 Jul 2025 17:49
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

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

Quant Time: Jul 26 04:48:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X072525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 26 04:39:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.922	128	63171m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	370240	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	328858	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	150742	18.894	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	62.967%#		
60) 4-Bromofluorobenzene	11.079	95	161617	30.161	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.533%		
63) Toluene-d8	8.653	98	427135	29.821	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	77502	10.780	ug/l	96
3) Chloromethane	1.313	50	65346	10.113	ug/l	96
4) Vinyl Chloride	1.392	62	80862	10.451	ug/l #	84
5) Bromomethane	1.630	94	38353	12.261	ug/l	93
6) Chloroethane	1.709	64	52655	12.057	ug/l	99
7) Trichlorofluoromethane	1.910	101	108946	10.364	ug/l	100
8) Diethyl Ether	2.148	74	39526	10.303	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.349	101	65271	10.449	ug/l	94
10) 1,1-Dichloroethene	2.343	96	61338	9.598	ug/l	82
11) Methyl Iodide	2.471	142	99190	10.056	ug/l	100
12) Methyl Acetate	2.715	43	83401	10.485	ug/l	99
13) Acrolein	2.252	56	30566	28.733	ug/l	98
14) Acrylonitrile	3.081	53	171477	52.233	ug/l	98
15) Acetone	2.392	58	41602	51.620	ug/l	92
16) Carbon Disulfide	2.532	76	197591	10.665	ug/l	98
17) Allyl chloride	2.684	41	106378	9.743	ug/l	95
18) Methylene Chloride	2.806	84	73024	10.587	ug/l	96
19) trans-1,2-Dichloroethene	3.111	96	67337	10.289	ug/l	96
20) Diisopropyl ether	3.770	45	248214	10.632	ug/l #	82
21) 1,1-Dichloroethane	3.629	63	134182	10.560	ug/l	100
22) cis-1,2-Dichloroethene	4.507	96	84407	10.562	ug/l	95
23) tert-Butyl Alcohol	2.965	59	45536	49.962	ug/l #	100
24) Methyl tert-Butyl Ether	3.130	73	221032	10.326	ug/l	100
25) Chloroform	5.111	83	136456	10.907	ug/l	97
26) Cyclohexane	5.489	56	123140	9.980	ug/l #	99
29) 1,1-Dichloropropene	5.708	75	95219	16.513	ug/l	99
30) 2-Butanone	4.568	43	214513	78.758	ug/l	98
31) 2,2-Dichloropropane	4.495	77	96309m	15.555	ug/l	
32) 1,1,1-Trichloroethane	5.404	97	117117m	16.401	ug/l	
33) Carbon Tetrachloride	5.690	117	72806m	14.410	ug/l	
34) Benzene	6.050	78	288601	16.952	ug/l	98
35) Methacrylonitrile	4.940	41	49604	16.847	ug/l	95
36) 1,2-Dichloroethane	6.098	62	101308	16.571	ug/l	99
37) Trichloroethene	7.135	130	72499	16.922	ug/l	96
38) Methylcyclohexane	7.385	83	118751	15.974	ug/l	99
39) 1,2-Dichloropropane	7.434	63	69815	15.996	ug/l	100
40) Dibromomethane	7.586	93	48484	15.925	ug/l	95
41) Bromodichloromethane	7.824	83	105561	16.569	ug/l #	95
42) Vinyl Acetate	3.733	43	1030967	82.338	ug/l	99

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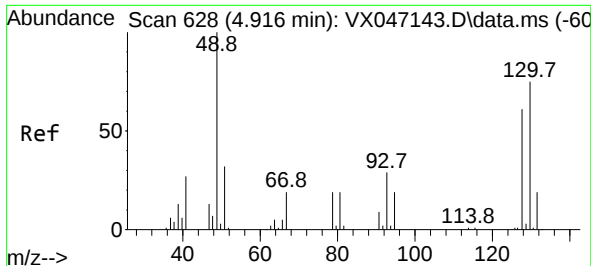
Manual Integrations
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 Supervised By : Mahesh Dadoda 07/28/2025

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X072525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 26 04:39:21 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.733	43	84228	13.562	ug/l	94
44) Isopropyl Acetate	6.355	43	157373	16.105	ug/l	99
45) 1,4-Dioxane	7.702	88	19383	317.387	ug/l #	72
46) Methyl methacrylate	7.702	41	80900	16.134	ug/l	90
47) n-amyl Acetate	10.842	43	139618	16.341	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	99408	16.144	ug/l	99
49) cis-1,3-Dichloropropene	8.372	75	107273	15.926	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	66926	16.530	ug/l	98
51) Ethyl methacrylate	9.116	69	105197	15.937	ug/l	98
52) 1,3-Dichloropropane	9.311	76	116196	16.543	ug/l	98
53) Dibromochloromethane	9.519	129	22581m	15.186	ug/l	
54) 1,2-Dibromoethane	9.610	107	71279	16.816	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	274290	85.216	ug/l	100
56) Bromoform	10.823	173	1559m	25.875	ug/l	
58) 4-Methyl-2-Pentanone	8.574	43	467294	81.439	ug/l	100
59) 2-Hexanone	9.433	43	328530	80.938	ug/l	98
61) Tetrachloroethene	9.275	164	58813	16.333	ug/l	97
62) Toluene	8.720	91	304786	16.573	ug/l	99
64) Chlorobenzene	10.079	112	192602	16.332	ug/l	94
65) 1,1,1,2-Tetrachloroethane	10.165	131	62967	16.889	ug/l	86
66) Ethyl Benzene	10.195	91	347036	16.492	ug/l	99
67) m/p-Xylenes	10.299	106	258002	33.086	ug/l	96
68) o-Xylene	10.640	106	125261	16.656	ug/l	99
69) Styrene	10.653	104	214394	16.622	ug/l	99
70) Isopropylbenzene	10.963	105	334531	16.700	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	99287	16.708	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	76327m	16.676	ug/l	
73) Bromobenzene	11.195	156	79954	16.677	ug/l	98
74) n-propylbenzene	11.305	91	402049	16.718	ug/l	100
75) 2-Chlorotoluene	11.360	91	238487	16.757	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	274810	16.674	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	6622	9.777	ug/l	84
78) 4-Chlorotoluene	11.451	91	279717	17.045	ug/l	99
79) tert-butylbenzene	11.713	119	275032	16.675	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	275956	16.881	ug/l	100
81) sec-Butylbenzene	11.890	105	348896	16.950	ug/l	100
82) p-Isopropyltoluene	12.006	119	291499	17.042	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	150413	16.792	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	150302	16.930	ug/l	98
85) n-Butylbenzene	12.329	91	272875	16.624	ug/l	100
86) Hexachloroethane	12.530	117	27716m	11.653	ug/l	
87) 1,2-Dichlorobenzene	12.335	146	146140	17.396	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	20699	16.089	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	94717	16.307	ug/l	99
90) Hexachlorobutadiene	13.719	225	15387m	11.921	ug/l	
91) Naphthalene	13.774	128	314321	16.031	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	93776	16.825	ug/l	100

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



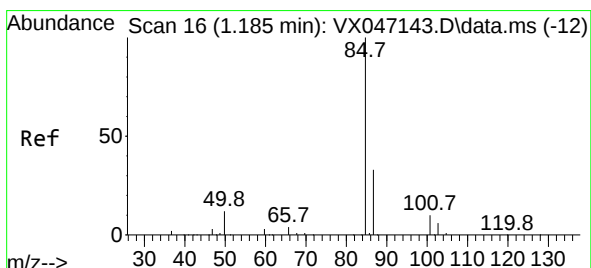
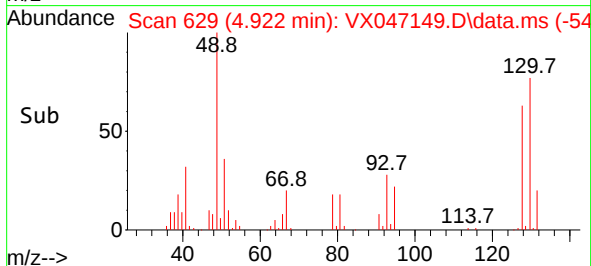
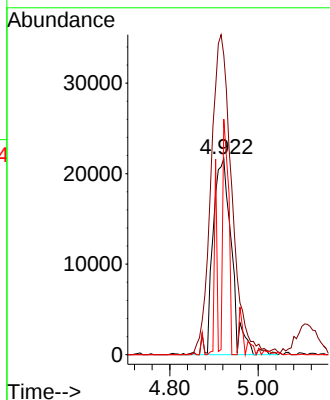
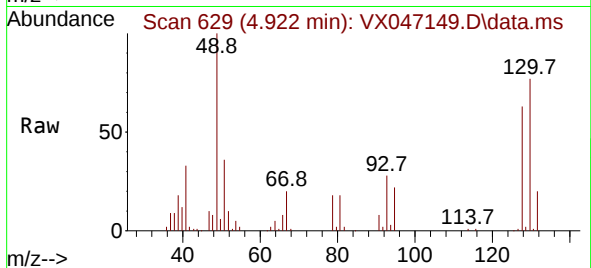
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Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 6317
Ion Ratio Lower Upper
128 100
49 182.7 0.0 0.0
130 38.3 0.0 0.0

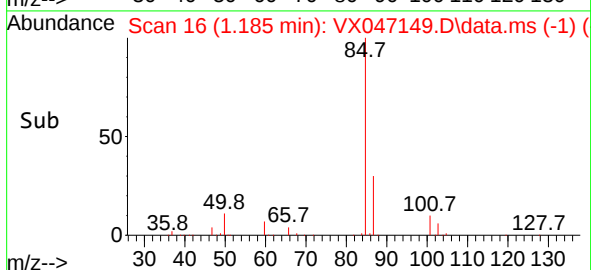
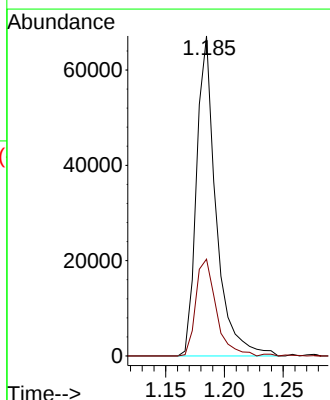
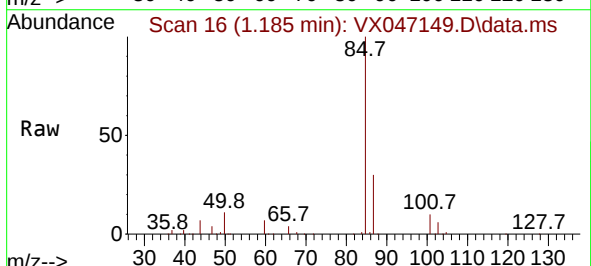
Manual Integrations
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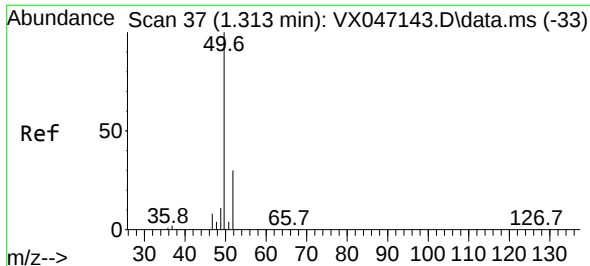
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#2
Dichlorodifluoromethane
Concen: 10.780 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Tgt Ion: 85 Resp: 77502
Ion Ratio Lower Upper
85 100
87 30.5 16.4 49.1





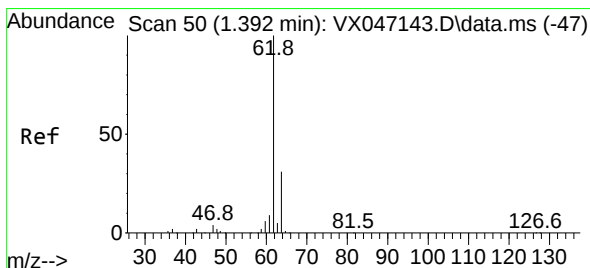
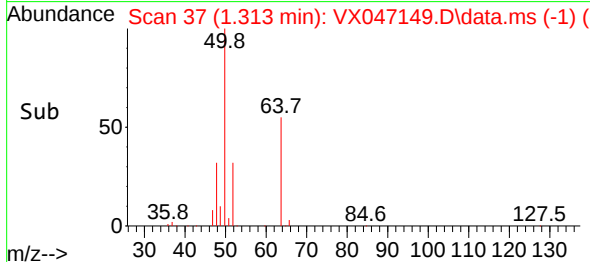
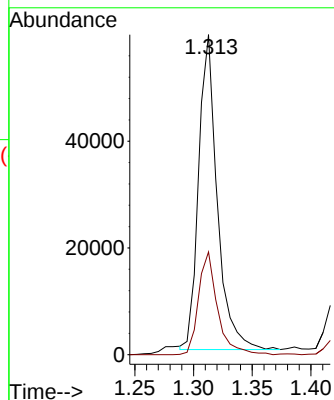
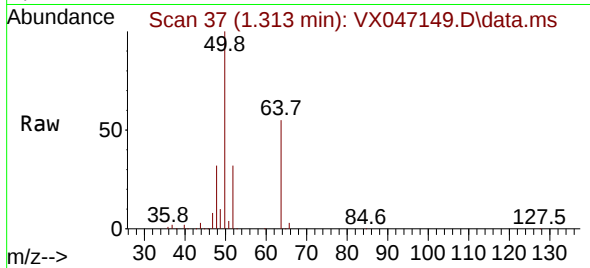
#3
Chloromethane
Concen: 10.113 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 50 Resp: 65340
Ion Ratio Lower Upper
50 100
52 32.9 24.4 36.6

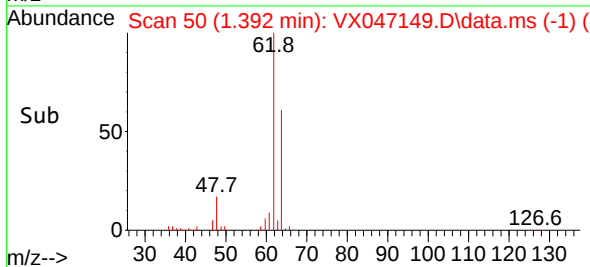
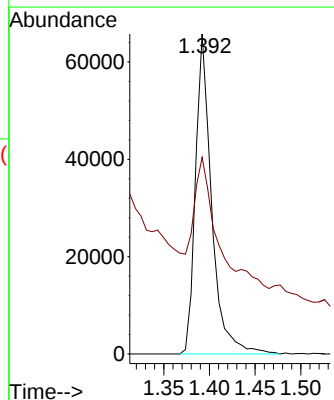
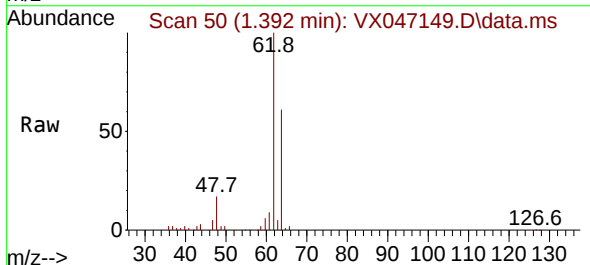
Manual Integrations
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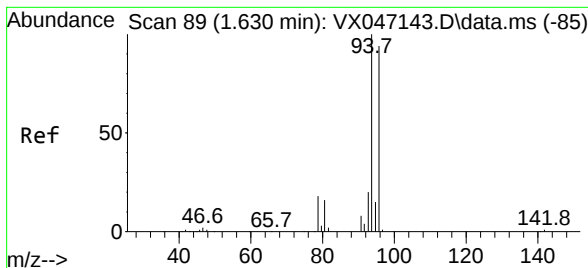
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#4
Vinyl Chloride
Concen: 10.451 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

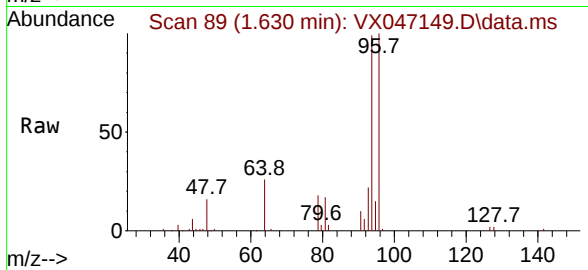
Tgt Ion: 62 Resp: 80862
Ion Ratio Lower Upper
62 100
64 40.9 25.7 38.5





#5
Bromomethane
Concen: 12.261 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

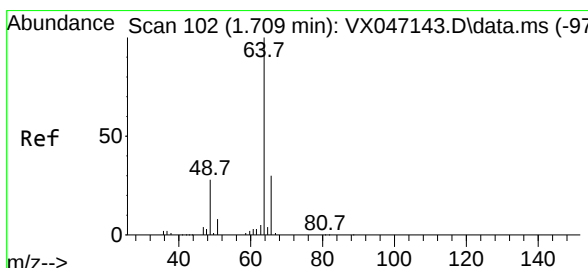
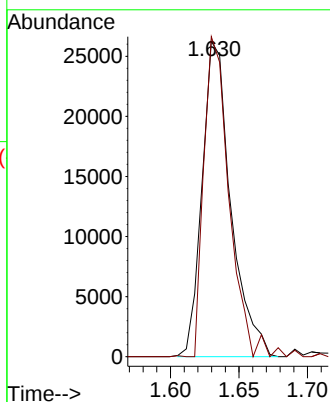
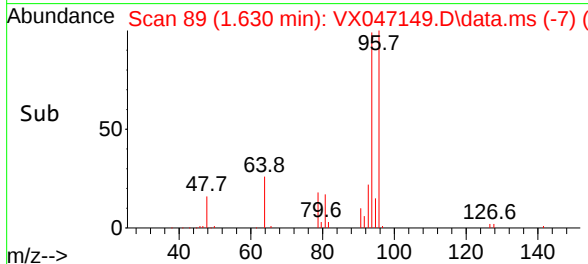
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



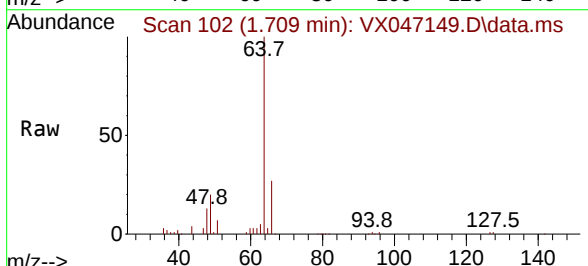
Tgt Ion: 94 Resp: 3835
Ion Ratio Lower Upper
94 100
96 89.2 66.0 99.0

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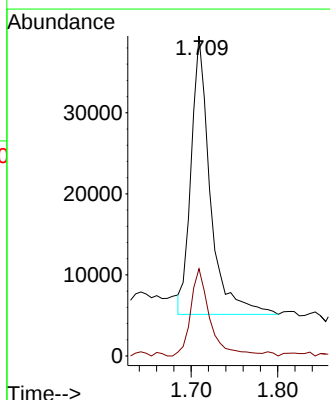
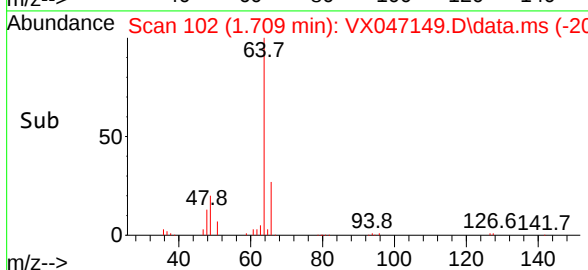
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

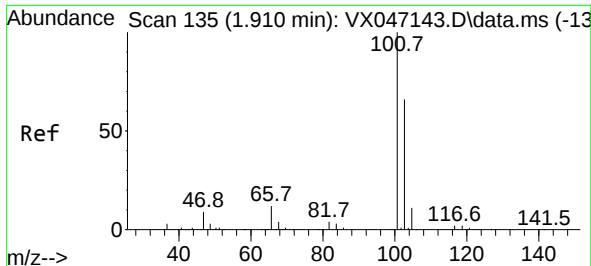


#6
Chloroethane
Concen: 12.057 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.000 min
Lab File: VX047149.D
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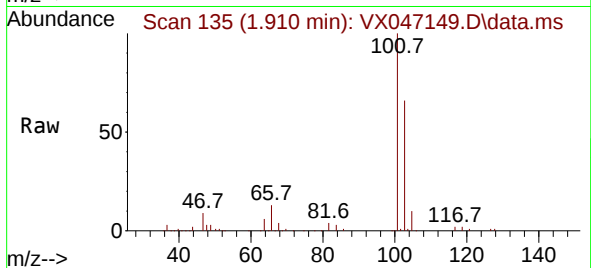
Tgt Ion: 64 Resp: 52655
Ion Ratio Lower Upper
64 100
66 30.9 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 10.364 ug/l
 RT: 1.910 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047149.D
 Acq: 25 Jul 2025 17:49

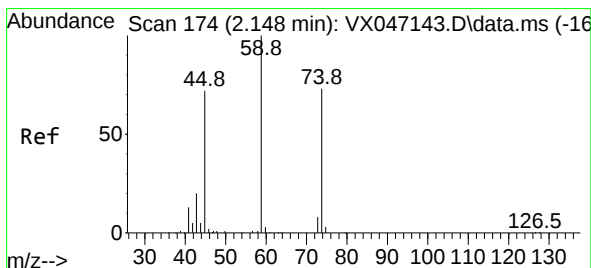
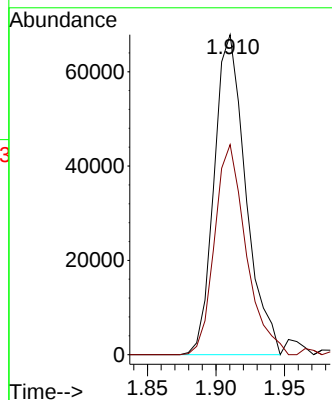
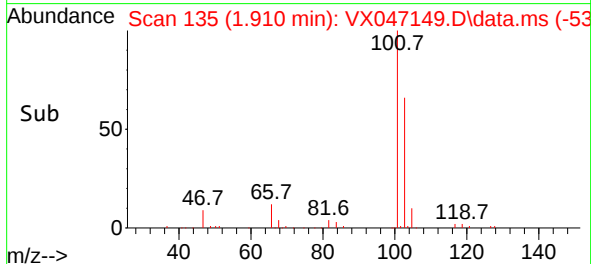
Instrument :
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Tgt Ion:101 Resp: 108940
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.4 78.6

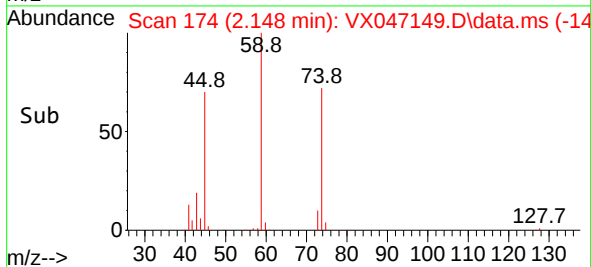
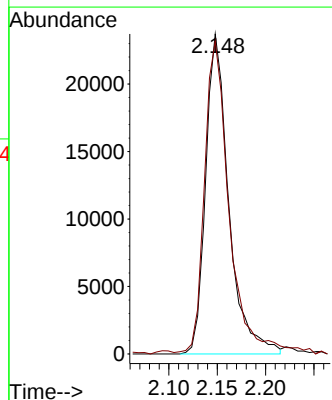
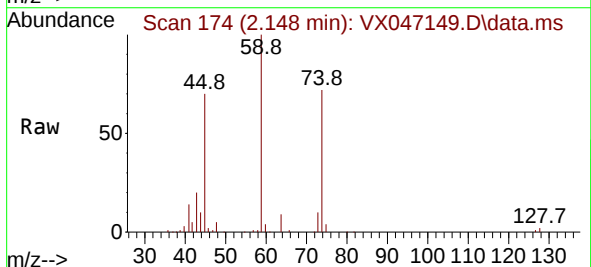
Manual Integrations
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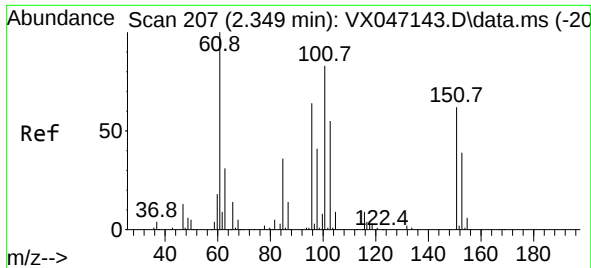
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025



#8
 Diethyl Ether
 Concen: 10.303 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX047149.D
 Acq: 25 Jul 2025 17:49

Tgt Ion: 74 Resp: 39526
 Ion Ratio Lower Upper
 74 100
 45 99.0 22.0 197.6





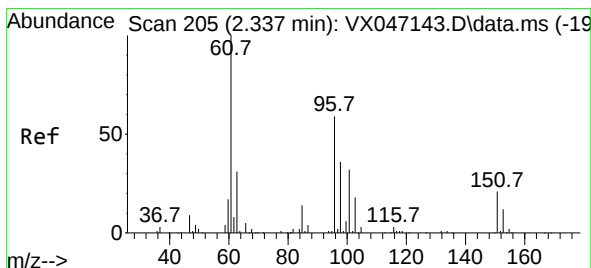
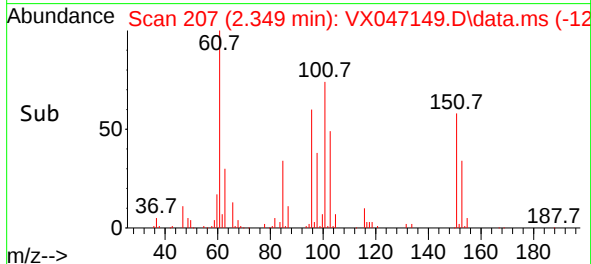
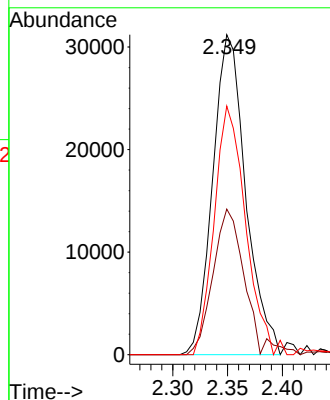
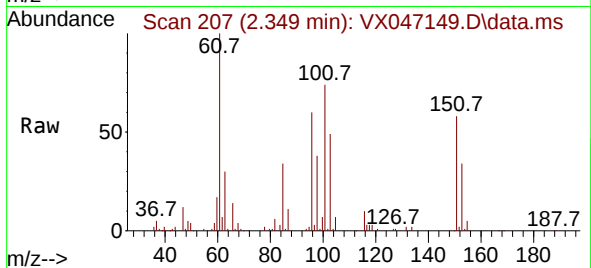
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1,1,2-Trichlorotrifluoroethane
Concen: 10.449 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 6527
Ion Ratio Lower Upper
101 100
85 41.6 0.0 91.8
151 73.1 0.0 137.2

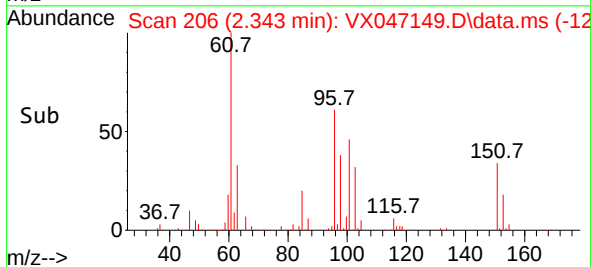
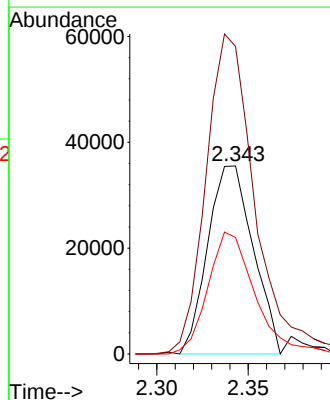
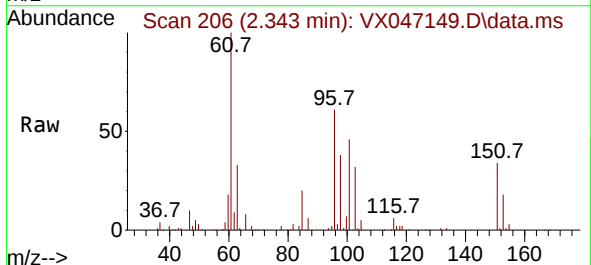
Manual Integrations
APPROVED

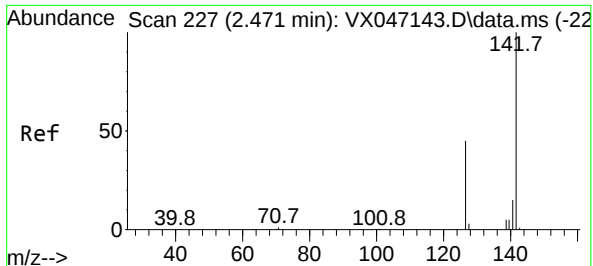
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#10
1,1-Dichloroethene
Concen: 9.598 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

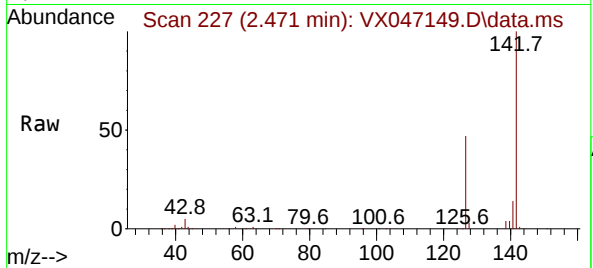
Tgt Ion: 96 Resp: 61338
Ion Ratio Lower Upper
96 100
61 149.6 145.5 218.3
98 57.2 49.5 74.3





#11
Methyl Iodide
Concen: 10.056 ug/l
RT: 2.471 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

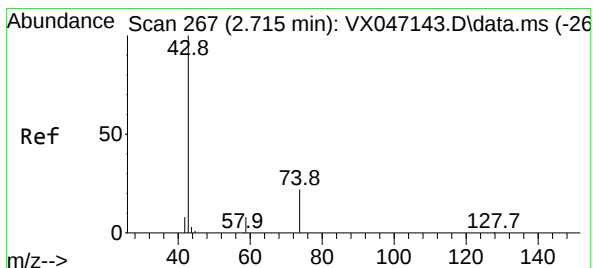
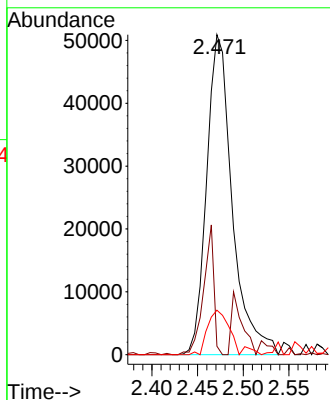
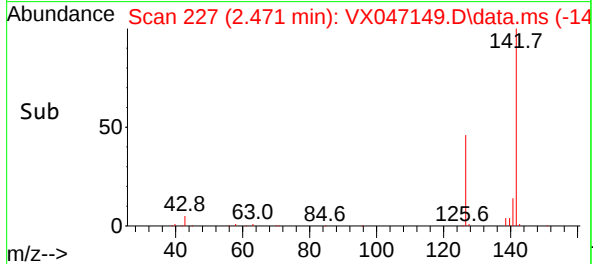
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 99190
Ion Ratio Lower Upper
142 100
127 2.1 0.9 2.8
141 111.1 55.5 166.5

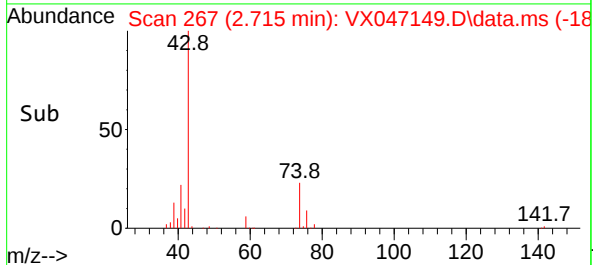
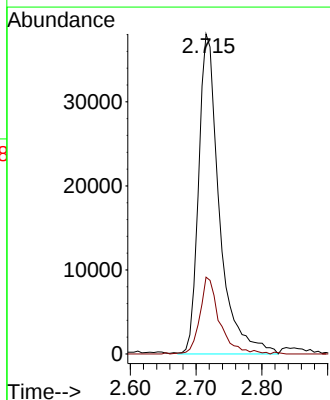
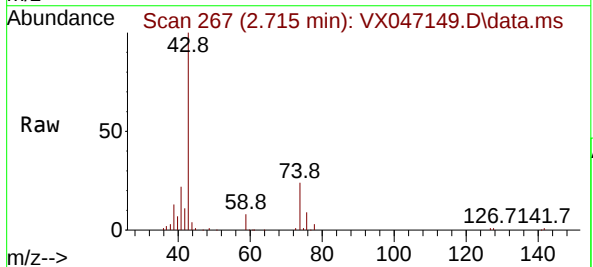
Manual Integrations
APPROVED

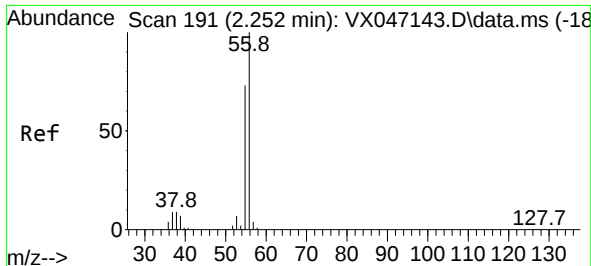
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#12
Methyl Acetate
Concen: 10.485 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

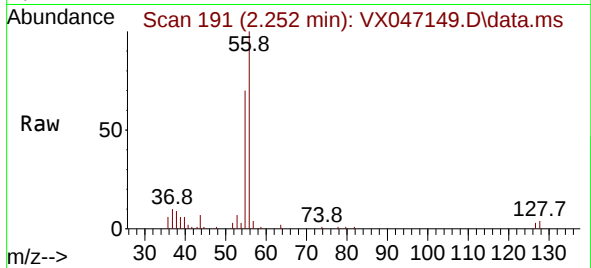
Tgt Ion: 43 Resp: 83401
Ion Ratio Lower Upper
43 100
74 23.7 18.4 27.6





#13
Acrolein
Concen: 28.733 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

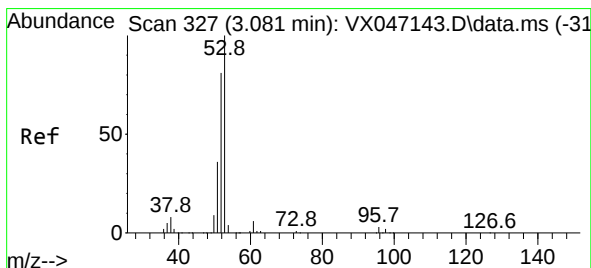
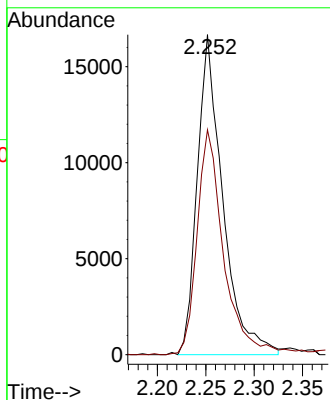
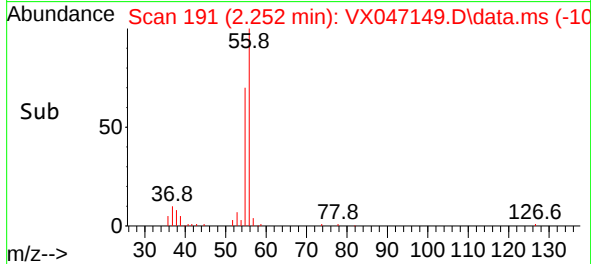
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 3056
Ion Ratio Lower Upper
56 100
55 72.3 56.8 85.2

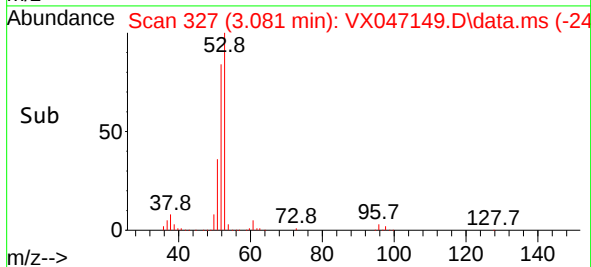
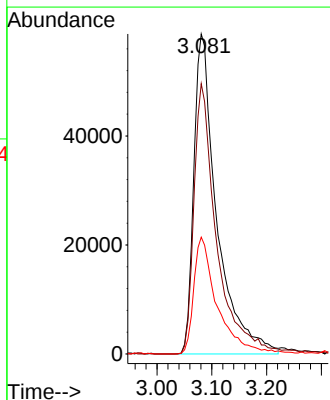
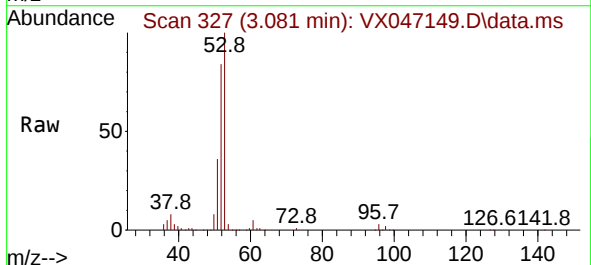
Manual Integrations
APPROVED

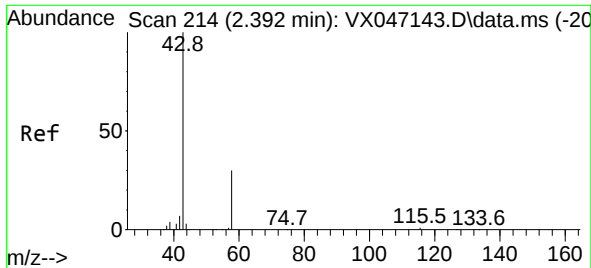
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#14
Acrylonitrile
Concen: 52.233 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

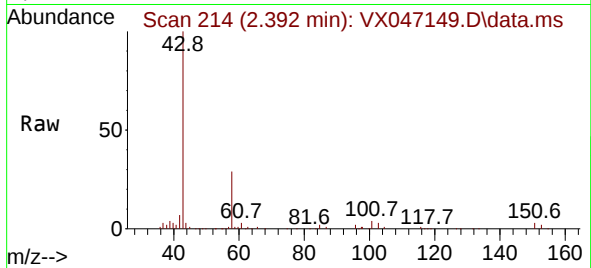
Tgt Ion: 53 Resp: 171477
Ion Ratio Lower Upper
53 100
52 82.1 41.3 123.7
51 37.0 17.2 51.5





#15
Acetone
Concen: 51.620 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

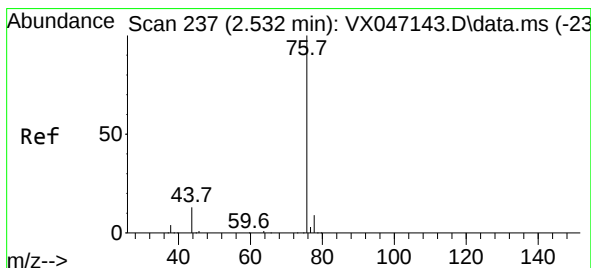
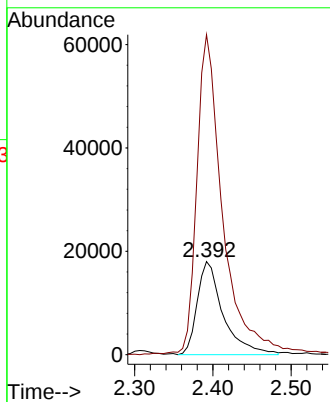
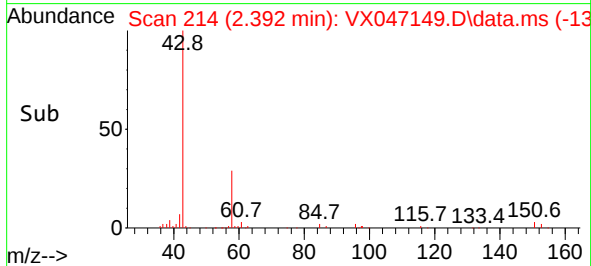
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 58 Resp: 41602
Ion Ratio Lower Upper
58 100
43 350.4 266.9 400.3

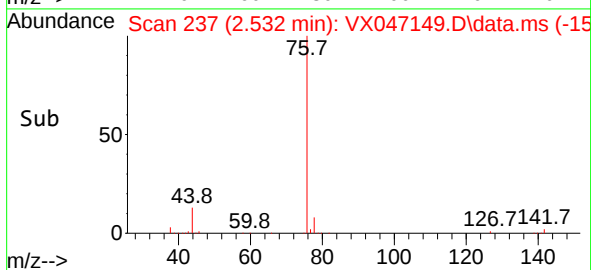
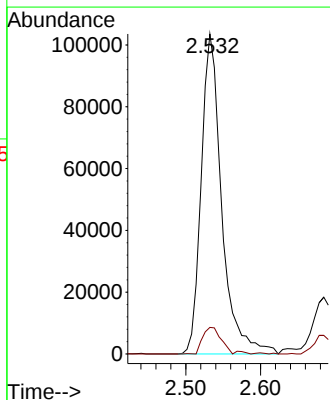
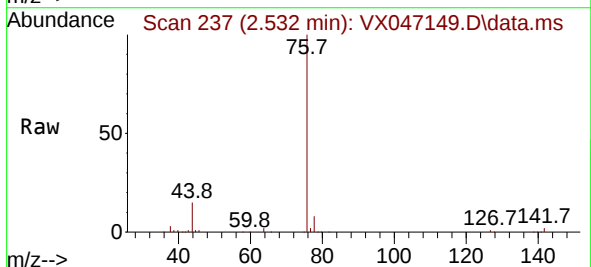
Manual Integrations
APPROVED

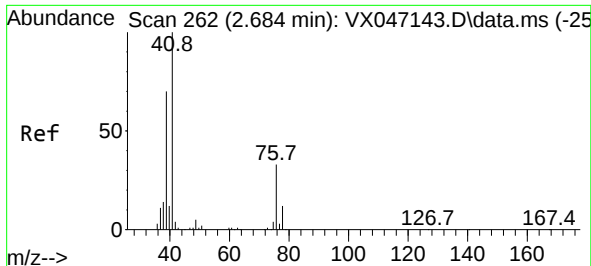
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#16
Carbon Disulfide
Concen: 10.665 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Tgt Ion: 76 Resp: 197591
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7





#17

Allyl chloride

Concen: 9.743 ug/l

RT: 2.684 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX047149.D

Acq: 25 Jul 2025 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 41 Resp: 106378

Ion Ratio Lower Upper

41 100

39 69.9 34.3 102.8

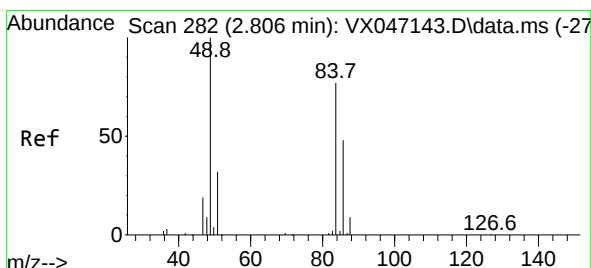
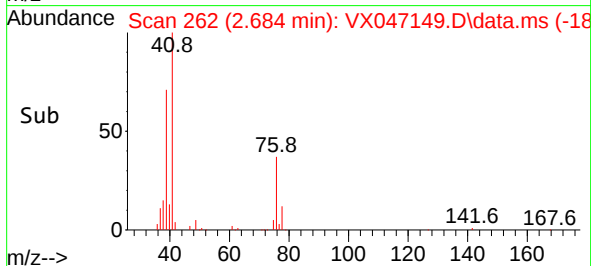
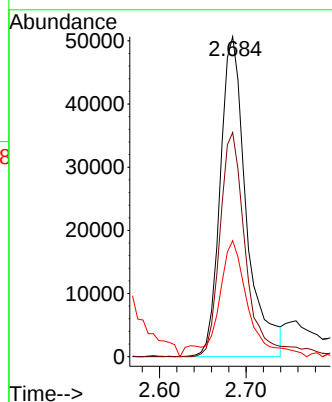
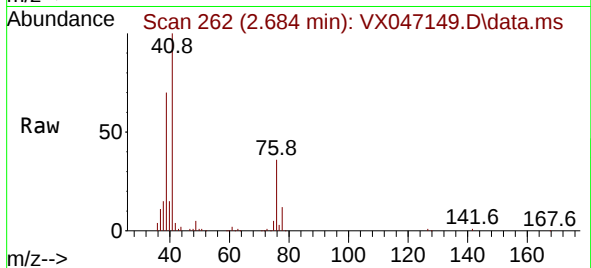
76 39.7 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#18

Methylene Chloride

Concen: 10.587 ug/l

RT: 2.806 min Scan# 282

Delta R.T. 0.000 min

Lab File: VX047149.D

Acq: 25 Jul 2025 17:49

Tgt Ion: 84 Resp: 73024

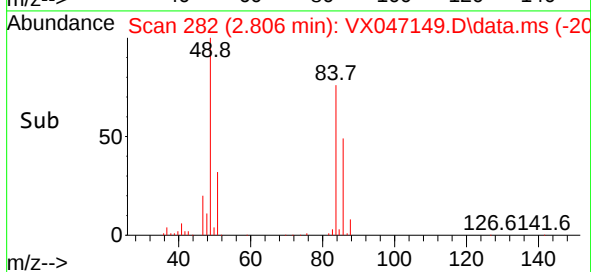
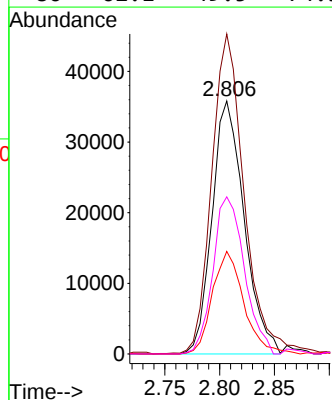
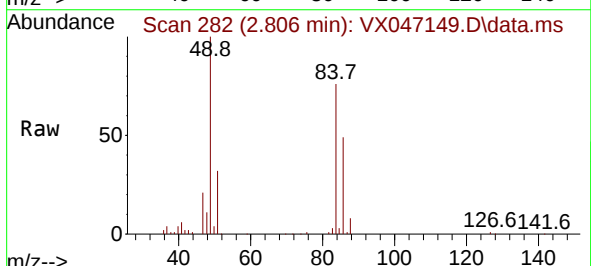
Ion Ratio Lower Upper

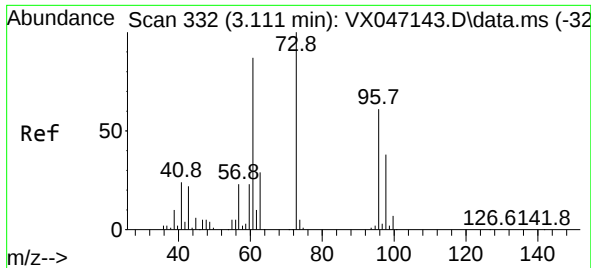
84 100

49 126.2 107.9 161.9

51 41.0 33.4 50.2

86 62.1 49.5 74.3





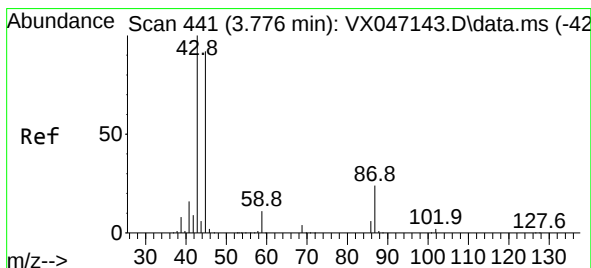
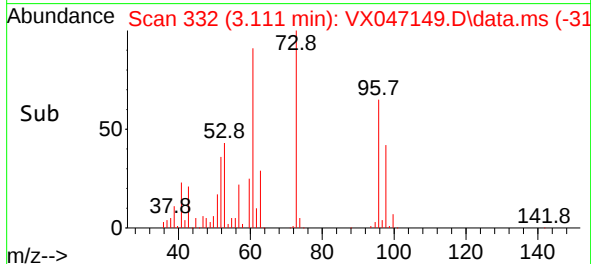
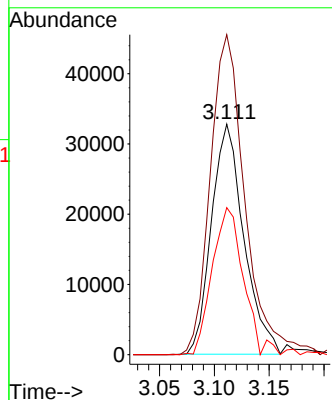
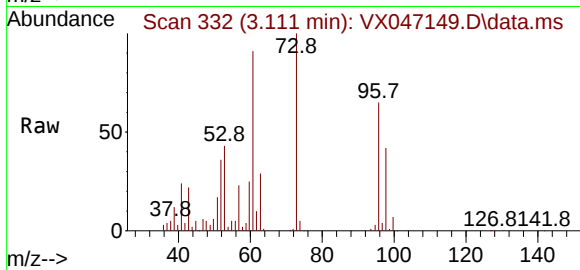
#19
trans-1,2-Dichloroethene
Concen: 10.289 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 96 Resp: 6733
Ion Ratio Lower Upper
96 100
61 146.3 122.3 183.5
98 62.3 50.2 75.2

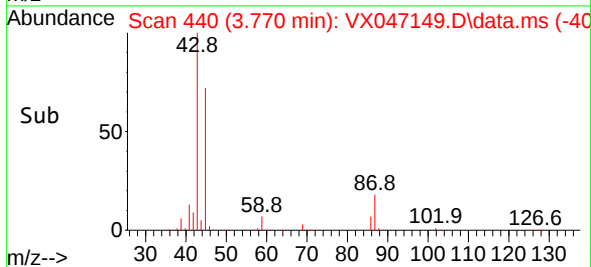
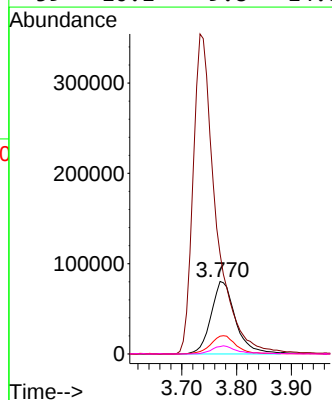
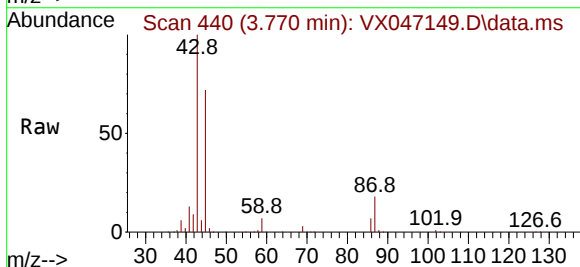
Manual Integrations
APPROVED

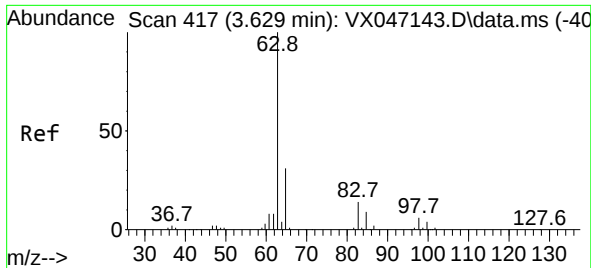
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#20
Diisopropyl ether
Concen: 10.632 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Tgt Ion: 45 Resp: 248214
Ion Ratio Lower Upper
45 100
43 135.0 89.1 133.7#
87 24.4 21.3 31.9
59 10.1 9.8 14.8





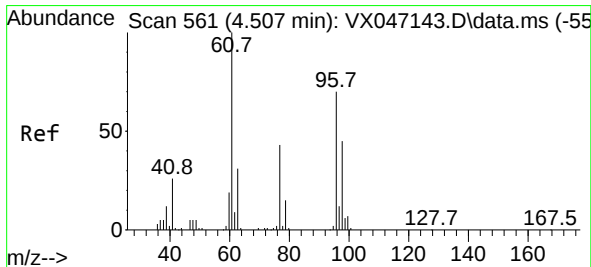
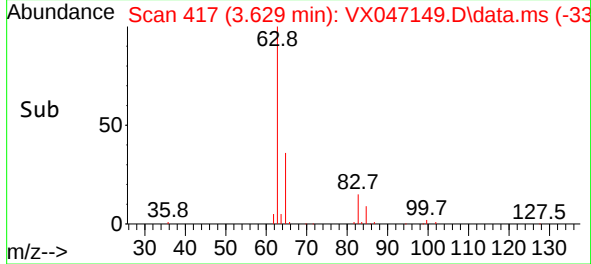
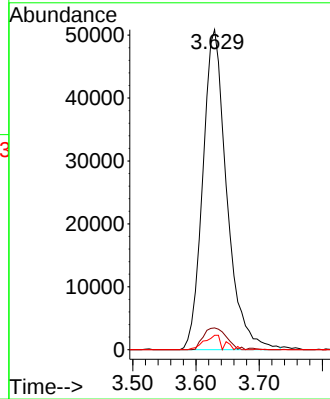
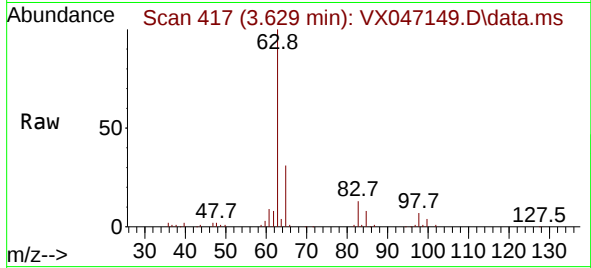
#21
1,1-Dichloroethane
Concen: 10.560 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 13418
Ion Ratio Lower Upper
63 100
98 7.2 3.5 10.5
100 4.3 2.2 6.6

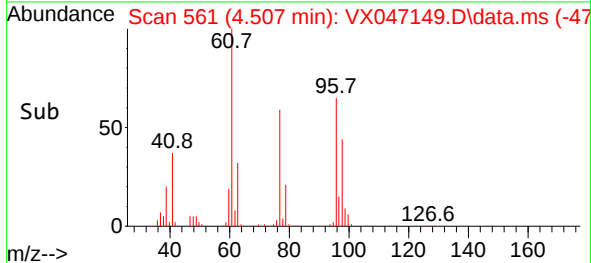
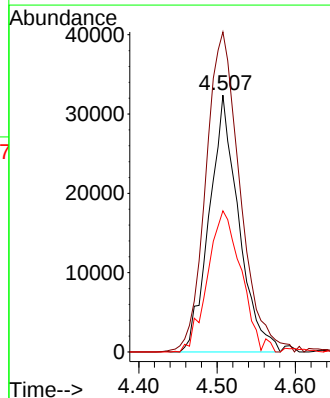
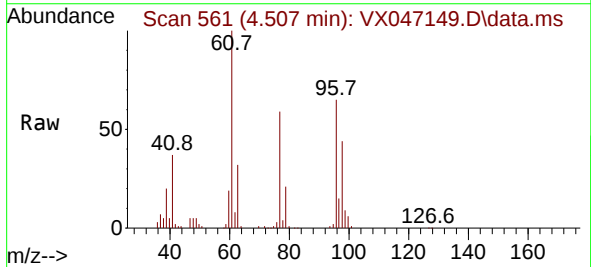
Manual Integrations
APPROVED

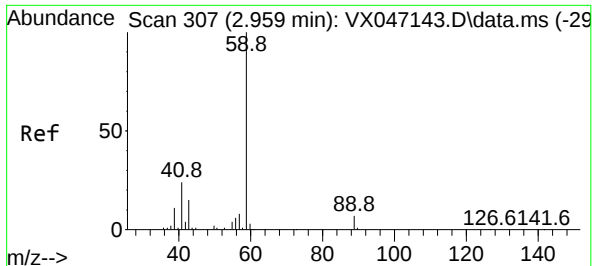
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#22
cis-1,2-Dichloroethene
Concen: 10.562 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Tgt Ion: 96 Resp: 84407
Ion Ratio Lower Upper
96 100
61 144.7 120.0 180.0
98 61.4 52.8 79.2





#23

tert-Butyl Alcohol

Concen: 49.962 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX047149.D

Acq: 25 Jul 2025 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 59 Resp: 45530

Ion Ratio Lower Upper

59 100

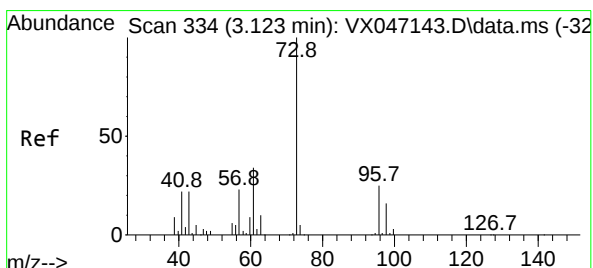
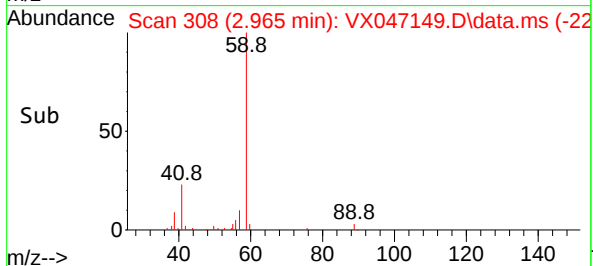
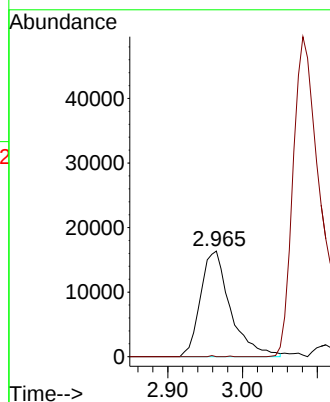
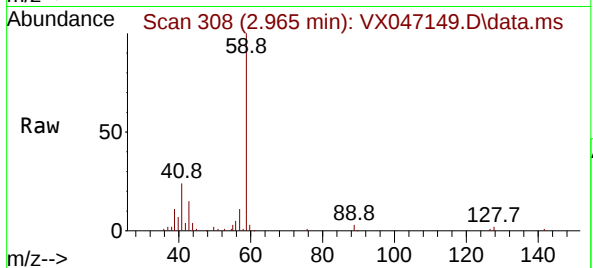
52 0.0 0.2 0.25

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#24

Methyl tert-Butyl Ether

Concen: 10.326 ug/l

RT: 3.130 min Scan# 335

Delta R.T. 0.006 min

Lab File: VX047149.D

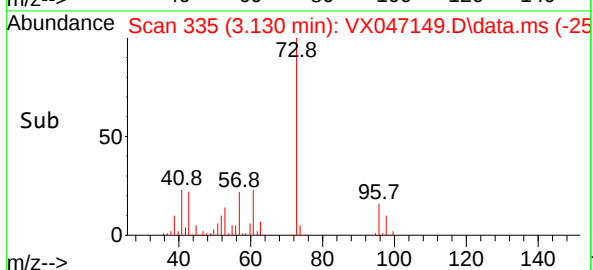
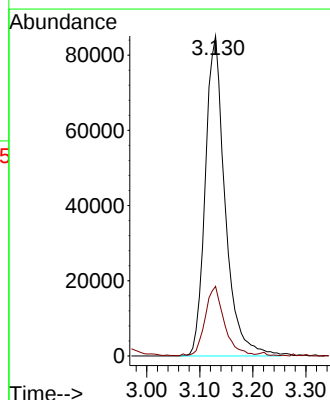
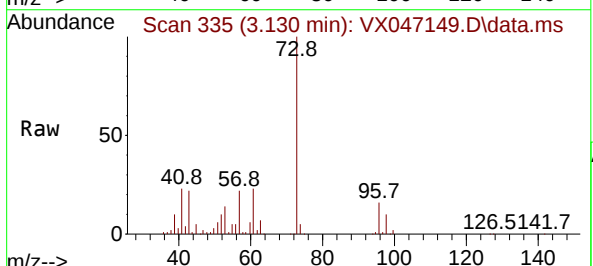
Acq: 25 Jul 2025 17:49

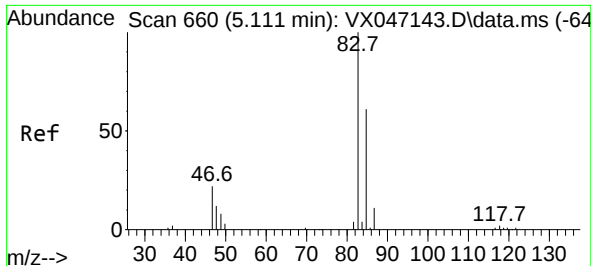
Tgt Ion: 73 Resp: 221032

Ion Ratio Lower Upper

73 100

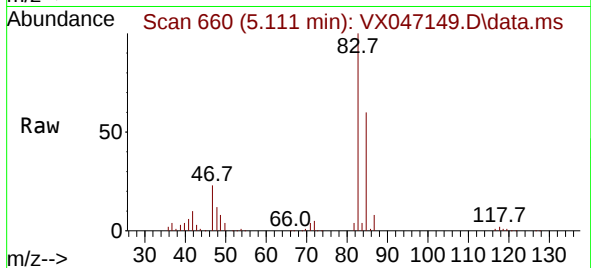
43 21.1 16.9 25.3





#25
Chloroform
Concen: 10.907 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

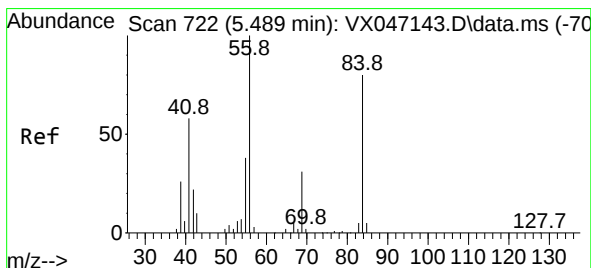
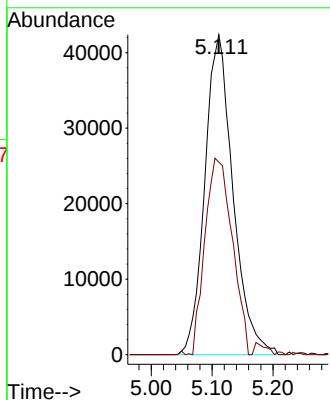
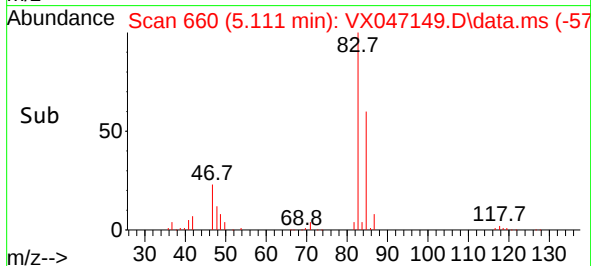
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 136450
Ion Ratio Lower Upper
83 100
85 57.6 48.0 72.0

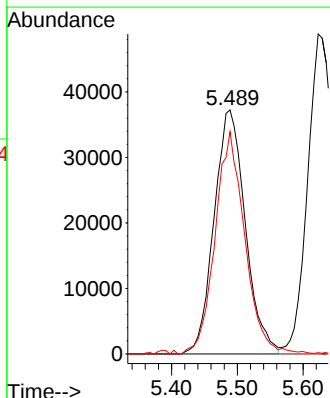
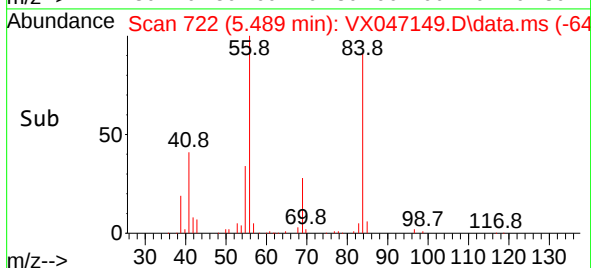
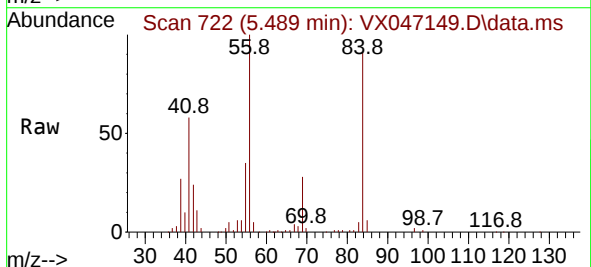
Manual Integrations
APPROVED

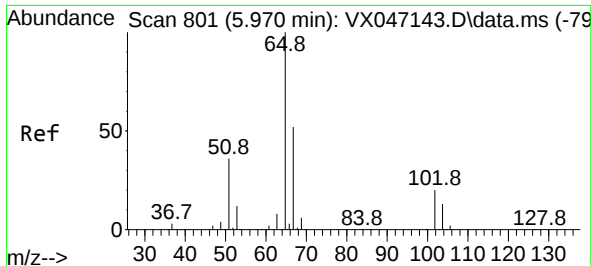
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#26
Cyclohexane
Concen: 9.980 ug/l
RT: 5.489 min Scan# 722
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Tgt Ion: 56 Resp: 123140
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.5 67.9 101.9





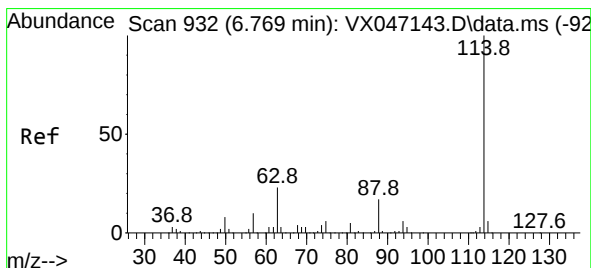
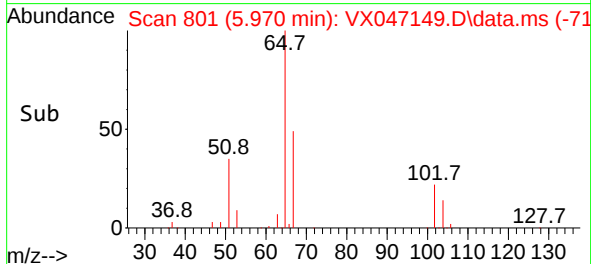
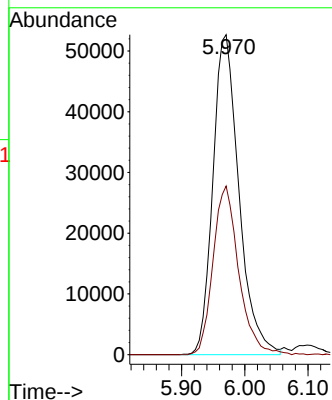
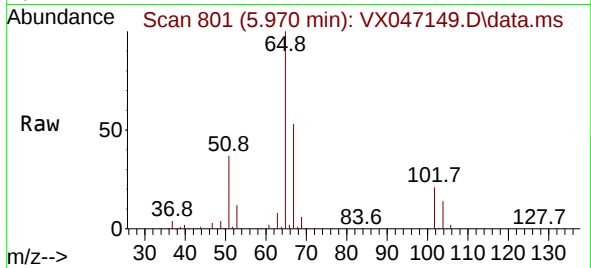
#27
1,2-Dichloroethane-d4
Concen: 18.894 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 15074
Ion Ratio Lower Upper
65 100
67 51.9 40.7 61.1

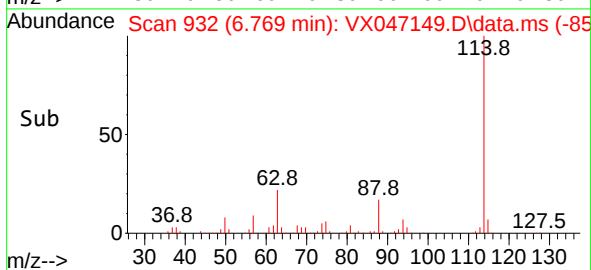
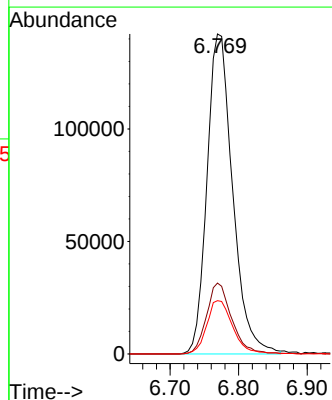
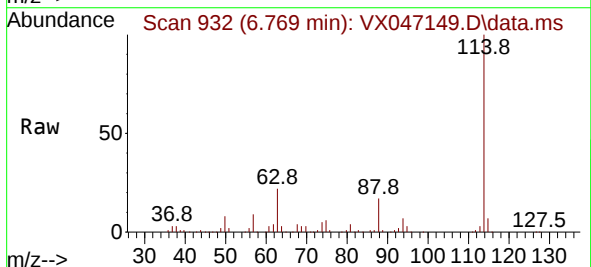
Manual Integrations
APPROVED

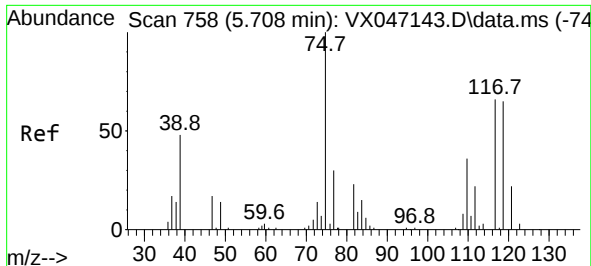
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Tgt Ion:114 Resp: 370240
Ion Ratio Lower Upper
114 100
63 21.6 17.4 26.0
88 16.8 13.0 19.6





#29

1,1-Dichloropropene

Concen: 16.513 ug/l

RT: 5.708 min Scan# 75

Delta R.T. 0.000 min

Lab File: VX047149.D

Acq: 25 Jul 2025 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

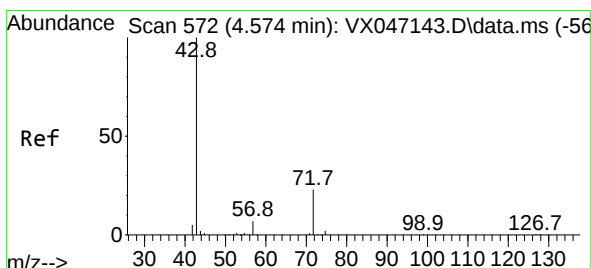
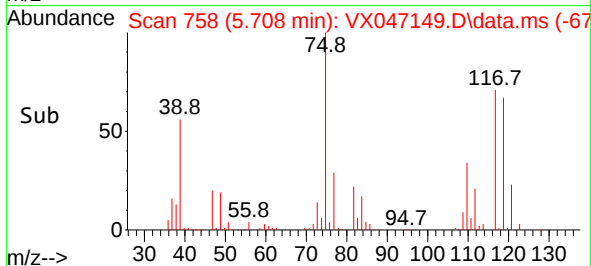
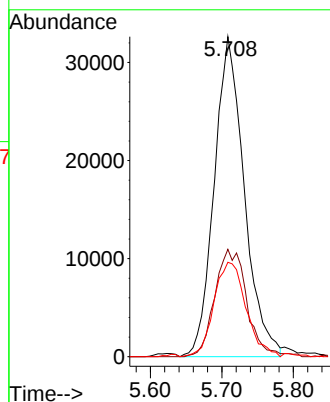
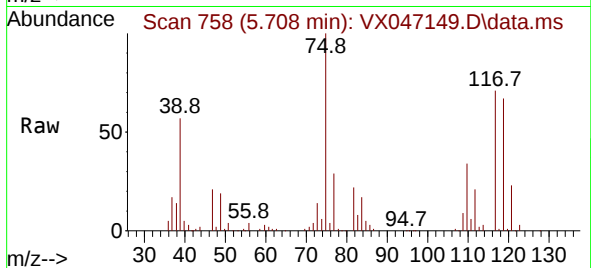
Tgt Ion:	75	Resp:	95219
Ion Ratio	Lower	Upper	
75	100		
110	35.4	0.0	70.8
77	31.4	0.0	61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#30

2-Butanone

Concen: 78.758 ug/l

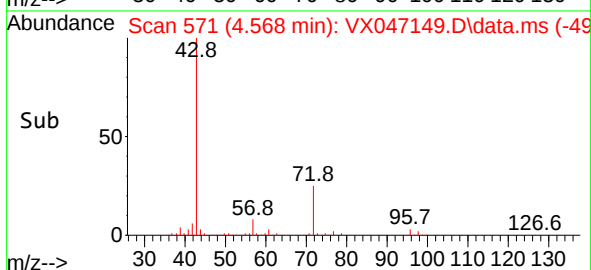
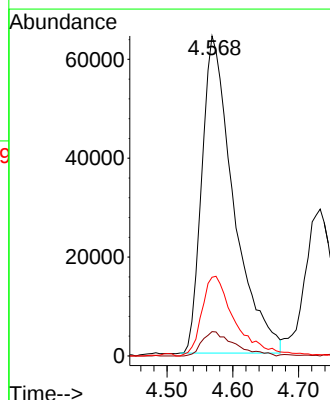
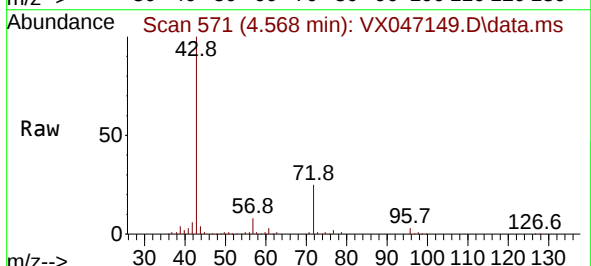
RT: 4.568 min Scan# 571

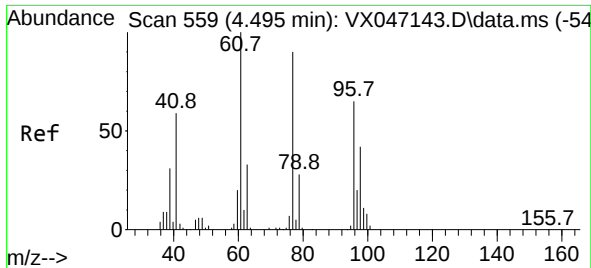
Delta R.T. -0.006 min

Lab File: VX047149.D

Acq: 25 Jul 2025 17:49

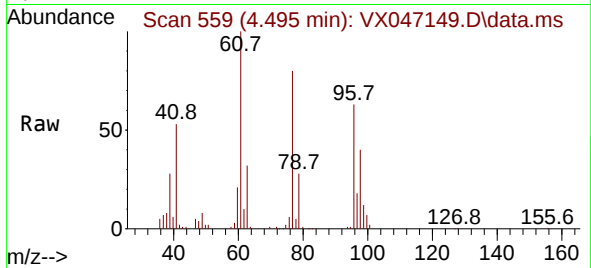
Tgt Ion:	43	Resp:	214513
Ion Ratio	Lower	Upper	
43	100		
57	7.3	5.9	8.9
72	23.8	20.2	30.2





#31
2,2-Dichloropropane
Concen: 15.555 ug/l m
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

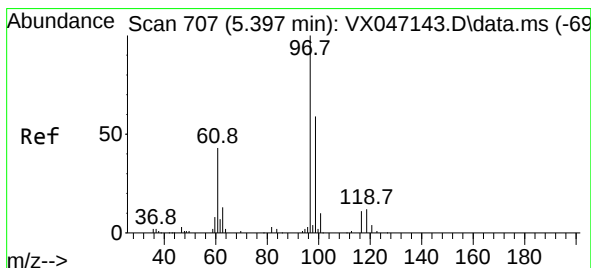
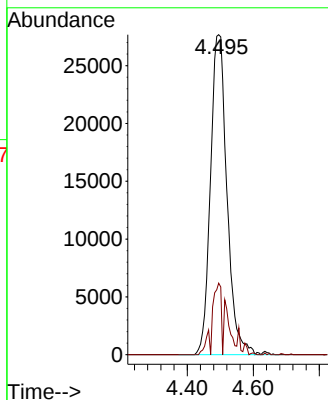
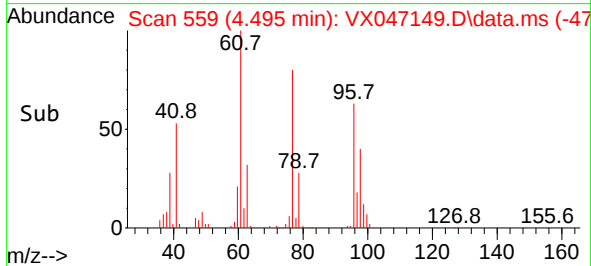
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 77 Resp: 96309
Ion Ratio Lower Upper
77 100
97 0.1 14.5 21.75

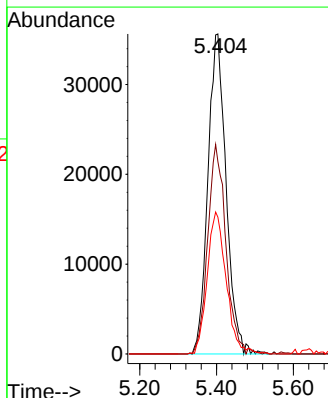
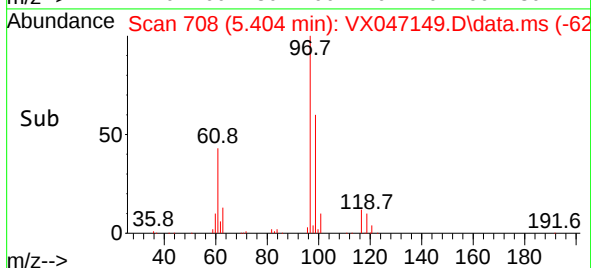
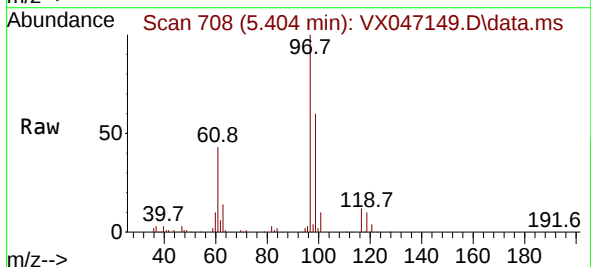
Manual Integrations
APPROVED

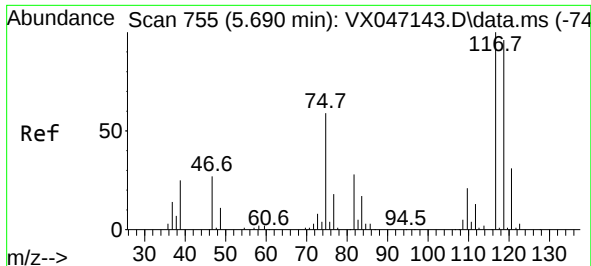
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#32
1,1,1-Trichloroethane
Concen: 16.401 ug/l m
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

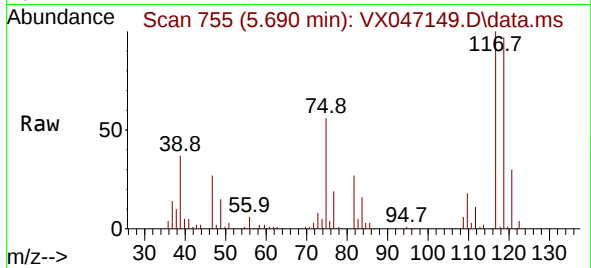
Tgt Ion: 97 Resp: 117117
Ion Ratio Lower Upper
97 100
99 0.1 30.0 45.0#
61 0.1 36.1 54.1#





#33
Carbon Tetrachloride
Concen: 14.410 ug/l m
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

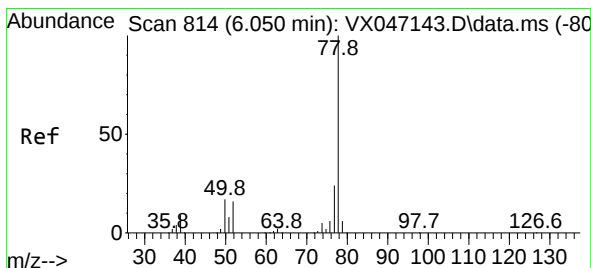
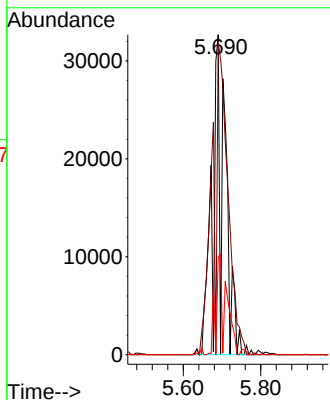
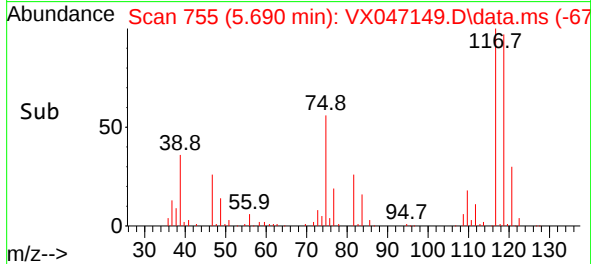
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 72800
Ion Ratio Lower Upper
117 100
119 96.7 76.5 114.7
121 30.4 0.5 0.7

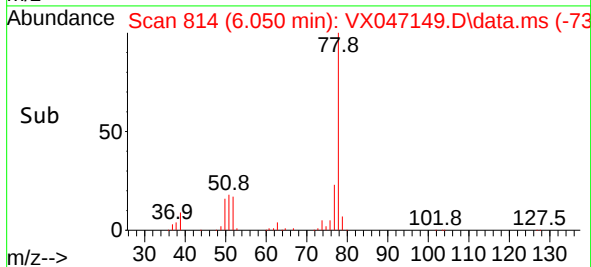
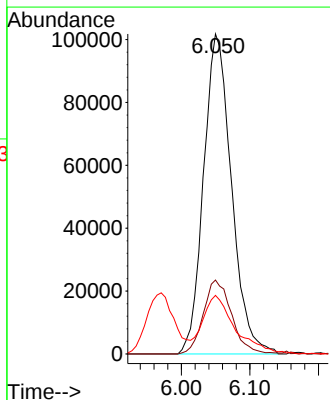
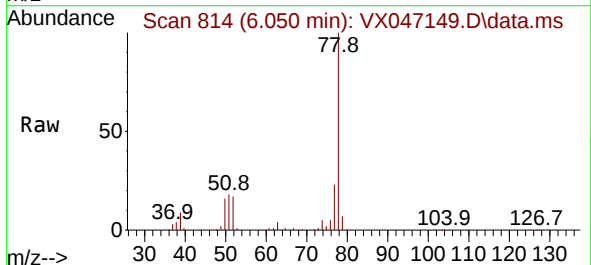
Manual Integrations
APPROVED

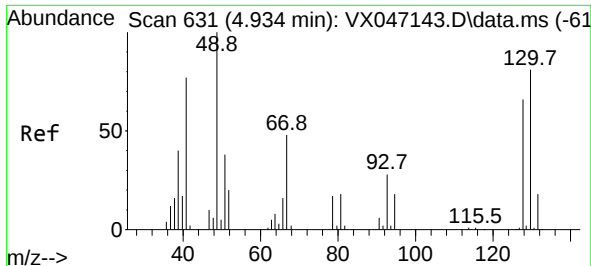
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#34
Benzene
Concen: 16.952 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

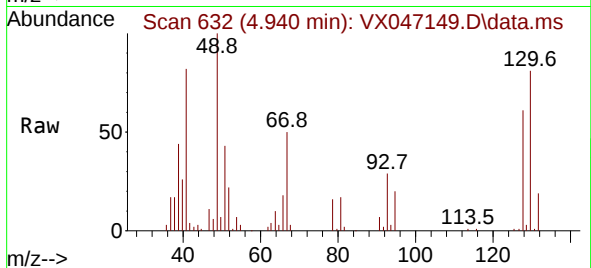
Tgt Ion: 78 Resp: 288601
Ion Ratio Lower Upper
78 100
77 21.3 17.6 26.4
51 16.5 13.8 20.6





#35
Methacrylonitrile
Concen: 16.847 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

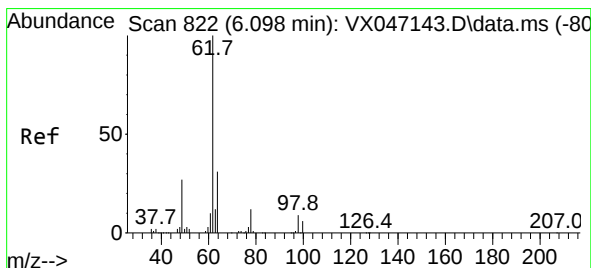
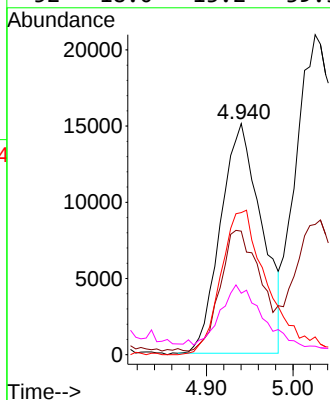
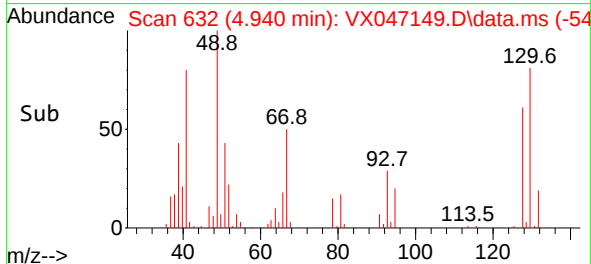
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 49604
Ion Ratio Lower Upper
41 100
39 49.0 26.2 78.5
67 62.7 31.4 94.3
52 18.0 13.2 39.5

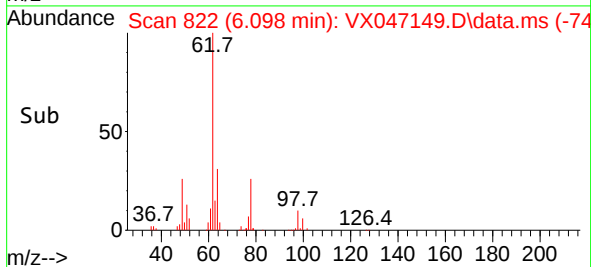
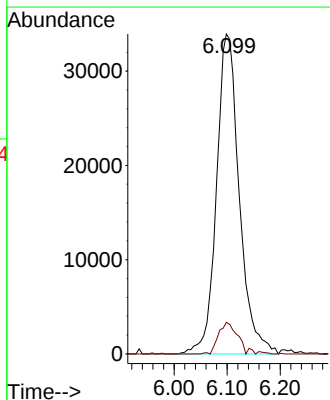
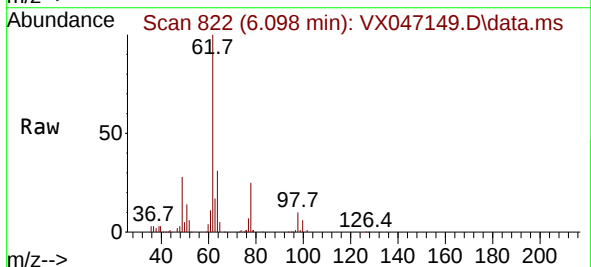
Manual Integrations
APPROVED

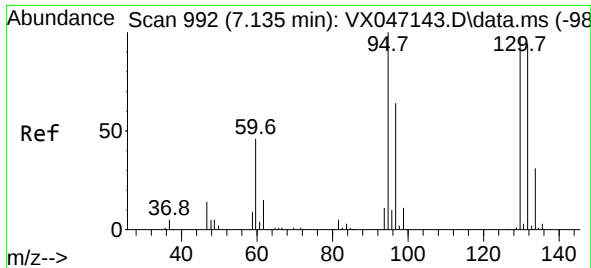
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#36
1,2-Dichloroethane
Concen: 16.571 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

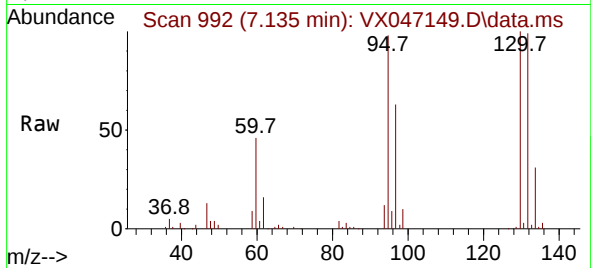
Tgt Ion: 62 Resp: 101308
Ion Ratio Lower Upper
62 100
98 7.9 6.7 10.1





#37
Trichloroethene
Concen: 16.922 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

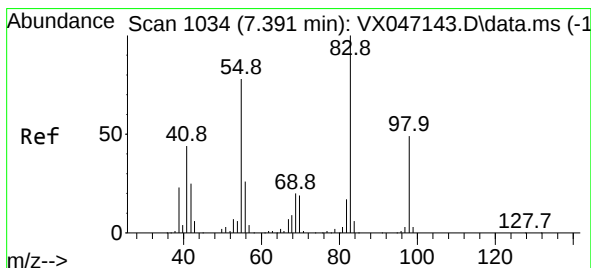
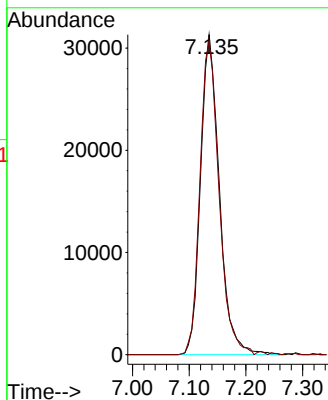
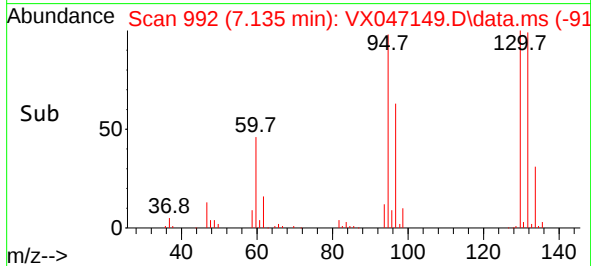
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



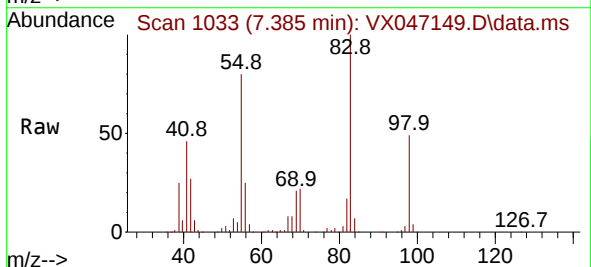
Tgt Ion:130 Resp: 72495
Ion Ratio Lower Upper
130 100
95 95.2 79.4 119.2

Manual Integrations
APPROVED

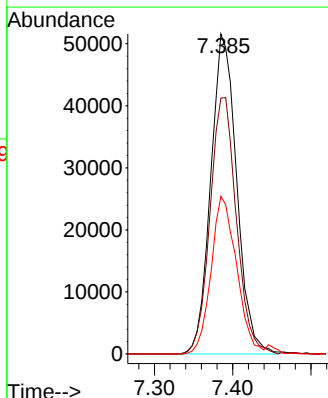
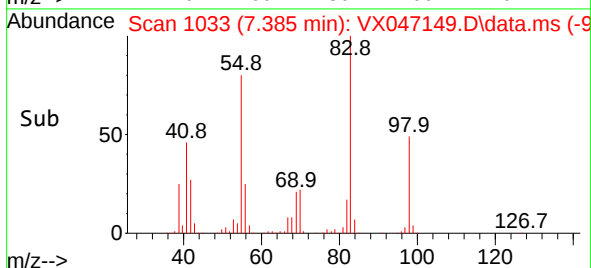
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

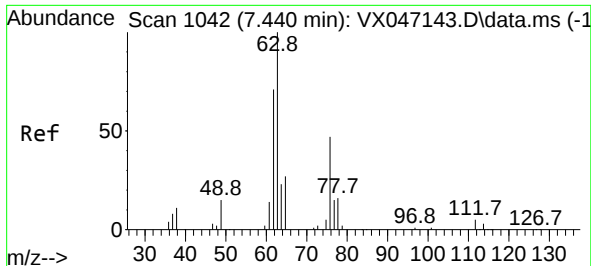


#38
Methylcyclohexane
Concen: 15.974 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49



Tgt Ion: 83 Resp: 118751
Ion Ratio Lower Upper
83 100
55 81.6 40.3 120.8
98 48.4 24.3 72.9





#39

1,2-Dichloropropane

Concen: 15.996 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX047149.D

Acq: 25 Jul 2025 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 6981

Ion Ratio Lower Upper

63 100

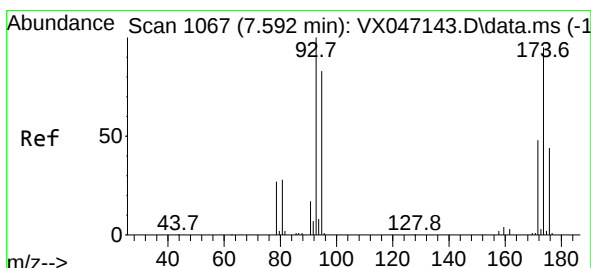
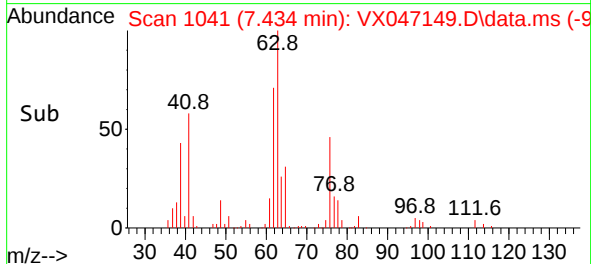
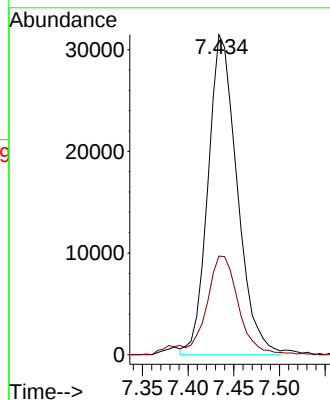
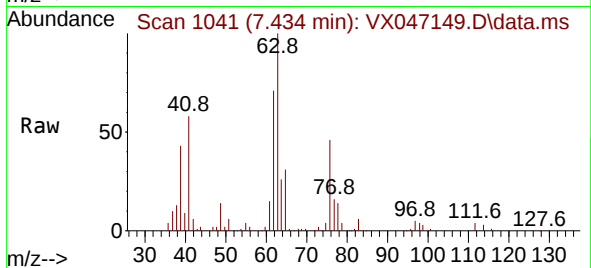
65 24.9 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#40

Dibromomethane

Concen: 15.925 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VX047149.D

Acq: 25 Jul 2025 17:49

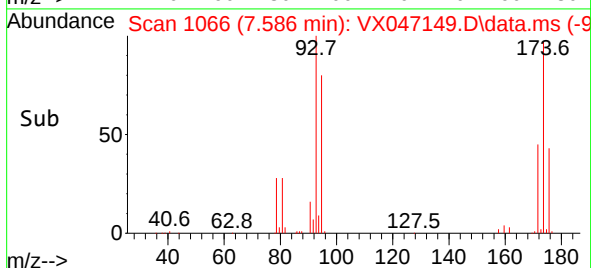
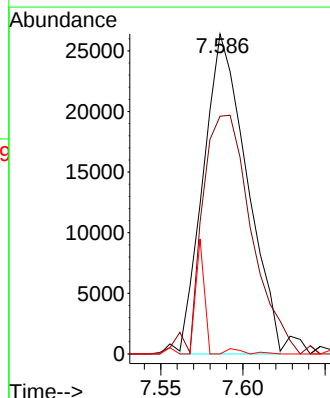
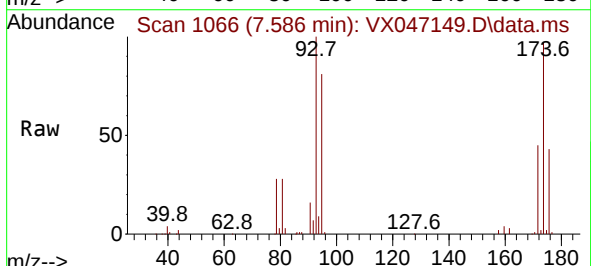
Tgt Ion: 93 Resp: 48484

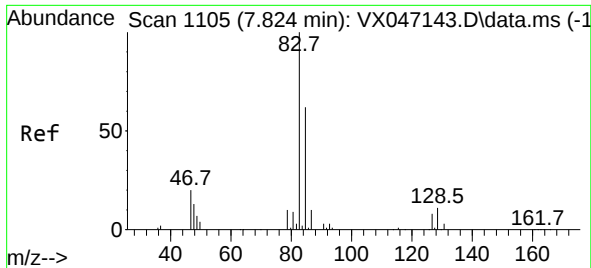
Ion Ratio Lower Upper

93 100

95 82.3 0.0 166.2

174 0.6 0.0 26.4





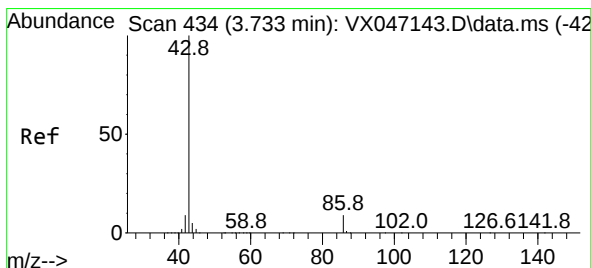
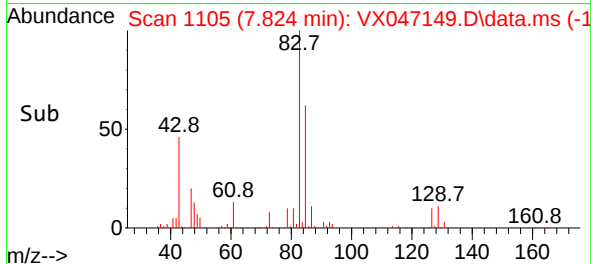
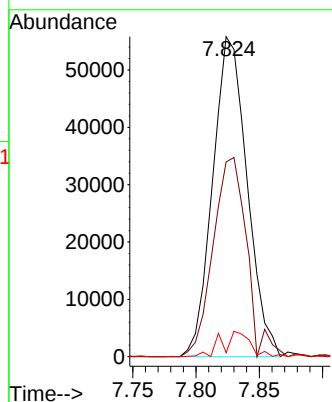
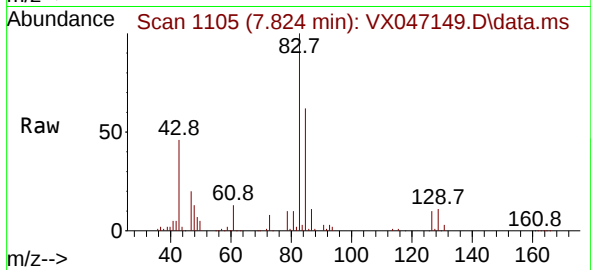
#41
Bromodichloromethane
Concen: 16.569 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 10556
Ion Ratio Lower Upper
83 100
85 60.9 47.2 70.8
127 1.2 7.1 10.7

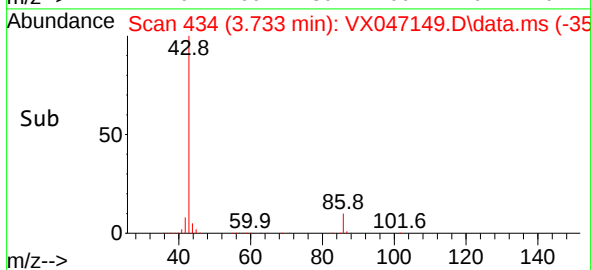
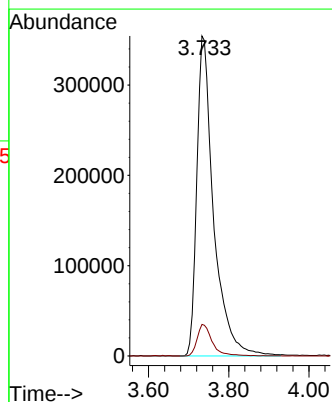
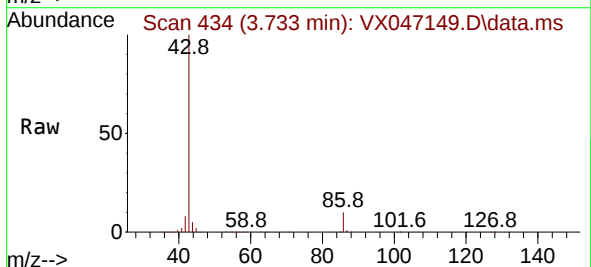
Manual Integrations
APPROVED

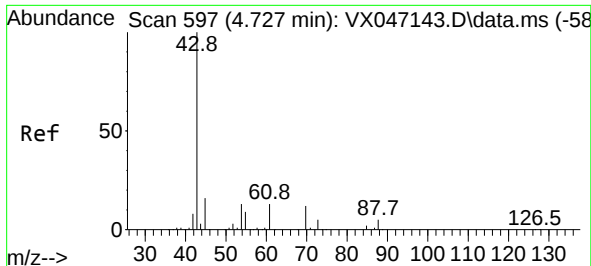
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#42
Vinyl Acetate
Concen: 82.338 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Tgt Ion: 43 Resp: 1030967
Ion Ratio Lower Upper
43 100
86 8.8 6.9 10.3





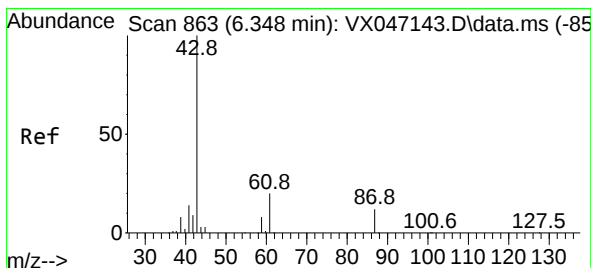
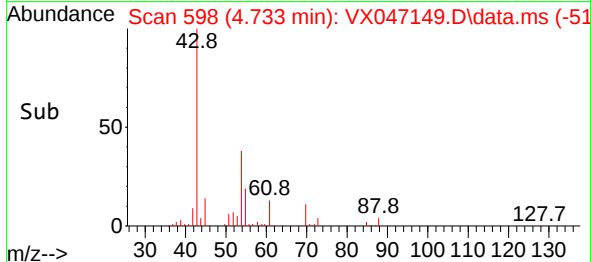
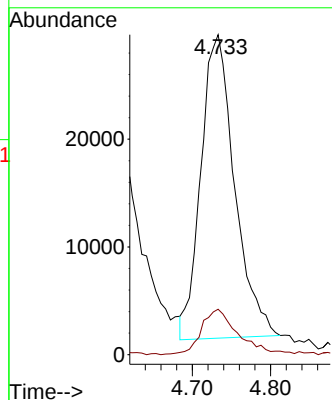
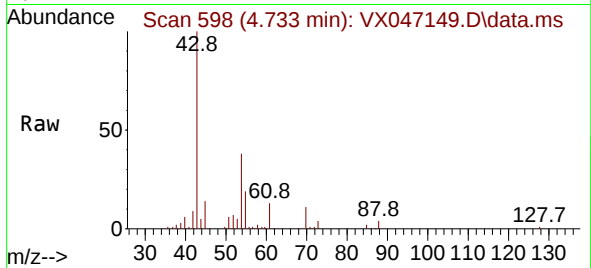
#43
Ethyl Acetate
Concen: 13.562 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.006 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 84228
Ion Ratio Lower Upper
43 100
45 15.9 10.6 16.0

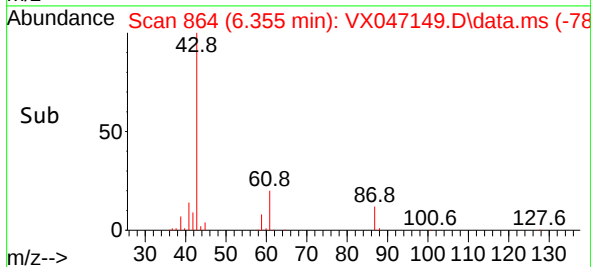
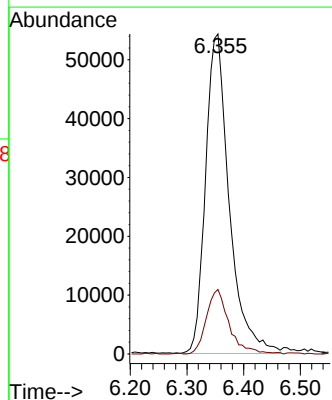
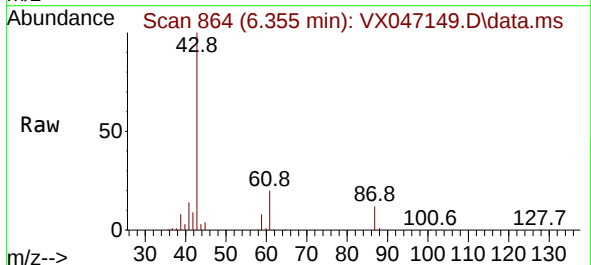
Manual Integrations
APPROVED

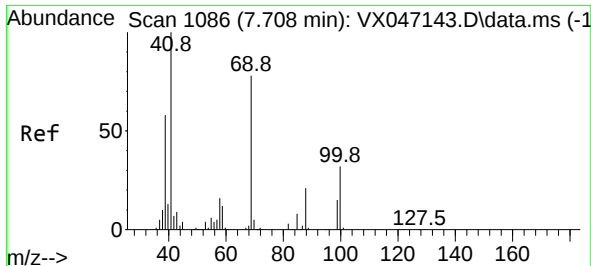
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#44
Isopropyl Acetate
Concen: 16.105 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.006 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Tgt Ion: 43 Resp: 157373
Ion Ratio Lower Upper
43 100
61 19.0 14.7 22.1





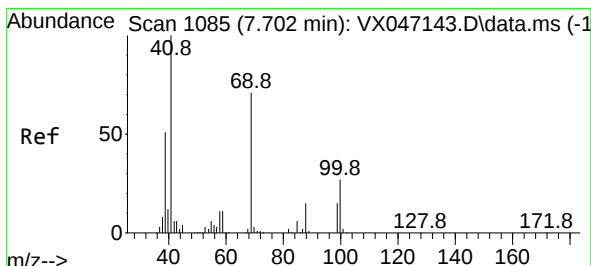
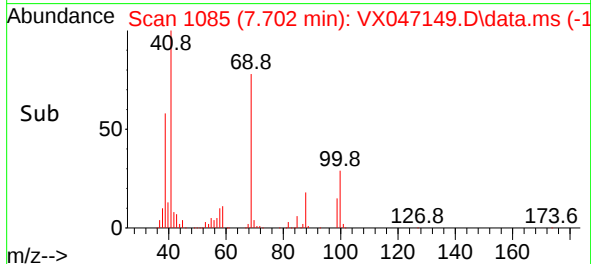
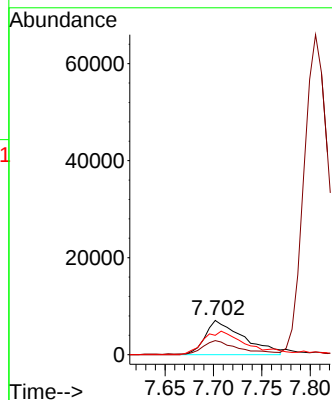
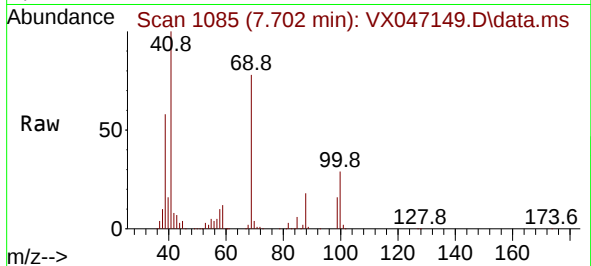
#45
1,4-Dioxane
Concen: 317.387 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. -0.006 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 88 Resp: 1938
Ion Ratio Lower Upper
88 100
43 30.8 30.2 45.2
58 69.1 33.3 49.9

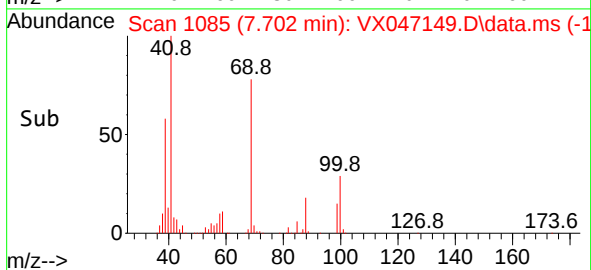
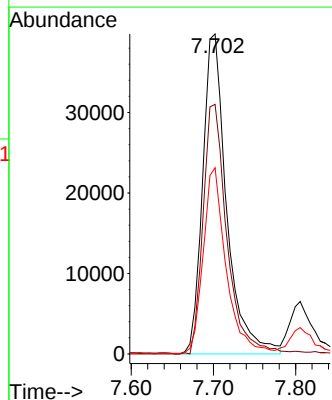
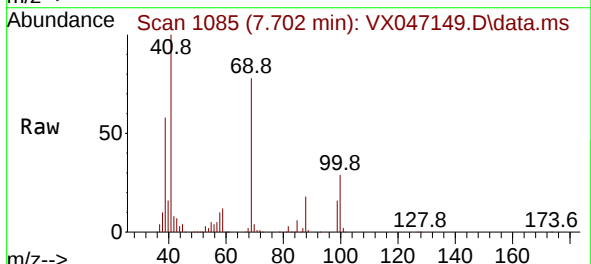
Manual Integrations
APPROVED

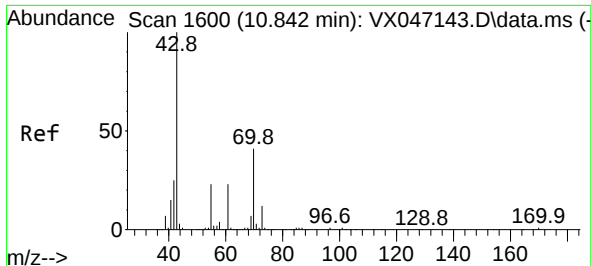
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#46
Methyl methacrylate
Concen: 16.134 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

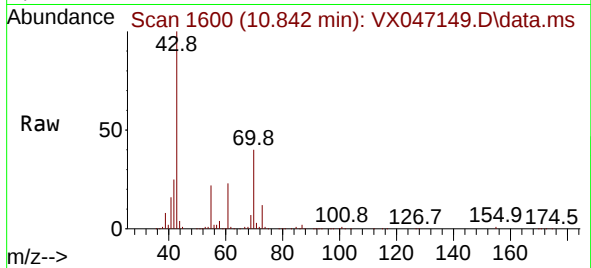
Tgt Ion: 41 Resp: 80900
Ion Ratio Lower Upper
41 100
69 78.0 35.8 107.3
39 58.0 24.4 73.4





#47
n-amyl acetate
Concen: 16.341 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

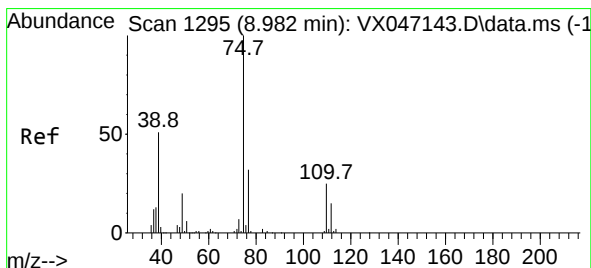
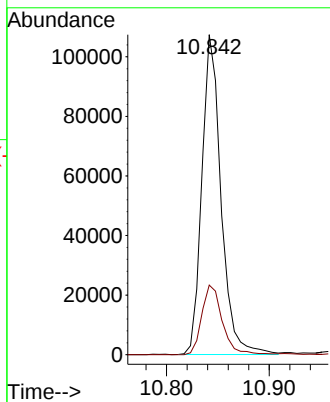
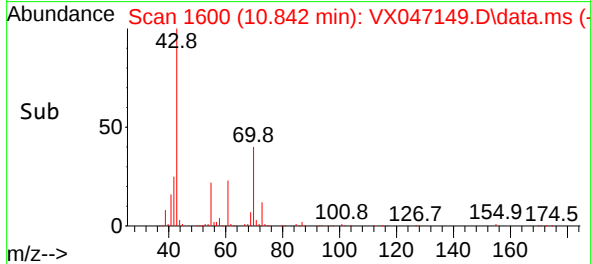
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 139618
Ion Ratio Lower Upper
43 100
55 23.2 18.4 27.6

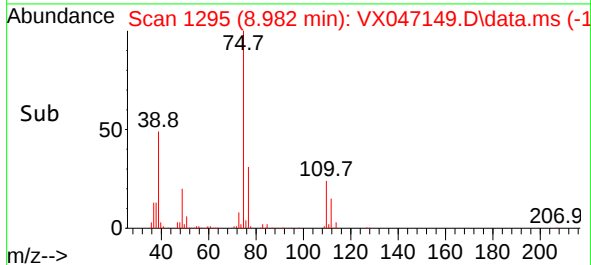
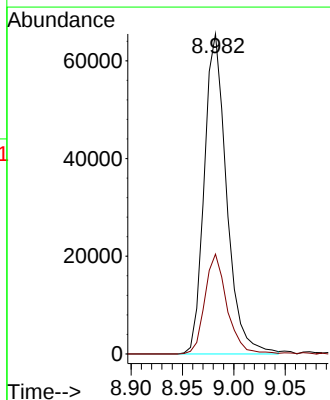
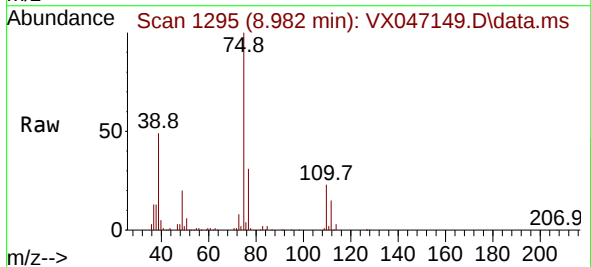
Manual Integrations
APPROVED

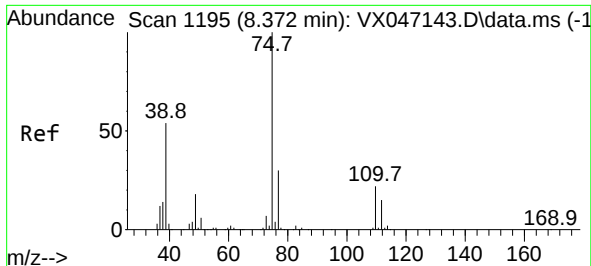
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#48
t-1,3-Dichloropropene
Concen: 16.144 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Tgt Ion: 75 Resp: 99408
Ion Ratio Lower Upper
75 100
77 30.8 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 15.926 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX047149.D

Acq: 25 Jul 2025 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 10727

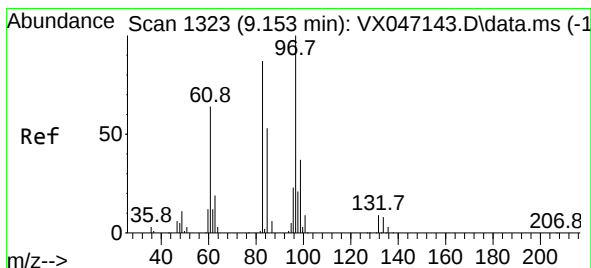
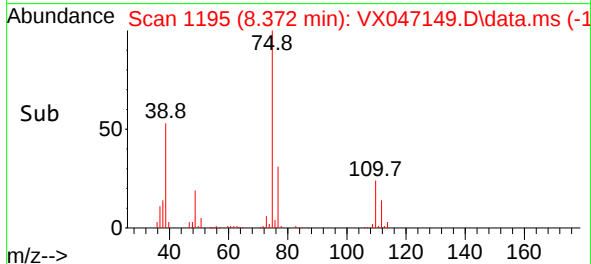
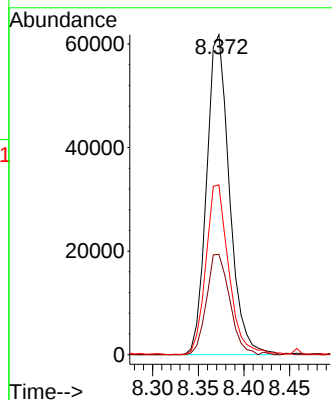
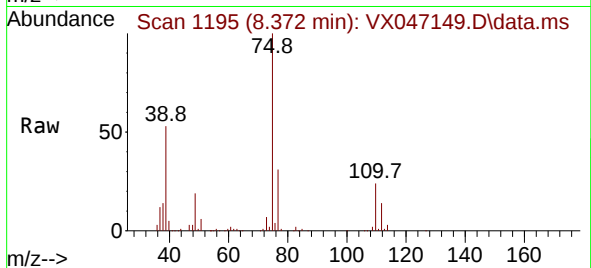
Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.1	37.7
39	51.0	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#50

1,1,2-Trichloroethane

Concen: 16.530 ug/l

RT: 9.153 min Scan# 1323

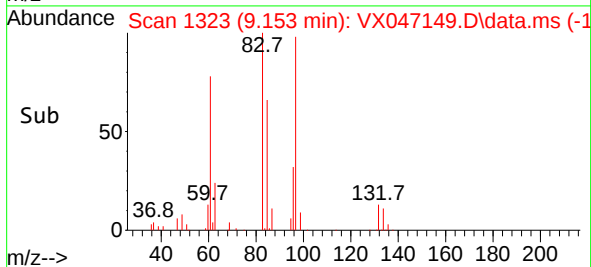
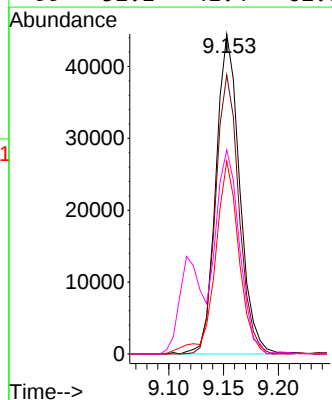
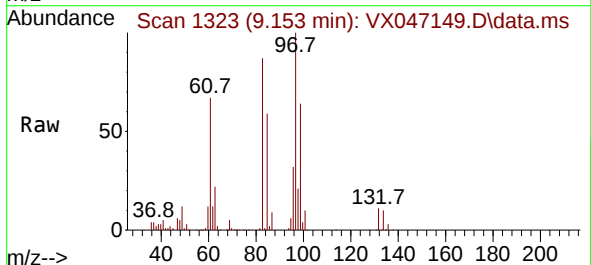
Delta R.T. 0.000 min

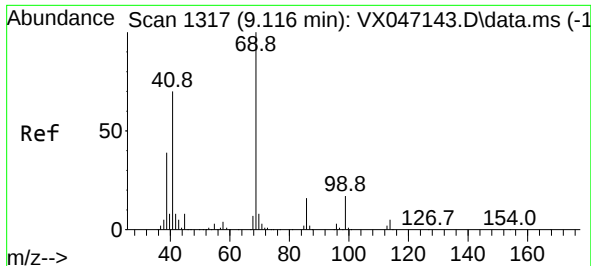
Lab File: VX047149.D

Acq: 25 Jul 2025 17:49

Tgt Ion: 97 Resp: 66926

Ion	Ratio	Lower	Upper
97	100		
83	71.9	58.3	87.5
85	49.7	36.5	54.7
99	52.1	41.4	62.0





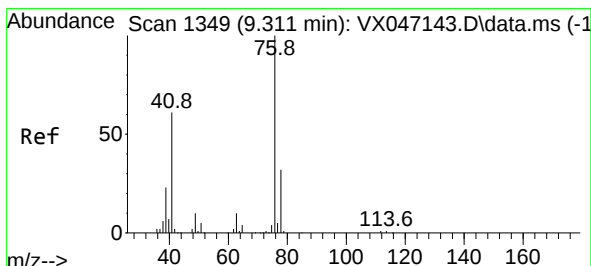
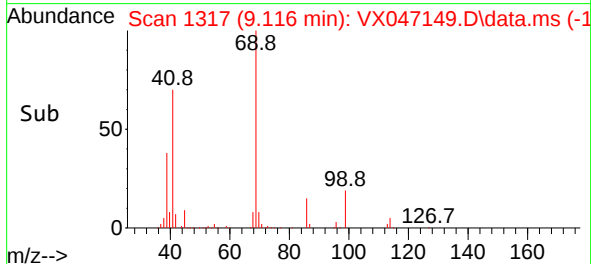
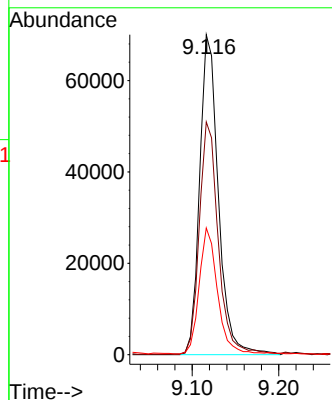
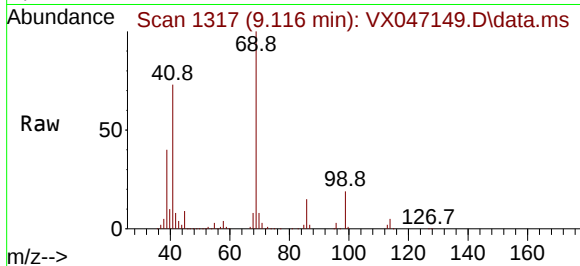
#51
Ethyl methacrylate
Concen: 15.937 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 69 Resp: 105197
Ion Ratio Lower Upper
69 100
41 72.6 35.0 105.1
39 39.4 19.5 58.5

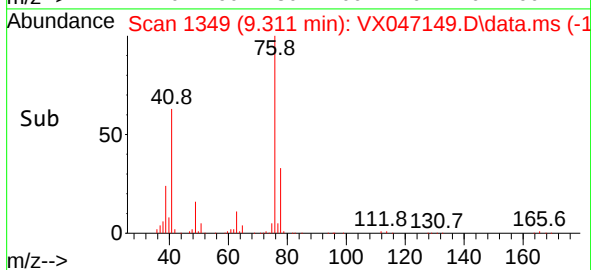
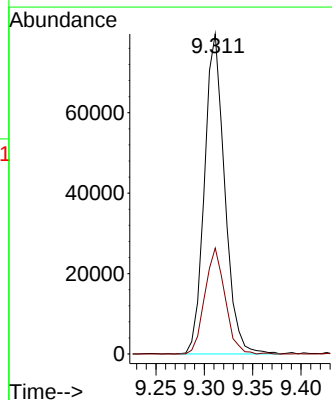
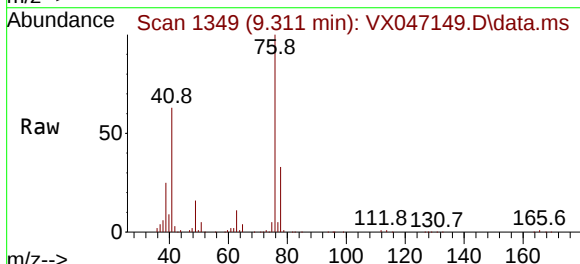
Manual Integrations
APPROVED

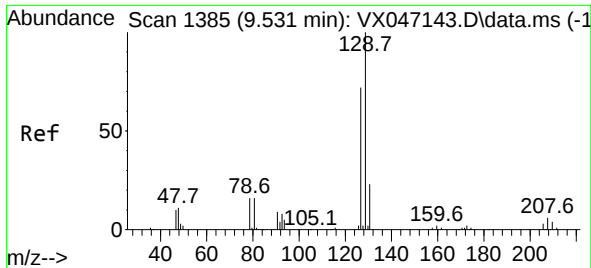
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#52
1,3-Dichloropropane
Concen: 16.543 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

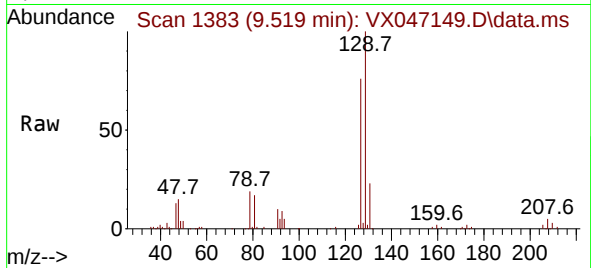
Tgt Ion: 76 Resp: 116196
Ion Ratio Lower Upper
76 100
78 32.9 0.0 63.6





#53
Dibromochloromethane
Concen: 15.186 ug/l m
RT: 9.519 min Scan# 1383
Delta R.T. -0.012 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

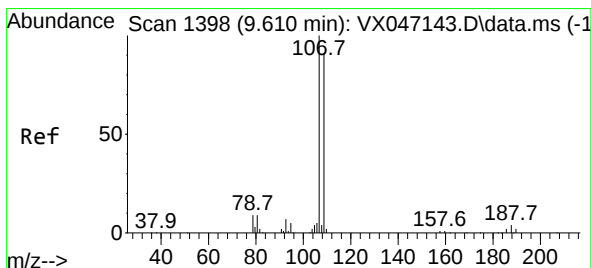
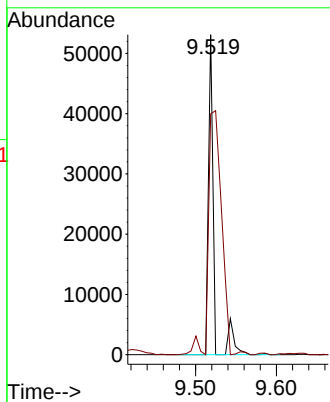
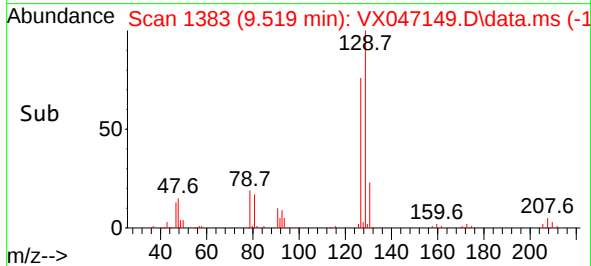
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:129 Resp: 2258
Ion Ratio Lower Upper
129 100
127 0.6 125.0 374.9

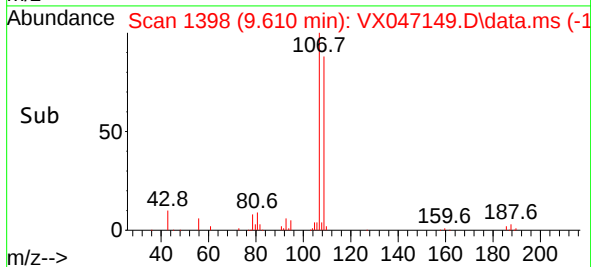
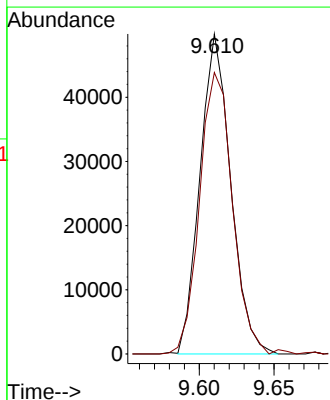
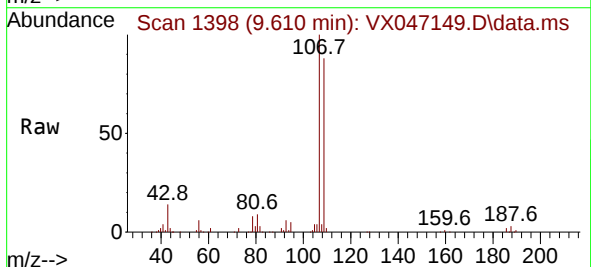
Manual Integrations
APPROVED

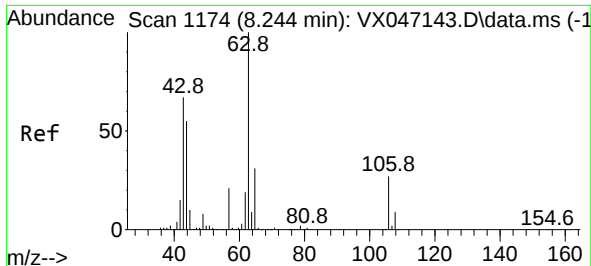
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#54
1,2-Dibromoethane
Concen: 16.816 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

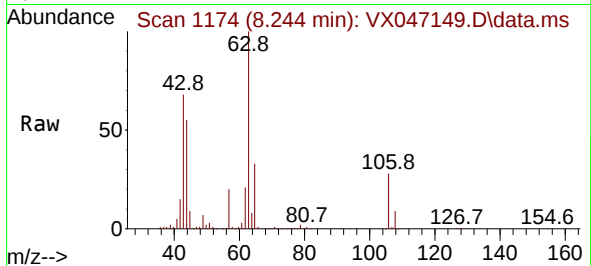
Tgt Ion:107 Resp: 71279
Ion Ratio Lower Upper
107 100
109 93.7 74.0 111.0





#55
2-Chloroethyl vinyl ether
Concen: 85.216 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

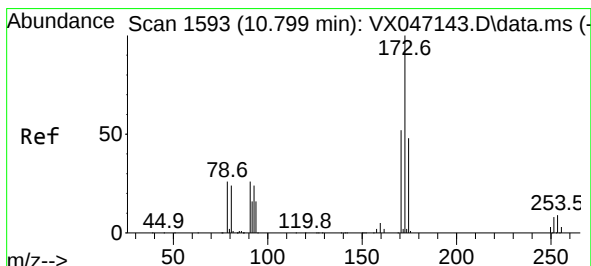
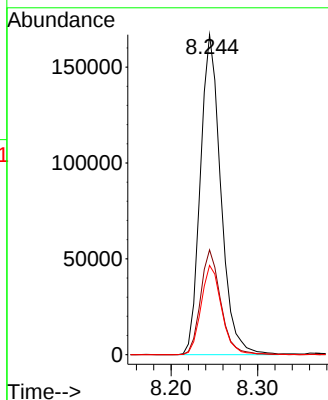
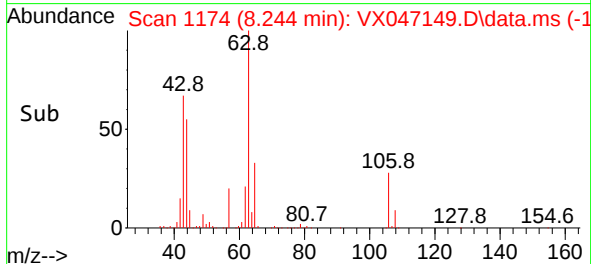
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 63 Resp: 274290
Ion Ratio Lower Upper
63 100
65 32.1 25.8 38.6
106 28.0 22.1 33.1

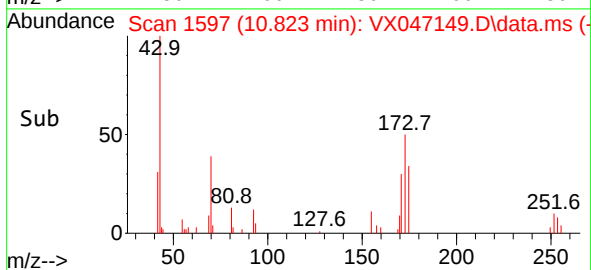
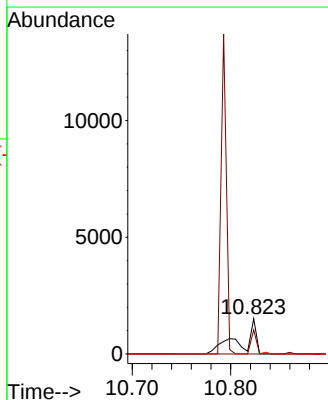
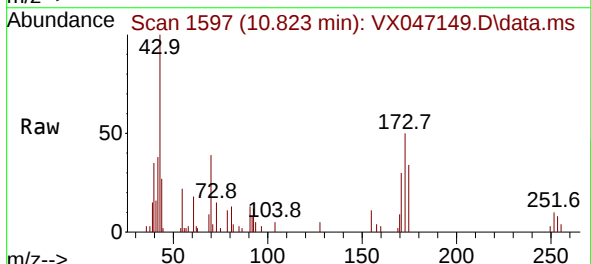
Manual Integrations
APPROVED

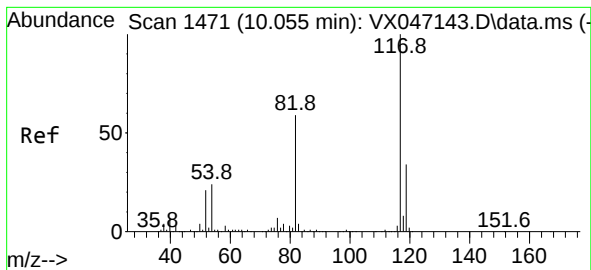
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#56
Bromoform
Concen: 25.875 ug/l m
RT: 10.823 min Scan# 1597
Delta R.T. 0.024 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

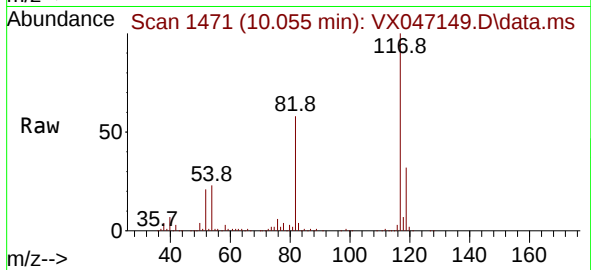
Tgt Ion:173 Resp: 1559
Ion Ratio Lower Upper
173 100
175 325.9 2.6 3.8#
254 0.0 2.2 3.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

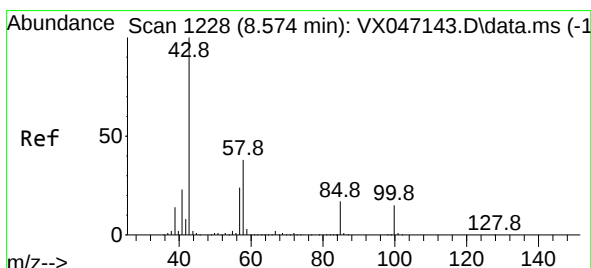
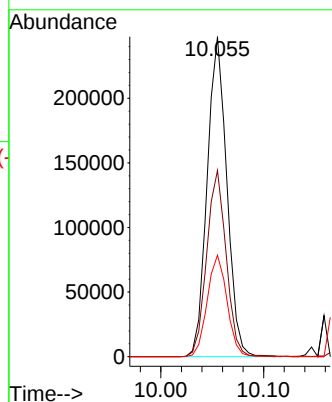
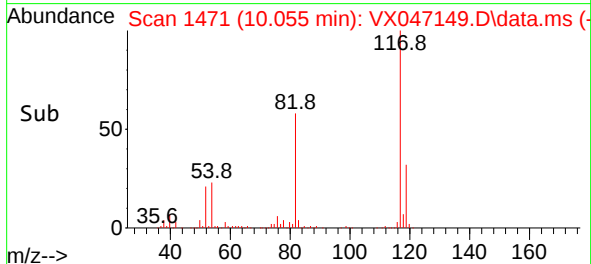
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 117 Resp: 328858
Ion Ratio Lower Upper
117 100
82 57.7 46.0 69.0
119 32.1 25.8 38.8

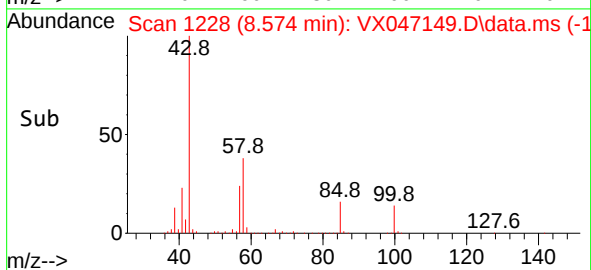
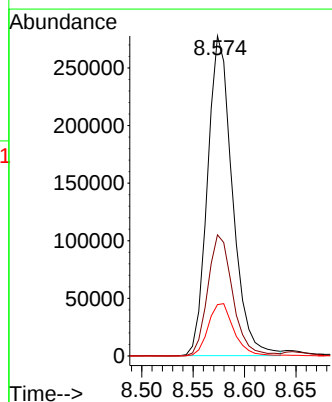
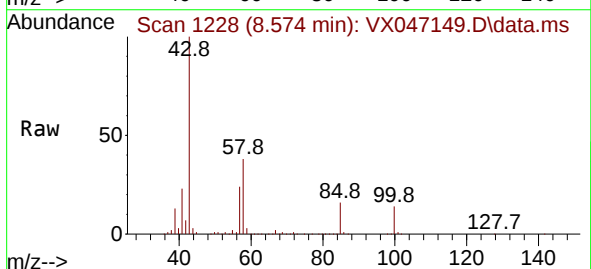
Manual Integrations
APPROVED

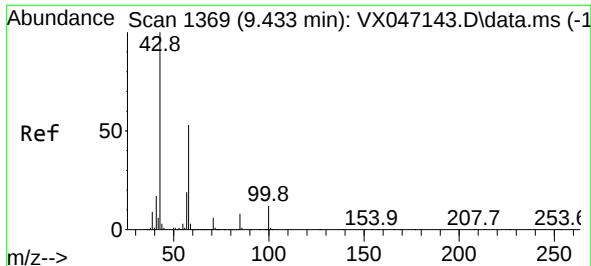
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#58
4-Methyl-2-Pentanone
Concen: 81.439 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

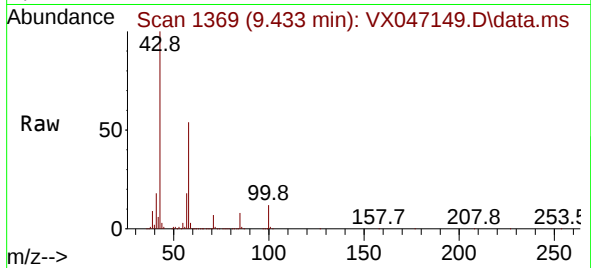
Tgt Ion: 43 Resp: 467294
Ion Ratio Lower Upper
43 100
58 38.2 30.6 45.8
85 16.9 13.4 20.2





#59
2-Hexanone
Concen: 80.938 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

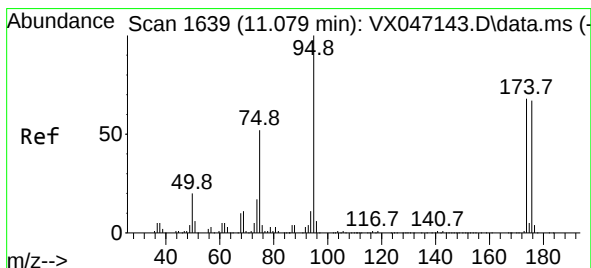
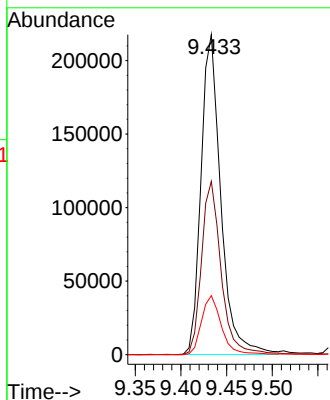
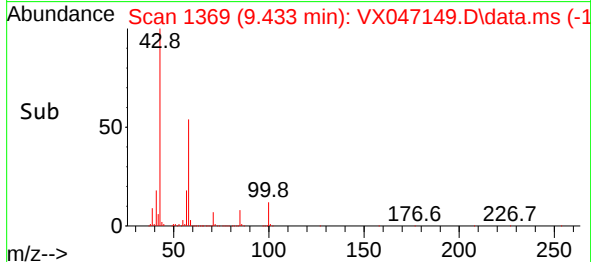
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 328530
Ion Ratio Lower Upper
43 100
58 53.9 42.0 63.0
57 18.6 14.6 21.8

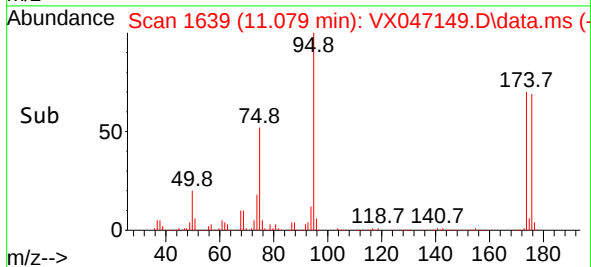
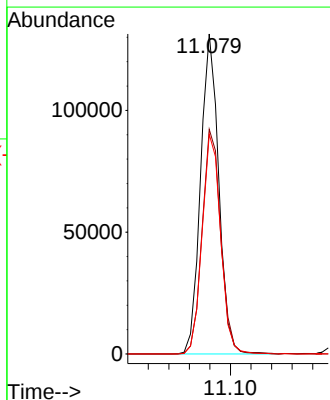
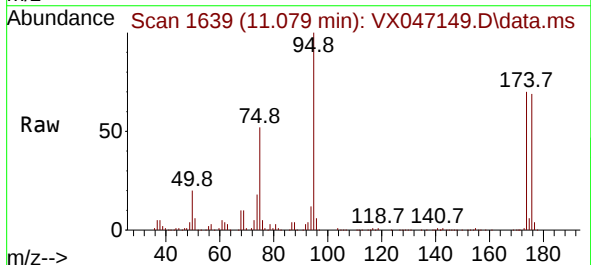
Manual Integrations
APPROVED

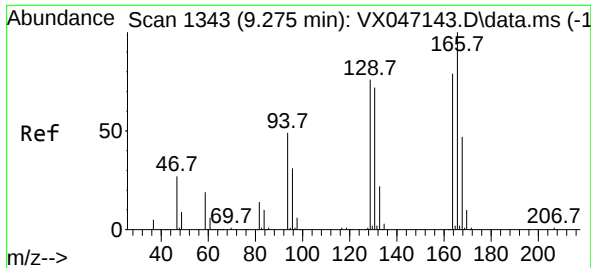
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#60
4-Bromofluorobenzene
Concen: 30.161 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

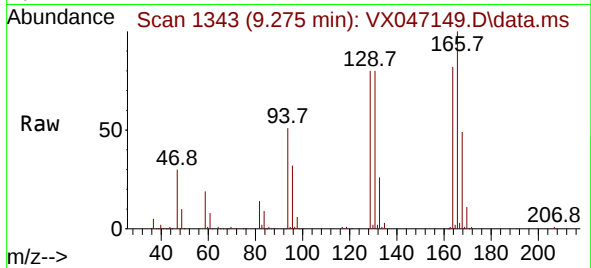
Tgt Ion: 95 Resp: 161617
Ion Ratio Lower Upper
95 100
174 72.0 57.5 86.3
176 69.9 56.4 84.6





#61
Tetrachloroethene
Concen: 16.333 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

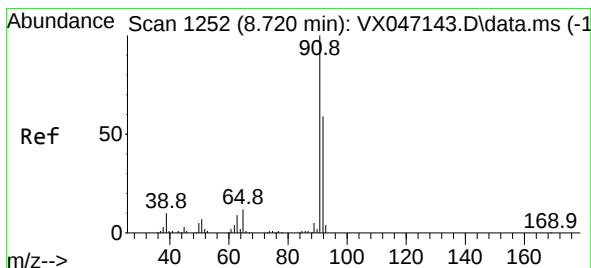
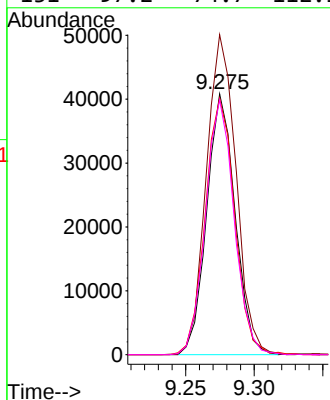
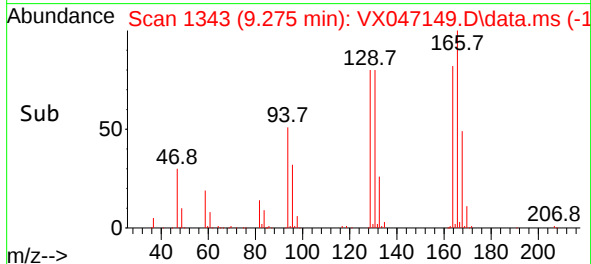
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:164 Resp: 5881
Ion Ratio Lower Upper
164 100
166 122.5 101.0 151.4
129 97.6 78.6 117.8
131 97.2 74.7 112.1

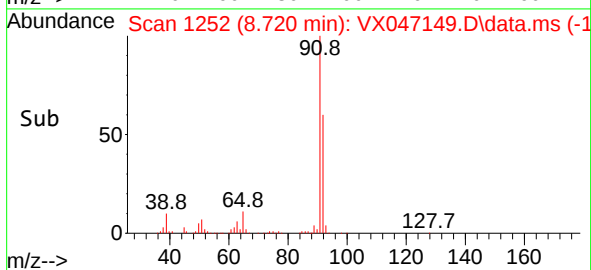
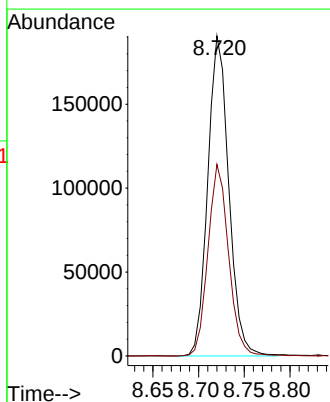
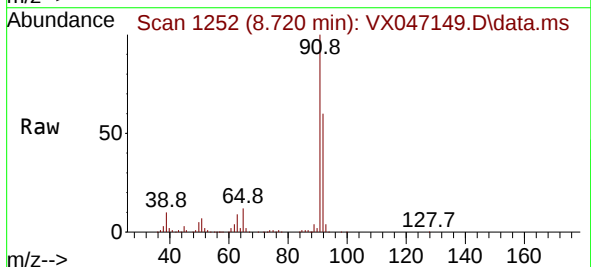
Manual Integrations
APPROVED

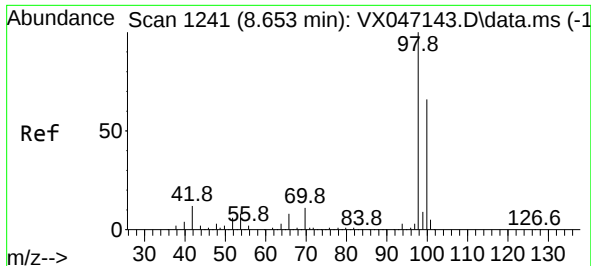
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#62
Toluene
Concen: 16.573 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

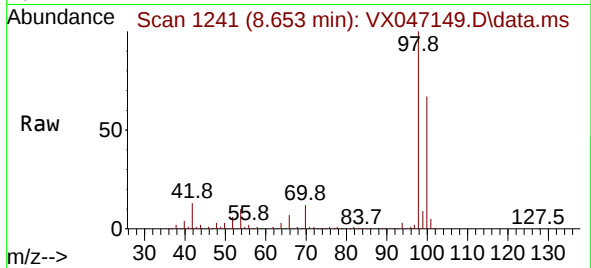
Tgt Ion: 91 Resp: 304786
Ion Ratio Lower Upper
91 100
92 58.8 46.6 69.8





#63
Toluene-d8
Concen: 29.821 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

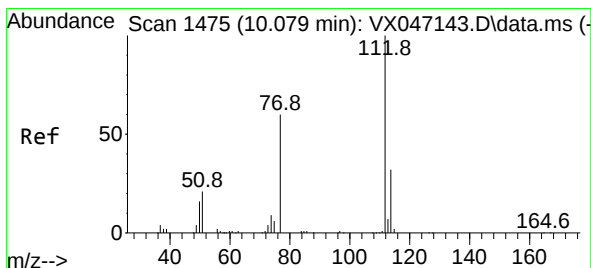
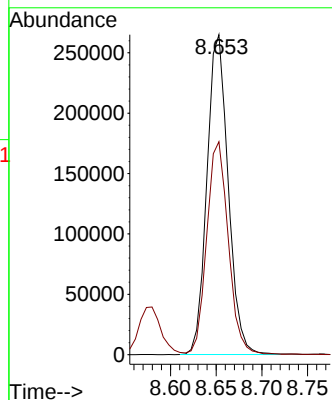
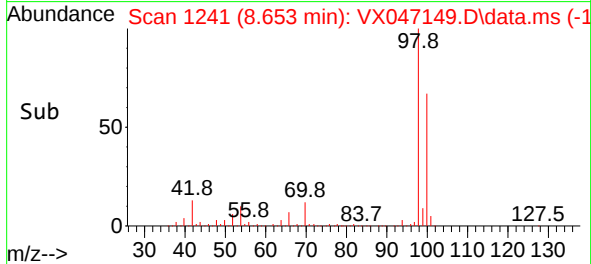
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



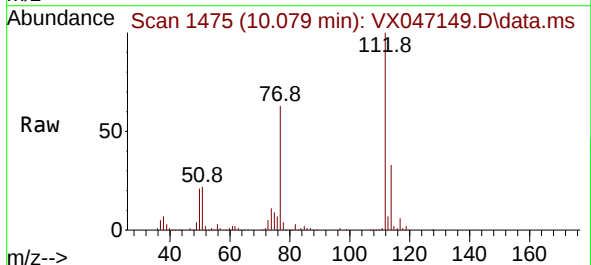
Tgt Ion: 98 Resp: 427135
Ion Ratio Lower Upper
98 100
100 67.5 52.9 79.3

Manual Integrations
APPROVED

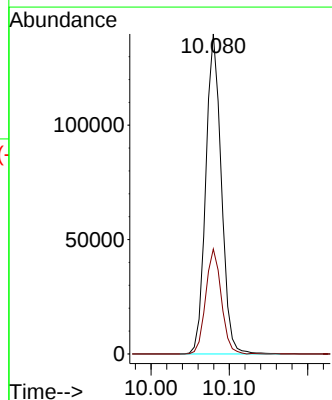
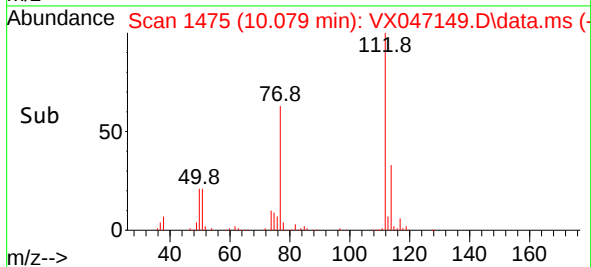
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

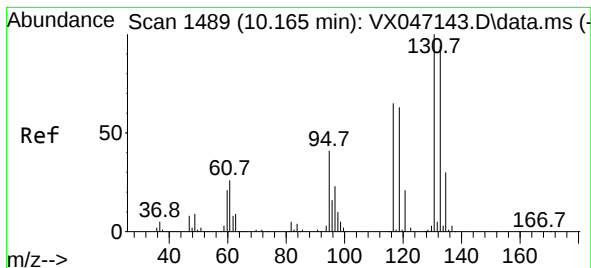


#64
Chlorobenzene
Concen: 16.332 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49



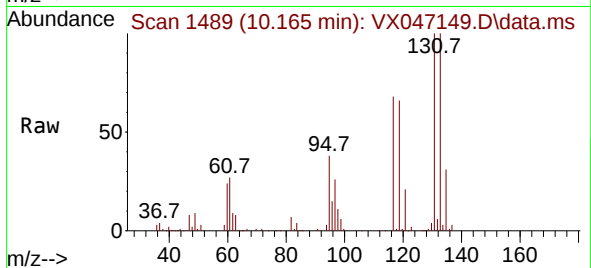
Tgt Ion:112 Resp: 192602
Ion Ratio Lower Upper
112 100
114 32.5 23.6 35.4





#65
1,1,1,2-Tetrachloroethane
Concen: 16.889 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

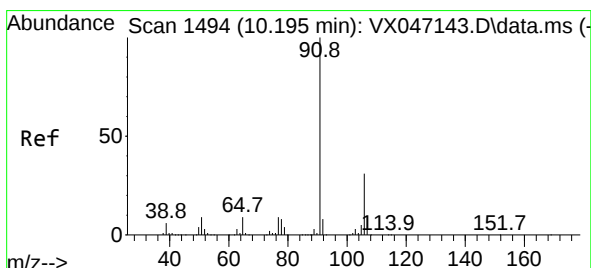
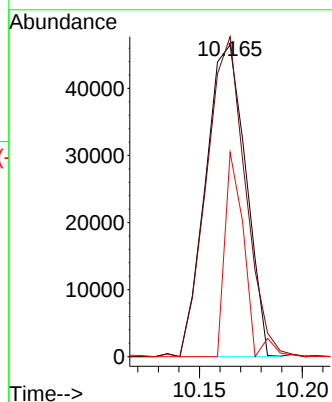
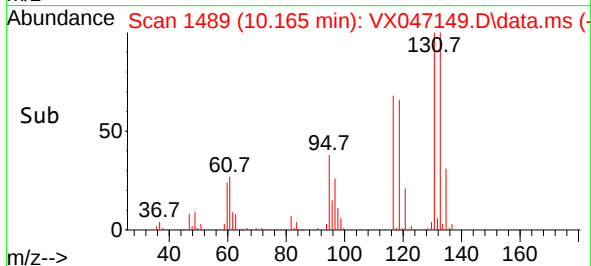
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



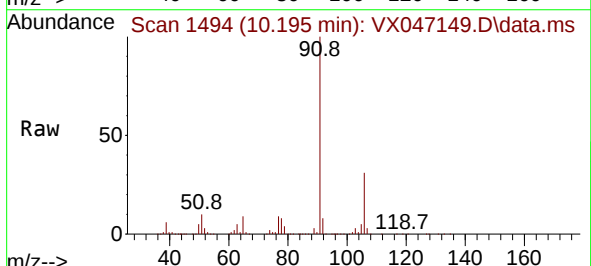
Tgt Ion:131 Resp: 6296
Ion Ratio Lower Upper
131 100
133 99.0 0.0 188.2
119 29.4 0.0 101.8

Manual Integrations
APPROVED

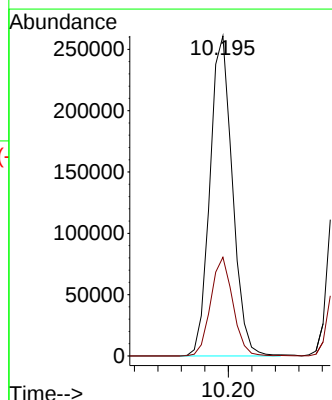
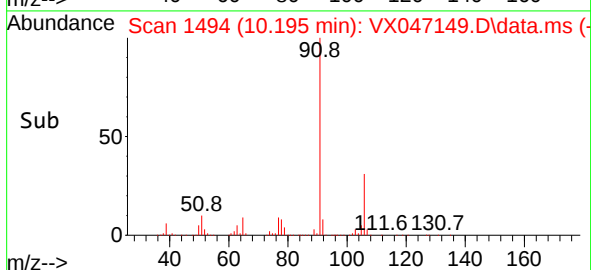
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

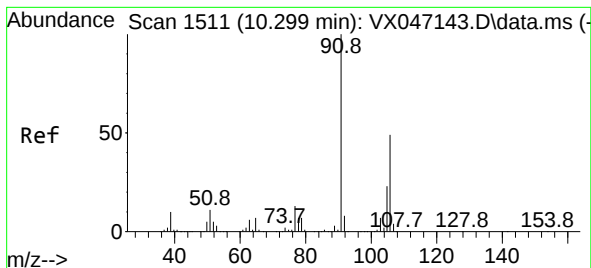


#66
Ethyl Benzene
Concen: 16.492 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49



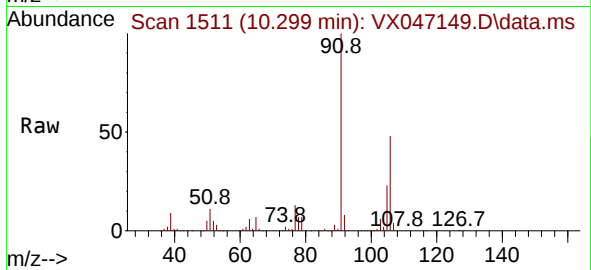
Tgt Ion: 91 Resp: 347036
Ion Ratio Lower Upper
91 100
106 30.9 25.1 37.7





#67
m/p-Xylenes
Concen: 33.086 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

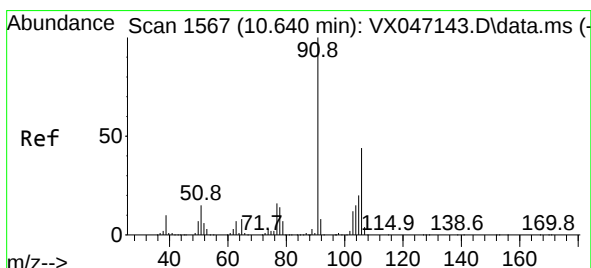
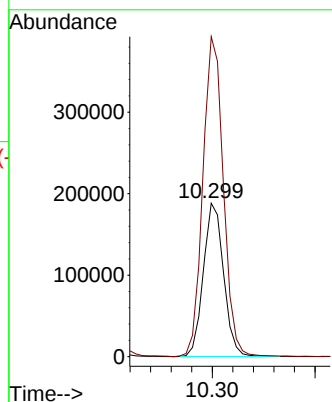
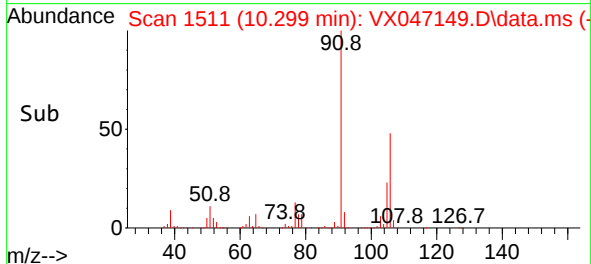
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



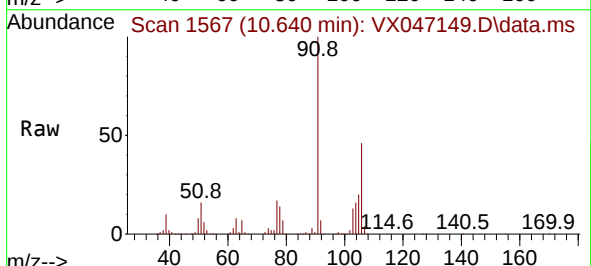
Tgt Ion:106 Resp: 258002
Ion Ratio Lower Upper
106 100
91 212.0 164.4 246.6

Manual Integrations
APPROVED

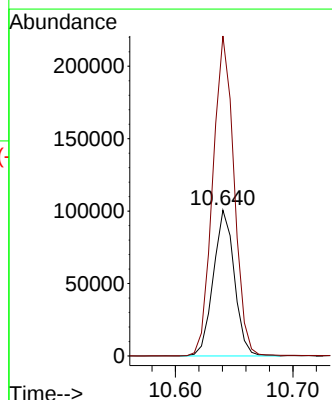
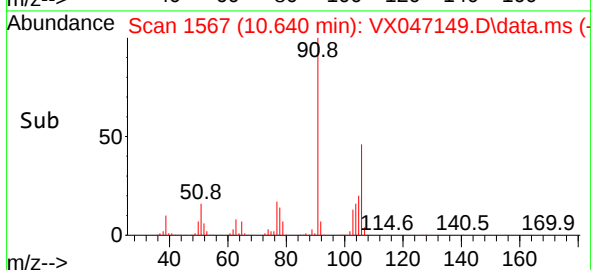
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

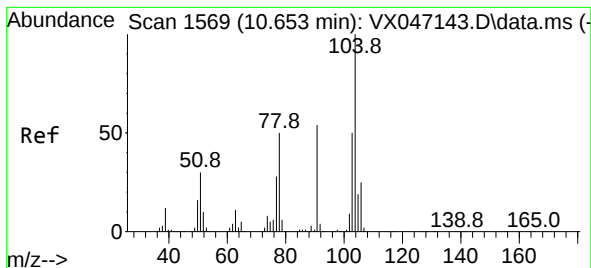


#68
o-Xylene
Concen: 16.656 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49



Tgt Ion:106 Resp: 125261
Ion Ratio Lower Upper
106 100
91 221.4 111.3 333.8





#69

Styrene

Concen: 16.622 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX047149.D

Acq: 25 Jul 2025 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

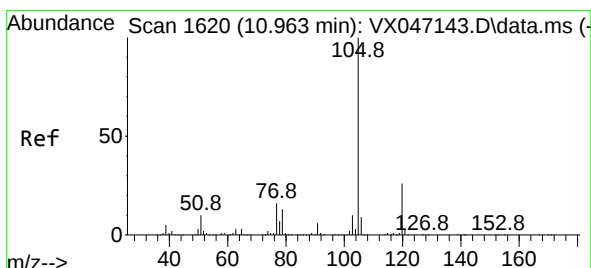
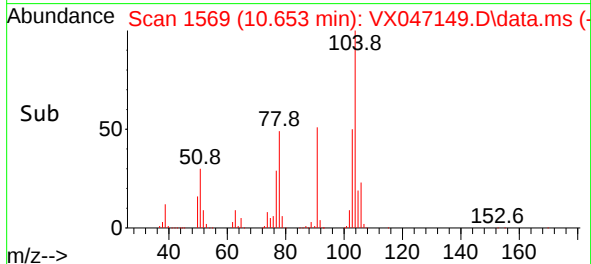
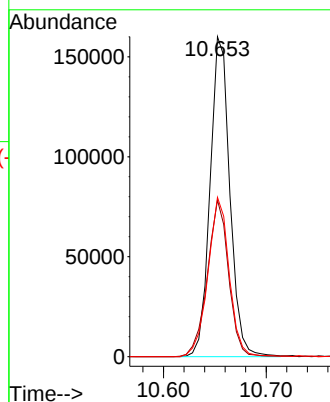
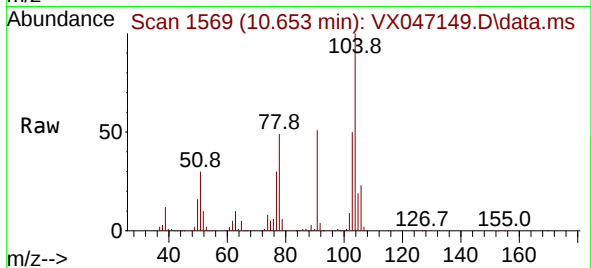
Tgt Ion:104 Resp: 214394
 Ion Ratio Lower Upper
 104 100
 78 52.6 42.6 63.8
 103 53.5 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#70

Isopropylbenzene

Concen: 16.700 ug/l

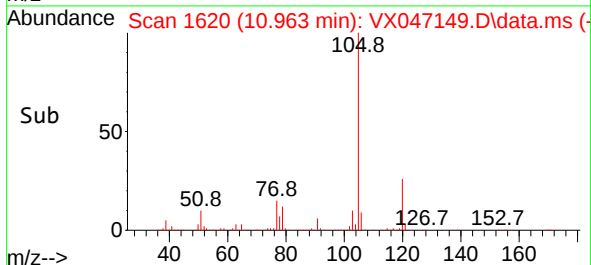
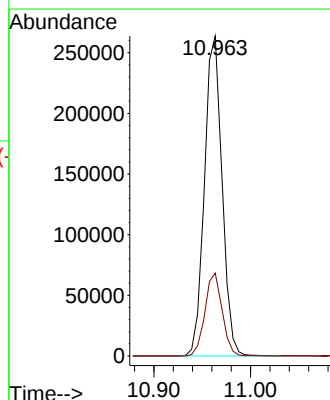
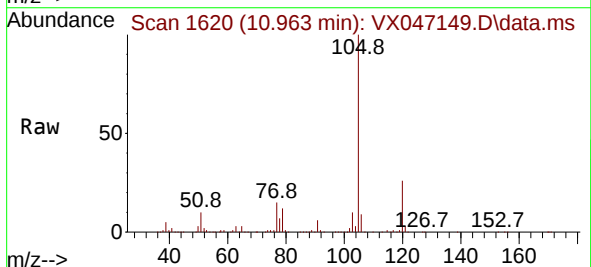
RT: 10.963 min Scan# 1620

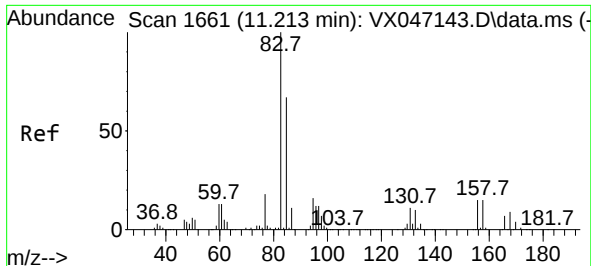
Delta R.T. 0.000 min

Lab File: VX047149.D

Acq: 25 Jul 2025 17:49

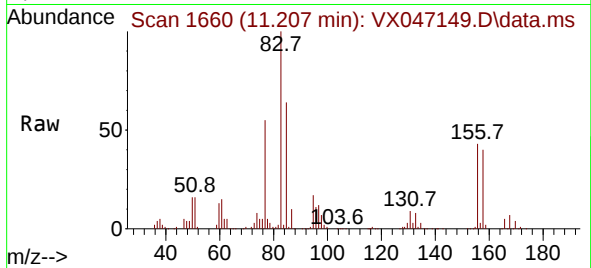
Tgt Ion:105 Resp: 334531
 Ion Ratio Lower Upper
 105 100
 120 25.4 17.8 33.0





#71
1,1,2,2-Tetrachloroethane
Concen: 16.708 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

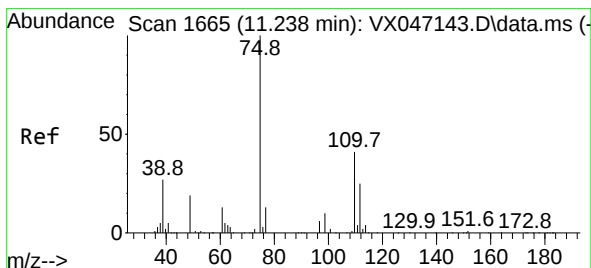
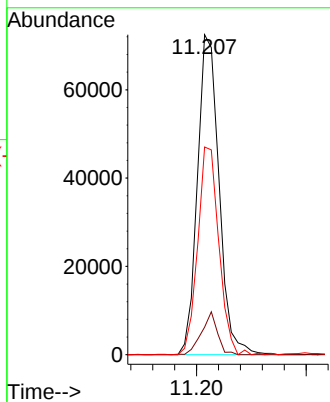
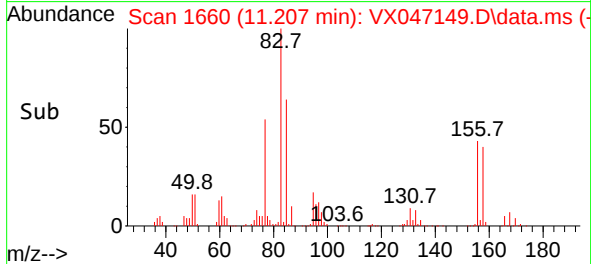
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 9928
Ion Ratio Lower Upper
83 100
131 9.4 6.0 18.0
85 62.9 32.3 96.9

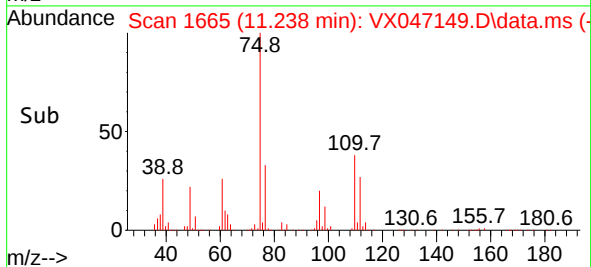
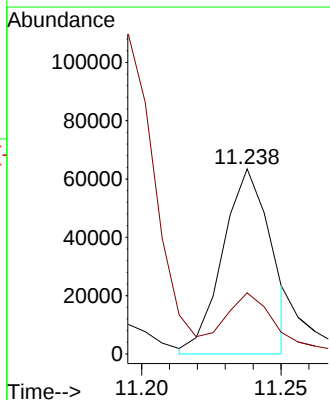
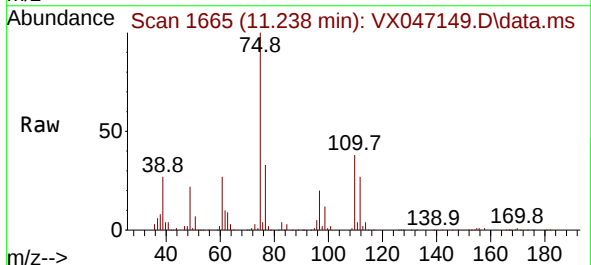
Manual Integrations
APPROVED

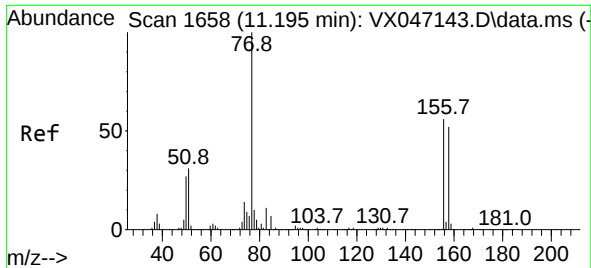
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#72
1,2,3-Trichloropropane
Concen: 16.676 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

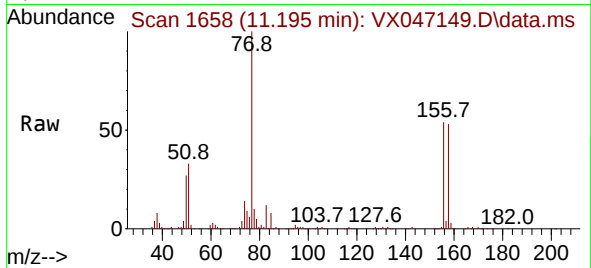
Tgt Ion: 75 Resp: 76327
Ion Ratio Lower Upper
75 100
77 36.5 0.0 74.2





#73
Bromobenzene
Concen: 16.677 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

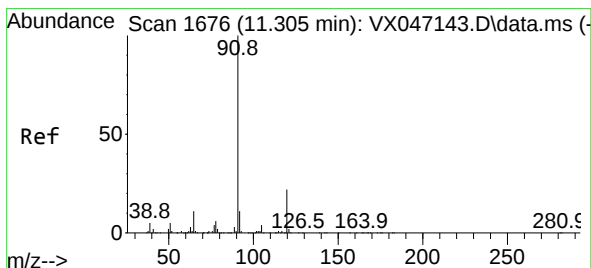
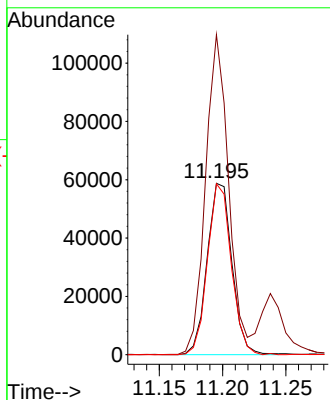
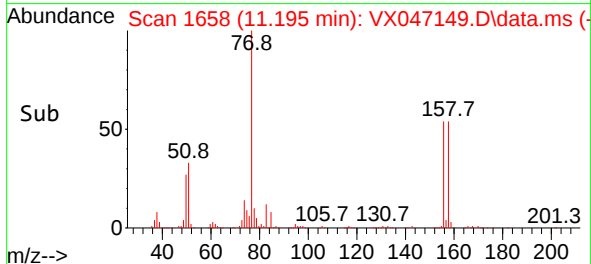
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



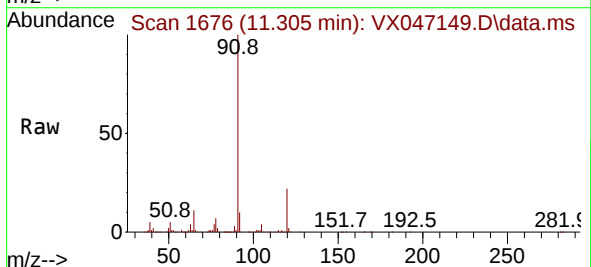
Tgt Ion:156 Resp: 79954
Ion Ratio Lower Upper
156 100
77 173.0 0.0 340.8
158 95.4 0.0 189.0

Manual Integrations
APPROVED

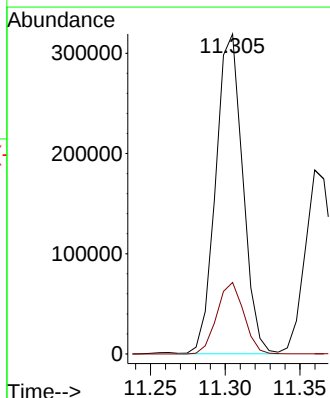
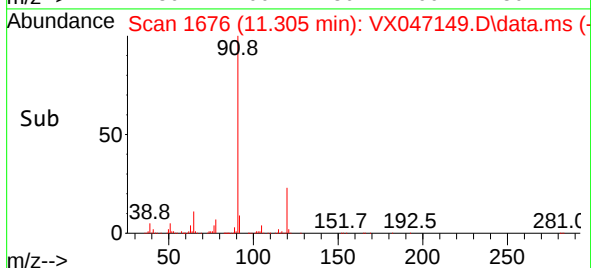
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

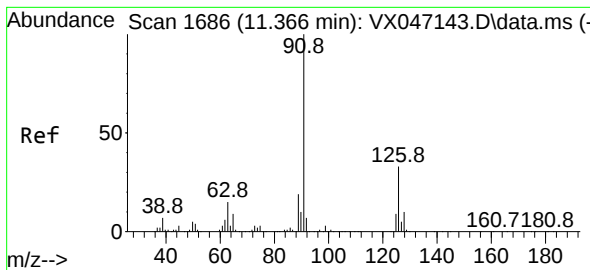


#74
n-propylbenzene
Concen: 16.718 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49



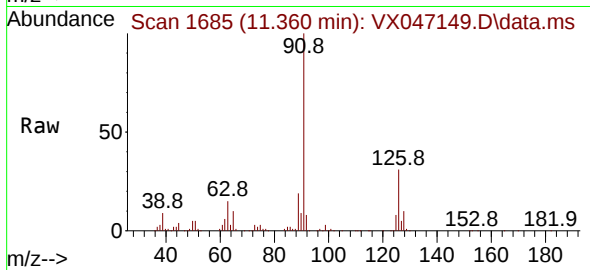
Tgt Ion: 91 Resp: 402049
Ion Ratio Lower Upper
91 100
120 22.2 0.0 44.4





#75
2-Chlorotoluene
Concen: 16.757 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

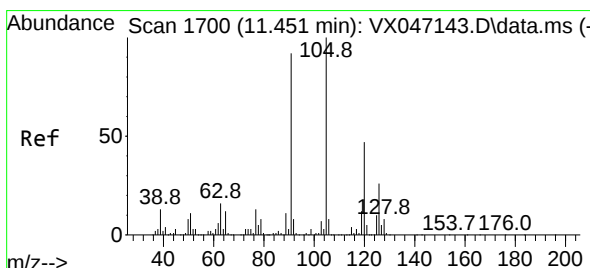
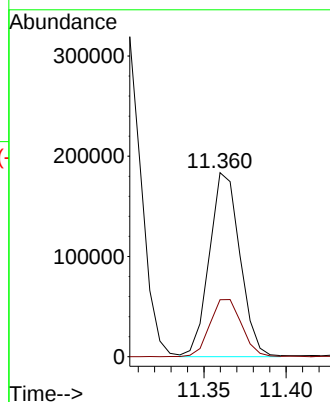
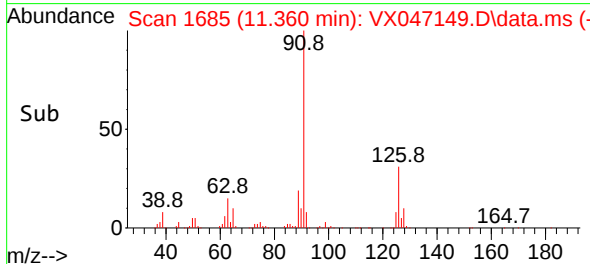
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



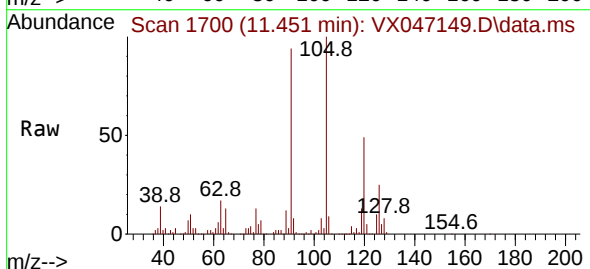
Tgt Ion: 91 Resp: 23848
Ion Ratio Lower Upper
91 100
126 32.1 0.0 63.6

Manual Integrations
APPROVED

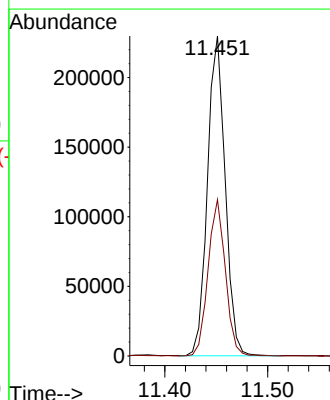
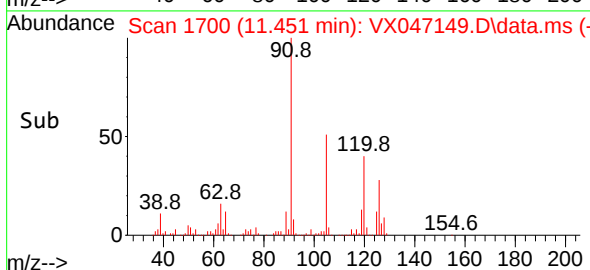
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

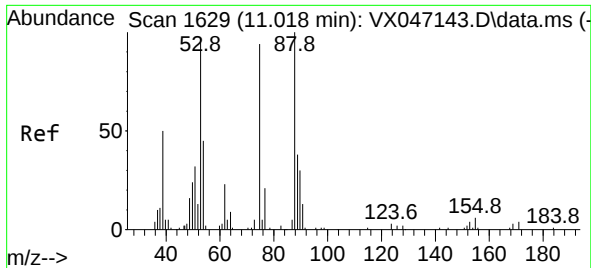


#76
1,3,5-Trimethylbenzene
Concen: 16.674 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49



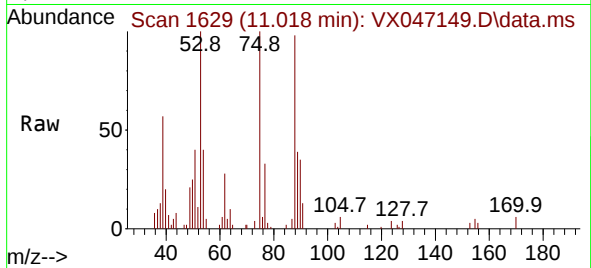
Tgt Ion:105 Resp: 274810
Ion Ratio Lower Upper
105 100
120 47.6 0.0 93.0





#77
t-1,4-Dichloro-2-butene
Concen: 9.777 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

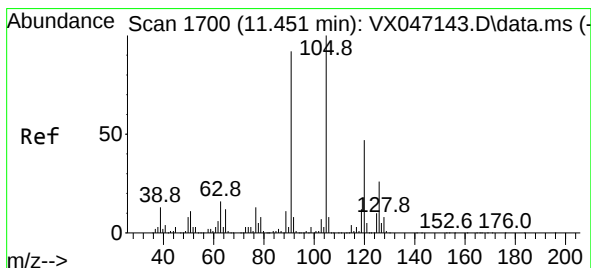
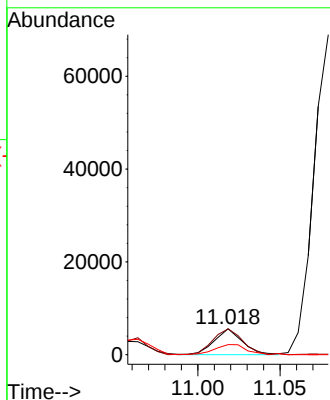
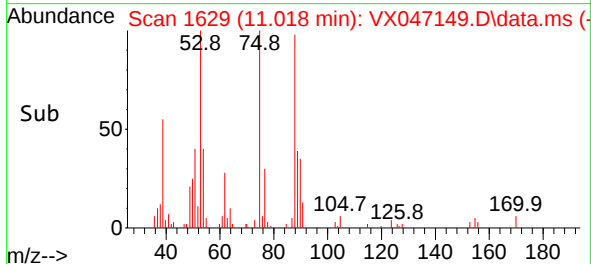
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 662
Ion Ratio Lower Upper
75 100
53 100.5 48.4 145.2
89 39.6 33.8 101.3

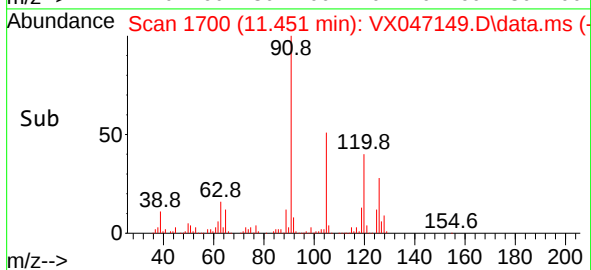
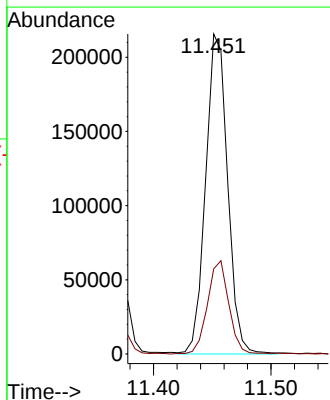
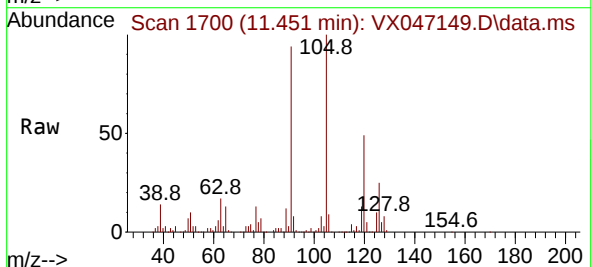
Manual Integrations
APPROVED

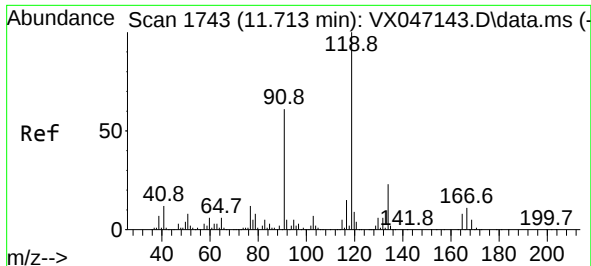
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#78
4-Chlorotoluene
Concen: 17.045 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

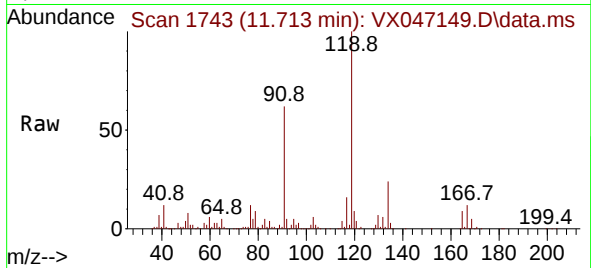
Tgt Ion: 91 Resp: 279717
Ion Ratio Lower Upper
91 100
126 28.3 0.0 57.2





#79
tert-butylbenzene
Concen: 16.675 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

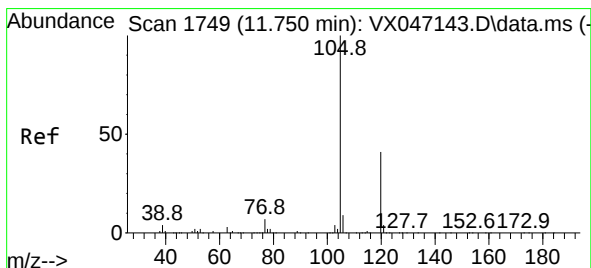
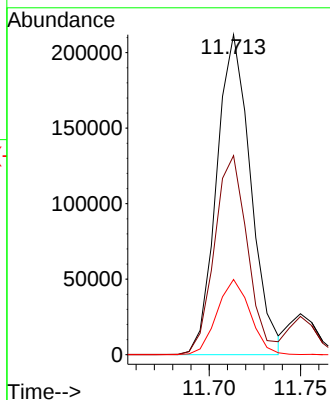
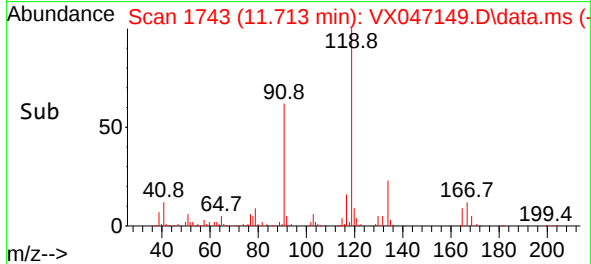
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:119 Resp: 275032
Ion Ratio Lower Upper
119 100
91 60.8 0.0 120.6
134 22.9 0.0 46.0

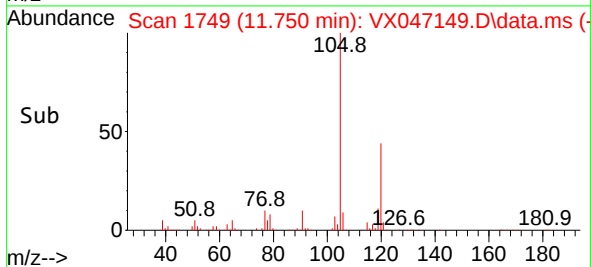
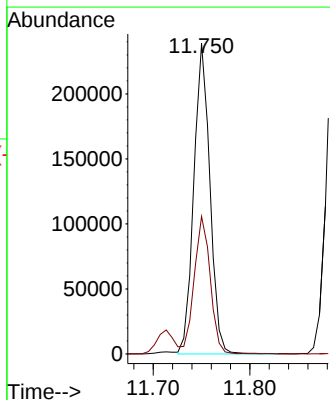
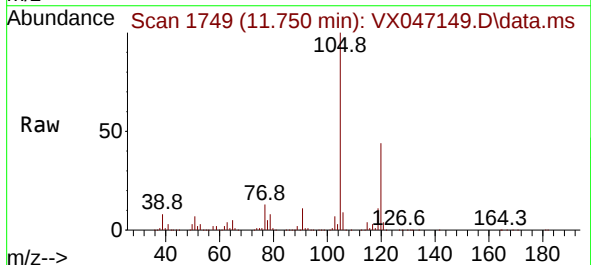
Manual Integrations
APPROVED

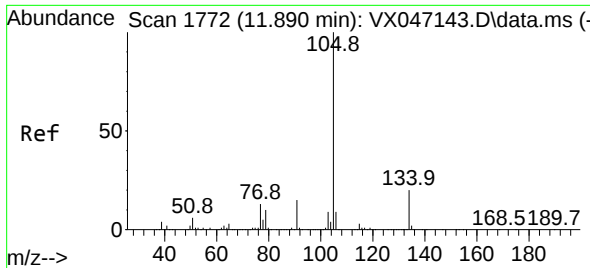
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#80
1,2,4-Trimethylbenzene
Concen: 16.881 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Tgt Ion:105 Resp: 275956
Ion Ratio Lower Upper
105 100
120 44.4 0.0 88.6





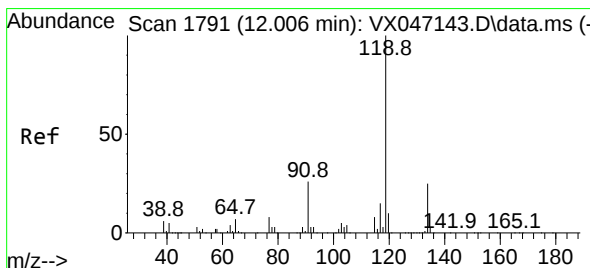
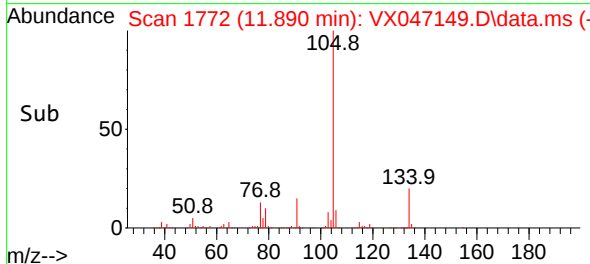
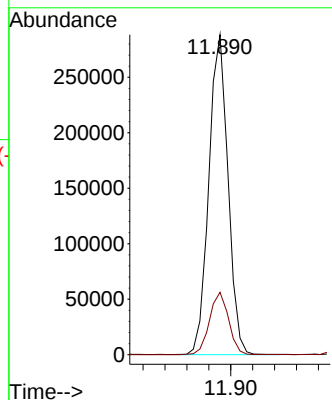
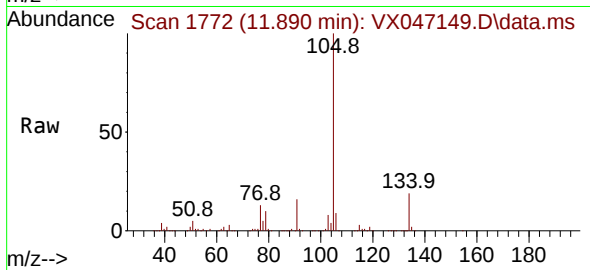
#81
 sec-Butylbenzene
 Concen: 16.950 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047149.D
 Acq: 25 Jul 2025 17:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tgt Ion:105 Resp: 348890
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.4

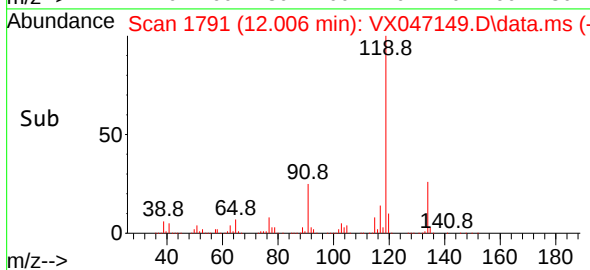
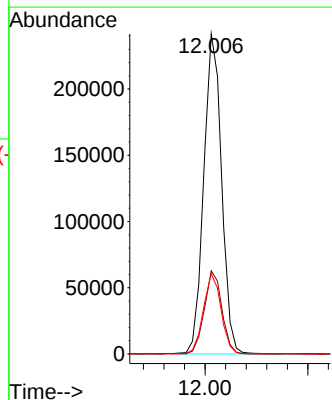
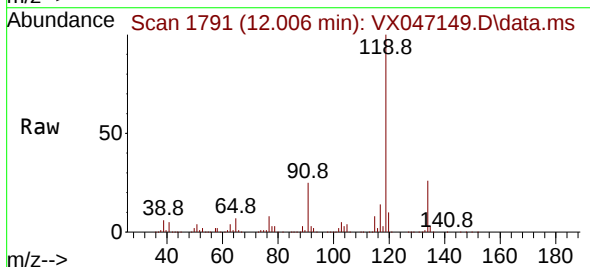
Manual Integrations
 APPROVED

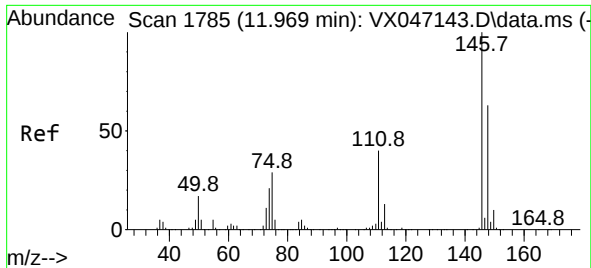
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025



#82
 p-Isopropyltoluene
 Concen: 17.042 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047149.D
 Acq: 25 Jul 2025 17:49

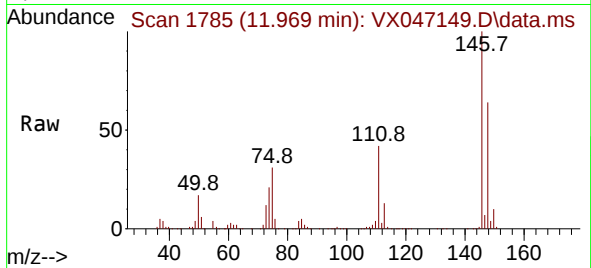
Tgt Ion:119 Resp: 291499
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 50.8
 91 24.8 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 16.792 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

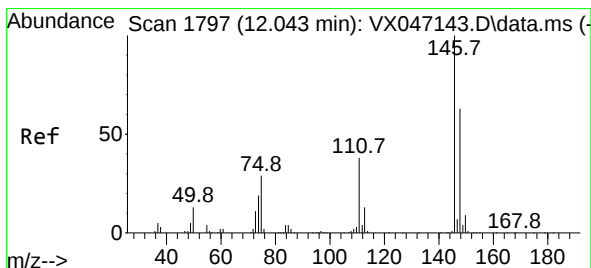
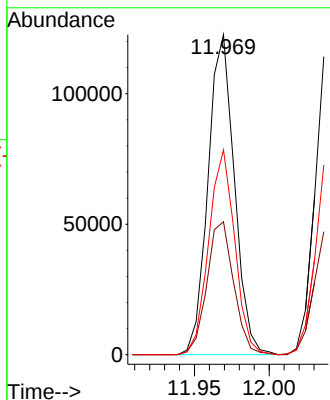
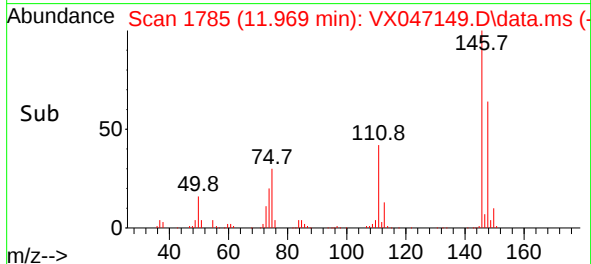
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



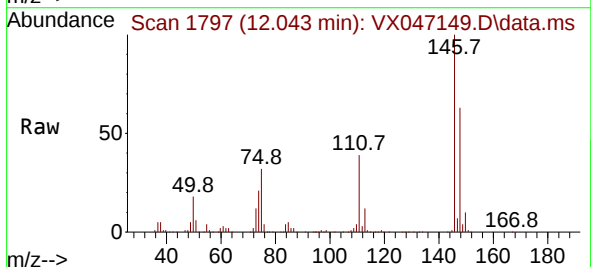
Tgt Ion:146 Resp: 150411
Ion Ratio Lower Upper
146 100
111 42.4 20.7 62.1
148 63.2 31.8 95.3

Manual Integrations
APPROVED

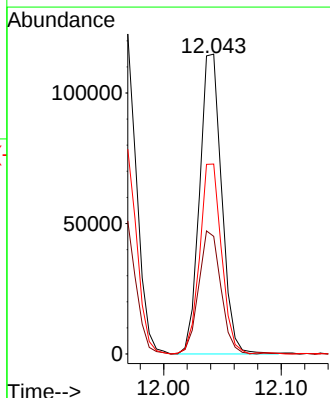
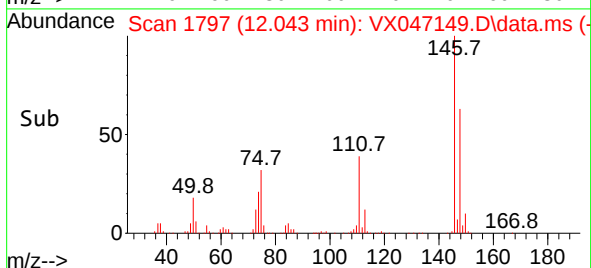
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

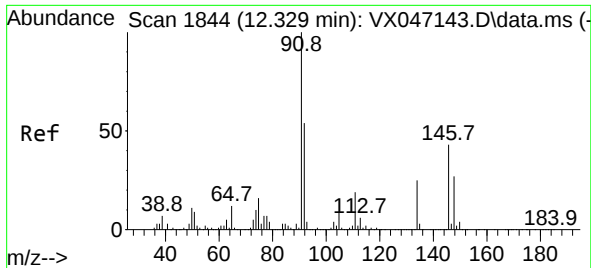


#84
1,4-Dichlorobenzene
Concen: 16.930 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49



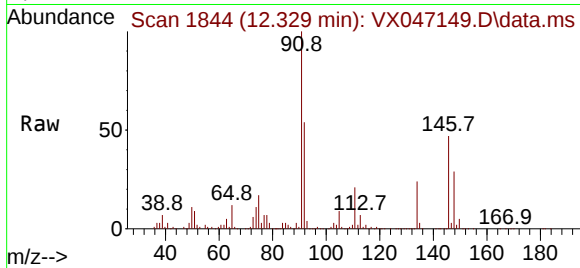
Tgt Ion:146 Resp: 150302
Ion Ratio Lower Upper
146 100
111 41.1 20.4 61.3
148 62.6 32.3 96.8





#85
n-Butylbenzene
Concen: 16.624 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

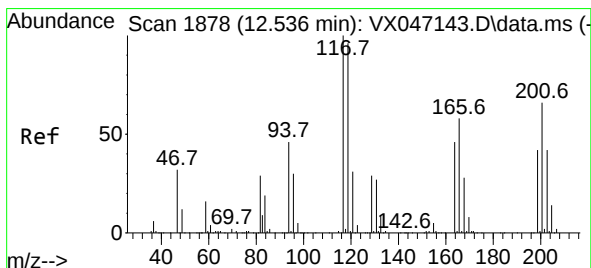
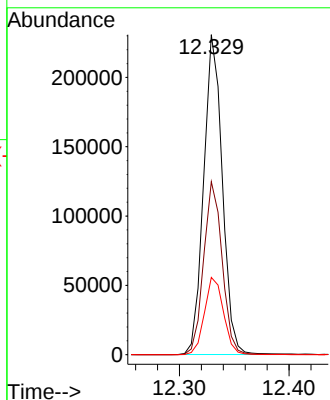
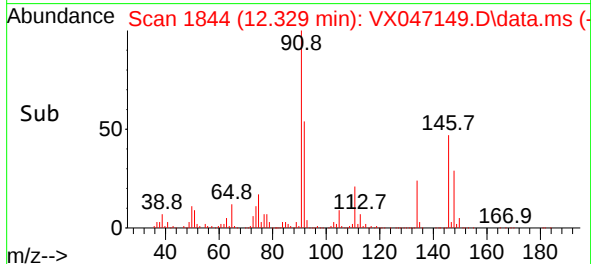
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 91 Resp: 272875
Ion Ratio Lower Upper
91 100
92 53.8 0.0 107.8
134 24.7 0.0 50.0

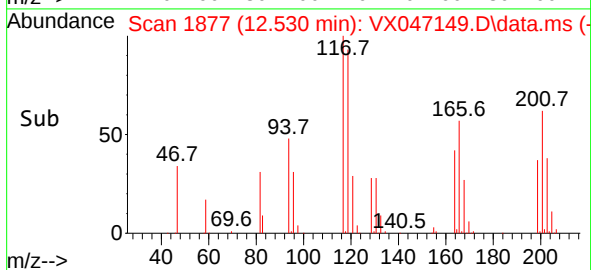
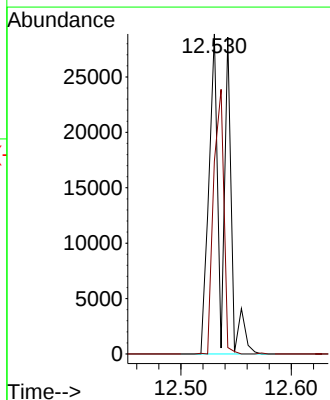
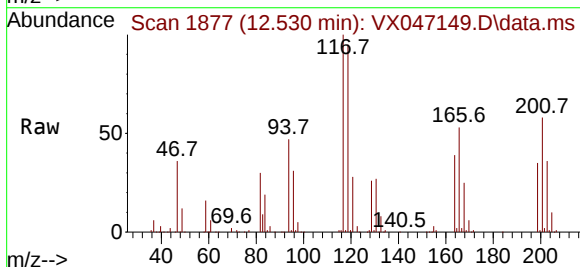
Manual Integrations
APPROVED

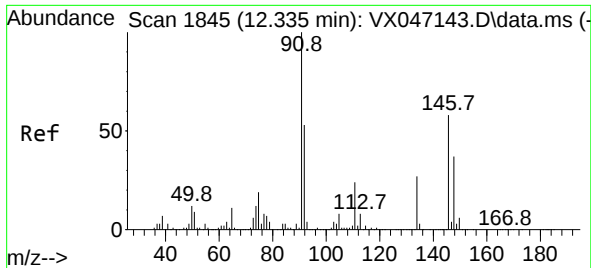
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#86
Hexachloroethane
Concen: 11.653 ug/l m
RT: 12.530 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Tgt Ion:117 Resp: 27716
Ion Ratio Lower Upper
117 100
201 55.5 0.5 1.5#





#87

1,2-Dichlorobenzene

Concen: 17.396 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX047149.D

Acq: 25 Jul 2025 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

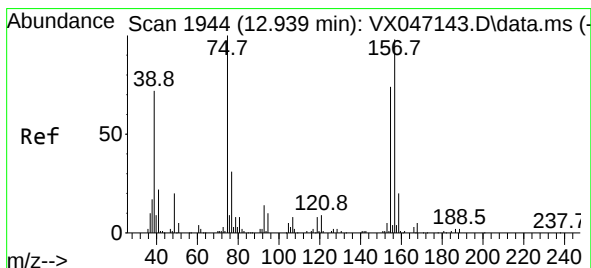
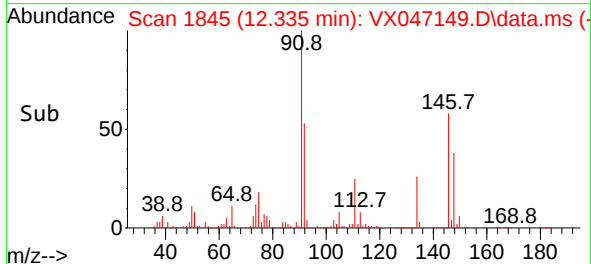
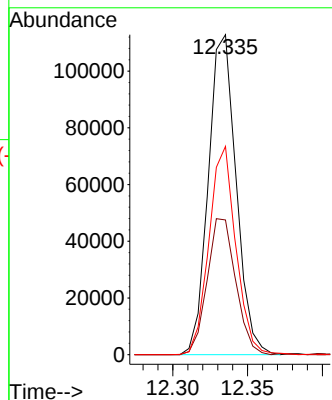
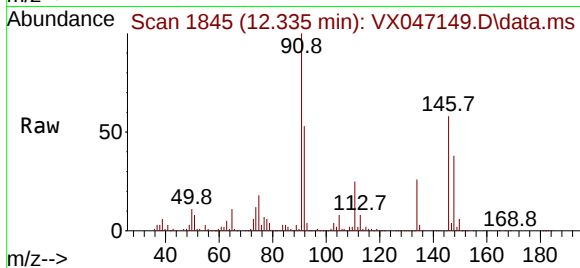
Tgt Ion:	146	Resp:	146140
Ion Ratio	Lower	Upper	
146	100		
111	43.6	21.8	65.3
148	62.9	32.4	97.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.089 ug/l

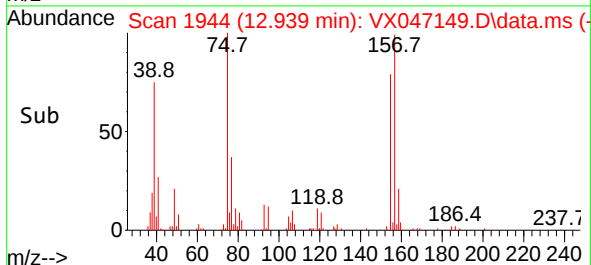
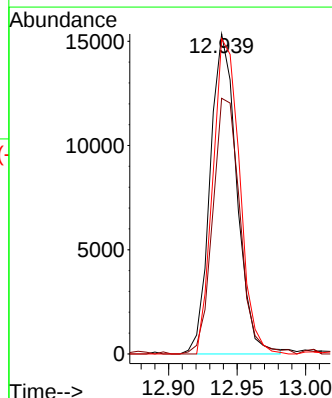
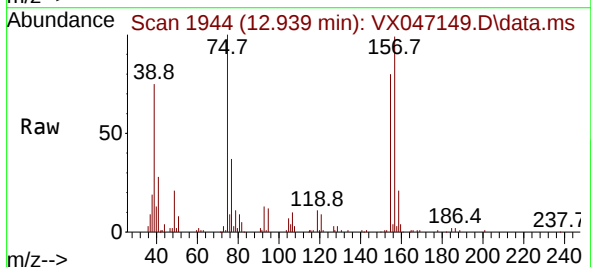
RT: 12.939 min Scan# 1944

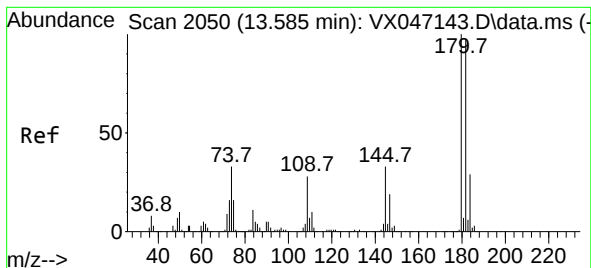
Delta R.T. 0.000 min

Lab File: VX047149.D

Acq: 25 Jul 2025 17:49

Tgt Ion:	75	Resp:	20699
Ion Ratio	Lower	Upper	
75	100		
155	81.5	65.4	98.2
157	99.1	82.0	123.0





#89

1,2,4-Trichlorobenzene

Concen: 16.307 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047149.D

Acq: 25 Jul 2025 17:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

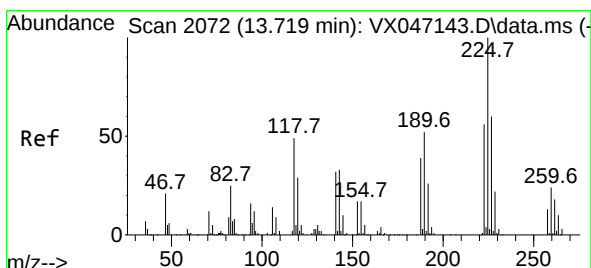
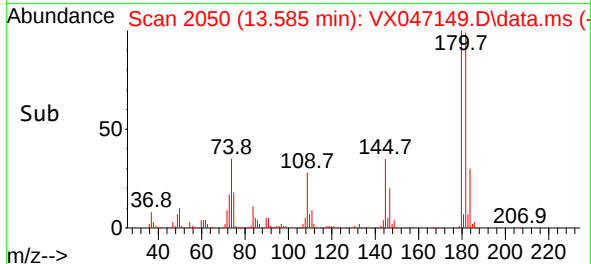
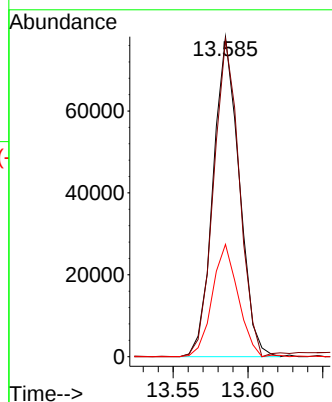
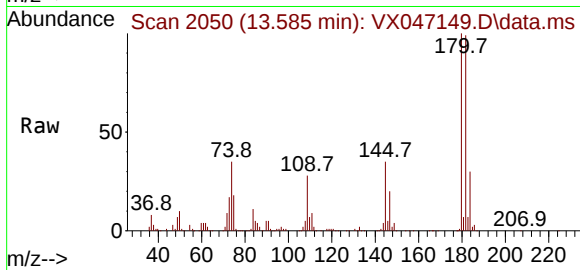
Tgt Ion:	180	Resp:	9471
Ion Ratio	Lower	Upper	
180	100		
182	97.3	78.2	117.2
145	34.5	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#90

Hexachlorobutadiene

Concen: 11.921 ug/l m

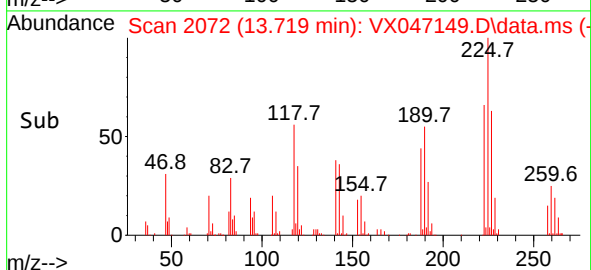
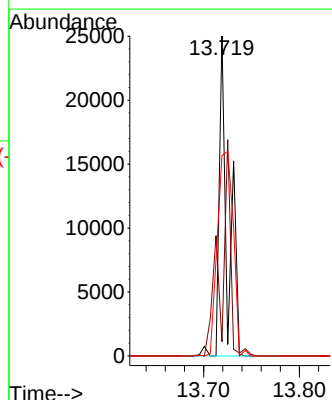
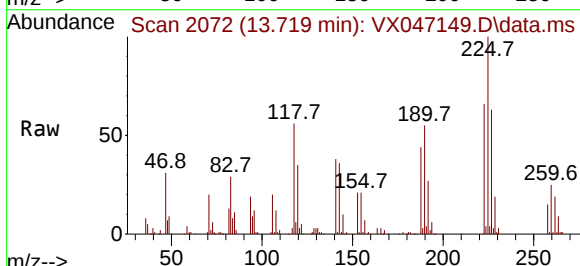
RT: 13.719 min Scan# 2072

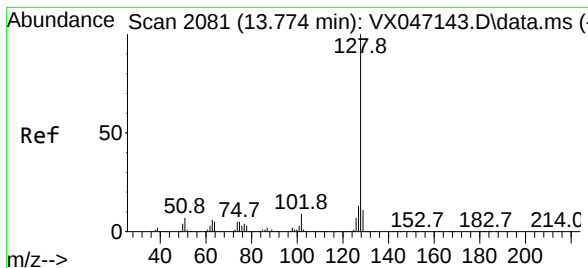
Delta R.T. 0.000 min

Lab File: VX047149.D

Acq: 25 Jul 2025 17:49

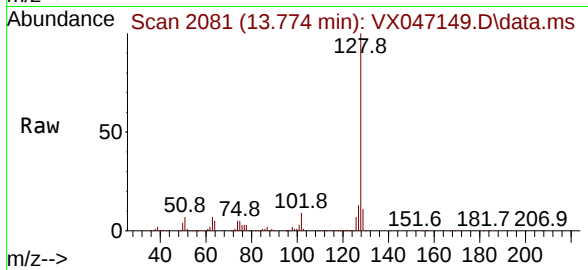
Tgt Ion:	225	Resp:	15387
Ion Ratio	Lower	Upper	
225	100		
223	31.9	0.0	73.8
227	0.0	0.0	130.6





#91
Naphthalene
Concen: 16.031 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

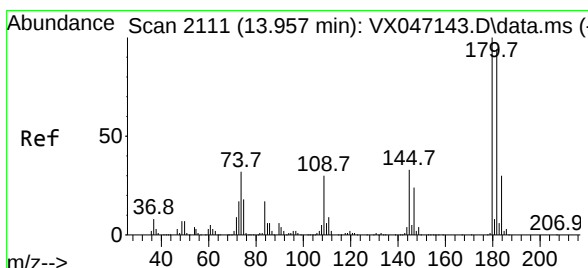
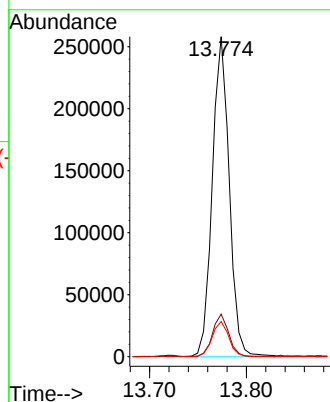
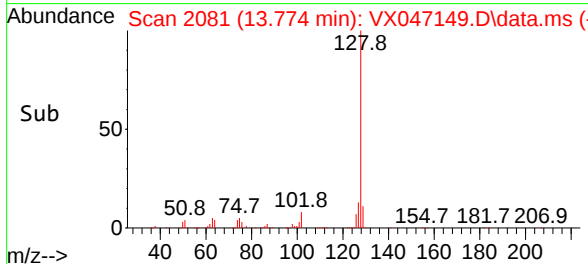
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 31432
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 9.0 13.4

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 16.825 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047149.D
Acq: 25 Jul 2025 17:49

Tgt Ion:180 Resp: 93776
Ion Ratio Lower Upper
180 100
182 94.4 0.0 189.0
145 34.6 0.0 69.2

