

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046431.D
 Acq On : 30 May 2025 18:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2025
 Supervised By : Mahesh Dadoda 06/02/2025

Quant Time: May 30 23:35:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	74114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	118507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70637	51.122	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.240%			
35) Dibromofluoromethane	5.379	113	49202	51.372	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.740%			
50) Toluene-d8	8.647	98	162192	48.928	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.860%			
62) 4-Bromofluorobenzene	11.079	95	67347	52.964	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52337	46.138	ug/l	97
3) Chloromethane	1.306	50	50222	45.654	ug/l	98
4) Vinyl Chloride	1.374	62	45572	44.512	ug/l	99
5) Bromomethane	1.593	94	21584	45.454	ug/l	96
6) Chloroethane	1.666	64	25642	46.916	ug/l	98
7) Trichlorofluoromethane	1.873	101	72532	47.936	ug/l	99
8) Diethyl Ether	2.129	74	24886	48.314	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.318	101	45829	48.943	ug/l	97
10) Methyl Iodide	2.440	142	51809	46.760	ug/l	99
11) Tert butyl alcohol	2.983	59	60822	313.593	ug/l	98
12) 1,1-Dichloroethene	2.306	96	41957	47.743	ug/l	99
13) Acrolein	2.233	56	61985	280.627	ug/l	100
14) Allyl chloride	2.654	41	89270	53.151	ug/l	96
15) Acrylonitrile	3.062	53	162796	293.541	ug/l	98
16) Acetone	2.386	43	158115	285.403	ug/l	98
17) Carbon Disulfide	2.501	76	80402	38.590	ug/l	100
18) Methyl Acetate	2.703	43	96536	75.091	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	170684	55.398	ug/l	99
20) Methylene Chloride	2.782	84	52227	49.194	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	42033	47.561	ug/l	94
22) Diisopropyl ether	3.763	45	180764	55.717	ug/l	93
23) Vinyl Acetate	3.721	43	777807	272.581	ug/l	100
24) 1,1-Dichloroethane	3.605	63	96154	53.212	ug/l	98
25) 2-Butanone	4.556	43	244738	304.288	ug/l	100
26) 2,2-Dichloropropane	4.464	77	67166	47.489	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	55714	52.367	ug/l	100
28) Bromochloromethane	4.891	49	46340	53.277	ug/l	99
29) Tetrahydrofuran	5.007	42	151953	301.498	ug/l	98
30) Chloroform	5.086	83	103059	54.718	ug/l	96
31) Cyclohexane	5.464	56	77602	47.127	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	87897	53.836	ug/l	98
36) 1,1-Dichloropropene	5.690	75	61592	47.863	ug/l	99
37) Ethyl Acetate	4.714	43	85506	53.781	ug/l	99
38) Carbon Tetrachloride	5.672	117	71351	49.348	ug/l	96
39) Methylcyclohexane	7.379	83	75716	45.703	ug/l	98
40) Benzene	6.031	78	191891	50.909	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	51148	61.498	ug/l	99
42) 1,2-Dichloroethane	6.080	62	84867	52.168	ug/l	99
43) Isopropyl Acetate	6.342	43	140262	57.828	ug/l	99
44) Trichloroethene	7.122	130	44919	49.514	ug/l	97
45) 1,2-Dichloropropane	7.427	63	51884	55.357	ug/l	98
46) Dibromomethane	7.580	93	38897	52.619	ug/l	99
47) Bromodichloromethane	7.817	83	80312	55.161	ug/l	99
48) Methyl methacrylate	7.689	41	74586	60.212	ug/l	99
49) 1,4-Dioxane	7.659	88	27552	1171.433	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	496899	308.632	ug/l	99
52) Toluene	8.714	92	118579	51.305	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	71021	54.879	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	78938	55.188	ug/l	95
55) 1,1,2-Trichloroethane	9.146	97	51227	56.210	ug/l	97
56) Ethyl methacrylate	9.116	69	87584	60.299	ug/l	99
57) 1,3-Dichloropropane	9.305	76	89527	54.700	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	211224	285.245	ug/l	99
59) 2-Hexanone	9.427	43	373912	313.912	ug/l	99
60) Dibromochloromethane	9.518	129	57708	57.658	ug/l	98
61) 1,2-Dibromoethane	9.604	107	51593	54.468	ug/l	98
64) Tetrachloroethene	9.268	164	39773	47.434	ug/l	96
65) Chlorobenzene	10.073	112	131134	50.556	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	47254	53.352	ug/l	98
67) Ethyl Benzene	10.189	91	241431	52.804	ug/l	99
68) m/p-Xylenes	10.299	106	174971	104.632	ug/l	99
69) o-Xylene	10.640	106	87961	53.954	ug/l	99
70) Styrene	10.652	104	148376	55.559	ug/l	98
71) Bromoform	10.799	173	36540	54.949	ug/l #	97
73) Isopropylbenzene	10.957	105	236055	52.887	ug/l	100
74) N-amyl acetate	10.841	43	127751	57.922	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	84159	53.806	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	74329m	53.862	ug/l	
77) Bromobenzene	11.195	156	53999	52.111	ug/l	100
78) n-propylbenzene	11.305	91	278510	53.665	ug/l	99
79) 2-Chlorotoluene	11.360	91	174683	52.184	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	200309	53.719	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	23283	54.930	ug/l	98
82) 4-Chlorotoluene	11.451	91	199469	53.734	ug/l	99
83) tert-Butylbenzene	11.713	119	202709	53.969	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	205143	54.326	ug/l	100
85) sec-Butylbenzene	11.890	105	254604	55.208	ug/l	100
86) p-Isopropyltoluene	12.006	119	209095	54.929	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	100145	52.954	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	100095	51.826	ug/l	100
89) n-Butylbenzene	12.329	91	185147	55.448	ug/l	100
90) Hexachloroethane	12.536	117	35458	52.871	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	102295	53.903	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	20639	59.563	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	58874	54.013	ug/l	98
94) Hexachlorobutadiene	13.725	225	25552	53.675	ug/l	98
95) Naphthalene	13.774	128	225947	56.519	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61292	54.497	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

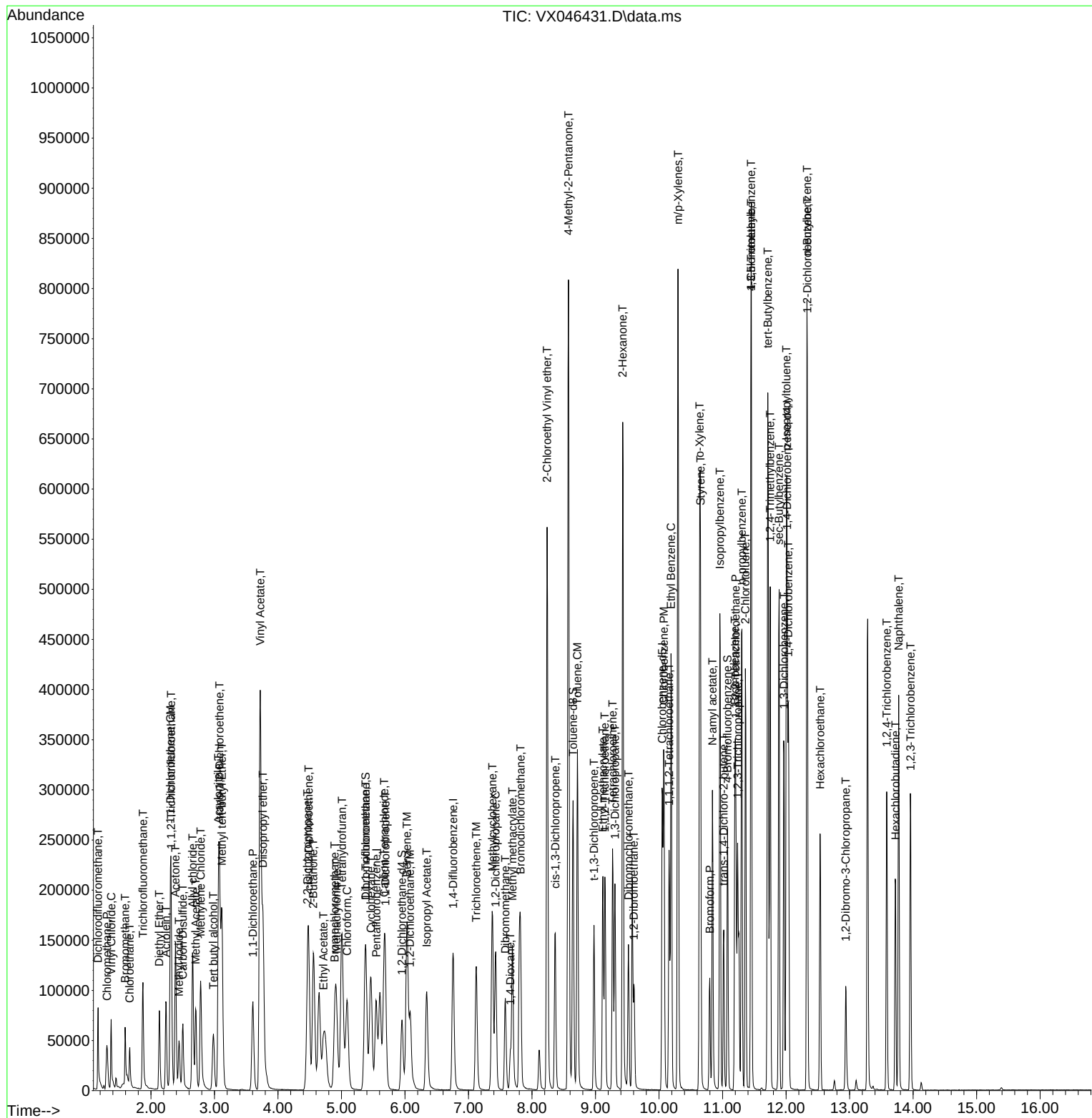
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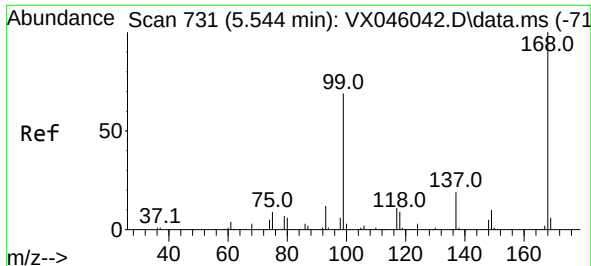
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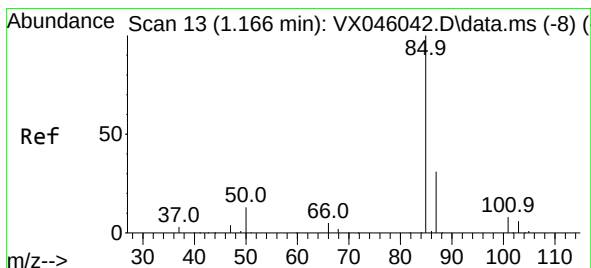
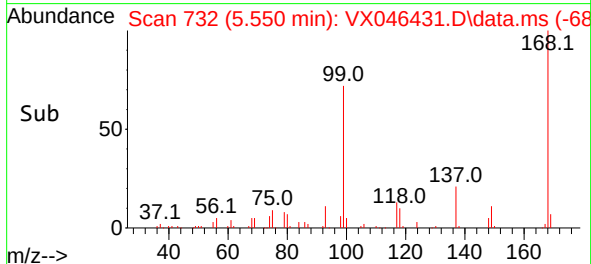
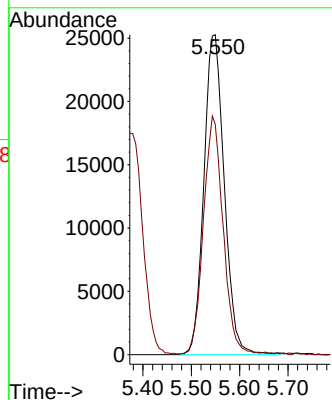
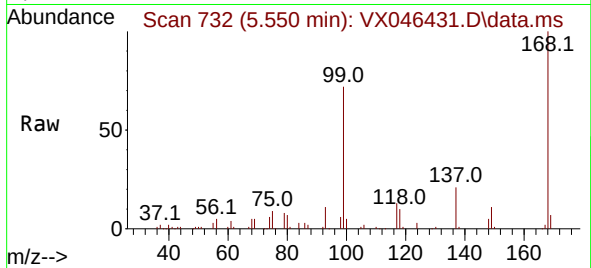
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046431.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 74114
Ion Ratio Lower Upper
168 100
99 71.7 54.9 82.3

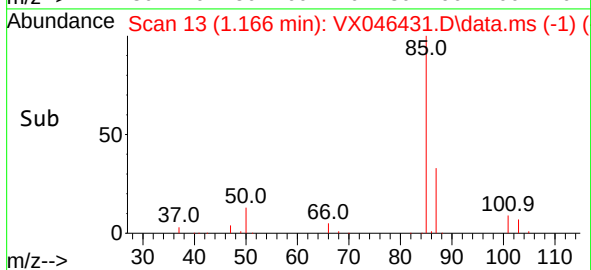
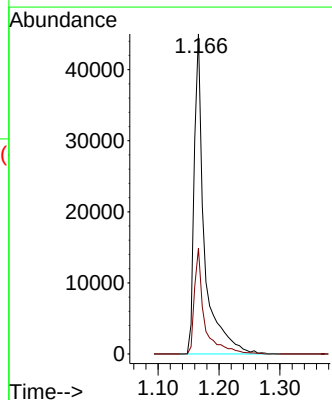
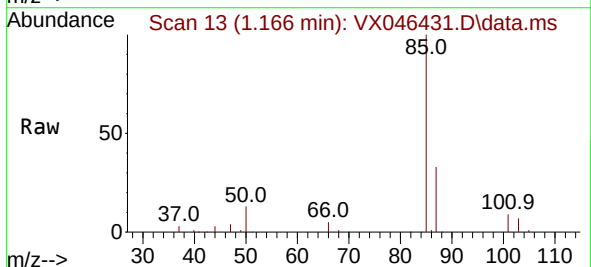
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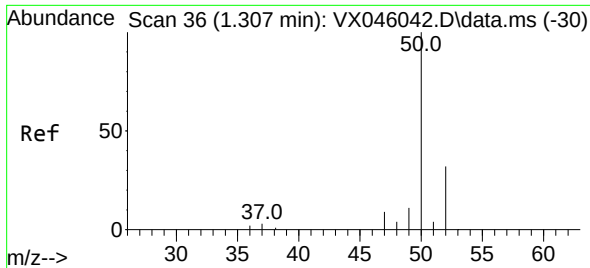
Reviewed By :John Carlone 06/02/2025
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#2
Dichlorodifluoromethane
Concen: 46.138 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 85 Resp: 52337
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.1





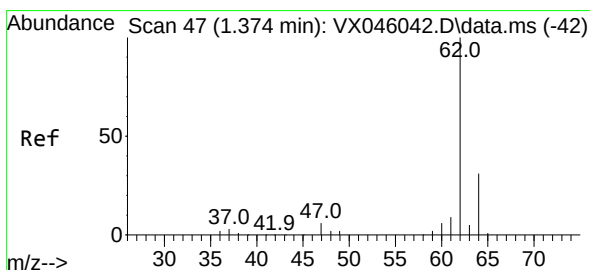
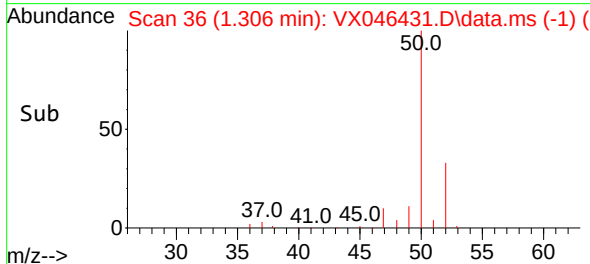
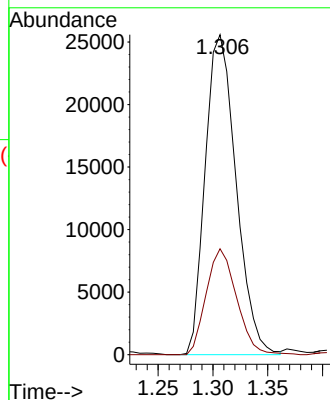
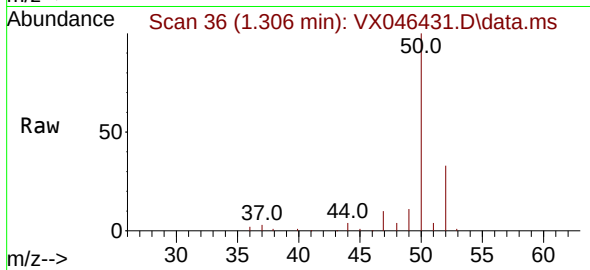
#3
Chloromethane
Concen: 45.654 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046431.D
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ClientSampleId :
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Tgt Ion: 50 Resp: 5022
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2

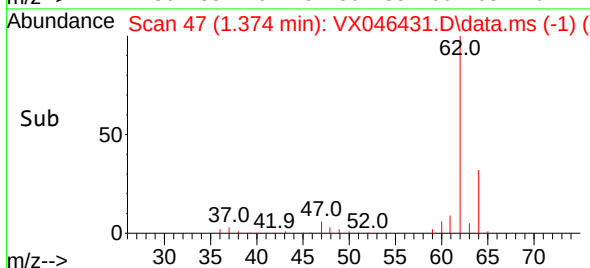
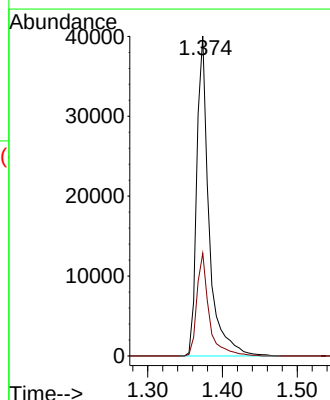
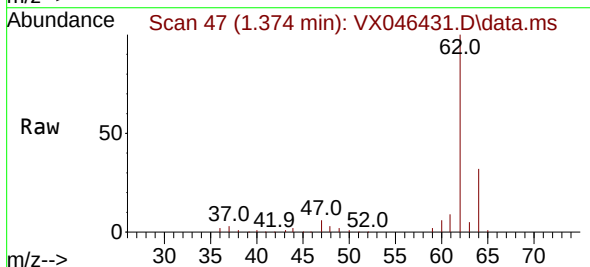
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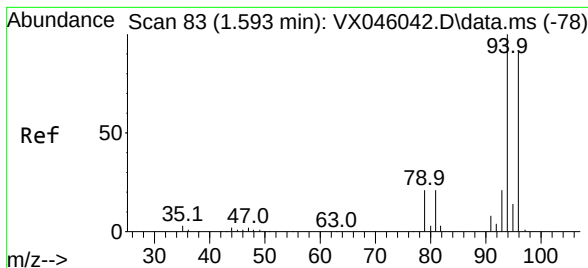
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#4
Vinyl Chloride
Concen: 44.512 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046431.D
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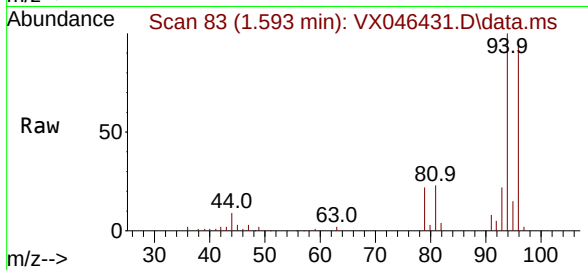
Tgt Ion: 62 Resp: 45572
Ion Ratio Lower Upper
62 100
64 32.1 25.2 37.8





#5
Bromomethane
Concen: 45.454 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX046431.D
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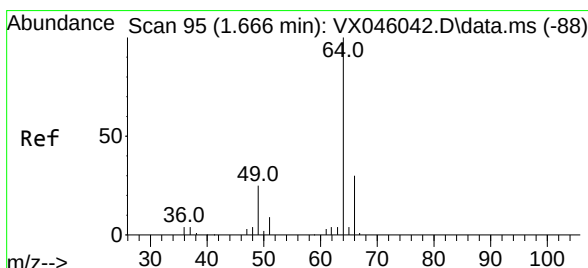
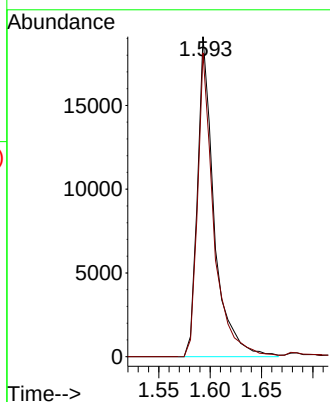
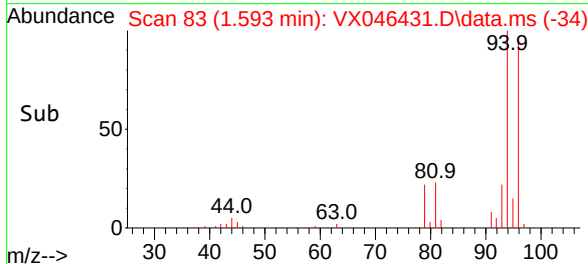
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Tgt Ion: 94 Resp: 21584
Ion Ratio Lower Upper
94 100
96 94.9 72.8 109.2

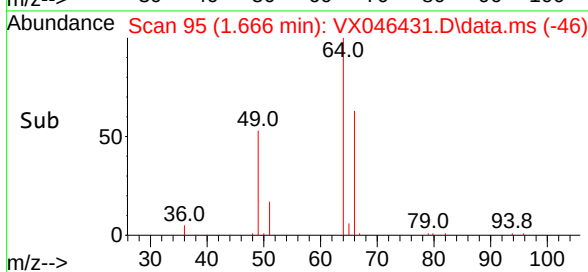
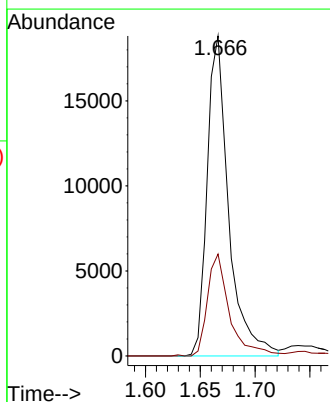
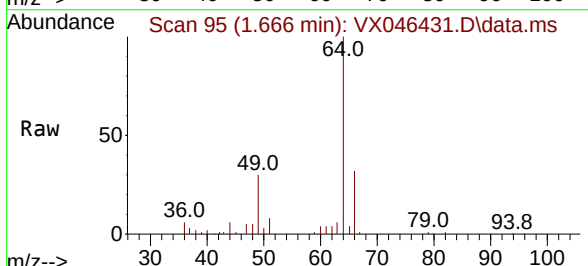
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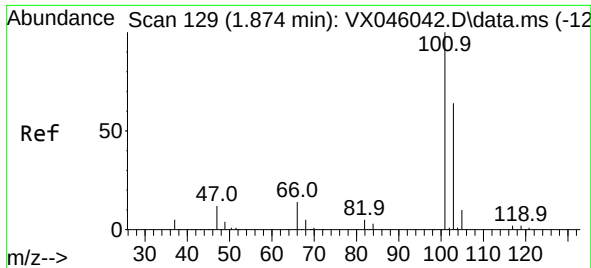
Reviewed By :John Carlone 06/02/2025
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#6
Chloroethane
Concen: 46.916 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046431.D
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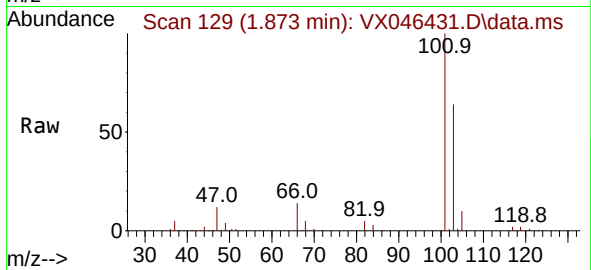
Tgt Ion: 64 Resp: 25642
Ion Ratio Lower Upper
64 100
66 31.5 24.3 36.5





#7
Trichlorofluoromethane
Concen: 47.936 ug/l
RT: 1.873 min Scan# 110
Delta R.T. -0.000 min
Lab File: VX046431.D
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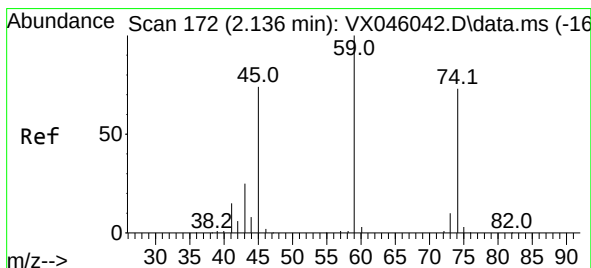
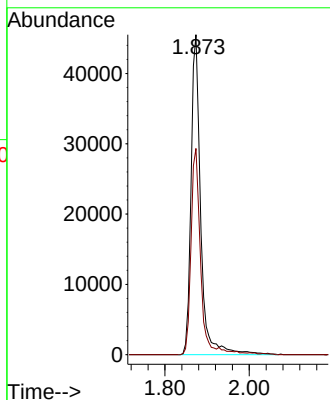
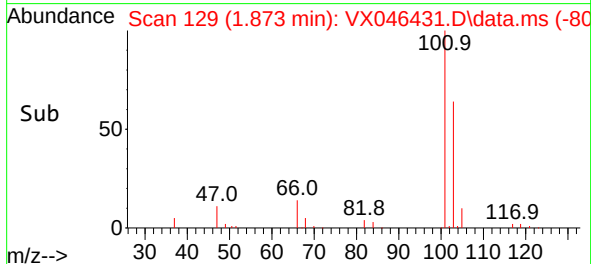
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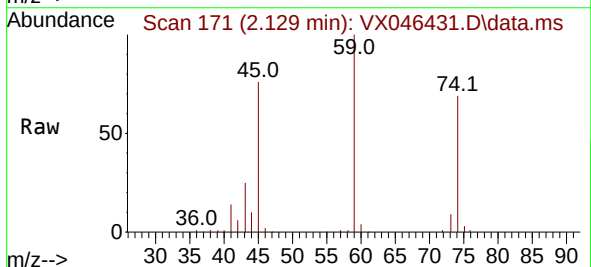
Tgt Ion:101 Resp: 7253
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.4

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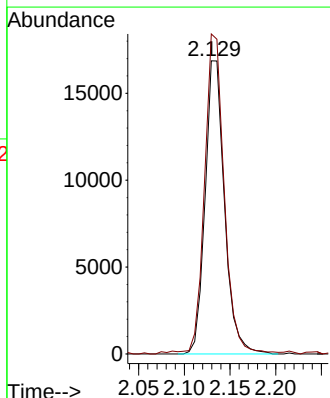
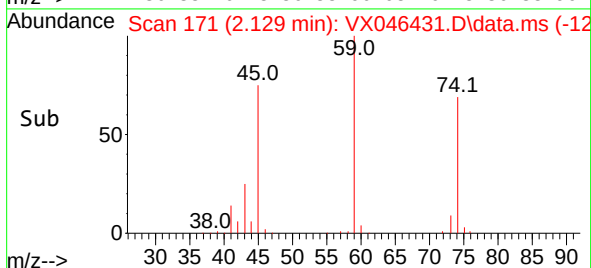
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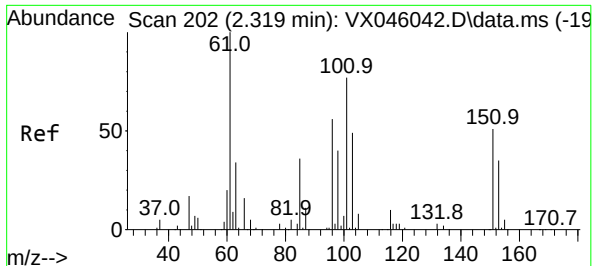


#8
Diethyl Ether
Concen: 48.314 ug/l
RT: 2.129 min Scan# 171
Delta R.T. -0.006 min
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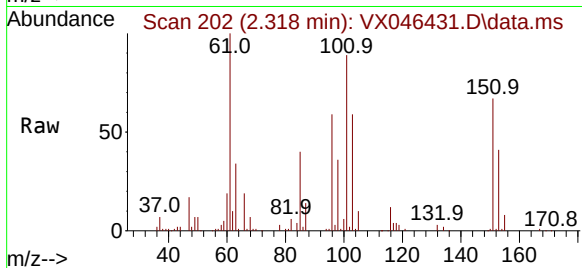
Tgt Ion: 74 Resp: 24886
Ion Ratio Lower Upper
74 100
45 111.2 54.9 164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.943 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

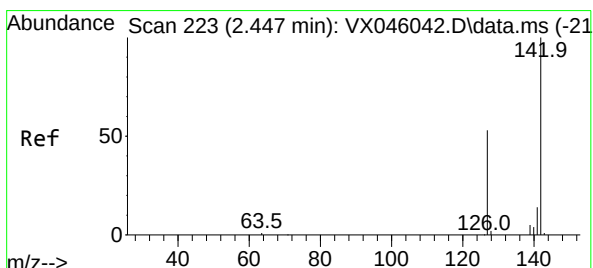
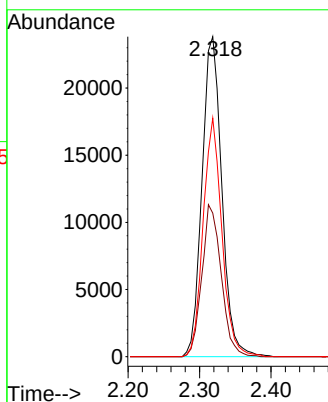
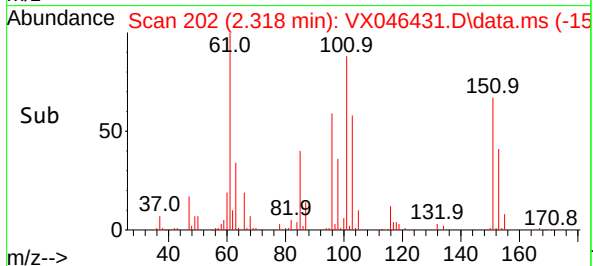
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



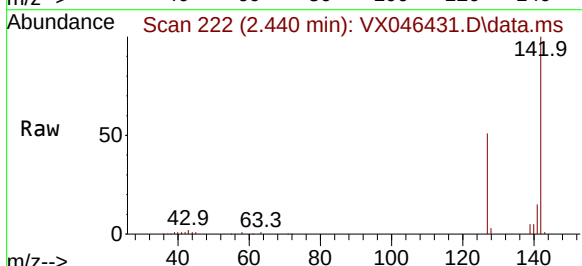
Tgt Ion:101 Resp: 45829
Ion Ratio Lower Upper
101 100
85 46.4 38.6 58.0
151 70.9 55.2 82.8

Manual Integrations
APPROVED

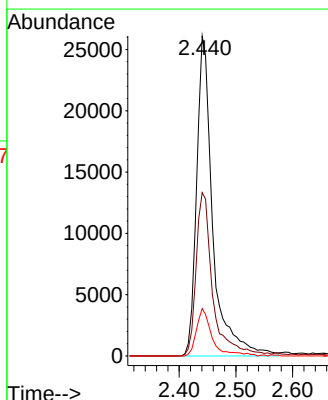
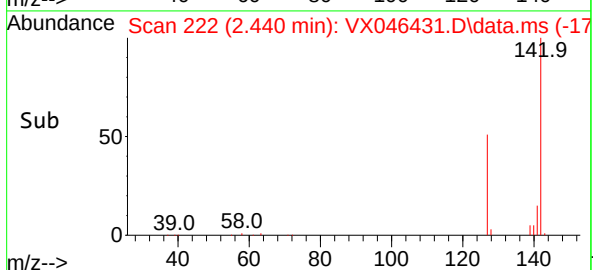
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

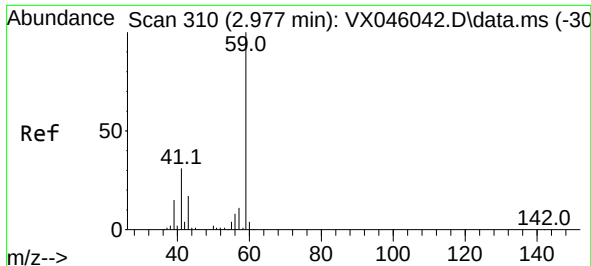


#10
Methyl Iodide
Concen: 46.760 ug/l
RT: 2.440 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56



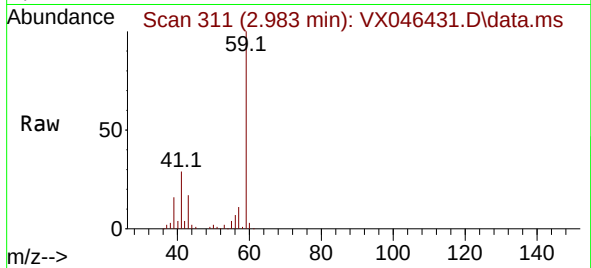
Tgt Ion:142 Resp: 51809
Ion Ratio Lower Upper
142 100
127 52.5 41.7 62.5
141 14.2 11.5 17.3





#11
Tert butyl alcohol
Concen: 313.593 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

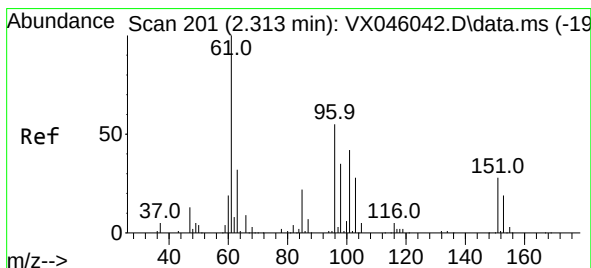
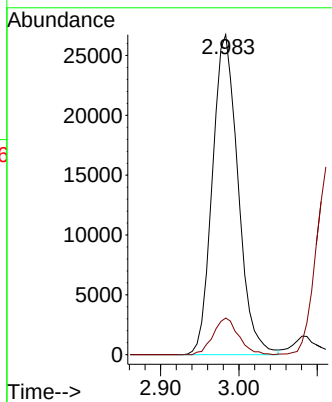
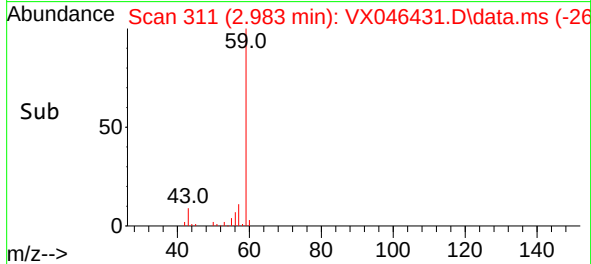
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 6082
Ion Ratio Lower Upper
59 100
57 11.4 8.6 12.8

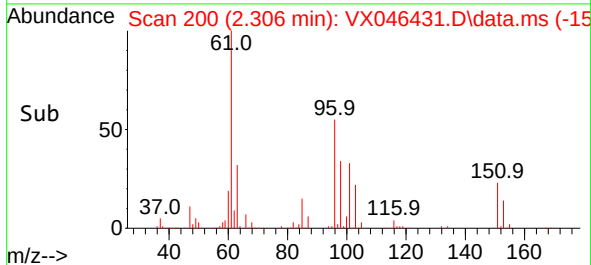
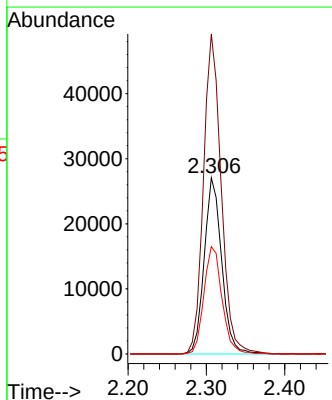
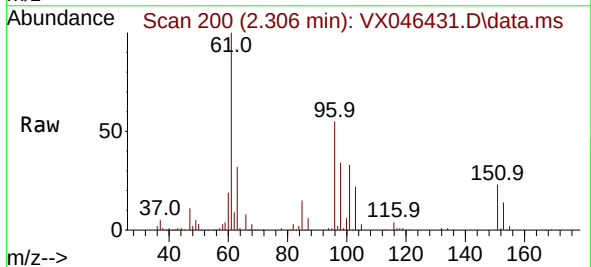
Manual Integrations
APPROVED

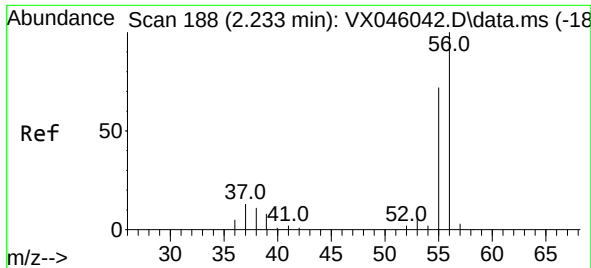
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#12
1,1-Dichloroethene
Concen: 47.743 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

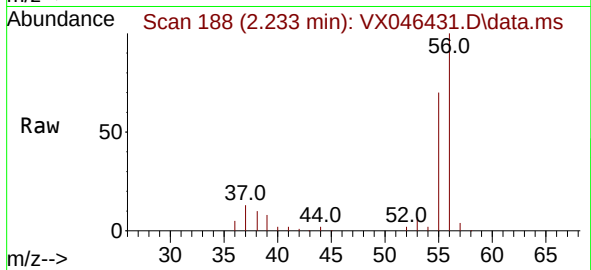
Tgt Ion: 96 Resp: 41957
Ion Ratio Lower Upper
96 100
61 181.7 146.2 219.2
98 61.0 51.0 76.6





#13
Acrolein
Concen: 280.627 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

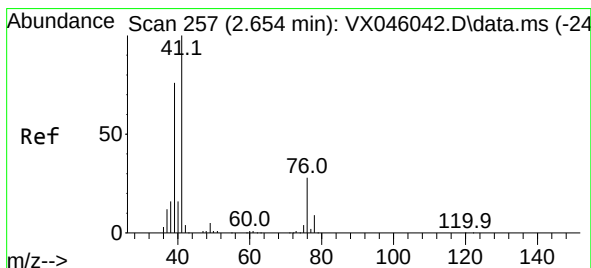
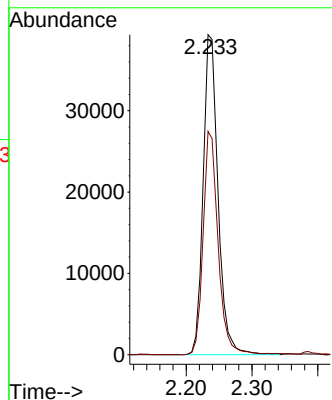
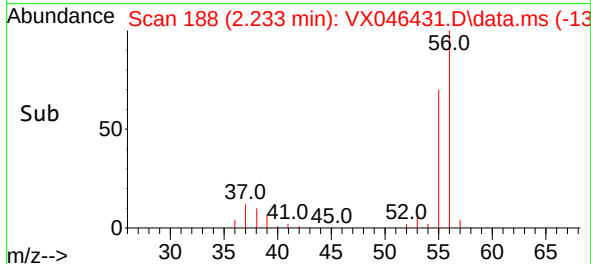
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 61985
Ion Ratio Lower Upper
56 100
55 70.1 56.2 84.4

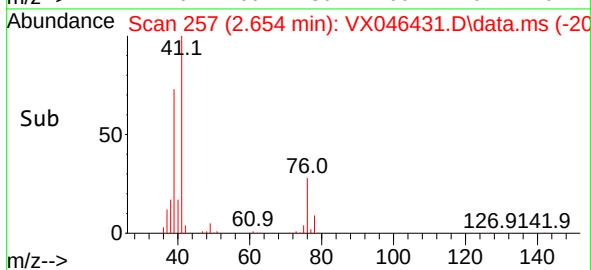
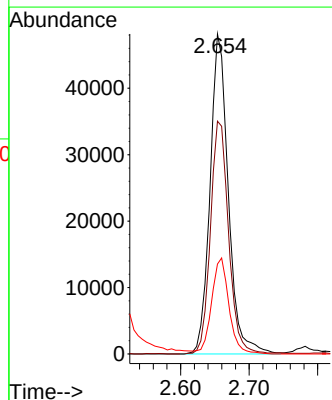
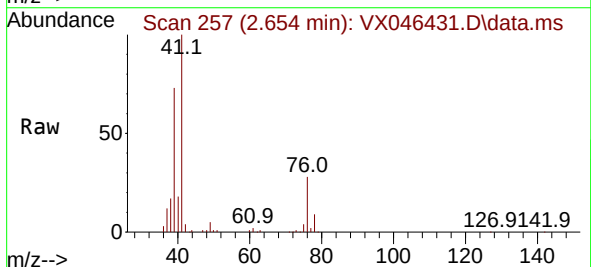
Manual Integrations
APPROVED

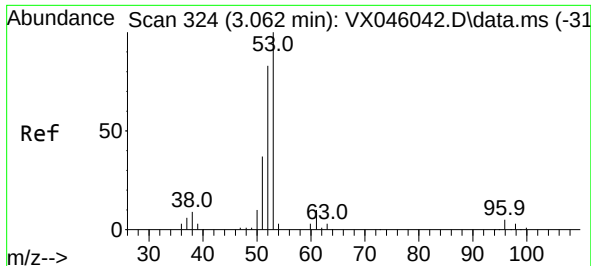
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#14
Allyl chloride
Concen: 53.151 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 41 Resp: 89270
Ion Ratio Lower Upper
41 100
39 72.2 60.6 90.8
76 28.5 24.9 37.3





#15

Acrylonitrile

Concen: 293.541 ug/l

RT: 3.062 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX046431.D

Acq: 30 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 53 Resp: 162790

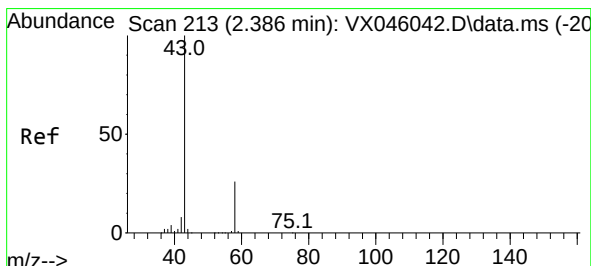
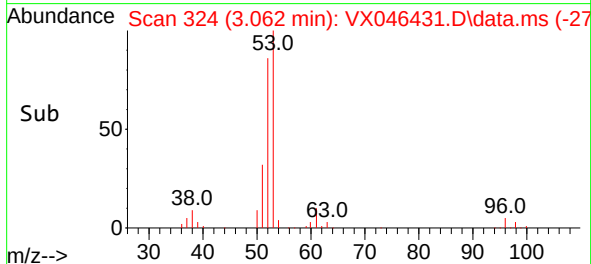
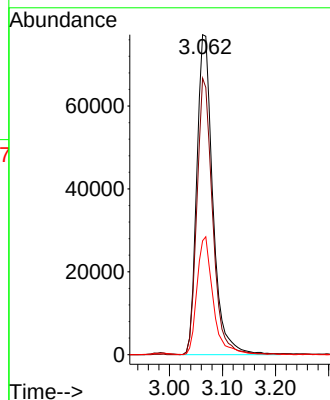
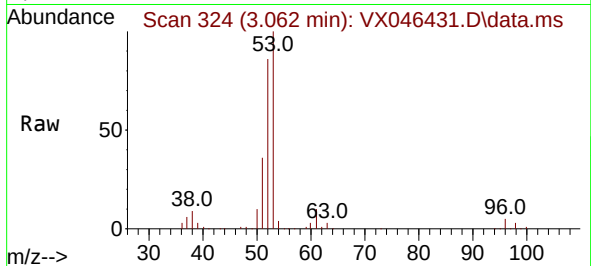
Ion	Ratio	Lower	Upper
53	100		
52	84.3	65.3	97.9
51	37.1	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#16

Acetone

Concen: 285.403 ug/l

RT: 2.386 min Scan# 213

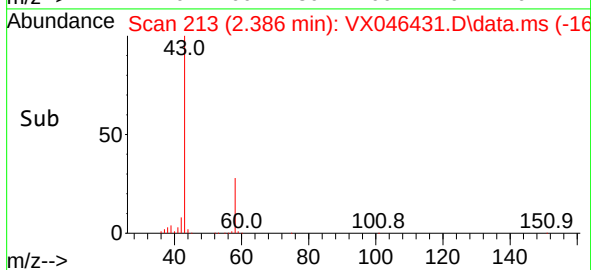
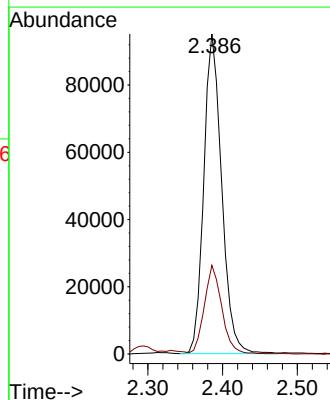
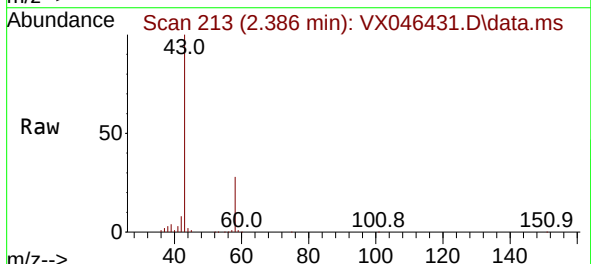
Delta R.T. -0.000 min

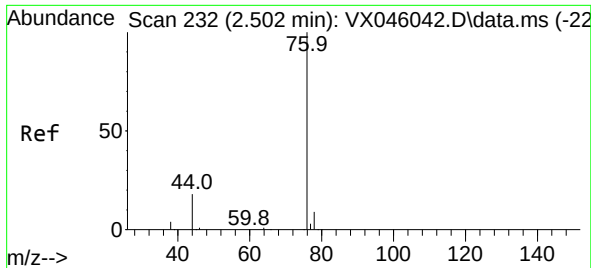
Lab File: VX046431.D

Acq: 30 May 2025 18:56

Tgt Ion: 43 Resp: 158115

Ion	Ratio	Lower	Upper
43	100		
58	27.6	21.2	31.8





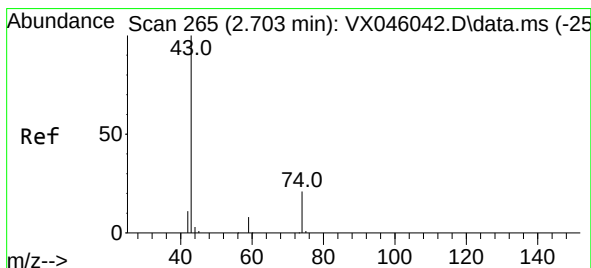
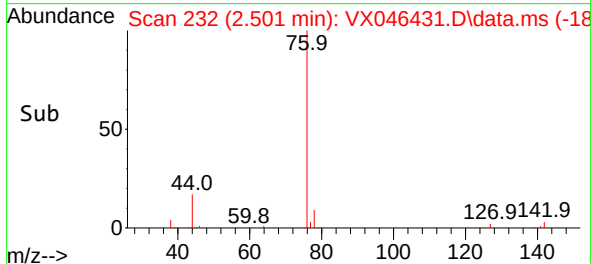
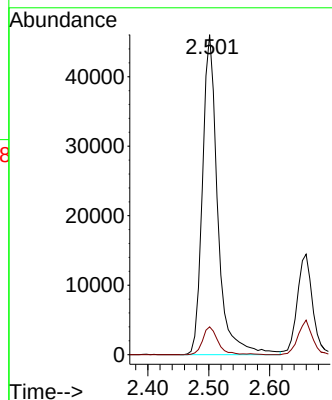
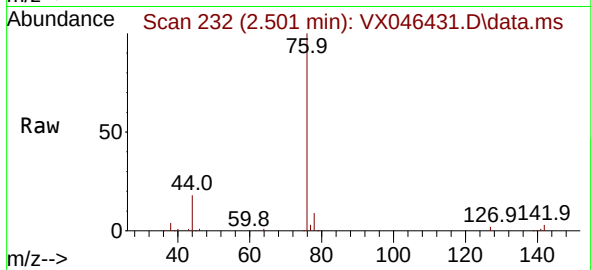
#17
Carbon Disulfide
Concen: 38.590 ug/l
RT: 2.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 8040
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

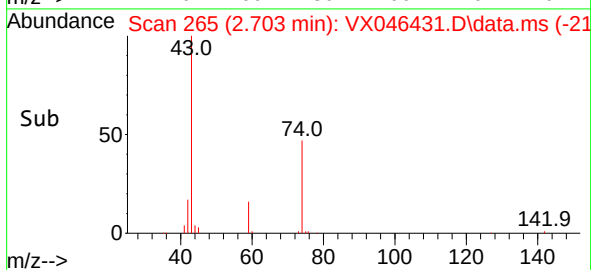
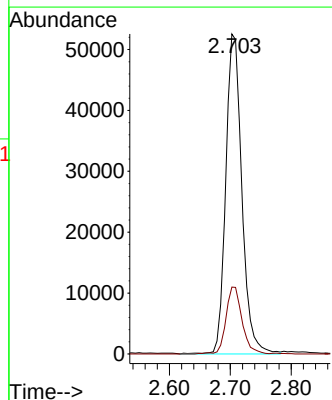
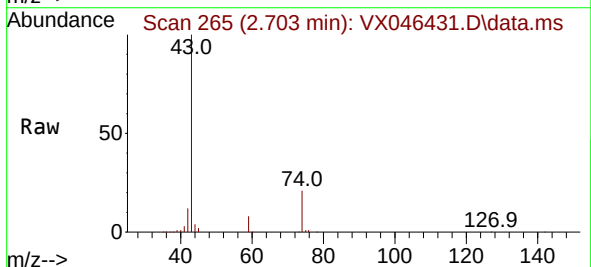
Manual Integrations
APPROVED

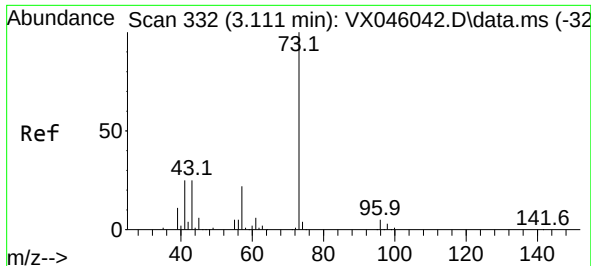
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#18
Methyl Acetate
Concen: 75.091 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 43 Resp: 96536
Ion Ratio Lower Upper
43 100
74 20.8 16.7 25.1





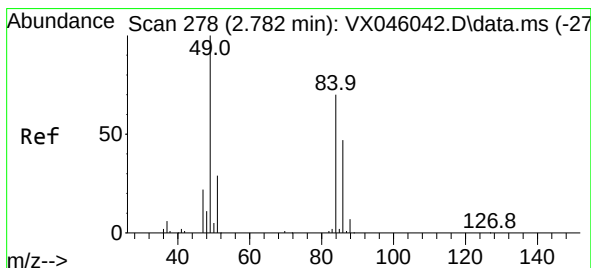
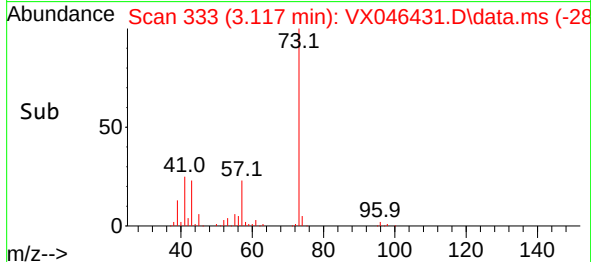
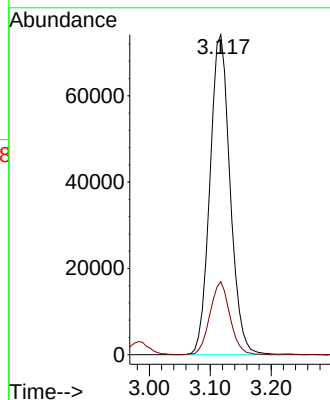
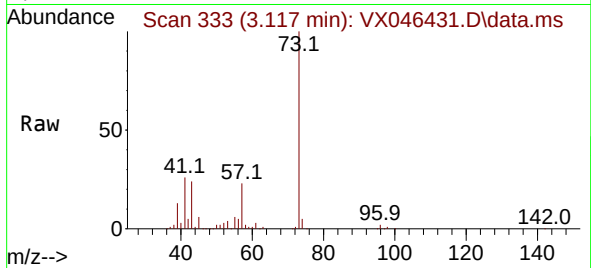
#19
Methyl tert-butyl Ether
Concen: 55.398 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 170684
Ion Ratio Lower Upper
73 100
57 22.8 17.7 26.5

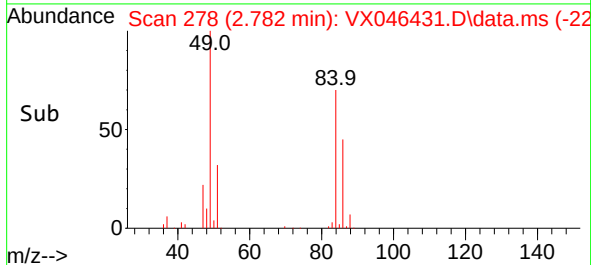
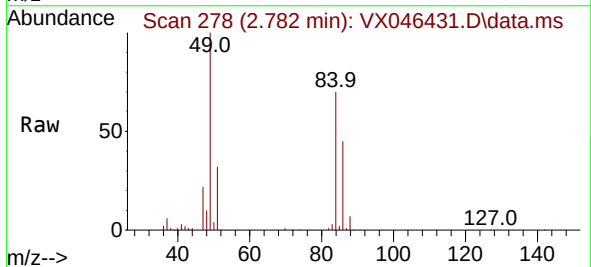
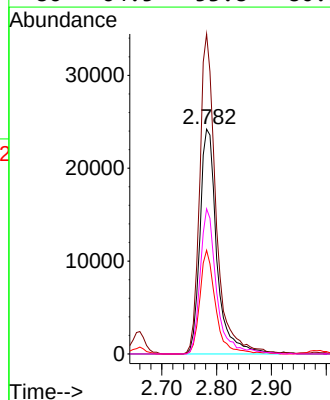
Manual Integrations
APPROVED

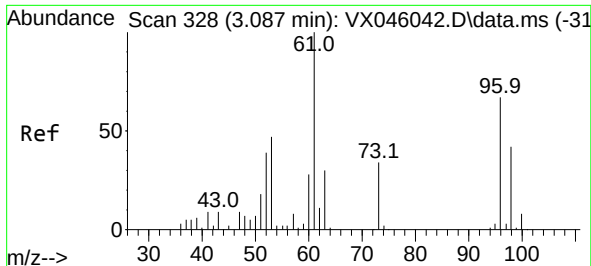
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#20
Methylene Chloride
Concen: 49.194 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

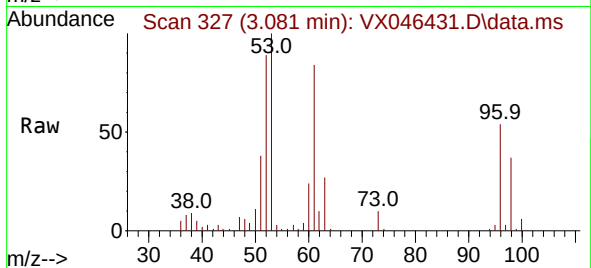
Tgt Ion: 84 Resp: 52227
Ion Ratio Lower Upper
84 100
49 142.3 113.9 170.9
51 46.1 33.5 50.3
86 64.5 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 47.561 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

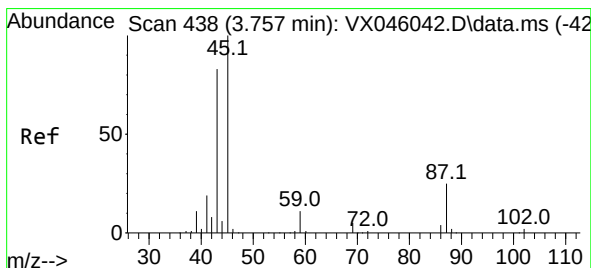
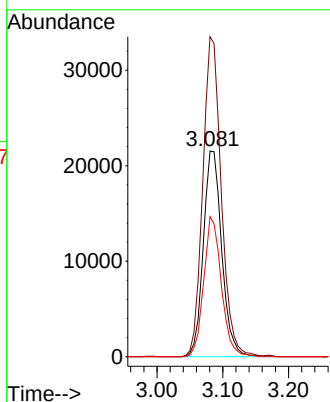
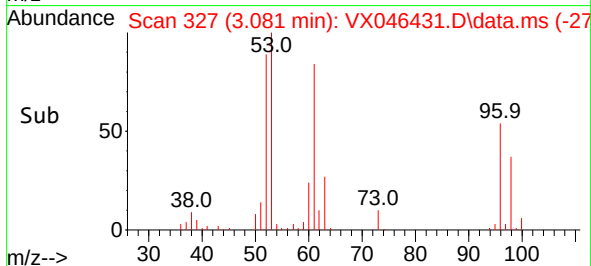
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 4203
Ion Ratio Lower Upper
96 100
61 155.6 119.5 179.3
98 68.1 50.0 75.0

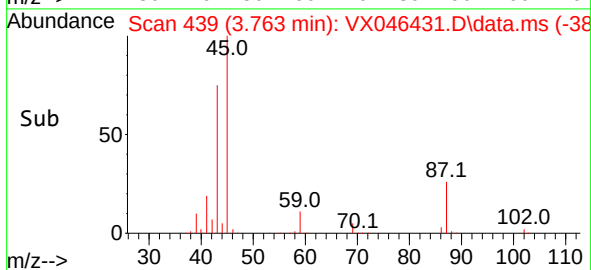
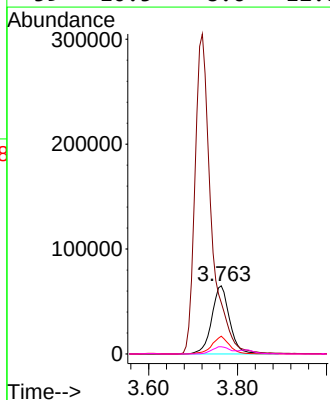
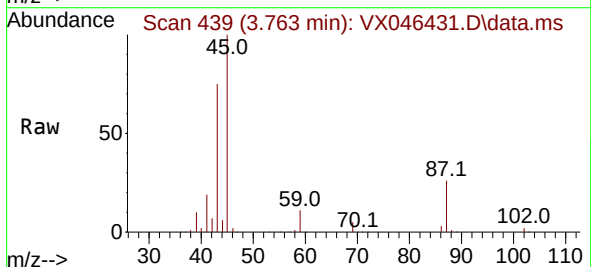
Manual Integrations
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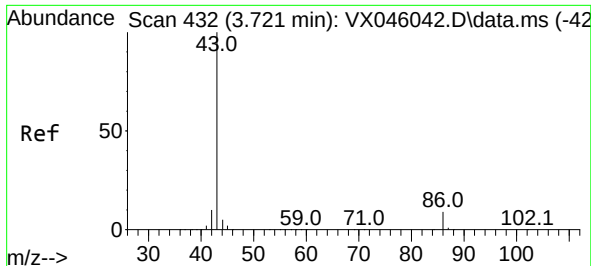
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#22
Diisopropyl ether
Concen: 55.717 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 45 Resp: 180764
Ion Ratio Lower Upper
45 100
43 75.4 66.6 100.0
87 26.2 19.8 29.6
59 10.5 8.6 12.8





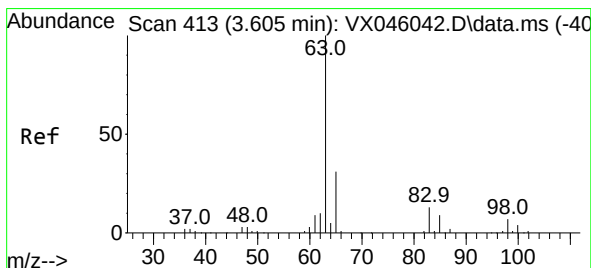
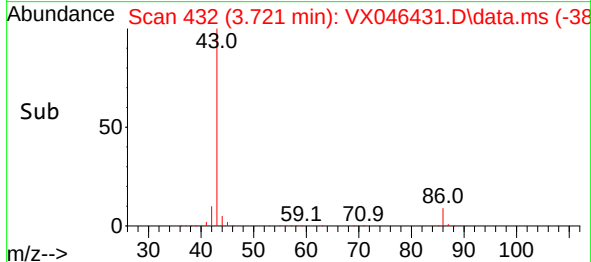
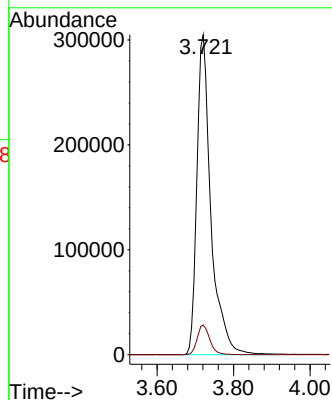
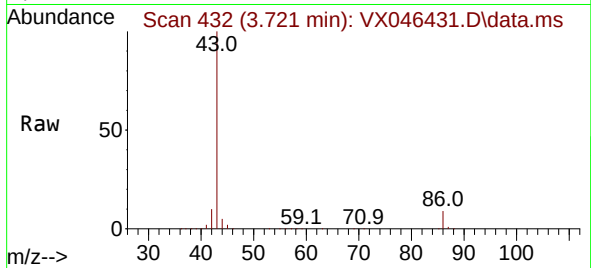
#23
 Vinyl Acetate
 Concen: 272.581 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046431.D
 Acq: 30 May 2025 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 77780
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3

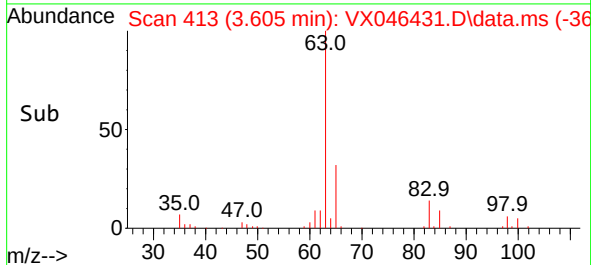
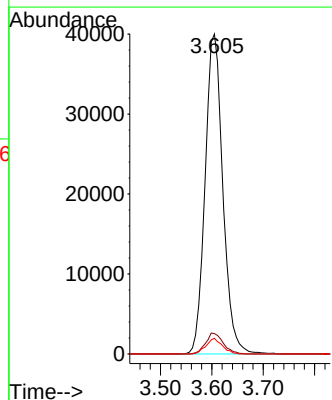
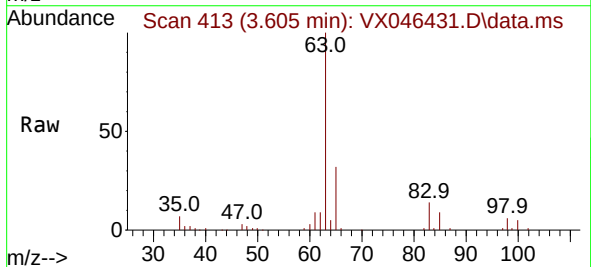
Manual Integrations
 APPROVED

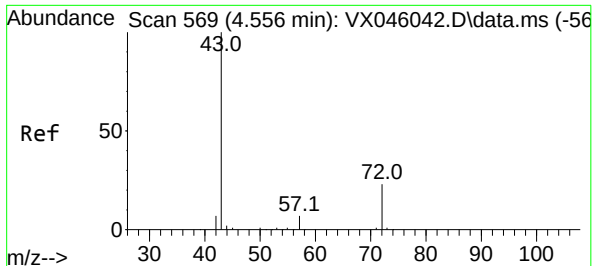
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025



#24
 1,1-Dichloroethane
 Concen: 53.212 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046431.D
 Acq: 30 May 2025 18:56

Tgt Ion: 63 Resp: 96154
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.8
 100 4.9 2.1 6.3





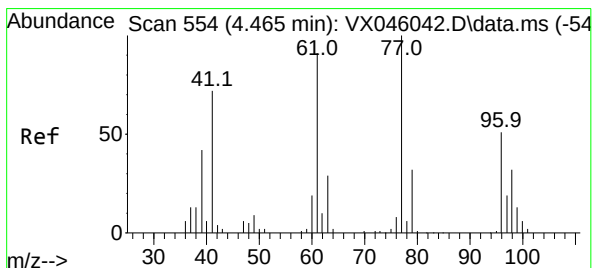
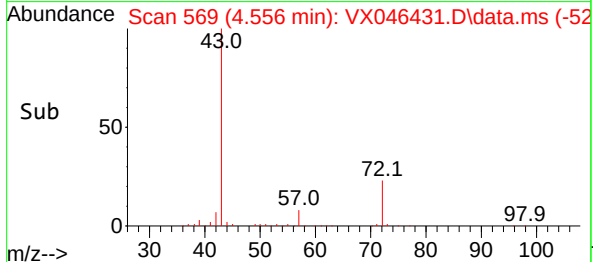
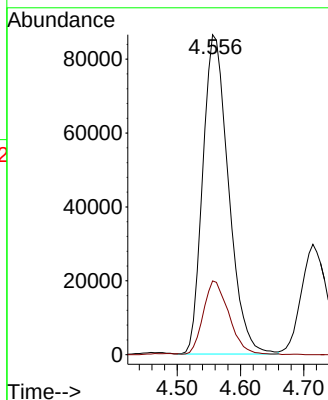
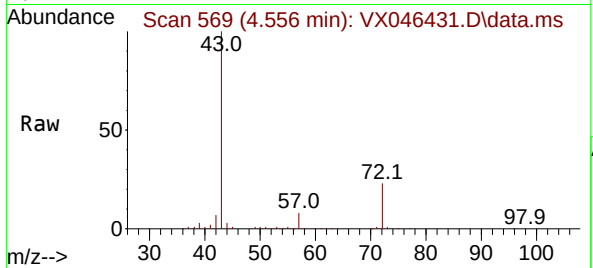
#25
2-Butanone
Concen: 304.288 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 244738
Ion Ratio Lower Upper
43 100
72 22.9 18.4 27.6

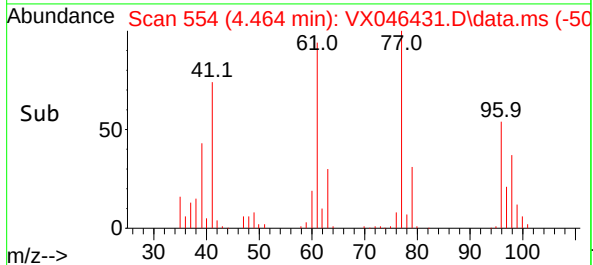
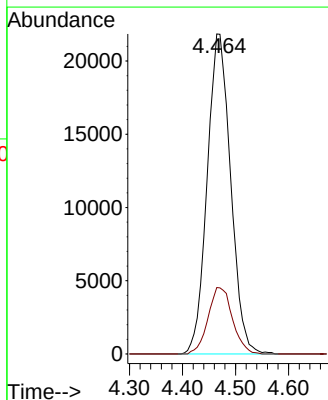
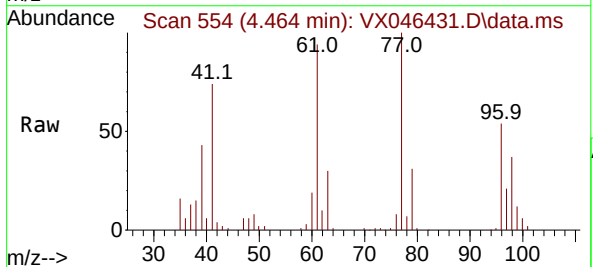
Manual Integrations
APPROVED

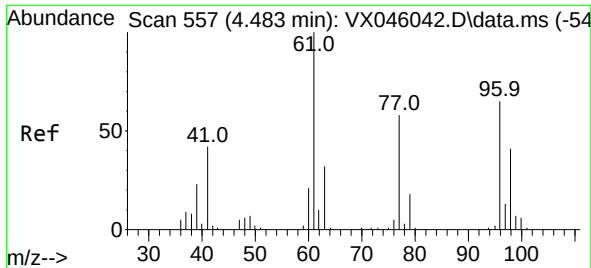
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#26
2,2-Dichloropropane
Concen: 47.489 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

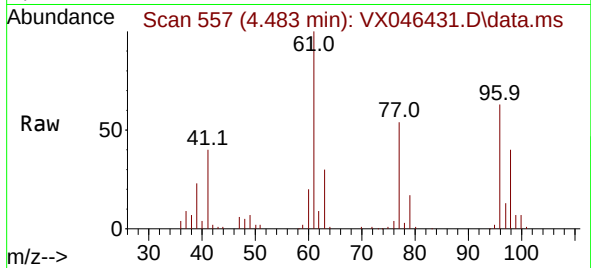
Tgt Ion: 77 Resp: 67166
Ion Ratio Lower Upper
77 100
97 21.6 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 52.367 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX046431.D
 Acq: 30 May 2025 18:56

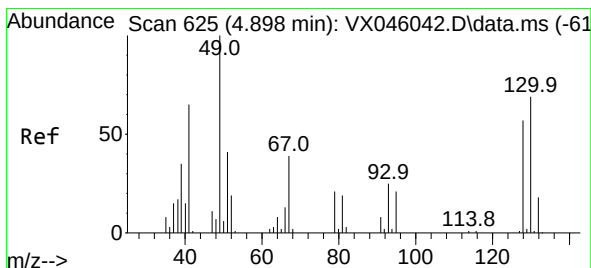
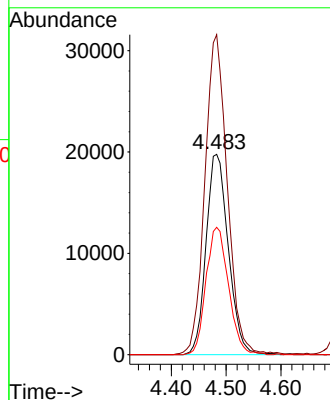
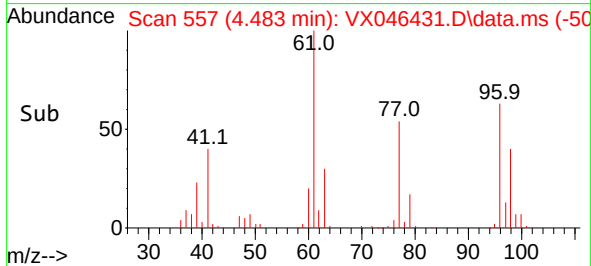
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



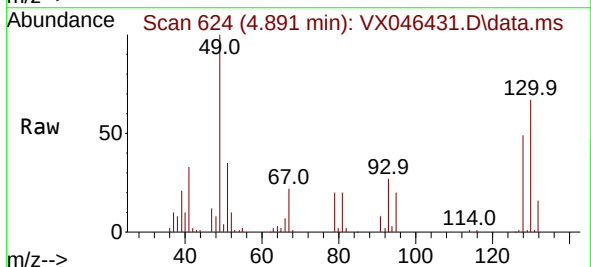
Tgt Ion: 96 Resp: 55714
 Ion Ratio Lower Upper
 96 100
 61 161.1 0.0 322.8
 98 64.3 0.0 129.0

Manual Integrations
 APPROVED

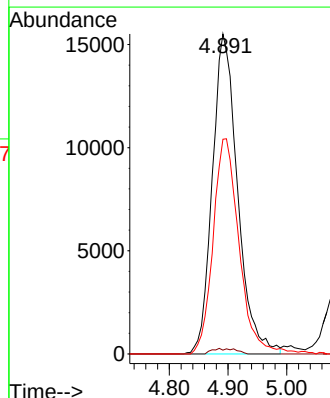
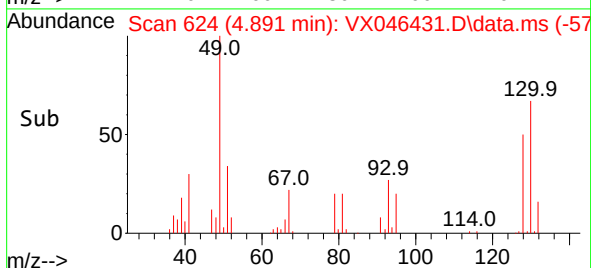
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025

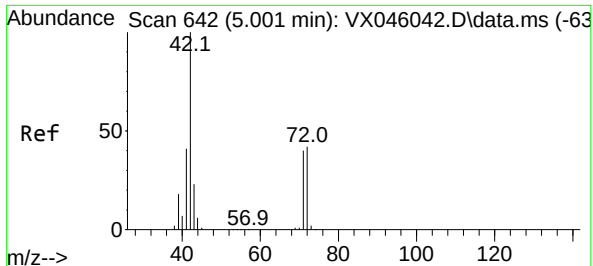


#28
 Bromochloromethane
 Concen: 53.277 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX046431.D
 Acq: 30 May 2025 18:56



Tgt Ion: 49 Resp: 46340
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.0
 130 69.1 56.2 84.2





#29

Tetrahydrofuran

Concen: 301.498 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX046431.D

Acq: 30 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 15195

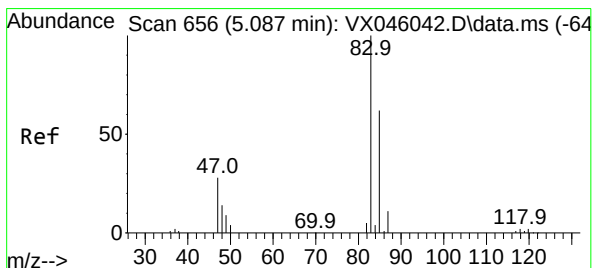
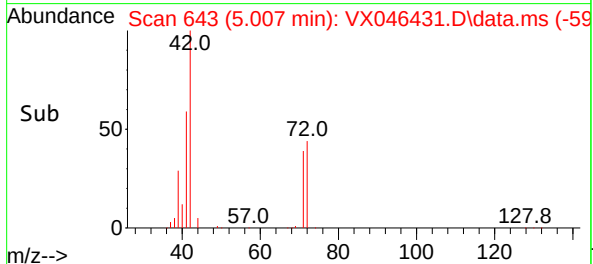
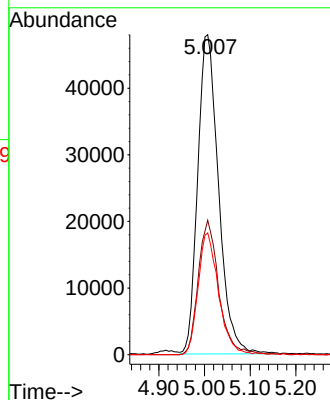
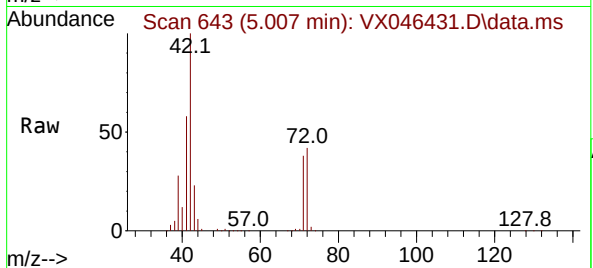
Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.7	50.5
71	37.3	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#30

Chloroform

Concen: 54.718 ug/l

RT: 5.086 min Scan# 656

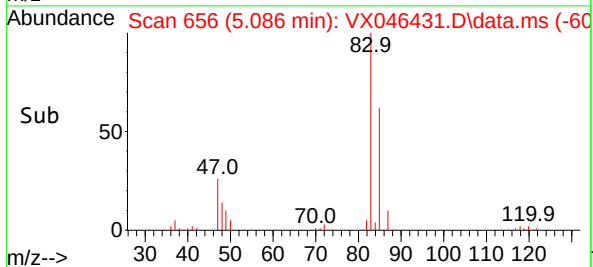
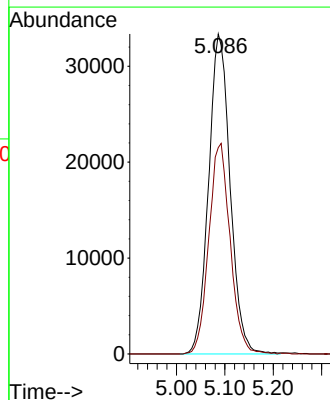
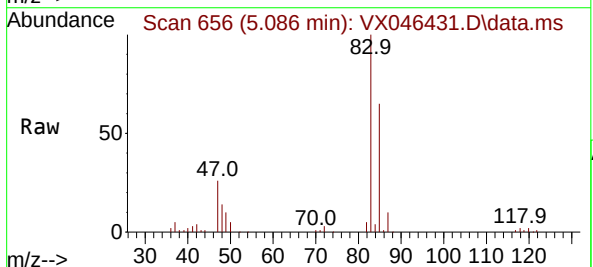
Delta R.T. -0.000 min

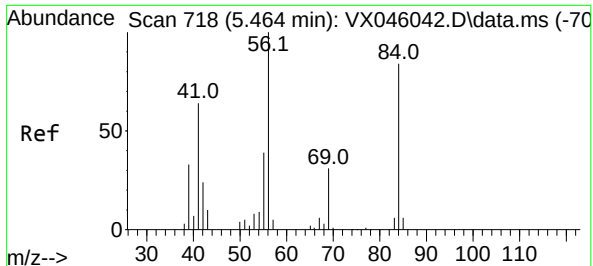
Lab File: VX046431.D

Acq: 30 May 2025 18:56

Tgt Ion: 83 Resp: 103059

Ion	Ratio	Lower	Upper
83	100		
85	64.5	49.3	73.9





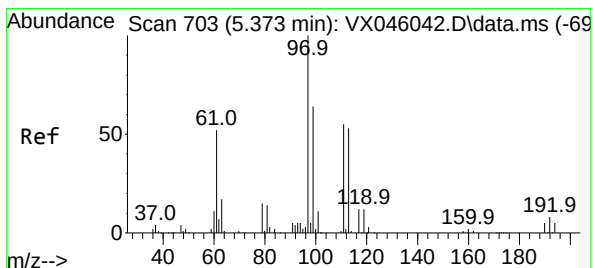
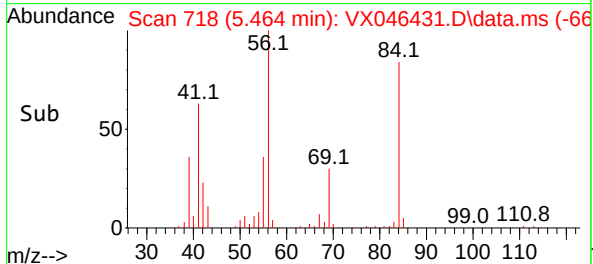
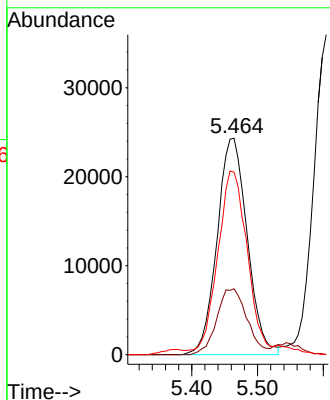
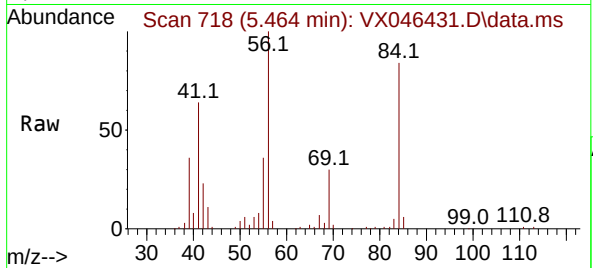
#31
Cyclohexane
Concen: 47.127 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 77602
Ion Ratio Lower Upper
56 100
69 30.4 24.4 36.6
84 81.9 66.9 100.3

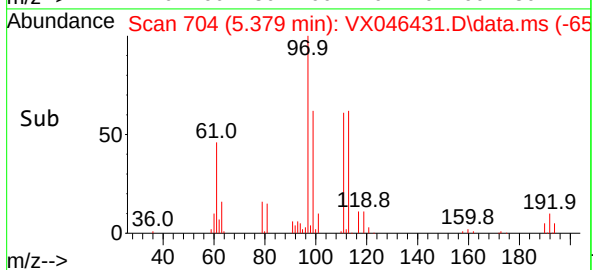
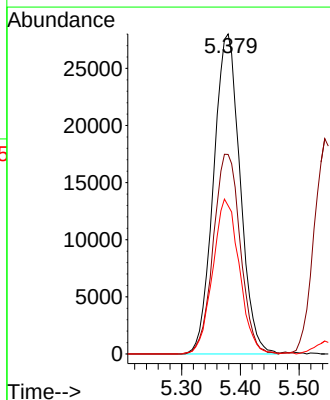
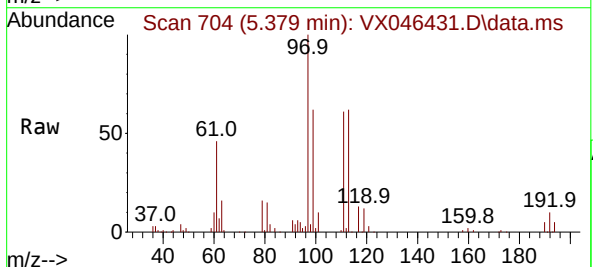
Manual Integrations
APPROVED

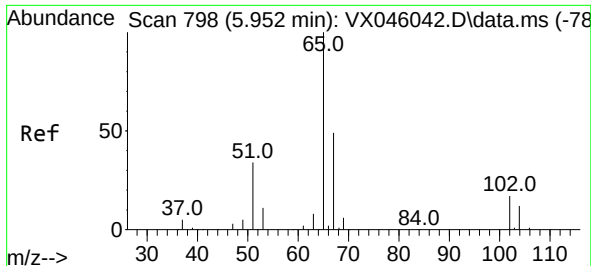
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#32
1,1,1-Trichloroethane
Concen: 53.836 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 97 Resp: 87897
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.6
61 48.7 40.1 60.1





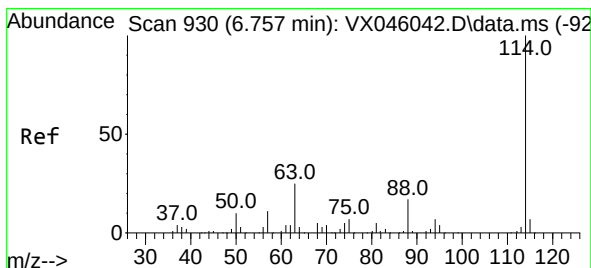
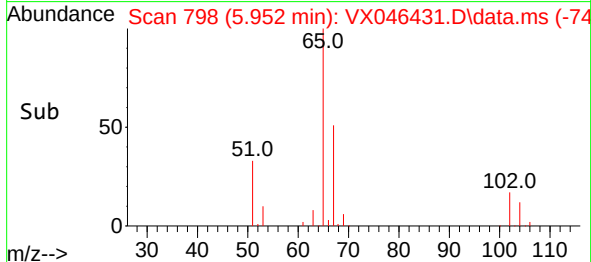
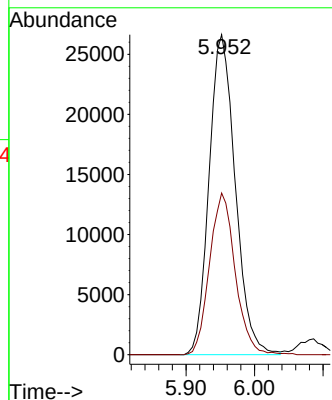
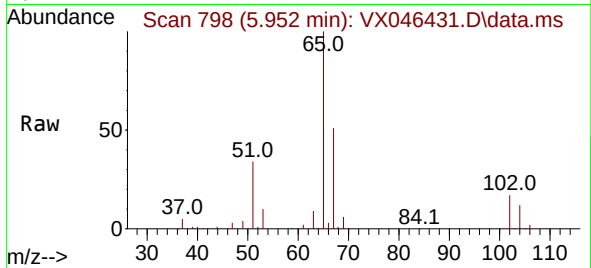
#33
1,2-Dichloroethane-d4
Concen: 51.122 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 7063
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

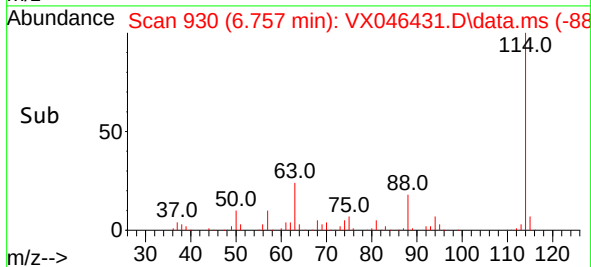
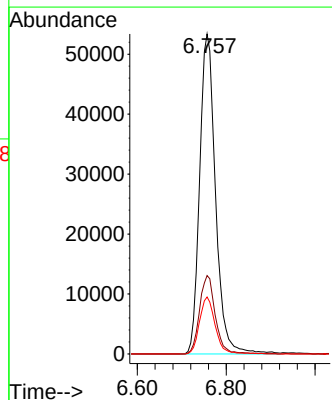
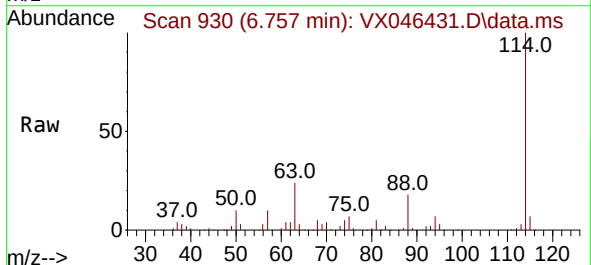
Manual Integrations
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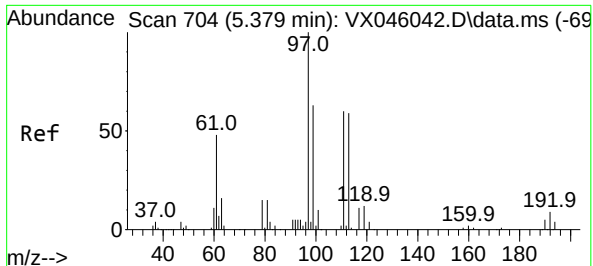
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

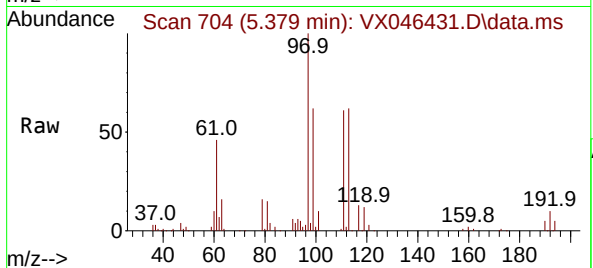
Tgt Ion:114 Resp: 133003
Ion Ratio Lower Upper
114 100
63 24.5 0.0 49.2
88 17.8 0.0 33.6





#35
Dibromofluoromethane
Concen: 51.372 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

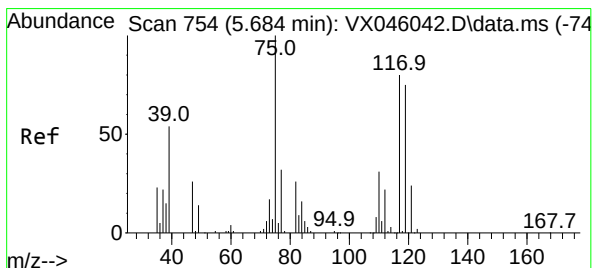
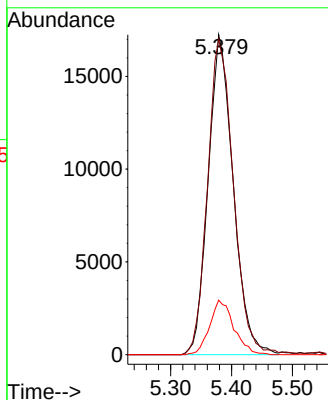
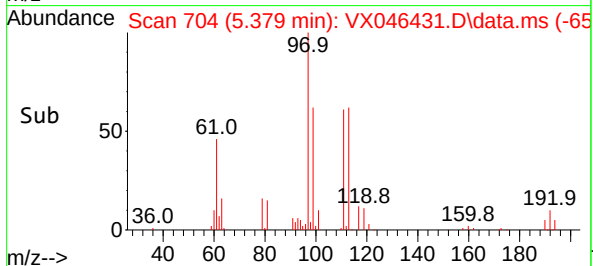
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 4920
Ion Ratio Lower Upper
113 100
111 101.7 83.1 124.7
192 16.5 13.3 19.9

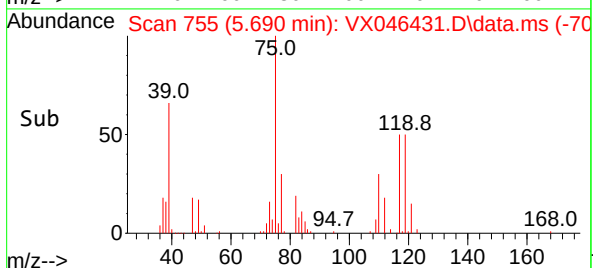
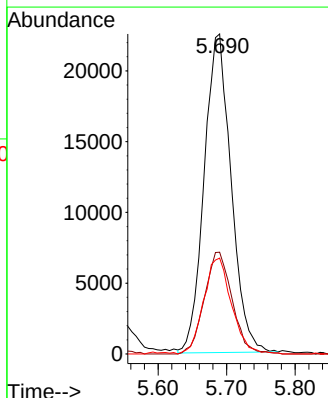
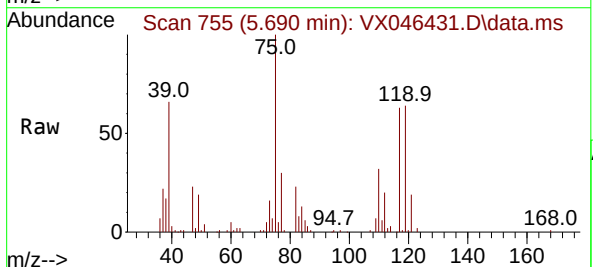
Manual Integrations
APPROVED

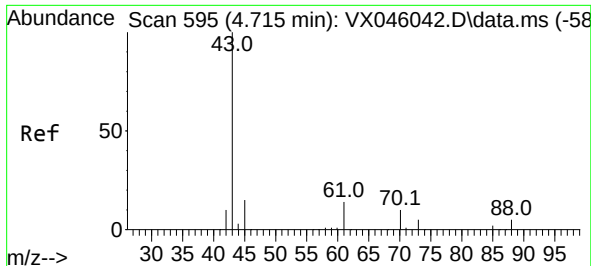
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#36
1,1-Dichloropropene
Concen: 47.863 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 75 Resp: 61592
Ion Ratio Lower Upper
75 100
110 32.9 16.3 48.9
77 31.3 24.3 36.5





#37

Ethyl Acetate

Concen: 53.781 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX046431.D

Acq: 30 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

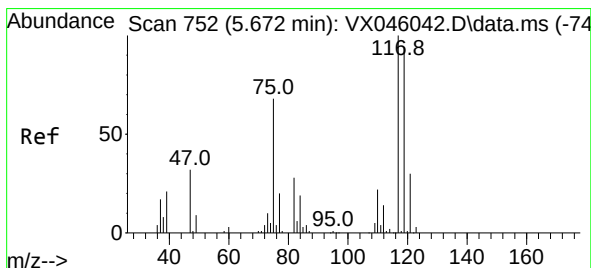
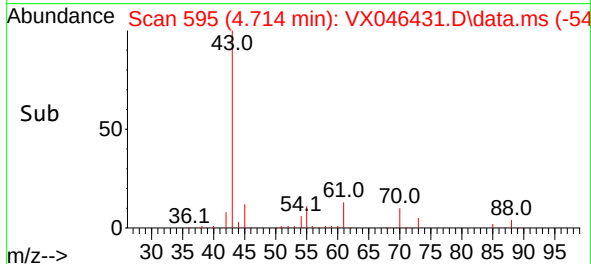
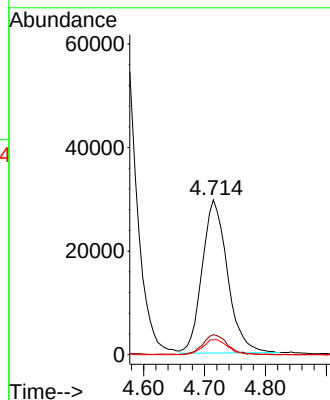
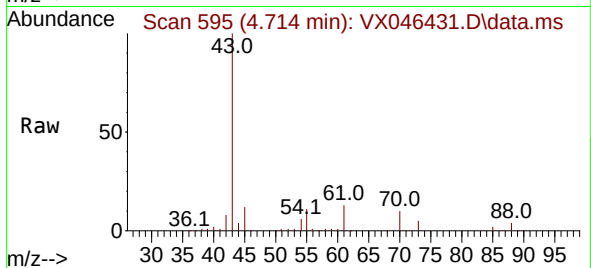
Tgt Ion: 43	Resp: 85500
Ion Ratio	Lower Upper
43 100	
61 12.2	10.3 15.5
70 9.8	7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#38

Carbon Tetrachloride

Concen: 49.348 ug/l

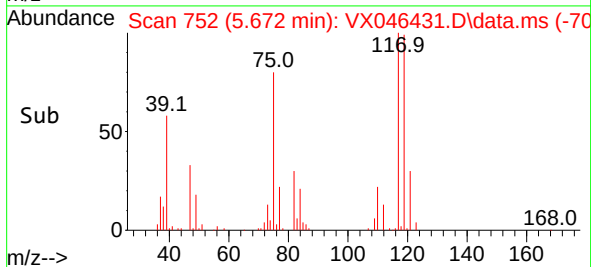
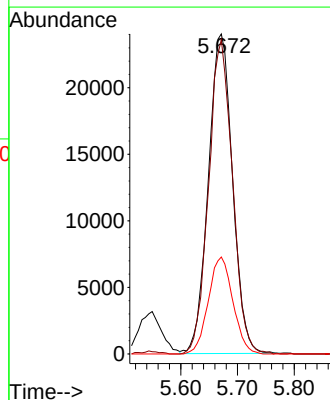
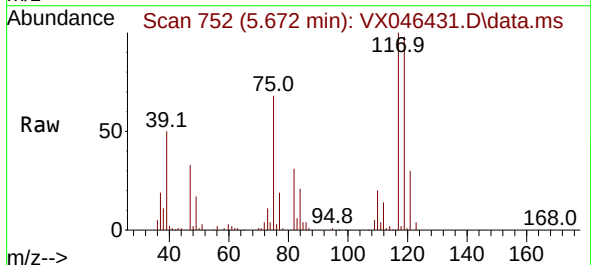
RT: 5.672 min Scan# 752

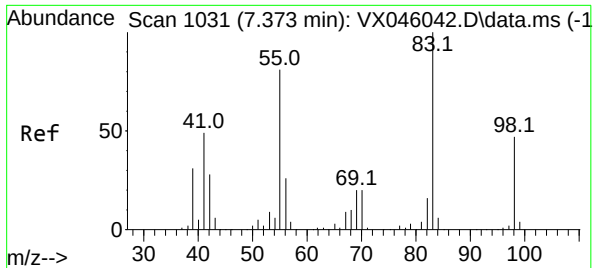
Delta R.T. -0.000 min

Lab File: VX046431.D

Acq: 30 May 2025 18:56

Tgt Ion: 117	Resp: 71351
Ion Ratio	Lower Upper
117 100	
119 98.4	75.2 112.8
121 30.4	24.2 36.4





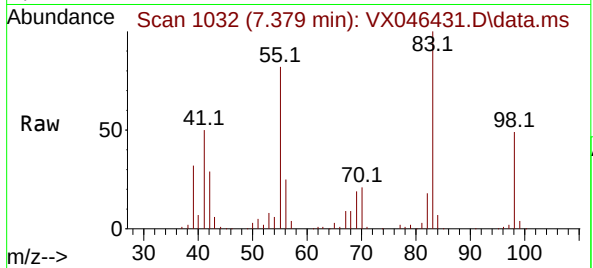
#39
Methylcyclohexane
Concen: 45.703 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



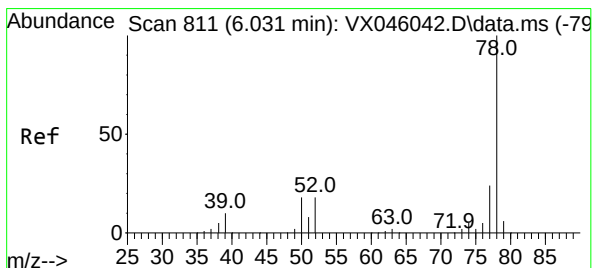
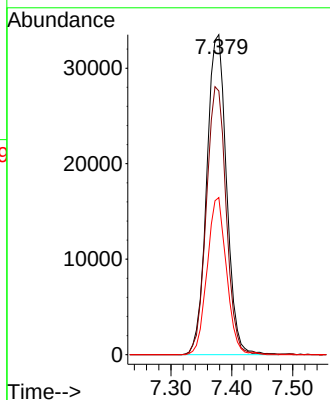
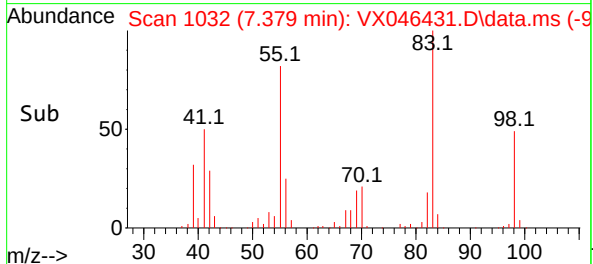
Tgt Ion: 83 Resp: 75710
Ion Ratio Lower Upper
83 100
55 82.4 64.7 97.1
98 49.1 37.4 56.2

Manual Integrations

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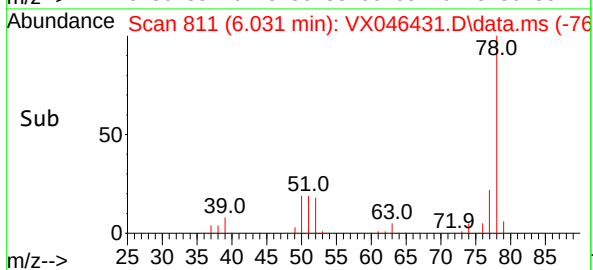
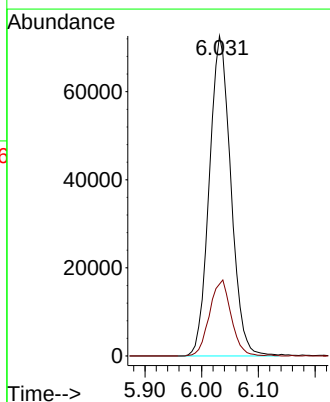
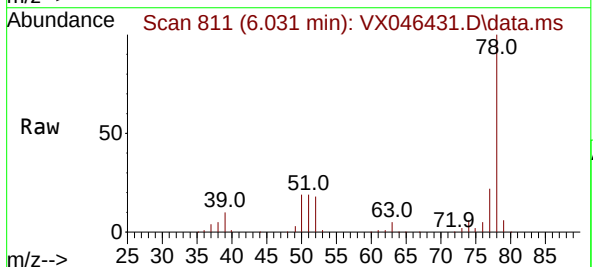
Reviewed By :John Carlone 06/02/2025

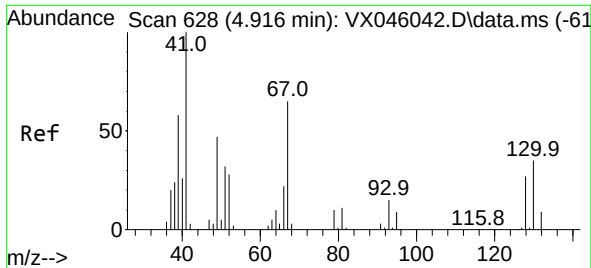
Supervised By :Mahesh Dadoda 06/02/2025



#40
Benzene
Concen: 50.909 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

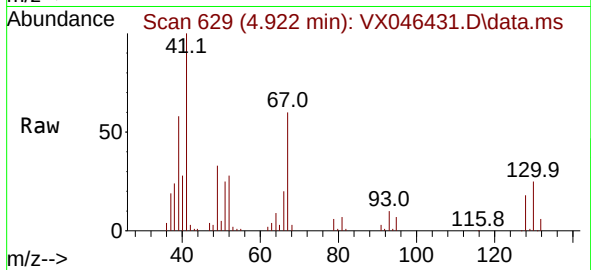
Tgt Ion: 78 Resp: 191891
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.4





#41
Methacrylonitrile
Concen: 61.498 ug/l
RT: 4.922 min Scan# 614
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

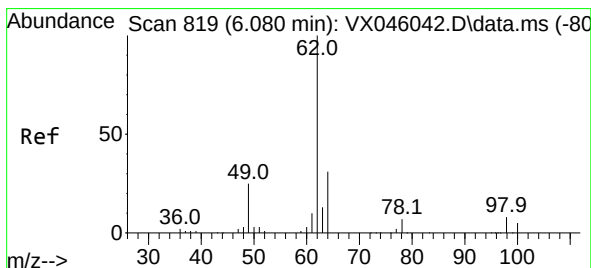
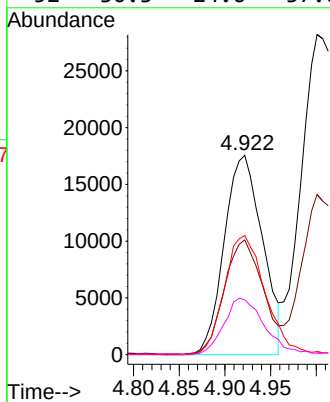
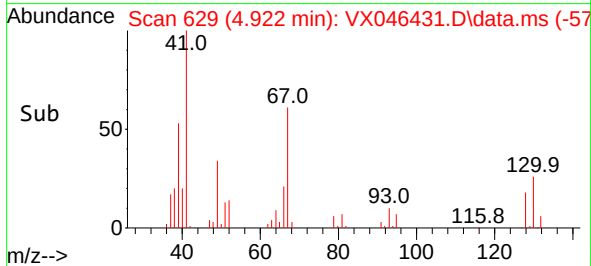
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 51148
Ion Ratio Lower Upper
41 100
39 58.1 47.2 70.8
67 64.5 50.7 76.1
52 30.3 24.6 37.0

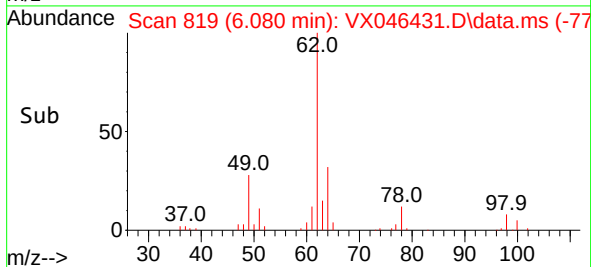
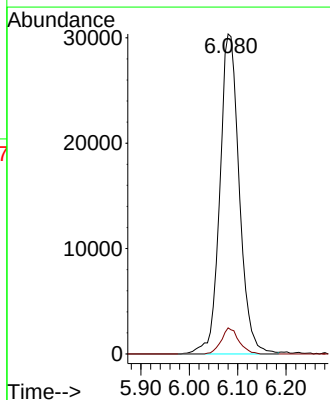
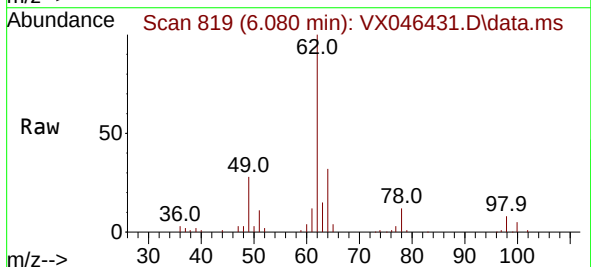
Manual Integrations
APPROVED

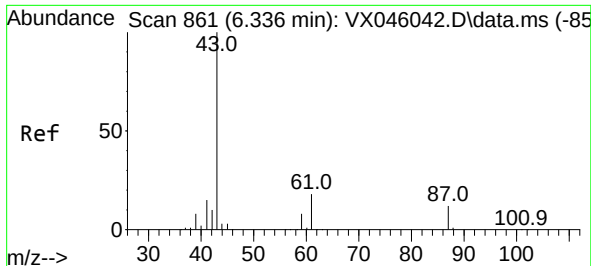
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#42
1,2-Dichloroethane
Concen: 52.168 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 62 Resp: 84867
Ion Ratio Lower Upper
62 100
98 7.3 0.0 15.2





#43

Isopropyl Acetate

Concen: 57.828 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX046431.D

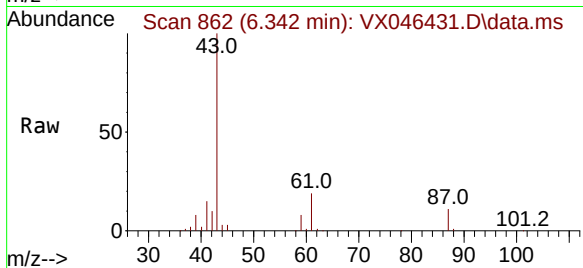
Acq: 30 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



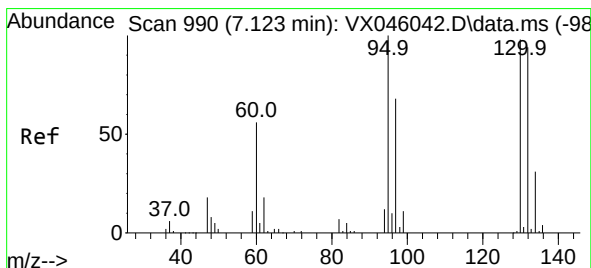
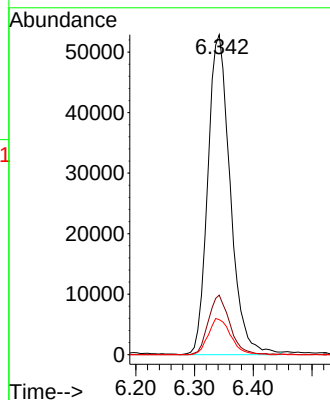
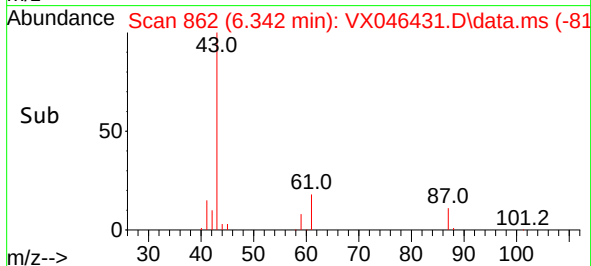
Tgt Ion: 43	Resp: 14026
Ion Ratio	Lower Upper
43	100
61	17.9 14.3 21.5
87	11.3 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#44

Trichloroethene

Concen: 49.514 ug/l

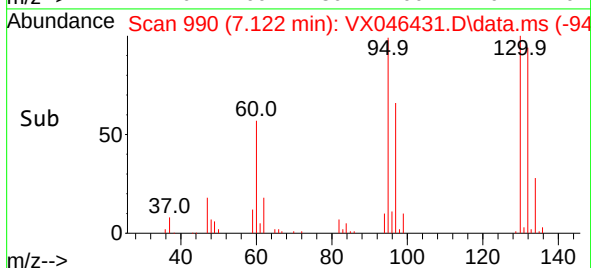
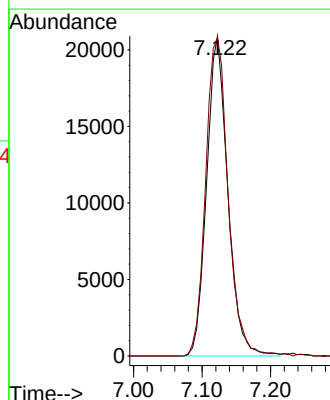
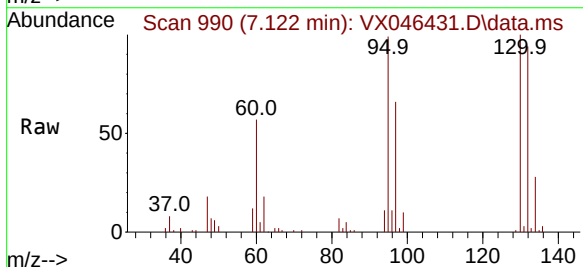
RT: 7.122 min Scan# 990

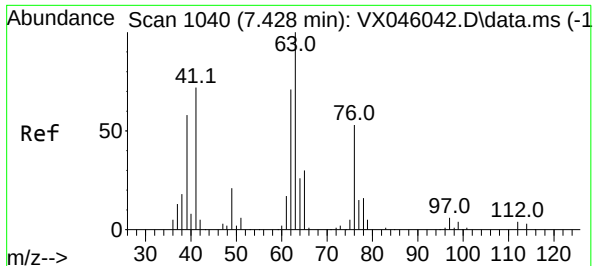
Delta R.T. -0.000 min

Lab File: VX046431.D

Acq: 30 May 2025 18:56

Tgt Ion:130	Resp: 44919
Ion Ratio	Lower Upper
130	100
95	99.5 0.0 204.2





#45

1,2-Dichloropropane

Concen: 55.357 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX046431.D

Acq: 30 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 51884

Ion Ratio Lower Upper

63 100

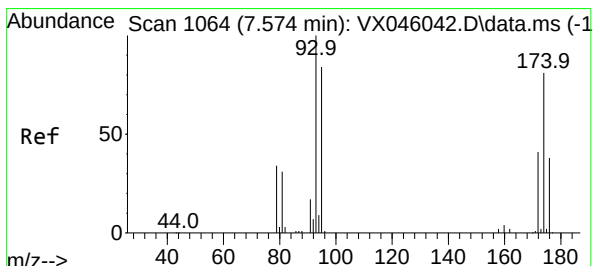
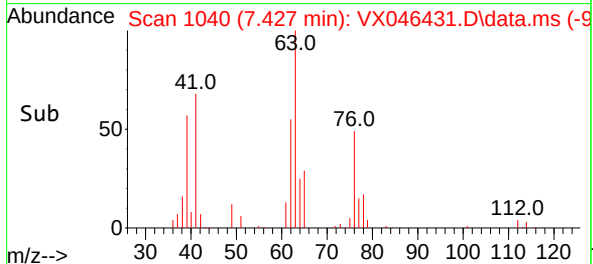
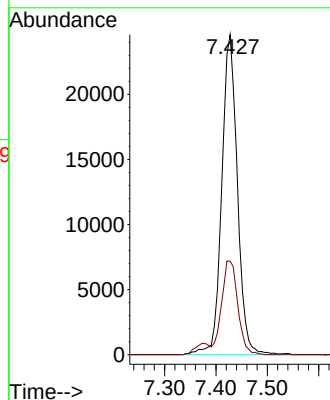
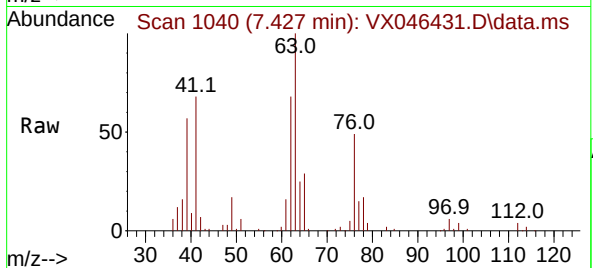
65 29.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#46

Dibromomethane

Concen: 52.619 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX046431.D

Acq: 30 May 2025 18:56

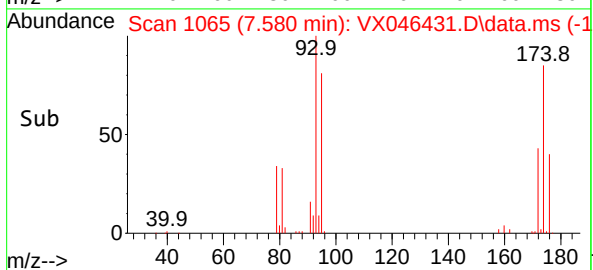
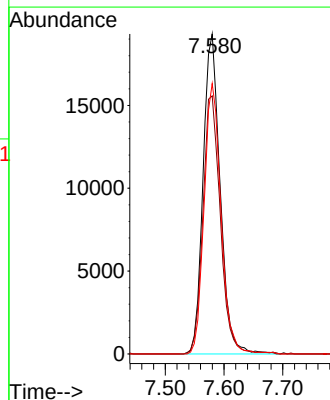
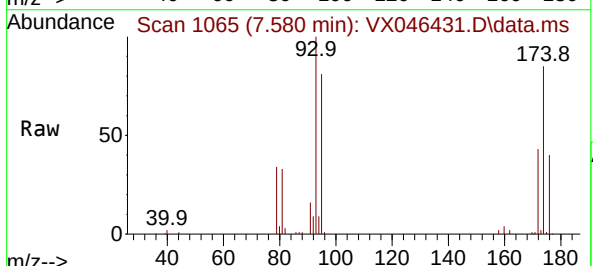
Tgt Ion: 93 Resp: 38897

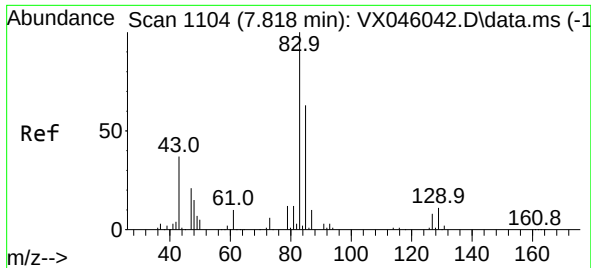
Ion Ratio Lower Upper

93 100

95 82.6 65.6 98.4

174 84.2 68.2 102.2





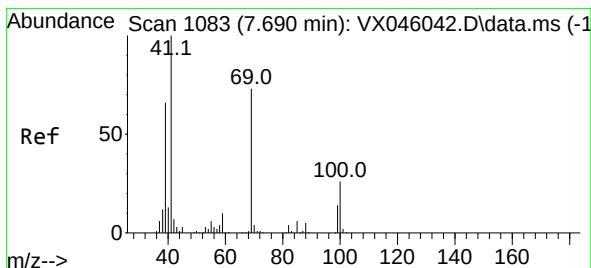
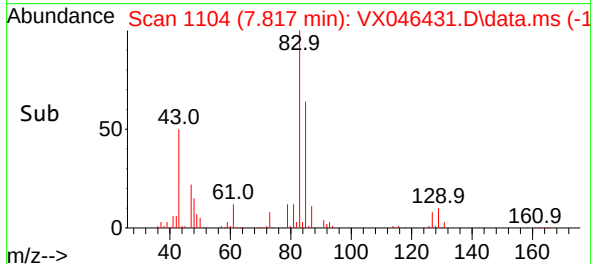
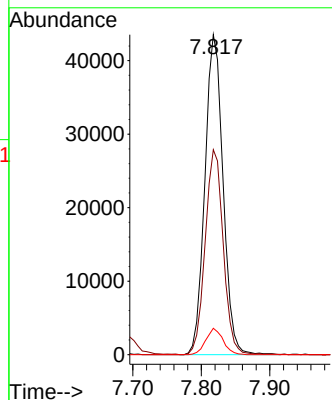
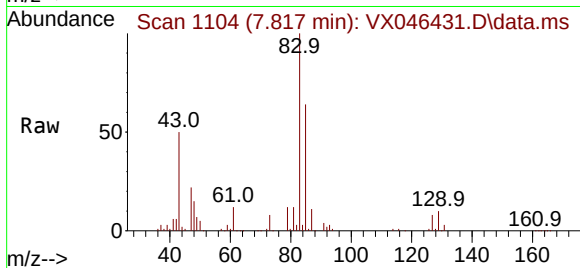
#47
Bromodichloromethane
Concen: 55.161 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 80312
Ion Ratio Lower Upper
83 100
85 64.0 50.5 75.7
127 8.3 6.5 9.7

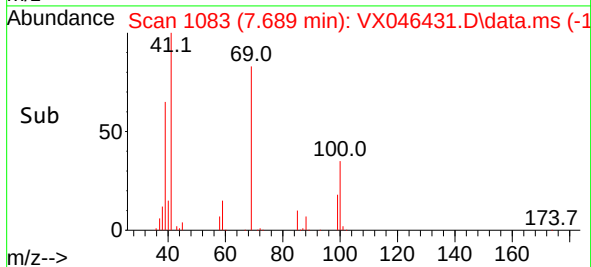
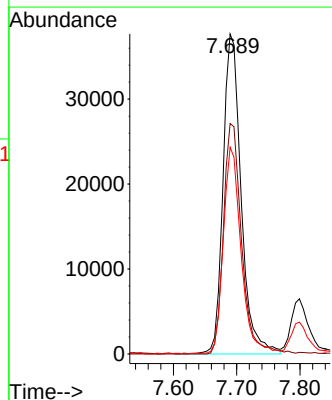
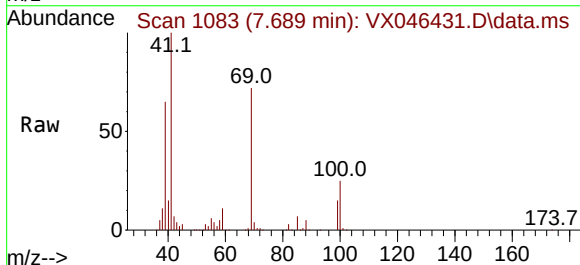
Manual Integrations
APPROVED

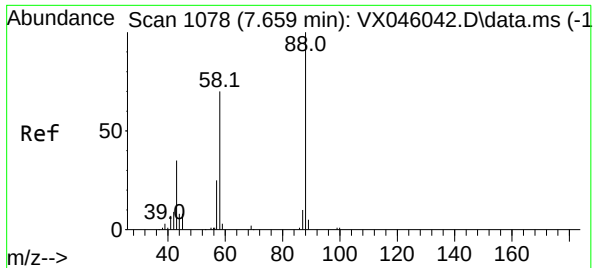
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#48
Methyl methacrylate
Concen: 60.212 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

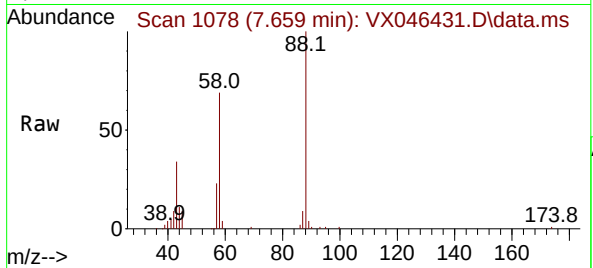
Tgt Ion: 41 Resp: 74586
Ion Ratio Lower Upper
41 100
69 72.2 58.5 87.7
39 63.8 51.7 77.5





#49
1,4-Dioxane
Concen: 1171.433 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

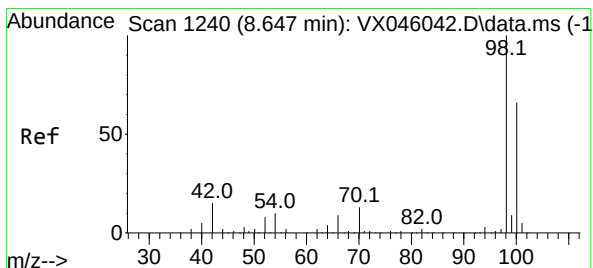
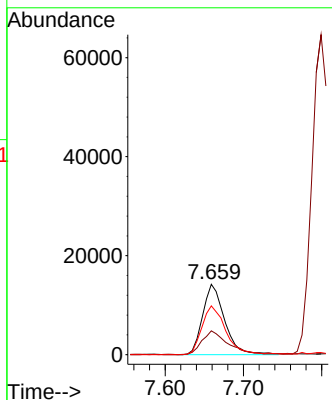
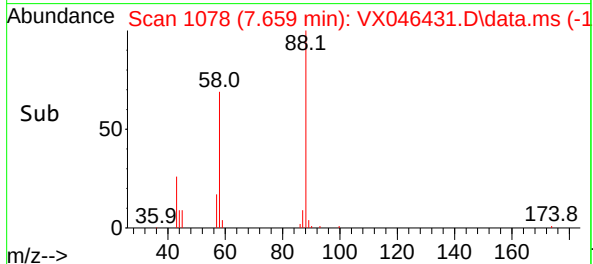
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 27552
Ion Ratio Lower Upper
88 100
43 41.3 33.4 50.2
58 74.6 58.6 88.0

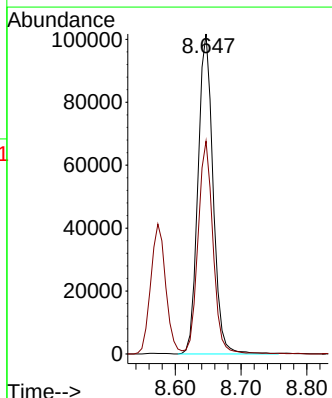
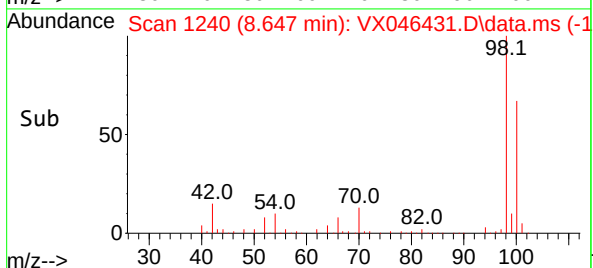
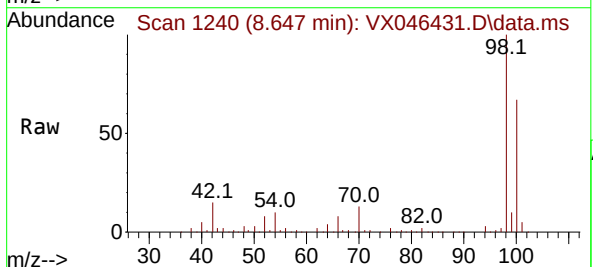
Manual Integrations
APPROVED

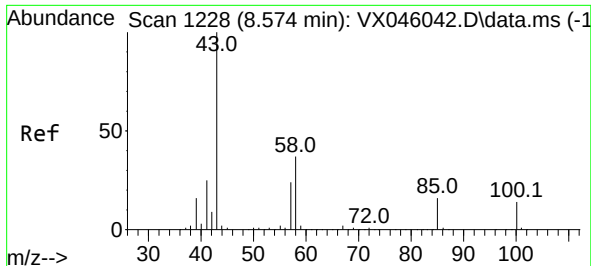
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#50
Toluene-d8
Concen: 48.928 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

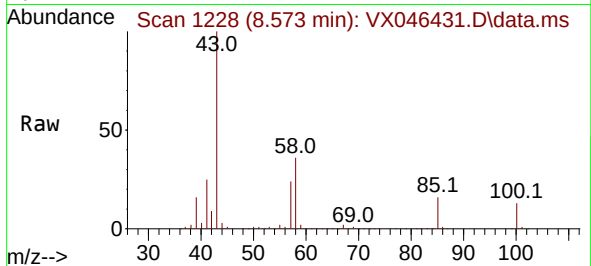
Tgt Ion: 98 Resp: 162192
Ion Ratio Lower Upper
98 100
100 65.9 53.5 80.3





#51
4-Methyl-2-Pentanone
Concen: 308.632 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

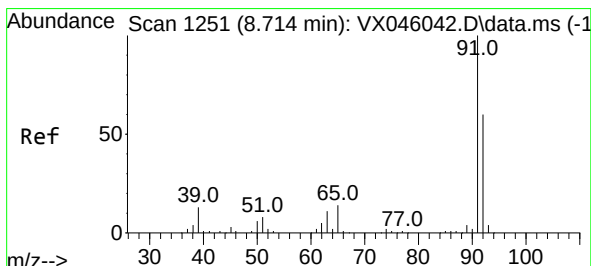
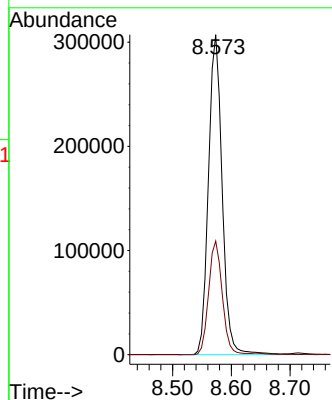
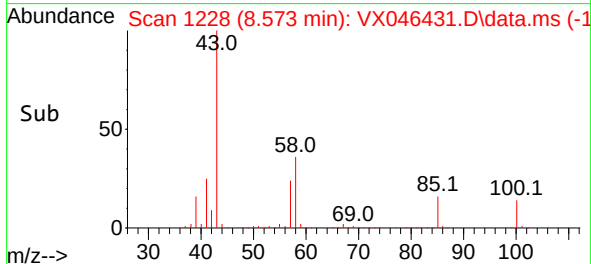
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 496899
Ion Ratio Lower Upper
43 100
58 35.3 28.9 43.3

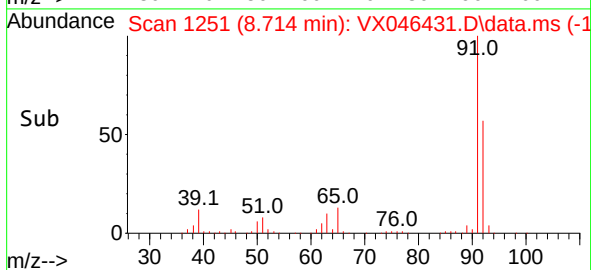
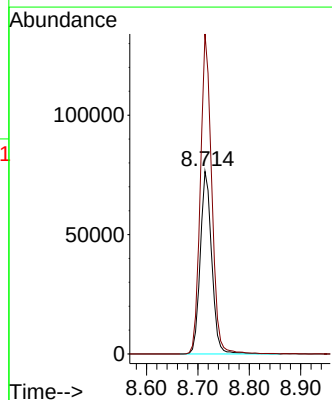
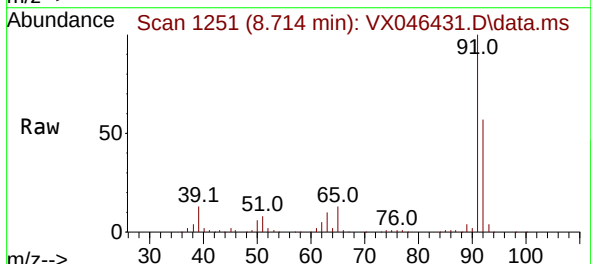
Manual Integrations
APPROVED

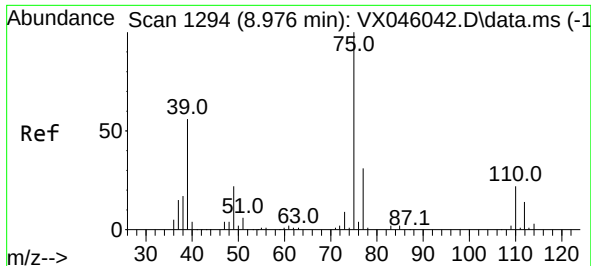
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#52
Toluene
Concen: 51.305 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 92 Resp: 118579
Ion Ratio Lower Upper
92 100
91 172.9 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 54.879 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046431.D

Acq: 30 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 7102

Ion Ratio Lower Upper

75 100

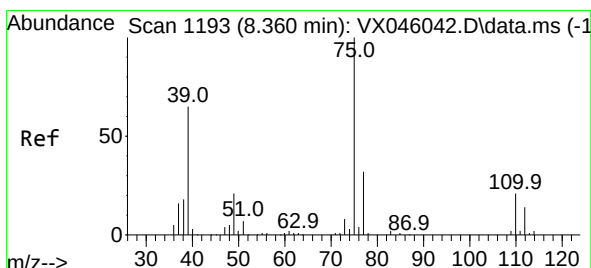
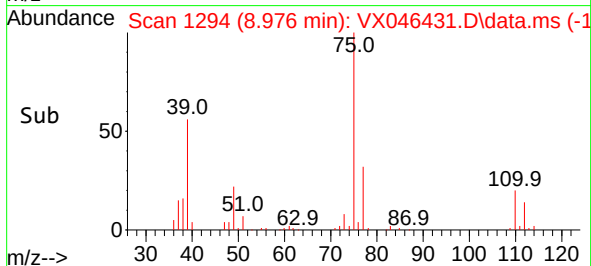
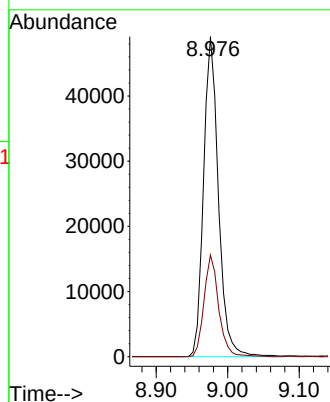
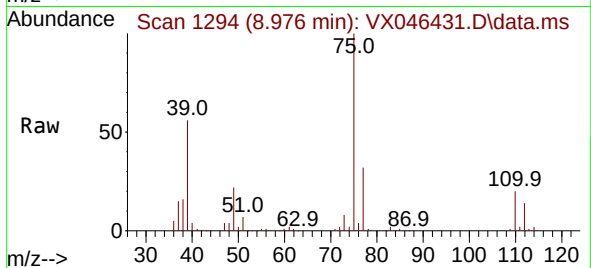
77 31.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#54

cis-1,3-Dichloropropene

Concen: 55.188 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.006 min

Lab File: VX046431.D

Acq: 30 May 2025 18:56

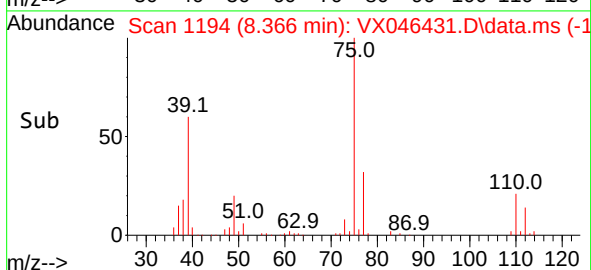
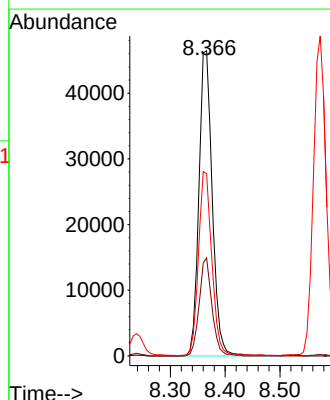
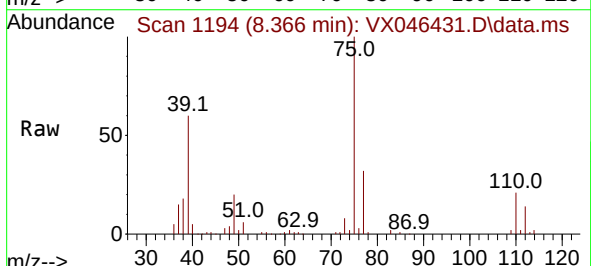
Tgt Ion: 75 Resp: 78938

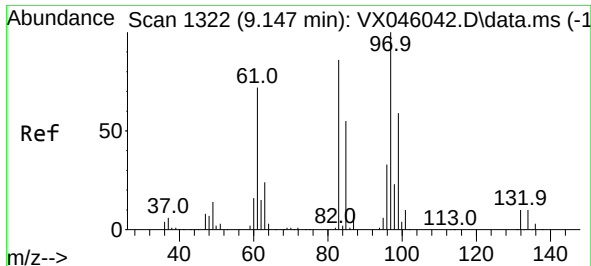
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

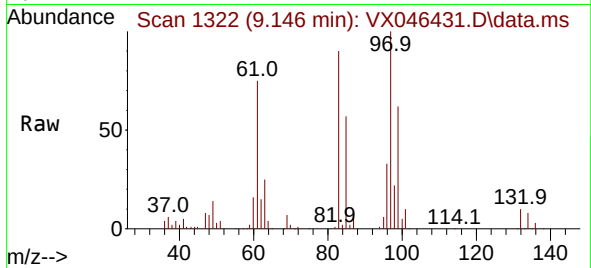
39 59.6 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 56.210 ug/l
RT: 9.146 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

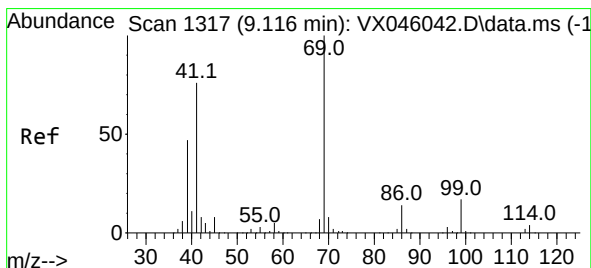
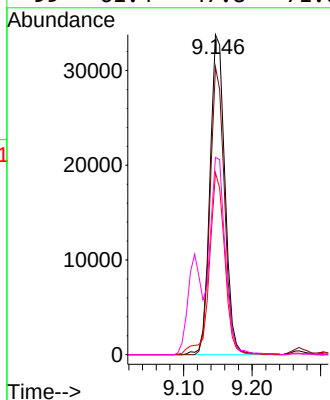
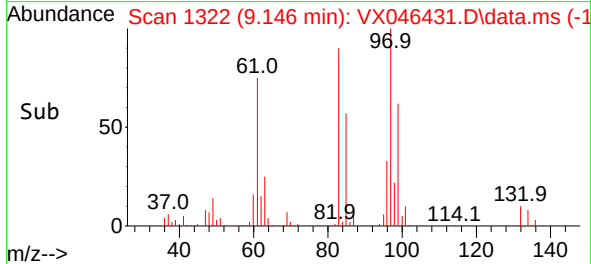
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.9	69.0	103.6
85	56.9	44.3	66.5
99	61.4	47.8	71.6

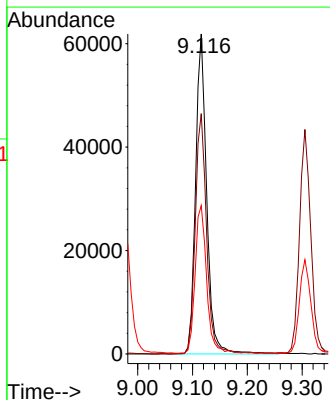
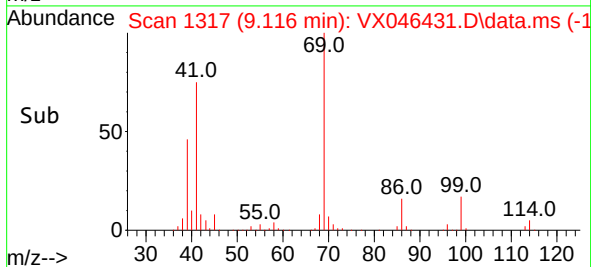
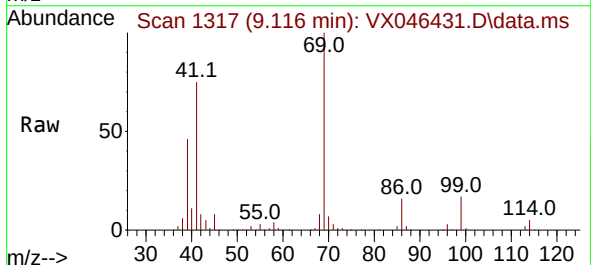
Manual Integrations
APPROVED

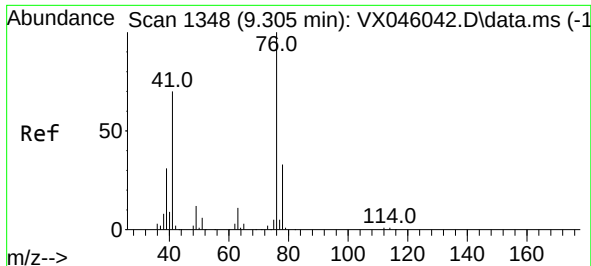
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#56
Ethyl methacrylate
Concen: 60.299 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.6	60.8	91.2
39	47.7	39.0	58.6





#57

1,3-Dichloropropane

Concen: 54.700 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046431.D

Acq: 30 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 8952

Ion Ratio Lower Upper

76 100

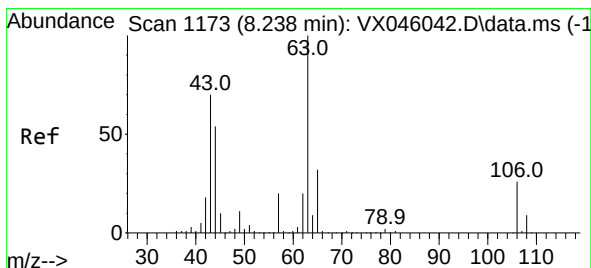
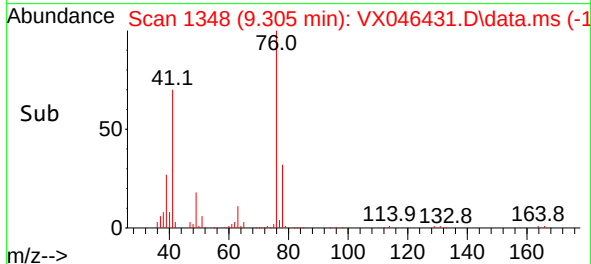
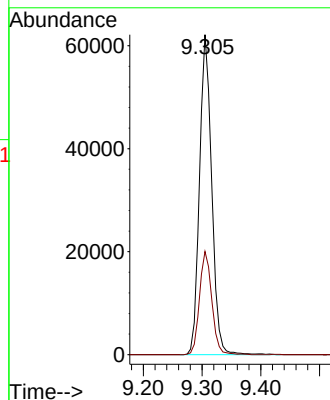
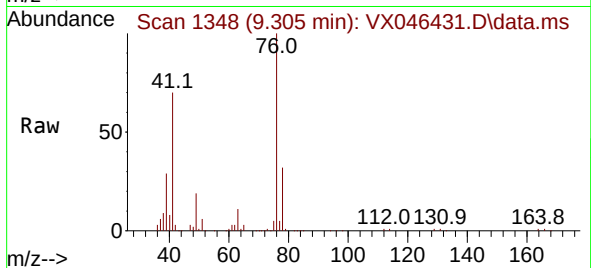
78 32.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#58

2-Chloroethyl Vinyl ether

Concen: 285.245 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX046431.D

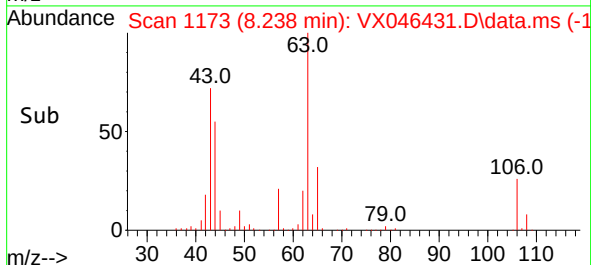
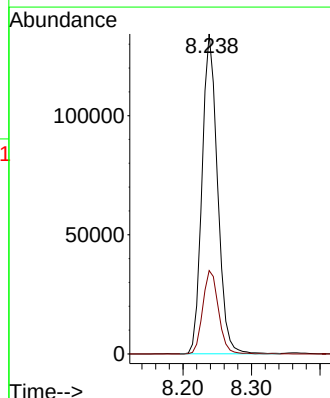
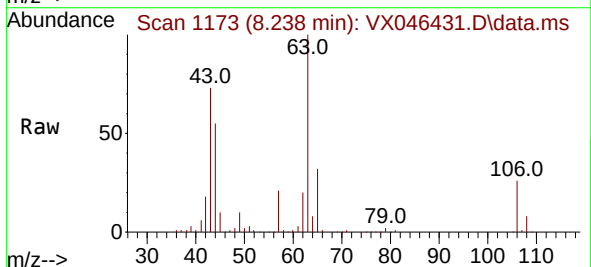
Acq: 30 May 2025 18:56

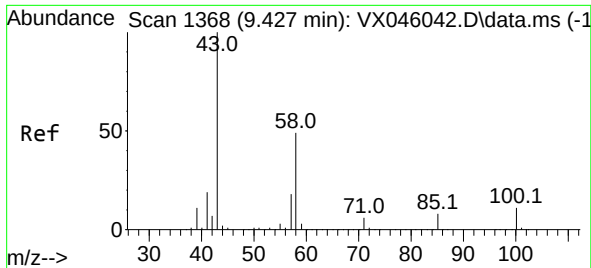
Tgt Ion: 63 Resp: 211224

Ion Ratio Lower Upper

63 100

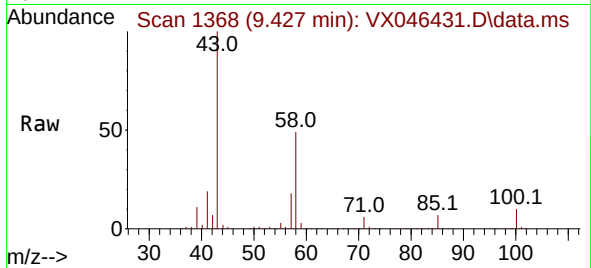
106 26.5 21.5 32.3





#59
2-Hexanone
Concen: 313.912 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

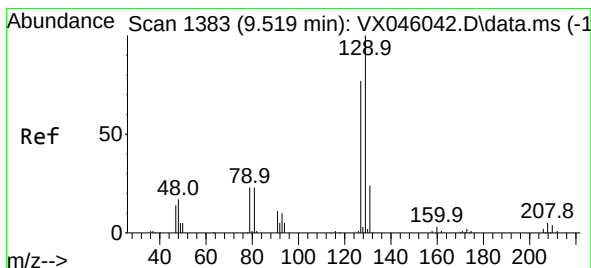
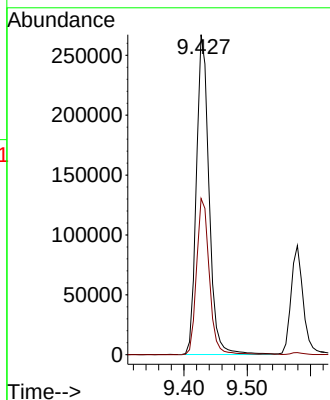
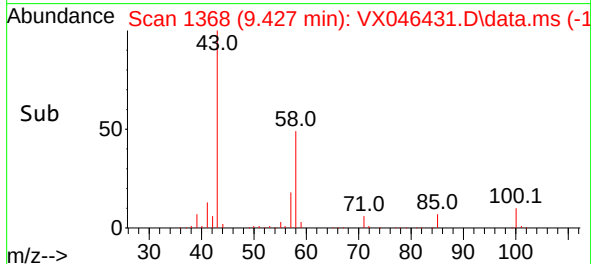
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 373912
Ion Ratio Lower Upper
43 100
58 49.0 24.9 74.6

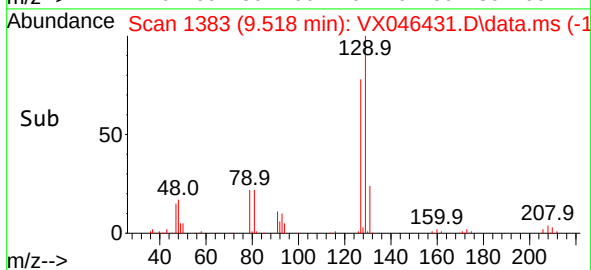
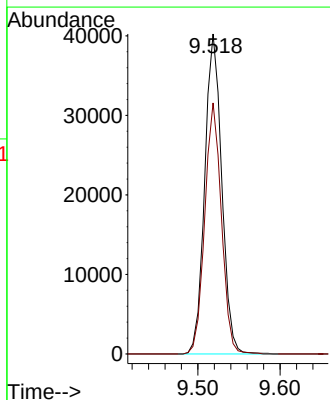
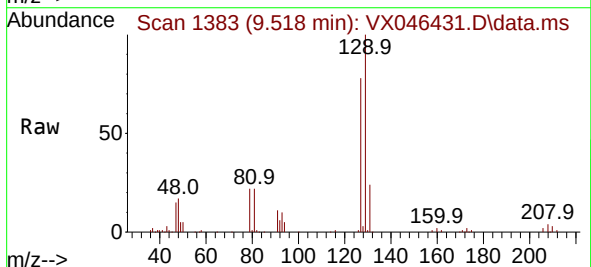
Manual Integrations
APPROVED

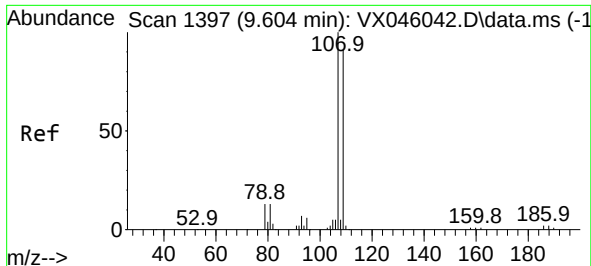
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#60
Dibromochloromethane
Concen: 57.658 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:129 Resp: 57708
Ion Ratio Lower Upper
129 100
127 76.9 39.3 117.8





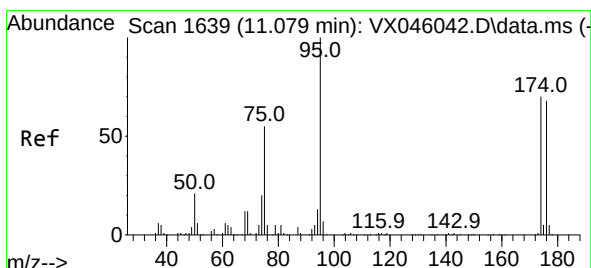
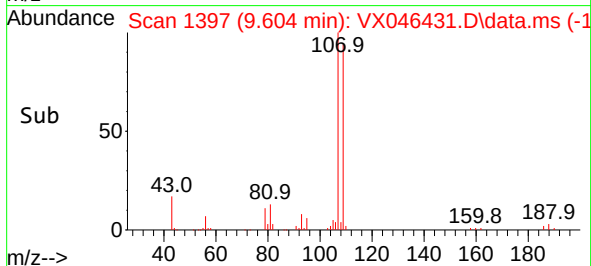
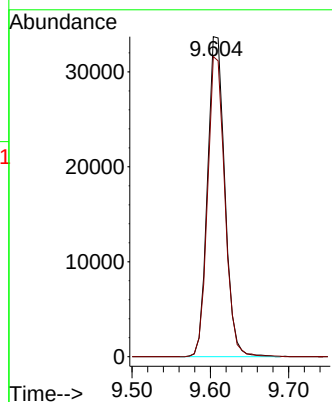
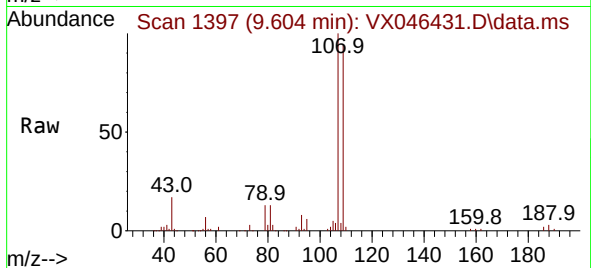
#61
1,2-Dibromoethane
Concen: 54.468 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 5159
Ion Ratio Lower Upper
107 100
109 93.6 73.3 109.9

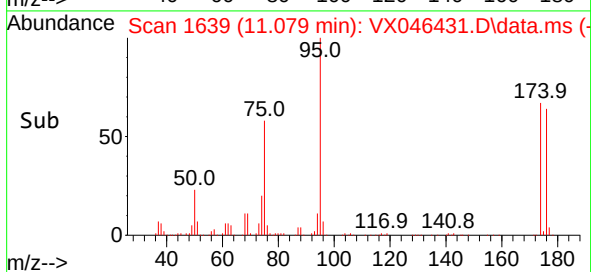
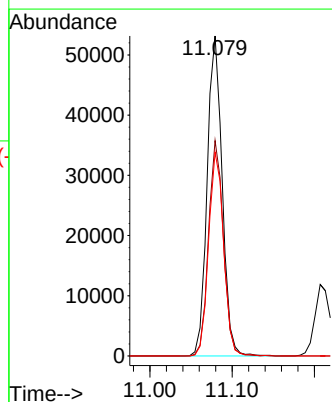
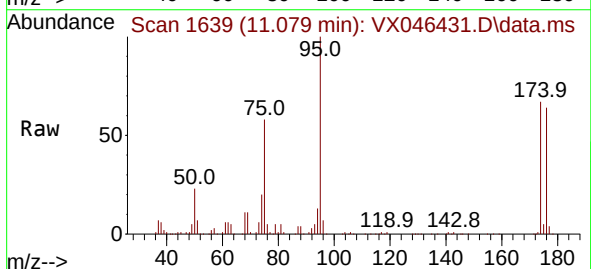
Manual Integrations
APPROVED

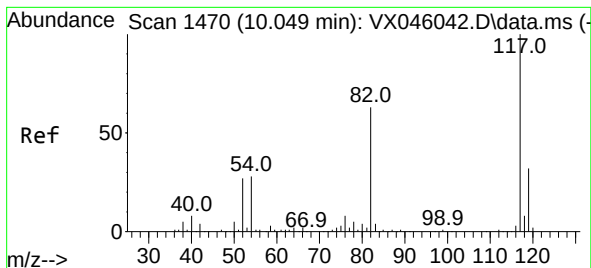
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#62
4-Bromofluorobenzene
Concen: 52.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

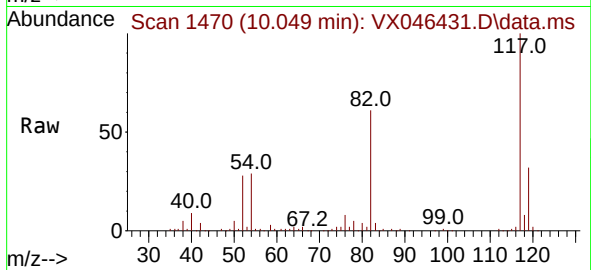
Tgt Ion: 95 Resp: 67347
Ion Ratio Lower Upper
95 100
174 66.4 0.0 135.8
176 63.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

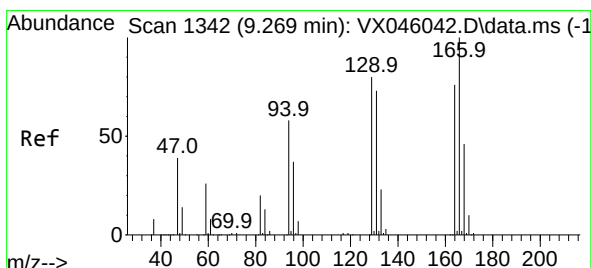
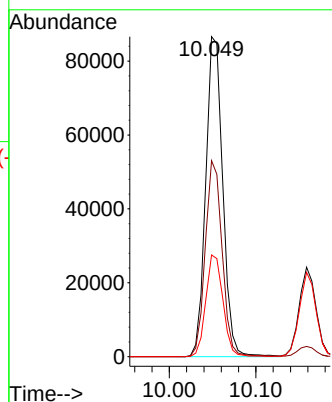
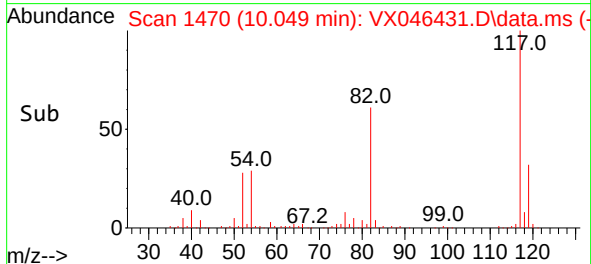
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 11850
Ion Ratio Lower Upper
117 100
82 61.2 50.6 76.0
119 31.8 25.8 38.6

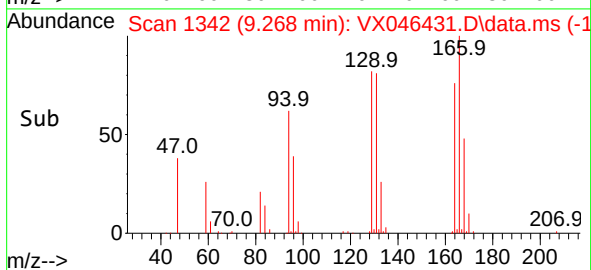
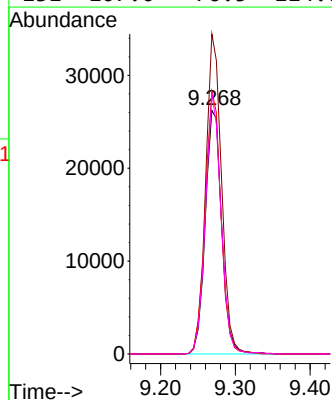
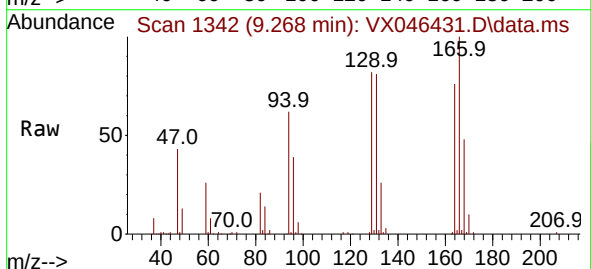
Manual Integrations
APPROVED

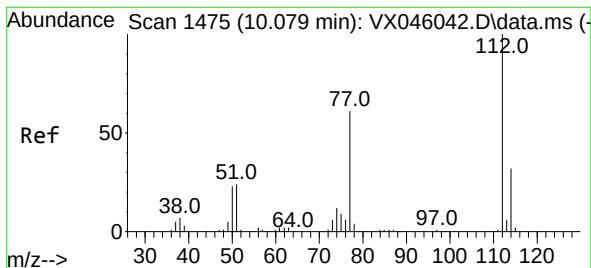
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#64
Tetrachloroethene
Concen: 47.434 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

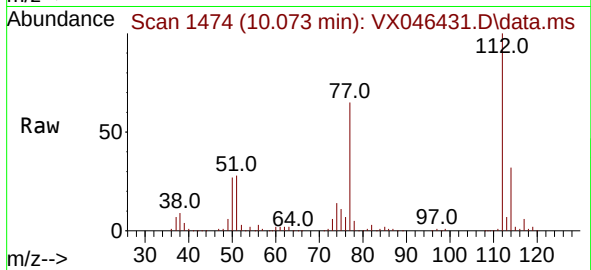
Tgt Ion:164 Resp: 39773
Ion Ratio Lower Upper
164 100
166 131.4 105.0 157.6
129 107.9 83.5 125.3
131 107.0 76.5 114.7





#65
Chlorobenzene
Concen: 50.556 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

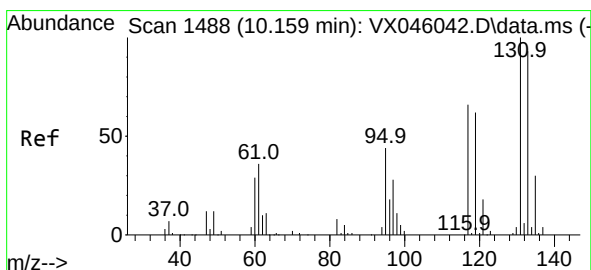
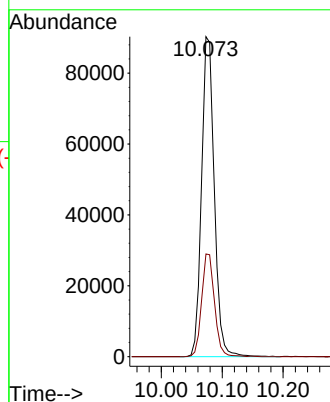
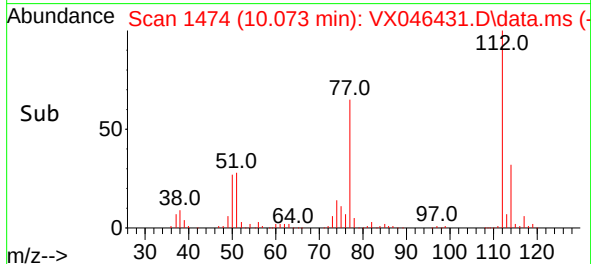
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 131134
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

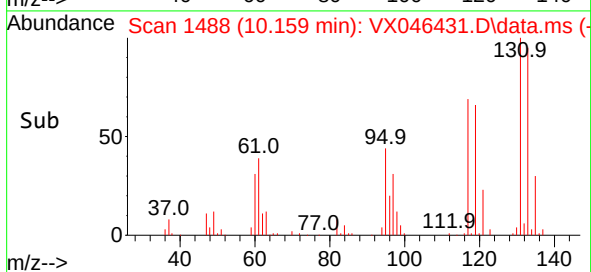
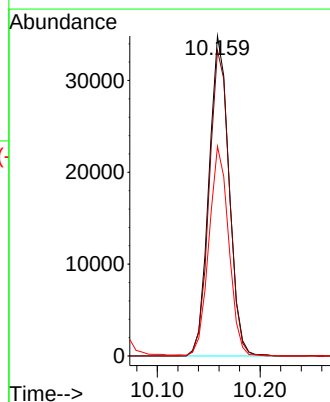
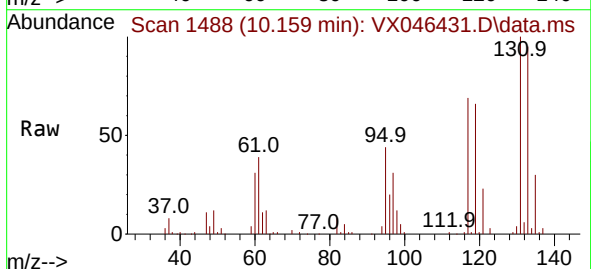
Manual Integrations
APPROVED

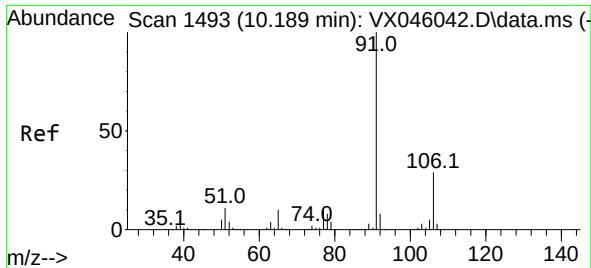
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.352 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

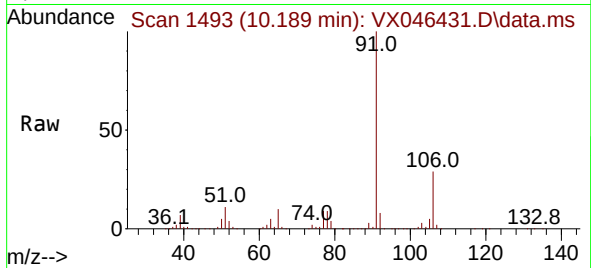
Tgt Ion:131 Resp: 47254
Ion Ratio Lower Upper
131 100
133 95.9 47.3 141.9
119 64.7 31.6 95.0





#67
Ethyl Benzene
Concen: 52.804 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

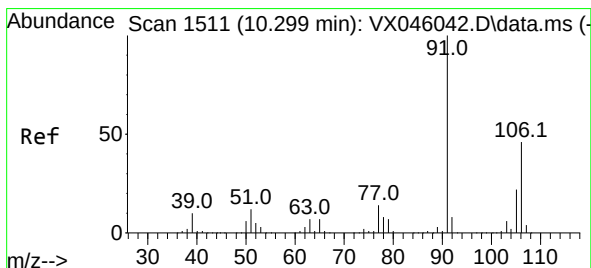
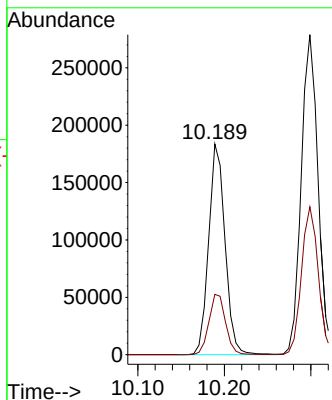
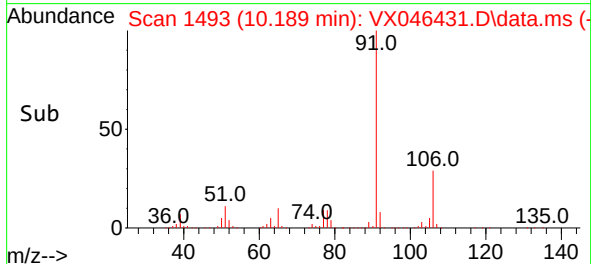
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



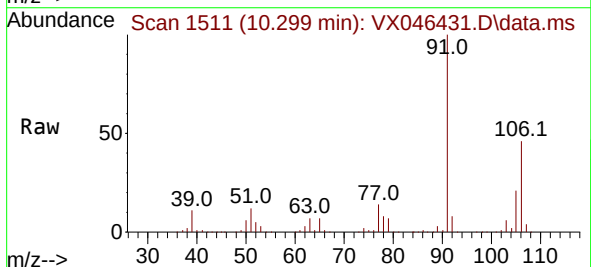
Tgt Ion: 91 Resp: 241431
Ion Ratio Lower Upper
91 100
106 28.6 23.4 35.2

Manual Integrations
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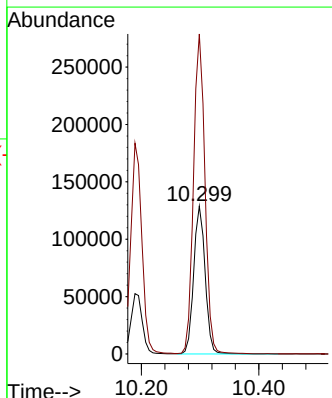
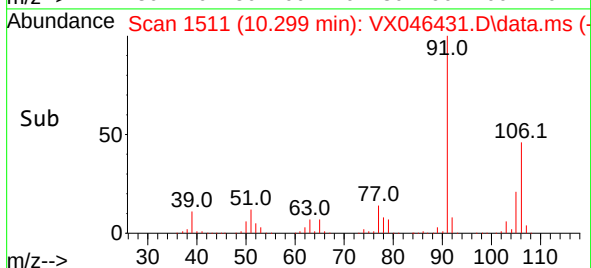
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

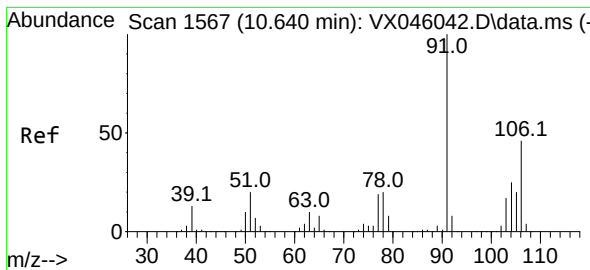


#68
m/p-Xylenes
Concen: 104.632 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56



Tgt Ion:106 Resp: 174971
Ion Ratio Lower Upper
106 100
91 215.2 171.2 256.8





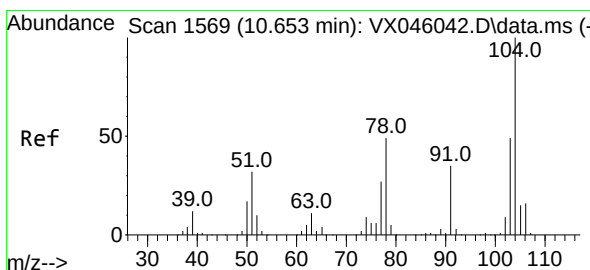
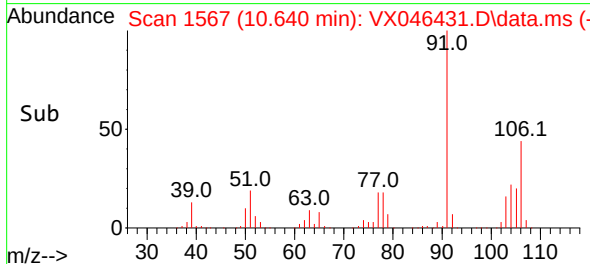
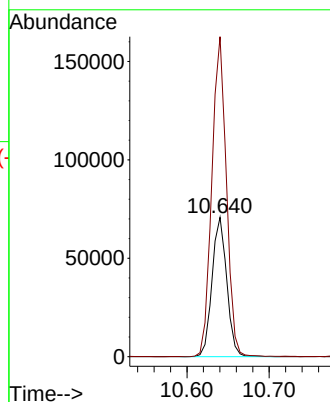
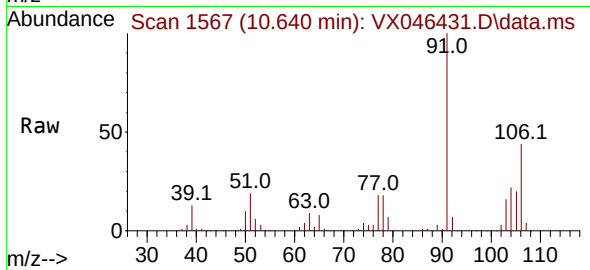
#69
o-Xylene
Concen: 53.954 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 8796
Ion Ratio Lower Upper
106 100
91 227.6 112.7 338.1

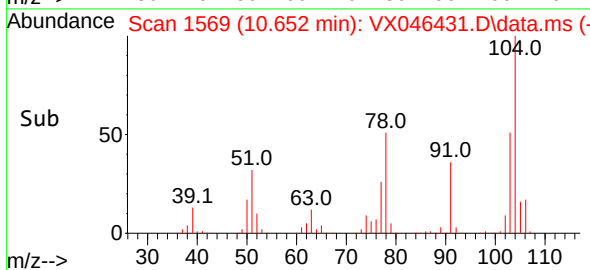
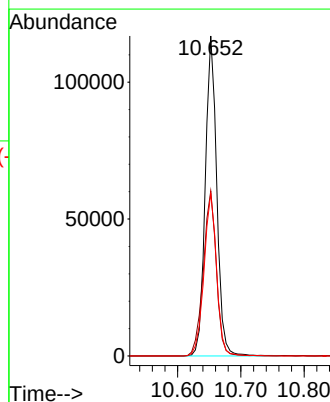
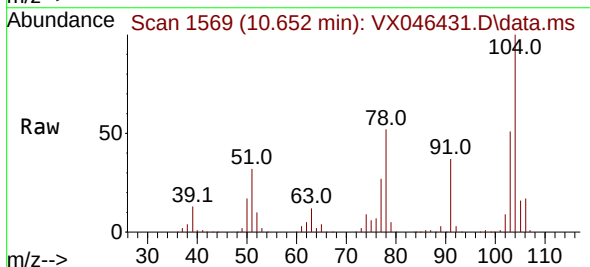
Manual Integrations
APPROVED

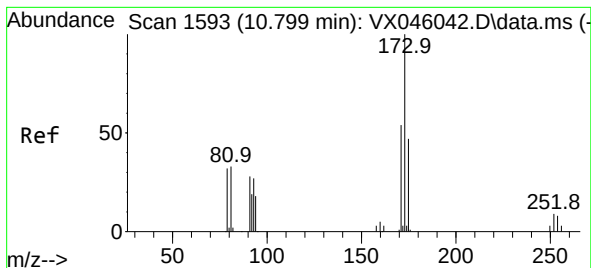
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#70
Styrene
Concen: 55.559 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion:104 Resp: 148376
Ion Ratio Lower Upper
104 100
78 58.3 45.7 68.5
103 55.6 43.7 65.5





#71

Bromoform

Concen: 54.949 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046431.D

Acq: 30 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

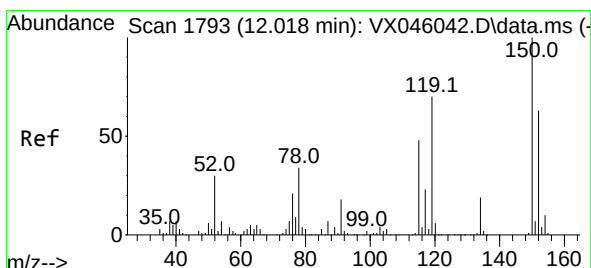
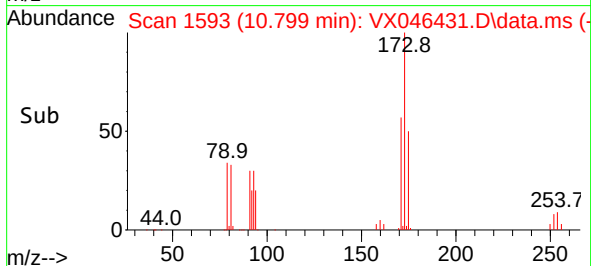
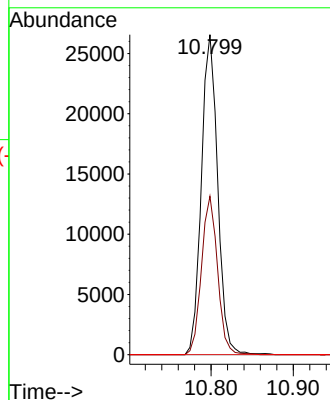
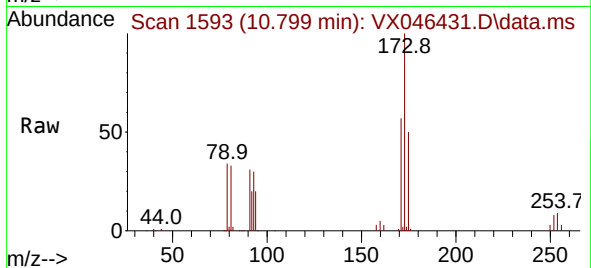
Tgt Ion:173	Resp:	36540
Ion Ratio	Lower	Upper
173	100	
175	48.8	23.4 70.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

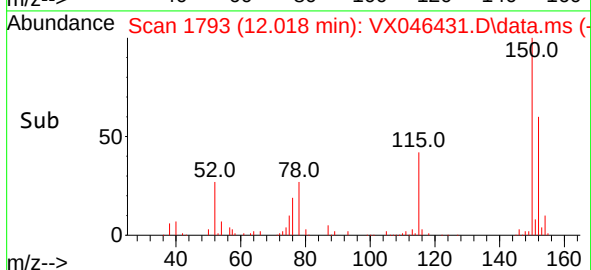
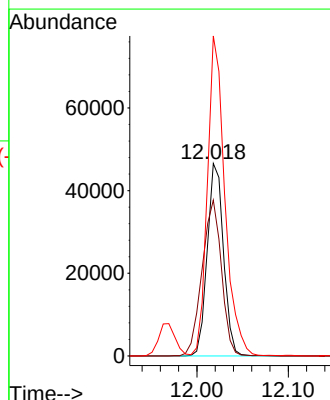
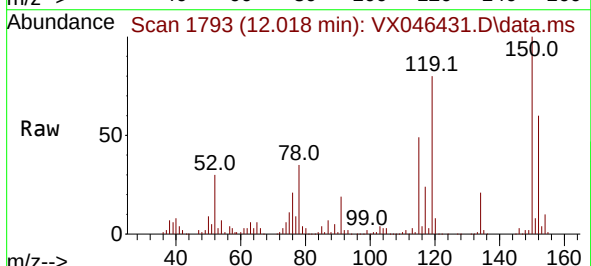
RT: 12.018 min Scan# 1793

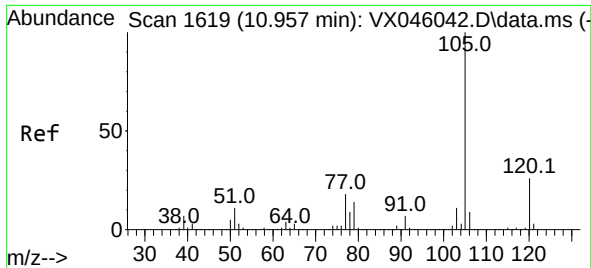
Delta R.T. -0.000 min

Lab File: VX046431.D

Acq: 30 May 2025 18:56

Tgt Ion:152	Resp:	57331
Ion Ratio	Lower	Upper
152	100	
115	96.8	46.9 140.7
150	178.1	0.0 351.0





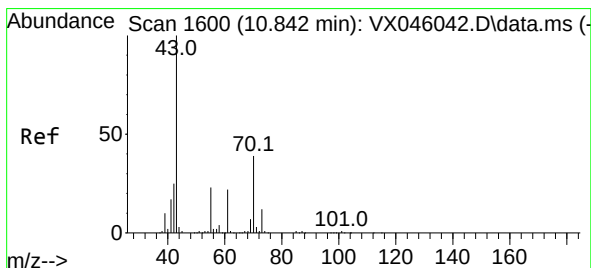
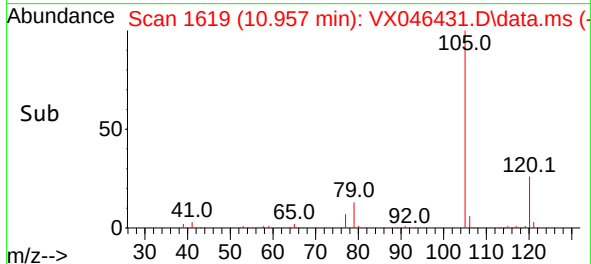
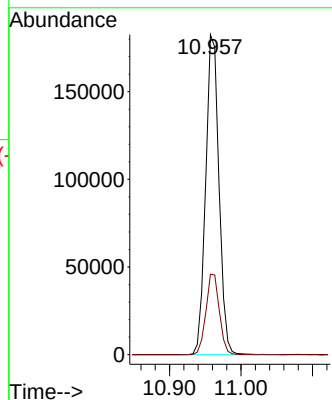
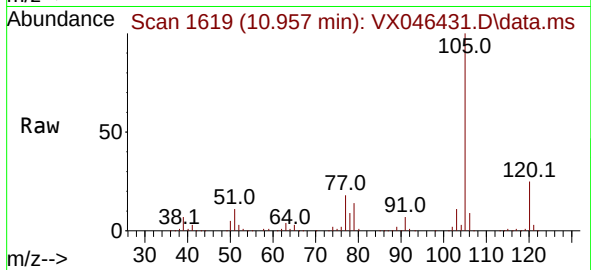
#73
Isopropylbenzene
Concen: 52.887 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 105 Resp: 23605
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

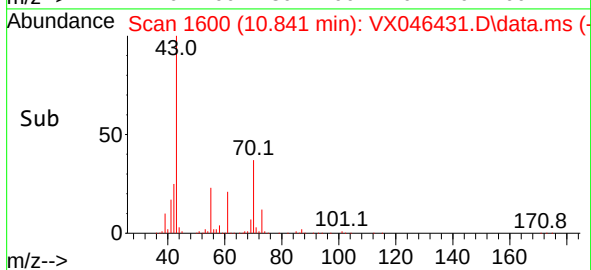
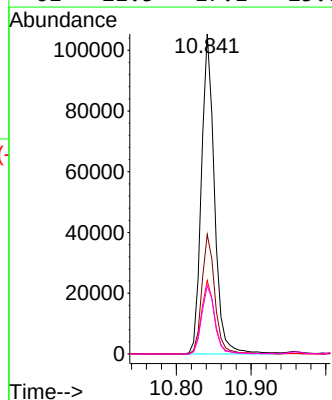
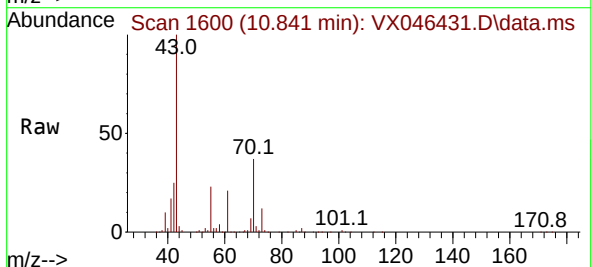
Manual Integrations
APPROVED

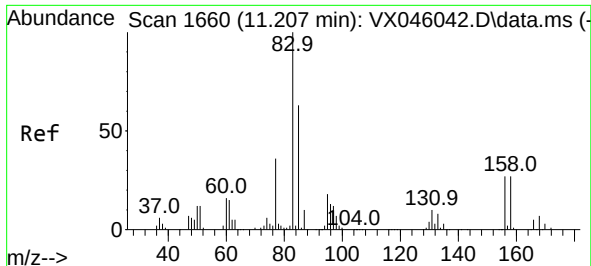
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#74
N-ethyl acetate
Concen: 57.922 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Tgt Ion: 43 Resp: 127751
Ion Ratio Lower Upper
43 100
70 37.4 30.9 46.3
55 23.1 18.7 28.1
61 21.5 17.1 25.7





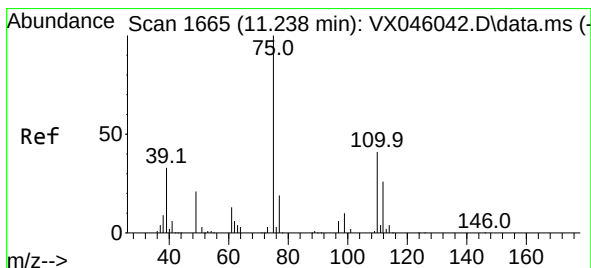
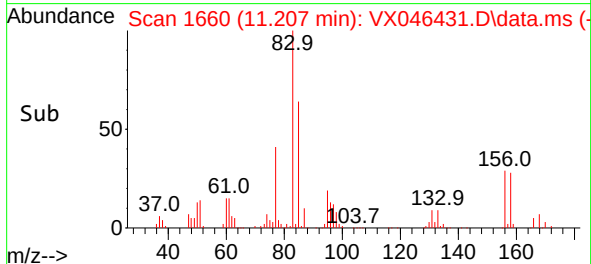
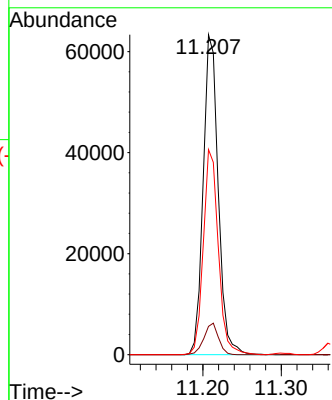
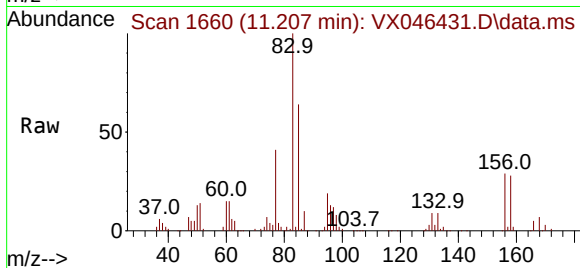
#75
1,1,2,2-Tetrachloroethane
Concen: 53.806 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 84159
Ion Ratio Lower Upper
83 100
131 9.6 5.0 14.9
85 64.1 31.9 95.7

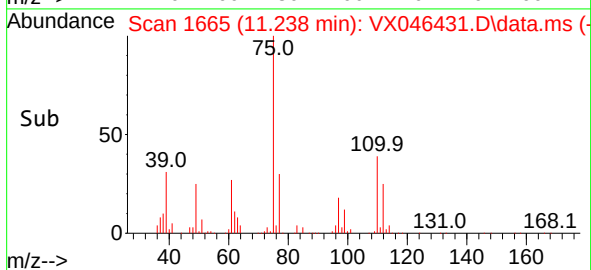
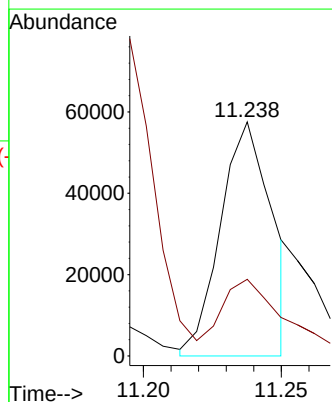
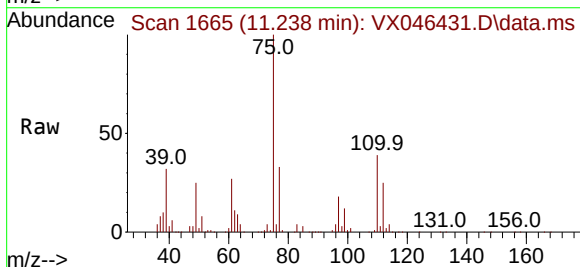
Manual Integrations
APPROVED

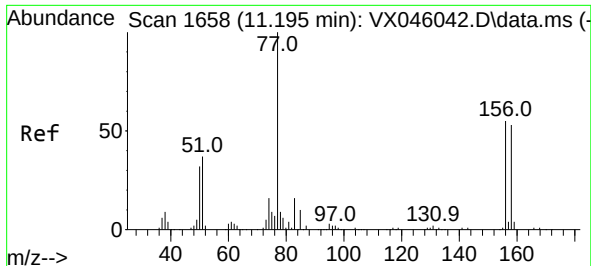
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#76
1,2,3-Trichloropropane
Concen: 53.862 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

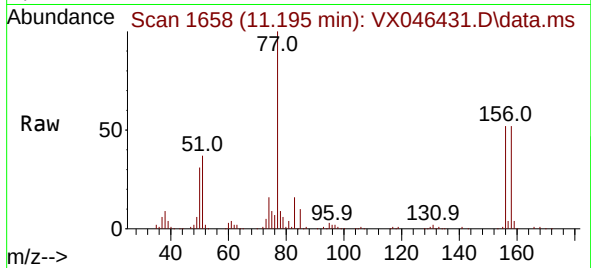
Tgt Ion: 75 Resp: 74329
Ion Ratio Lower Upper
75 100
77 41.3 20.5 61.5





#77
Bromobenzene
Concen: 52.111 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

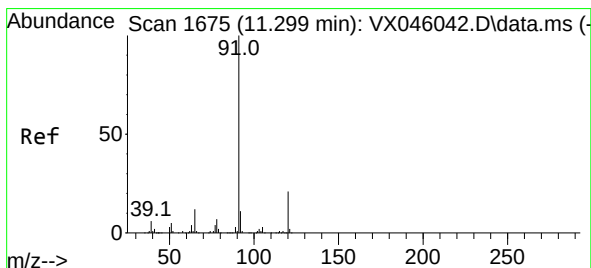
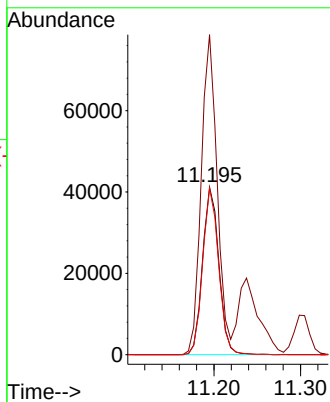
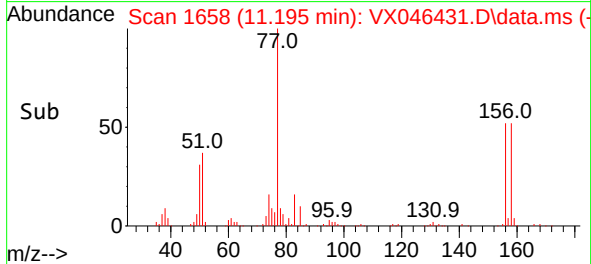
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



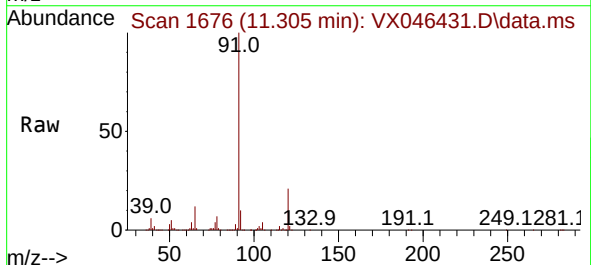
Tgt Ion:156 Resp: 53998
Ion Ratio Lower Upper
156 100
77 185.8 92.8 278.3
158 97.0 48.8 146.3

Manual Integrations
APPROVED

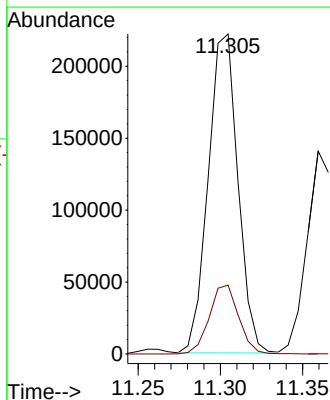
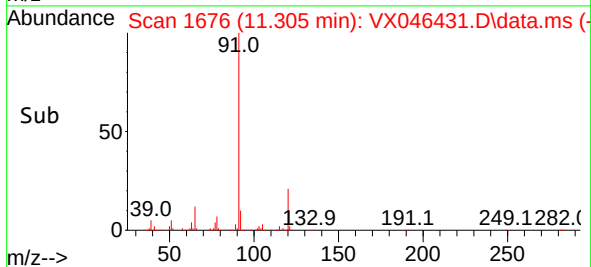
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

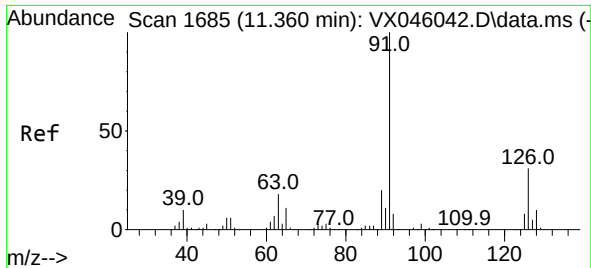


#78
n-propylbenzene
Concen: 53.665 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56



Tgt Ion: 91 Resp: 278510
Ion Ratio Lower Upper
91 100
120 21.3 10.8 32.4





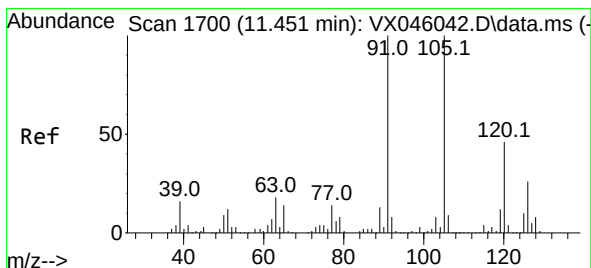
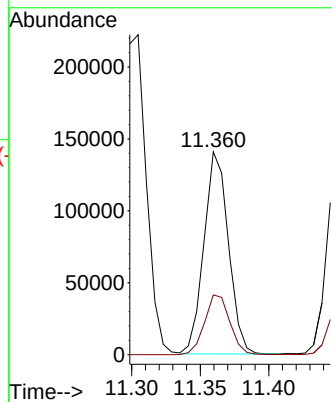
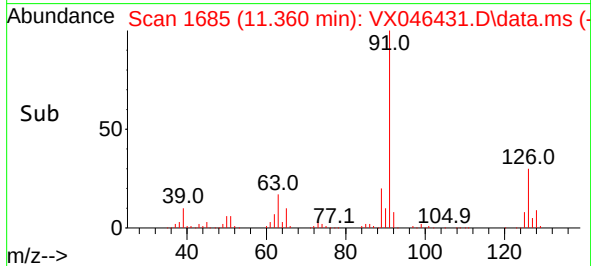
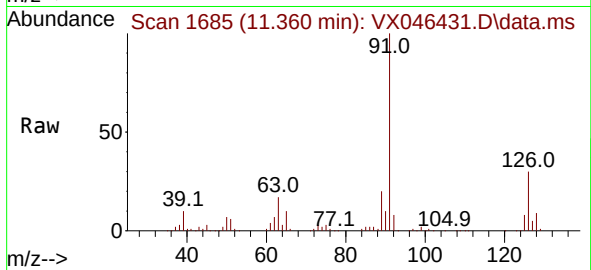
#79
2-Chlorotoluene
Concen: 52.184 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 174683
Ion Ratio Lower Upper
91 100
126 30.5 15.6 46.7

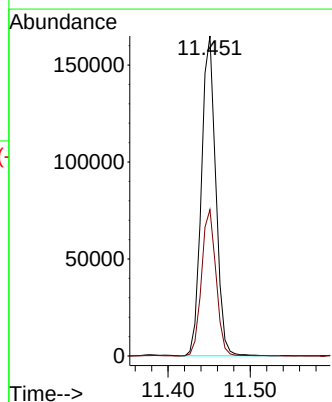
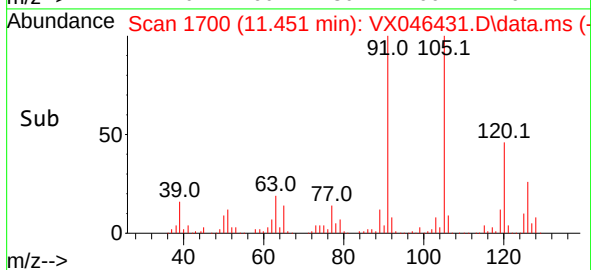
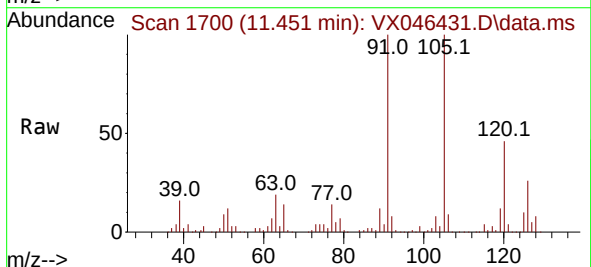
Manual Integrations
APPROVED

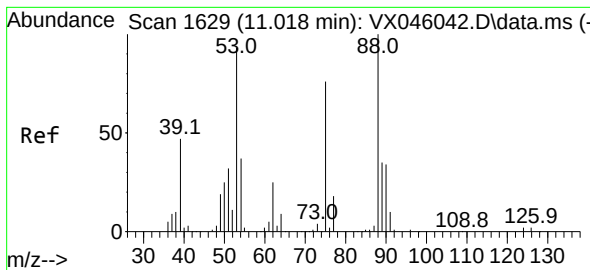
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.719 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

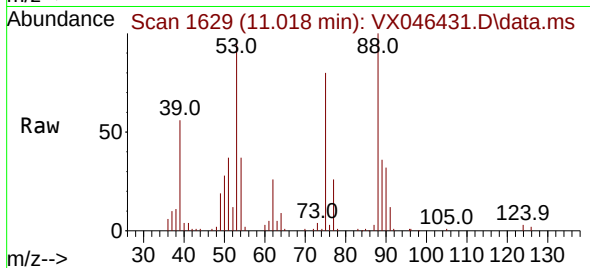
Tgt Ion:105 Resp: 200309
Ion Ratio Lower Upper
105 100
120 46.3 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 54.930 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

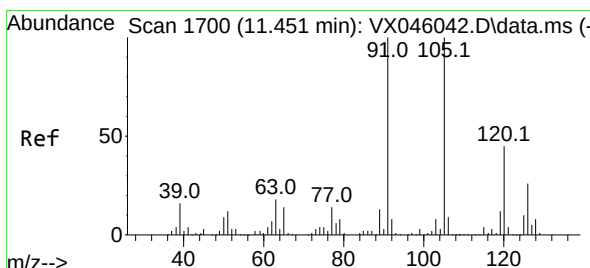
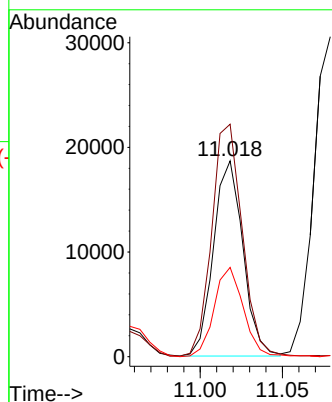
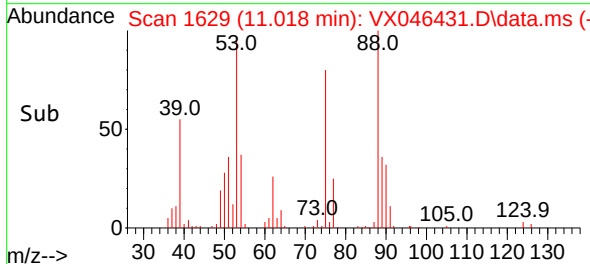
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



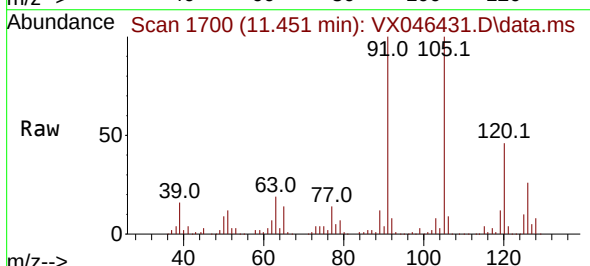
Tgt Ion: 75 Resp: 2328
Ion Ratio Lower Upper
75 100
53 122.6 100.5 150.7
89 45.6 37.0 55.6

Manual Integrations
APPROVED

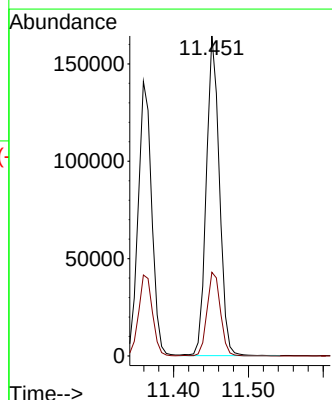
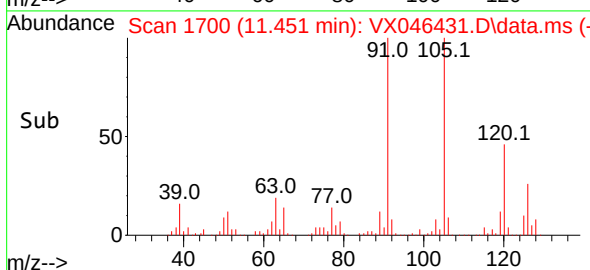
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

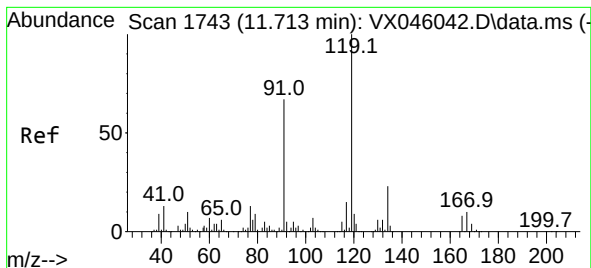


#82
4-Chlorotoluene
Concen: 53.734 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56



Tgt Ion: 91 Resp: 199469
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.8





#83

tert-Butylbenzene

Concen: 53.969 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX046431.D

Acq: 30 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 202709

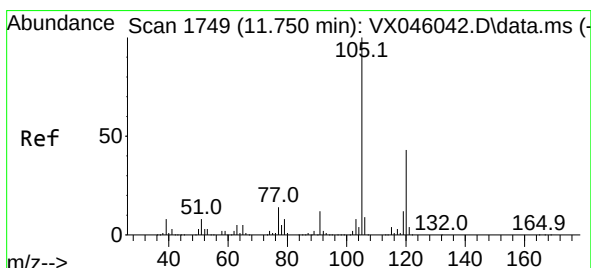
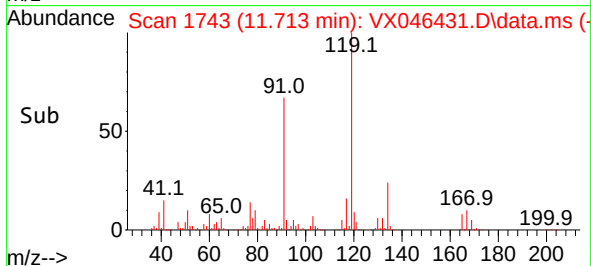
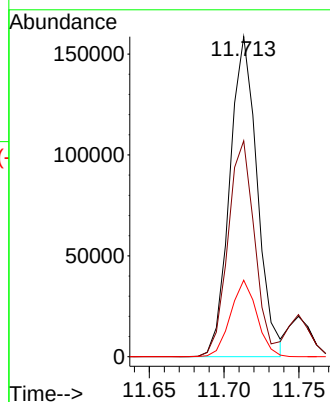
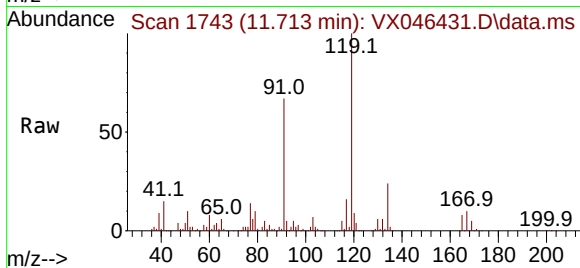
Ion	Ratio	Lower	Upper
119	100		
91	66.2	32.9	98.7
134	22.9	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/02/2025

Supervised By :Mahesh Dadoda 06/02/2025



#84

1,2,4-Trimethylbenzene

Concen: 54.326 ug/l

RT: 11.750 min Scan# 1749

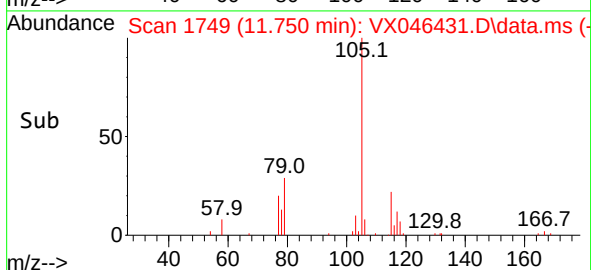
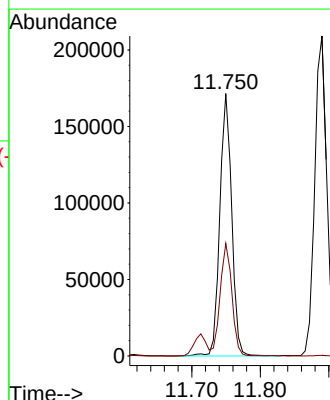
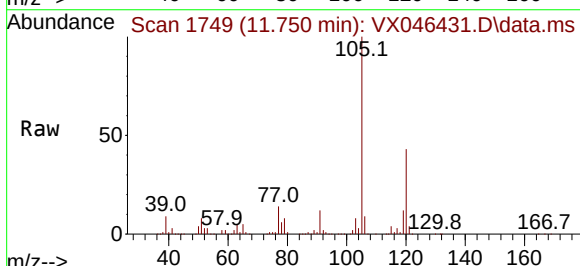
Delta R.T. -0.000 min

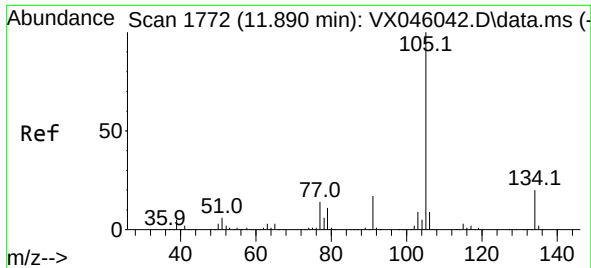
Lab File: VX046431.D

Acq: 30 May 2025 18:56

Tgt Ion:105 Resp: 205143

Ion	Ratio	Lower	Upper
105	100		
120	42.3	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 55.208 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046431.D
 Acq: 30 May 2025 18:56

Instrument :

MSVOA_X

ClientSampleId :

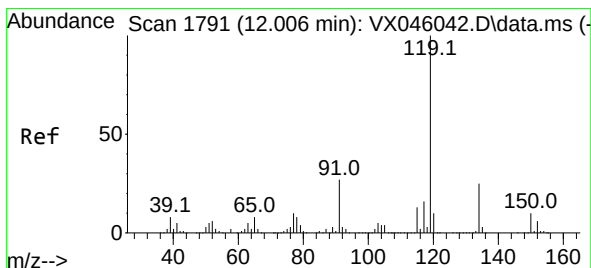
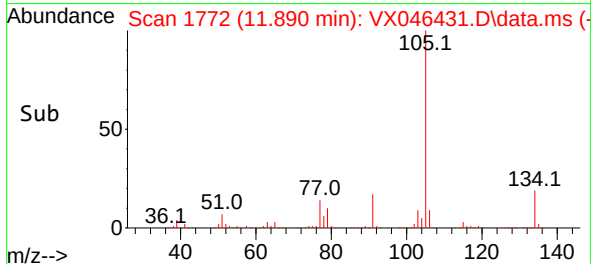
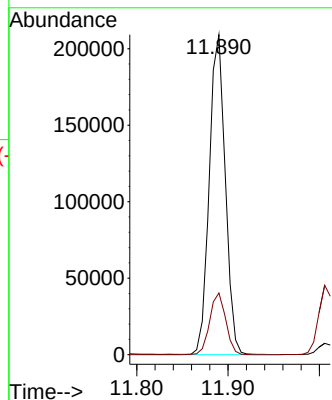
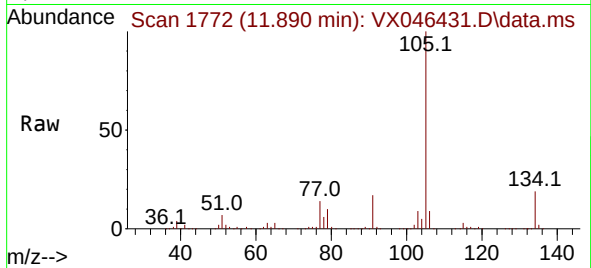
VSTDCCC050EC

Tgt Ion:105 Resp: 254604
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1

Manual Integrations

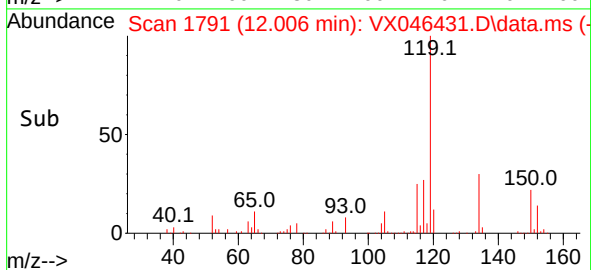
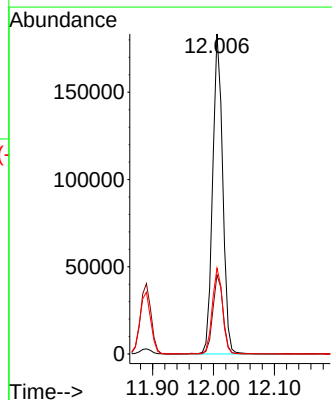
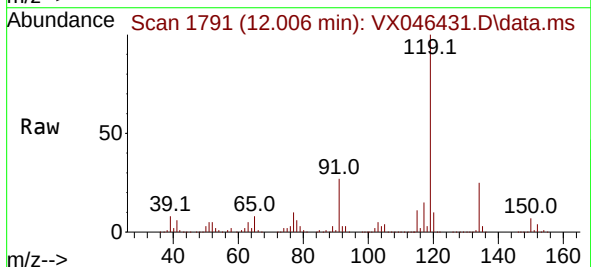
APPROVED

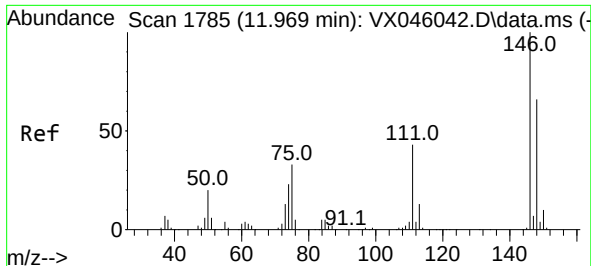
Reviewed By :John Carlone 06/02/2025
 Supervised By :Mahesh Dadoda 06/02/2025



#86
 p-Isopropyltoluene
 Concen: 54.929 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046431.D
 Acq: 30 May 2025 18:56

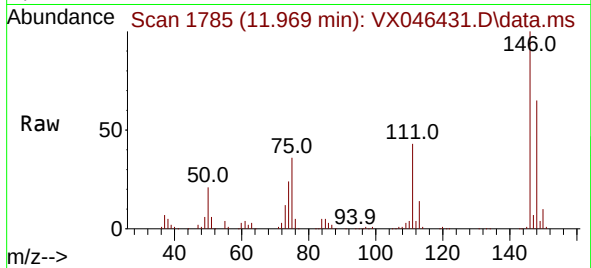
Tgt Ion:119 Resp: 209095
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 27.2 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 52.954 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

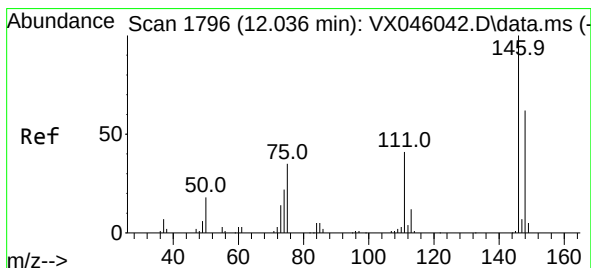
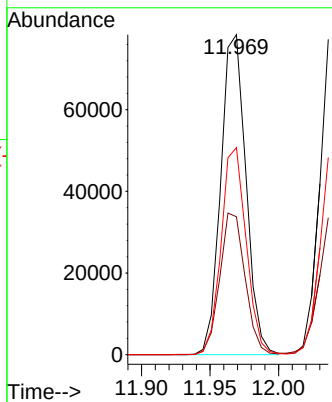
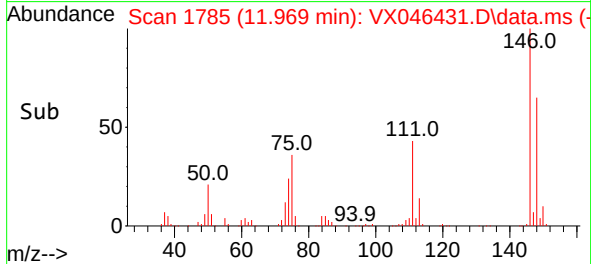
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



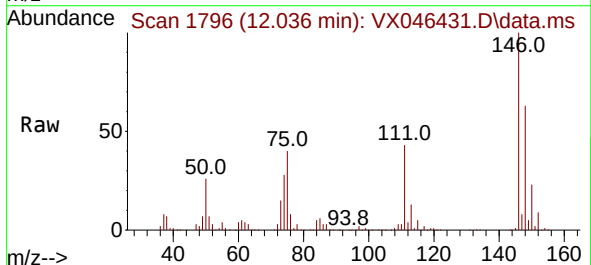
Tgt Ion:146 Resp: 100149
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.3
148 64.4 32.1 96.5

Manual Integrations
APPROVED

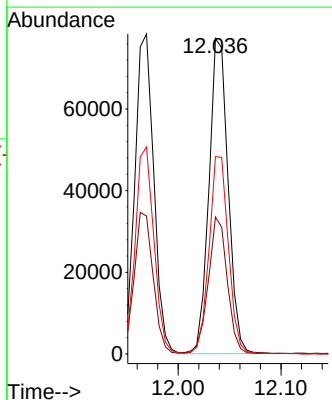
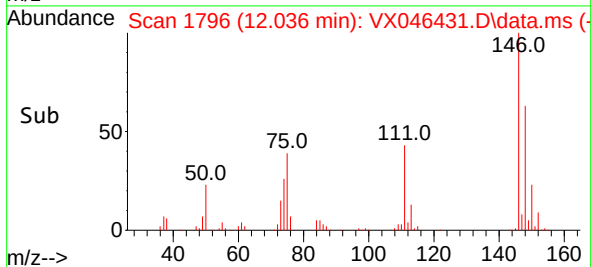
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

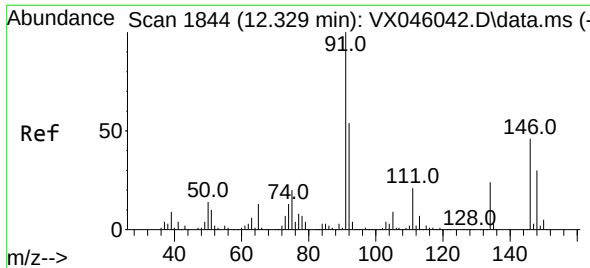


#88
1,4-Dichlorobenzene
Concen: 51.826 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56



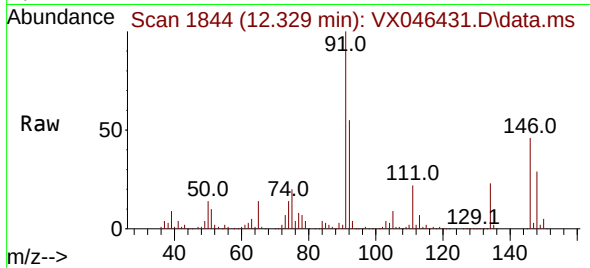
Tgt Ion:146 Resp: 100095
Ion Ratio Lower Upper
146 100
111 43.0 21.3 63.9
148 63.8 31.9 95.5





#89
n-Butylbenzene
Concen: 55.448 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

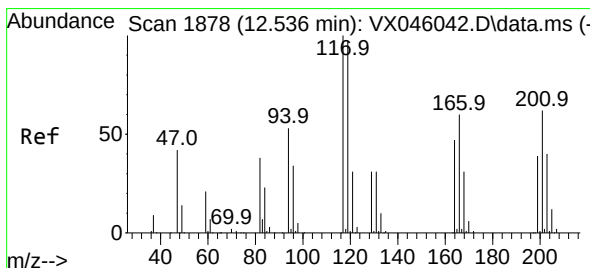
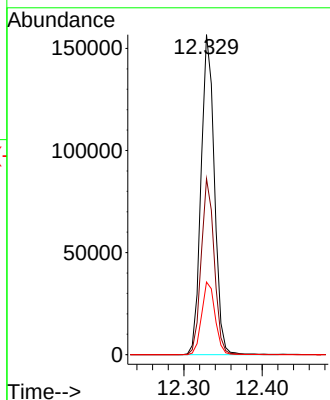
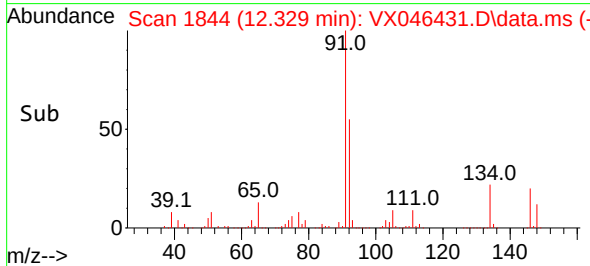
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 18514
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 22.9 11.8 35.3

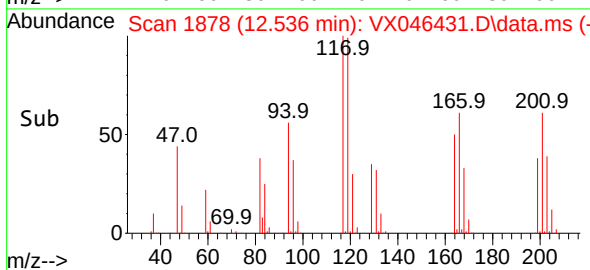
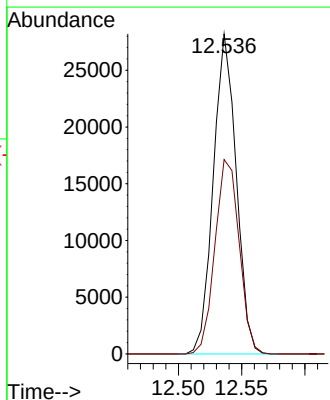
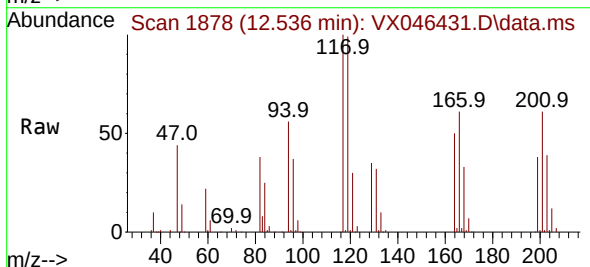
Manual Integrations
APPROVED

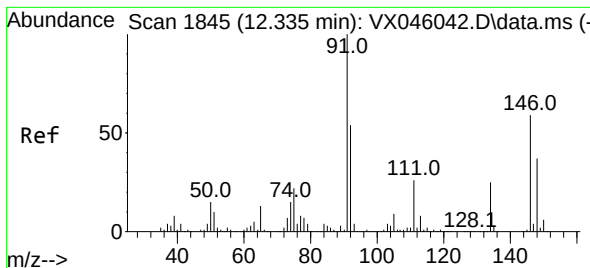
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#90
Hexachloroethane
Concen: 52.871 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

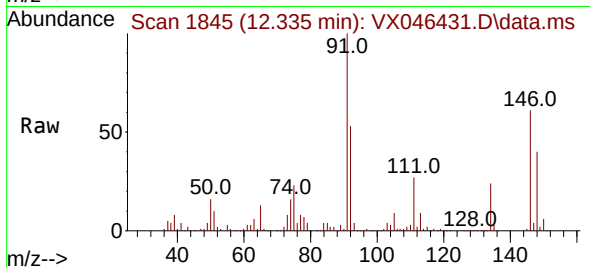
Tgt Ion:117 Resp: 35458
Ion Ratio Lower Upper
117 100
201 64.4 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 53.903 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

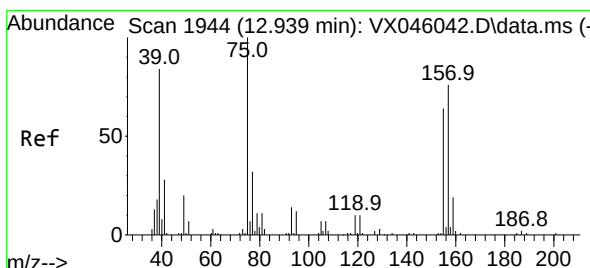
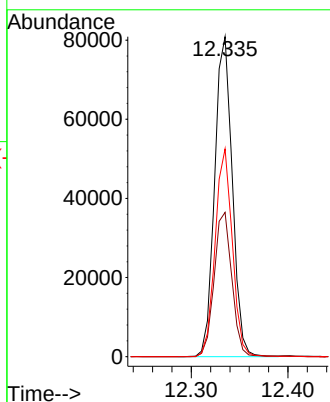
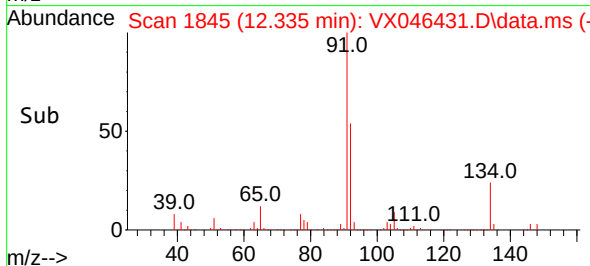
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



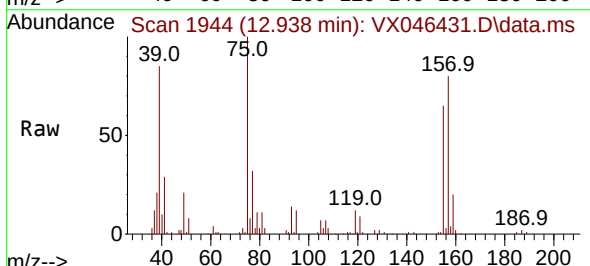
Tgt Ion:146 Resp: 10229
Ion Ratio Lower Upper
146 100
111 45.5 22.4 67.3
148 63.4 31.6 94.8

Manual Integrations
APPROVED

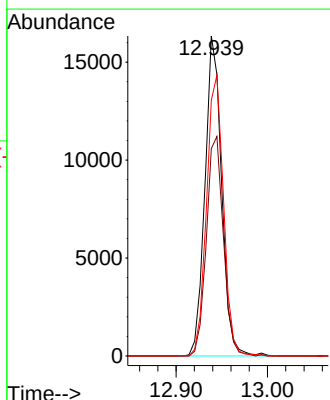
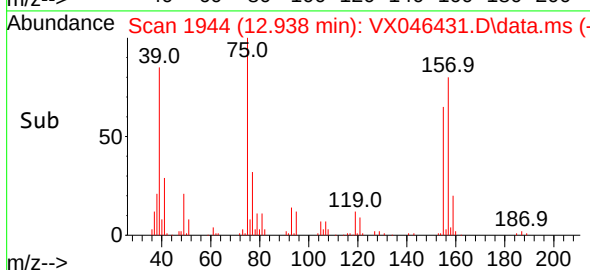
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

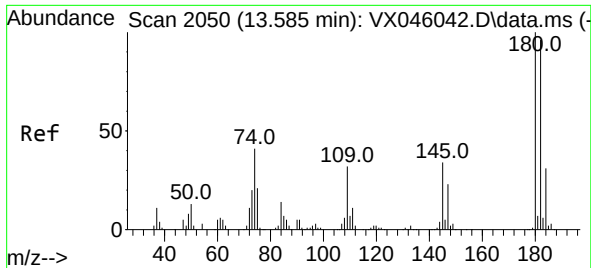


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.563 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56



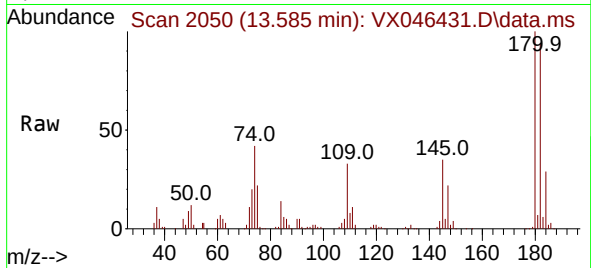
Tgt Ion: 75 Resp: 20639
Ion Ratio Lower Upper
75 100
155 69.9 34.9 104.8
157 89.0 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 54.013 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

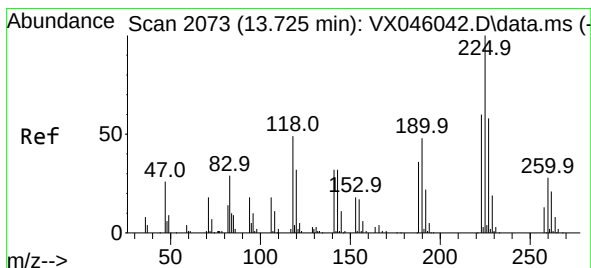
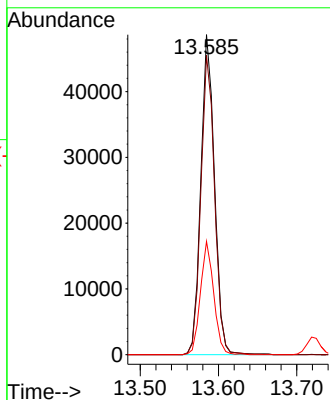
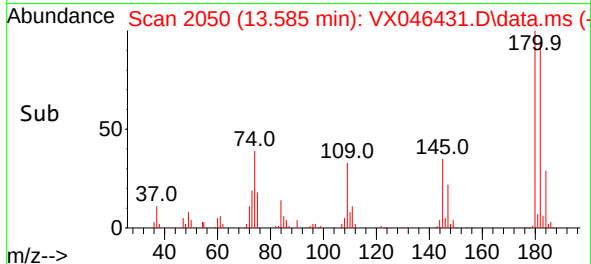
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



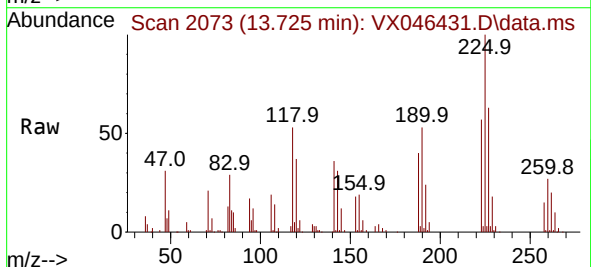
Tgt Ion:180 Resp: 58874
Ion Ratio Lower Upper
180 100
182 94.1 47.9 143.8
145 34.5 17.1 51.2

Manual Integrations
APPROVED

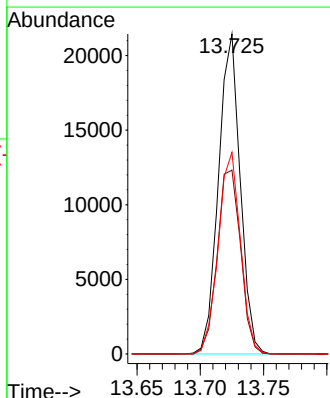
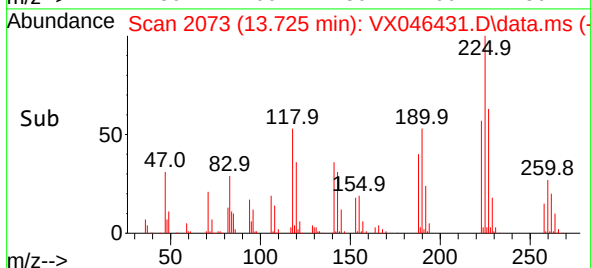
Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025

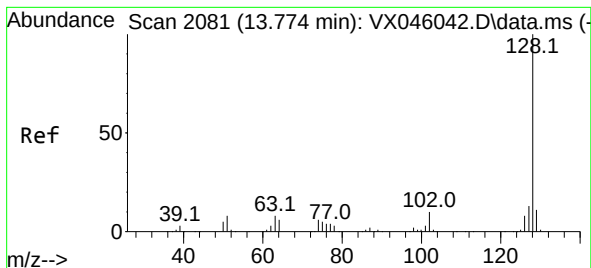


#94
Hexachlorobutadiene
Concen: 53.675 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56



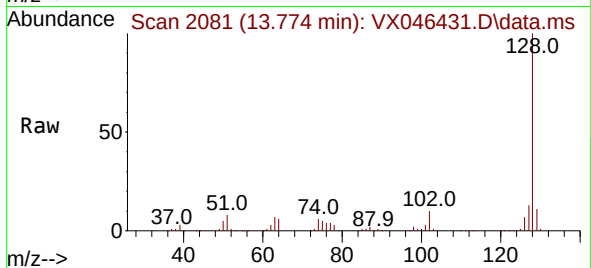
Tgt Ion:225 Resp: 25552
Ion Ratio Lower Upper
225 100
223 61.9 30.8 92.4
227 64.3 30.9 92.7





#95
Naphthalene
Concen: 56.519 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56

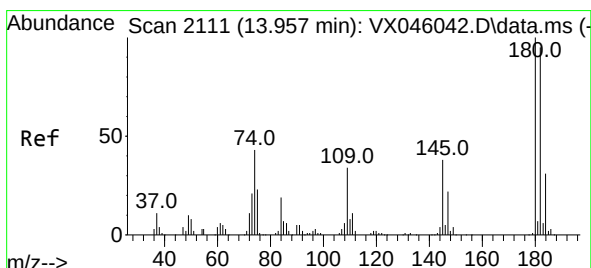
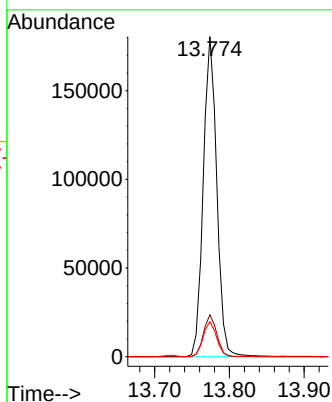
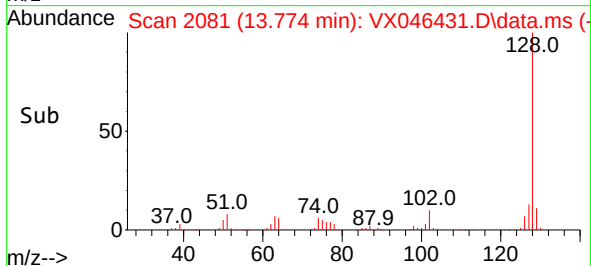
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



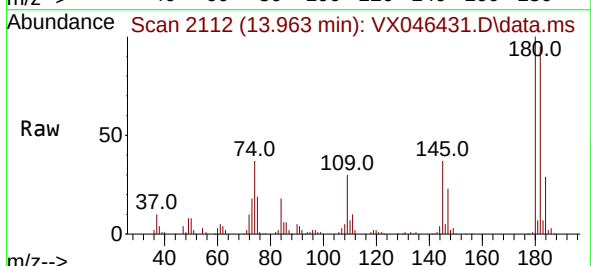
Tgt Ion:128 Resp: 22594
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/02/2025
Supervised By :Mahesh Dadoda 06/02/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.497 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046431.D
Acq: 30 May 2025 18:56



Tgt Ion:180 Resp: 61292
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.3
145 36.3 18.1 54.3

