

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060225\
 Data File : VX046458.D
 Acq On : 02 Jun 2025 21:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/03/2025
 Supervised By : Mahesh Dadoda 06/03/2025

Quant Time: Jun 03 01:38:02 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	5.544	168	86881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	154530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	134611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79610	49.150	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.300%		
35) Dibromofluoromethane	5.379	113	54401	48.888	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.780%		
50) Toluene-d8	8.647	98	180839	46.953	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.900%		
62) 4-Bromofluorobenzene	11.079	95	75128	50.852	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	54936	41.312	ug/l	99
3) Chloromethane	1.307	50	52690	40.859	ug/l	98
4) Vinyl Chloride	1.374	62	49493	41.238	ug/l	99
5) Bromomethane	1.593	94	22493	40.407	ug/l	97
6) Chloroethane	1.666	64	28999	45.261	ug/l	96
7) Trichlorofluoromethane	1.874	101	80136	45.179	ug/l	100
8) Diethyl Ether	2.136	74	27679	45.840	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	51088	46.542	ug/l	98
10) Methyl Iodide	2.447	142	60804	46.814	ug/l	99
11) Tert butyl alcohol	2.977	59	62005	272.714	ug/l	100
12) 1,1-Dichloroethene	2.307	96	46638	45.271	ug/l	98
13) Acrolein	2.233	56	57041	220.295	ug/l	97
14) Allyl chloride	2.660	41	94969	48.235	ug/l	97
15) Acrylonitrile	3.063	53	172119	264.746	ug/l	97
16) Acetone	2.386	43	168019	258.714	ug/l	99
17) Carbon Disulfide	2.502	76	78054	31.958	ug/l	100
18) Methyl Acetate	2.703	43	102286	67.872	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	192023	53.166	ug/l	98
20) Methylene Chloride	2.782	84	57238	45.991	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	46964	45.331	ug/l	97
22) Diisopropyl ether	3.758	45	200975	52.844	ug/l	98
23) Vinyl Acetate	3.721	43	833035	249.037	ug/l	100
24) 1,1-Dichloroethane	3.605	63	107380	50.692	ug/l	98
25) 2-Butanone	4.556	43	258626	274.303	ug/l	99
26) 2,2-Dichloropropane	4.465	77	68394	41.251	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	62380	50.016	ug/l	98
28) Bromochloromethane	4.891	49	49315	48.365	ug/l	99
29) Tetrahydrofuran	5.001	42	161530	273.404	ug/l	99
30) Chloroform	5.087	83	113143	51.244	ug/l	97
31) Cyclohexane	5.465	56	87541	45.351	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	94169	49.202	ug/l	100
36) 1,1-Dichloropropene	5.690	75	68978	46.135	ug/l	100
37) Ethyl Acetate	4.715	43	92588	50.123	ug/l	99
38) Carbon Tetrachloride	5.672	117	76745	45.684	ug/l	98
39) Methylcyclohexane	7.373	83	83705	43.486	ug/l	98
40) Benzene	6.032	78	212075	48.426	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55379	57.310	ug/l	99
42) 1,2-Dichloroethane	6.080	62	93096	49.255	ug/l	100
43) Isopropyl Acetate	6.336	43	152230	54.019	ug/l	100
44) Trichloroethene	7.123	130	51197	48.572	ug/l	95
45) 1,2-Dichloropropane	7.428	63	57315	52.633	ug/l	99
46) Dibromomethane	7.580	93	42769	49.797	ug/l	99
47) Bromodichloromethane	7.818	83	85422	50.497	ug/l	100
48) Methyl methacrylate	7.690	41	79255	55.068	ug/l	98
49) 1,4-Dioxane	7.659	88	30796	1126.957	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	515387	275.521	ug/l	100
52) Toluene	8.714	92	132032	49.167	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	74355	49.452	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	83244	50.091	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	55747	52.649	ug/l	96
56) Ethyl methacrylate	9.116	69	94610	56.063	ug/l	98
57) 1,3-Dichloropropane	9.305	76	96849	50.930	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	231600	269.192	ug/l	100
59) 2-Hexanone	9.427	43	389332	281.324	ug/l	100
60) Dibromochloromethane	9.519	129	60928	52.395	ug/l	97
61) 1,2-Dibromoethane	9.604	107	56205	51.071	ug/l	97
64) Tetrachloroethene	9.269	164	45508	47.781	ug/l	95
65) Chlorobenzene	10.073	112	144794	49.144	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	50829	50.522	ug/l	98
67) Ethyl Benzene	10.189	91	266210	51.258	ug/l	100
68) m/p-Xylenes	10.299	106	188522	99.248	ug/l	97
69) o-Xylene	10.640	106	97019	52.391	ug/l	99
70) Styrene	10.653	104	162549	53.584	ug/l	99
71) Bromoform	10.799	173	37632	49.821	ug/l #	99
73) Isopropylbenzene	10.957	105	256908	50.573	ug/l	100
74) N-amyl acetate	10.842	43	135161	53.845	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	90150	50.641	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	78539m	50.006	ug/l	
77) Bromobenzene	11.195	156	58992	50.020	ug/l	100
78) n-propylbenzene	11.299	91	299383	50.686	ug/l	100
79) 2-Chlorotoluene	11.360	91	187210	49.139	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	215134	50.692	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	22448	46.532	ug/l	99
82) 4-Chlorotoluene	11.451	91	211736	50.116	ug/l	100
83) tert-Butylbenzene	11.713	119	217317	50.837	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	220780	51.371	ug/l	100
85) sec-Butylbenzene	11.890	105	275381	52.466	ug/l	99
86) p-Isopropyltoluene	12.006	119	229003	52.857	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	109215	50.741	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	108545	49.380	ug/l	98
89) n-Butylbenzene	12.329	91	204359	53.774	ug/l	100
90) Hexachloroethane	12.536	117	36027	47.200	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	110858	51.326	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20714	52.525	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	65854	53.084	ug/l	99
94) Hexachlorobutadiene	13.725	225	26906	49.660	ug/l	100
95) Naphthalene	13.774	128	251191	55.208	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	67594	52.806	ug/l	99

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QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

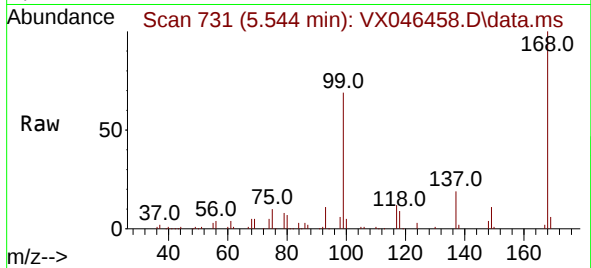
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046458.D
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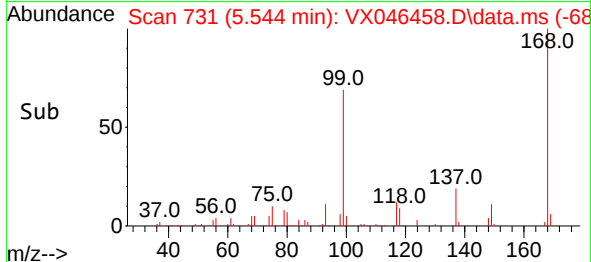
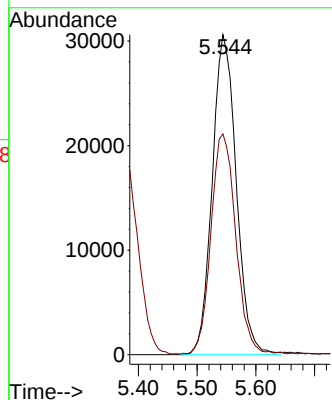
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 8688
Ion Ratio Lower Upper
168 100
99 68.8 54.9 82.3

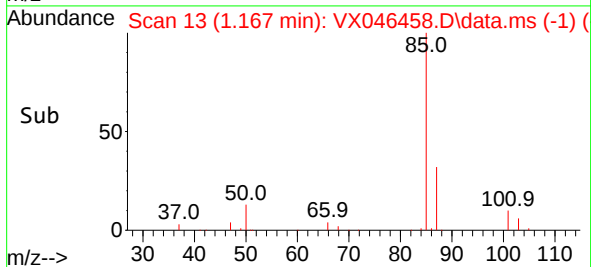
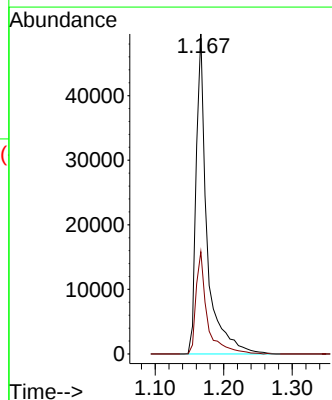
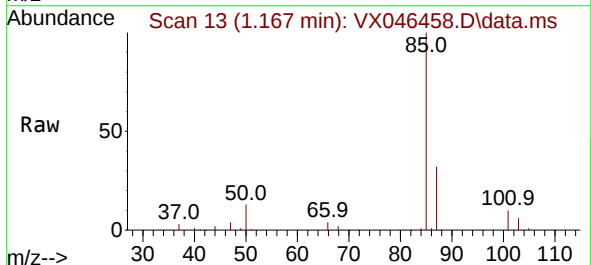
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#2
Dichlorodifluoromethane
Concen: 41.312 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

Tgt Ion: 85 Resp: 54936
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.1





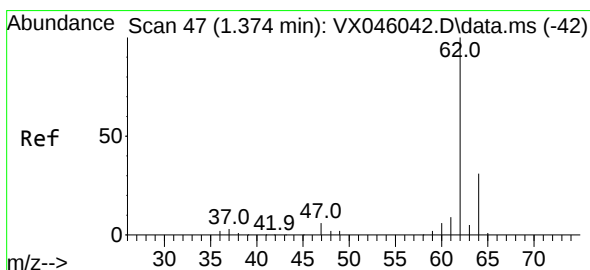
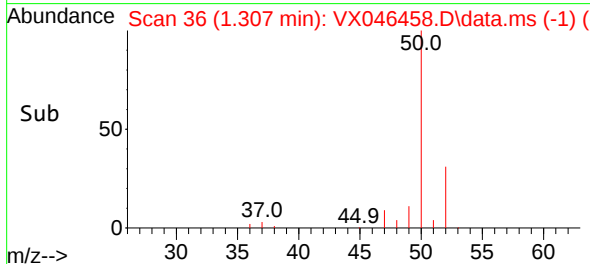
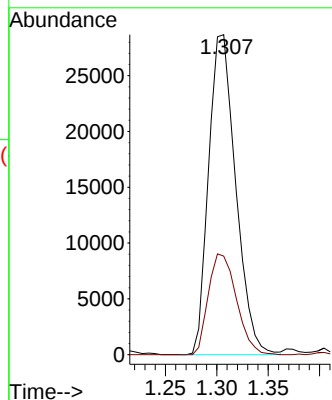
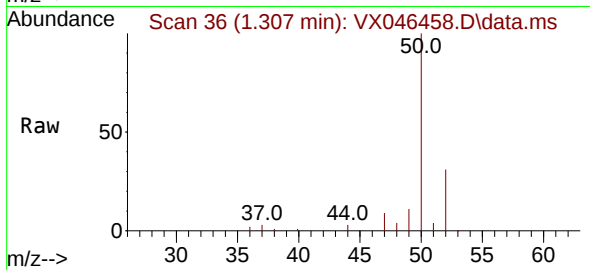
#3
Chloromethane
Concen: 40.859 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 52690
Ion Ratio Lower Upper
50 100
52 30.8 25.4 38.2

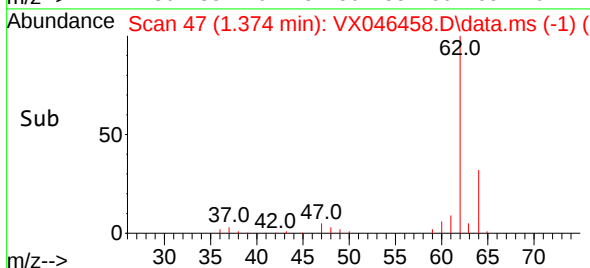
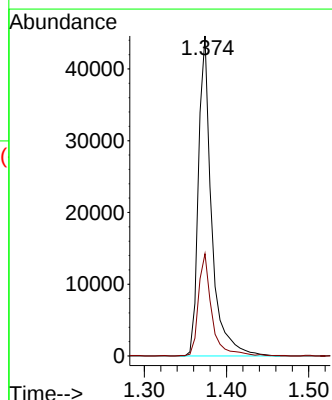
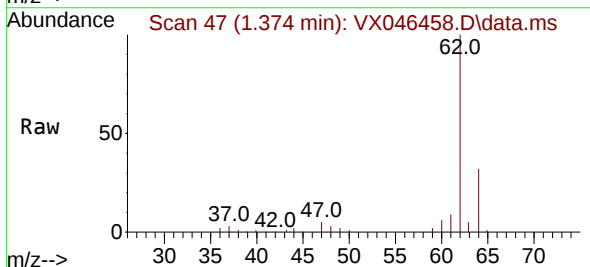
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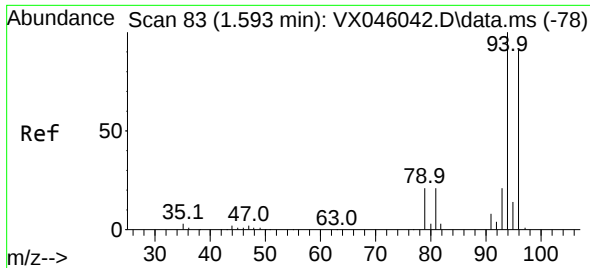
Reviewed By :John Carlone 06/03/2025
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#4
Vinyl Chloride
Concen: 41.238 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

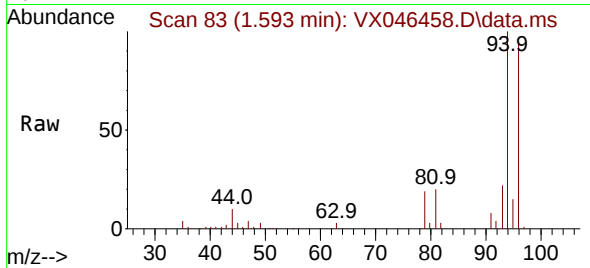
Tgt Ion: 62 Resp: 49493
Ion Ratio Lower Upper
62 100
64 31.8 25.2 37.8





#5
Bromomethane
Concen: 40.407 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

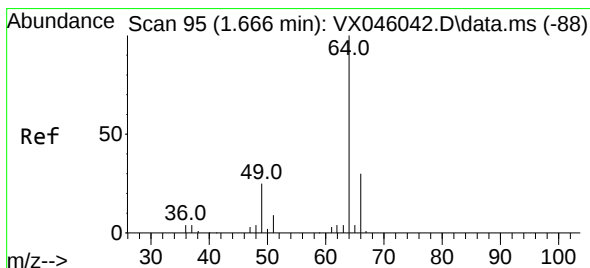
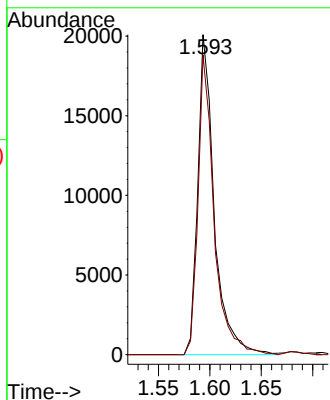
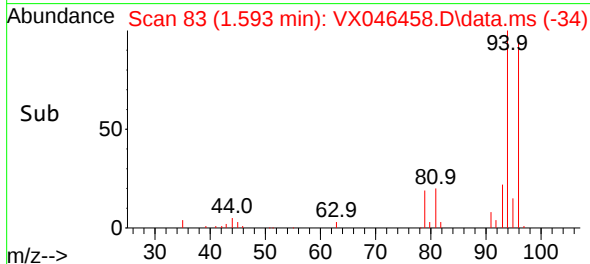
Instrument :
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Tgt Ion: 94 Resp: 2249
Ion Ratio Lower Upper
94 100
96 93.7 72.8 109.2

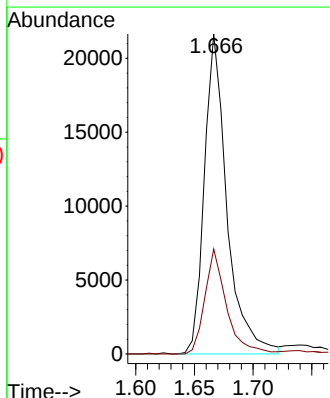
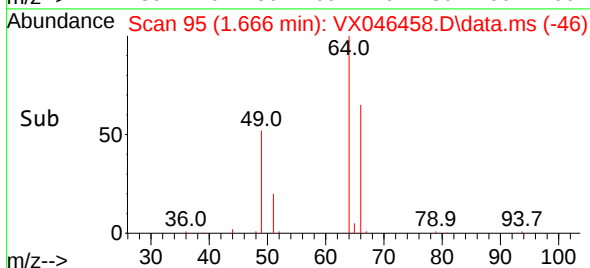
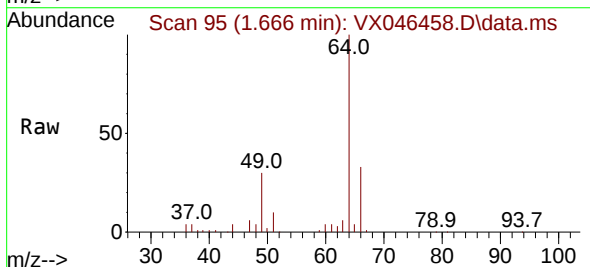
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#6
Chloroethane
Concen: 45.261 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

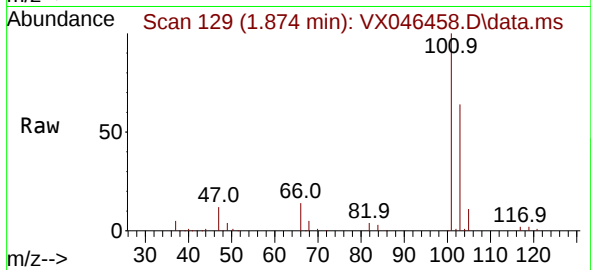
Tgt Ion: 64 Resp: 28999
Ion Ratio Lower Upper
64 100
66 32.8 24.3 36.5





#7
Trichlorofluoromethane
Concen: 45.179 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

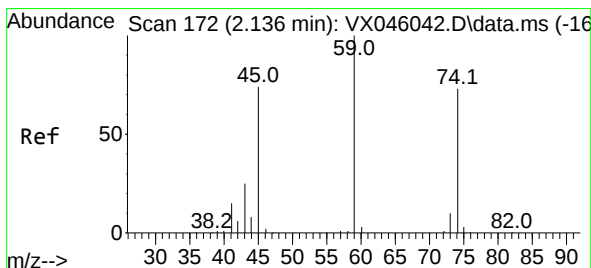
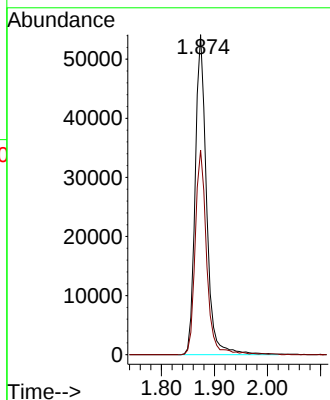
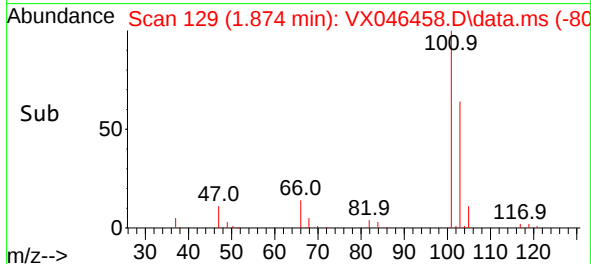
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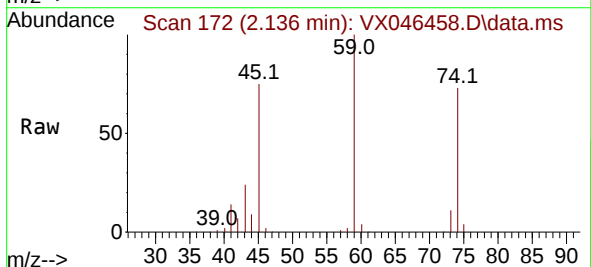
Tgt Ion:101 Resp: 80130
Ion Ratio Lower Upper
101 100
103 63.9 51.0 76.4

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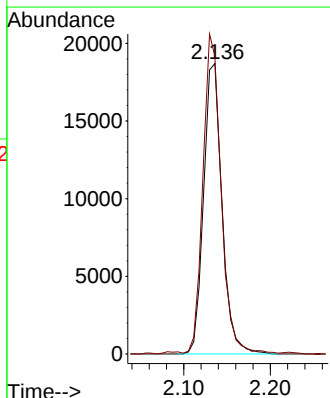
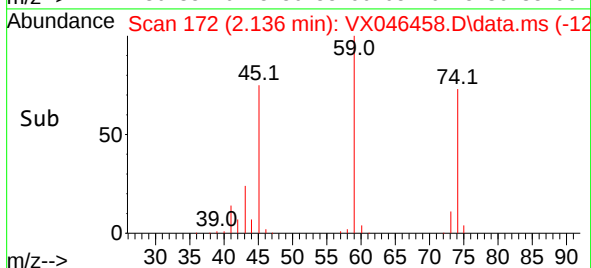
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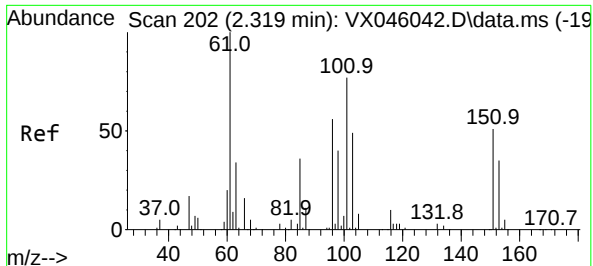


#8
Diethyl Ether
Concen: 45.840 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03



Tgt Ion: 74 Resp: 27679
Ion Ratio Lower Upper
74 100
45 107.3 54.9 164.8





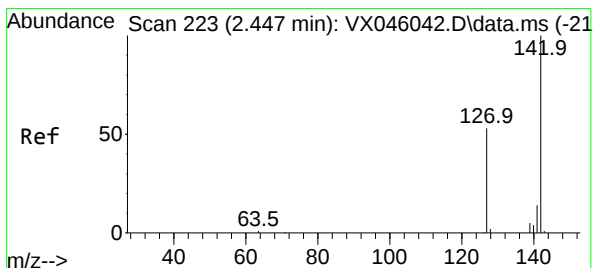
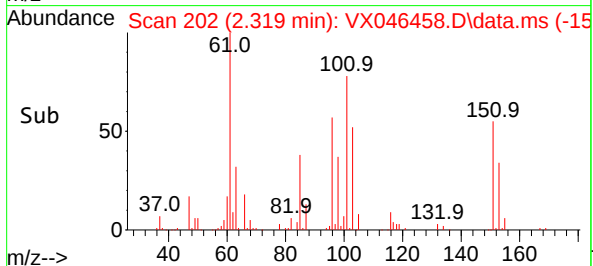
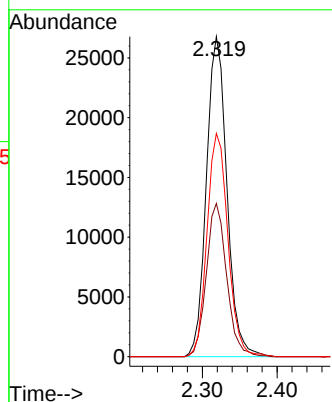
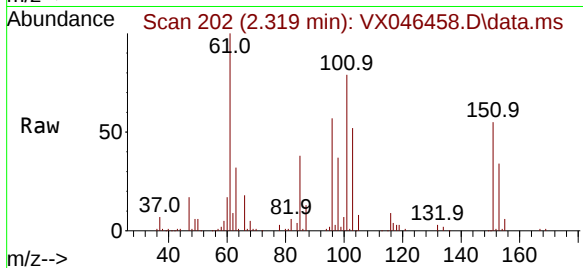
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.542 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX046458.D
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Tgt Ion:101 Resp: 51088
Ion Ratio Lower Upper
101 100
85 47.5 38.6 58.0
151 70.9 55.2 82.8

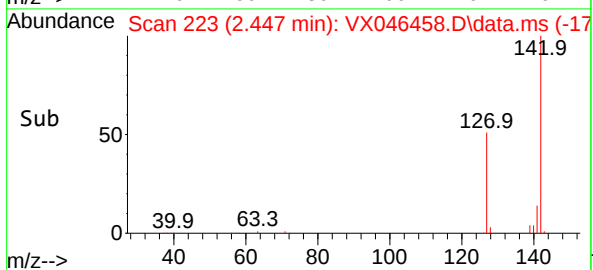
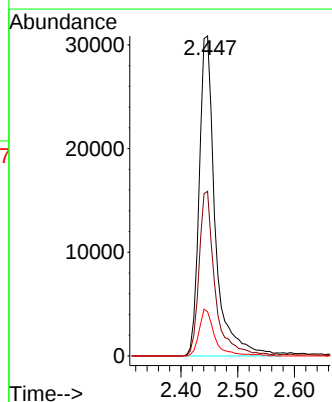
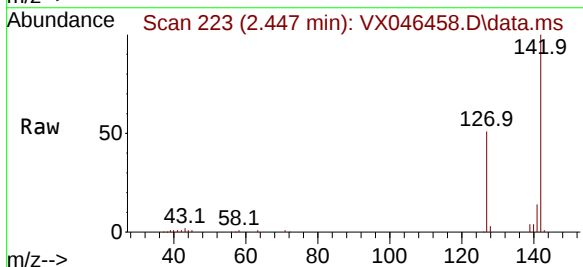
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#10
Methyl Iodide
Concen: 46.814 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

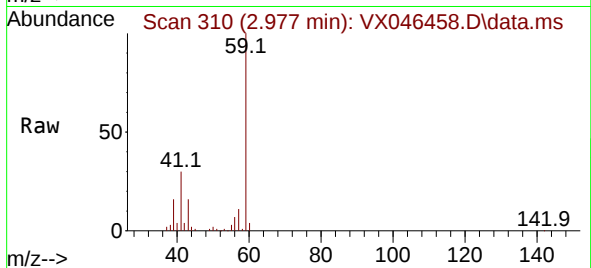
Tgt Ion:142 Resp: 60804
Ion Ratio Lower Upper
142 100
127 51.2 41.7 62.5
141 14.0 11.5 17.3





#11
Tert butyl alcohol
Concen: 272.714 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

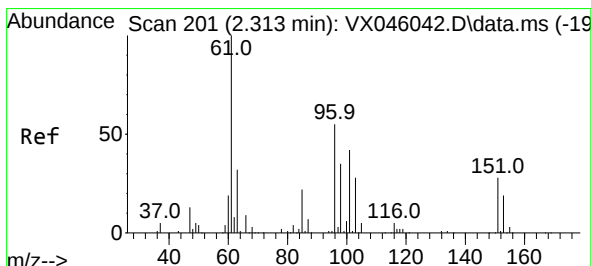
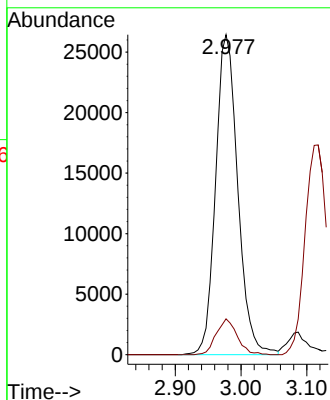
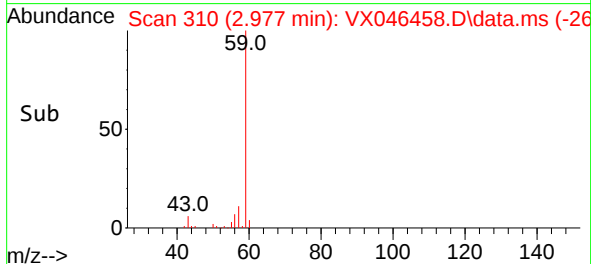
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



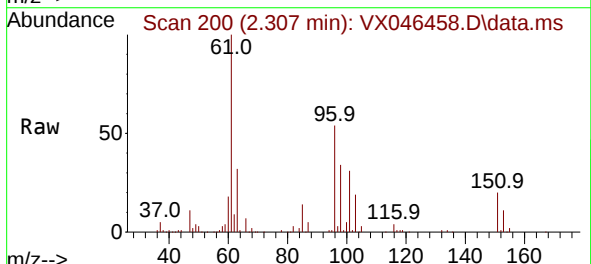
Tgt Ion: 59 Resp: 6200
Ion Ratio Lower Upper
59 100
57 10.6 8.6 12.8

Manual Integrations
APPROVED

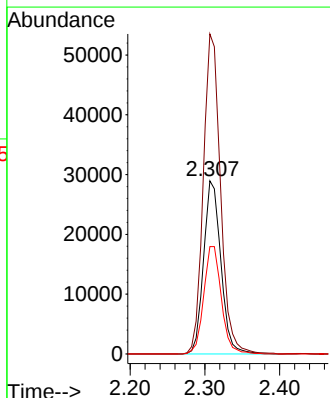
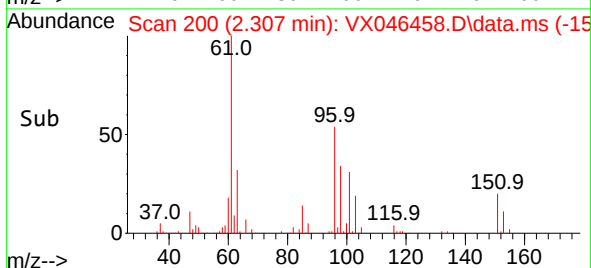
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

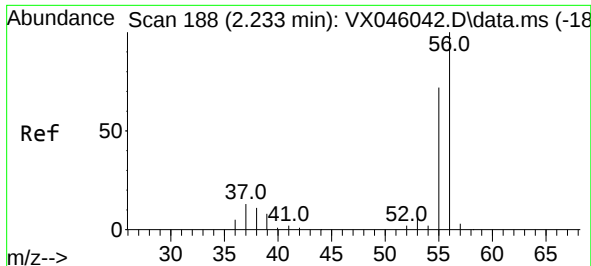


#12
1,1-Dichloroethene
Concen: 45.271 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03



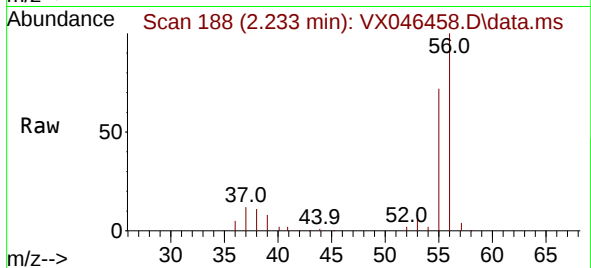
Tgt Ion: 96 Resp: 46638
Ion Ratio Lower Upper
96 100
61 184.8 146.2 219.2
98 62.0 51.0 76.6





#13
Acrolein
Concen: 220.295 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

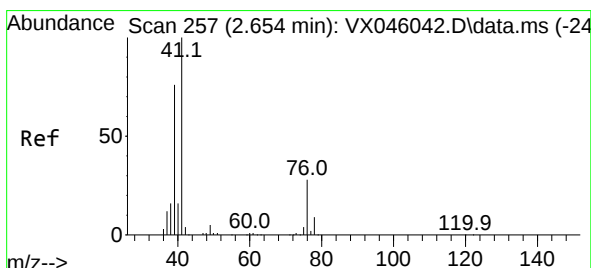
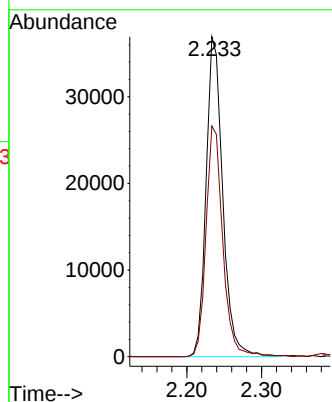
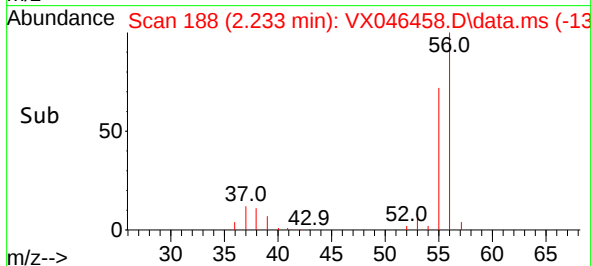
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5704
Ion Ratio Lower Upper
56 100
55 72.6 56.2 84.4

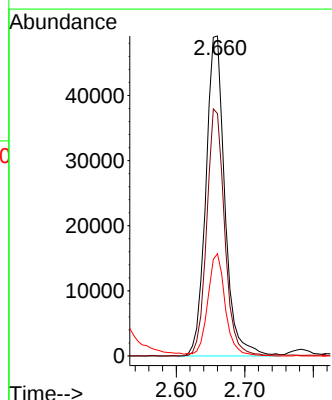
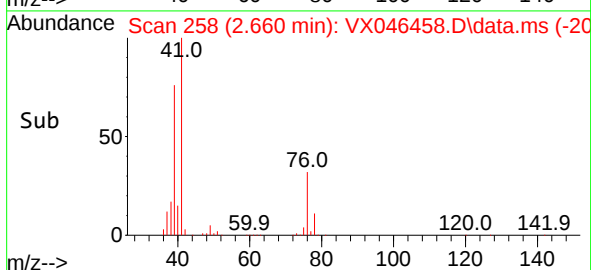
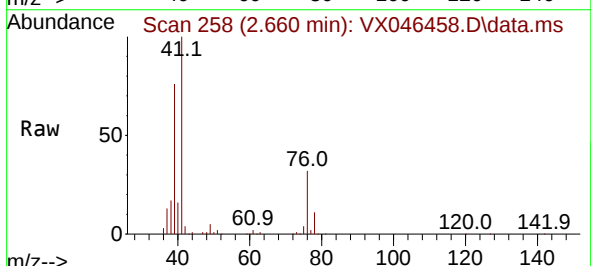
Manual Integrations
APPROVED

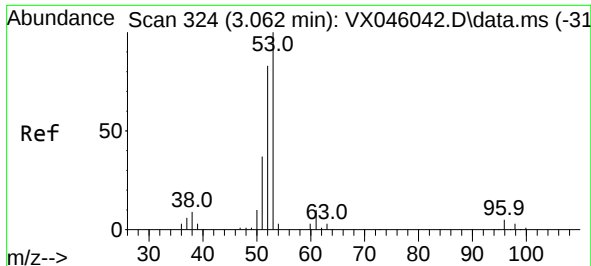
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#14
Allyl chloride
Concen: 48.235 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

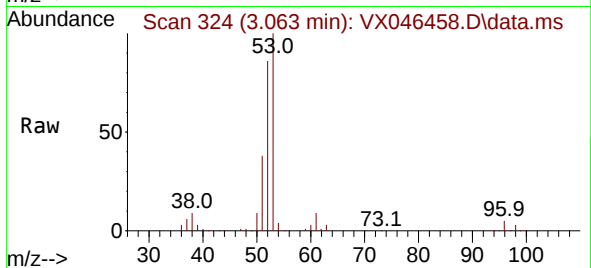
Tgt Ion: 41 Resp: 94969
Ion Ratio Lower Upper
41 100
39 72.6 60.6 90.8
76 29.7 24.9 37.3





#15
Acrylonitrile
Concen: 264.746 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

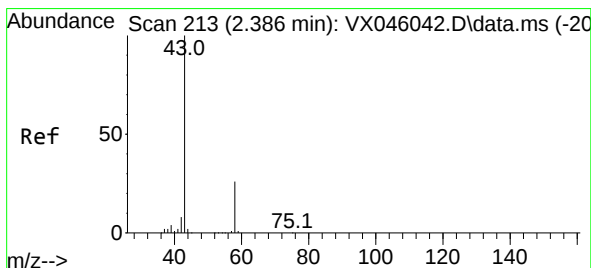
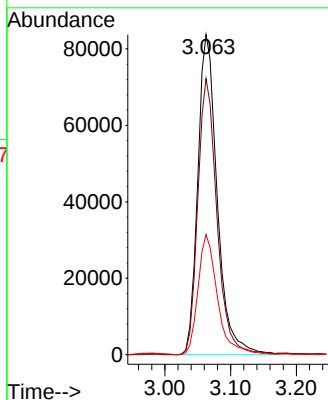
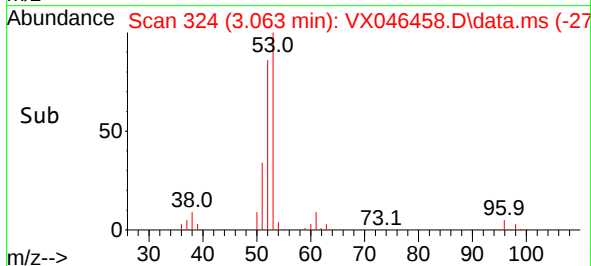
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 172119
Ion Ratio Lower Upper
53 100
52 84.8 65.3 97.9
51 37.7 29.8 44.8

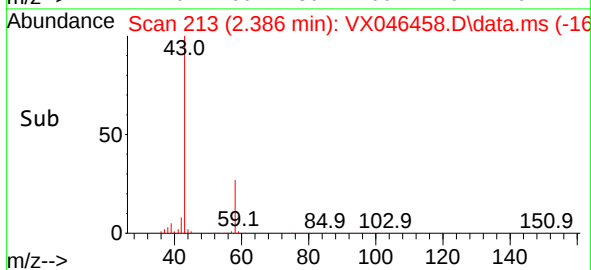
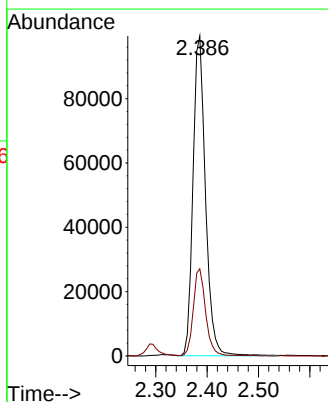
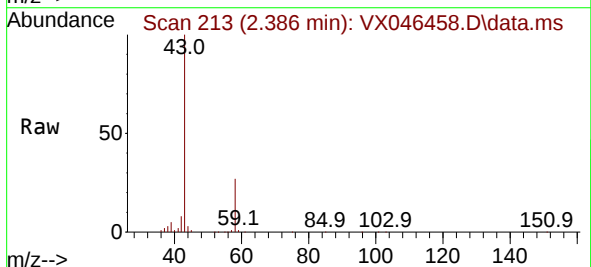
Manual Integrations
APPROVED

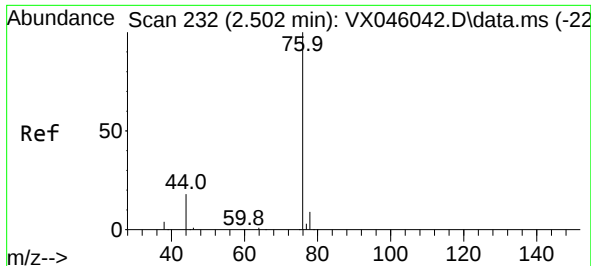
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#16
Acetone
Concen: 258.714 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

Tgt Ion: 43 Resp: 168019
Ion Ratio Lower Upper
43 100
58 27.2 21.2 31.8





#17

Carbon Disulfide

Concen: 31.958 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Instrument :

MSVOA_X

ClientSampleId :

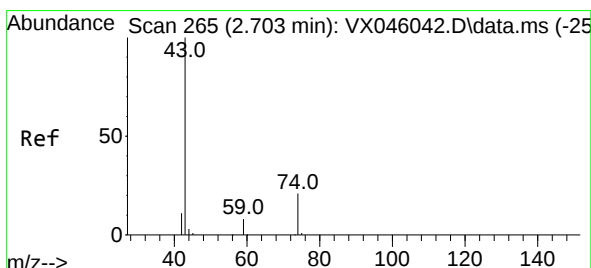
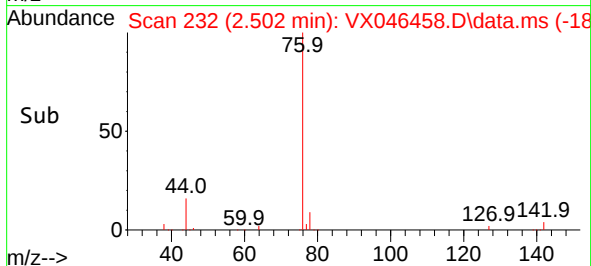
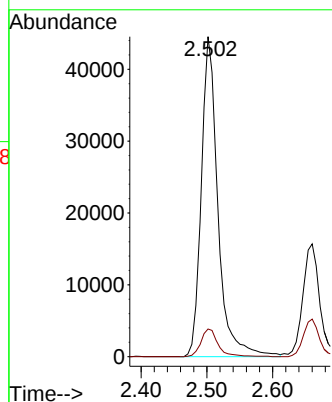
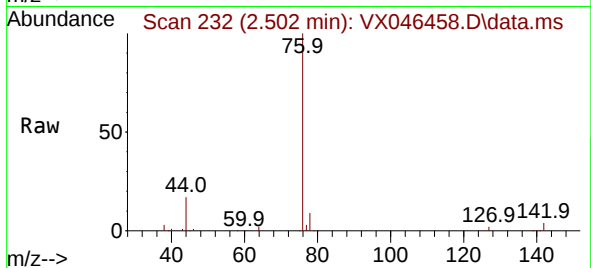
VSTDCCC050EC

Tgt Ion: 76 Resp: 78054
 Ion Ratio Lower Upper
 76 100
 78 8.7 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025



#18

Methyl Acetate

Concen: 67.872 ug/l

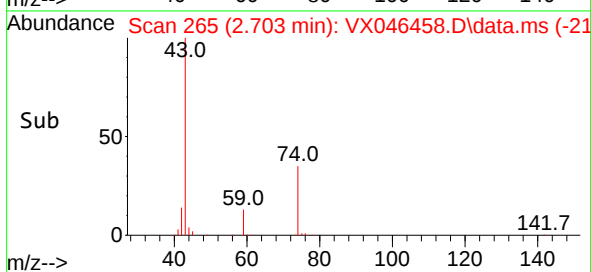
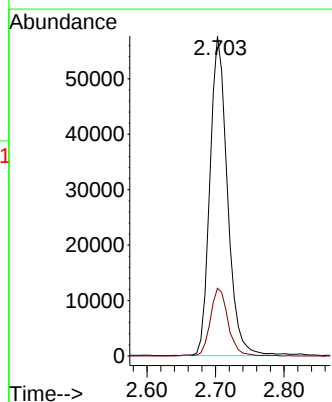
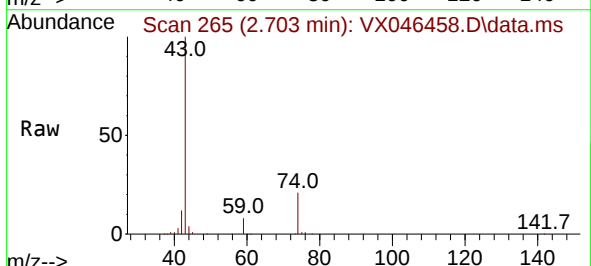
RT: 2.703 min Scan# 265

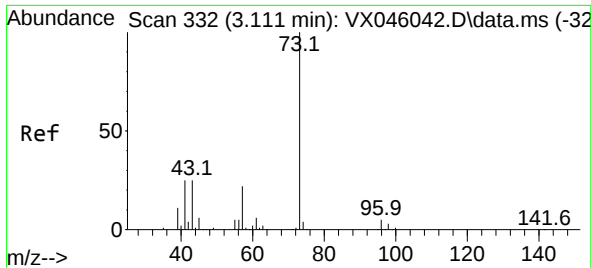
Delta R.T. 0.000 min

Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Tgt Ion: 43 Resp: 102286
 Ion Ratio Lower Upper
 43 100
 74 21.5 16.7 25.1





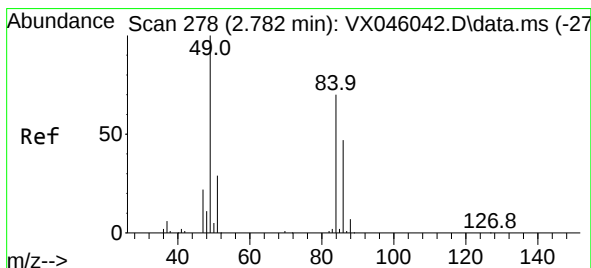
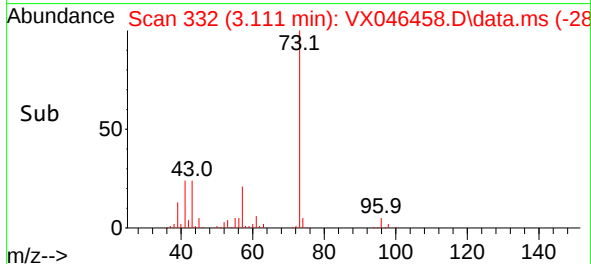
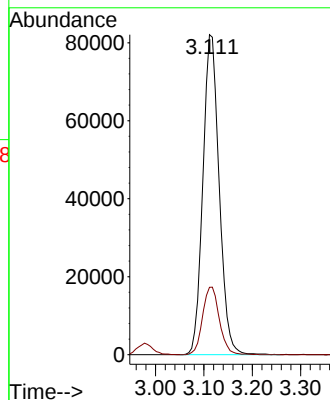
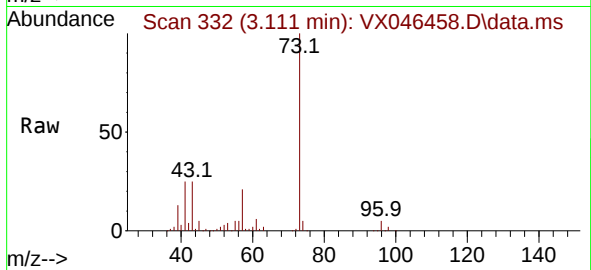
#19
Methyl tert-butyl Ether
Concen: 53.166 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 19202
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5

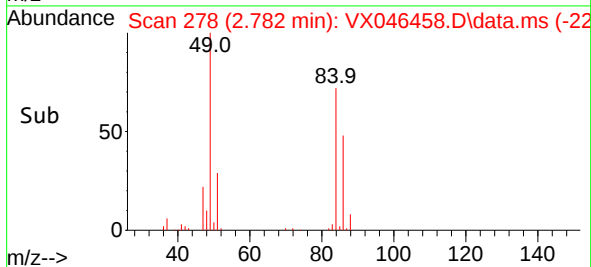
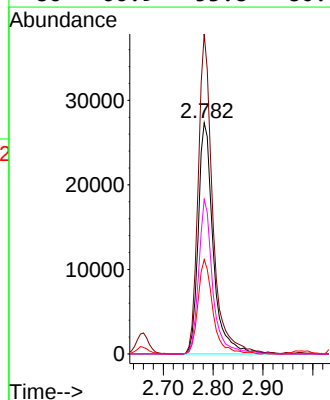
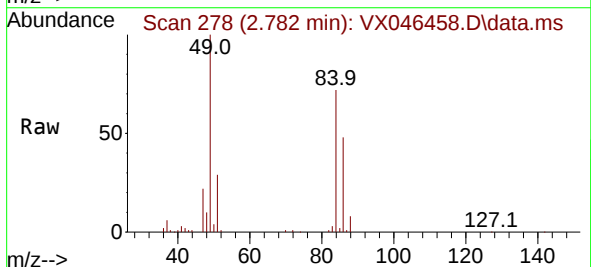
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#20
Methylene Chloride
Concen: 45.991 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

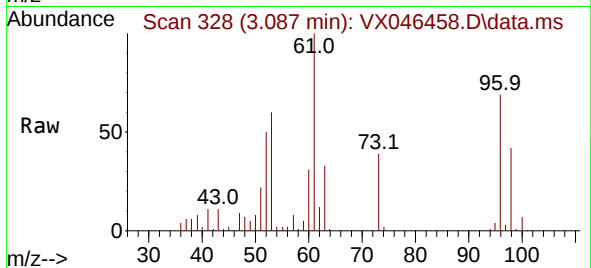
Tgt Ion: 84 Resp: 57238
Ion Ratio Lower Upper
84 100
49 138.4 113.9 170.9
51 40.8 33.5 50.3
86 66.9 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 45.331 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

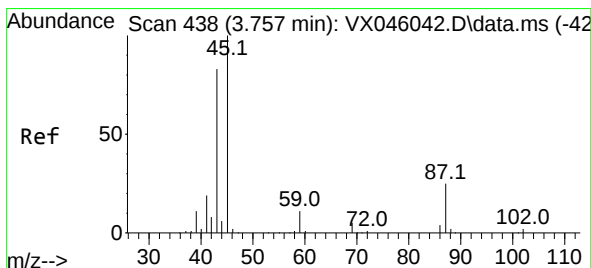
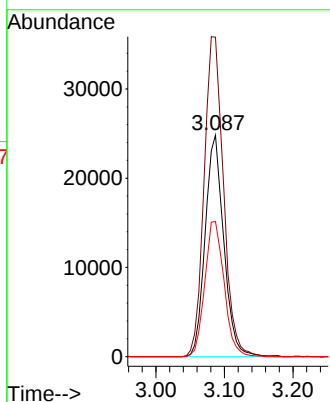
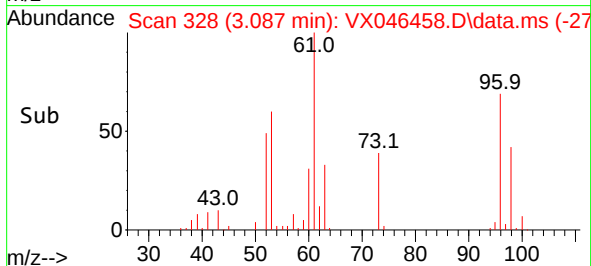
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



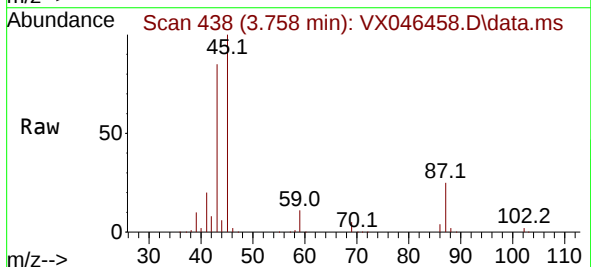
Tgt Ion: 96 Resp: 46964
Ion Ratio Lower Upper
96 100
61 144.2 119.5 179.3
98 61.0 50.0 75.0

Manual Integrations
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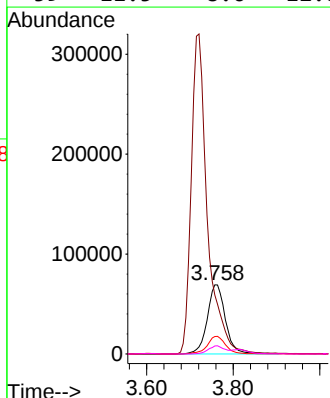
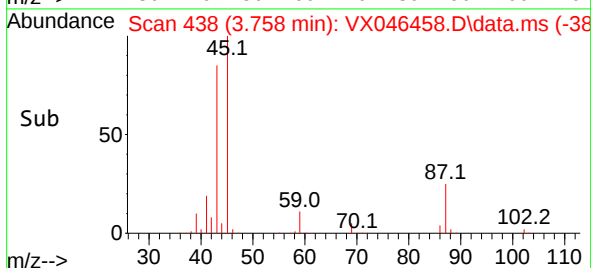
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#22
Diisopropyl ether
Concen: 52.844 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03



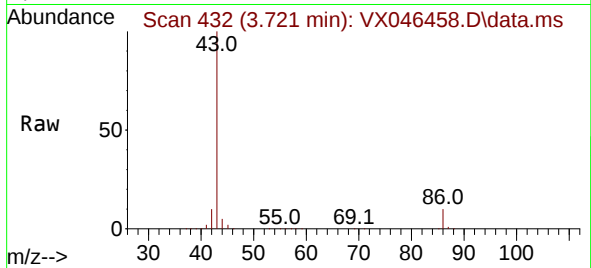
Tgt Ion: 45 Resp: 200975
Ion Ratio Lower Upper
45 100
43 84.8 66.6 100.0
87 25.2 19.8 29.6
59 11.5 8.6 12.8





#23
 Vinyl Acetate
 Concen: 249.037 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046458.D
 Acq: 02 Jun 2025 21:03

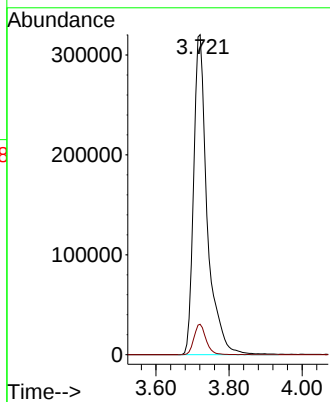
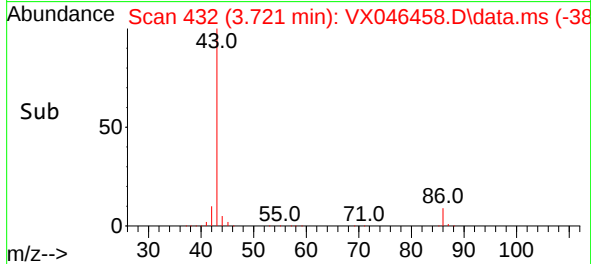
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



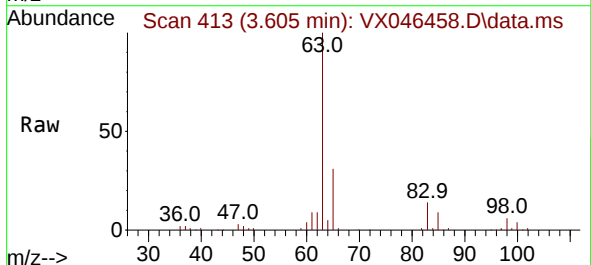
Tgt Ion: 43 Resp: 833035
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

Manual Integrations
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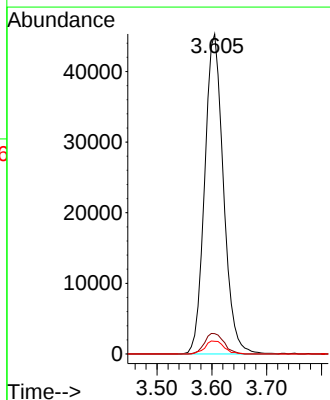
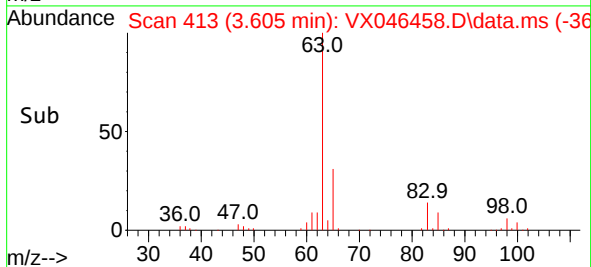
Reviewed By :John Carlone 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025

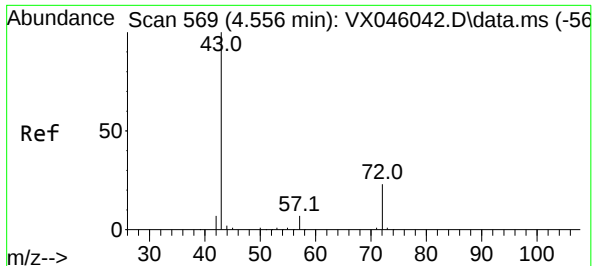


#24
 1,1-Dichloroethane
 Concen: 50.692 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX046458.D
 Acq: 02 Jun 2025 21:03



Tgt Ion: 63 Resp: 107380
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 3.9 2.1 6.3





#25

2-Butanone

Concen: 274.303 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.000 min

Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 258620

Ion Ratio Lower Upper

43 100

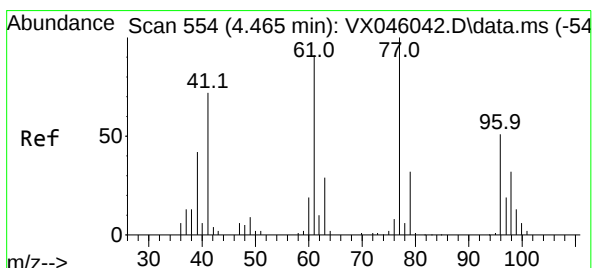
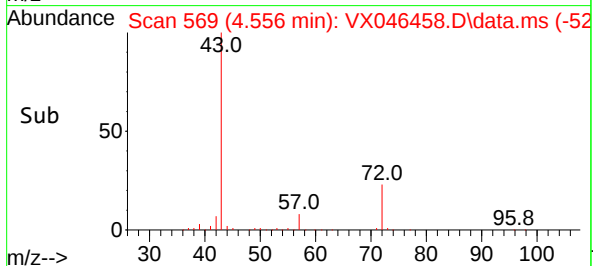
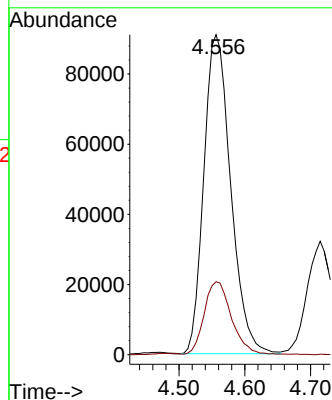
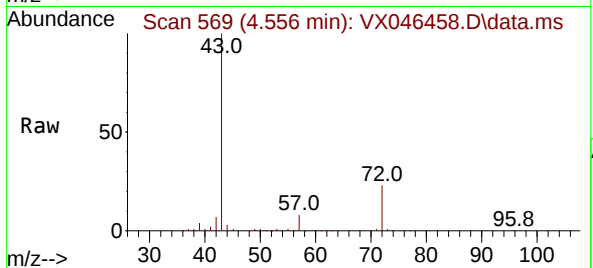
72 22.7 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#26

2,2-Dichloropropane

Concen: 41.251 ug/l

RT: 4.465 min Scan# 554

Delta R.T. 0.000 min

Lab File: VX046458.D

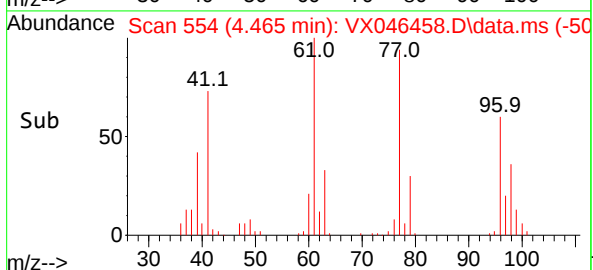
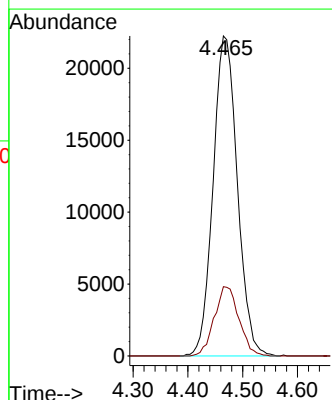
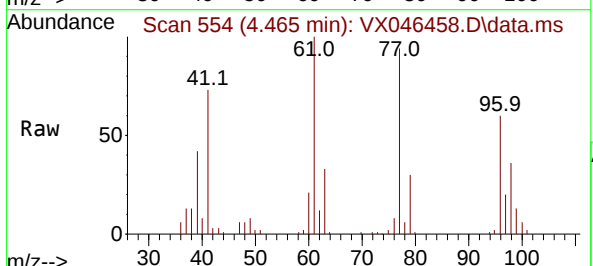
Acq: 02 Jun 2025 21:03

Tgt Ion: 77 Resp: 68394

Ion Ratio Lower Upper

77 100

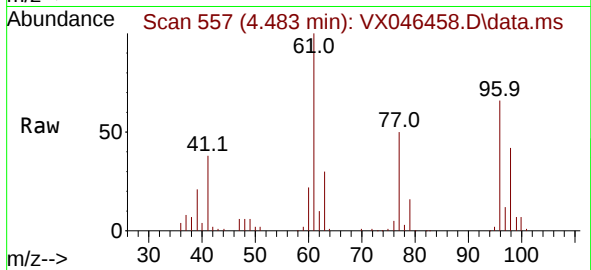
97 21.9 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 50.016 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX046458.D
 Acq: 02 Jun 2025 21:03

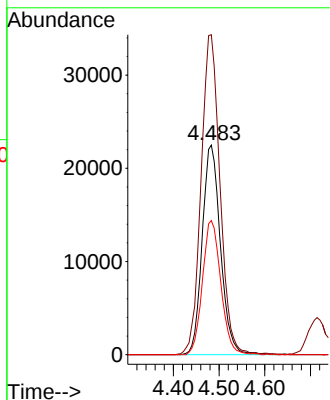
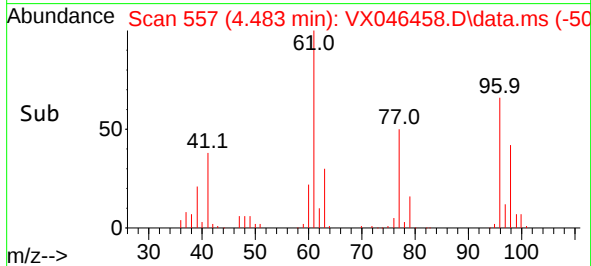
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 62380
 Ion Ratio Lower Upper
 96 100
 61 158.2 0.0 322.8
 98 64.4 0.0 129.0

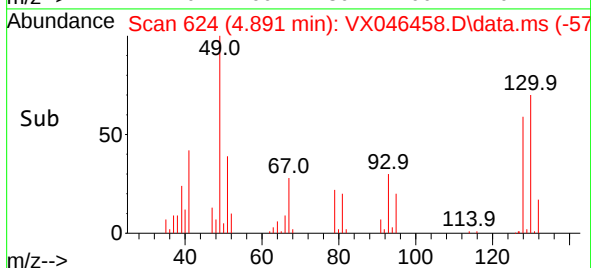
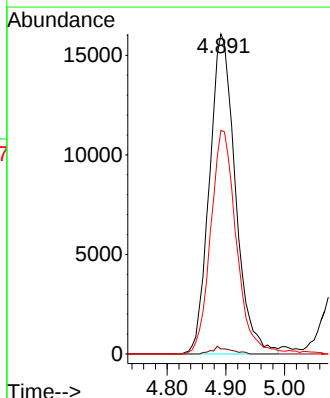
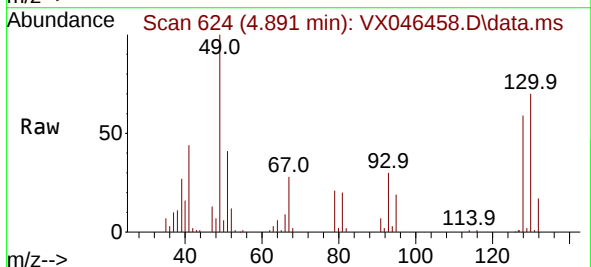
Manual Integrations
 APPROVED

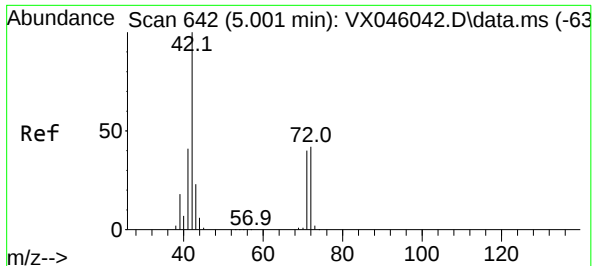
Reviewed By :John Carlone 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025



#28
 Bromochloromethane
 Concen: 48.365 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX046458.D
 Acq: 02 Jun 2025 21:03

Tgt Ion: 49 Resp: 49315
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.0
 130 69.0 56.2 84.2





#29

Tetrahydrofuran

Concen: 273.404 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 161530

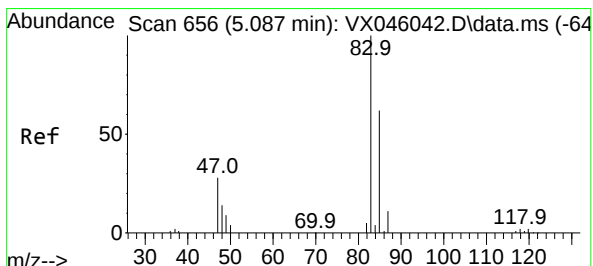
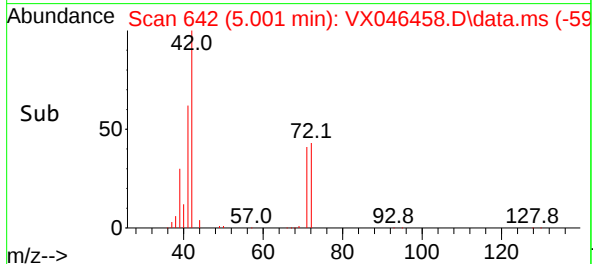
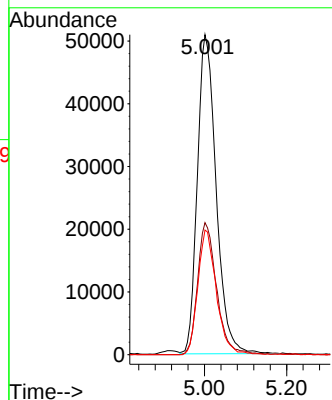
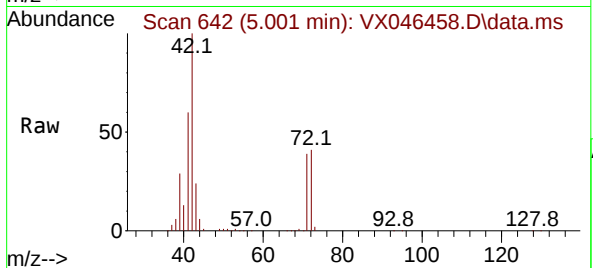
Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.7	50.5
71	38.5	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#30

Chloroform

Concen: 51.244 ug/l

RT: 5.087 min Scan# 656

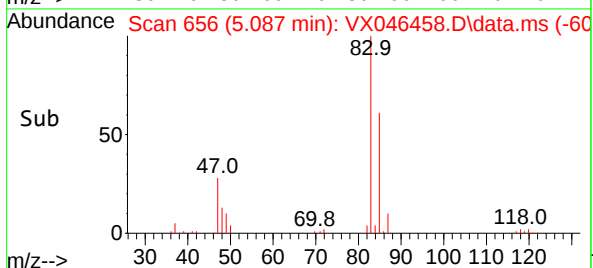
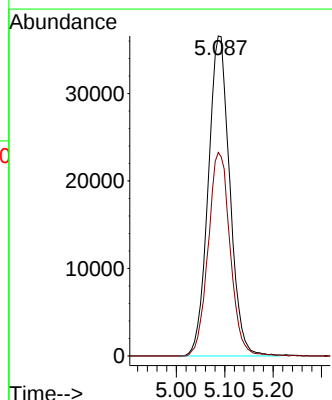
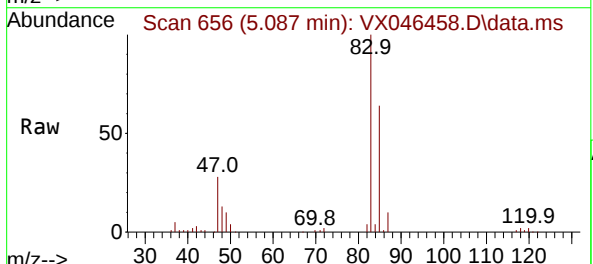
Delta R.T. 0.000 min

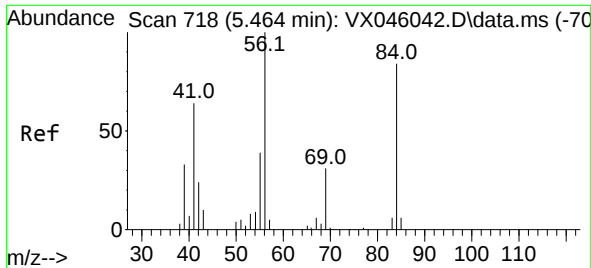
Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Tgt Ion: 83 Resp: 113143

Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.3	73.9





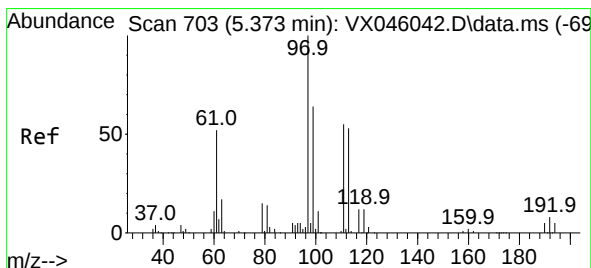
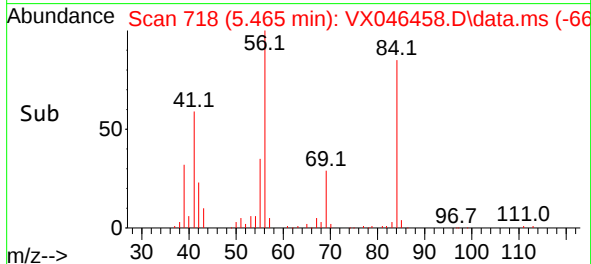
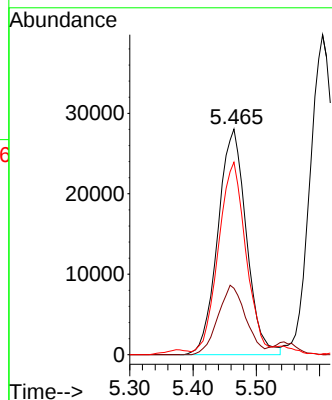
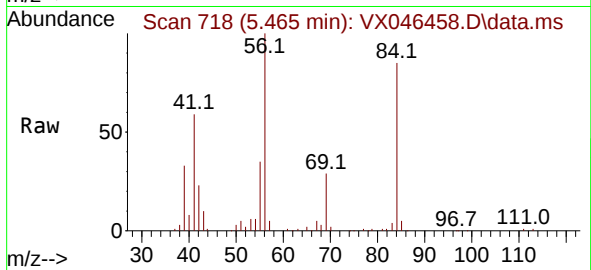
#31
Cyclohexane
Concen: 45.351 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 8754
Ion Ratio Lower Upper
56 100
69 28.7 24.4 36.6
84 83.2 66.9 100.3

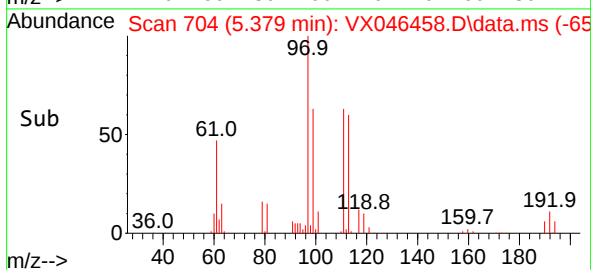
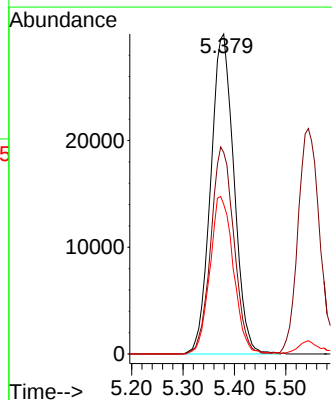
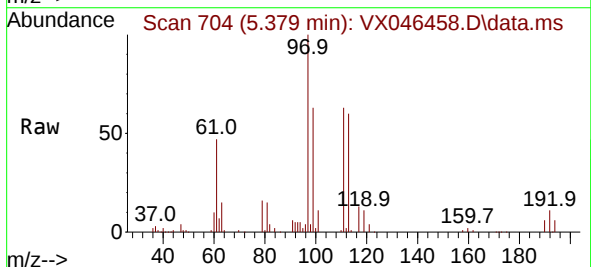
Manual Integrations
APPROVED

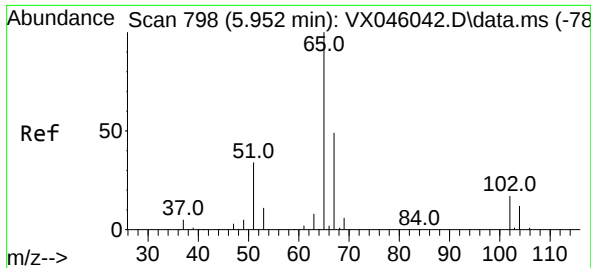
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#32
1,1,1-Trichloroethane
Concen: 49.202 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

Tgt Ion: 97 Resp: 94169
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 49.9 40.1 60.1





#33
 1,2-Dichloroethane-d4
 Concen: 49.150 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX046458.D
 Acq: 02 Jun 2025 21:03

Instrument :

MSVOA_X

ClientSampleId :

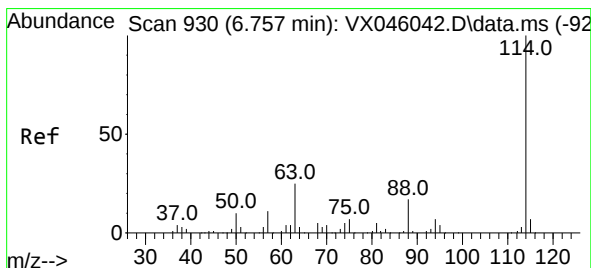
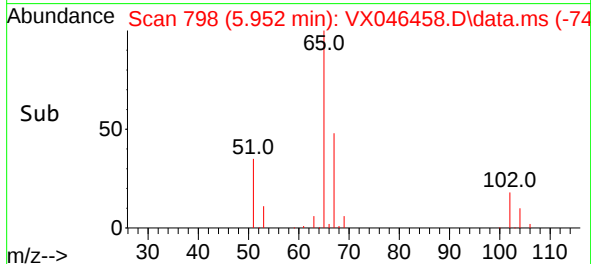
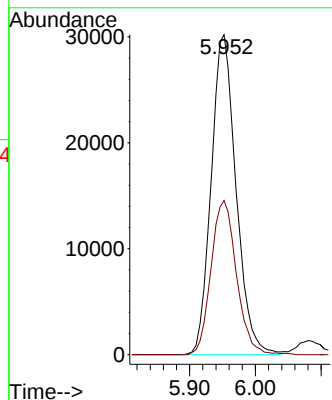
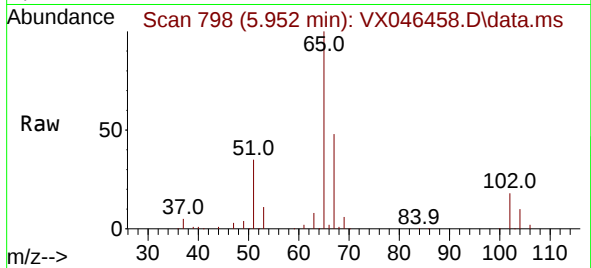
VSTDCCC050EC

Tgt Ion: 65 Resp: 79610
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.0

Manual Integrations

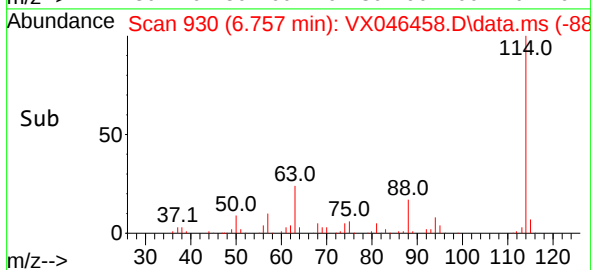
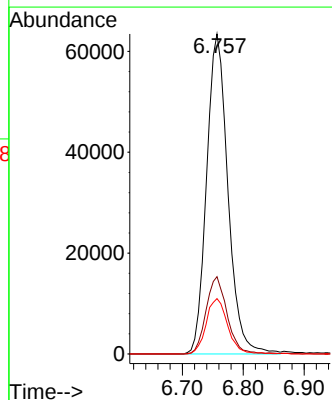
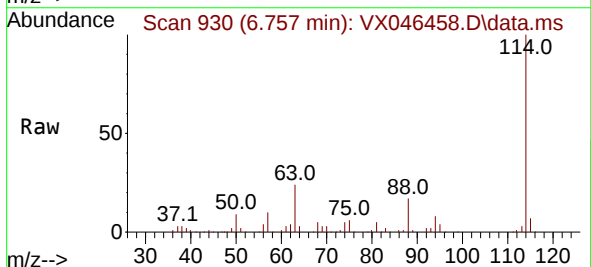
APPROVED

Reviewed By :John Carlone 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046458.D
 Acq: 02 Jun 2025 21:03

Tgt Ion:114 Resp: 154530
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.2
 88 17.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 48.888 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 5440

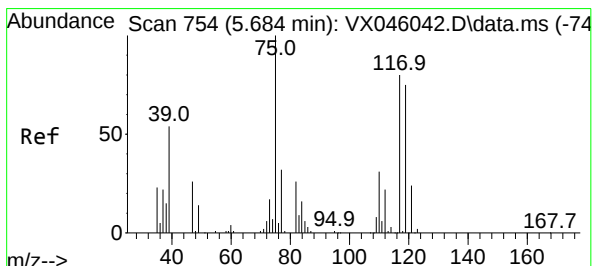
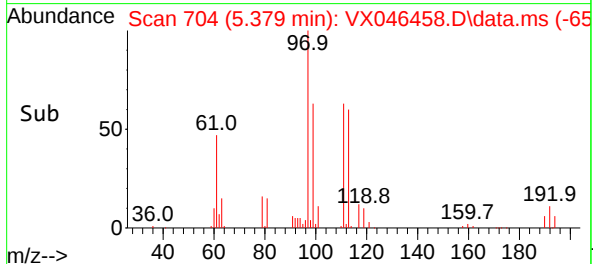
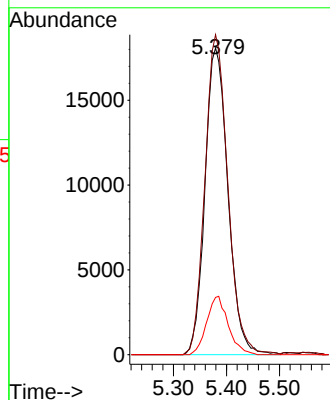
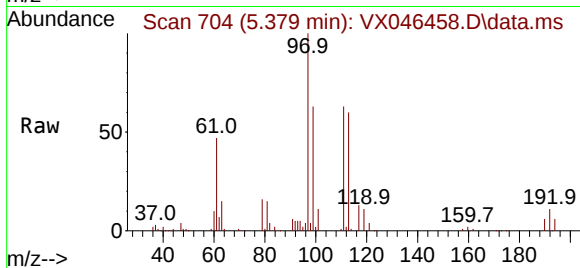
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.1	124.7
192	17.8	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#36

1,1-Dichloropropene

Concen: 46.135 ug/l

RT: 5.690 min Scan# 755

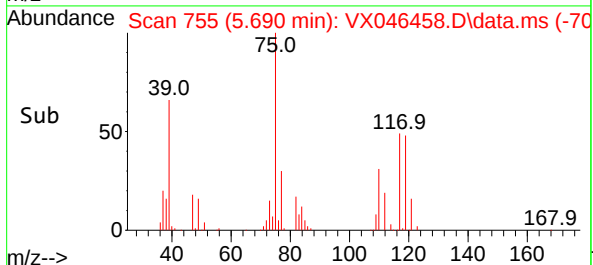
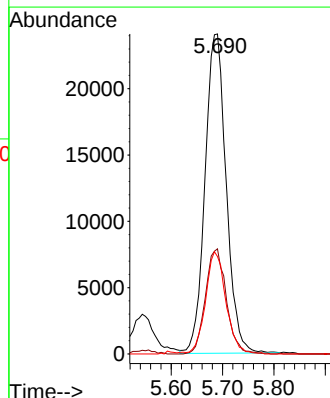
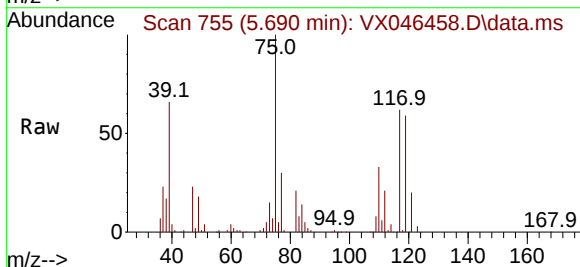
Delta R.T. 0.006 min

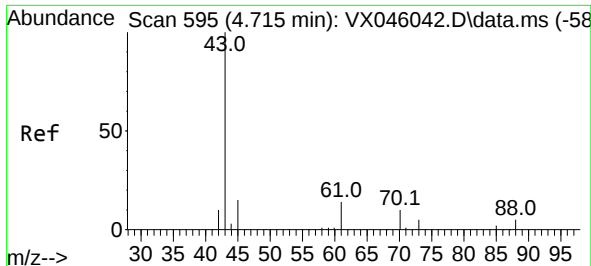
Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Tgt Ion: 75 Resp: 68978

Ion	Ratio	Lower	Upper
75	100		
110	32.4	16.3	48.9
77	30.8	24.3	36.5





#37

Ethyl Acetate

Concen: 50.123 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 92588

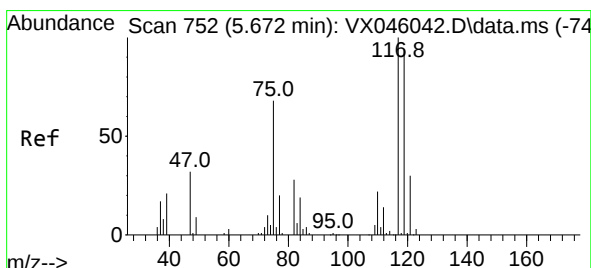
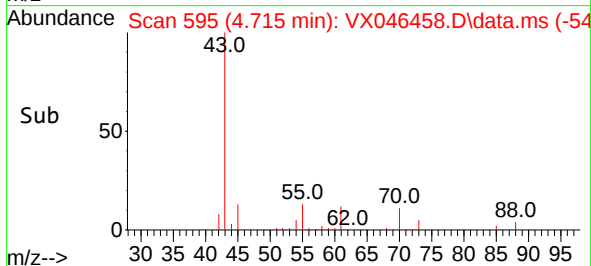
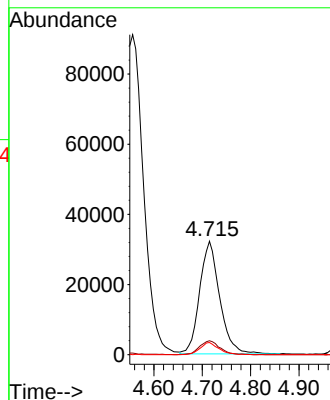
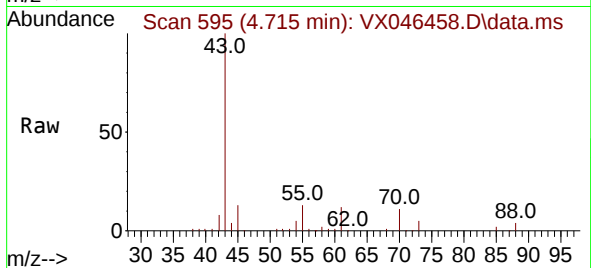
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.3	15.5
70	10.1	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#38

Carbon Tetrachloride

Concen: 45.684 ug/l

RT: 5.672 min Scan# 752

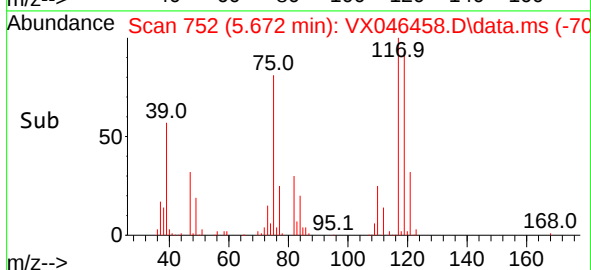
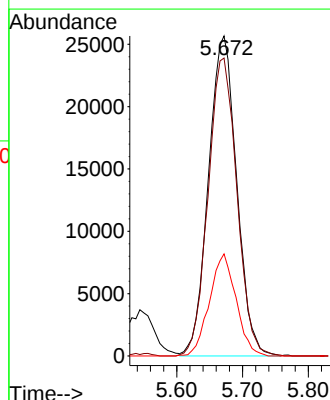
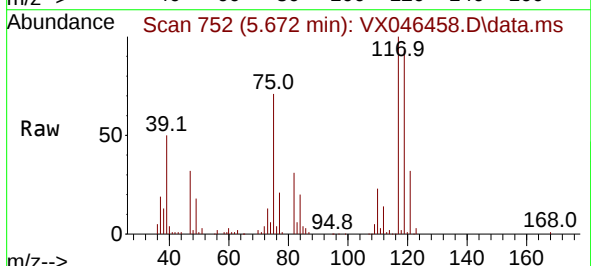
Delta R.T. 0.000 min

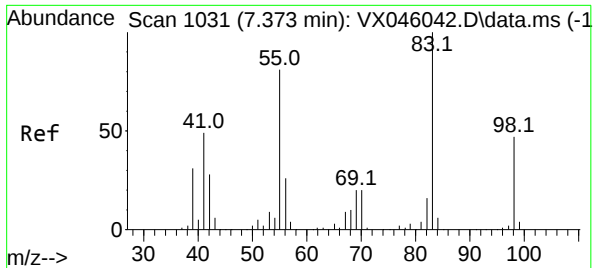
Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Tgt Ion:117 Resp: 76745

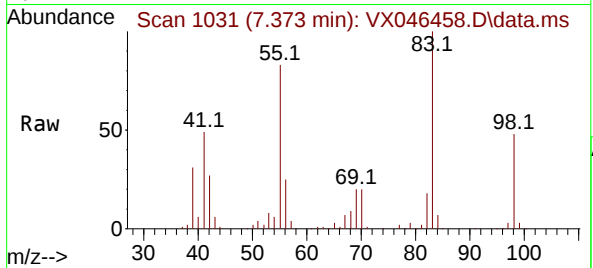
Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.2	112.8
121	31.9	24.2	36.4





#39
Methylcyclohexane
Concen: 43.486 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

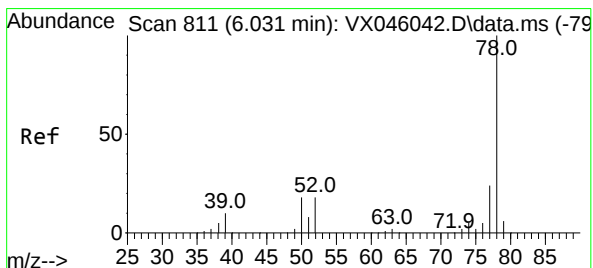
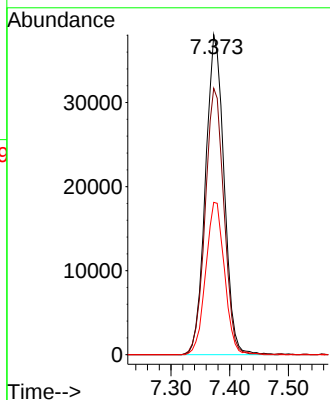
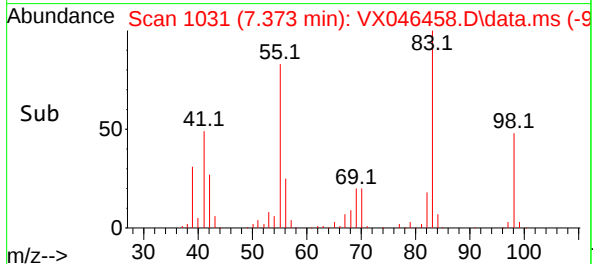
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



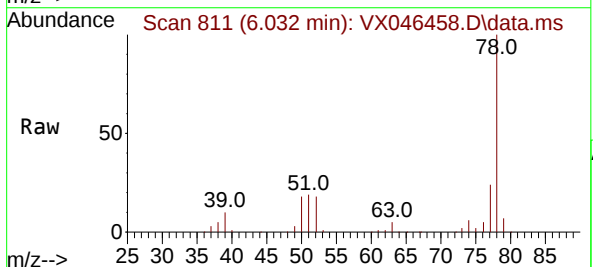
Tgt Ion: 83 Resp: 83705
Ion Ratio Lower Upper
83 100
55 83.3 64.7 97.1
98 47.6 37.4 56.2

Manual Integrations
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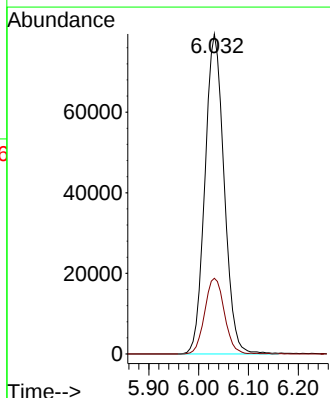
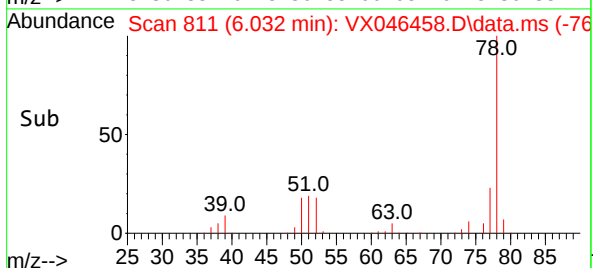
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#40
Benzene
Concen: 48.426 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03



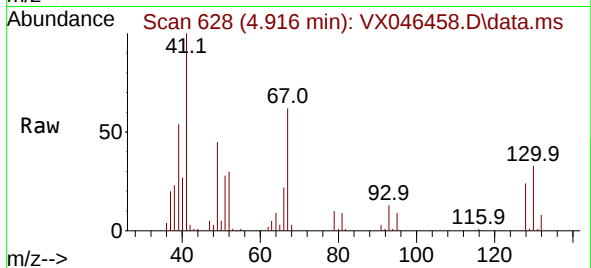
Tgt Ion: 78 Resp: 212075
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#41
Methacrylonitrile
Concen: 57.310 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

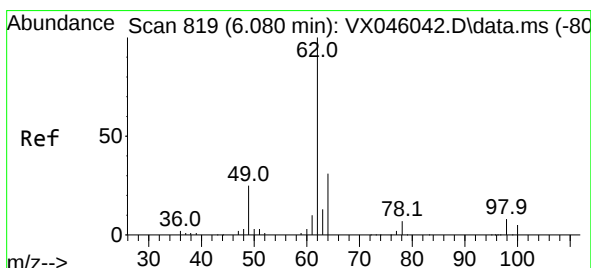
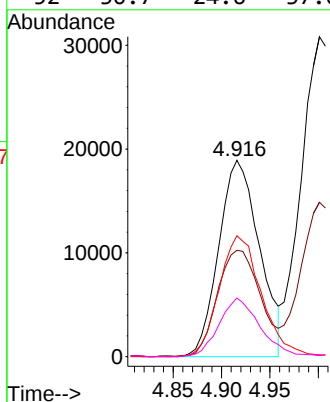
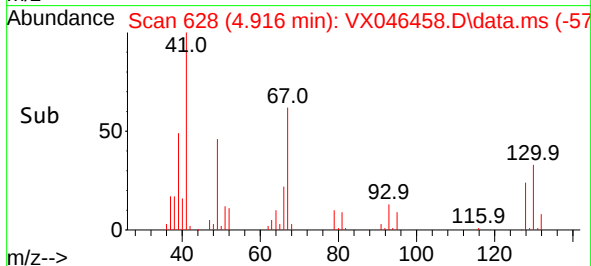
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



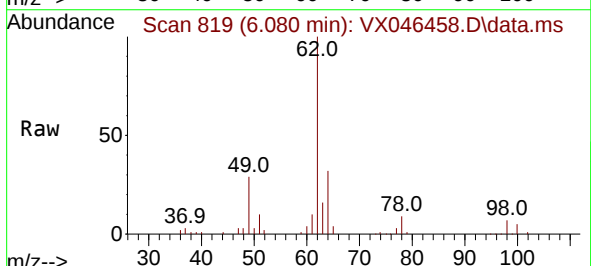
Tgt Ion: 41 Resp: 55379
Ion Ratio Lower Upper
41 100
39 57.4 47.2 70.8
67 64.0 50.7 76.1
52 30.7 24.6 37.0

Manual Integrations
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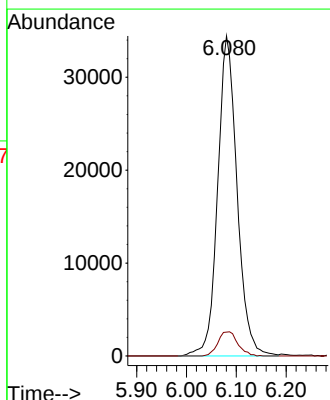
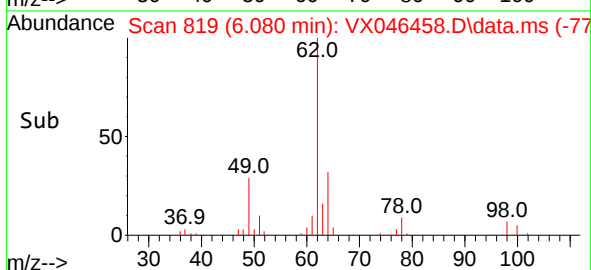
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

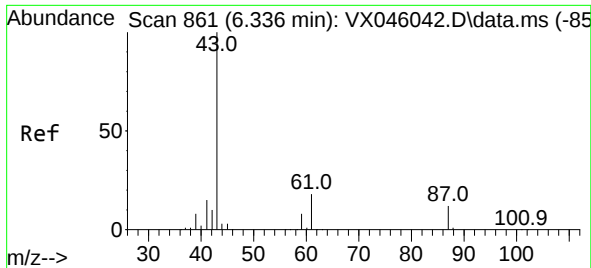


#42
1,2-Dichloroethane
Concen: 49.255 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03



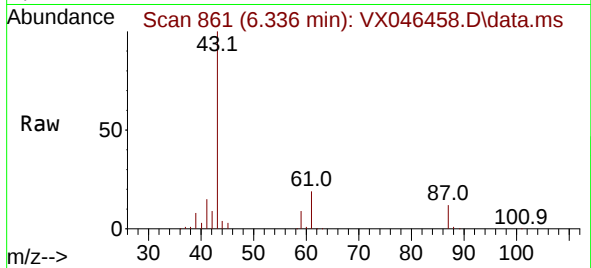
Tgt Ion: 62 Resp: 93096
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.2





#43
Isopropyl Acetate
Concen: 54.019 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

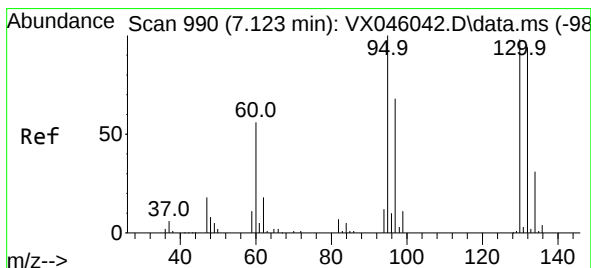
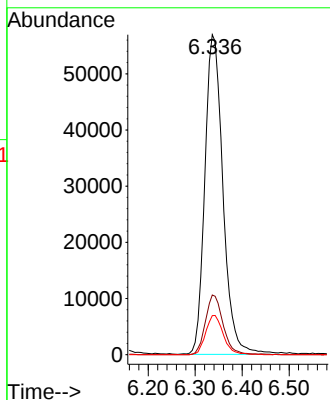
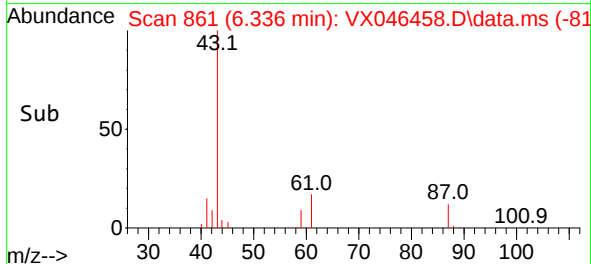
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 152230
Ion Ratio Lower Upper
43 100
61 18.1 14.3 21.5
87 12.0 9.5 14.3

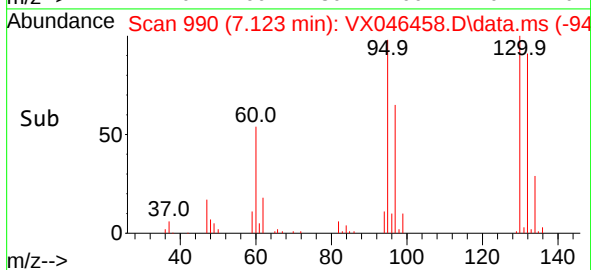
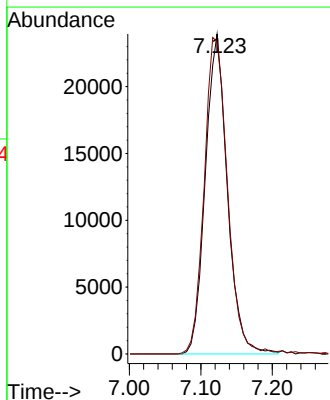
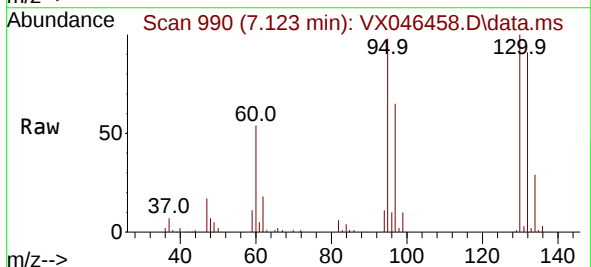
Manual Integrations
APPROVED

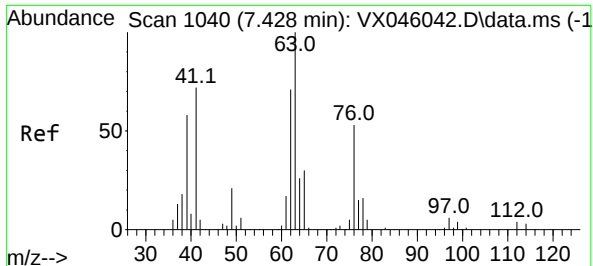
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#44
Trichloroethene
Concen: 48.572 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

Tgt Ion:130 Resp: 51197
Ion Ratio Lower Upper
130 100
95 97.5 0.0 204.2





#45

1,2-Dichloropropane

Concen: 52.633 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 5731

Ion Ratio Lower Upper

63 100

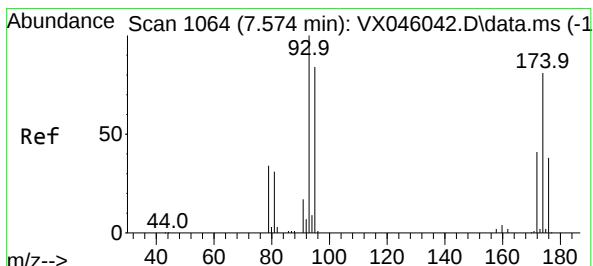
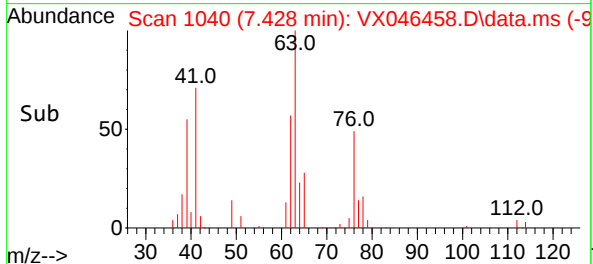
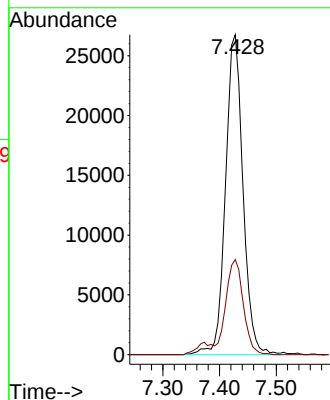
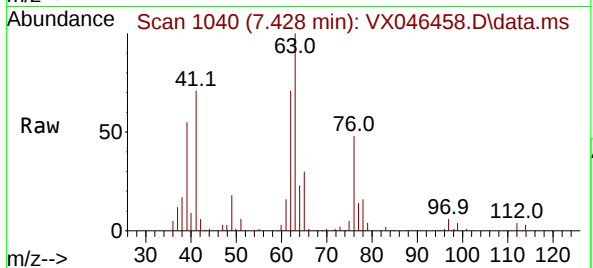
65 29.7 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#46

Dibromomethane

Concen: 49.797 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

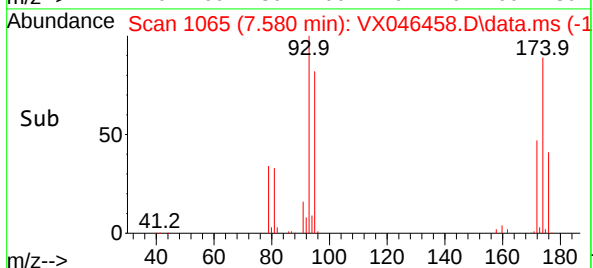
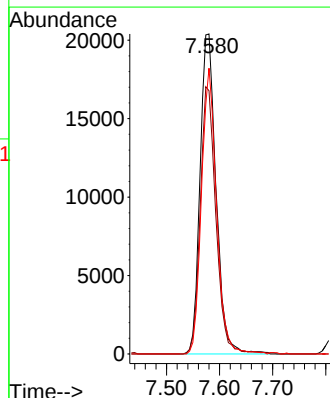
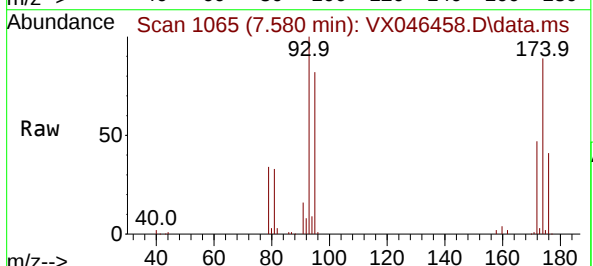
Tgt Ion: 93 Resp: 42769

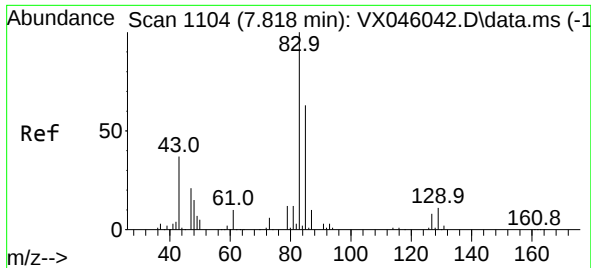
Ion Ratio Lower Upper

93 100

95 81.8 65.6 98.4

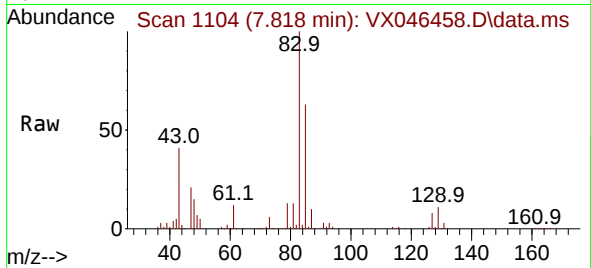
174 84.1 68.2 102.2





#47
Bromodichloromethane
Concen: 50.497 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

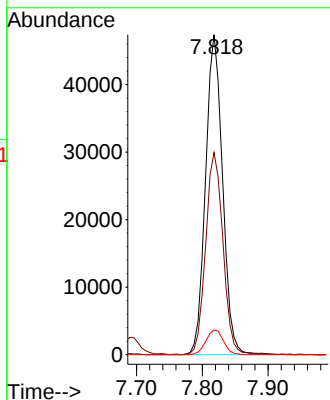
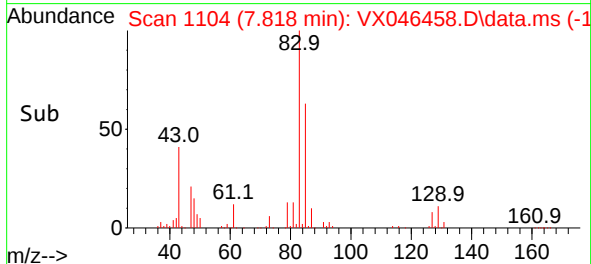
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



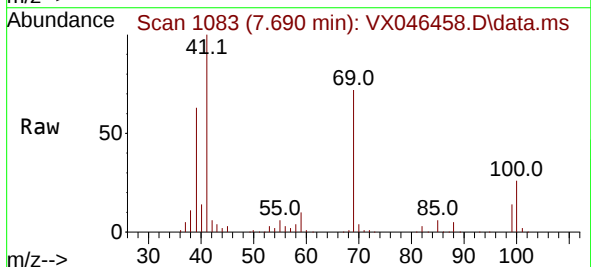
Tgt Ion: 83 Resp: 8542
Ion Ratio Lower Upper
83 100
85 63.0 50.5 75.7
127 7.7 6.5 9.7

Manual Integrations
APPROVED

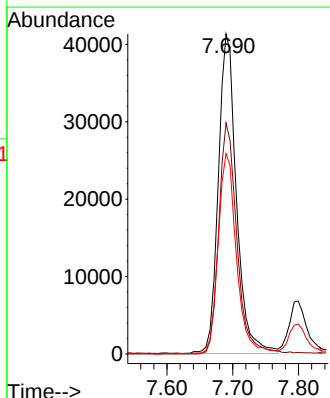
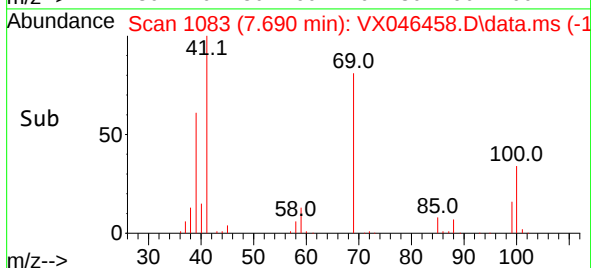
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

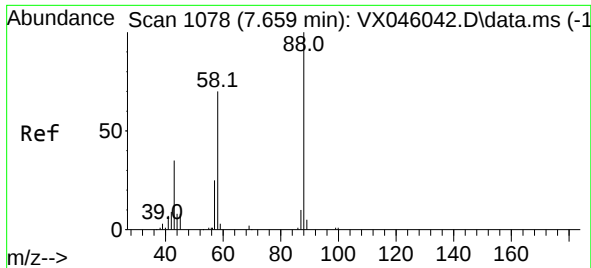


#48
Methyl methacrylate
Concen: 55.068 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03



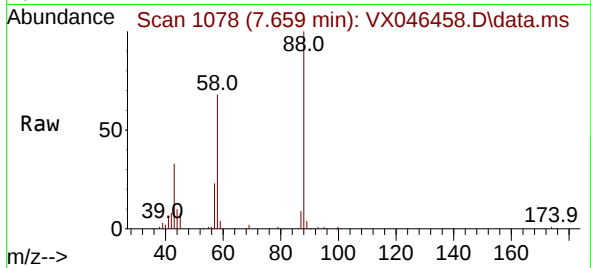
Tgt Ion: 41 Resp: 79255
Ion Ratio Lower Upper
41 100
69 72.1 58.5 87.7
39 62.9 51.7 77.5





#49
1,4-Dioxane
Concen: 1126.957 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

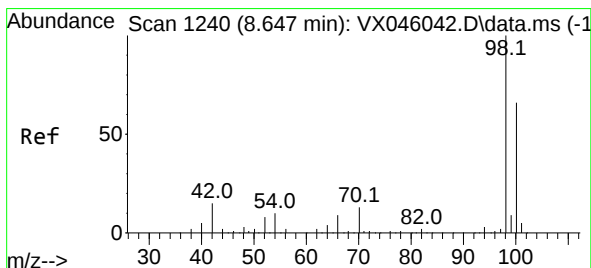
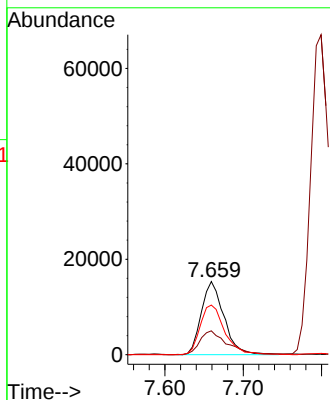
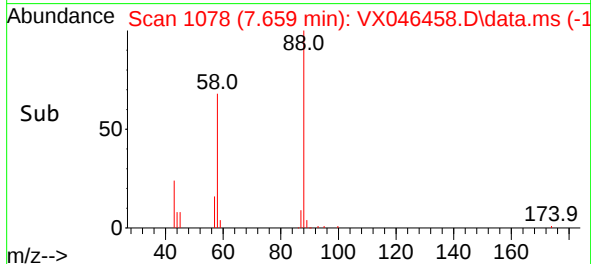
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 30790
Ion Ratio Lower Upper
88 100
43 39.8 33.4 50.2
58 73.3 58.6 88.0

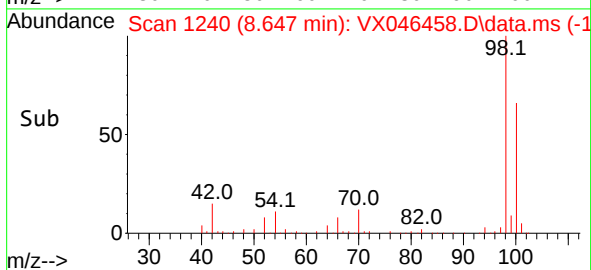
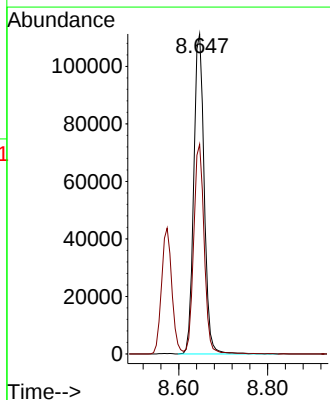
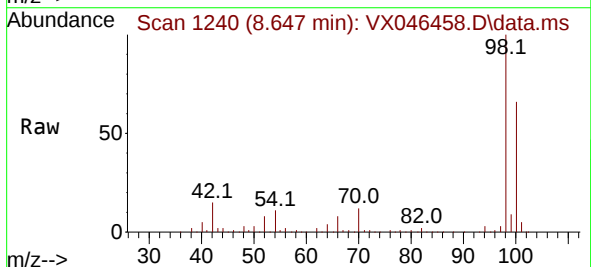
Manual Integrations
APPROVED

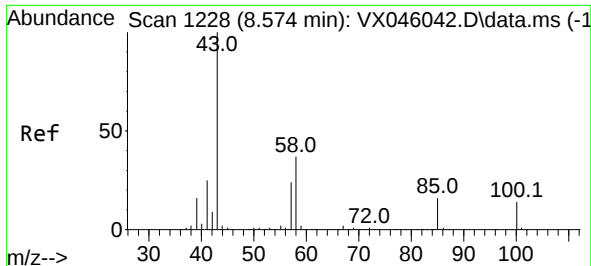
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#50
Toluene-d8
Concen: 46.953 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

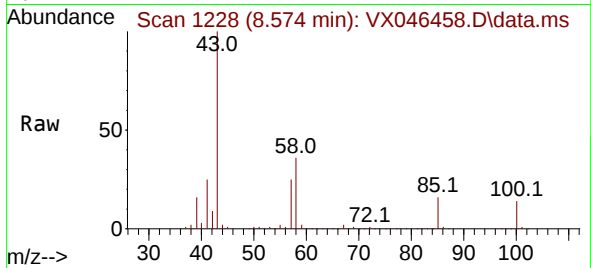
Tgt Ion: 98 Resp: 180839
Ion Ratio Lower Upper
98 100
100 65.6 53.5 80.3





#51
4-Methyl-2-Pentanone
Concen: 275.521 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

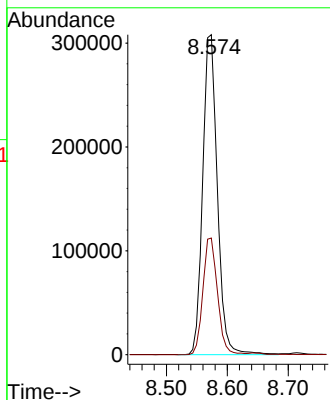
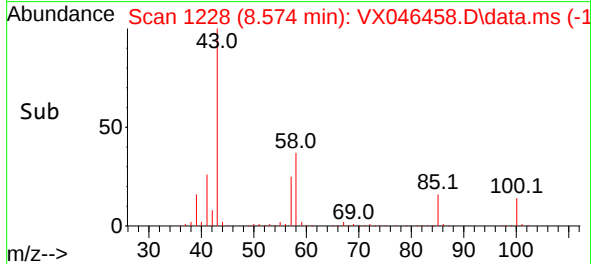
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 51538
Ion Ratio Lower Upper
43 100
58 36.2 28.9 43.3

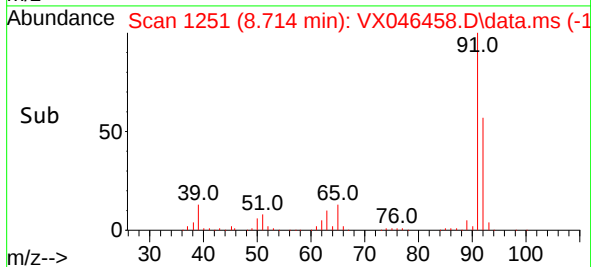
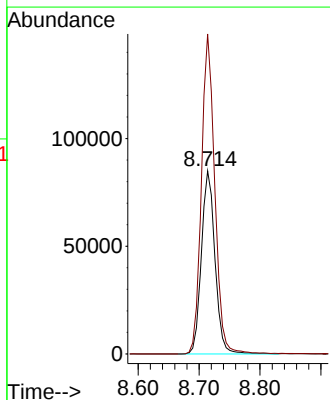
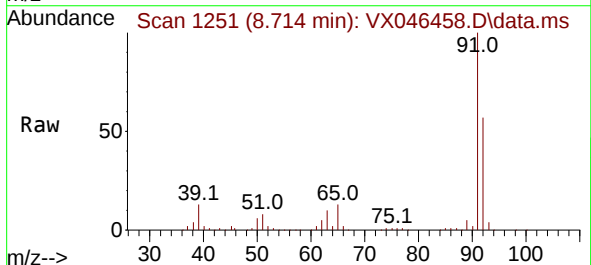
Manual Integrations
APPROVED

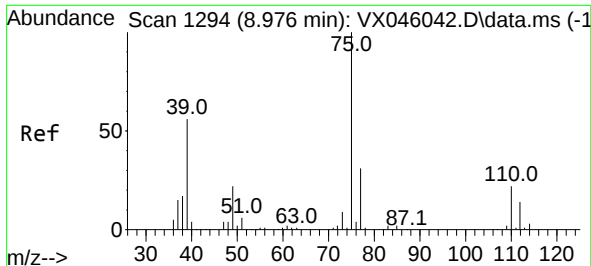
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#52
Toluene
Concen: 49.167 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

Tgt Ion: 92 Resp: 132032
Ion Ratio Lower Upper
92 100
91 172.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 49.452 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 7435

Ion Ratio Lower Upper

75 100

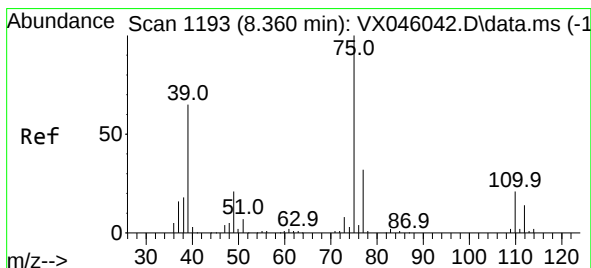
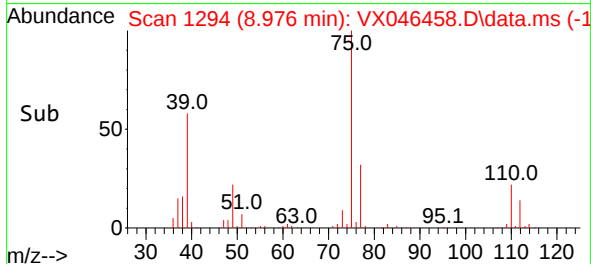
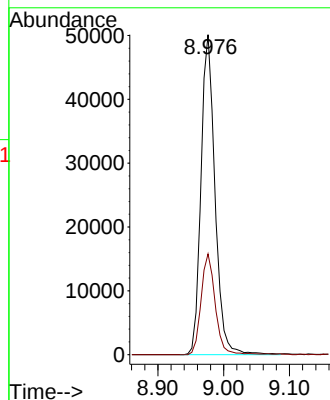
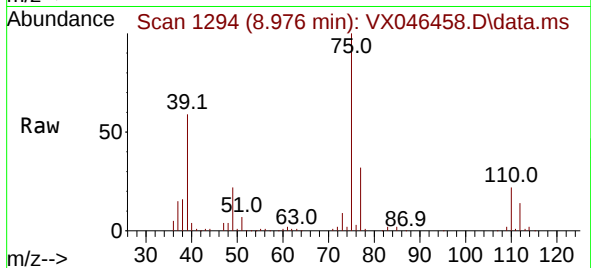
77 31.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#54

cis-1,3-Dichloropropene

Concen: 50.091 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

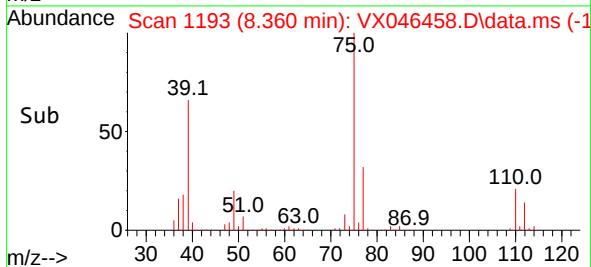
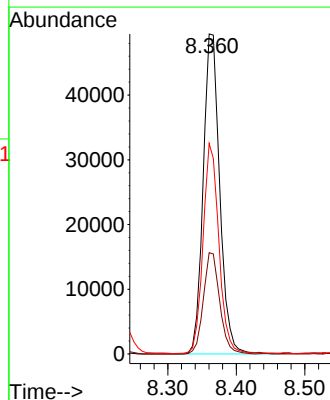
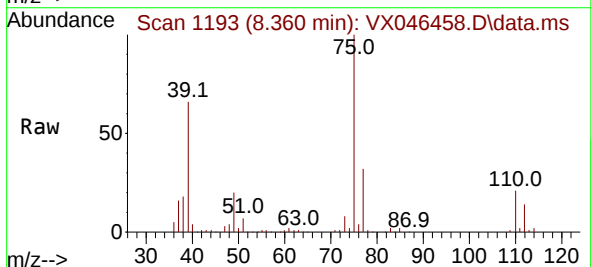
Tgt Ion: 75 Resp: 83244

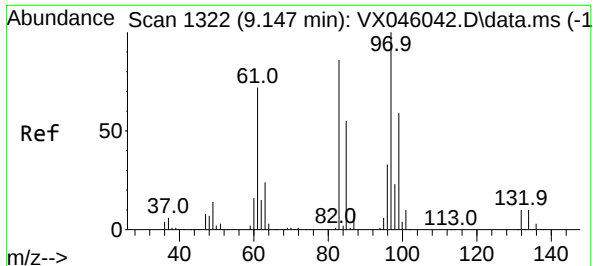
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

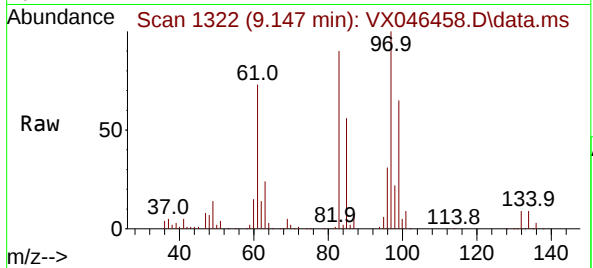
39 65.6 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 52.649 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

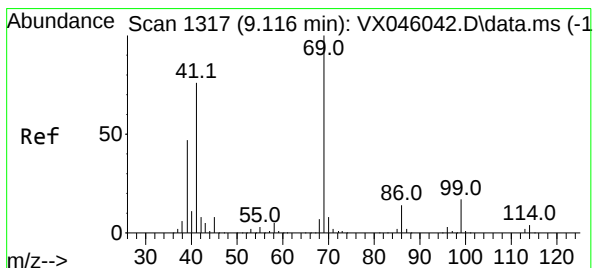
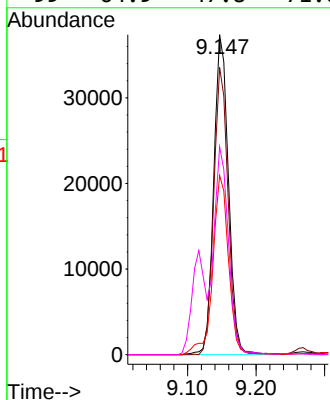
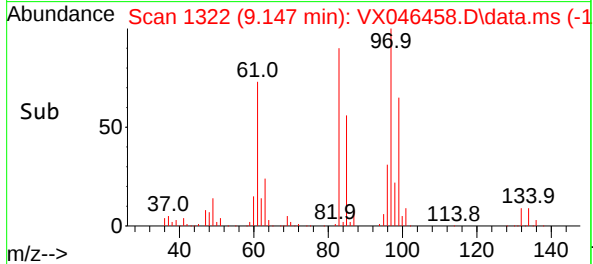
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



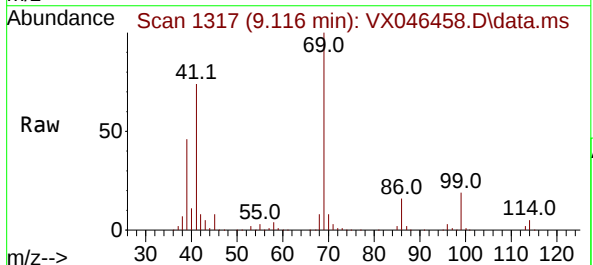
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.8	69.0	103.6
85	56.0	44.3	66.5
99	64.9	47.8	71.6

Manual Integrations
APPROVED

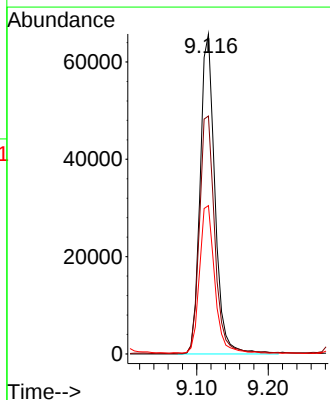
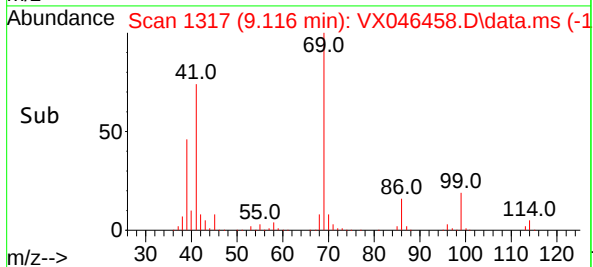
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

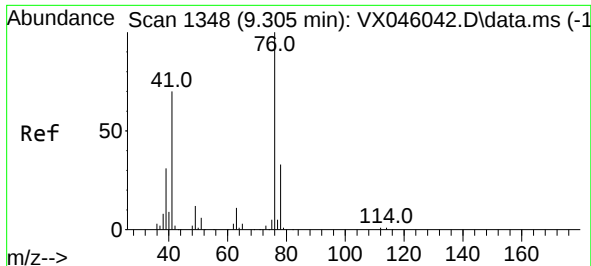


#56
Ethyl methacrylate
Concen: 56.063 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03



Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.3	60.8	91.2
39	47.7	39.0	58.6





#57

1,3-Dichloropropane

Concen: 50.930 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 96849

Ion Ratio Lower Upper

76 100

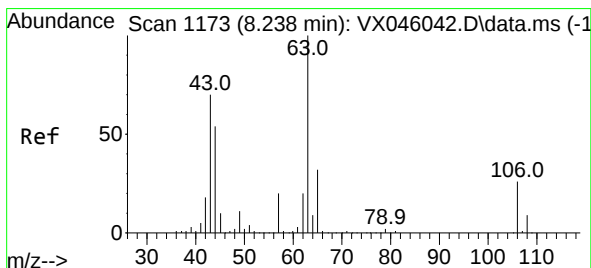
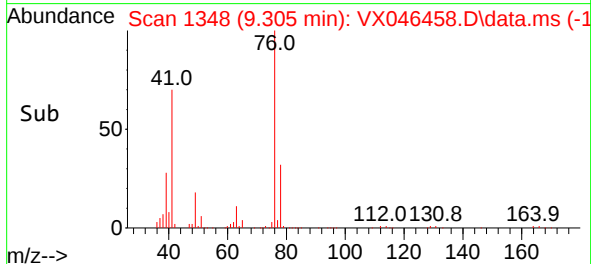
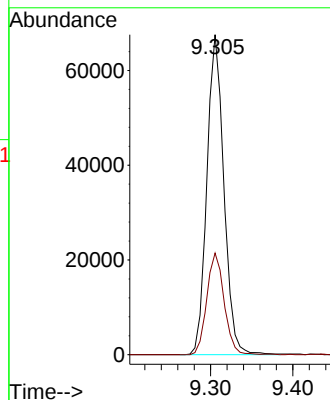
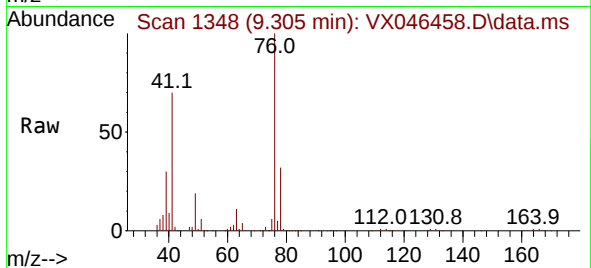
78 32.4 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 269.192 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX046458.D

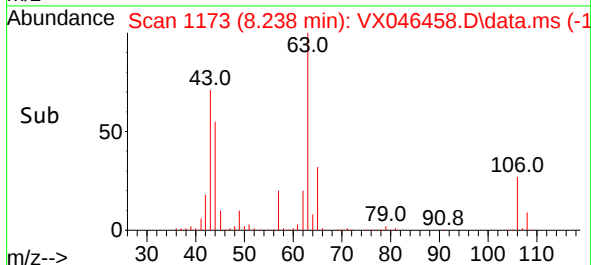
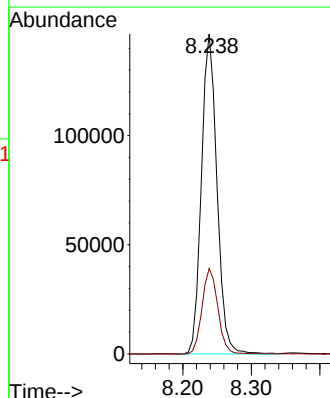
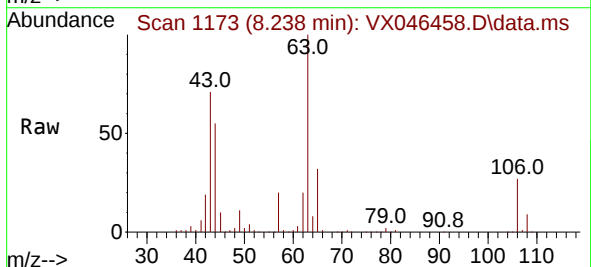
Acq: 02 Jun 2025 21:03

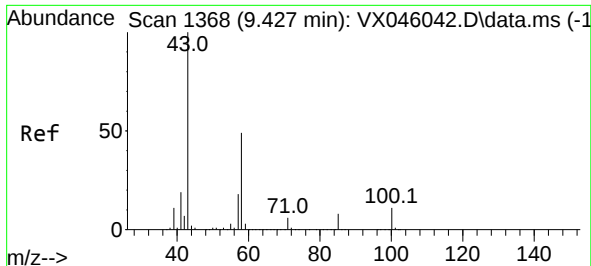
Tgt Ion: 63 Resp: 231600

Ion Ratio Lower Upper

63 100

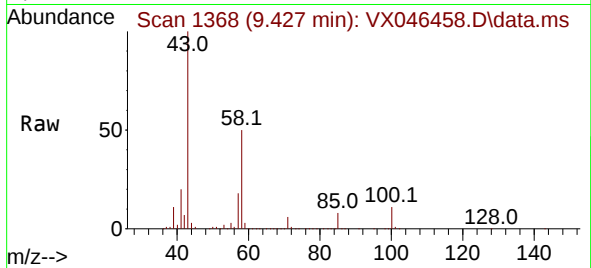
106 27.0 21.5 32.3





#59
2-Hexanone
Concen: 281.324 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

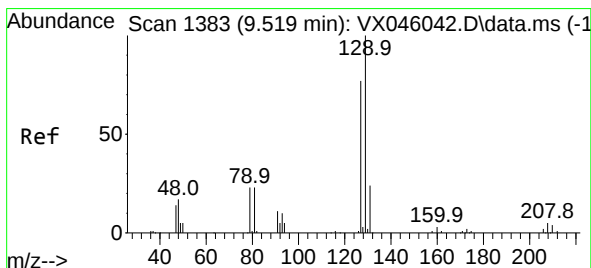
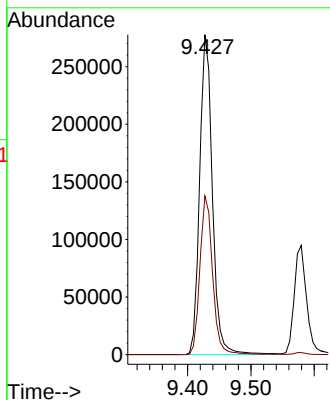
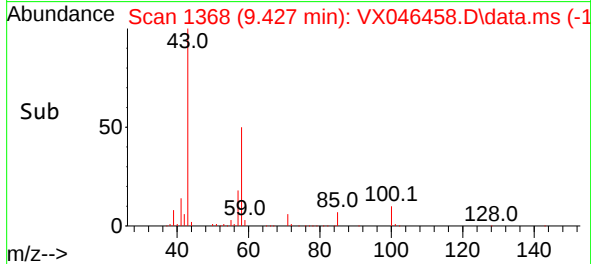
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 38933
Ion Ratio Lower Upper
43 100
58 49.7 24.9 74.6

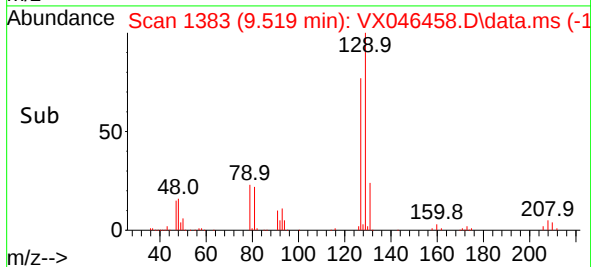
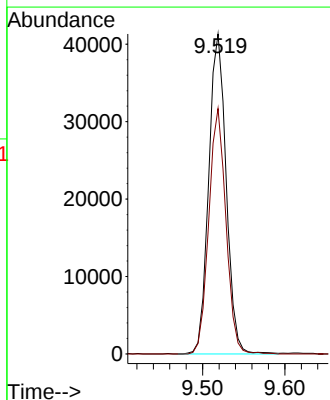
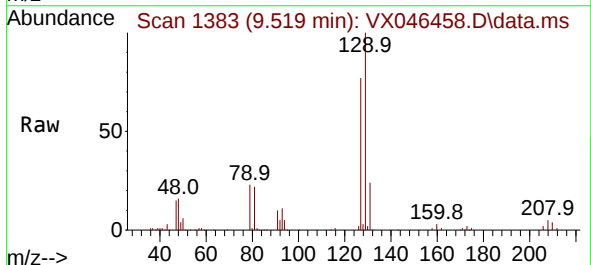
Manual Integrations
APPROVED

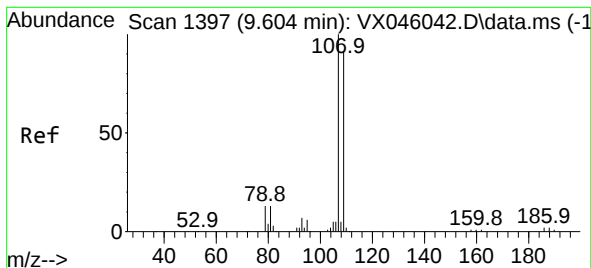
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#60
Dibromochloromethane
Concen: 52.395 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

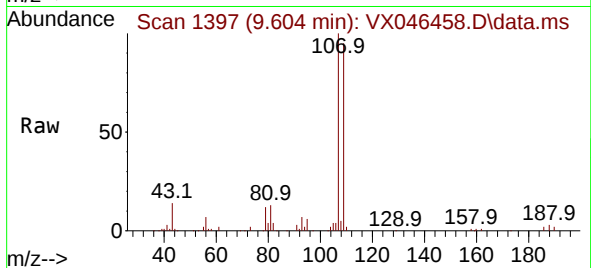
Tgt Ion:129 Resp: 60928
Ion Ratio Lower Upper
129 100
127 75.5 39.3 117.8





#61
1,2-Dibromoethane
Concen: 51.071 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

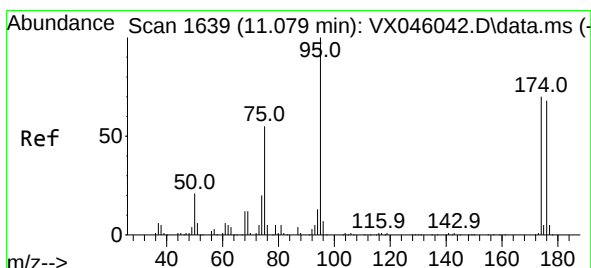
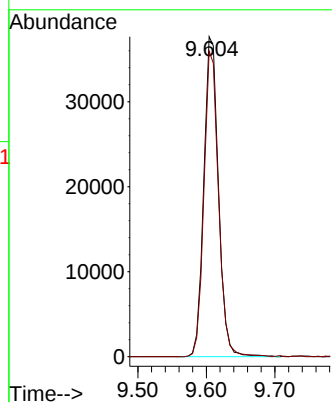
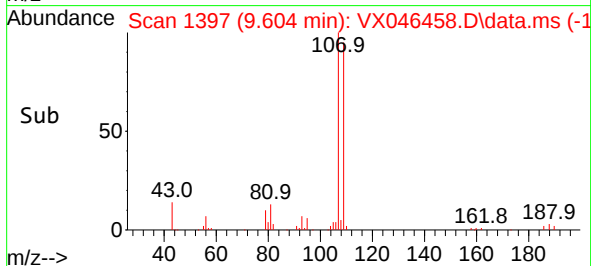
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 5620
Ion Ratio Lower Upper
107 100
109 94.7 73.3 109.9

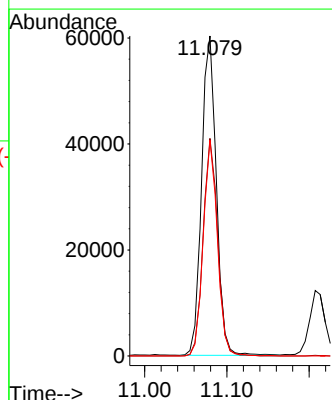
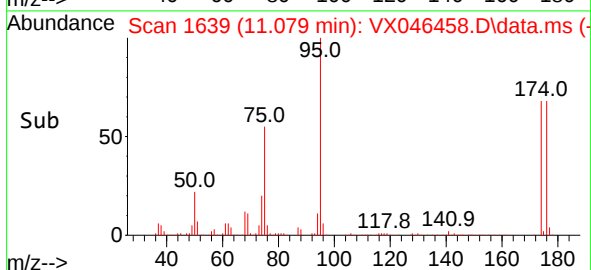
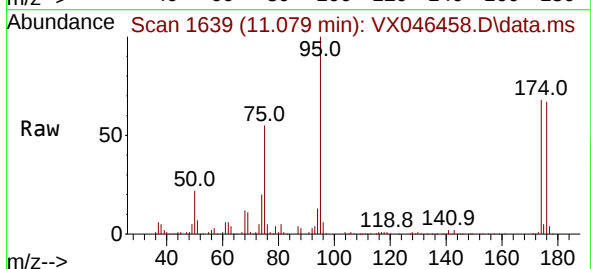
Manual Integrations
APPROVED

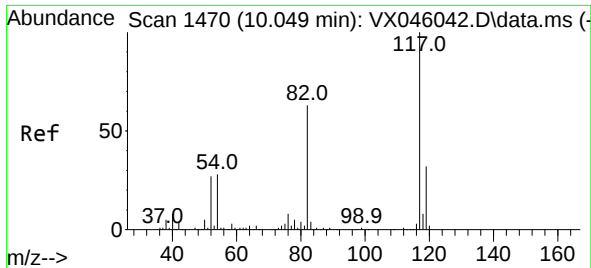
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#62
4-Bromofluorobenzene
Concen: 50.852 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

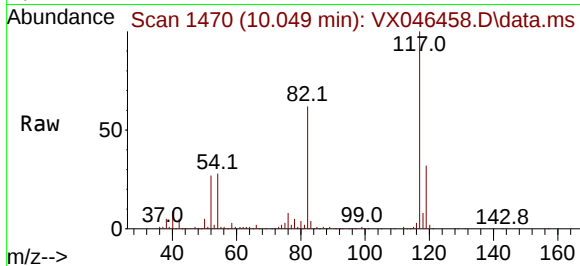
Tgt Ion: 95 Resp: 75128
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 64.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

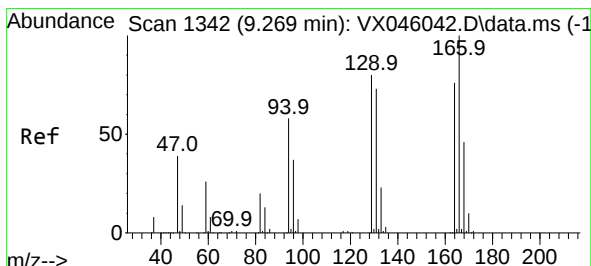
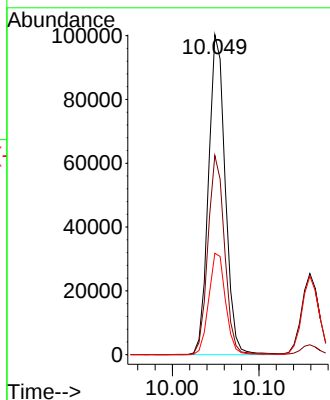
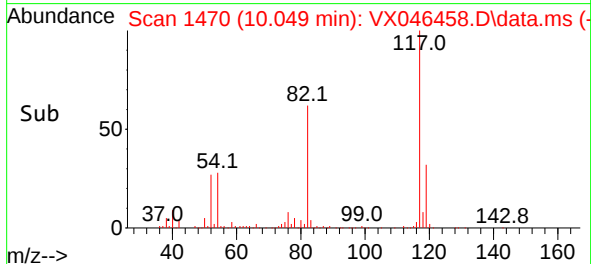
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 13461
Ion Ratio Lower Upper
117 100
82 62.1 50.6 76.0
119 31.7 25.8 38.6

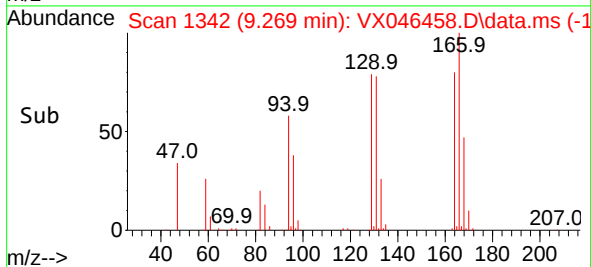
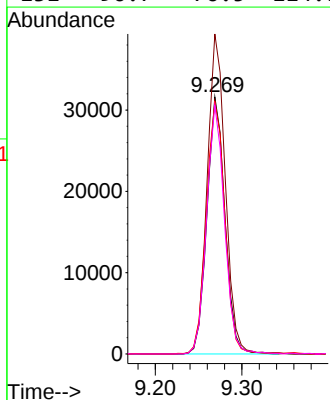
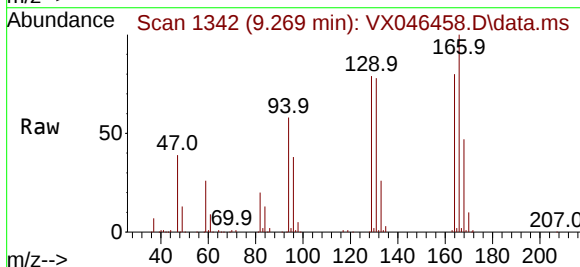
Manual Integrations
APPROVED

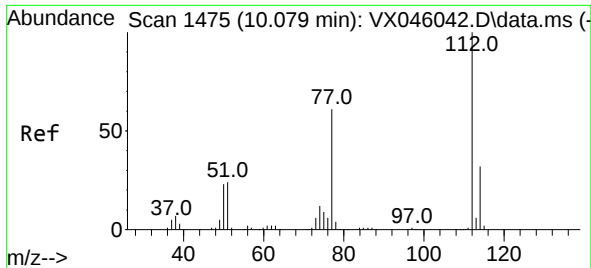
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#64
Tetrachloroethene
Concen: 47.781 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

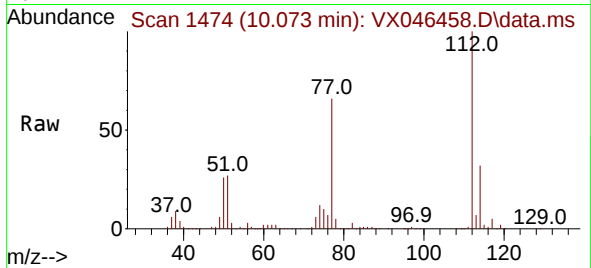
Tgt Ion:164 Resp: 45508
Ion Ratio Lower Upper
164 100
166 124.6 105.0 157.6
129 98.1 83.5 125.3
131 96.7 76.5 114.7





#65
Chlorobenzene
Concen: 49.144 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

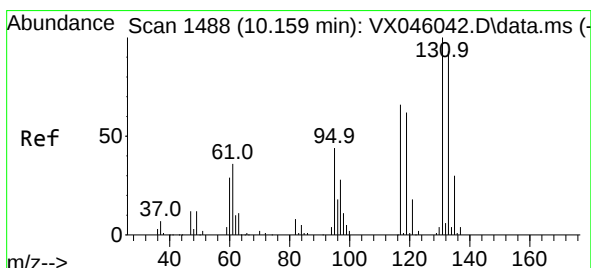
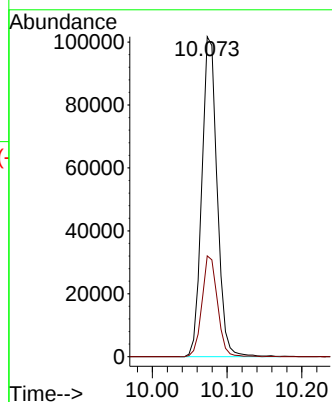
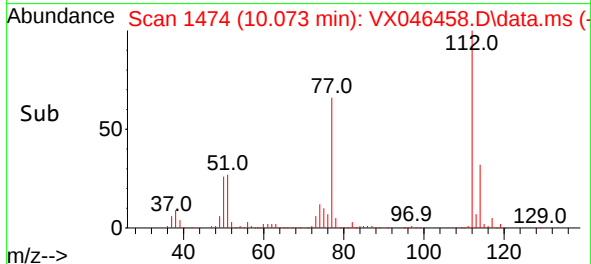
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 144794
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

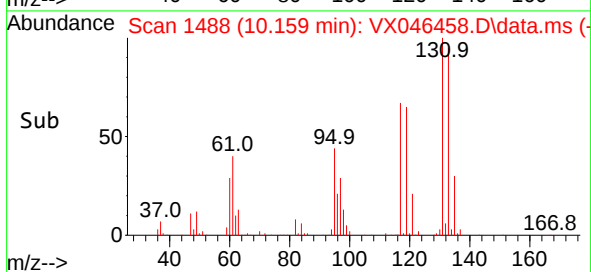
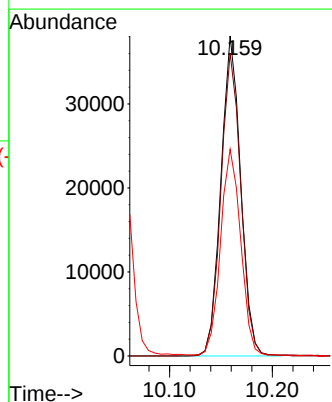
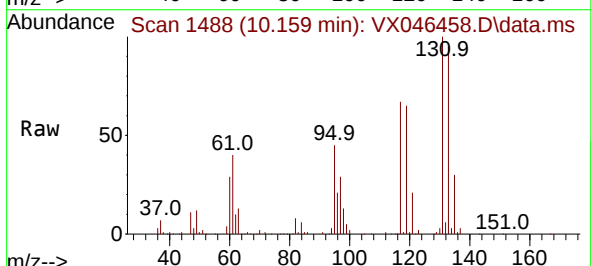
Manual Integrations
APPROVED

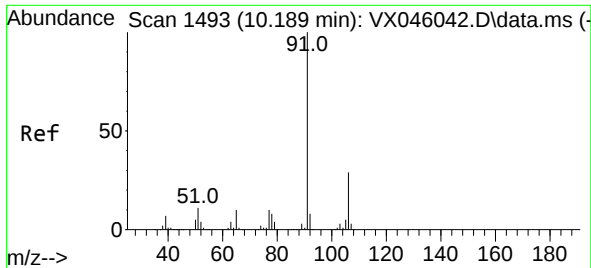
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.522 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

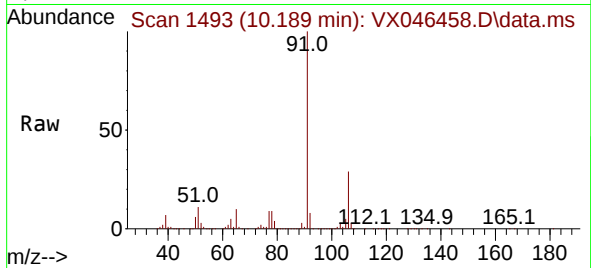
Tgt Ion:131 Resp: 50829
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.9
119 66.6 31.6 95.0





#67
Ethyl Benzene
Concen: 51.258 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

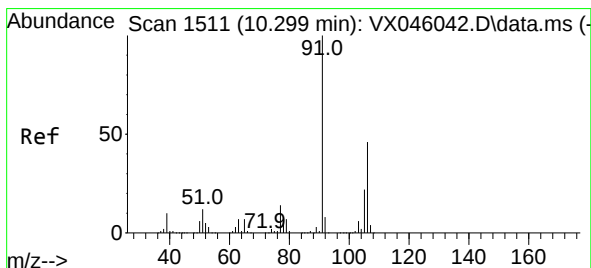
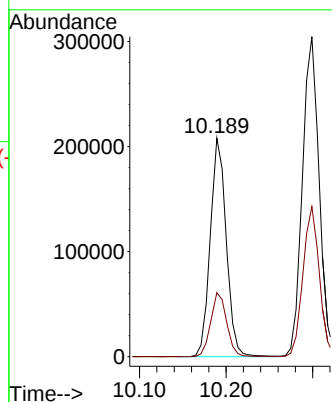
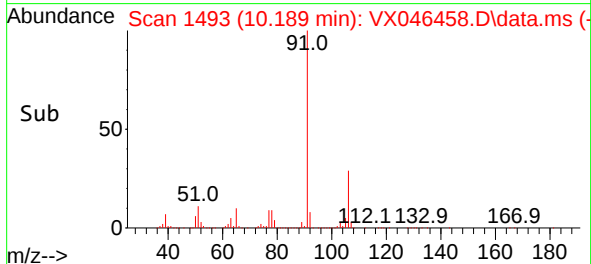
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



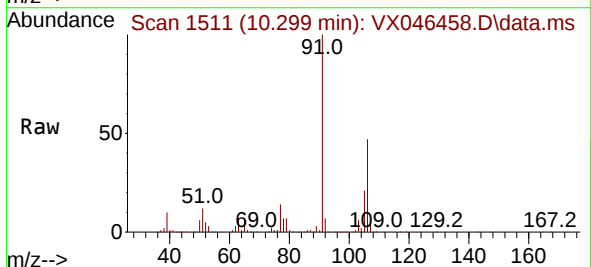
Tgt Ion: 91 Resp: 266210
Ion Ratio Lower Upper
91 100
106 29.2 23.4 35.2

Manual Integrations
APPROVED

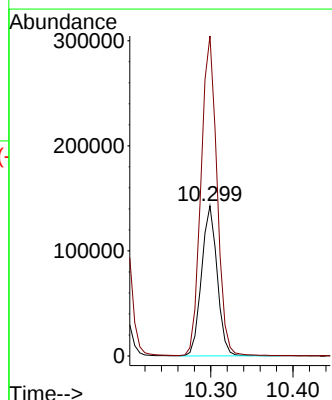
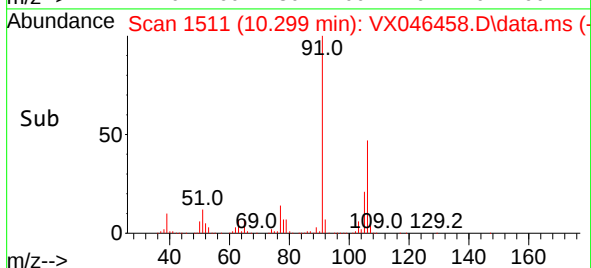
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

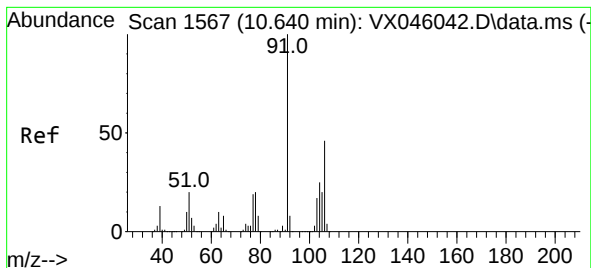


#68
m/p-Xylenes
Concen: 99.248 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03



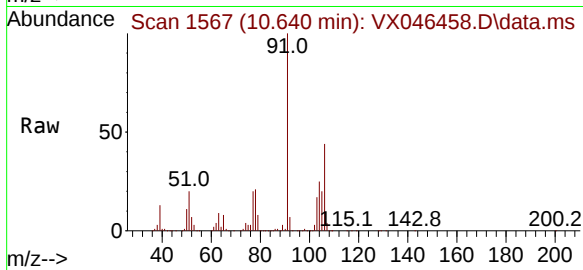
Tgt Ion:106 Resp: 188522
Ion Ratio Lower Upper
106 100
91 218.0 171.2 256.8





#69
o-Xylene
Concen: 52.391 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

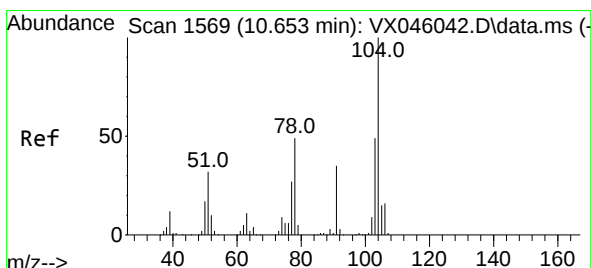
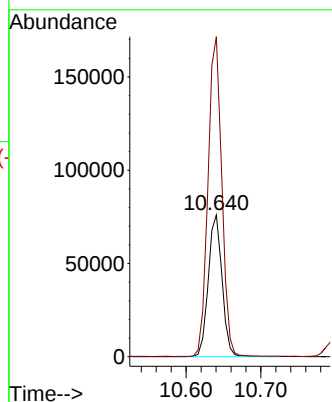
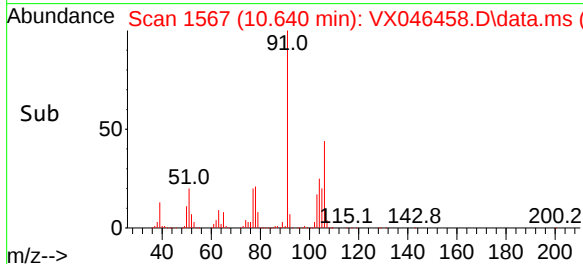
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 97019
Ion Ratio Lower Upper
106 100
91 226.9 112.7 338.1

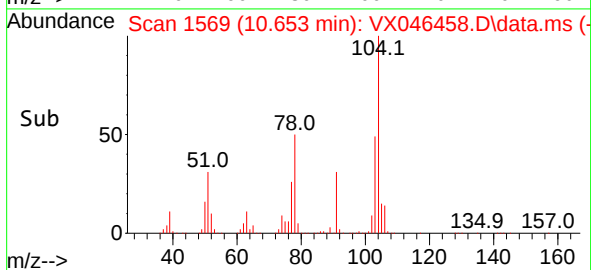
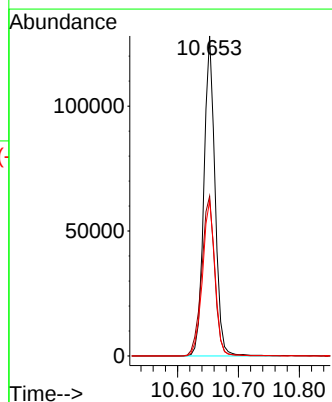
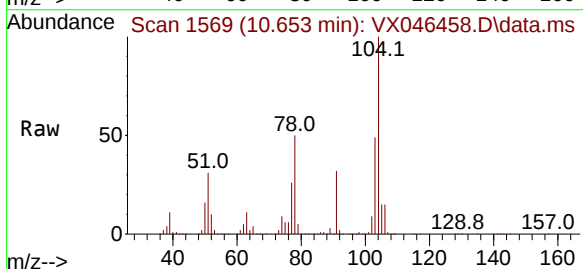
Manual Integrations
APPROVED

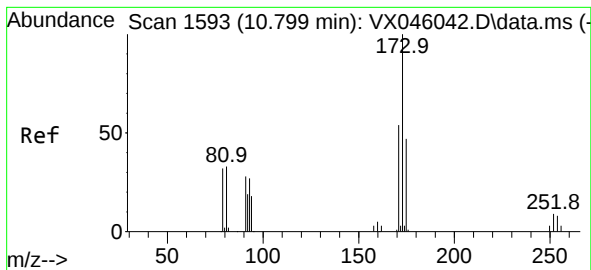
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#70
Styrene
Concen: 53.584 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

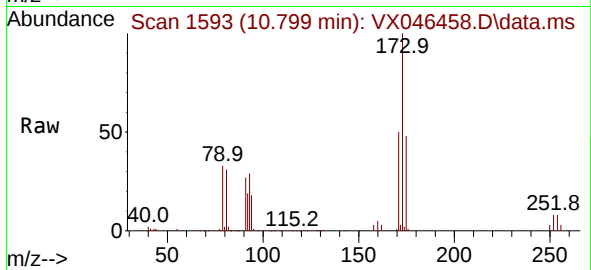
Tgt Ion:104 Resp: 162549
Ion Ratio Lower Upper
104 100
78 58.5 45.7 68.5
103 54.5 43.7 65.5





#71
Bromoform
Concen: 49.821 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

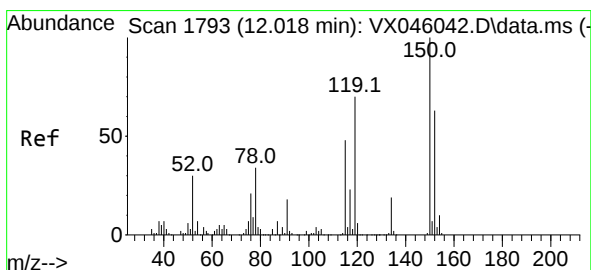
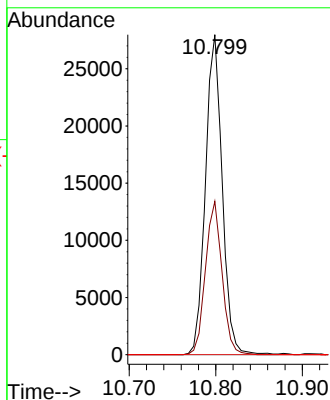
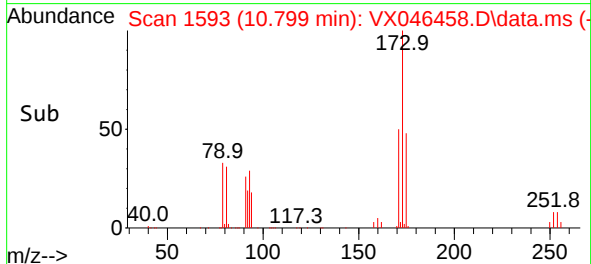
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 37632
Ion Ratio Lower Upper
173 100
175 47.4 23.4 70.0
254 0.0 0.0 0.0

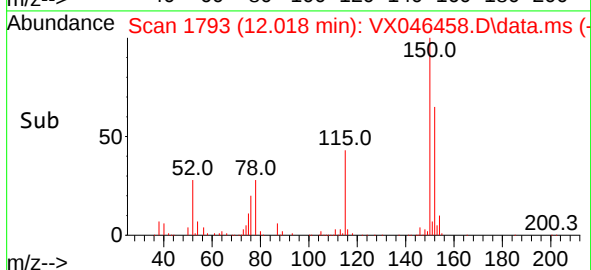
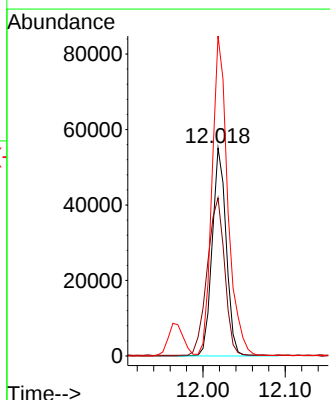
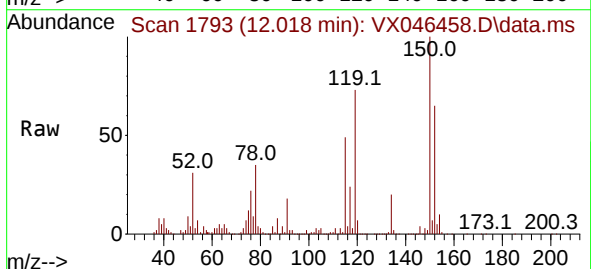
Manual Integrations
APPROVED

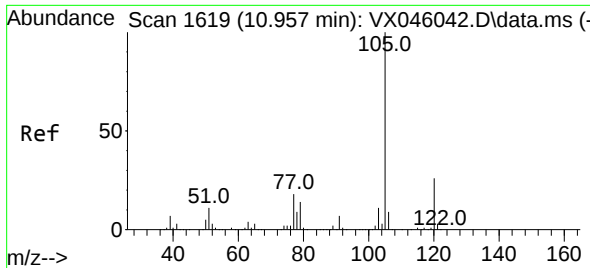
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

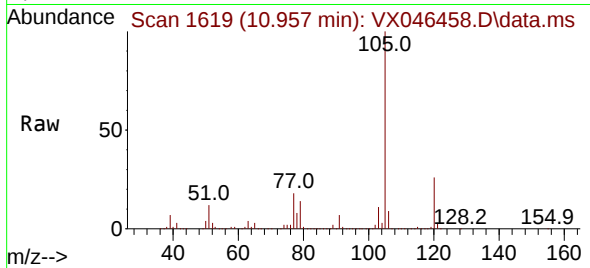
Tgt Ion:152 Resp: 65250
Ion Ratio Lower Upper
152 100
115 93.5 46.9 140.7
150 172.3 0.0 351.0





#73
Isopropylbenzene
Concen: 50.573 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

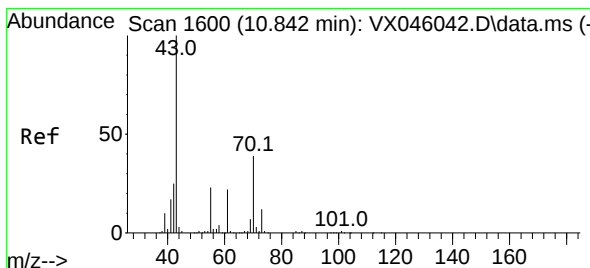
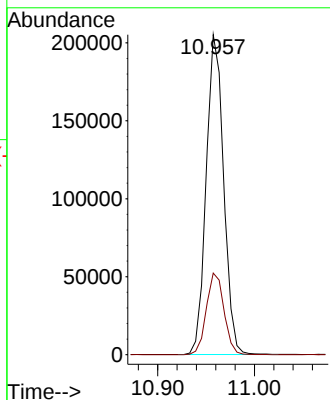
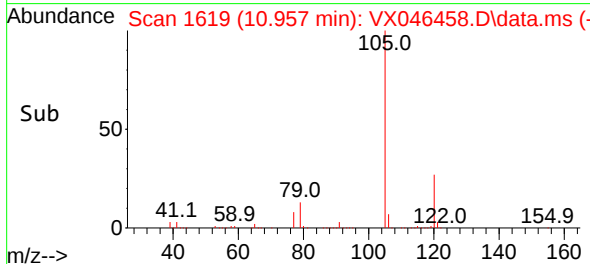
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



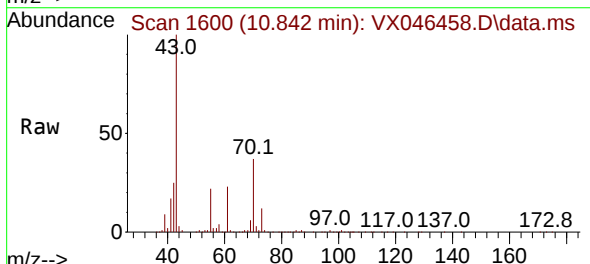
Tgt Ion:105 Resp: 256908
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

Manual Integrations
APPROVED

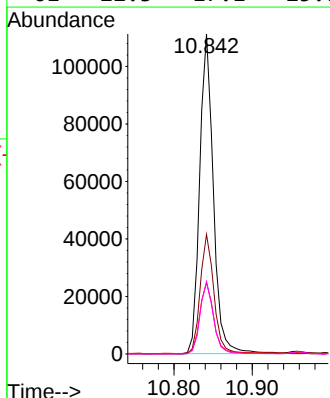
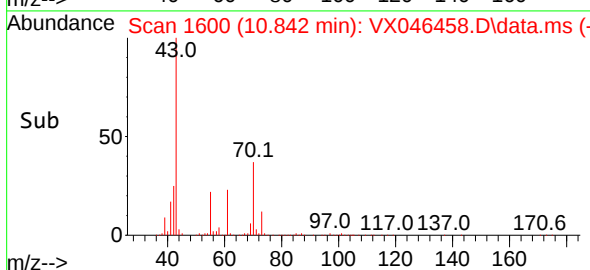
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

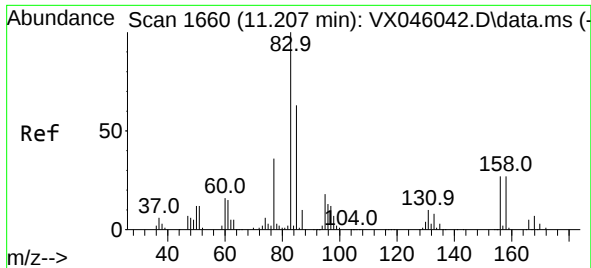


#74
N-ethyl acetate
Concen: 53.845 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03



Tgt Ion: 43 Resp: 135161
Ion Ratio Lower Upper
43 100
70 37.7 30.9 46.3
55 22.7 18.7 28.1
61 22.3 17.1 25.7





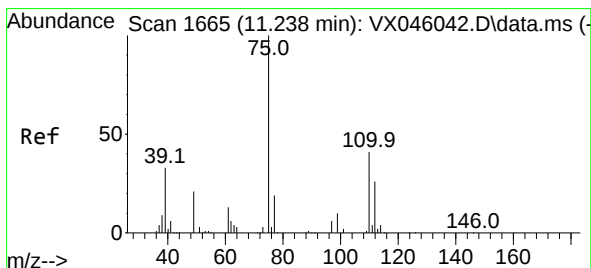
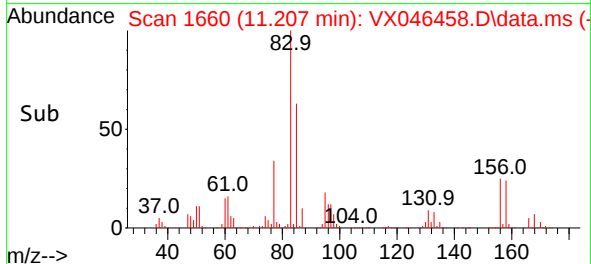
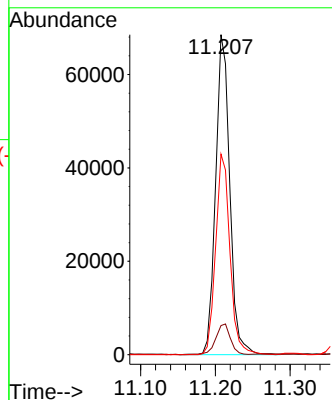
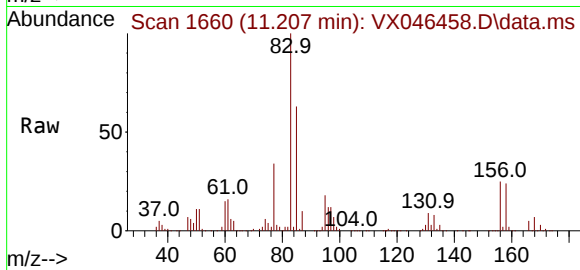
#75
1,1,2,2-Tetrachloroethane
Concen: 50.641 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 90150
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 63.3 31.9 95.7

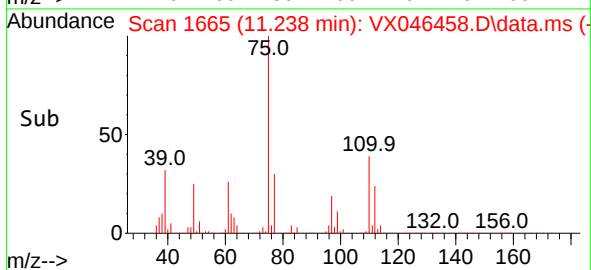
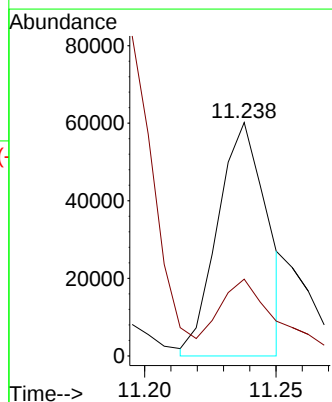
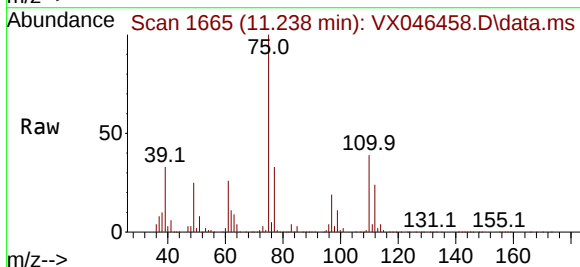
Manual Integrations
APPROVED

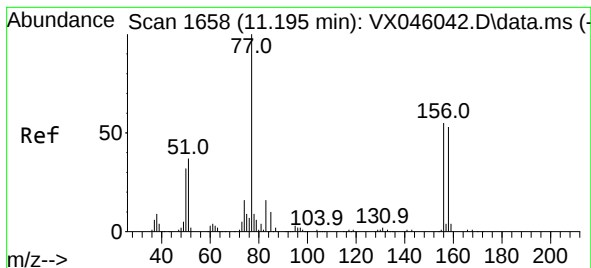
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#76
1,2,3-Trichloropropane
Concen: 50.006 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

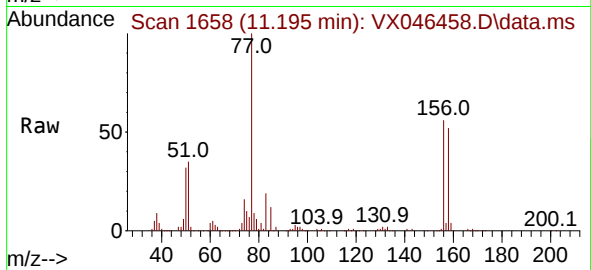
Tgt Ion: 75 Resp: 78539
Ion Ratio Lower Upper
75 100
77 39.3 20.5 61.5





#77
Bromobenzene
Concen: 50.020 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

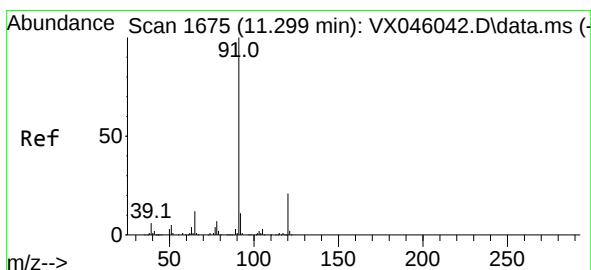
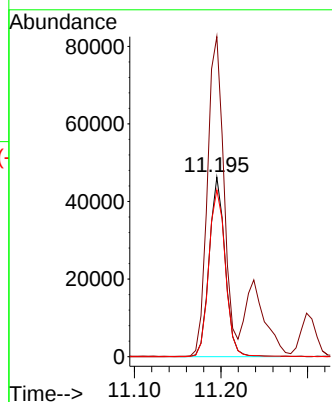
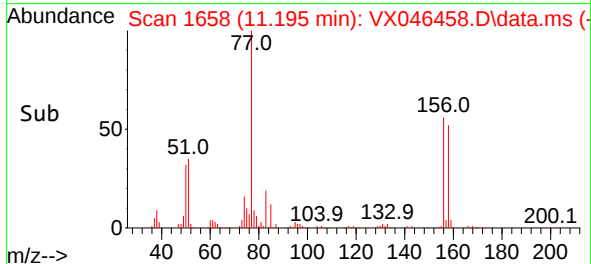
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



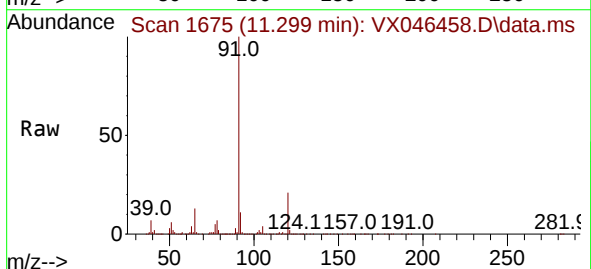
Tgt Ion:156 Resp: 58992
Ion Ratio Lower Upper
156 100
77 184.6 92.8 278.3
158 97.7 48.8 146.3

Manual Integrations
APPROVED

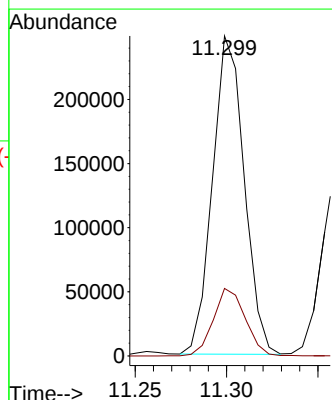
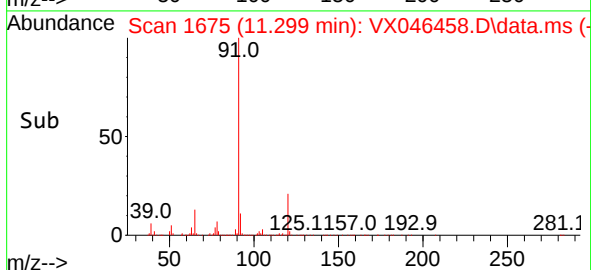
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

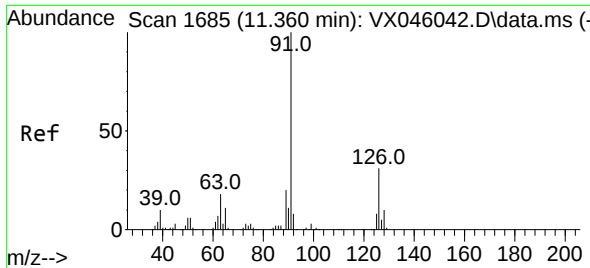


#78
n-propylbenzene
Concen: 50.686 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03



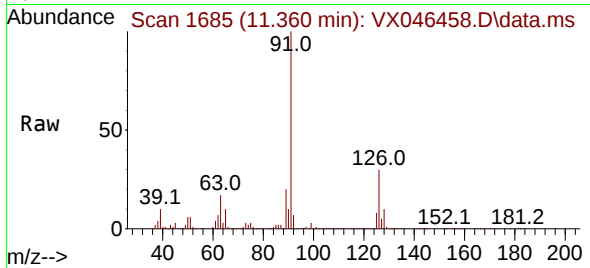
Tgt Ion: 91 Resp: 299383
Ion Ratio Lower Upper
91 100
120 21.5 10.8 32.4





#79
2-Chlorotoluene
Concen: 49.139 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

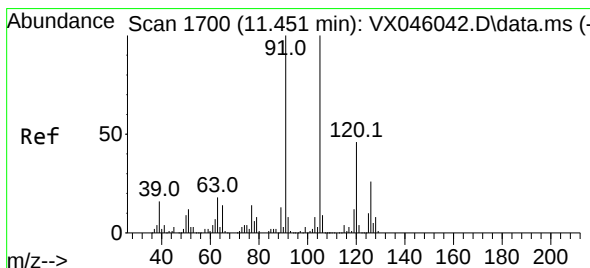
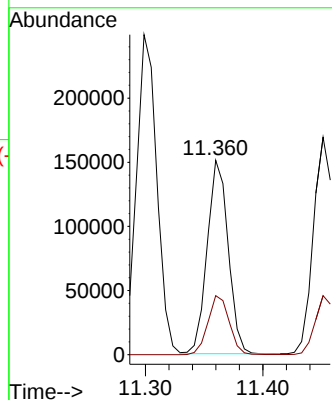
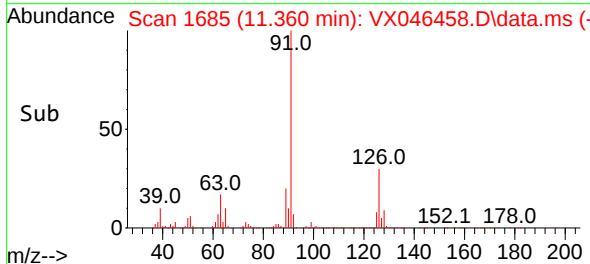
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



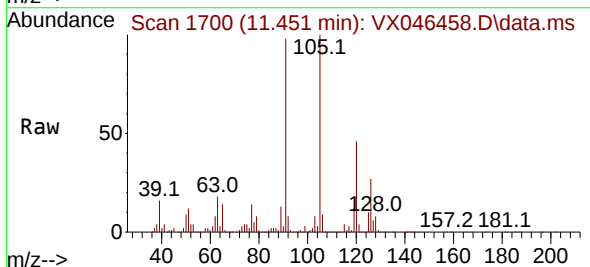
Tgt Ion: 91 Resp: 187210
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.7

Manual Integrations
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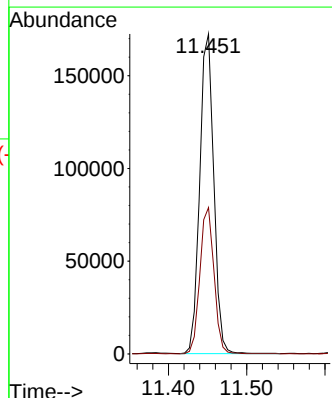
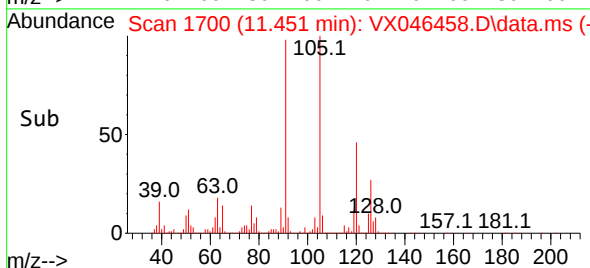
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

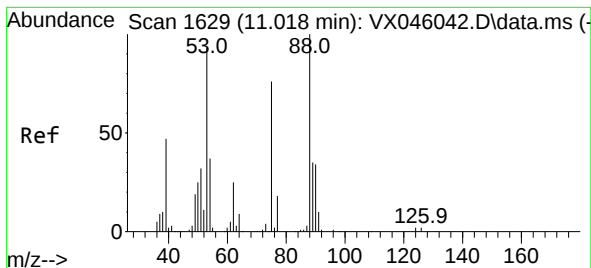


#80
1,3,5-Trimethylbenzene
Concen: 50.692 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03



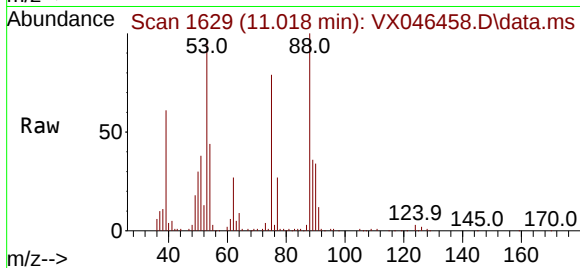
Tgt Ion:105 Resp: 215134
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 46.532 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

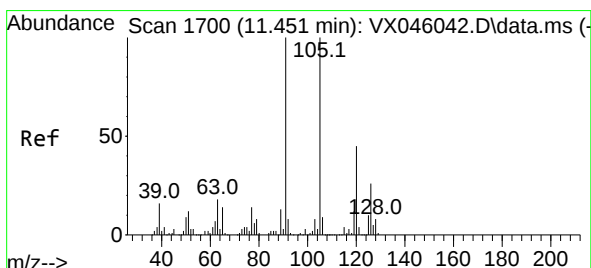
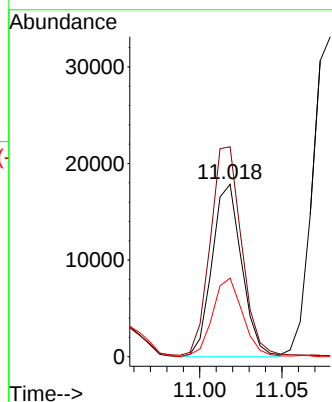
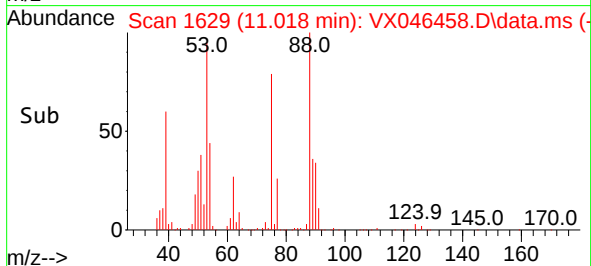
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 22448
Ion Ratio Lower Upper
75 100
53 127.3 100.5 150.7
89 46.2 37.0 55.6

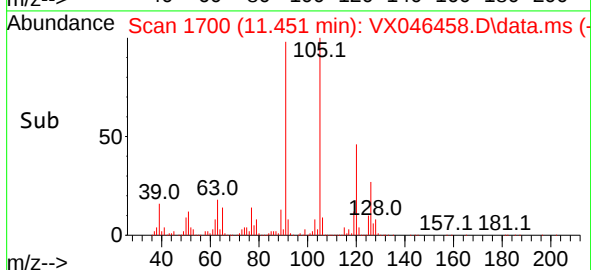
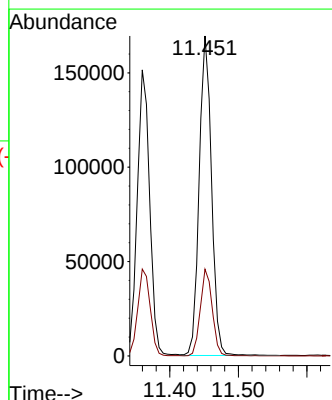
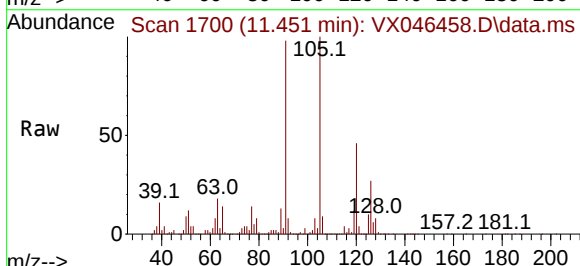
Manual Integrations
APPROVED

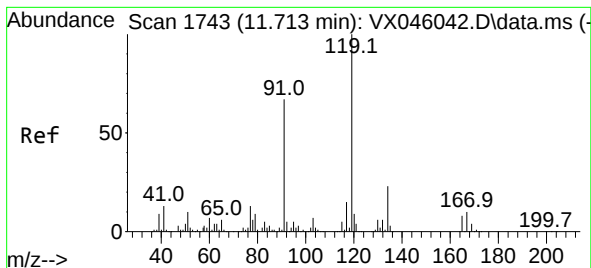
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#82
4-Chlorotoluene
Concen: 50.116 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

Tgt Ion: 91 Resp: 211736
Ion Ratio Lower Upper
91 100
126 26.3 13.3 39.8





#83

tert-Butylbenzene

Concen: 50.837 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 21731

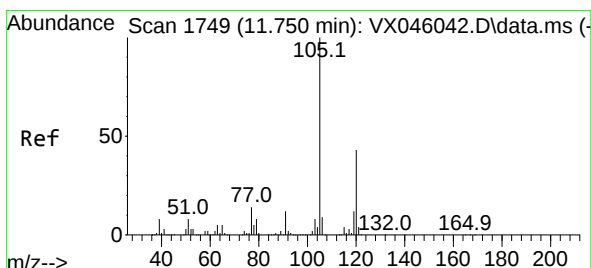
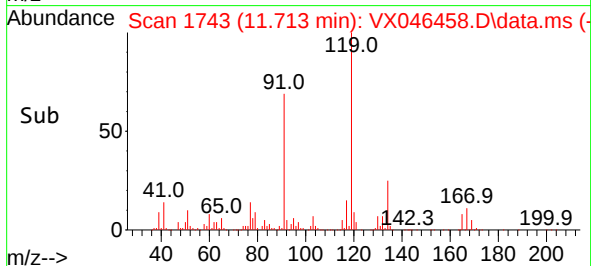
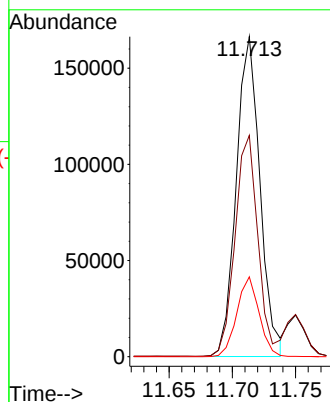
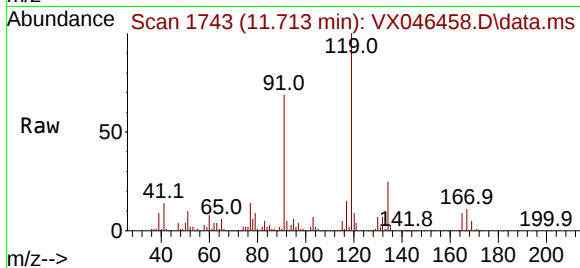
Ion	Ratio	Lower	Upper
119	100		
91	65.8	32.9	98.7
134	23.5	11.4	34.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.371 ug/l

RT: 11.750 min Scan# 1749

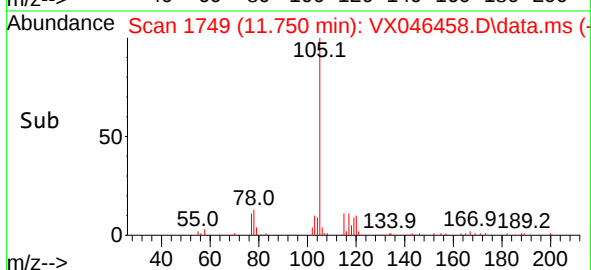
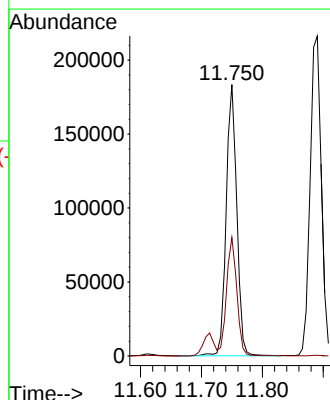
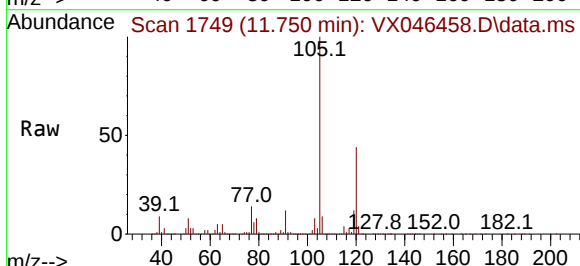
Delta R.T. 0.000 min

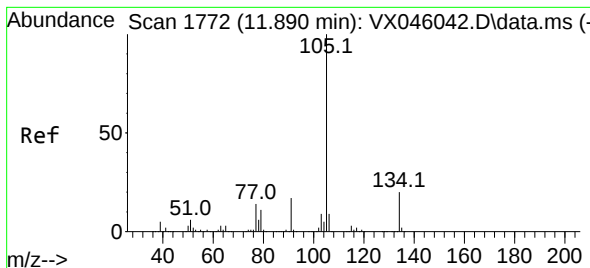
Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Tgt Ion:105 Resp: 220780

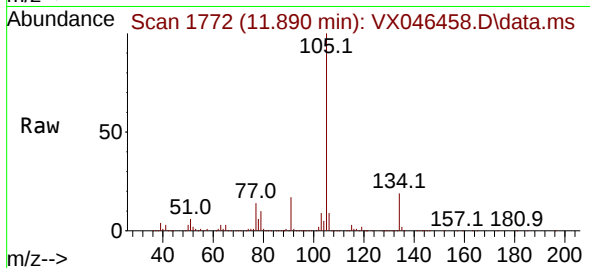
Ion	Ratio	Lower	Upper
105	100		
120	42.6	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 52.466 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046458.D
 Acq: 02 Jun 2025 21:03

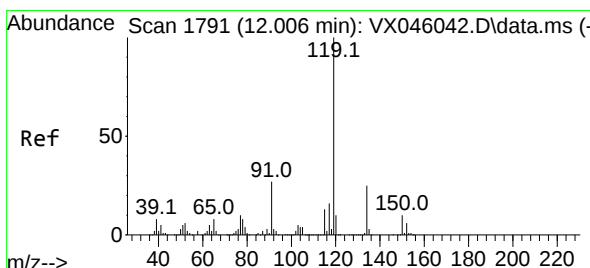
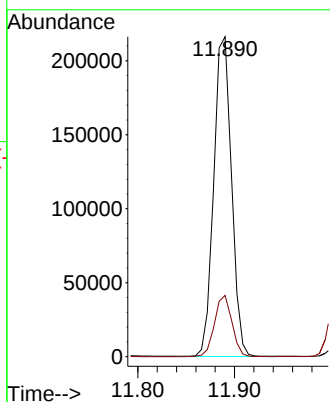
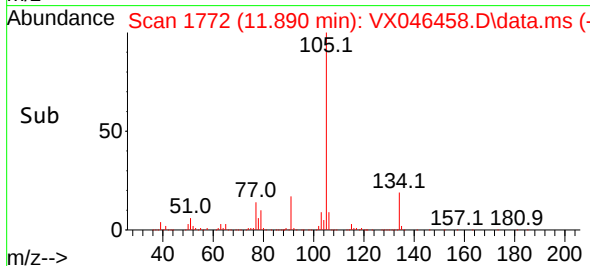
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



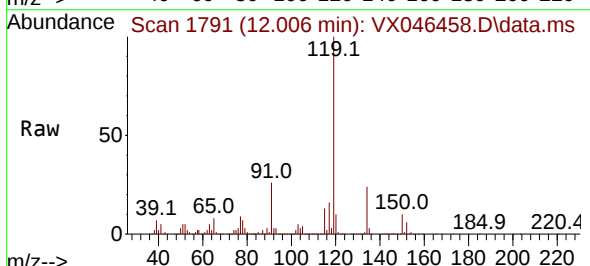
Tgt Ion:105 Resp: 27538
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1

Manual Integrations
 APPROVED

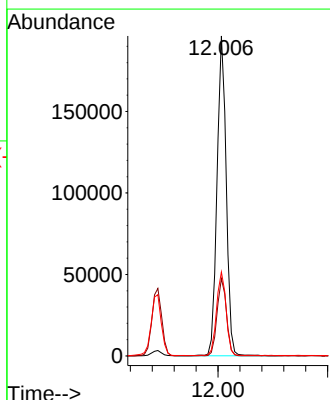
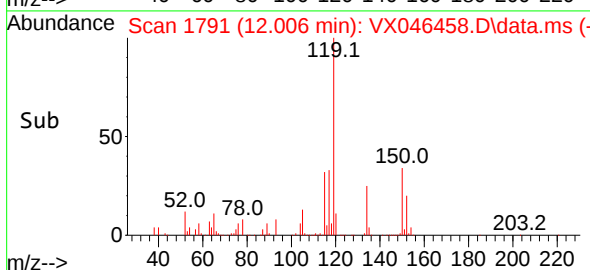
Reviewed By :John Carlone 06/03/2025
 Supervised By :Mahesh Dadoda 06/03/2025

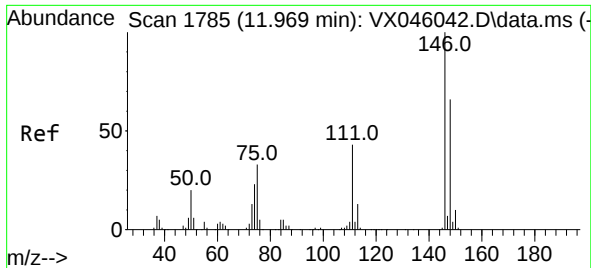


#86
 p-Isopropyltoluene
 Concen: 52.857 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046458.D
 Acq: 02 Jun 2025 21:03



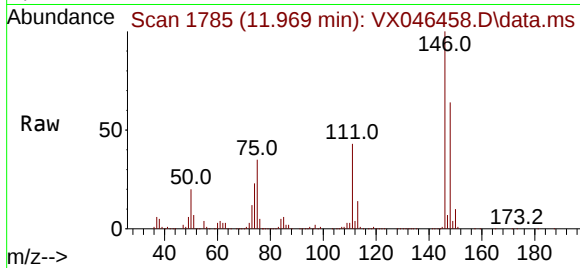
Tgt Ion:119 Resp: 229003
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.5 37.5
 91 27.1 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 50.741 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

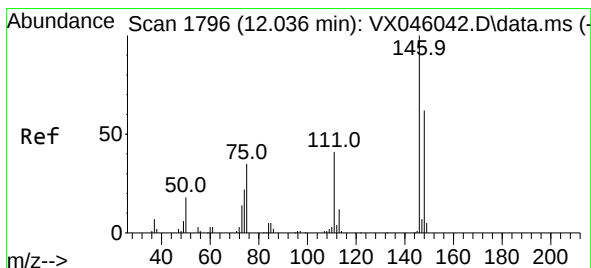
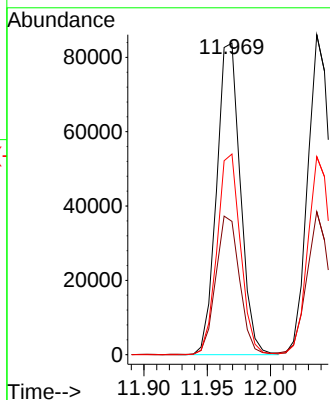
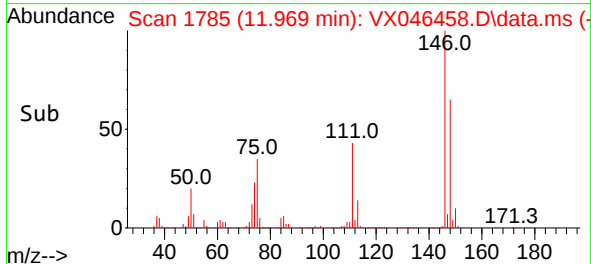
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



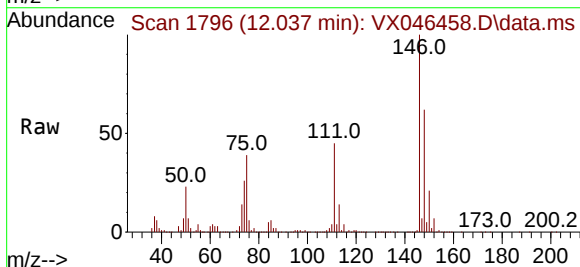
Tgt Ion:146 Resp: 109215
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.3
148 63.7 32.1 96.5

Manual Integrations
APPROVED

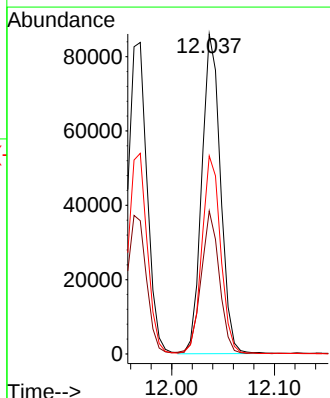
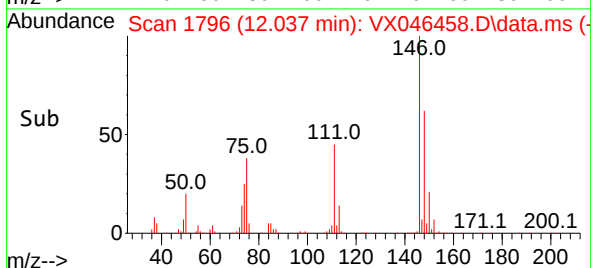
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025

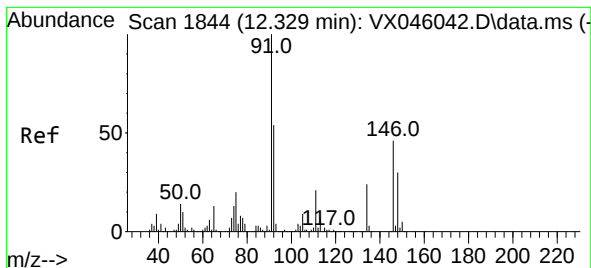


#88
1,4-Dichlorobenzene
Concen: 49.380 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03



Tgt Ion:146 Resp: 108545
Ion Ratio Lower Upper
146 100
111 43.7 21.3 63.9
148 61.8 31.9 95.5





#89

n-Butylbenzene

Concen: 53.774 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 20435

Ion Ratio Lower Upper

91 100

92 53.7 26.9 80.7

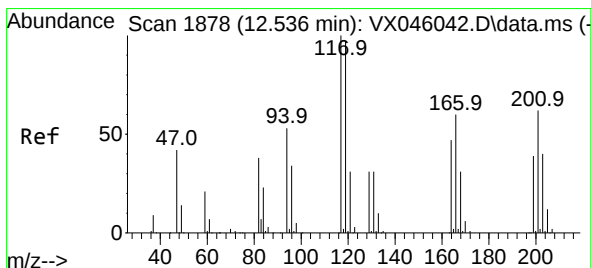
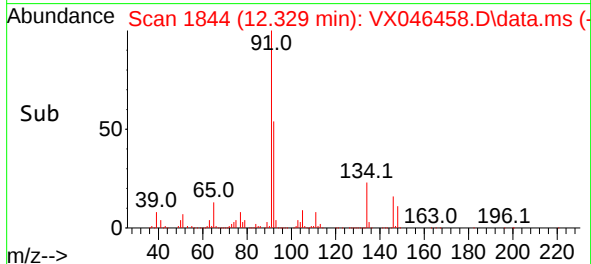
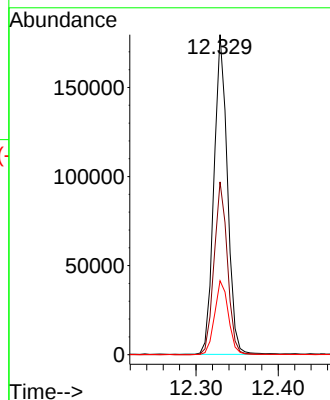
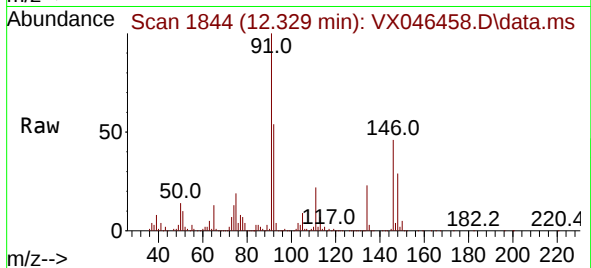
134 24.0 11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#90

Hexachloroethane

Concen: 47.200 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX046458.D

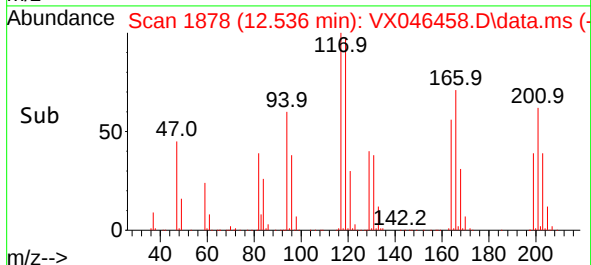
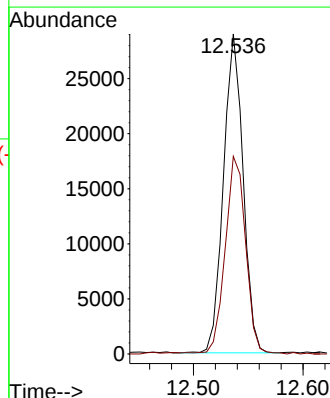
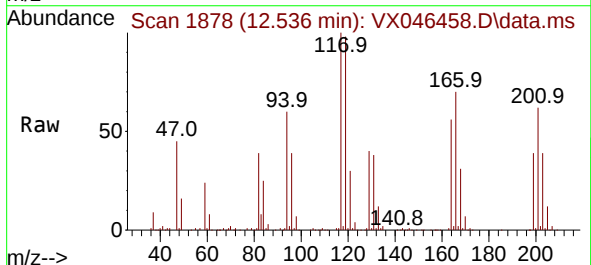
Acq: 02 Jun 2025 21:03

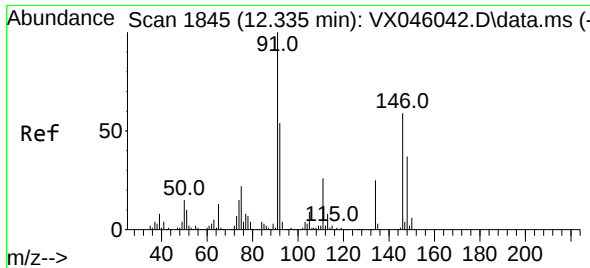
Tgt Ion:117 Resp: 36027

Ion Ratio Lower Upper

117 100

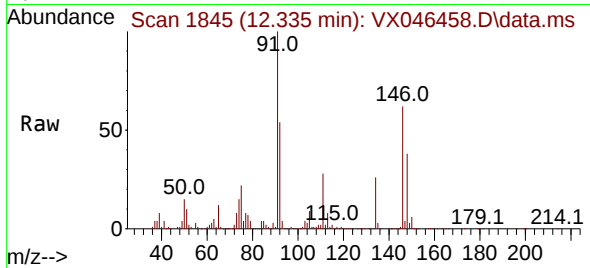
201 64.5 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 51.326 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

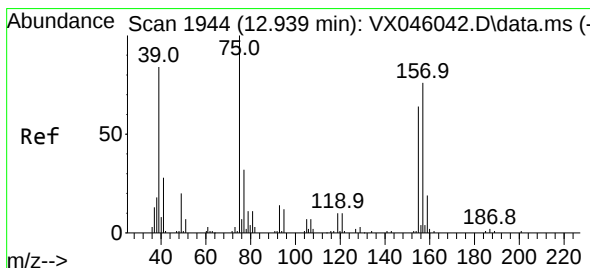
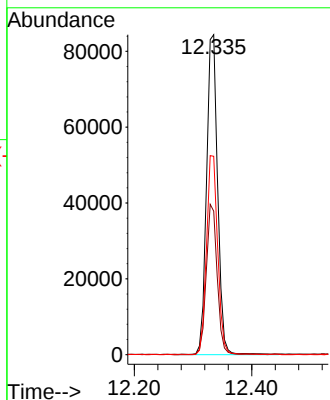
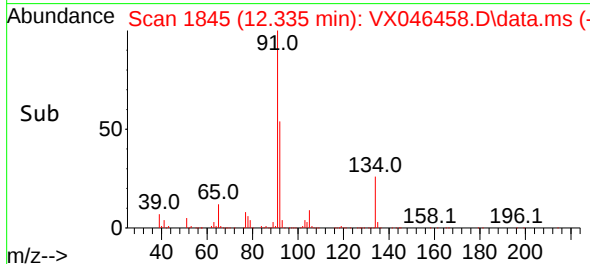
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 110858
Ion Ratio Lower Upper
146 100
111 45.6 22.4 67.3
148 62.8 31.6 94.8

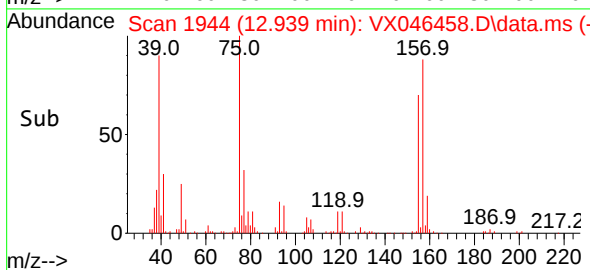
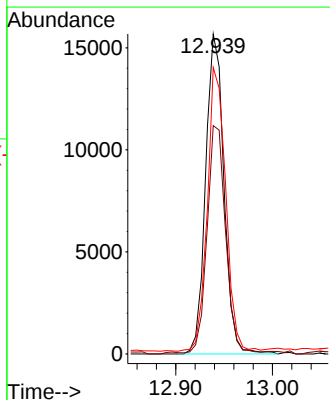
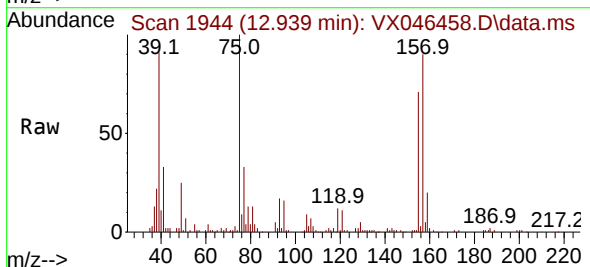
Manual Integrations
APPROVED

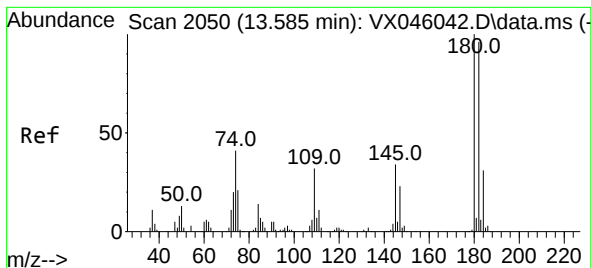
Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.525 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

Tgt Ion: 75 Resp: 20714
Ion Ratio Lower Upper
75 100
155 71.0 34.9 104.8
157 88.5 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 53.084 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 65854

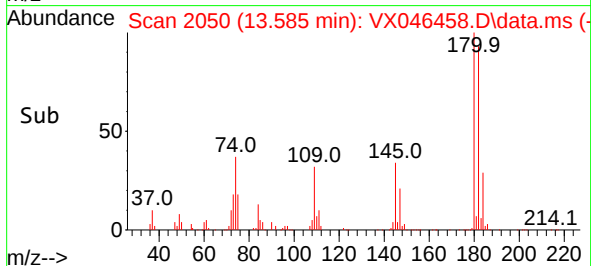
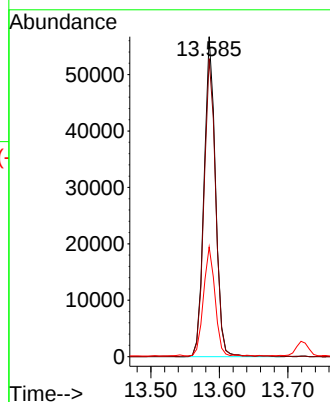
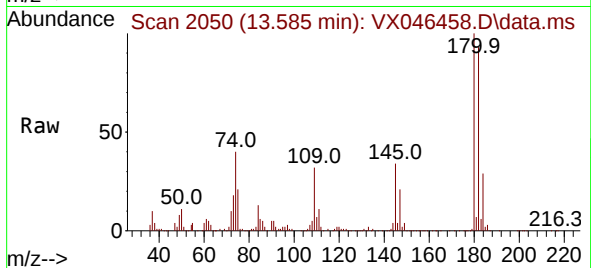
Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.9	143.8
145	34.3	17.1	51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/03/2025

Supervised By :Mahesh Dadoda 06/03/2025



#94

Hexachlorobutadiene

Concen: 49.660 ug/l

RT: 13.725 min Scan# 2073

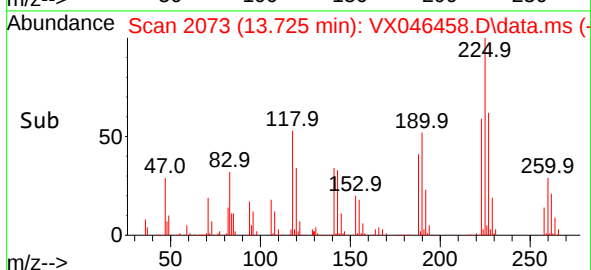
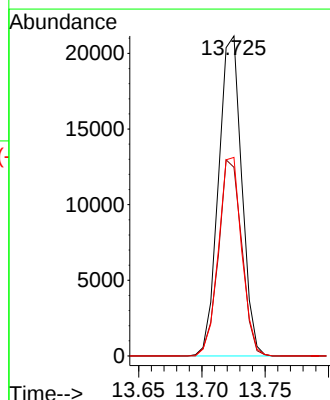
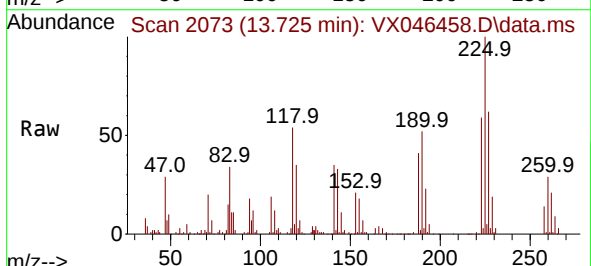
Delta R.T. 0.000 min

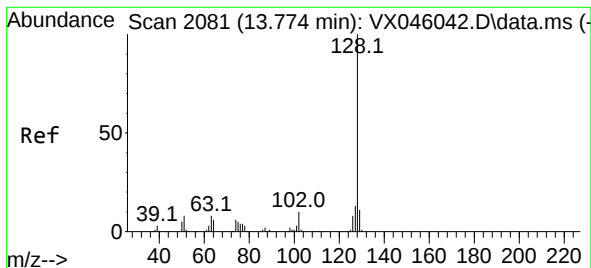
Lab File: VX046458.D

Acq: 02 Jun 2025 21:03

Tgt Ion:225 Resp: 26906

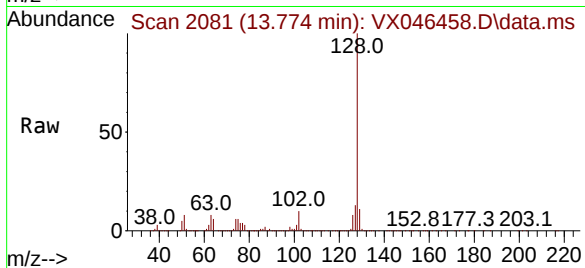
Ion	Ratio	Lower	Upper
225	100		
223	61.3	30.8	92.4
227	62.1	30.9	92.7





#95
Naphthalene
Concen: 55.208 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03

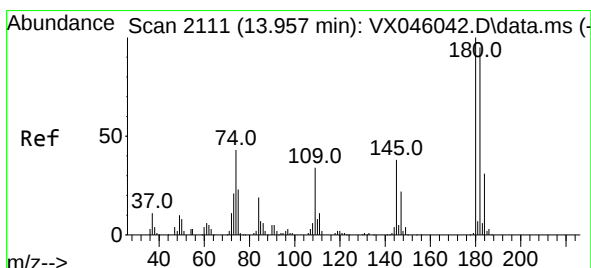
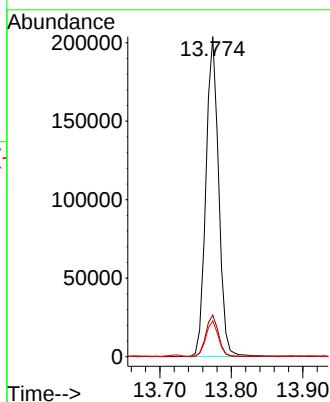
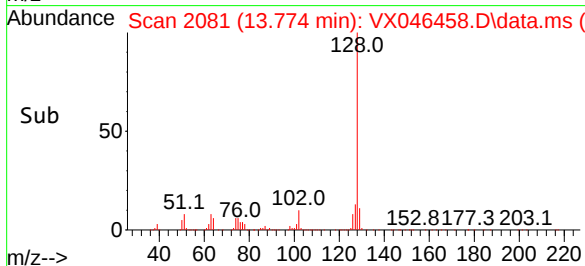
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



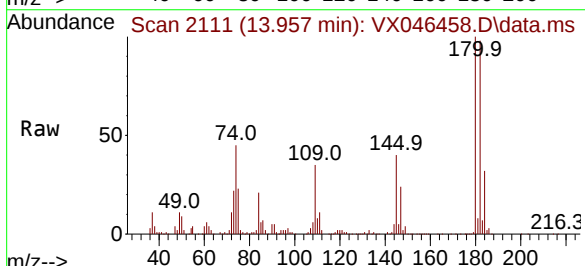
Tgt Ion:128 Resp: 25119
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/03/2025
Supervised By :Mahesh Dadoda 06/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.806 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046458.D
Acq: 02 Jun 2025 21:03



Tgt Ion:180 Resp: 67594
Ion Ratio Lower Upper
180 100
182 96.2 47.8 143.3
145 37.6 18.1 54.3

