

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046615.D
 Acq On : 10 Jun 2025 20:40
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/11/2025
 Supervised By : Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 05:57:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 05:53:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.916	128	19846	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	104620	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	96769	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	48470	25.927	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	86.433%#		
60) 4-Bromofluorobenzene	11.079	95	48951	27.592	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	91.967%		
63) Toluene-d8	8.653	98	131066	25.448	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	84.833%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	26946	16.689	ug/l	100
3) Chloromethane	1.307	50	28042	14.844	ug/l	100
4) Vinyl Chloride	1.386	62	26978	14.752	ug/l	100
5) Bromomethane	1.630	94	16981	23.792	ug/l	100
6) Chloroethane	1.703	64	14658	15.053	ug/l	100
7) Trichlorofluoromethane	1.904	101	39293	15.714	ug/l	100
8) Diethyl Ether	2.148	74	13681	14.696	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	25658	16.992	ug/l	100
10) 1,1-Dichloroethene	2.337	96	24368	16.602	ug/l	100
11) Methyl Iodide	2.465	142	33343	19.034	ug/l	100
12) Methyl Acetate	2.715	43	41260	22.468	ug/l	100
13) Acrolein	2.251	56	13684	43.350	ug/l	100
14) Acrylonitrile	3.075	53	64536	78.733	ug/l	100
15) Acetone	2.392	58	14635	67.367	ug/l	100
16) Carbon Disulfide	2.532	76	68876	16.507	ug/l	100
17) Allyl chloride	2.678	41	44732	16.299	ug/l	100
18) Methylene Chloride	2.806	84	27492	16.740	ug/l	100
19) trans-1,2-Dichloroethene	3.111	96	25402	17.055	ug/l	100
20) Diisopropyl ether	3.776	45	86462	16.458	ug/l	100
21) 1,1-Dichloroethane	3.629	63	49010	16.732	ug/l	100
22) cis-1,2-Dichloroethene	4.507	96	30268	16.984	ug/l	100
23) tert-Butyl Alcohol	2.959	59	12258	45.938	ug/l #	100
24) Methyl tert-Butyl Ether	3.129	73	75763	15.953	ug/l	100
25) Chloroform	5.105	83	50765	17.781	ug/l	100
26) Cyclohexane	5.483	56	44838	16.632	ug/l #	100
29) 1,1-Dichloropropene	5.708	75	35945	18.824	ug/l	100
30) 2-Butanone	4.568	43	78333	74.462	ug/l	100
31) 2,2-Dichloropropane	4.495	77	30601	14.766	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	43830	18.885	ug/l	100
33) Carbon Tetrachloride	5.690	117	38777	19.649	ug/l	100
34) Benzene	6.050	78	104632	17.740	ug/l	100
35) Methacrylonitrile	4.940	41	18569	16.244	ug/l	100
36) 1,2-Dichloroethane	6.098	62	40595	19.638	ug/l	100
37) Trichloroethene	7.135	130	25550	18.401	ug/l	100
38) Methylcyclohexane	7.385	83	43701	17.255	ug/l	100
39) 1,2-Dichloropropane	7.433	63	25723	17.600	ug/l	100
40) Dibromomethane	7.592	93	19378	18.274	ug/l	100
41) Bromodichloromethane	7.824	83	40158	18.873	ug/l	100
42) Vinyl Acetate	3.733	43	302566	74.002	ug/l	100

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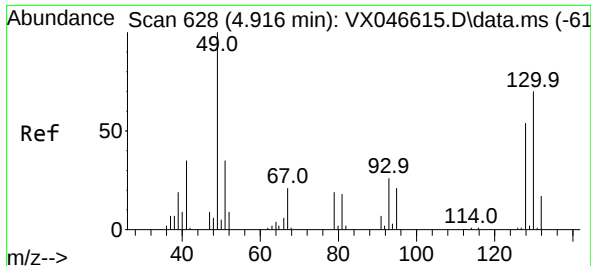
Manual Integrations
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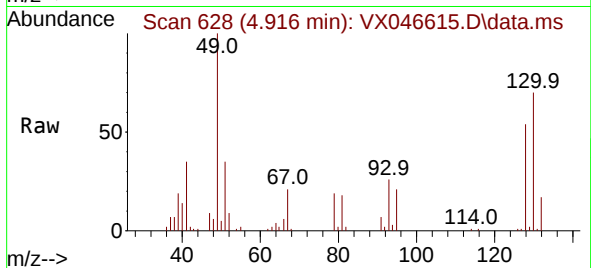
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	32877m	16.308	ug/l	
44) Isopropyl Acetate	6.348	43	49958	15.182	ug/l	100
45) 1,4-Dioxane	7.665	88	6680	210.513	ug/l	100
46) Methyl methacrylate	7.702	41	28485	17.272	ug/l	100
47) n-amyl Acetate	10.841	43	39401	14.016	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	33109	16.357	ug/l	100
49) cis-1,3-Dichloropropene	8.372	75	38153	16.782	ug/l	100
50) 1,1,2-Trichloroethane	9.153	97	24532	17.930	ug/l	100
51) Ethyl methacrylate	9.116	69	36066	16.690	ug/l	100
52) 1,3-Dichloropropane	9.311	76	43428	18.066	ug/l	100
53) Dibromochloromethane	9.525	129	28331	18.483	ug/l	100
54) 1,2-Dibromoethane	9.610	107	25214	18.026	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	99715	89.461	ug/l	100
56) Bromoform	10.799	173	17350	17.940	ug/l	100
58) 4-Methyl-2-Pentanone	8.574	43	168105	80.064	ug/l	100
59) 2-Hexanone	9.433	43	119031	78.596	ug/l	100
61) Tetrachloroethene	9.275	164	21427	18.338	ug/l	100
62) Toluene	8.720	91	112826	17.967	ug/l	100
64) Chlorobenzene	10.079	112	70885	18.184	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.165	131	23888	18.443	ug/l	100
66) Ethyl Benzene	10.195	91	126701	18.282	ug/l	100
67) m/p-Xylenes	10.299	106	94670	36.954	ug/l	100
68) o-Xylene	10.640	106	45327	18.103	ug/l	100
69) Styrene	10.652	104	79010	18.701	ug/l	100
70) Isopropylbenzene	10.963	105	121135	18.592	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	36421	17.238	ug/l	100
72) 1,2,3-Trichloropropane	11.238	75	30060m	17.246	ug/l	
73) Bromobenzene	11.195	156	28085	18.679	ug/l	100
74) n-propylbenzene	11.305	91	146242	18.746	ug/l	100
75) 2-Chlorotoluene	11.360	91	87919	18.725	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	101937	18.912	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	9358	15.786	ug/l	100
78) 4-Chlorotoluene	11.451	91	102991	19.447	ug/l	100
79) tert-butylbenzene	11.713	119	101208	18.685	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	100948	18.762	ug/l	100
81) sec-Butylbenzene	11.890	105	129718	18.971	ug/l	100
82) p-Isopropyltoluene	12.006	119	107112	19.247	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	53209	18.974	ug/l	100
84) 1,4-Dichlorobenzene	12.036	146	53974	19.383	ug/l	100
85) n-Butylbenzene	12.329	91	103405	20.005	ug/l	100
86) Hexachloroethane	12.536	117	17967	18.242	ug/l	100
87) 1,2-Dichlorobenzene	12.335	146	51572	18.834	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	7234	17.392	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	33278	19.543	ug/l	100
90) Hexachlorobutadiene	13.719	225	14708	21.021	ug/l	100
91) Naphthalene	13.774	128	104308	17.854	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	32955	19.068	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

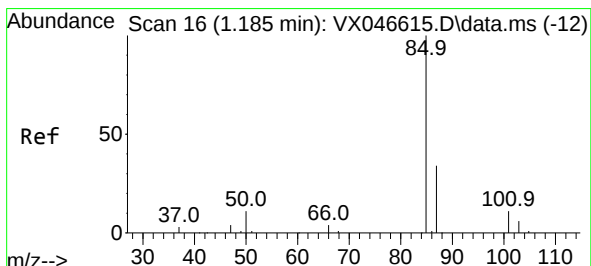
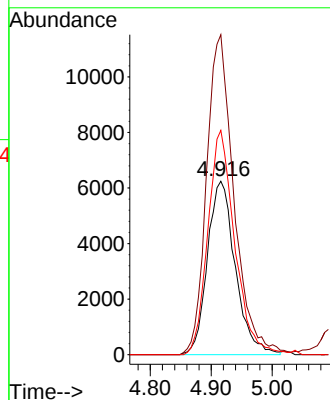
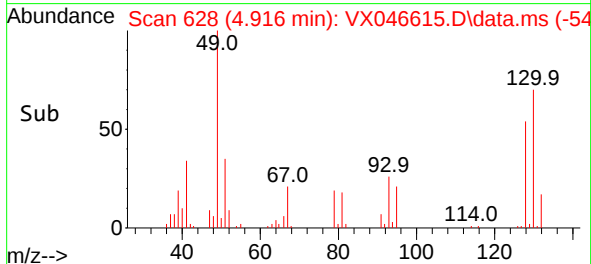
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



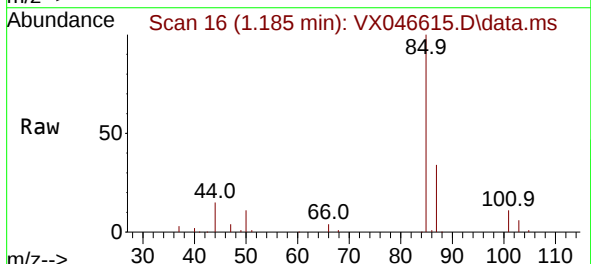
Tgt Ion:128 Resp: 19840
Ion Ratio Lower Upper
128 100
49 179.3 0.0 448.3
130 124.8 0.0 312.0

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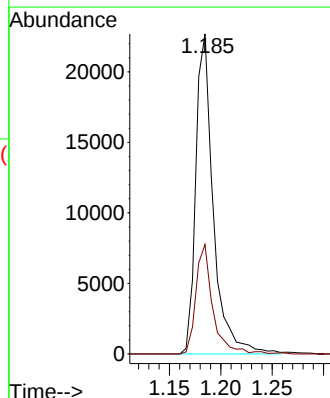
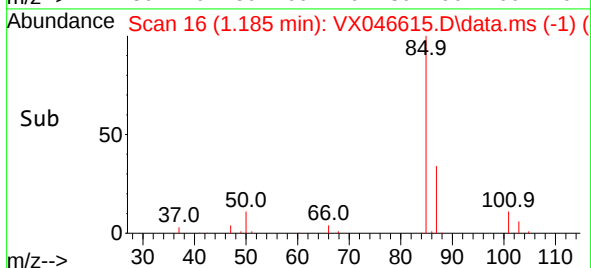
Reviewed By :John Carlone 06/11/2025
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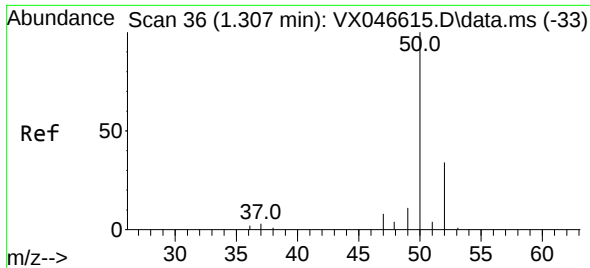


#2
Dichlorodifluoromethane
Concen: 16.689 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40



Tgt Ion: 85 Resp: 26946
Ion Ratio Lower Upper
85 100
87 34.2 17.1 51.3





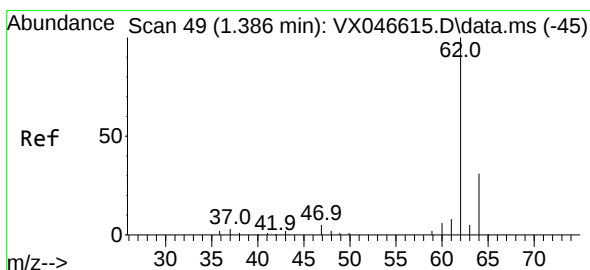
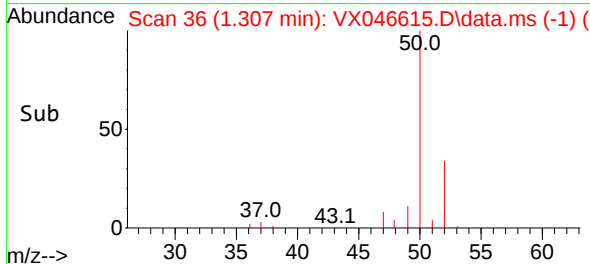
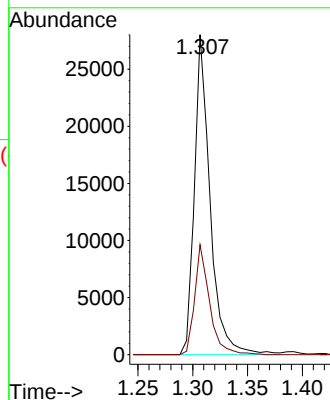
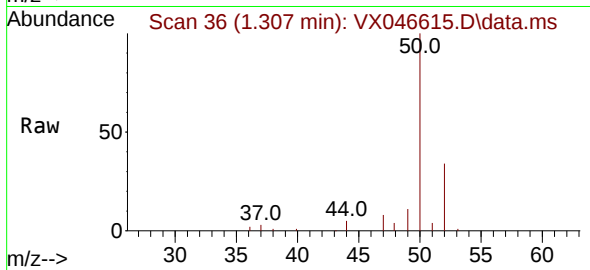
#3
Chloromethane
Concen: 14.844 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Instrument :
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ClientSampleId :
VSTDICCC020

Tgt Ion: 50 Resp: 2804
Ion Ratio Lower Upper
50 100
52 34.3 27.4 41.2

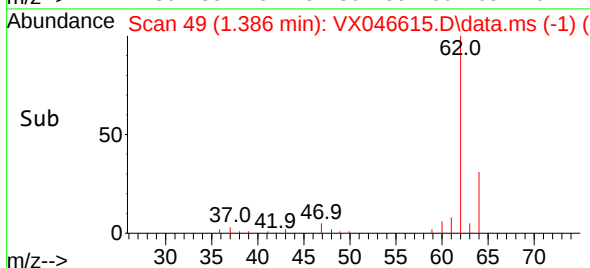
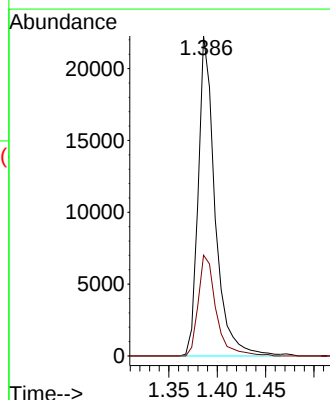
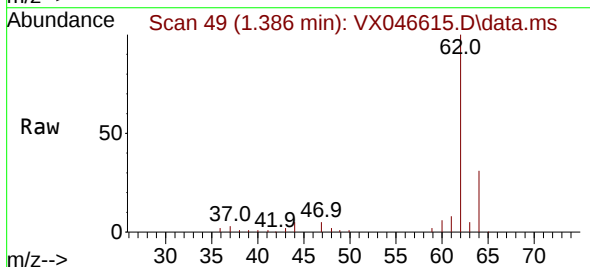
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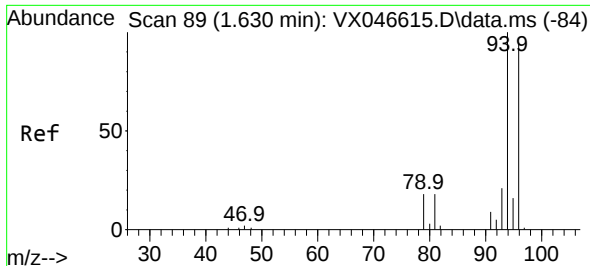
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#4
Vinyl Chloride
Concen: 14.752 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

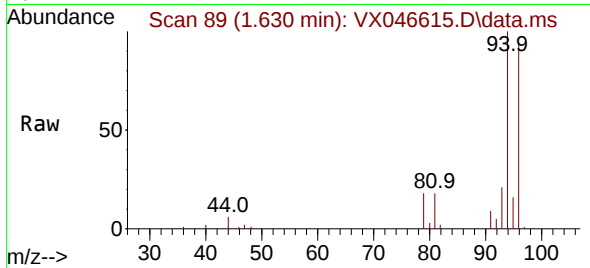
Tgt Ion: 62 Resp: 26978
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





#5
Bromomethane
Concen: 23.792 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

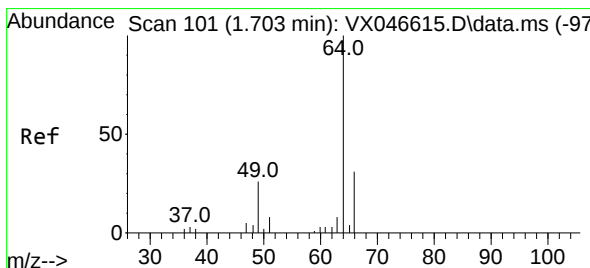
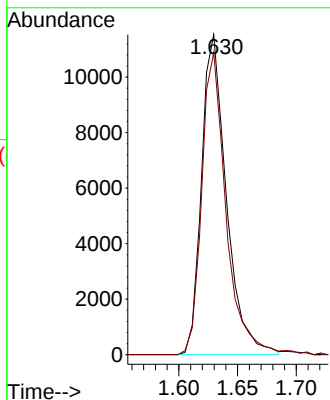
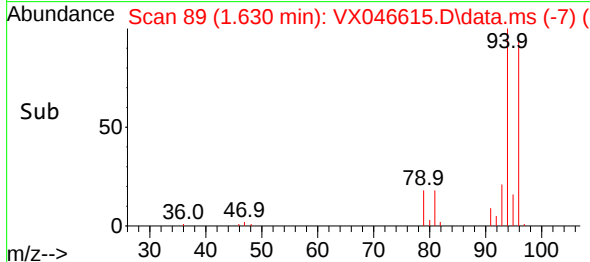
Instrument :
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ClientSampleId :
VSTDICCC020



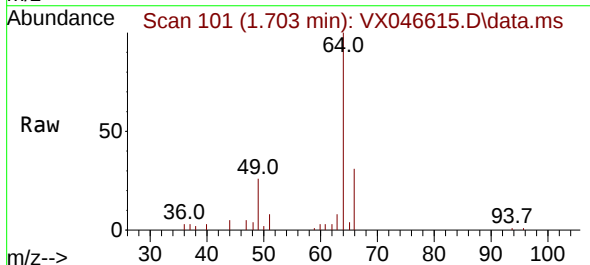
Tgt Ion: 94 Resp: 1698
Ion Ratio Lower Upper
94 100
96 94.4 75.5 113.3

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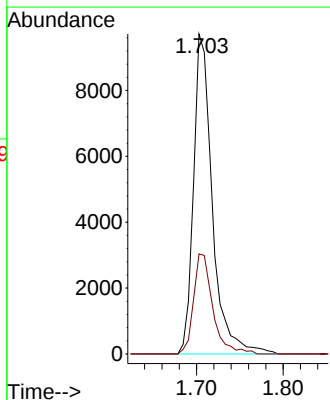
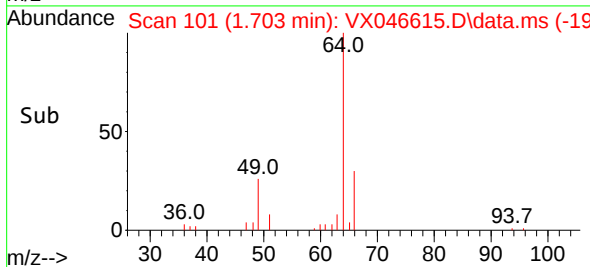
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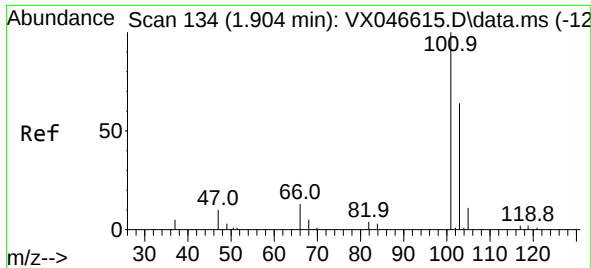


#6
Chloroethane
Concen: 15.053 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40



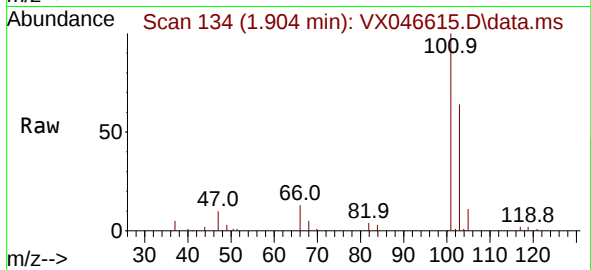
Tgt Ion: 64 Resp: 14658
Ion Ratio Lower Upper
64 100
66 31.3 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 15.714 ug/l
 RT: 1.904 min Scan# 134
 Delta R.T. 0.000 min
 Lab File: VX046615.D
 Acq: 10 Jun 2025 20:40

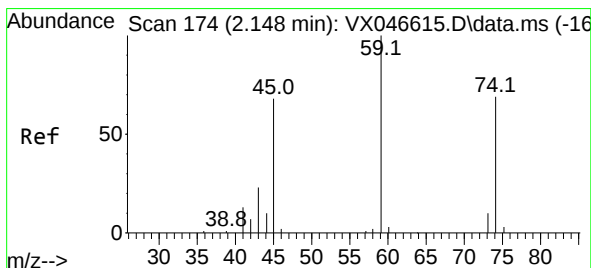
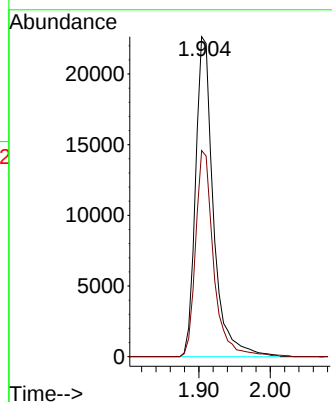
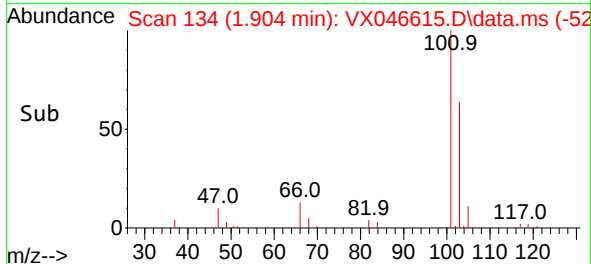
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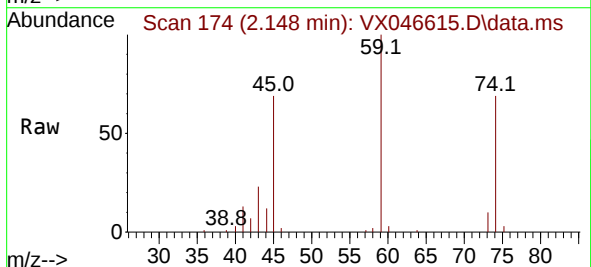
Tgt Ion:101 Resp: 3929
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

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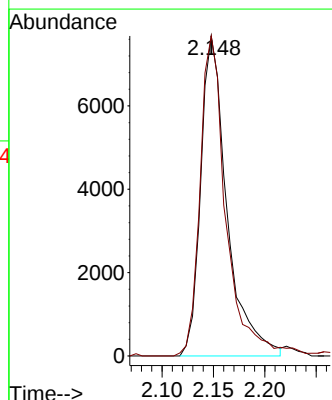
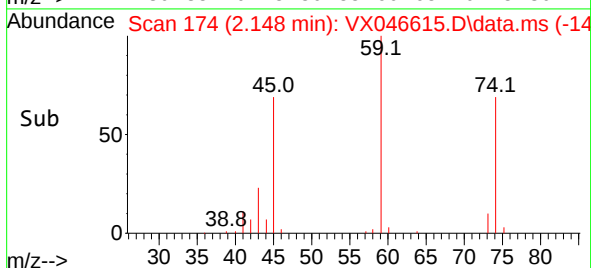
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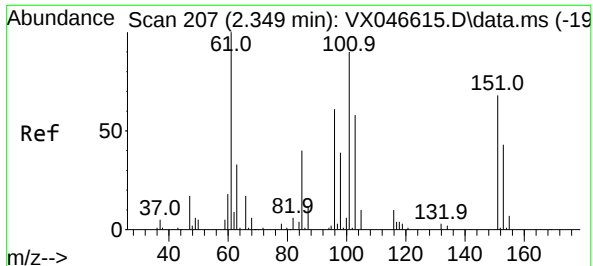


#8
 Diethyl Ether
 Concen: 14.696 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX046615.D
 Acq: 10 Jun 2025 20:40



Tgt Ion: 74 Resp: 13681
 Ion Ratio Lower Upper
 74 100
 45 96.7 19.3 174.1





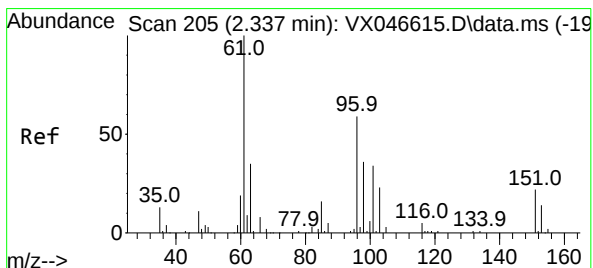
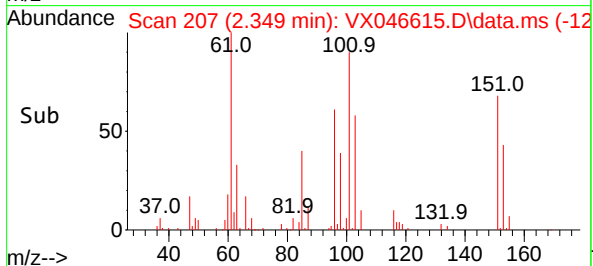
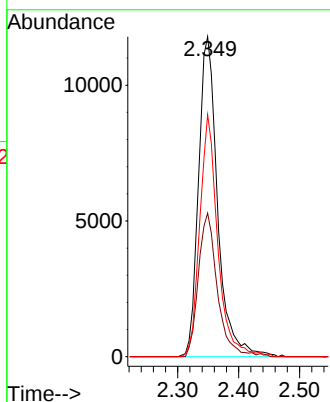
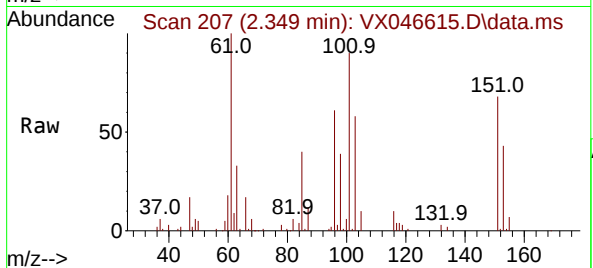
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 1,1,2-Trichlorotrifluoroethane
 Concen: 16.992 ug/l
 RT: 2.349 min Scan# 207
 Delta R.T. 0.000 min
 Lab File: VX046615.D
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Instrument :
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 VSTDICCC020

Tgt Ion:101 Resp: 25658
 Ion Ratio Lower Upper
 101 100
 85 44.1 0.0 88.2
 151 70.9 0.0 141.8

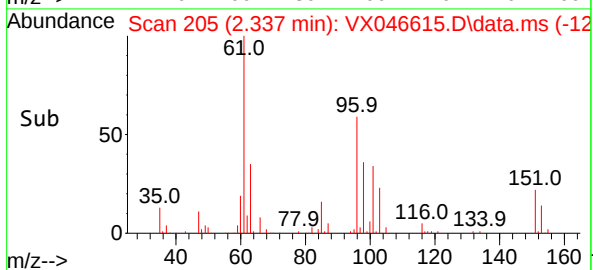
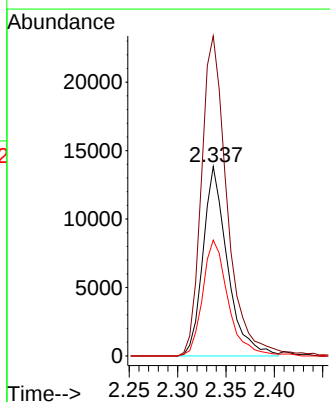
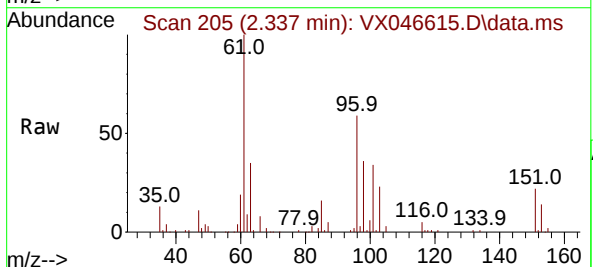
Manual Integrations
 APPROVED

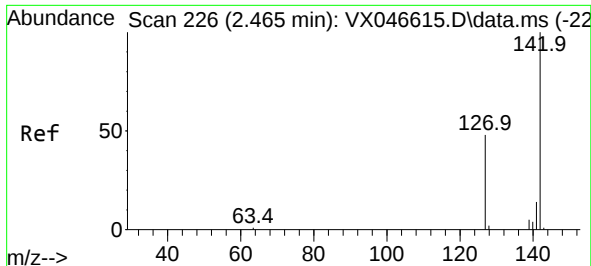
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#10
 1,1-Dichloroethene
 Concen: 16.602 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. 0.000 min
 Lab File: VX046615.D
 Acq: 10 Jun 2025 20:40

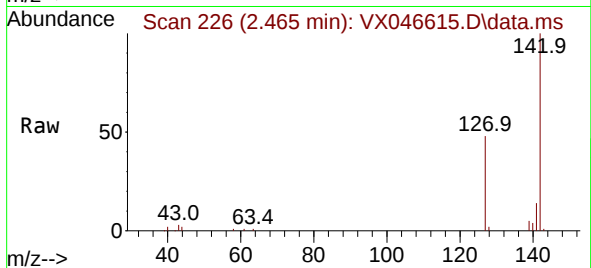
Tgt Ion: 96 Resp: 24368
 Ion Ratio Lower Upper
 96 100
 61 168.9 135.1 202.7
 98 61.2 49.0 73.4





#11
Methyl Iodide
Concen: 19.034 ug/l
RT: 2.465 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

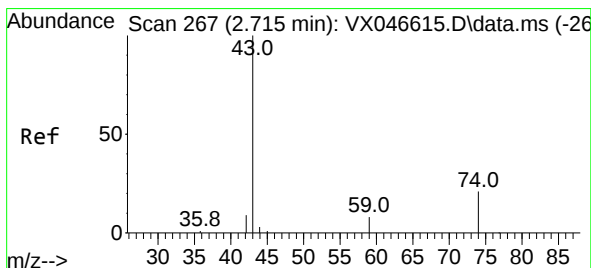
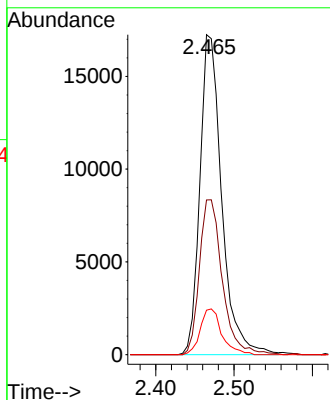
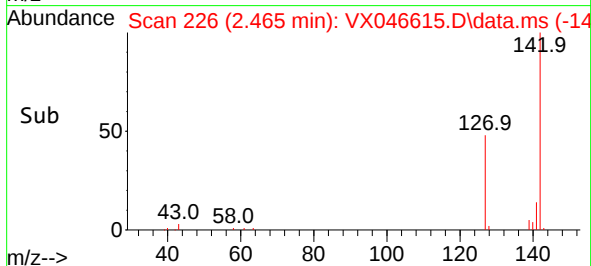
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 3334
Ion Ratio Lower Upper
142 100
127 48.3 24.1 72.4
141 13.9 7.0 20.9

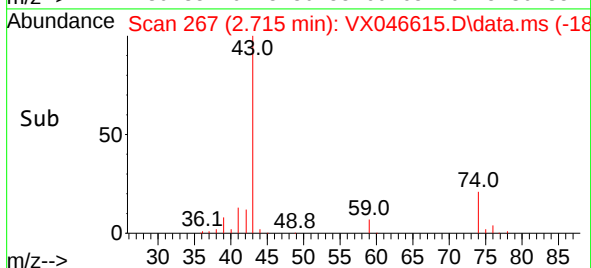
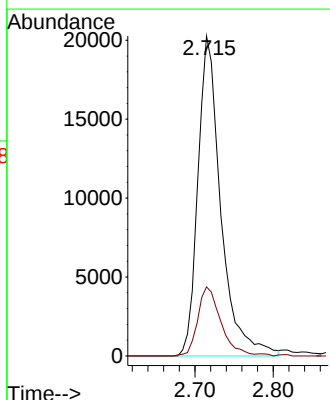
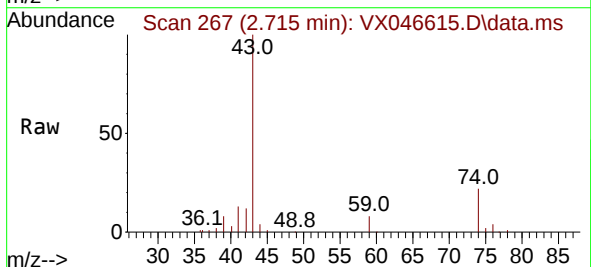
Manual Integrations
APPROVED

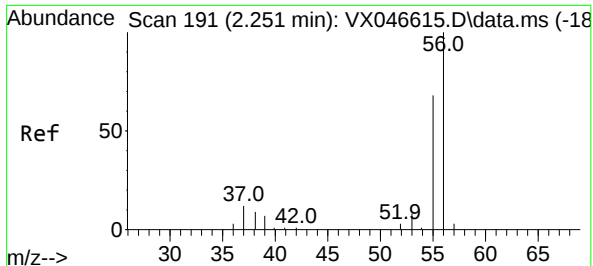
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#12
Methyl Acetate
Concen: 22.468 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

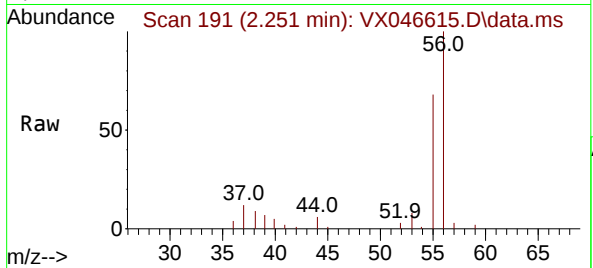
Tgt Ion: 43 Resp: 41260
Ion Ratio Lower Upper
43 100
74 21.5 17.2 25.8





#13
Acrolein
Concen: 43.350 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

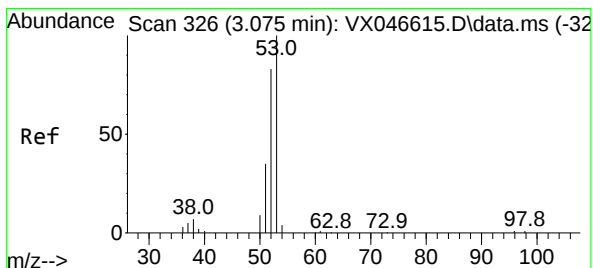
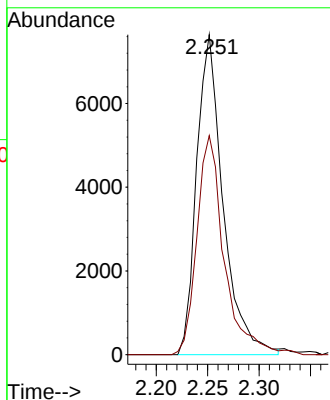
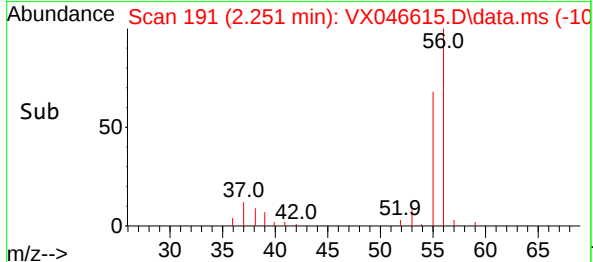
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



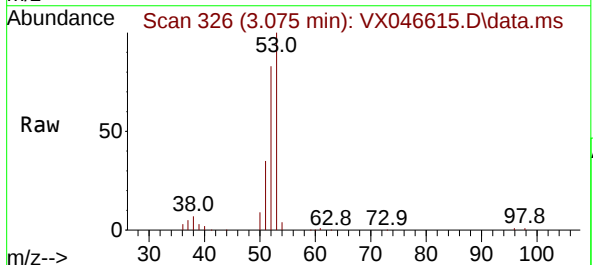
Tgt Ion: 56 Resp: 13684
Ion Ratio Lower Upper
56 100
55 70.0 56.0 84.0

Manual Integrations
APPROVED

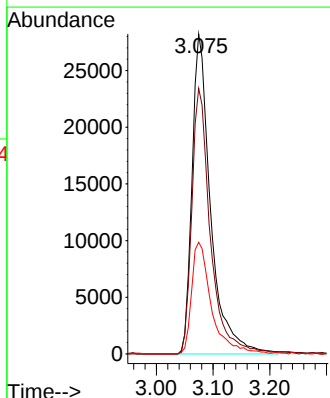
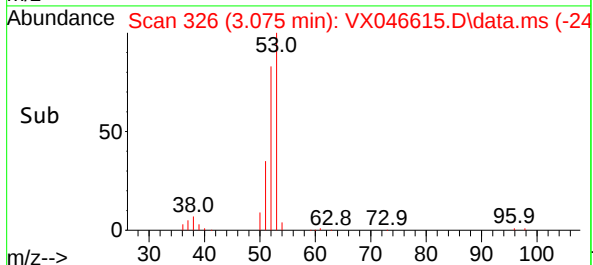
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

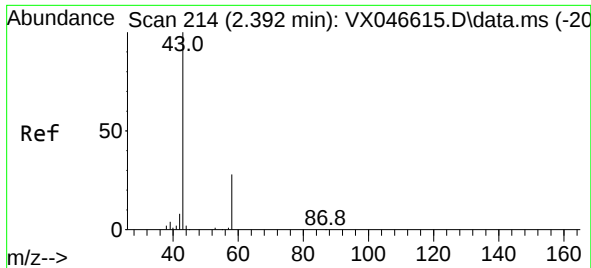


#14
Acrylonitrile
Concen: 78.733 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40



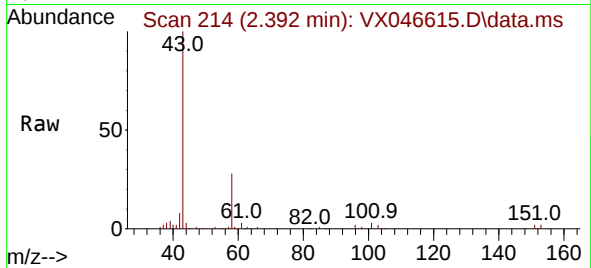
Tgt Ion: 53 Resp: 64536
Ion Ratio Lower Upper
53 100
52 82.5 41.3 123.7
51 37.2 18.6 55.8





#15
Acetone
Concen: 67.367 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

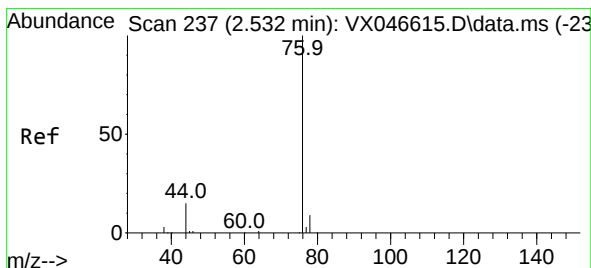
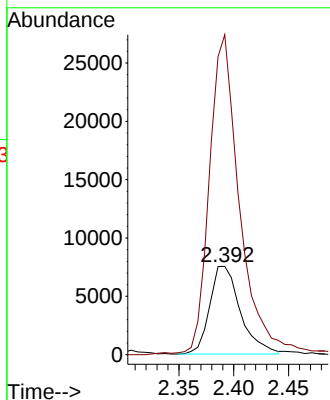
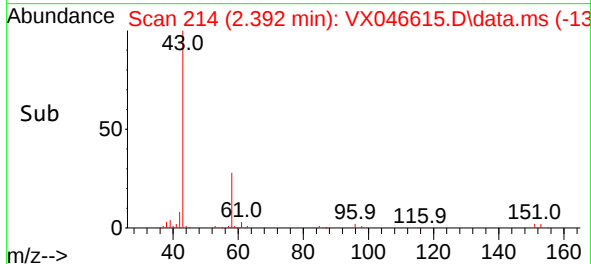
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 58 Resp: 1463
Ion Ratio Lower Upper
58 100
43 363.2 290.6 435.8

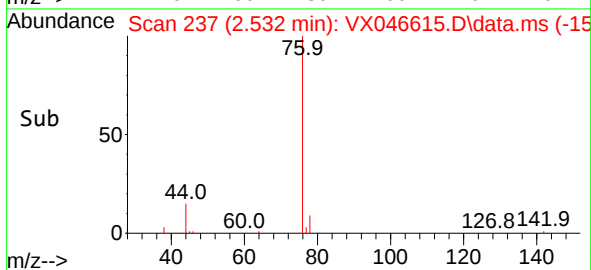
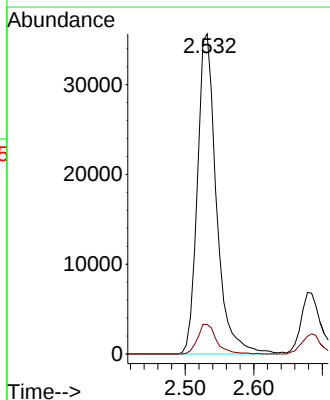
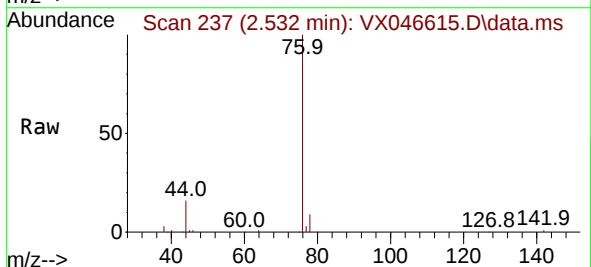
Manual Integrations
APPROVED

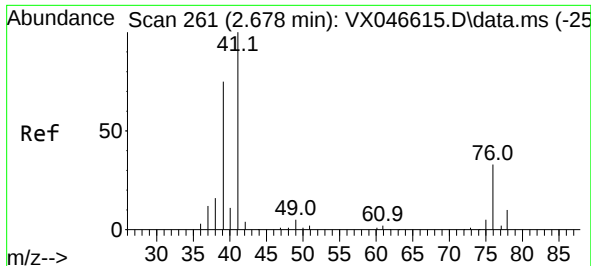
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#16
Carbon Disulfide
Concen: 16.507 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Tgt Ion: 76 Resp: 68876
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0





#17

Allyl chloride

Concen: 16.299 ug/l

RT: 2.678 min Scan# 261

Delta R.T. 0.000 min

Lab File: VX046615.D

Acq: 10 Jun 2025 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 41 Resp: 44732

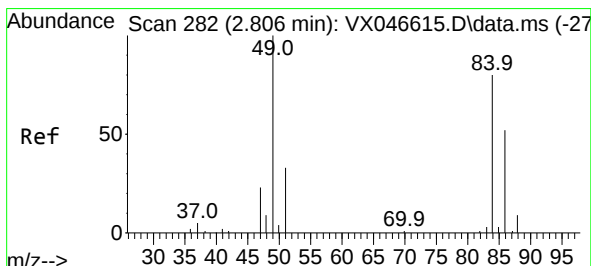
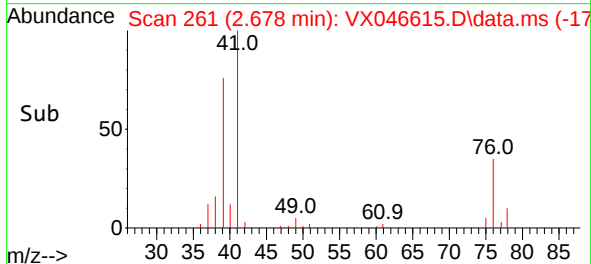
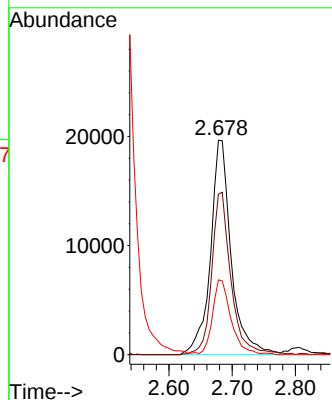
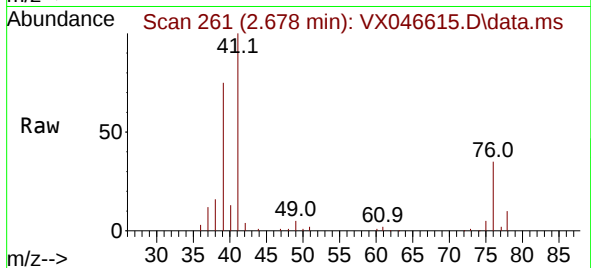
Ion	Ratio	Lower	Upper
41	100		
39	74.9	37.5	112.3
76	34.9	17.4	52.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#18

Methylene Chloride

Concen: 16.740 ug/l

RT: 2.806 min Scan# 282

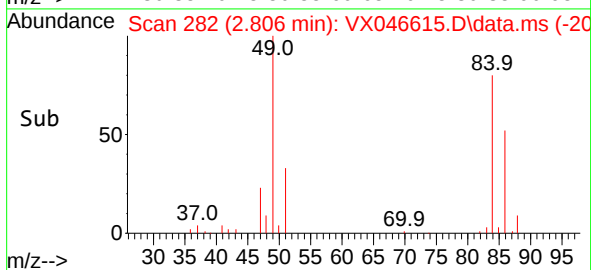
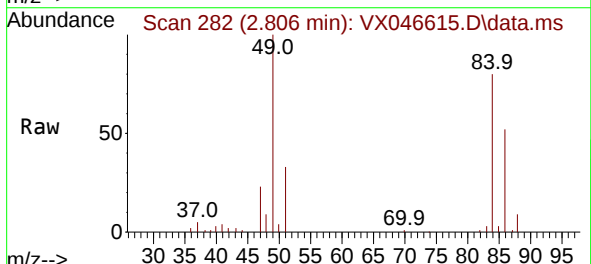
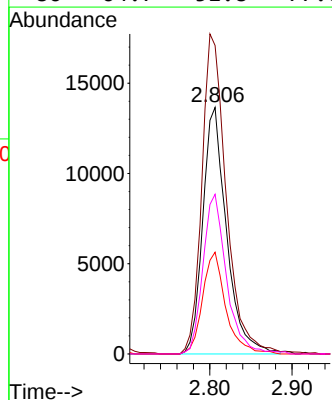
Delta R.T. 0.000 min

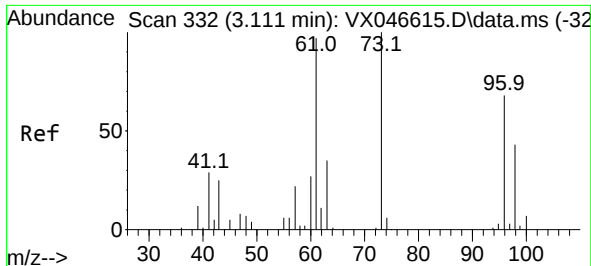
Lab File: VX046615.D

Acq: 10 Jun 2025 20:40

Tgt Ion: 84 Resp: 27492

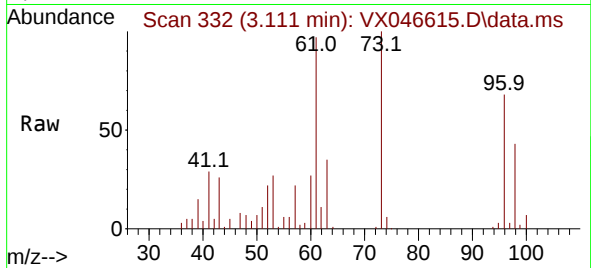
Ion	Ratio	Lower	Upper
84	100		
49	125.1	100.1	150.1
51	41.2	33.0	49.4
86	64.7	51.8	77.6





#19
trans-1,2-Dichloroethene
Concen: 17.055 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

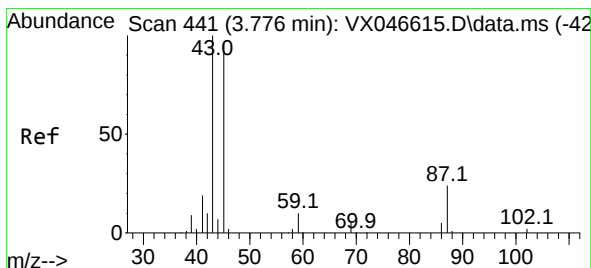
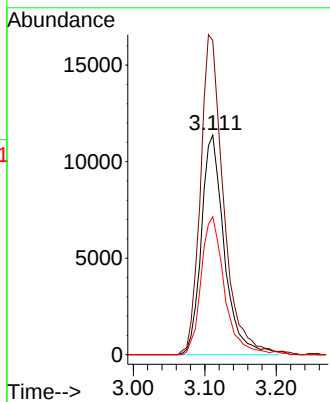
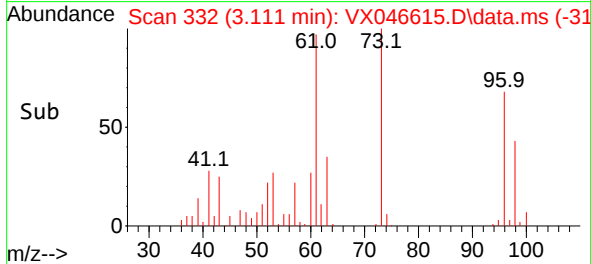
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 2540
Ion Ratio Lower Upper
96 100
61 143.1 114.5 171.7
98 62.8 50.2 75.4

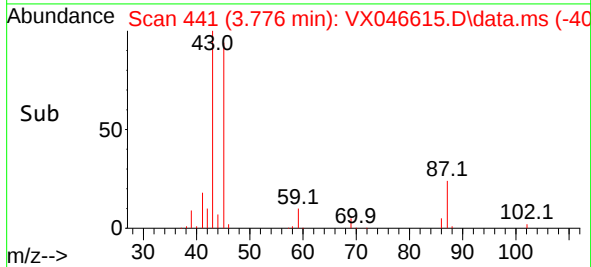
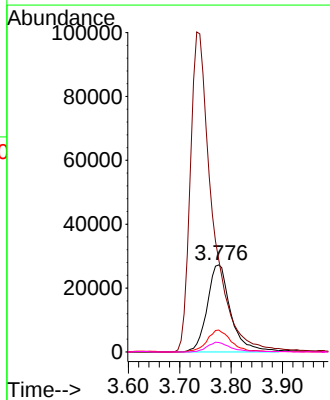
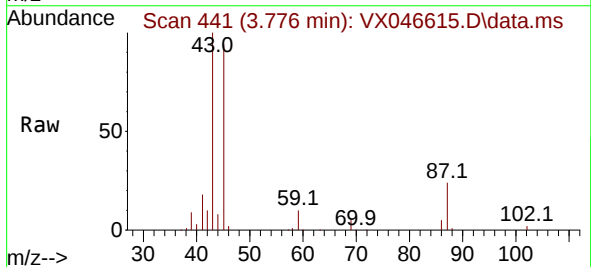
Manual Integrations
APPROVED

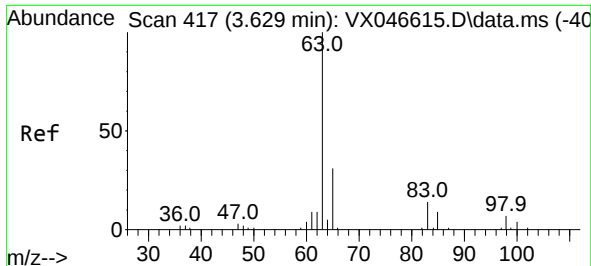
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#20
Diisopropyl ether
Concen: 16.458 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Tgt Ion: 45 Resp: 86462
Ion Ratio Lower Upper
45 100
43 104.0 83.2 124.8
87 25.3 20.2 30.4
59 10.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 16.732 ug/l

RT: 3.629 min Scan# 417

Delta R.T. 0.000 min

Lab File: VX046615.D

Acq: 10 Jun 2025 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 49010

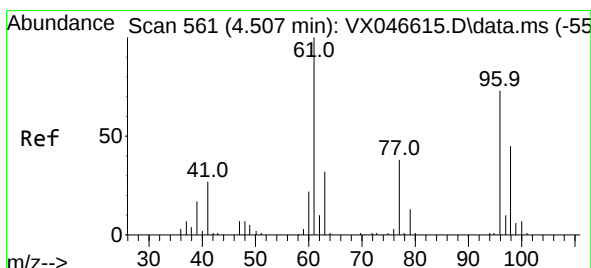
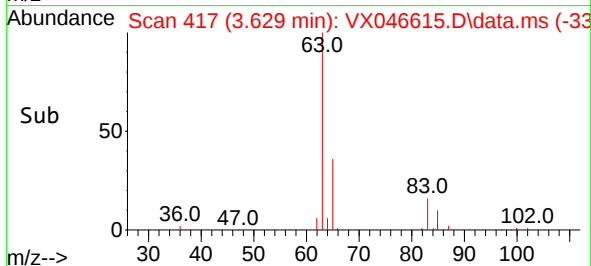
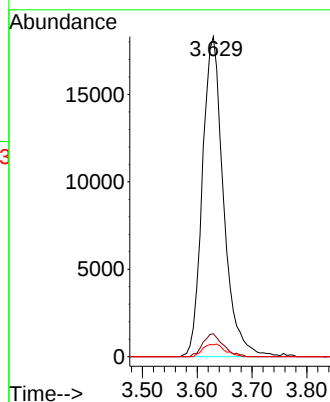
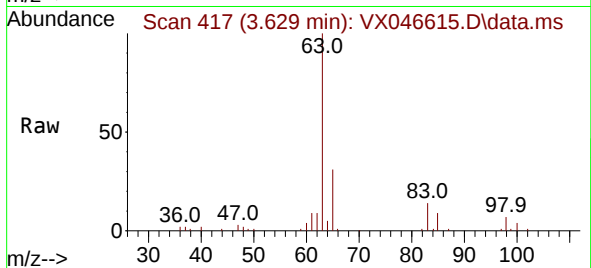
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.6	10.8
100	3.7	1.8	5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#22

cis-1,2-Dichloroethene

Concen: 16.984 ug/l

RT: 4.507 min Scan# 561

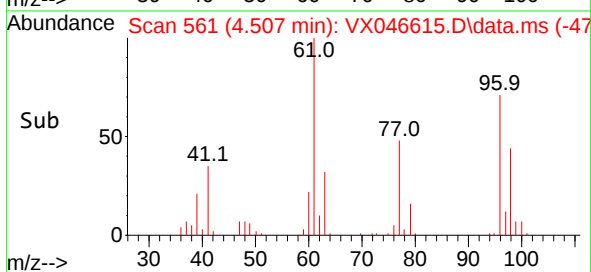
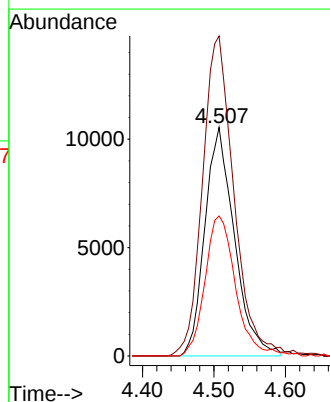
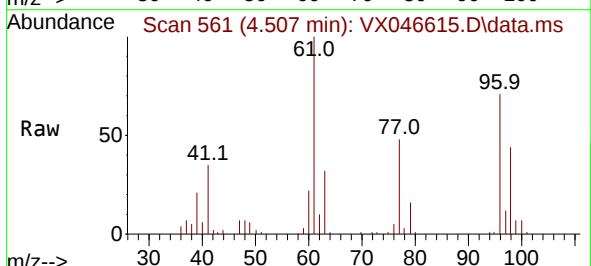
Delta R.T. 0.000 min

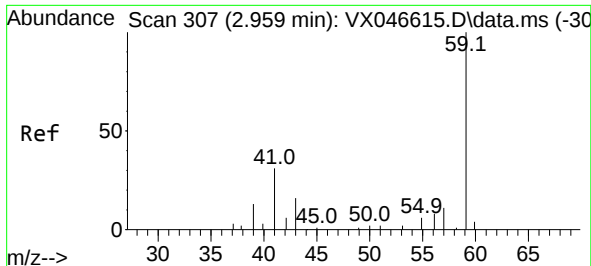
Lab File: VX046615.D

Acq: 10 Jun 2025 20:40

Tgt Ion: 96 Resp: 30268

Ion	Ratio	Lower	Upper
96	100		
61	148.2	118.6	177.8
98	62.0	49.6	74.4





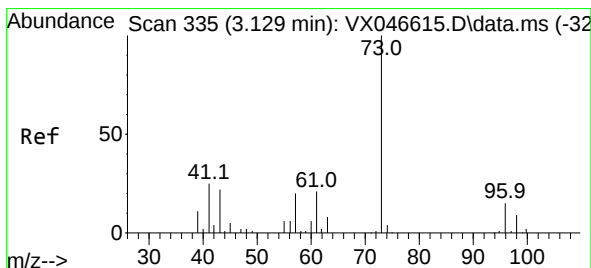
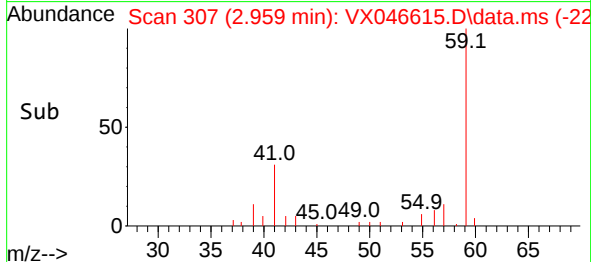
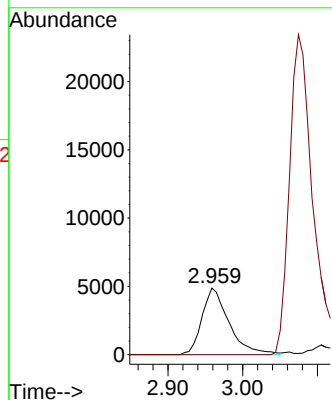
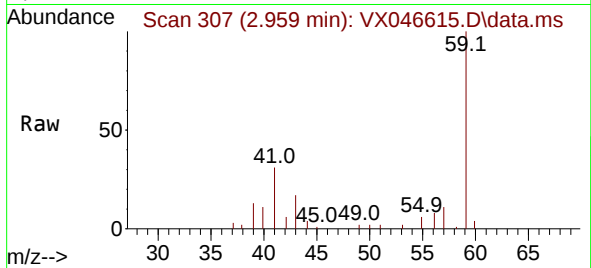
#23
tert-Butyl Alcohol
Concen: 45.938 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 12258
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

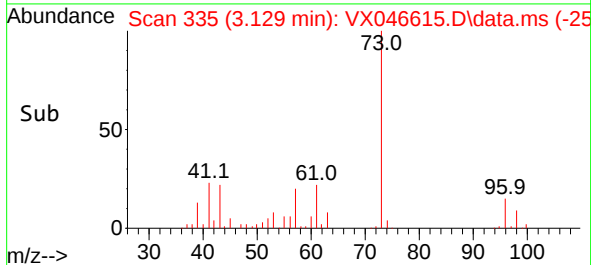
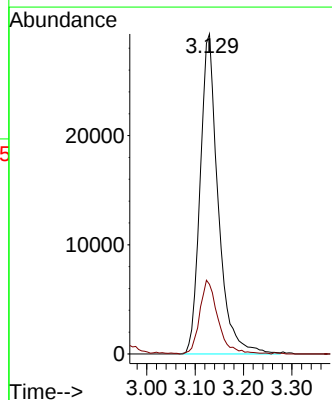
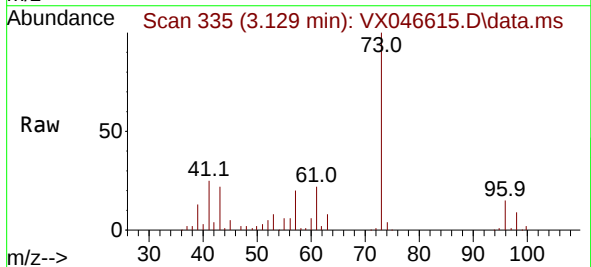
Manual Integrations
APPROVED

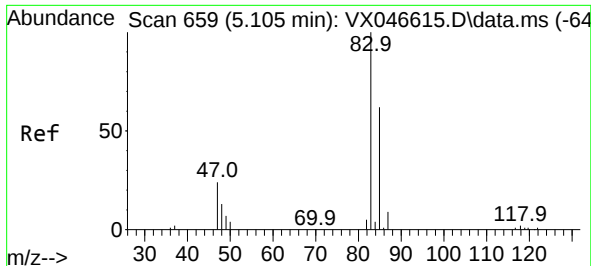
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#24
Methyl tert-Butyl Ether
Concen: 15.953 ug/l
RT: 3.129 min Scan# 335
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Tgt Ion: 73 Resp: 75763
Ion Ratio Lower Upper
73 100
43 23.0 18.4 27.6





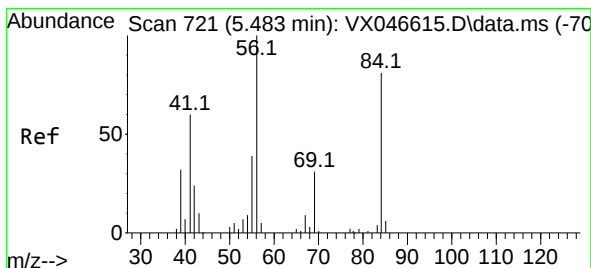
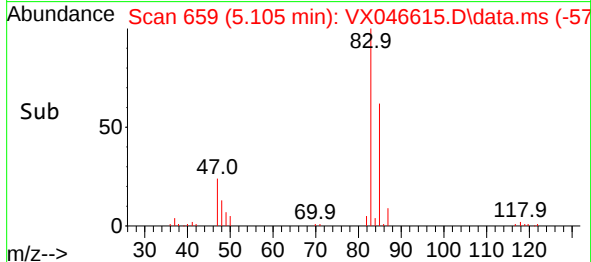
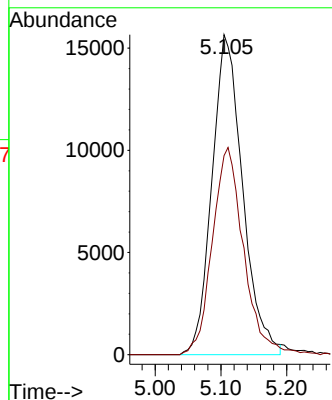
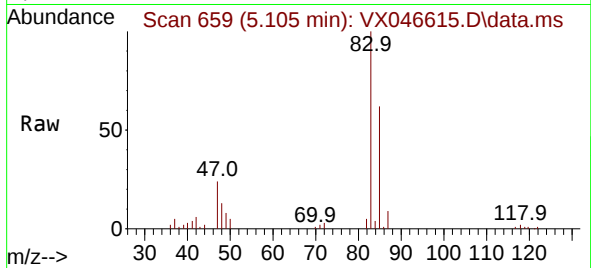
#25
Chloroform
Concen: 17.781 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 5076
Ion Ratio Lower Upper
83 100
85 62.2 49.8 74.6

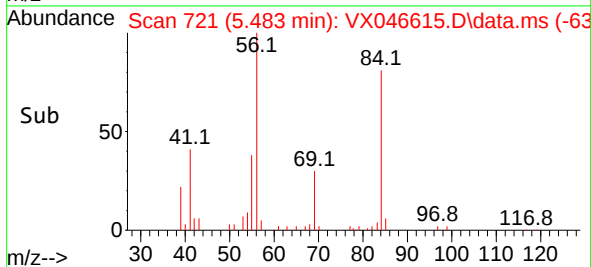
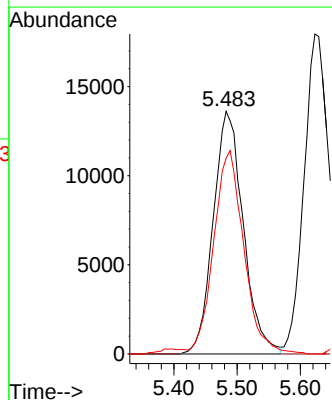
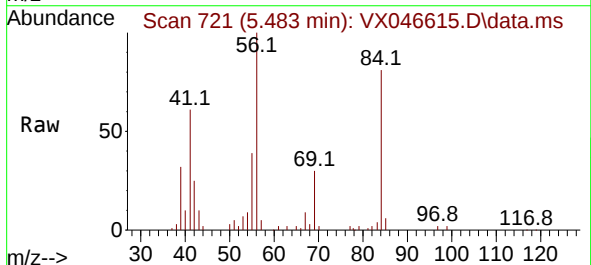
Manual Integrations
APPROVED

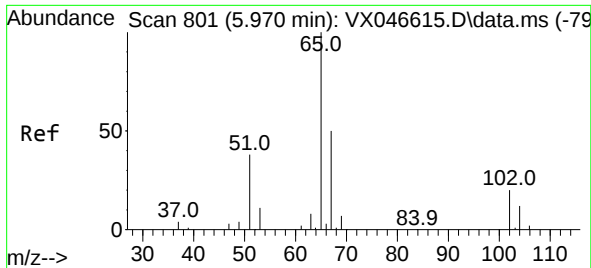
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#26
Cyclohexane
Concen: 16.632 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Tgt Ion: 56 Resp: 44838
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.2 67.4 101.0





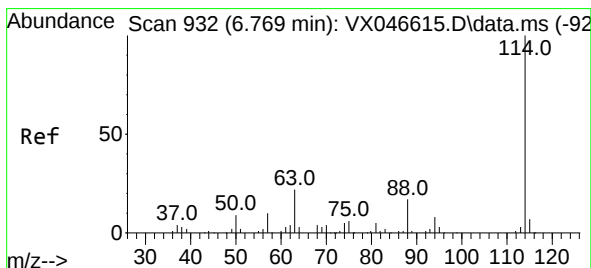
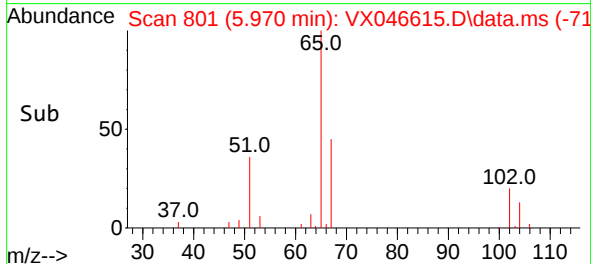
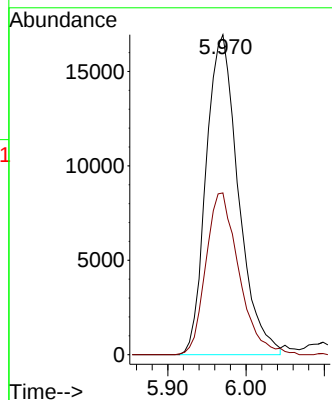
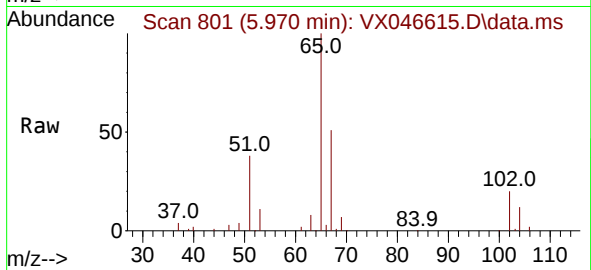
#27
1,2-Dichloroethane-d4
Concen: 25.927 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 65 Resp: 48470
Ion Ratio Lower Upper
65 100
67 51.8 41.4 62.2

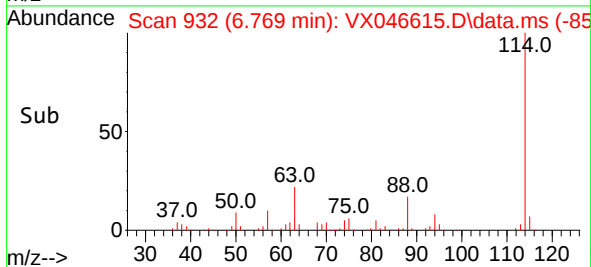
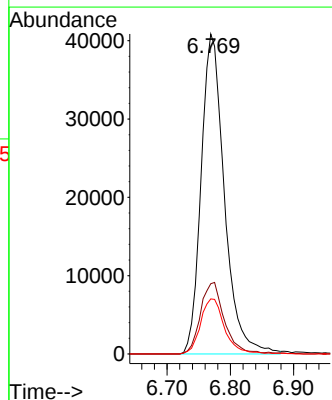
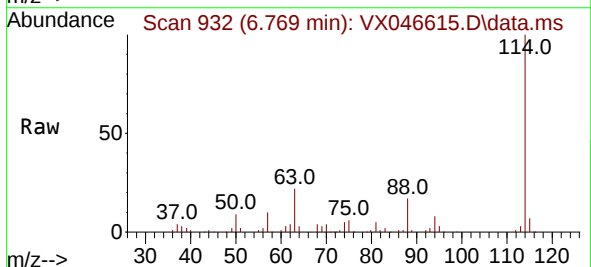
Manual Integrations
APPROVED

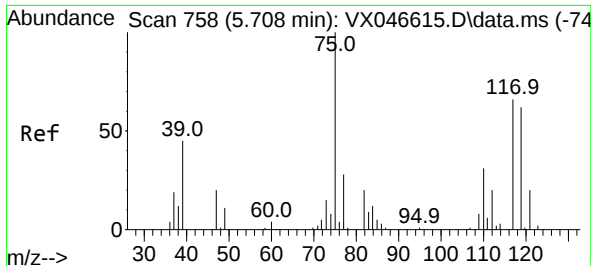
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

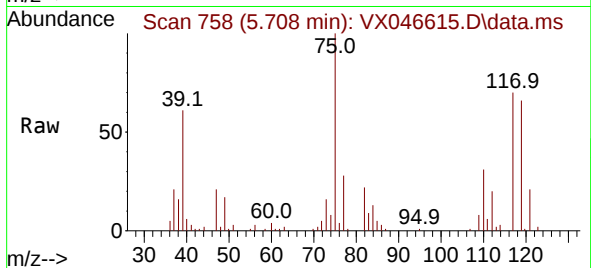
Tgt Ion:114 Resp: 104620
Ion Ratio Lower Upper
114 100
63 22.6 18.1 27.1
88 17.6 14.1 21.1





#29
1,1-Dichloropropene
Concen: 18.824 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

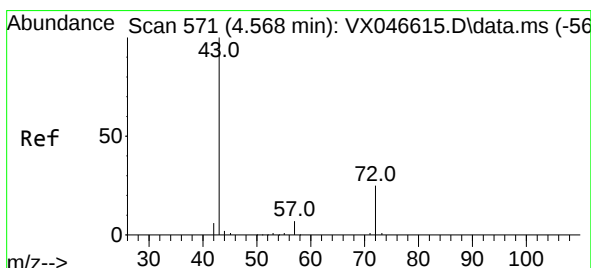
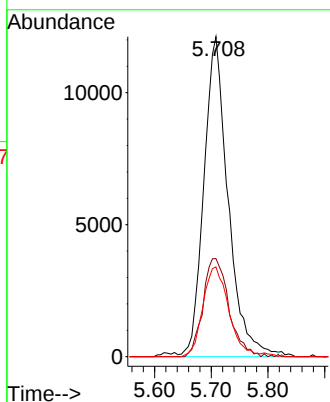
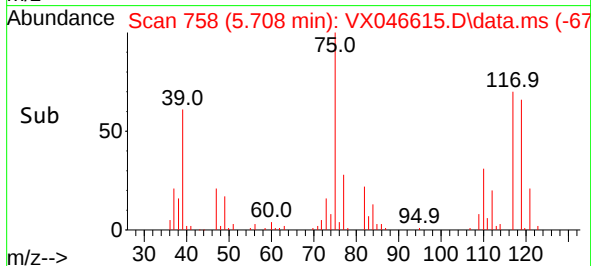
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



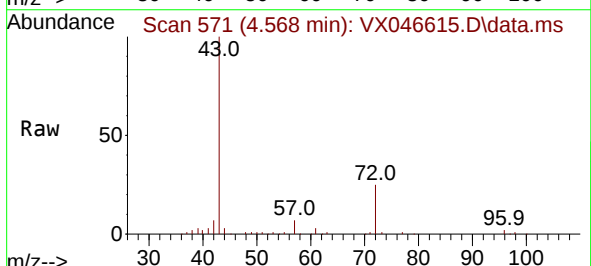
Tgt Ion: 75 Resp: 3594
Ion Ratio Lower Upper
75 100
110 32.7 0.0 65.4
77 29.9 0.0 59.8

Manual Integrations
APPROVED

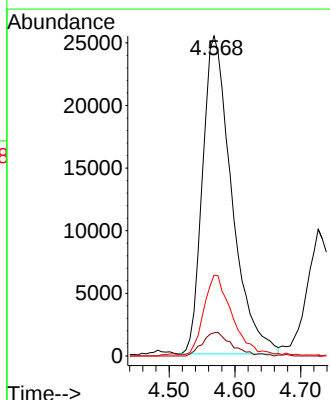
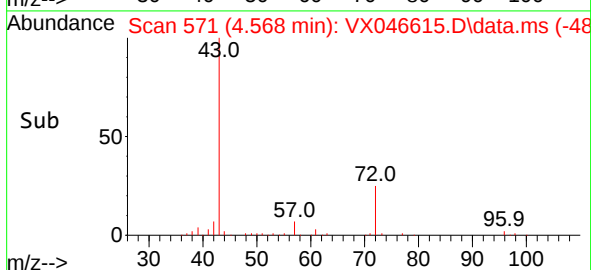
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

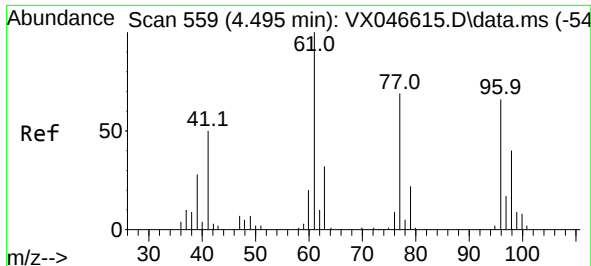


#30
2-Butanone
Concen: 74.462 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40



Tgt Ion: 43 Resp: 78333
Ion Ratio Lower Upper
43 100
57 7.2 5.8 8.6
72 24.3 19.4 29.2





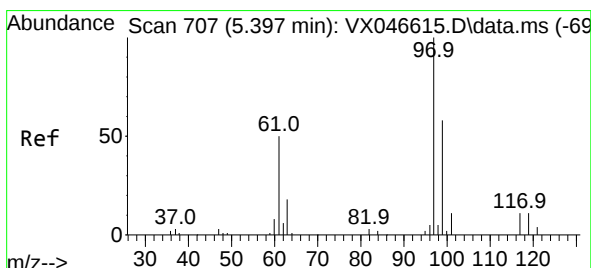
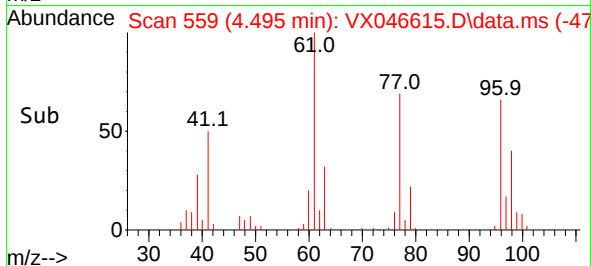
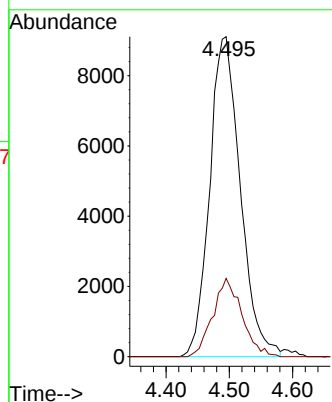
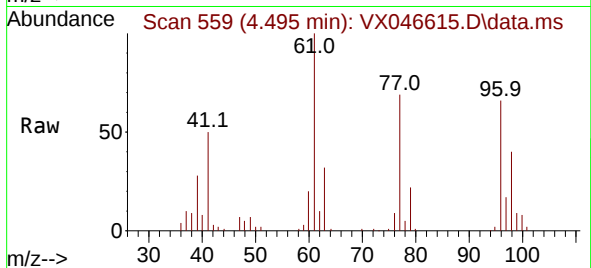
#31
2,2-Dichloropropane
Concen: 14.766 ug/l
RT: 4.495 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 3060
Ion Ratio Lower Upper
77 100
97 23.2 18.6 27.8

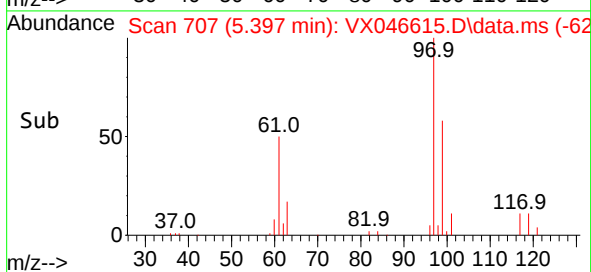
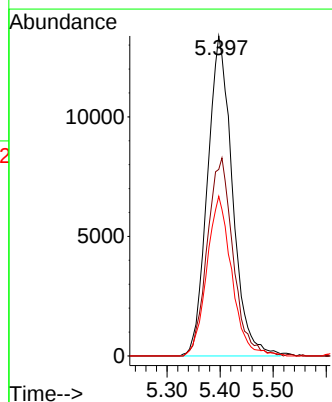
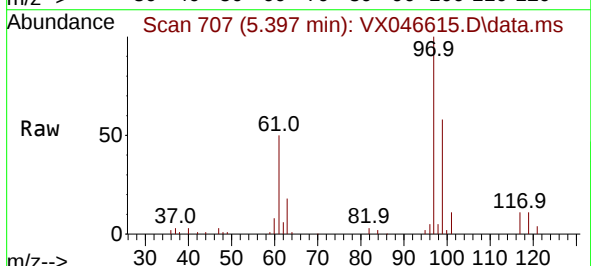
Manual Integrations
APPROVED

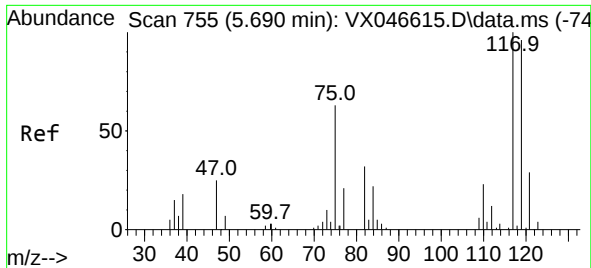
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#32
1,1,1-Trichloroethane
Concen: 18.885 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

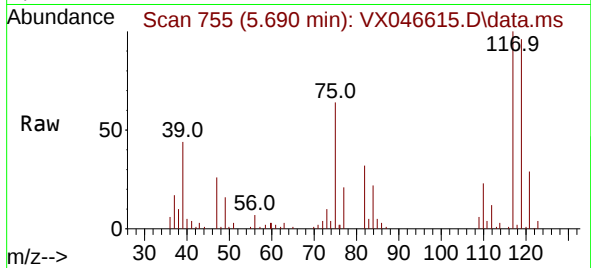
Tgt Ion: 97 Resp: 43830
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 49.4 39.5 59.3





#33
Carbon Tetrachloride
Concen: 19.649 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

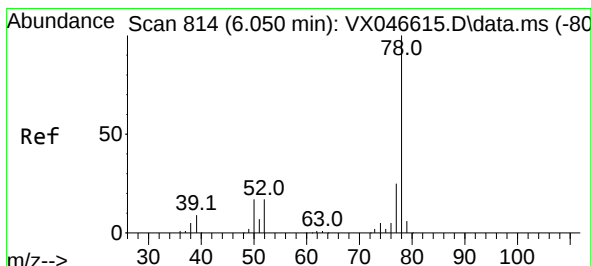
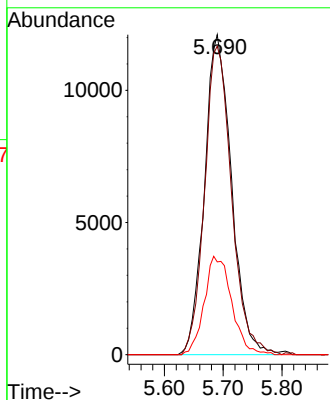
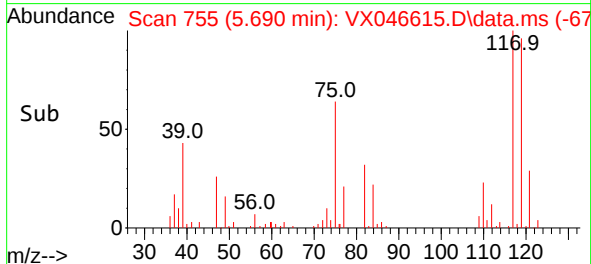
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 3877
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7
121 29.0 23.2 34.8

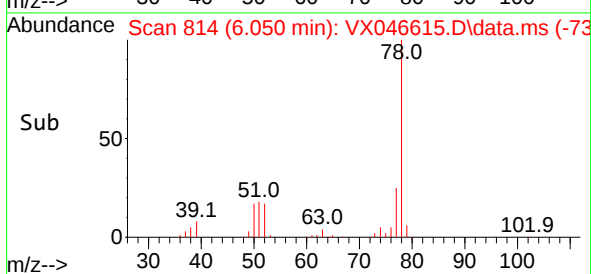
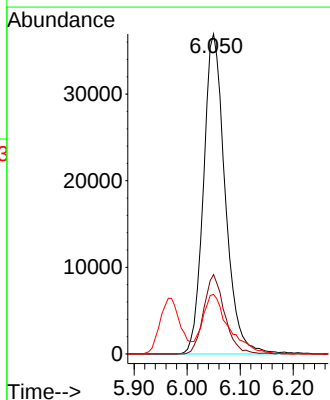
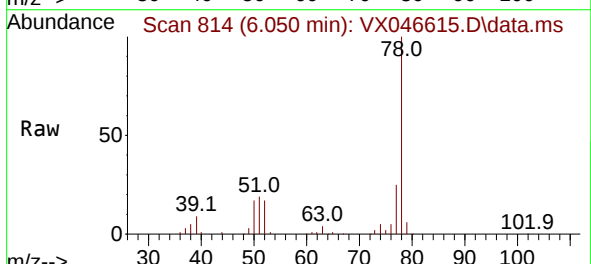
Manual Integrations
APPROVED

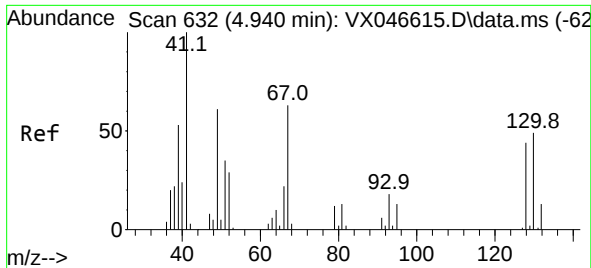
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#34
Benzene
Concen: 17.740 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

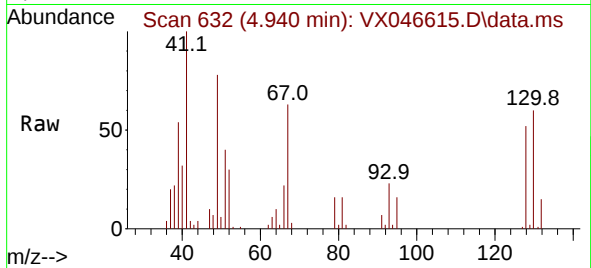
Tgt Ion: 78 Resp: 104632
Ion Ratio Lower Upper
78 100
77 24.8 19.8 29.8
51 18.4 14.7 22.1





#35
Methacrylonitrile
Concen: 16.244 ug/l
RT: 4.940 min Scan# 611
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

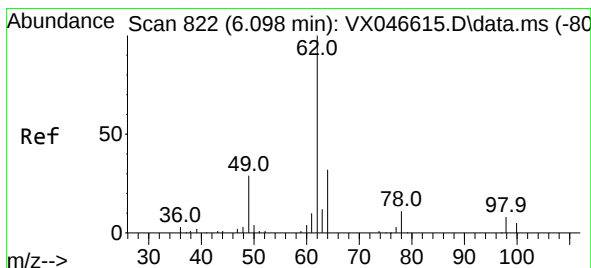
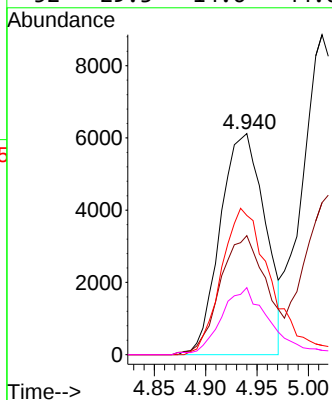
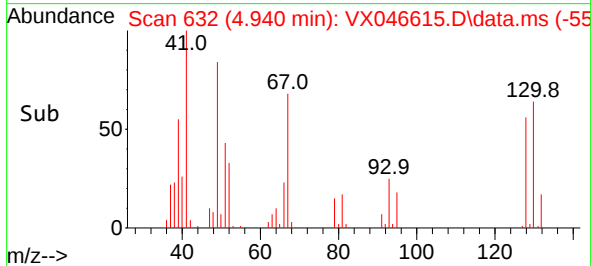
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 41 Resp: 1856
Ion Ratio Lower Upper
41 100
39 52.8 26.4 79.2
67 62.9 31.4 94.3
52 29.3 14.6 44.0

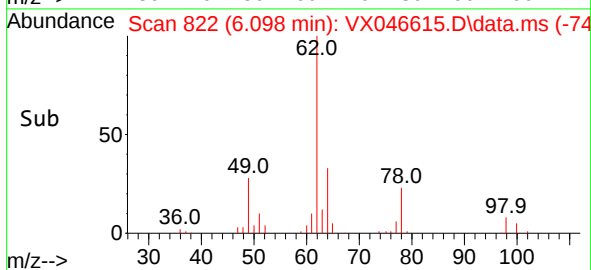
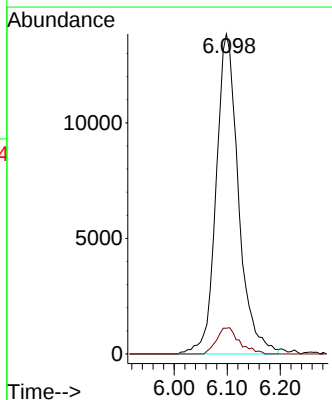
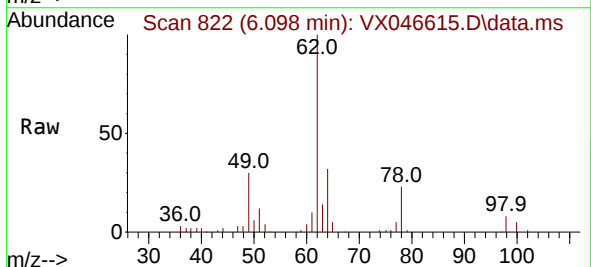
Manual Integrations
APPROVED

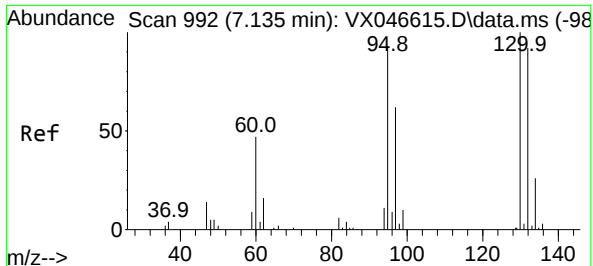
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#36
1,2-Dichloroethane
Concen: 19.638 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Tgt Ion: 62 Resp: 40595
Ion Ratio Lower Upper
62 100
98 8.1 6.5 9.7





#37

Trichloroethene

Concen: 18.401 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.000 min

Lab File: VX046615.D

Acq: 10 Jun 2025 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion:130 Resp: 25550

Ion Ratio Lower Upper

130 100

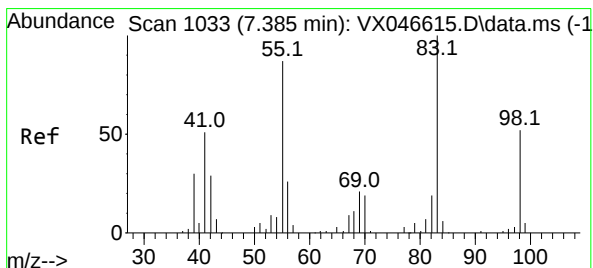
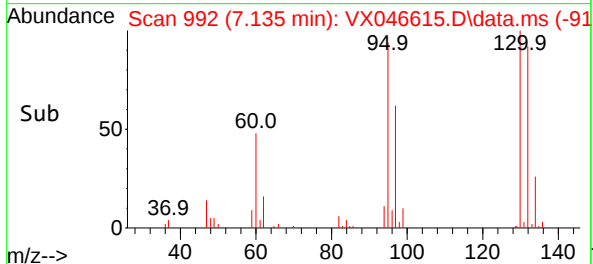
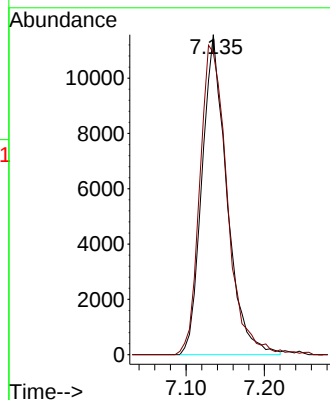
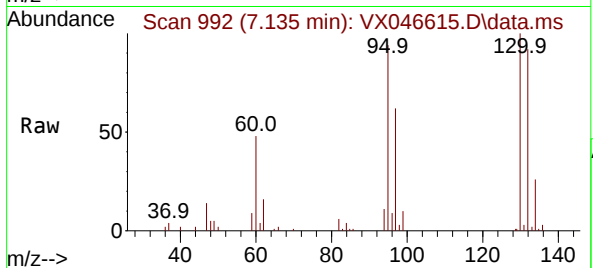
95 93.4 74.7 112.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#38

Methylcyclohexane

Concen: 17.255 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX046615.D

Acq: 10 Jun 2025 20:40

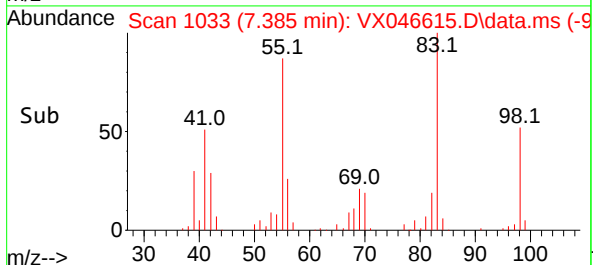
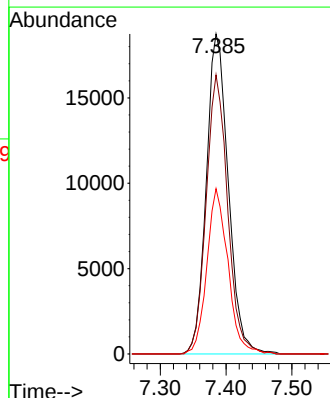
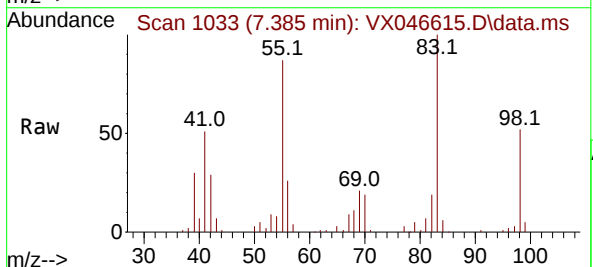
Tgt Ion: 83 Resp: 43701

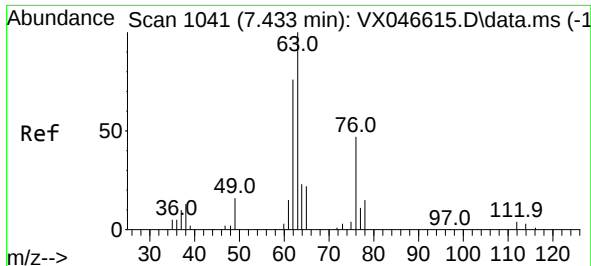
Ion Ratio Lower Upper

83 100

55 85.3 42.6 128.0

98 49.5 24.8 74.3





#39

1,2-Dichloropropane

Concen: 17.600 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX046615.D

Acq: 10 Jun 2025 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 2572

Ion Ratio Lower Upper

63 100

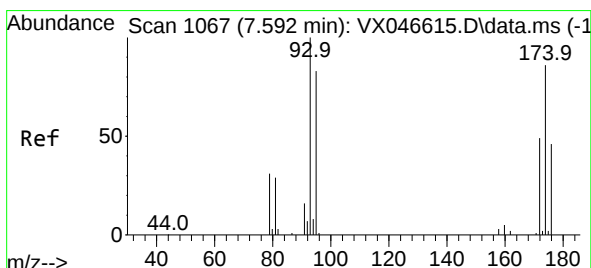
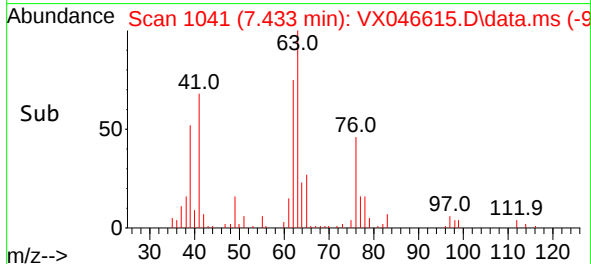
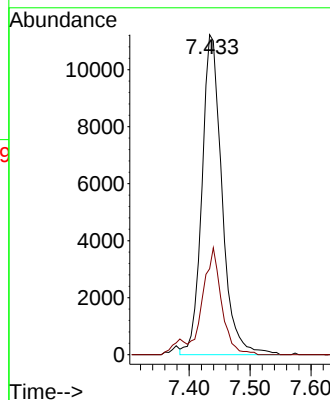
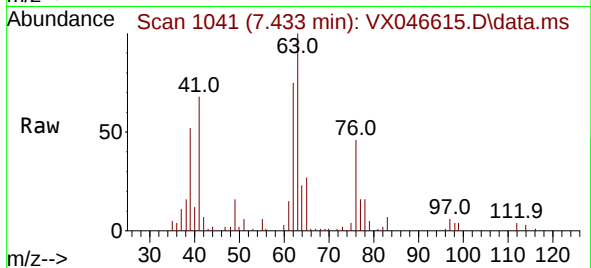
65 26.9 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#40

Dibromomethane

Concen: 18.274 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.000 min

Lab File: VX046615.D

Acq: 10 Jun 2025 20:40

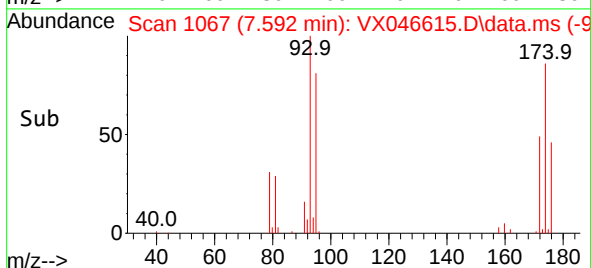
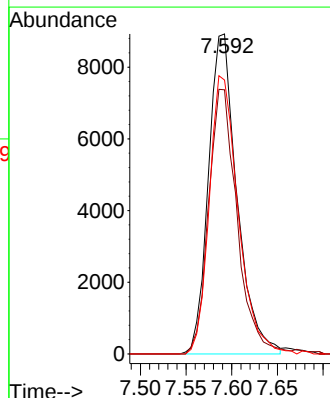
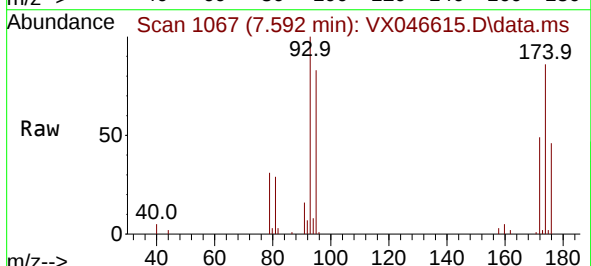
Tgt Ion: 93 Resp: 19378

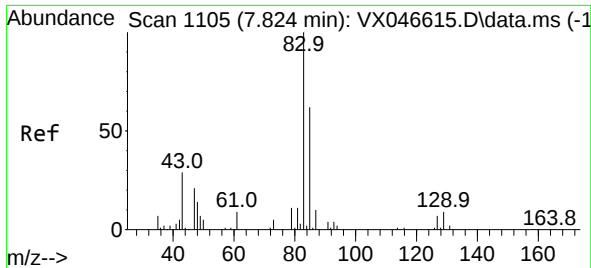
Ion Ratio Lower Upper

93 100

95 82.4 0.0 164.8

174 88.0 0.0 176.0





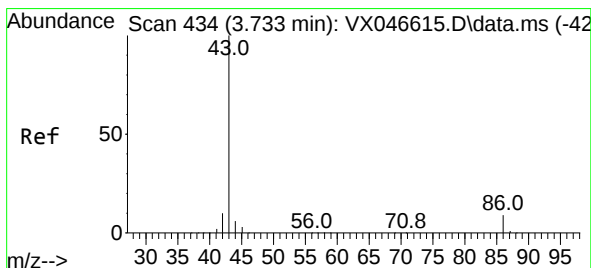
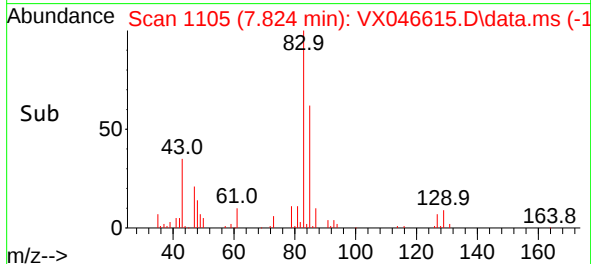
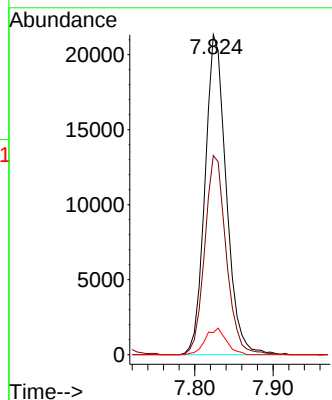
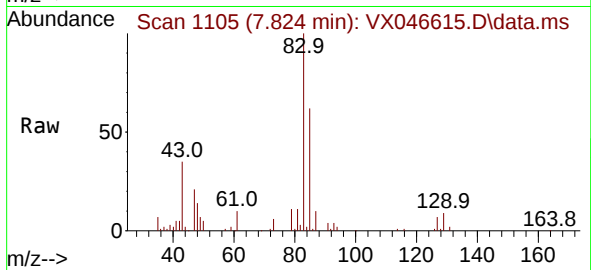
#41
Bromodichloromethane
Concen: 18.873 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 83 Resp: 40158
Ion Ratio Lower Upper
83 100
85 62.2 49.8 74.6
127 6.9 5.5 8.3

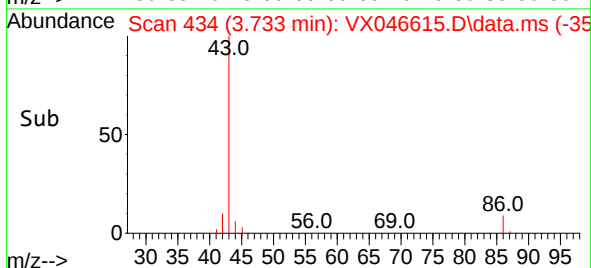
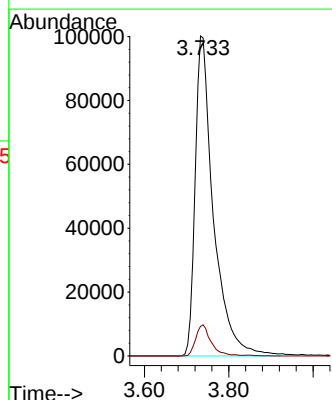
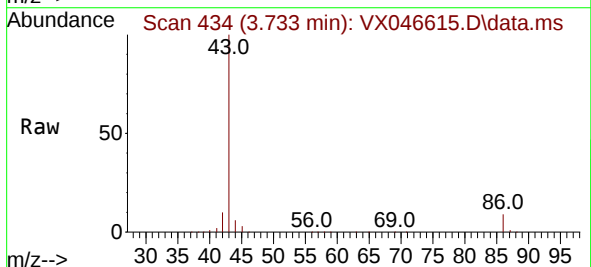
Manual Integrations
APPROVED

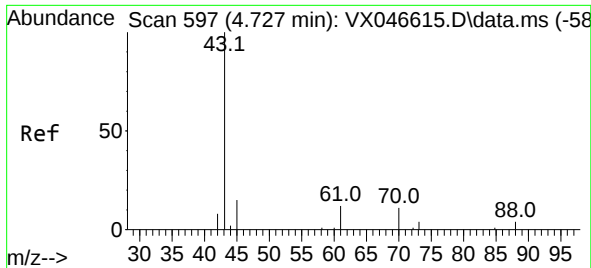
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#42
Vinyl Acetate
Concen: 74.002 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

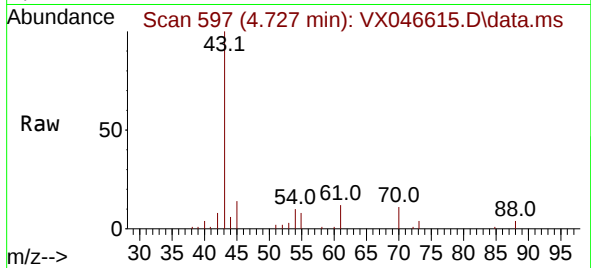
Tgt Ion: 43 Resp: 302566
Ion Ratio Lower Upper
43 100
86 8.0 6.4 9.6





#43
Ethyl Acetate
Concen: 16.308 ug/l m
RT: 4.727 min Scan# 597
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

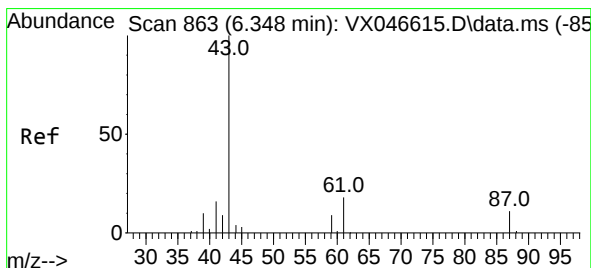
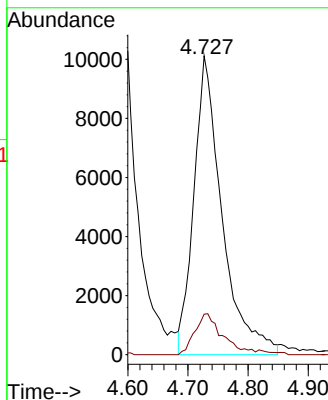
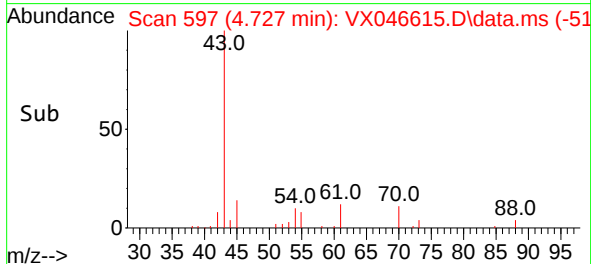
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 3287
Ion Ratio Lower Upper
43 100
45 10.0 7.9 11.9

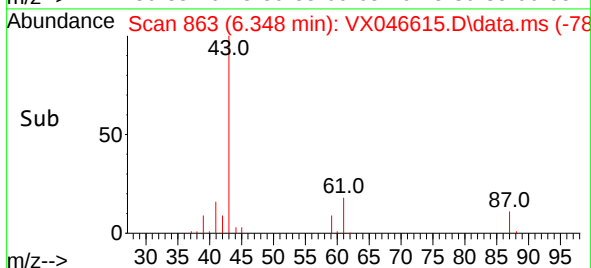
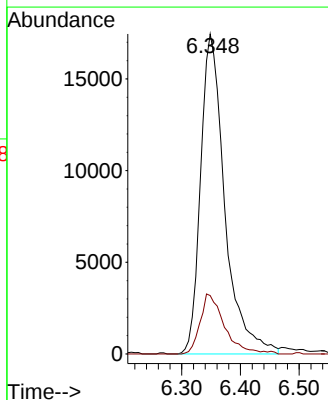
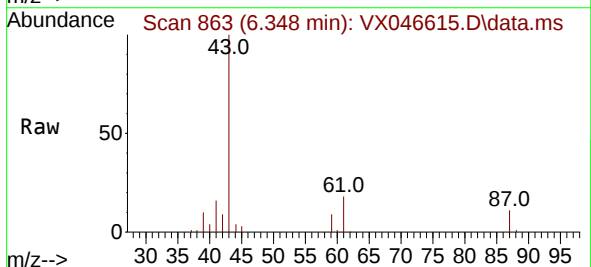
Manual Integrations
APPROVED

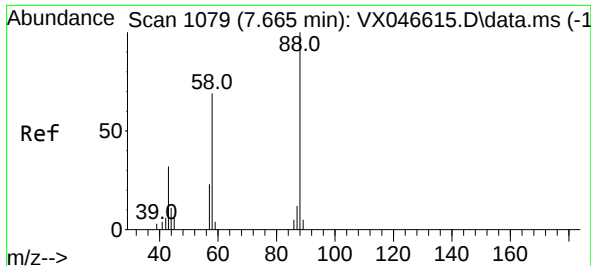
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#44
Isopropyl Acetate
Concen: 15.182 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Tgt Ion: 43 Resp: 49958
Ion Ratio Lower Upper
43 100
61 18.7 15.0 22.4





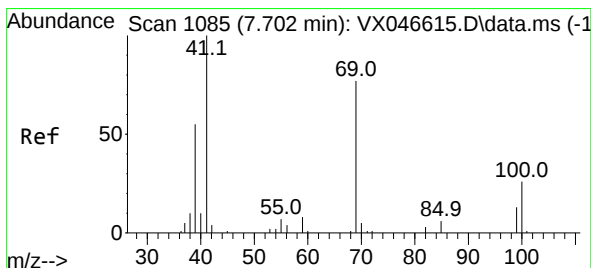
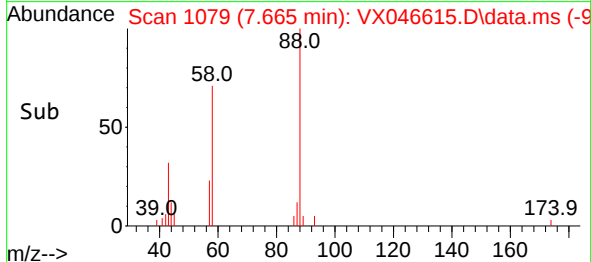
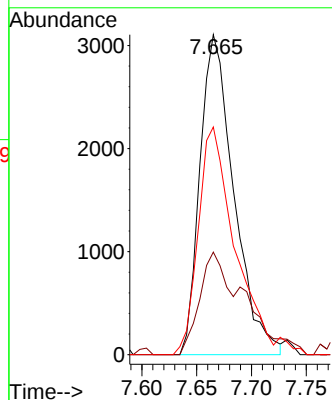
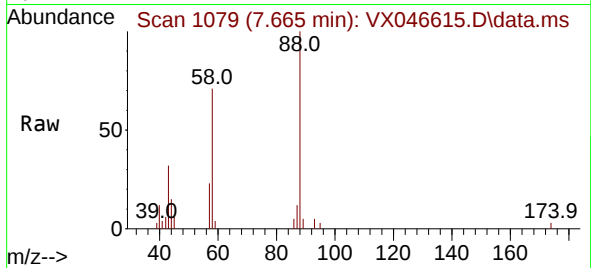
#45
1,4-Dioxane
Concen: 210.513 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 88 Resp: 6680
Ion Ratio Lower Upper
88 100
43 27.0 21.6 32.4
58 76.0 60.8 91.2

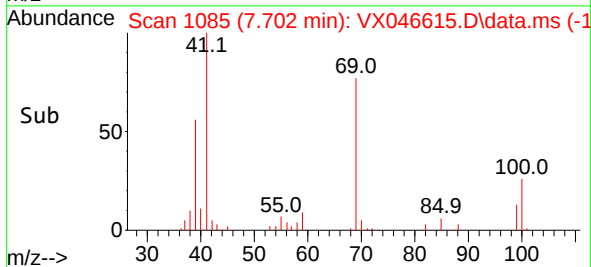
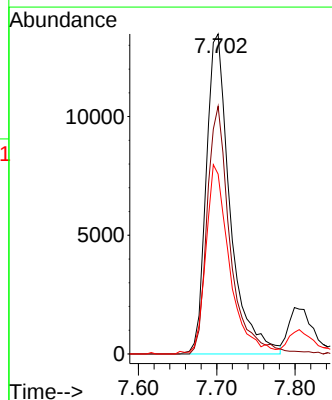
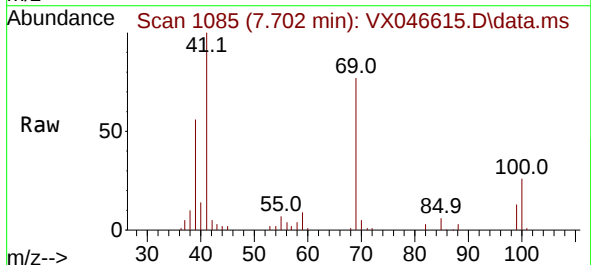
Manual Integrations
APPROVED

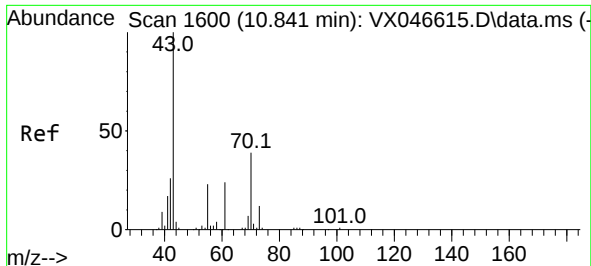
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#46
Methyl methacrylate
Concen: 17.272 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

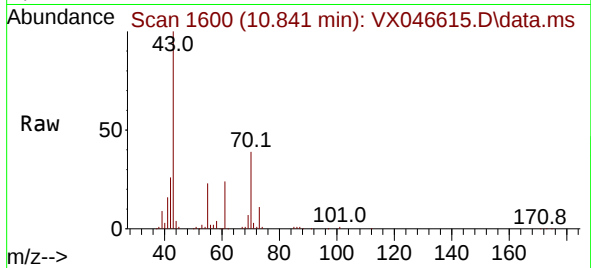
Tgt Ion: 41 Resp: 28485
Ion Ratio Lower Upper
41 100
69 77.4 38.7 116.1
39 55.4 27.7 83.1





#47
n-amy1 Acetate
Concen: 14.016 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

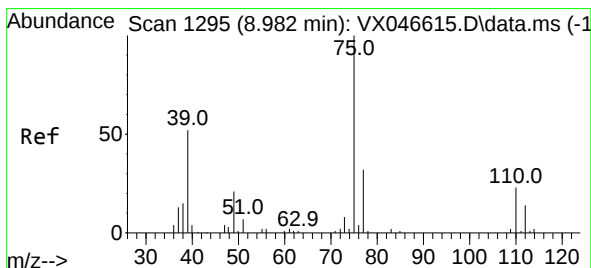
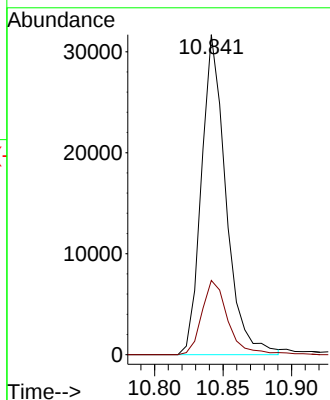
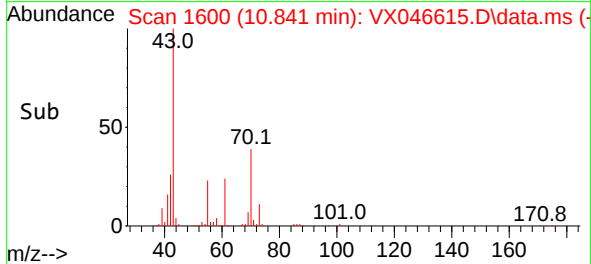
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 3940
Ion Ratio Lower Upper
43 100
55 24.3 19.4 29.2

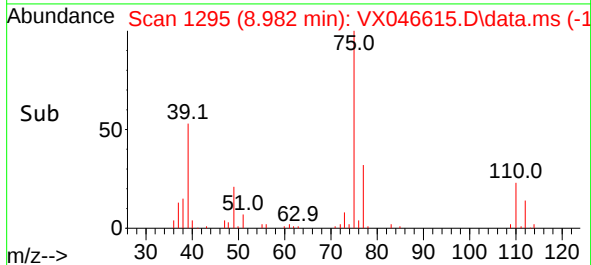
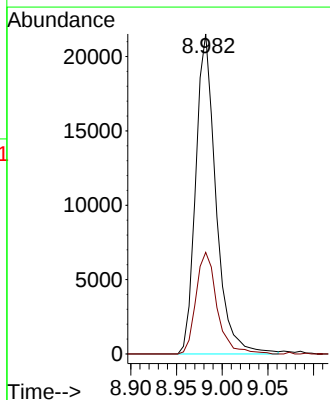
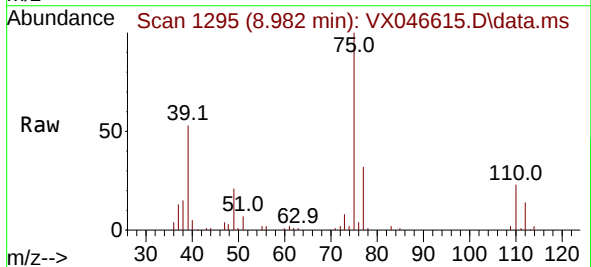
Manual Integrations
APPROVED

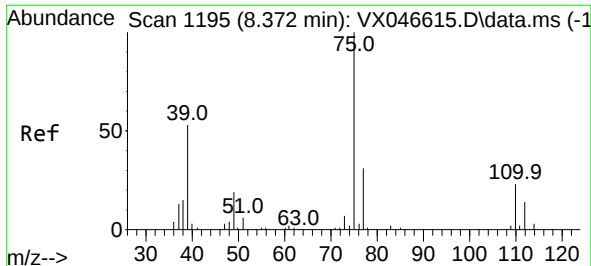
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#48
t-1,3-Dichloropropene
Concen: 16.357 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Tgt Ion: 75 Resp: 33109
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 16.782 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046615.D

Acq: 10 Jun 2025 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 3815

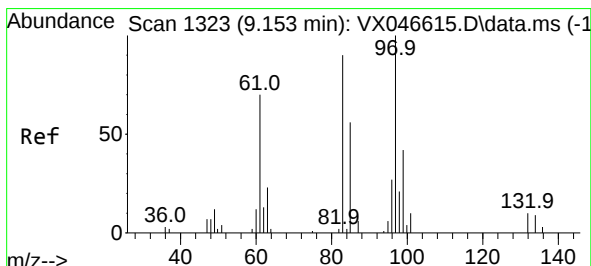
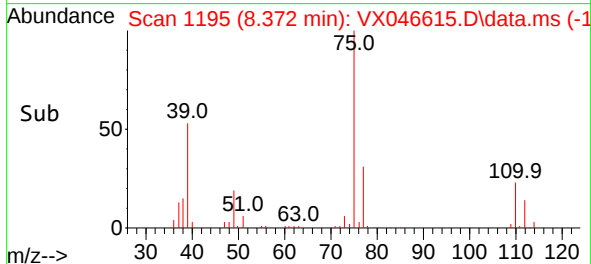
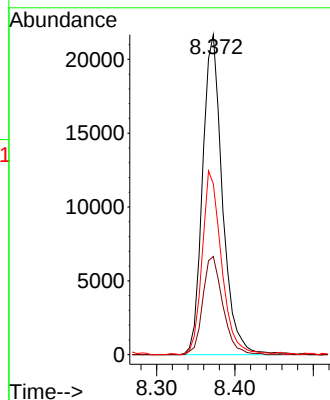
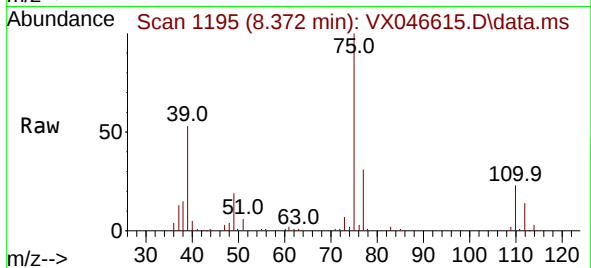
Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	36.8
39	53.4	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#50

1,1,2-Trichloroethane

Concen: 17.930 ug/l

RT: 9.153 min Scan# 1323

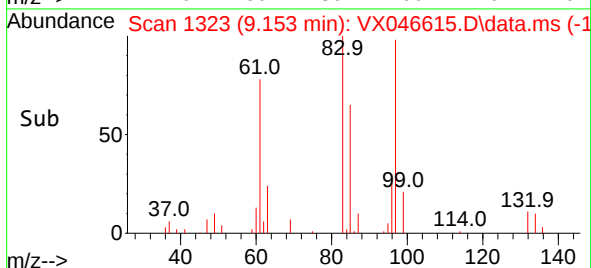
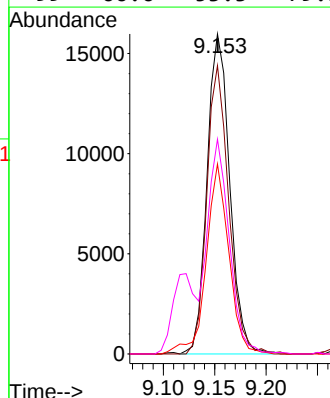
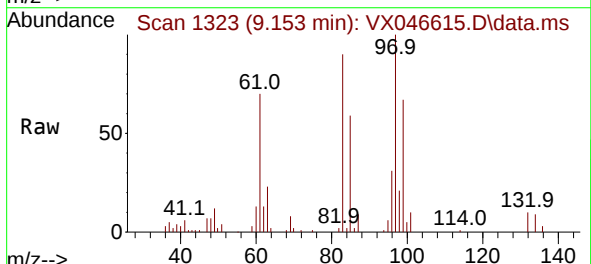
Delta R.T. 0.000 min

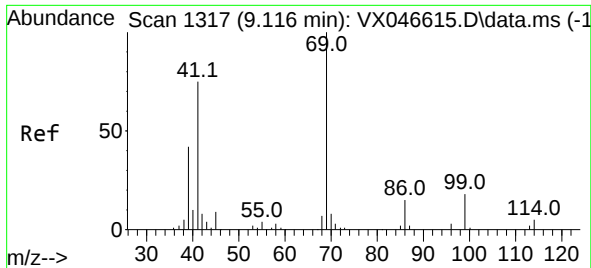
Lab File: VX046615.D

Acq: 10 Jun 2025 20:40

Tgt Ion: 97 Resp: 24532

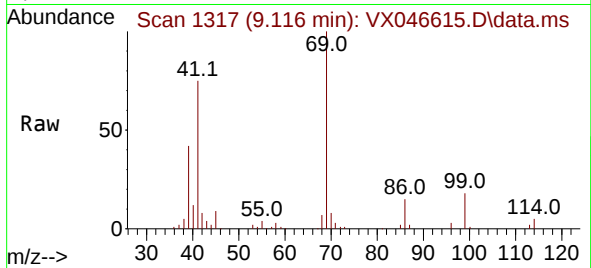
Ion	Ratio	Lower	Upper
97	100		
83	90.1	72.1	108.1
85	59.4	47.5	71.3
99	66.6	53.3	79.9





#51
Ethyl methacrylate
Concen: 16.690 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

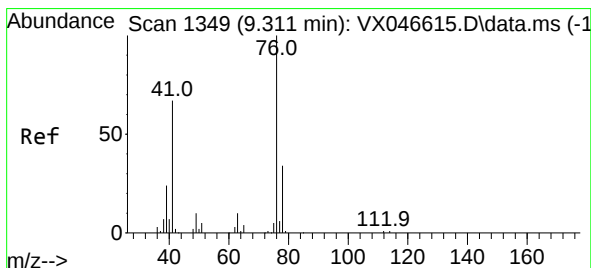
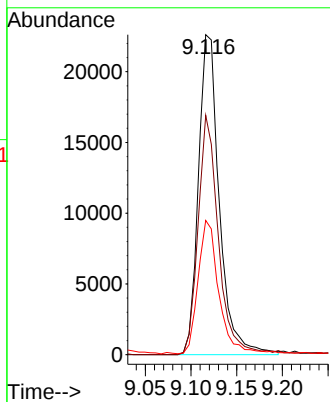
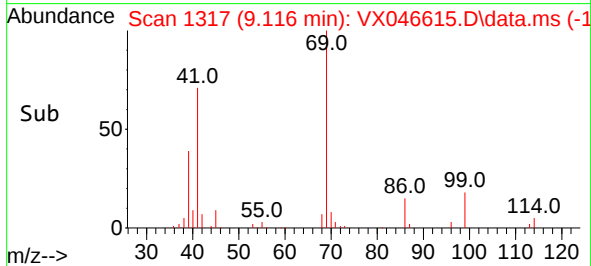
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 3606
Ion Ratio Lower Upper
69 100
41 74.8 37.4 112.2
39 41.7 20.8 62.5

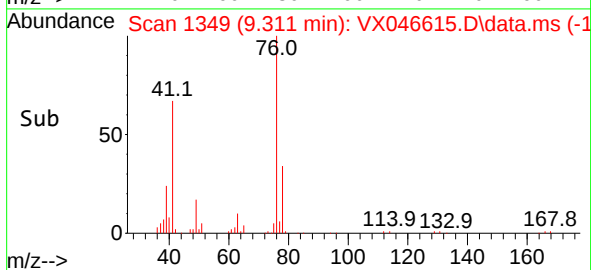
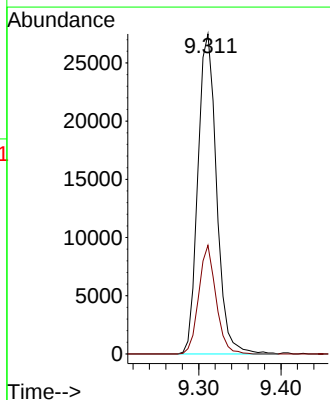
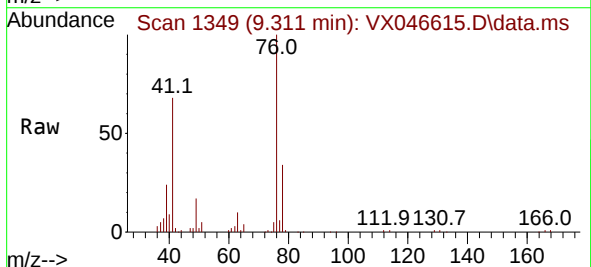
Manual Integrations
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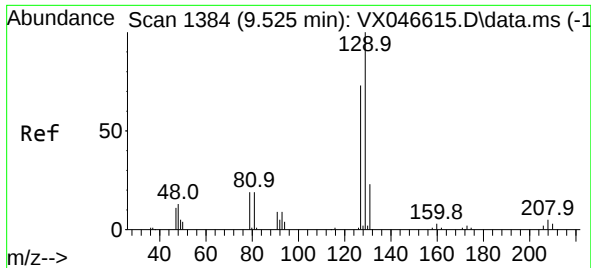
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#52
1,3-Dichloropropane
Concen: 18.066 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Tgt Ion: 76 Resp: 43428
Ion Ratio Lower Upper
76 100
78 31.3 0.0 62.6





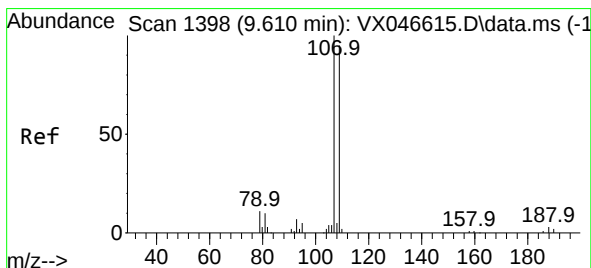
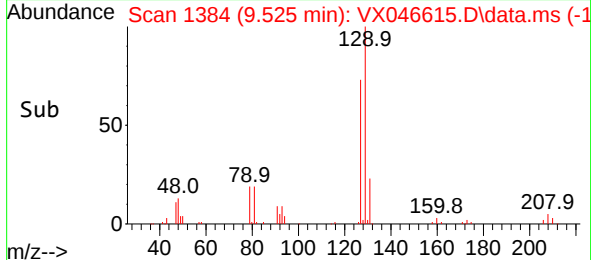
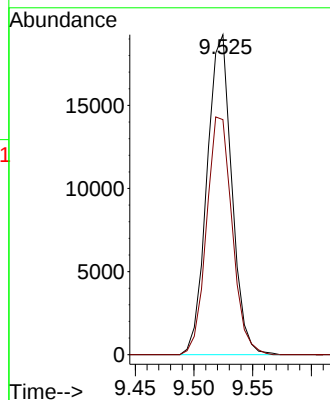
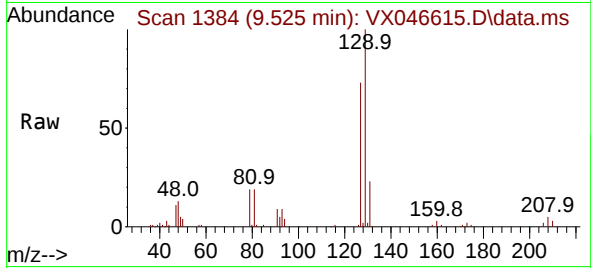
#53
 Dibromochloromethane
 Concen: 18.483 ug/l
 RT: 9.525 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VX046615.D
 Acq: 10 Jun 2025 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tgt Ion:129 Resp: 2833
 Ion Ratio Lower Upper
 129 100
 127 76.6 38.3 114.9

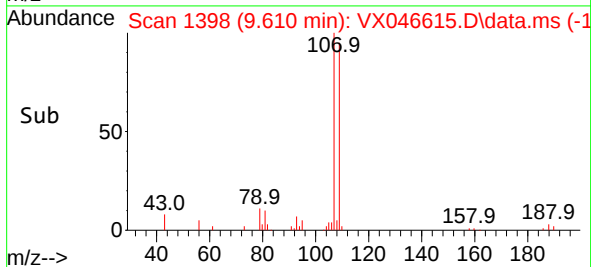
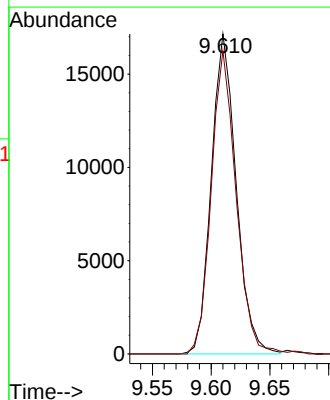
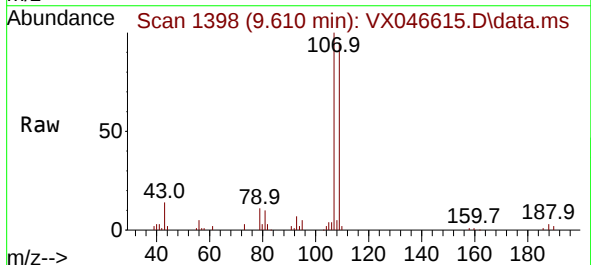
Manual Integrations
 APPROVED

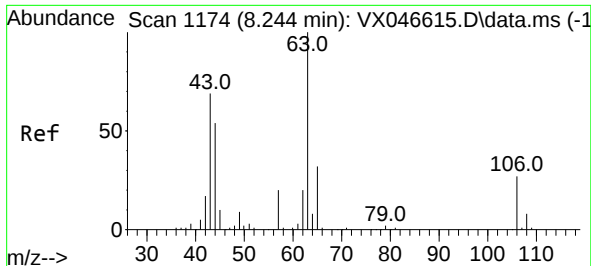
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#54
 1,2-Dibromoethane
 Concen: 18.026 ug/l
 RT: 9.610 min Scan# 1398
 Delta R.T. 0.000 min
 Lab File: VX046615.D
 Acq: 10 Jun 2025 20:40

Tgt Ion:107 Resp: 25214
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.8 113.8





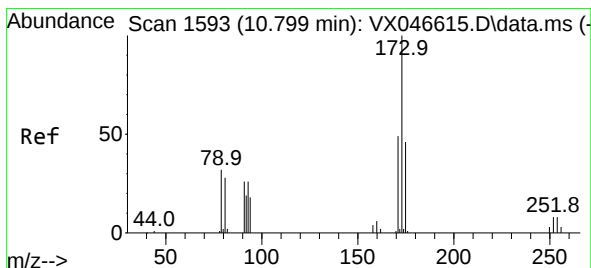
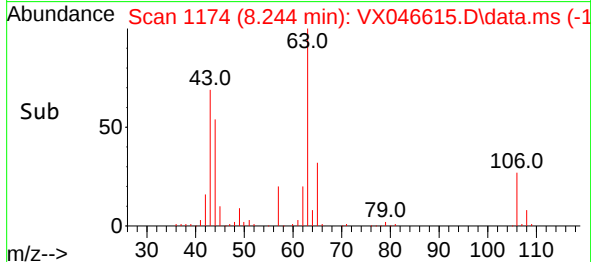
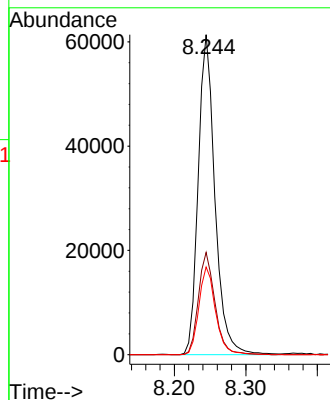
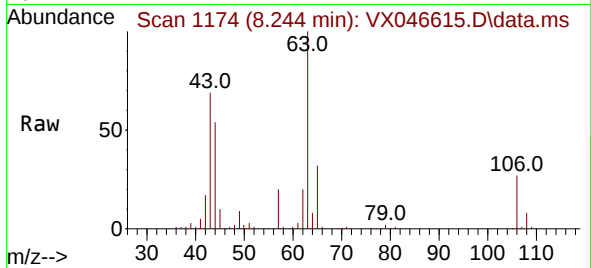
#55
2-Chloroethyl vinyl ether
Concen: 89.461 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 99715
Ion Ratio Lower Upper
63 100
65 31.5 25.2 37.8
106 27.2 21.8 32.6

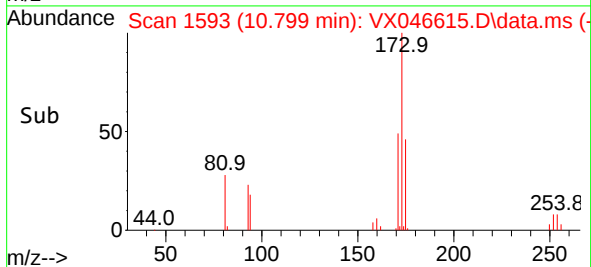
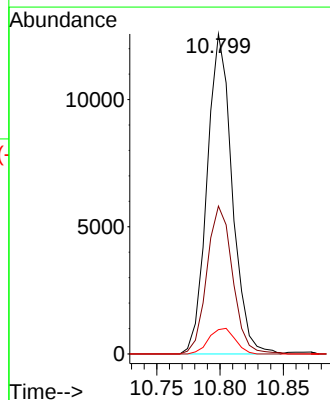
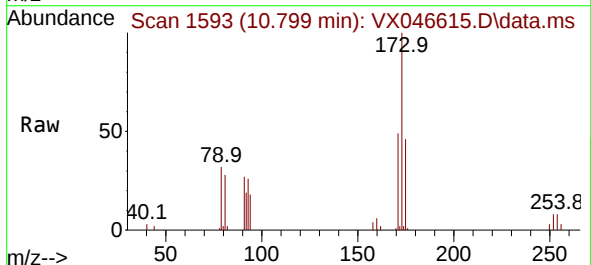
Manual Integrations
APPROVED

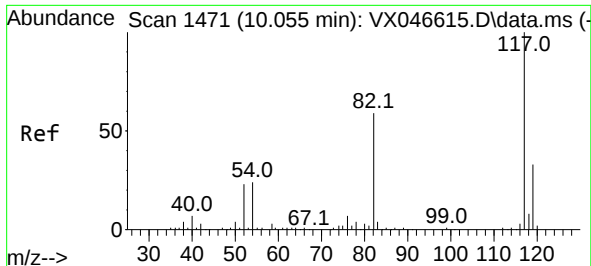
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#56
Bromoform
Concen: 17.940 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Tgt Ion:173 Resp: 17350
Ion Ratio Lower Upper
173 100
175 47.5 38.0 57.0
254 8.4 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX046615.D

Acq: 10 Jun 2025 20:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

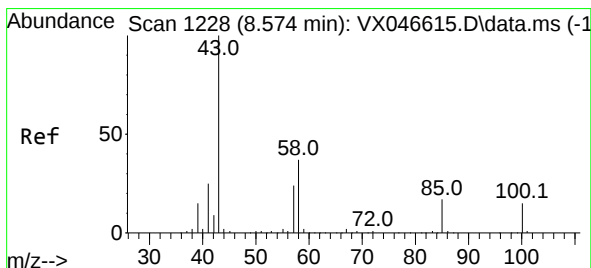
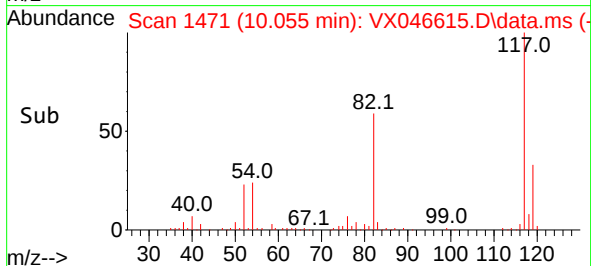
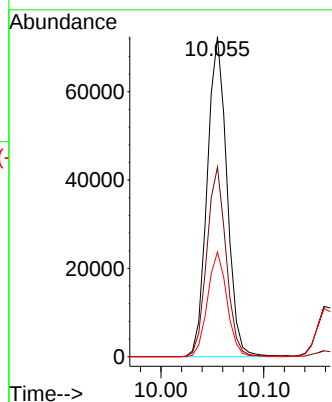
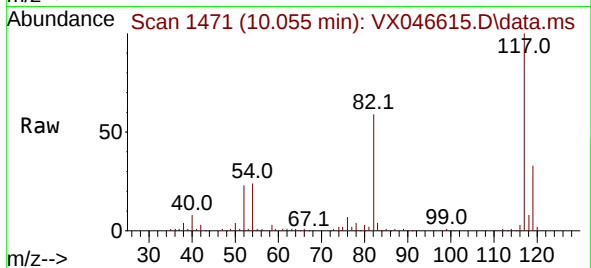
Tgt Ion:	117	Resp:	96769
Ion Ratio	Lower	Upper	
117	100		
82	58.1	46.5	69.7
119	32.2	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#58

4-Methyl-2-Pentanone

Concen: 80.064 ug/l

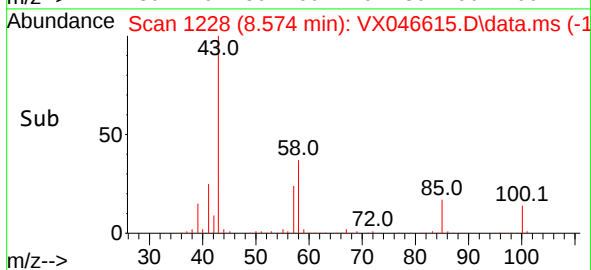
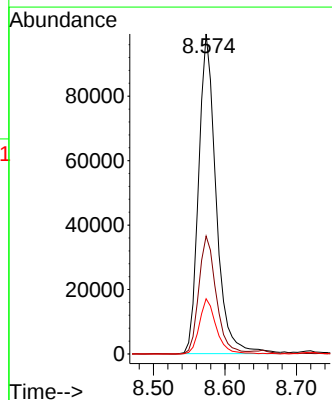
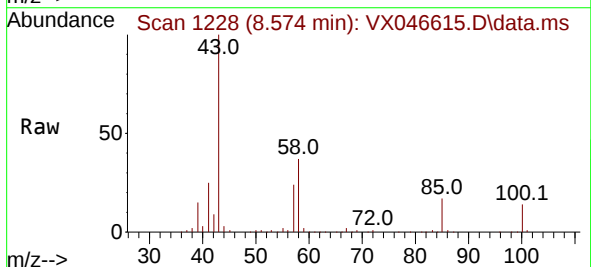
RT: 8.574 min Scan# 1228

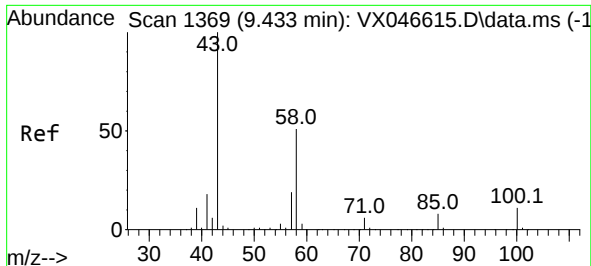
Delta R.T. 0.000 min

Lab File: VX046615.D

Acq: 10 Jun 2025 20:40

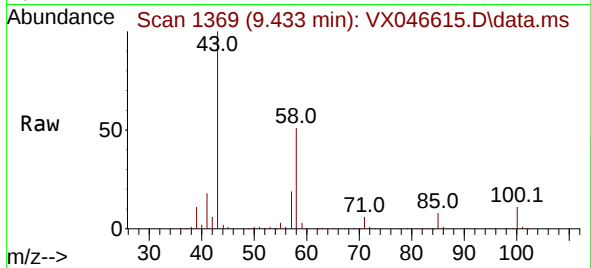
Tgt Ion:	43	Resp:	168105
Ion Ratio	Lower	Upper	
43	100		
58	36.9	29.4	44.2
85	16.6	13.3	19.9





#59
2-Hexanone
Concen: 78.596 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

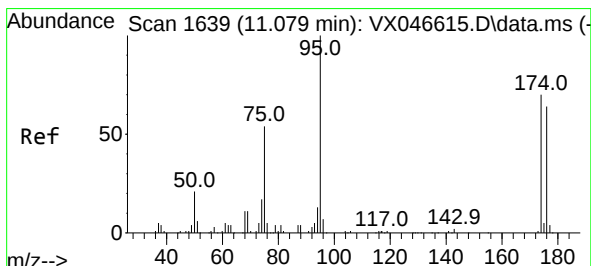
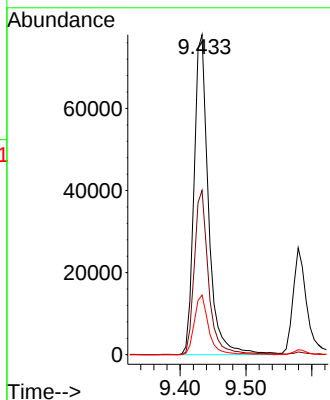
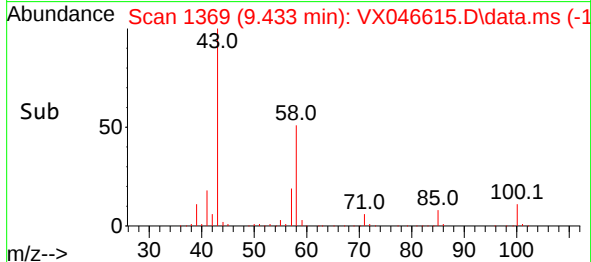
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



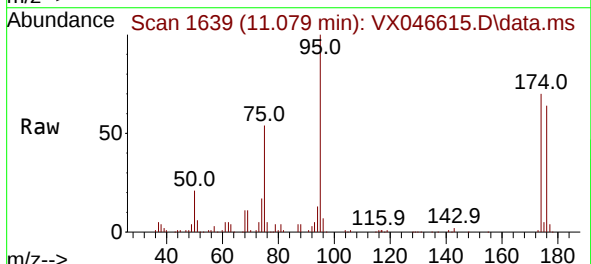
Tgt Ion: 43 Resp: 11903
Ion Ratio Lower Upper
43 100
58 49.8 39.8 59.8
57 18.1 14.5 21.7

Manual Integrations
APPROVED

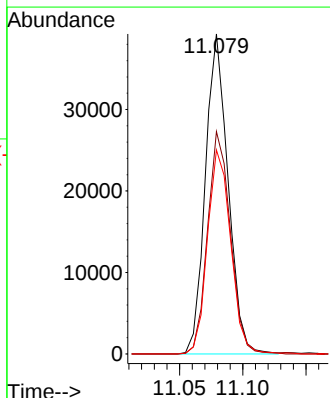
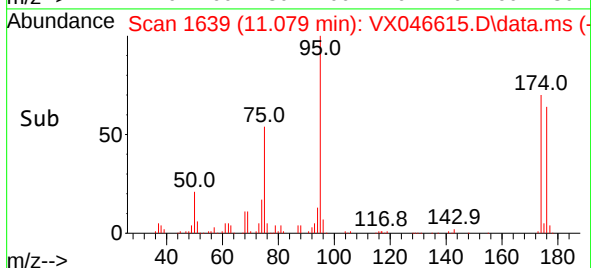
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

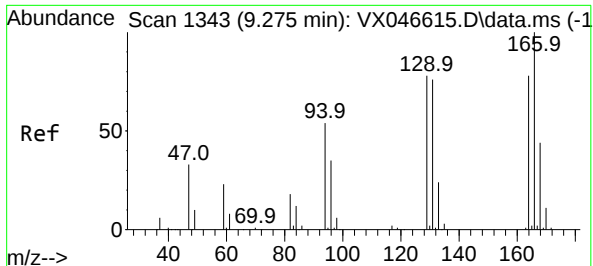


#60
4-Bromofluorobenzene
Concen: 27.592 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40



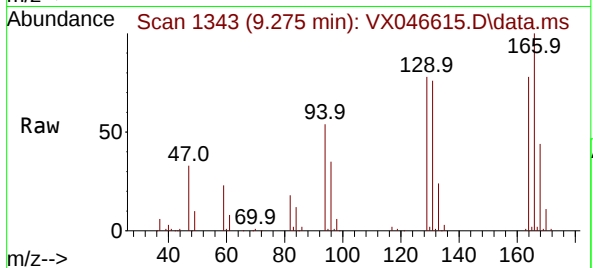
Tgt Ion: 95 Resp: 48951
Ion Ratio Lower Upper
95 100
174 70.0 56.0 84.0
176 65.3 52.2 78.4





#61
Tetrachloroethene
Concen: 18.338 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

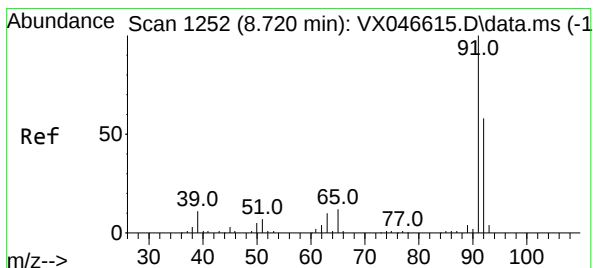
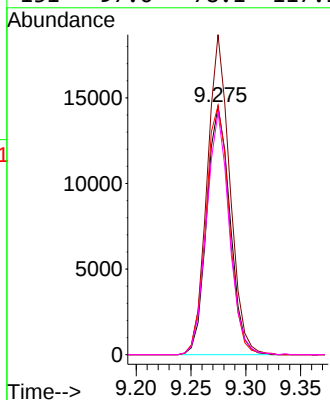
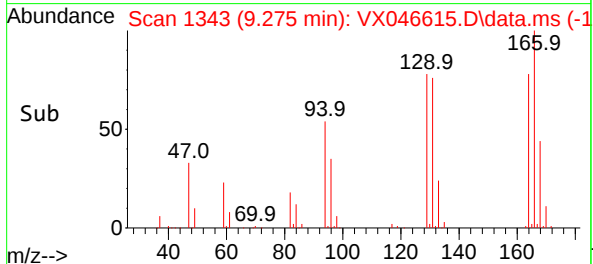
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



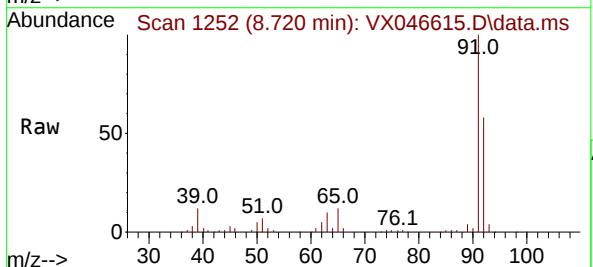
Tgt Ion:164 Resp: 2142
Ion Ratio Lower Upper
164 100
166 128.9 103.1 154.7
129 100.4 80.3 120.5
131 97.6 78.1 117.1

Manual Integrations
APPROVED

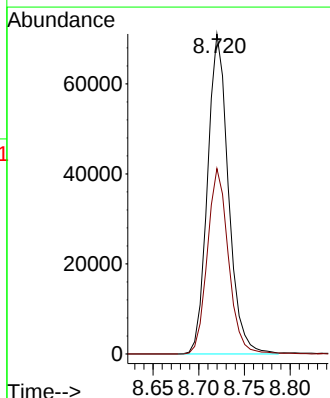
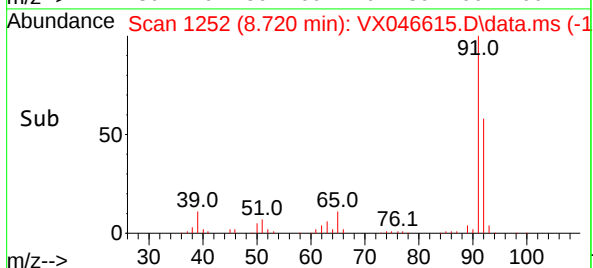
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

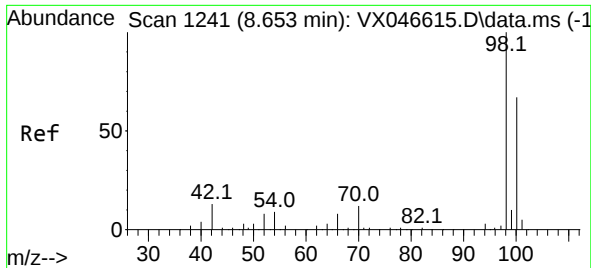


#62
Toluene
Concen: 17.967 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40



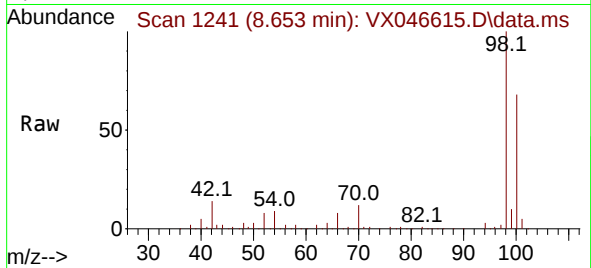
Tgt Ion: 91 Resp: 112826
Ion Ratio Lower Upper
91 100
92 58.5 46.8 70.2





#63
Toluene-d8
Concen: 25.448 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

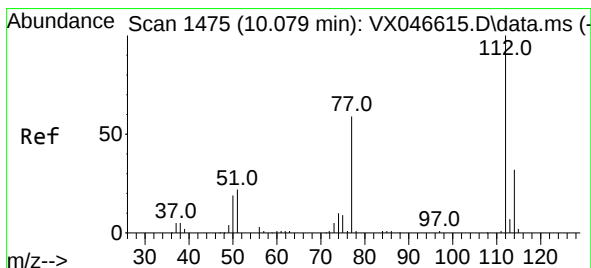
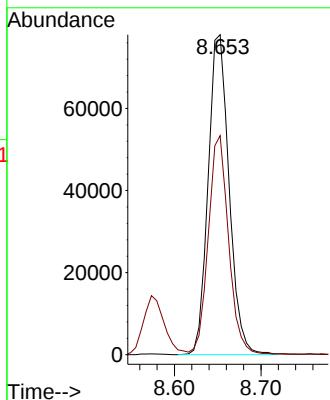
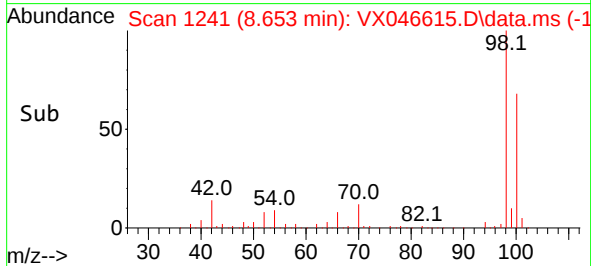
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



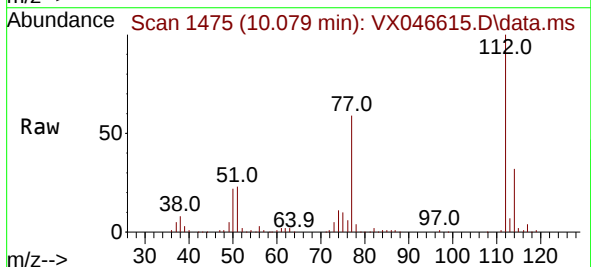
Tgt Ion: 98 Resp: 131060
Ion Ratio Lower Upper
98 100
100 65.8 52.6 79.0

Manual Integrations
APPROVED

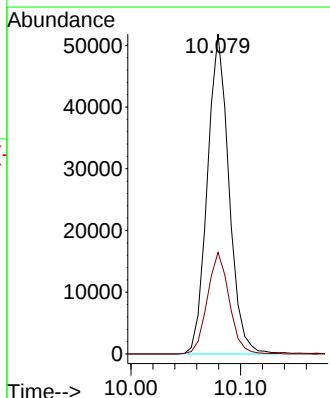
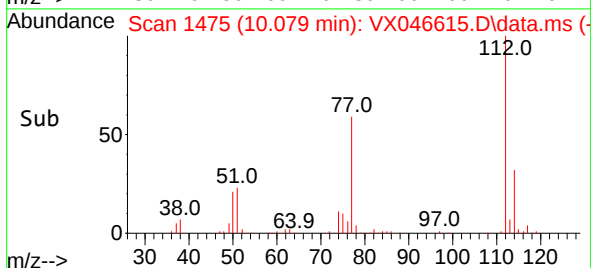
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

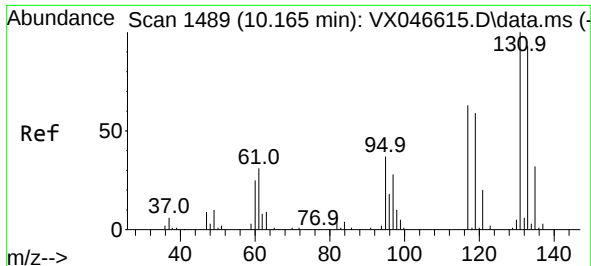


#64
Chlorobenzene
Concen: 18.184 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40



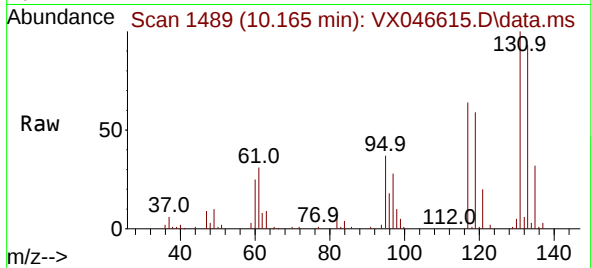
Tgt Ion:112 Resp: 70885
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0





#65
1,1,1,2-Tetrachloroethane
Concen: 18.443 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

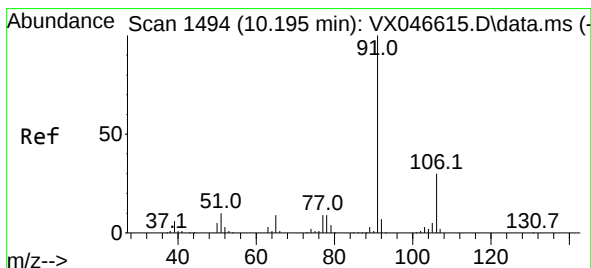
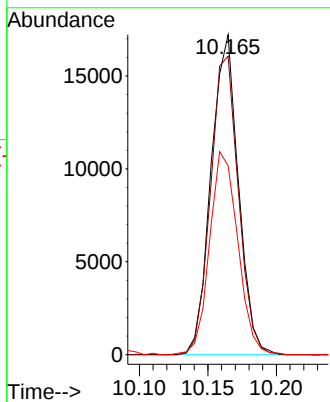
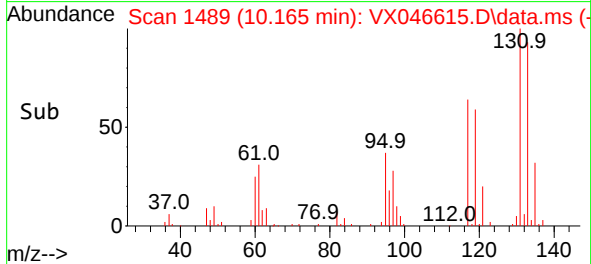
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 2388
Ion Ratio Lower Upper
131 100
133 95.3 0.0 190.6
119 65.6 0.0 131.2

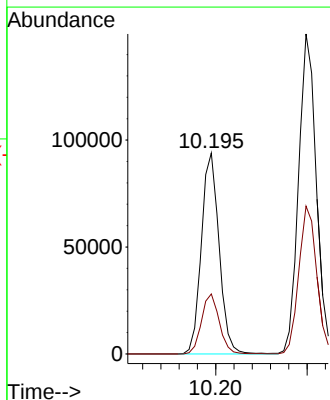
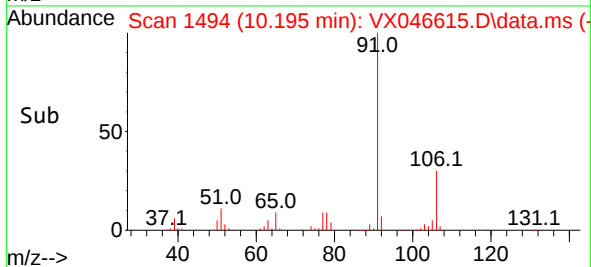
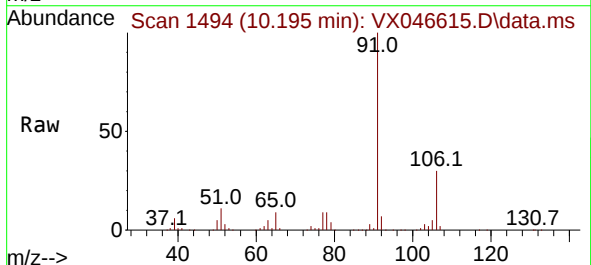
Manual Integrations
APPROVED

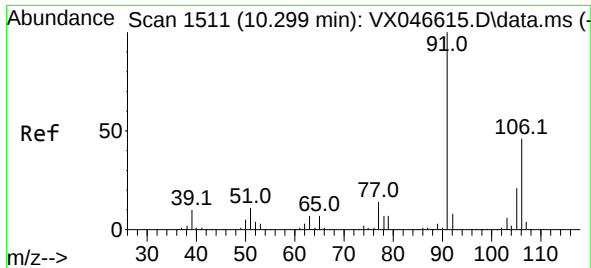
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#66
Ethyl Benzene
Concen: 18.282 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Tgt Ion: 91 Resp: 126701
Ion Ratio Lower Upper
91 100
106 29.9 23.9 35.9





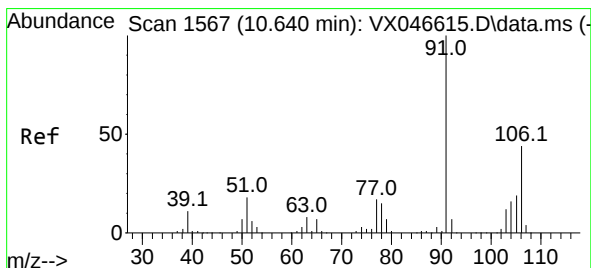
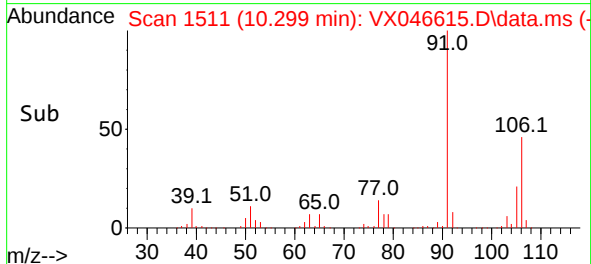
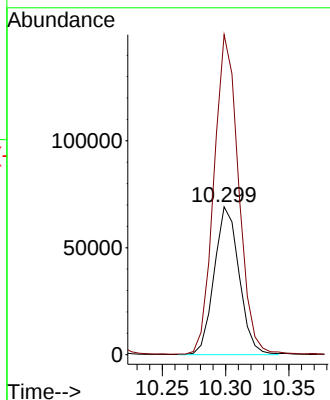
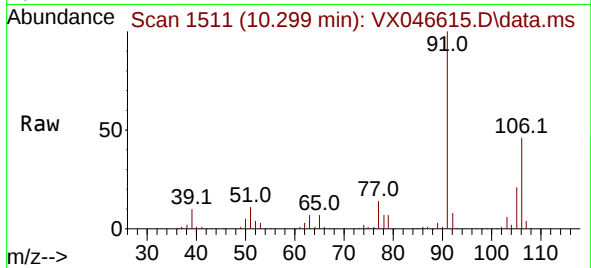
#67
m/p-Xylenes
Concen: 36.954 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:106 Resp: 94670
Ion Ratio Lower Upper
106 100
91 214.4 171.5 257.3

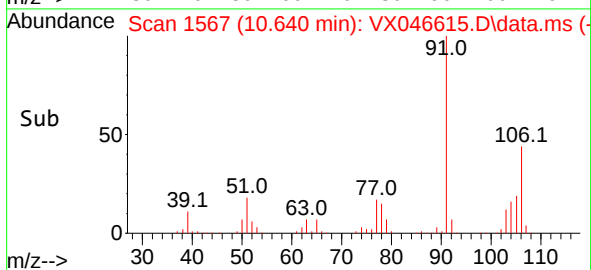
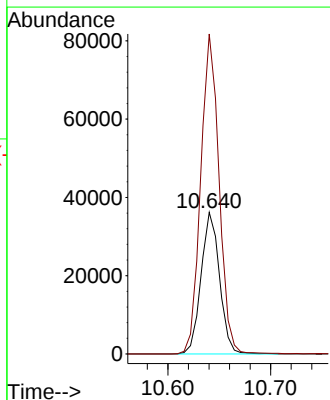
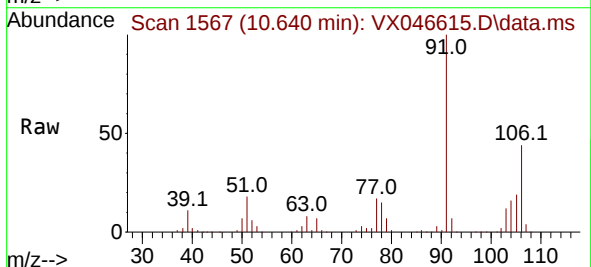
Manual Integrations
APPROVED

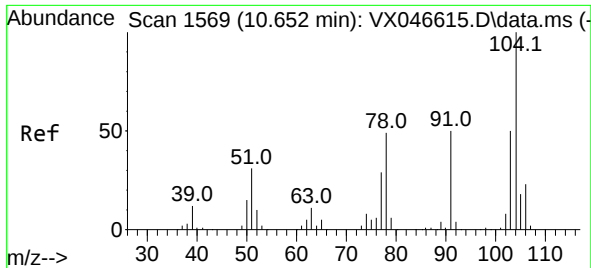
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#68
o-Xylene
Concen: 18.103 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Tgt Ion:106 Resp: 45327
Ion Ratio Lower Upper
106 100
91 224.6 112.3 336.9





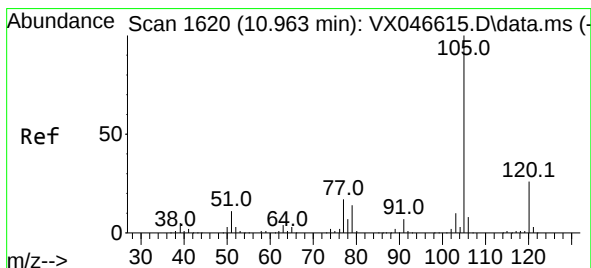
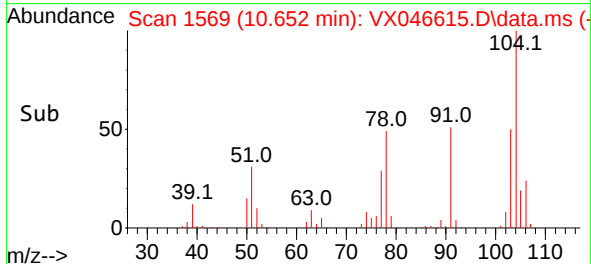
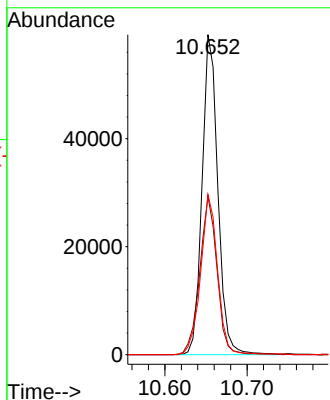
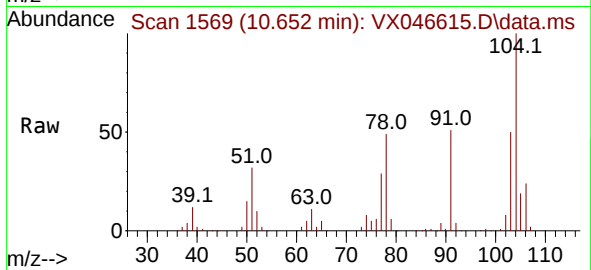
#69
Styrene
Concen: 18.701 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:104 Resp: 79010
Ion Ratio Lower Upper
104 100
78 53.9 43.1 64.7
103 53.6 42.9 64.3

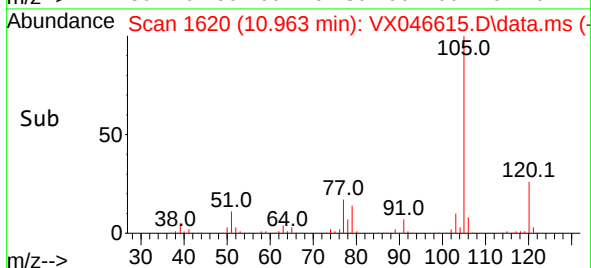
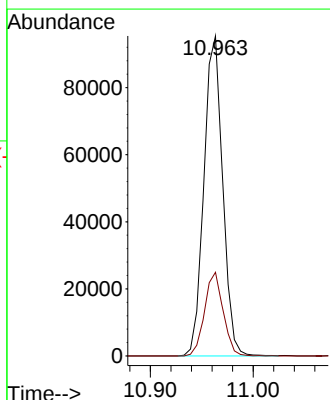
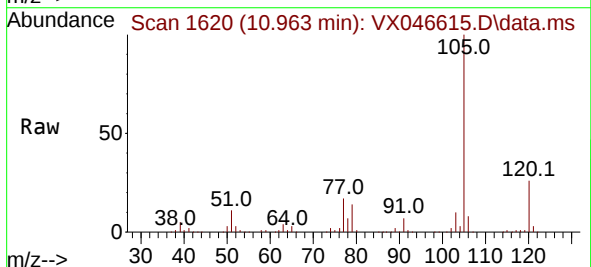
Manual Integrations
APPROVED

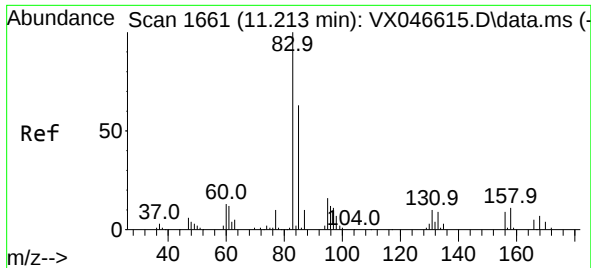
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#70
Isopropylbenzene
Concen: 18.592 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

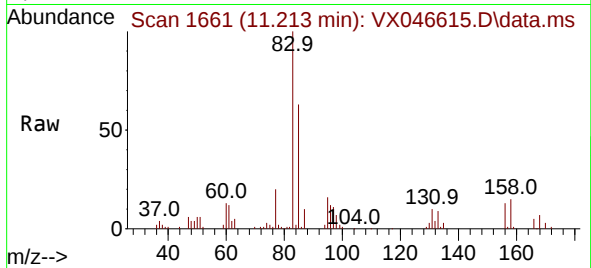
Tgt Ion:105 Resp: 121135
Ion Ratio Lower Upper
105 100
120 25.8 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 17.238 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

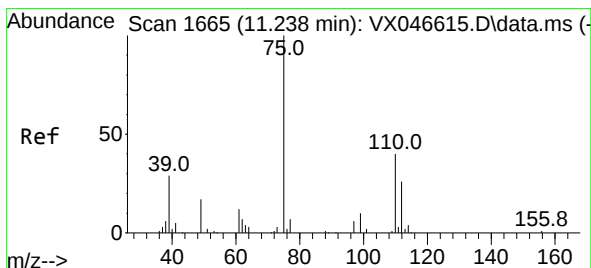
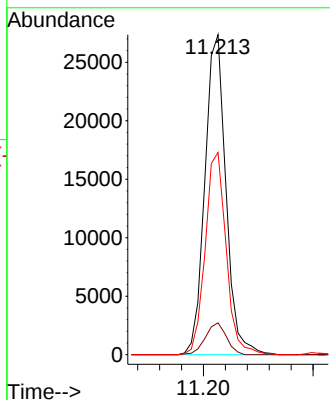
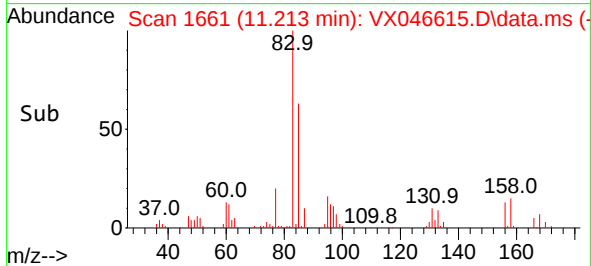
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 3642
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 63.0 31.5 94.5

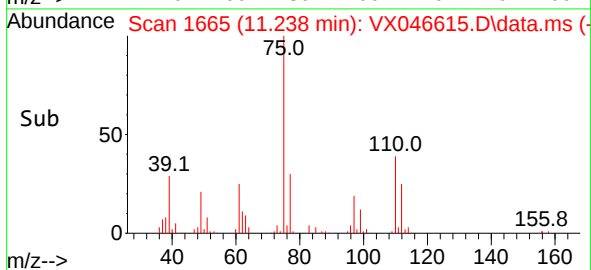
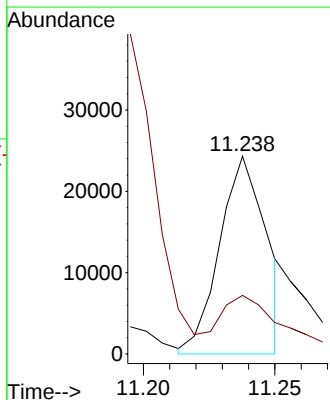
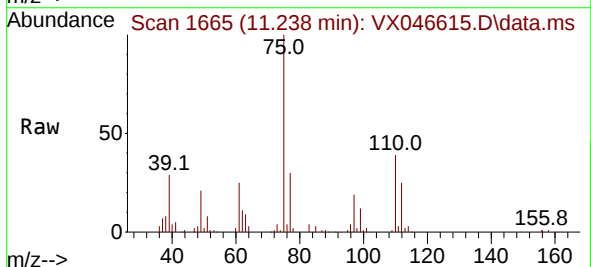
Manual Integrations
APPROVED

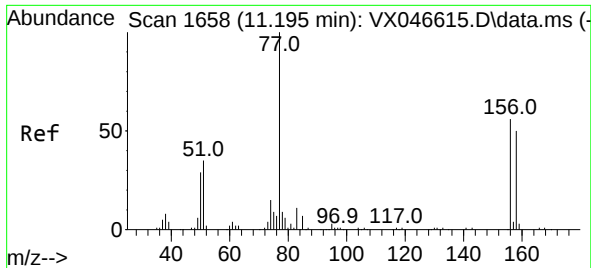
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#72
1,2,3-Trichloropropane
Concen: 17.246 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Tgt Ion: 75 Resp: 30060
Ion Ratio Lower Upper
75 100
77 41.3 0.0 82.6





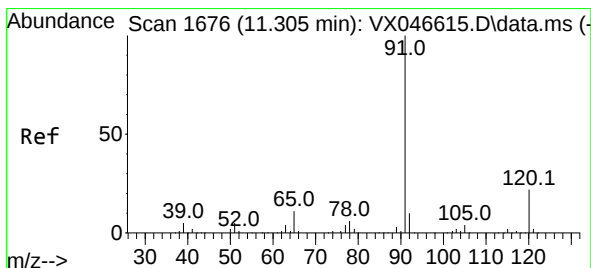
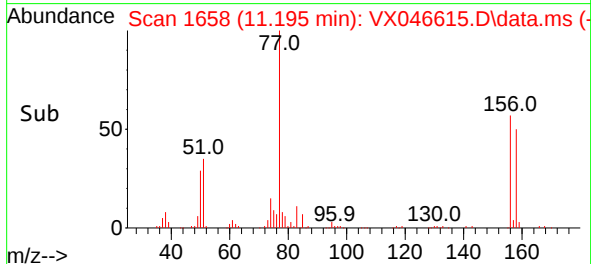
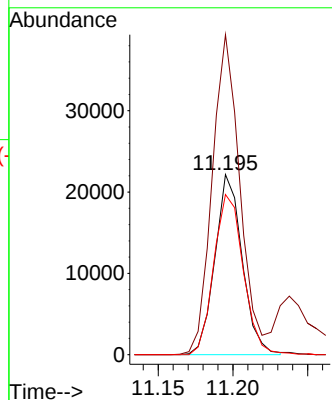
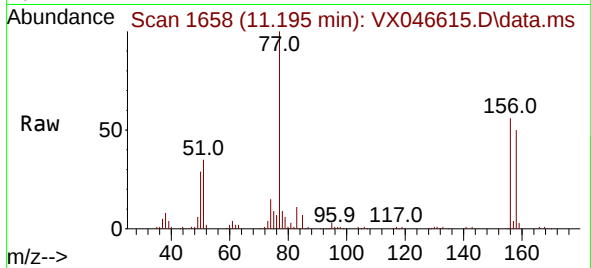
#73
Bromobenzene
Concen: 18.679 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:156 Resp: 2808
Ion Ratio Lower Upper
156 100
77 179.3 0.0 358.6
158 96.0 0.0 192.0

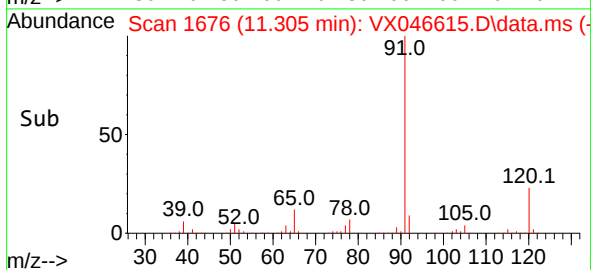
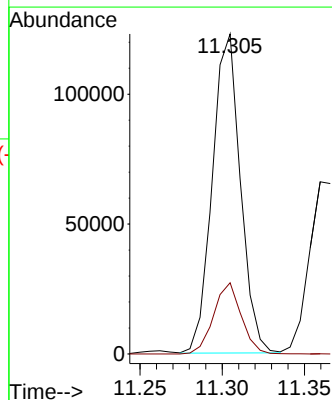
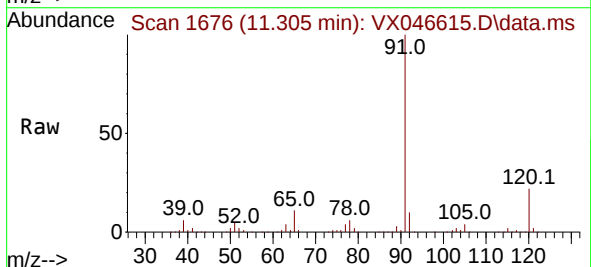
Manual Integrations
APPROVED

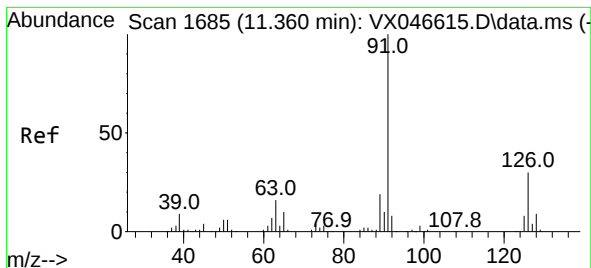
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#74
n-propylbenzene
Concen: 18.746 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Tgt Ion: 91 Resp: 146242
Ion Ratio Lower Upper
91 100
120 21.9 0.0 43.8





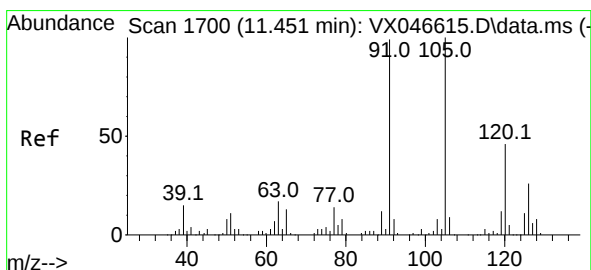
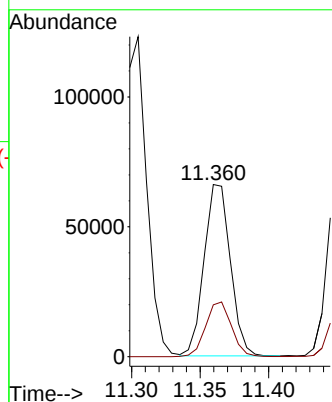
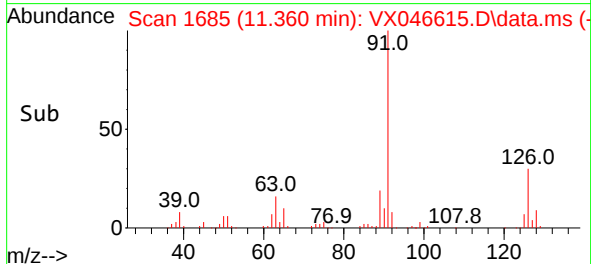
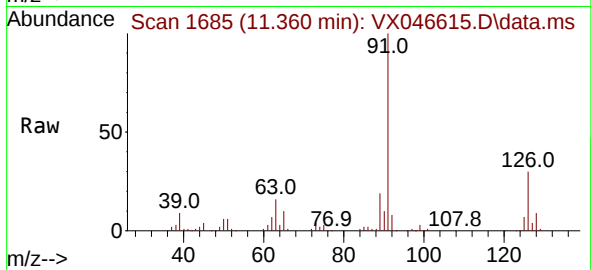
#75
2-Chlorotoluene
Concen: 18.725 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 87919
Ion Ratio Lower Upper
91 100
126 31.5 0.0 63.0

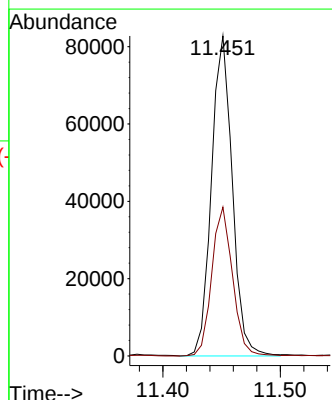
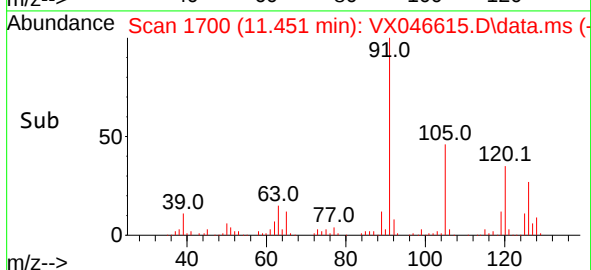
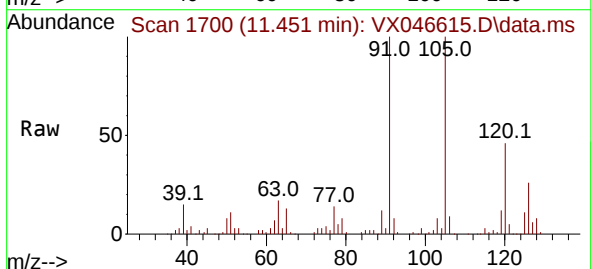
Manual Integrations
APPROVED

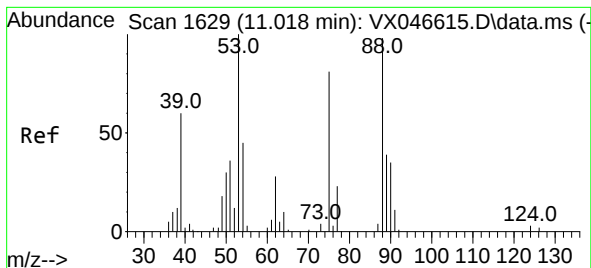
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.912 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Tgt Ion:105 Resp: 101937
Ion Ratio Lower Upper
105 100
120 46.4 0.0 92.8





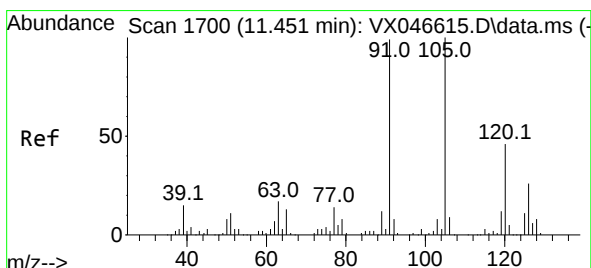
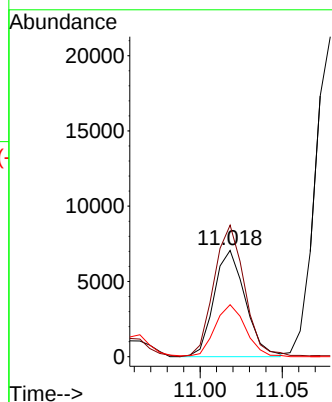
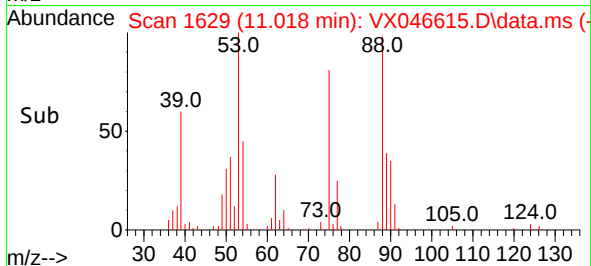
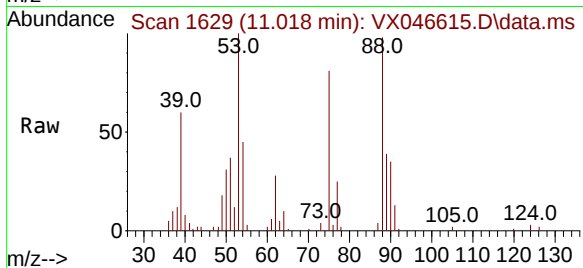
#77
t-1,4-Dichloro-2-butene
Concen: 15.786 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 9358
Ion Ratio Lower Upper
75 100
53 123.8 61.9 185.7
89 48.0 24.0 72.0

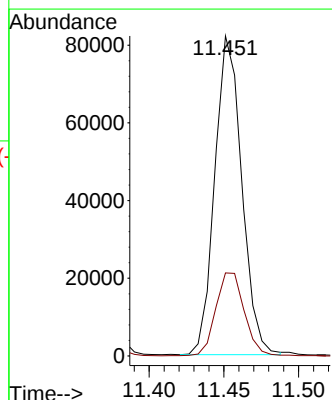
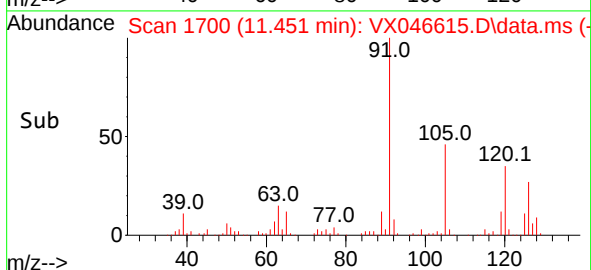
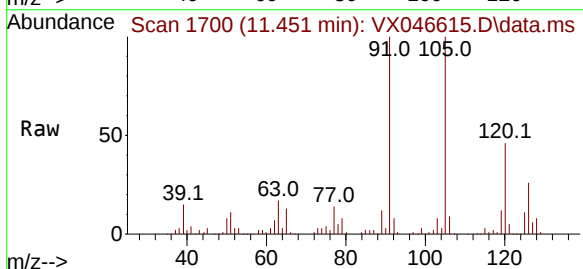
Manual Integrations
APPROVED

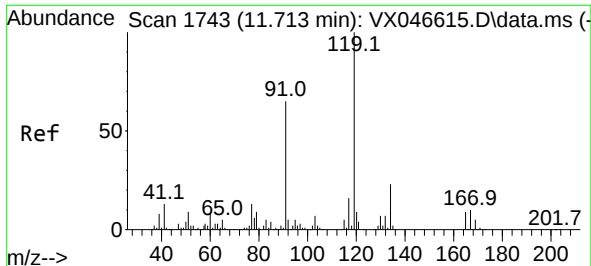
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#78
4-Chlorotoluene
Concen: 19.447 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Tgt Ion: 91 Resp: 102991
Ion Ratio Lower Upper
91 100
126 27.5 0.0 55.0





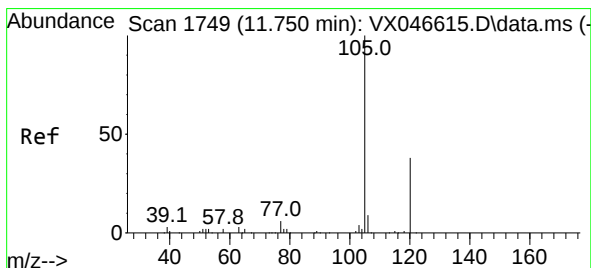
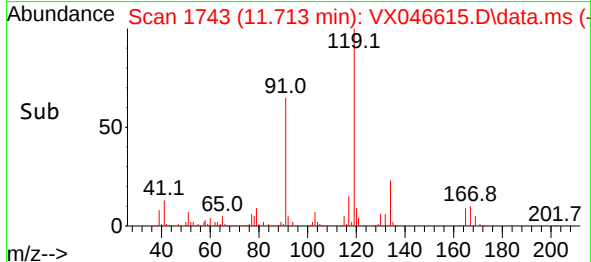
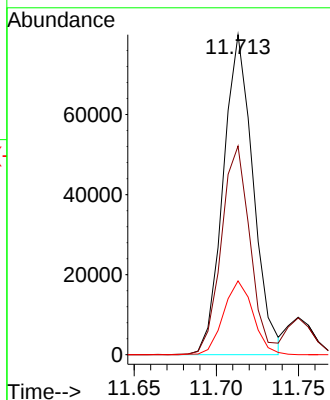
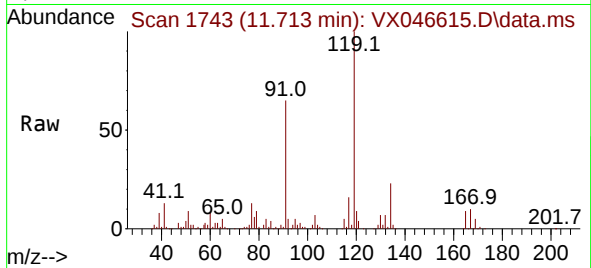
#79
tert-butylbenzene
Concen: 18.685 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion:119 Resp: 101208
Ion Ratio Lower Upper
119 100
91 63.0 0.0 126.0
134 22.8 0.0 45.6

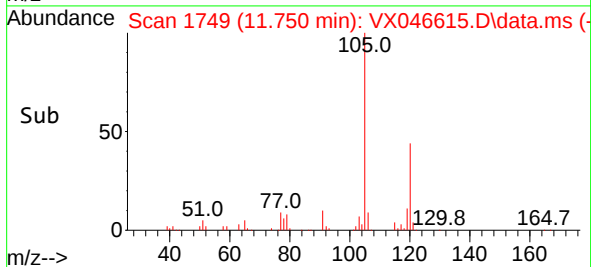
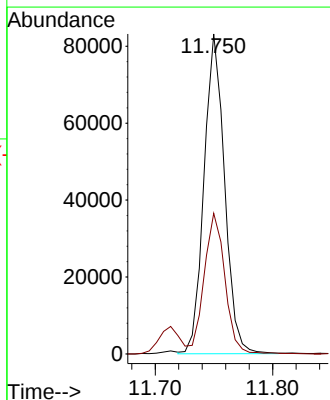
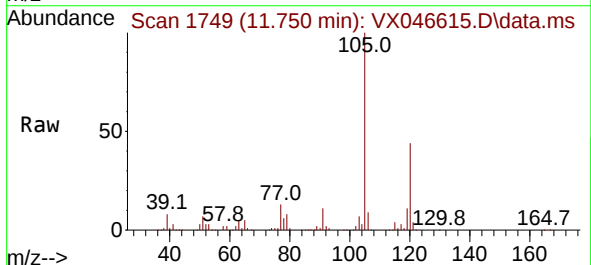
Manual Integrations
APPROVED

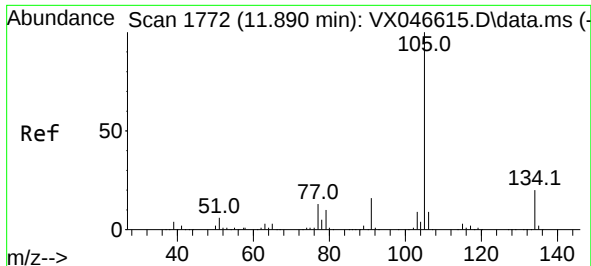
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.762 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Tgt Ion:105 Resp: 100948
Ion Ratio Lower Upper
105 100
120 44.8 0.0 89.6





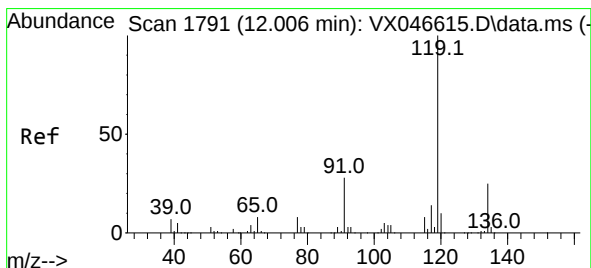
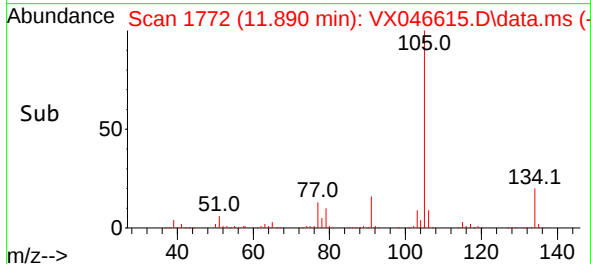
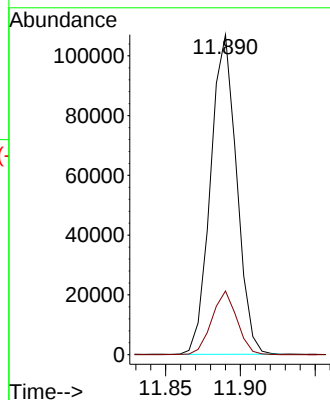
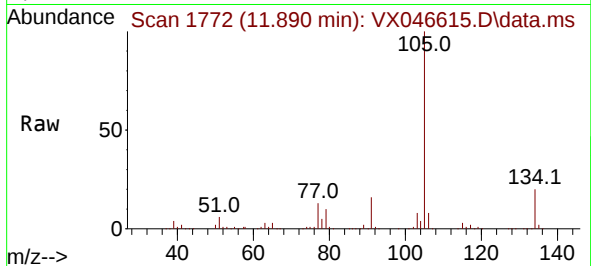
#81
 sec-Butylbenzene
 Concen: 18.971 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046615.D
 Acq: 10 Jun 2025 20:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tgt Ion:105 Resp: 129718
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.4

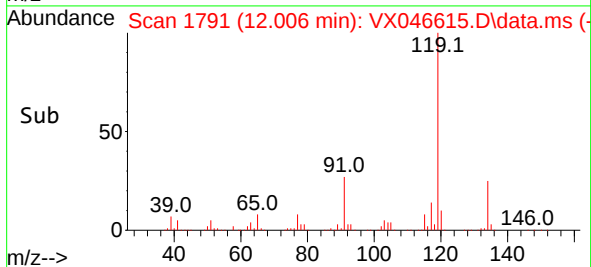
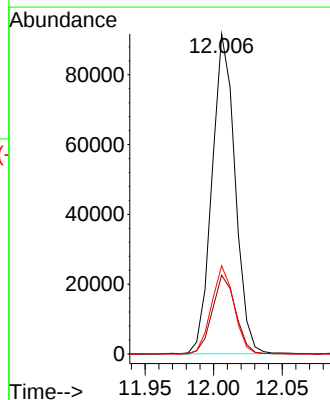
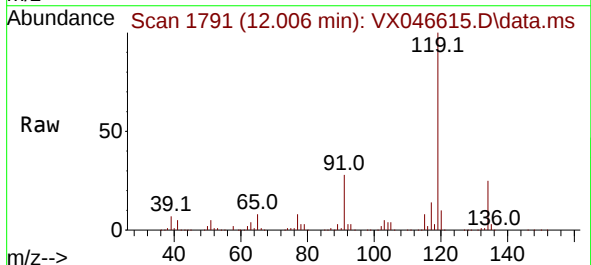
Manual Integrations
 APPROVED

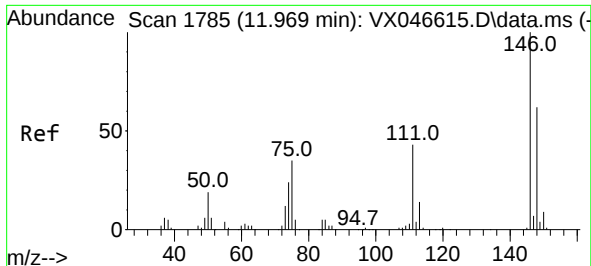
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#82
 p-Isopropyltoluene
 Concen: 19.247 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046615.D
 Acq: 10 Jun 2025 20:40

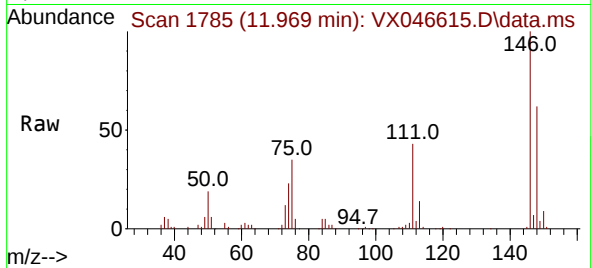
Tgt Ion:119 Resp: 107112
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 50.0
 91 27.0 0.0 54.0





#83
1,3-Dichlorobenzene
Concen: 18.974 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

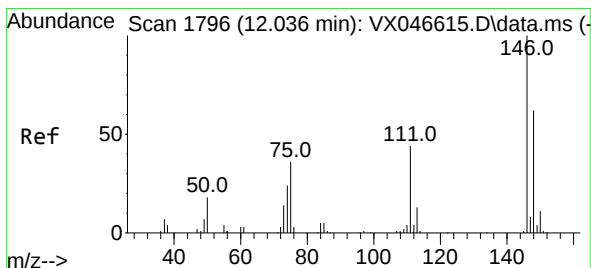
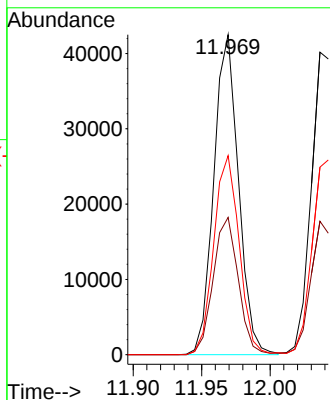
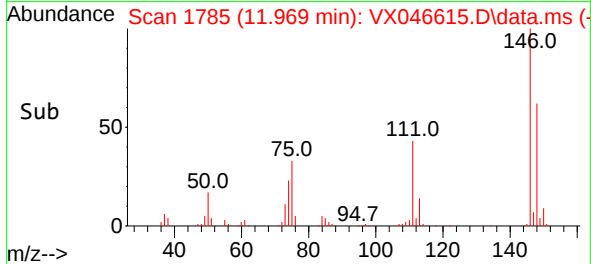
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



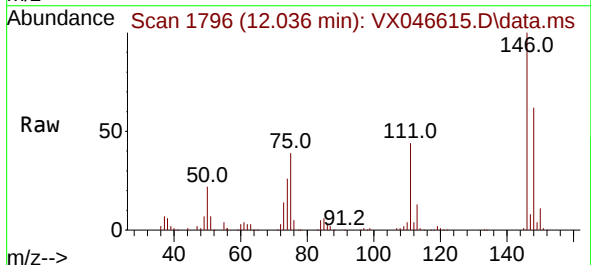
Tgt Ion:146 Resp: 53209
Ion Ratio Lower Upper
146 100
111 43.9 21.9 65.8
148 64.1 32.0 96.2

Manual Integrations
APPROVED

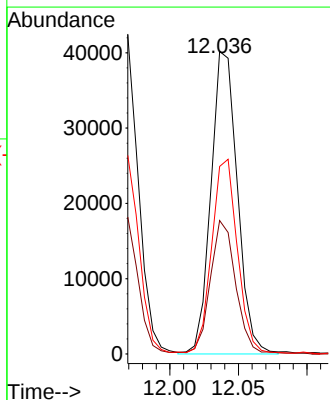
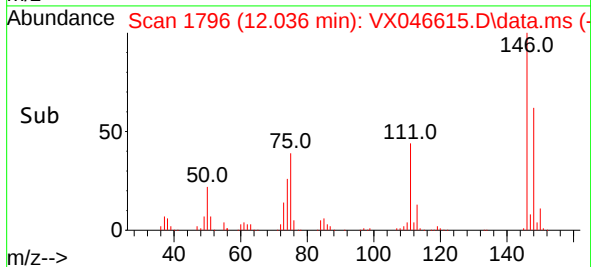
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

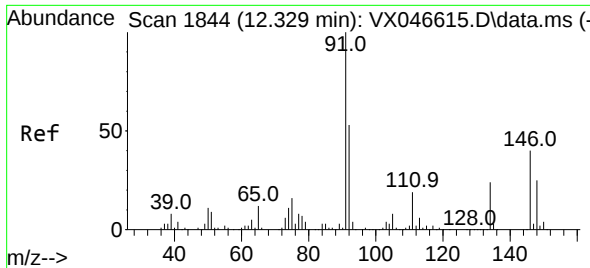


#84
1,4-Dichlorobenzene
Concen: 19.383 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40



Tgt Ion:146 Resp: 53974
Ion Ratio Lower Upper
146 100
111 42.5 21.3 63.7
148 62.9 31.4 94.3





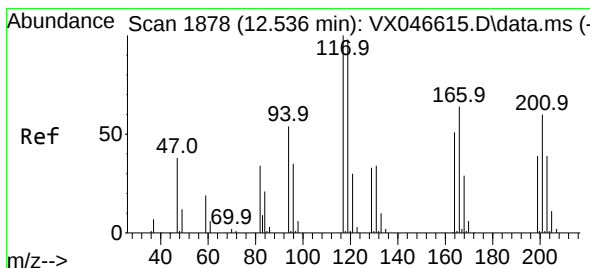
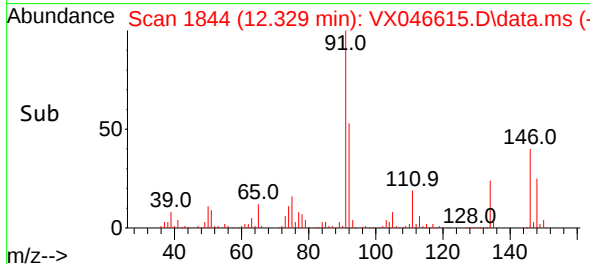
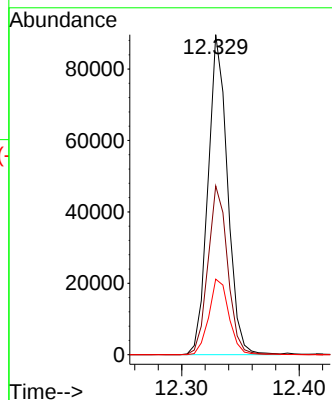
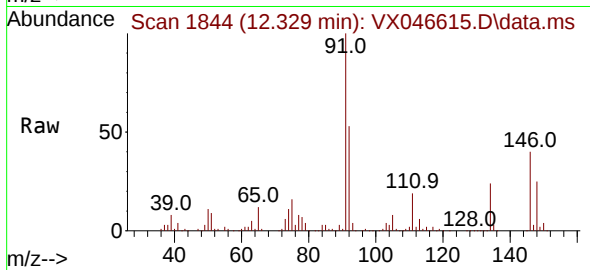
#85
n-Butylbenzene
Concen: 20.005 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 10340
Ion Ratio Lower Upper
91 100
92 53.2 0.0 106.4
134 24.4 0.0 48.8

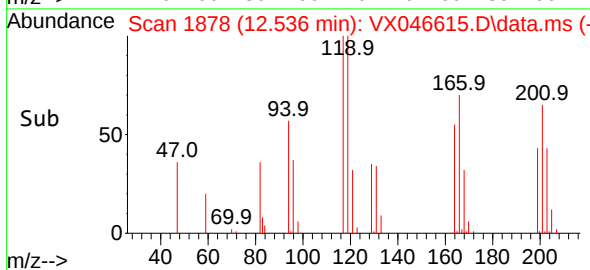
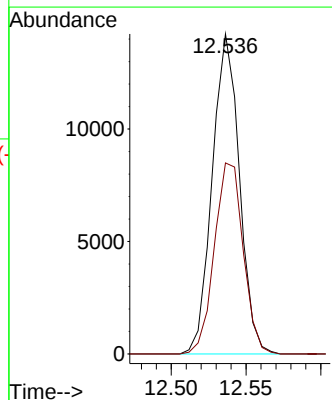
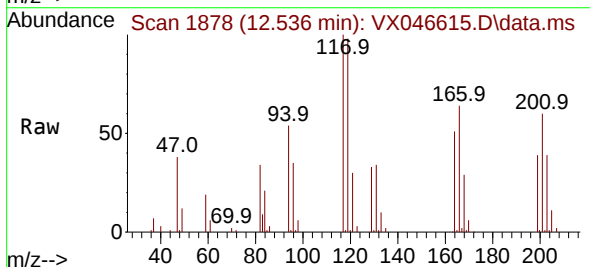
Manual Integrations
APPROVED

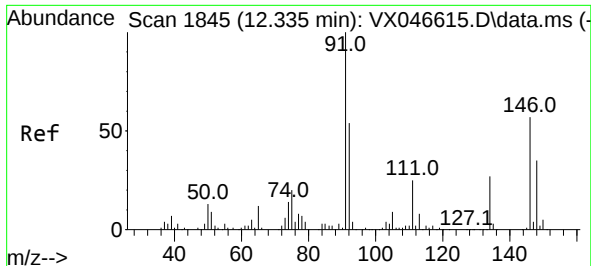
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#86
Hexachloroethane
Concen: 18.242 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

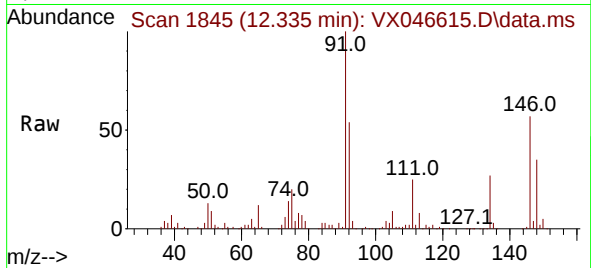
Tgt Ion:117 Resp: 17967
Ion Ratio Lower Upper
117 100
201 63.4 31.7 95.1





#87
1,2-Dichlorobenzene
Concen: 18.834 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

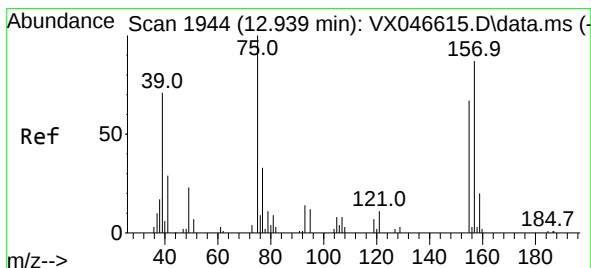
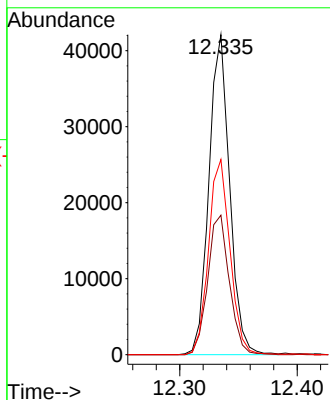
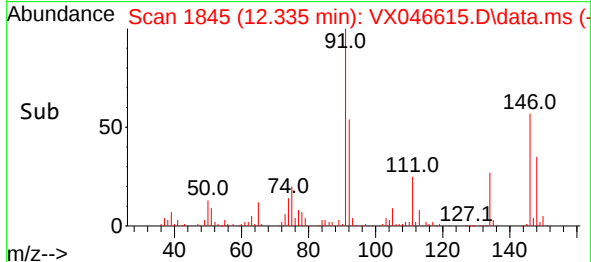
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion:146 Resp: 51572
Ion Ratio Lower Upper
146 100
111 45.7 22.9 68.5
148 63.2 31.6 94.8

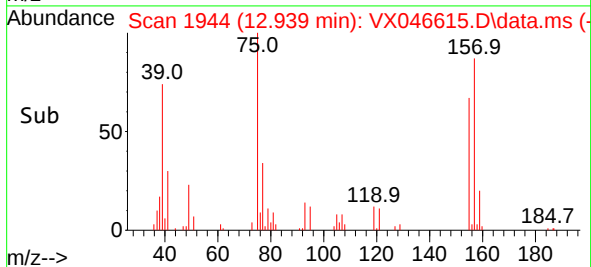
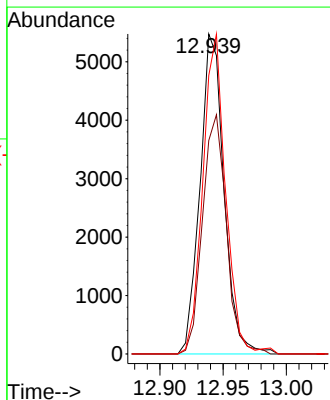
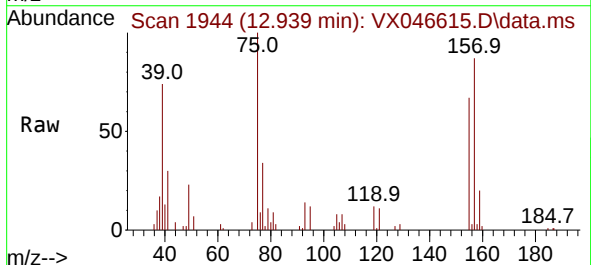
Manual Integrations
APPROVED

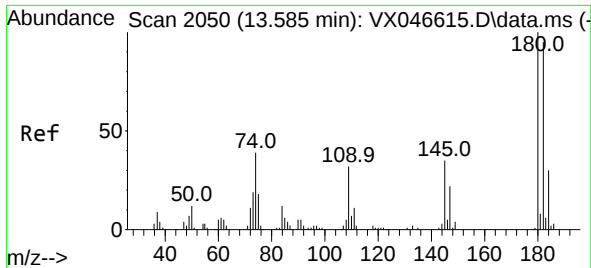
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.392 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

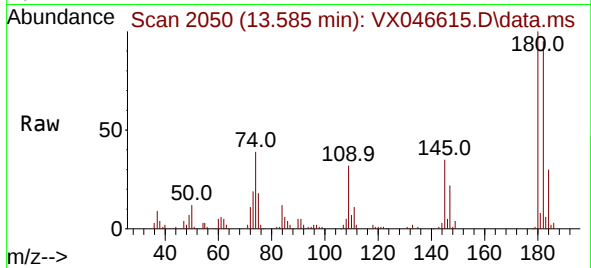
Tgt Ion: 75 Resp: 7234
Ion Ratio Lower Upper
75 100
155 74.3 59.4 89.2
157 93.8 75.0 112.6





#89
1,2,4-Trichlorobenzene
Concen: 19.543 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

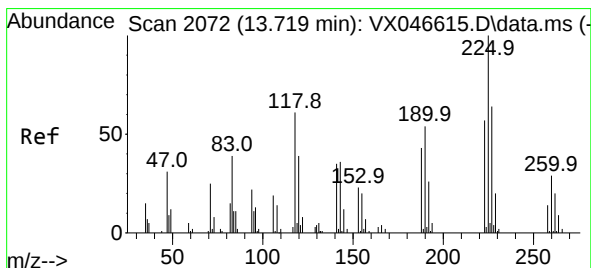
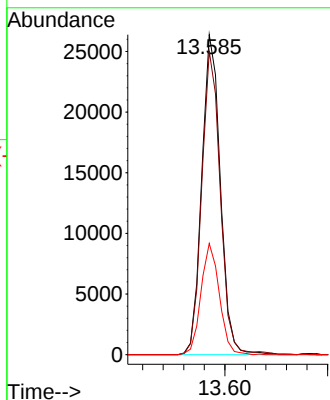
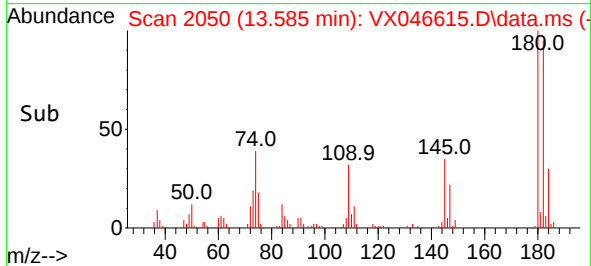
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



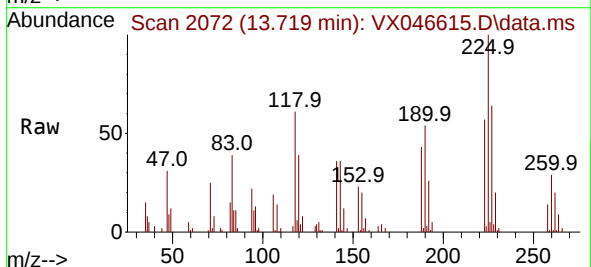
Tgt Ion:180 Resp: 33278
Ion Ratio Lower Upper
180 100
182 93.8 75.0 112.6
145 34.2 27.4 41.0

Manual Integrations
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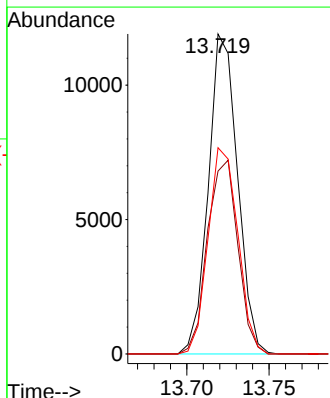
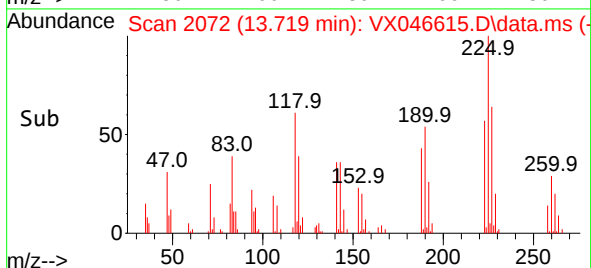
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

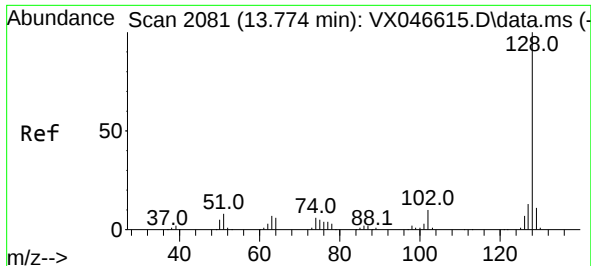


#90
Hexachlorobutadiene
Concen: 21.021 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40



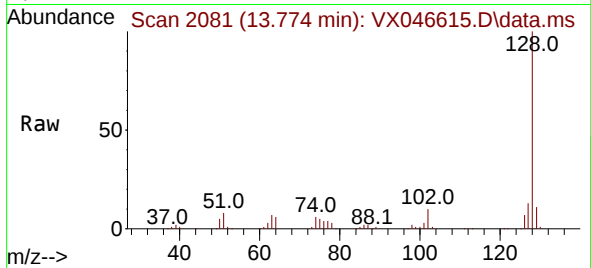
Tgt Ion:225 Resp: 14708
Ion Ratio Lower Upper
225 100
223 63.2 0.0 126.4
227 65.7 0.0 131.4





#91
Naphthalene
Concen: 17.854 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40

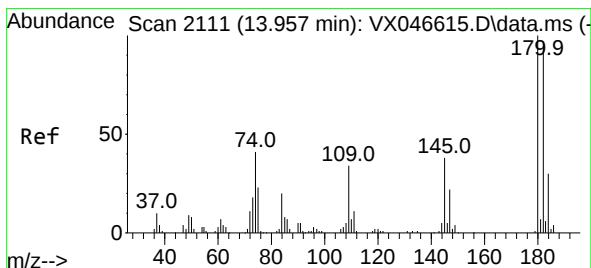
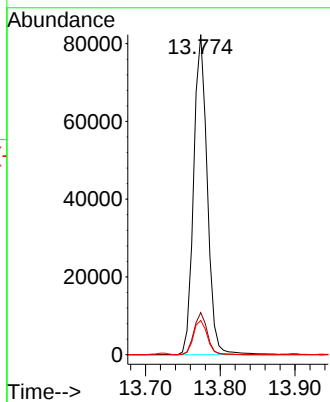
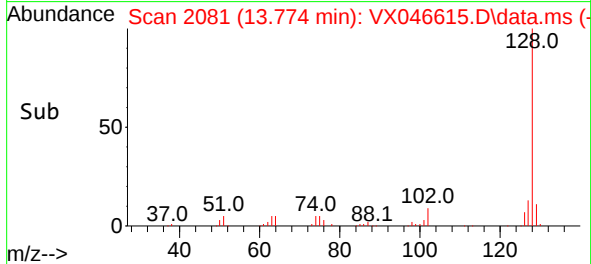
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



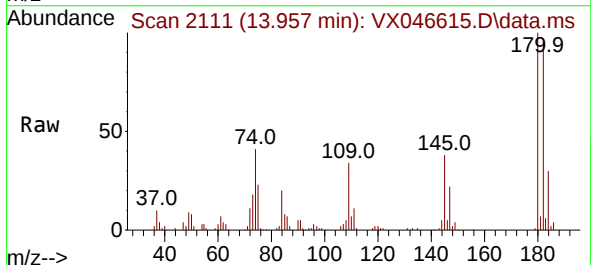
Tgt Ion:128 Resp: 104308
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.068 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046615.D
Acq: 10 Jun 2025 20:40



Tgt Ion:180 Resp: 32955
Ion Ratio Lower Upper
180 100
182 95.1 0.0 190.2
145 35.9 0.0 71.8

