

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046618.D
 Acq On : 10 Jun 2025 21:44
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 11 06:00:03 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	4.916	128	14285	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	79056	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	70233	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	35515	26.392	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	87.967%#		
60) 4-Bromofluorobenzene	11.079	95	35488	27.562	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	91.867%		
63) Toluene-d8	8.653	98	93932	25.129	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	83.767%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	128493	110.561	ug/l	96
3) Chloromethane	1.307	50	131817	96.938	ug/l	98
4) Vinyl Chloride	1.386	62	126578	96.157	ug/l	99
5) Bromomethane	1.618	94	70720	137.659	ug/l	98
6) Chloroethane	1.697	64	74708	106.589	ug/l	100
7) Trichlorofluoromethane	1.904	101	181942	101.088	ug/l	99
8) Diethyl Ether	2.148	74	66011	98.510	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	123494	113.620	ug/l	99
10) 1,1-Dichloroethene	2.337	96	120691	114.235	ug/l	96
11) Methyl Iodide	2.465	142	170109	134.912	ug/l	99
12) Methyl Acetate	2.715	43	132151	99.978	ug/l	100
13) Acrolein	2.252	56	78842	346.997	ug/l	100
14) Acrylonitrile	3.075	53	311908	528.659	ug/l	99
15) Acetone	2.386	58	71578	457.751	ug/l	97
16) Carbon Disulfide	2.526	76	345932	115.182	ug/l	100
17) Allyl chloride	2.678	41	223397	113.089	ug/l	97
18) Methylene Chloride	2.800	84	128528	108.730	ug/l	96
19) trans-1,2-Dichloroethene	3.105	96	123601	115.290	ug/l	99
20) Diisopropyl ether	3.770	45	418693	110.725	ug/l	88
21) 1,1-Dichloroethane	3.623	63	235079	111.501	ug/l	99
22) cis-1,2-Dichloroethene	4.501	96	144888	112.946	ug/l	98
23) tert-Butyl Alcohol	2.959	59	68721	357.798	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	376330	110.087	ug/l	98
25) Chloroform	5.105	83	238920	116.259	ug/l	96
26) Cyclohexane	5.483	56	214840	110.715	ug/l #	97
29) 1,1-Dichloropropene	5.702	75	171308	118.723	ug/l	99
30) 2-Butanone	4.562	43	386857	486.654	ug/l	99
31) 2,2-Dichloropropane	4.489	77	154777	98.837	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	213130	121.528	ug/l	98
33) Carbon Tetrachloride	5.684	117	188561	126.443	ug/l	98
34) Benzene	6.050	78	491901	110.370	ug/l	99
35) Methacrylonitrile	4.934	41	96674	111.916	ug/l	98
36) 1,2-Dichloroethane	6.099	62	184658	118.218	ug/l	99
37) Trichloroethene	7.129	130	121885	116.166	ug/l	88
38) Methylcyclohexane	7.385	83	224529	117.319	ug/l	96
39) 1,2-Dichloropropane	7.434	63	124027	112.304	ug/l	92
40) Dibromomethane	7.586	93	90996	113.559	ug/l	99
41) Bromodichloromethane	7.824	83	189762	118.021	ug/l #	97
42) Vinyl Acetate	3.733	43	1779960	576.121	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	167022m	109.638	ug/l	
44) Isopropyl Acetate	6.342	43	275162	110.657	ug/l	99
45) 1,4-Dioxane	7.659	88	32186	1342.301	ug/l #	91
46) Methyl methacrylate	7.696	41	144279	115.776	ug/l	97
47) n-amyl Acetate	10.842	43	242185	114.012	ug/l	97
48) t-1,3-Dichloropropene	8.976	75	182939	119.607	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	199663	116.222	ug/l	100
50) 1,1,2-Trichloroethane	9.153	97	114954	111.187	ug/l	96
51) Ethyl methacrylate	9.116	69	186954	114.491	ug/l	98
52) 1,3-Dichloropropane	9.311	76	200619	110.446	ug/l	98
53) Dibromochloromethane	9.519	129	139959	120.833	ug/l	98
54) 1,2-Dibromoethane	9.610	107	120053	113.580	ug/l	99
55) 2-Chloroethyl vinyl ether	8.244	63	381595	453.061	ug/l	99
56) Bromoform	10.799	173	87839	120.198	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	802150	526.387	ug/l	99
59) 2-Hexanone	9.427	43	566900	515.756	ug/l	98
61) Tetrachloroethene	9.275	164	99513	117.346	ug/l	97
62) Toluene	8.720	91	523875	114.948	ug/l	100
64) Chlorobenzene	10.080	112	336208	118.833	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	114449	121.746	ug/l	99
66) Ethyl Benzene	10.195	91	597149	118.718	ug/l	99
67) m/p-Xylenes	10.299	106	439865	236.574	ug/l	98
68) o-Xylene	10.640	106	214100	117.814	ug/l	98
69) Styrene	10.653	104	366379	119.483	ug/l	99
70) Isopropylbenzene	10.964	105	566056	119.707	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	160113	104.414	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	136200m	107.666	ug/l	
73) Bromobenzene	11.195	156	131791	120.771	ug/l	98
74) n-propylbenzene	11.305	91	676405	119.463	ug/l	99
75) 2-Chlorotoluene	11.360	91	399989	117.375	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	463327	118.435	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	52534	122.099	ug/l	86
78) 4-Chlorotoluene	11.451	91	463836	120.673	ug/l	99
79) tert-butylbenzene	11.713	119	465227	118.339	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	462422	118.414	ug/l	99
81) sec-Butylbenzene	11.890	105	596540	120.205	ug/l	99
82) p-Isopropyltoluene	12.006	119	495558	122.693	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	242658	119.223	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	244059	120.762	ug/l	98
85) n-Butylbenzene	12.329	91	478218	127.471	ug/l	99
86) Hexachloroethane	12.536	117	87631	122.587	ug/l	96
87) 1,2-Dichlorobenzene	12.335	146	230502	115.987	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	35888	118.880	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	161569	130.735	ug/l	100
90) Hexachlorobutadiene	13.725	225	69903	137.656	ug/l	98
91) Naphthalene	13.774	128	521011	122.873	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	156655	124.892	ug/l	99

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

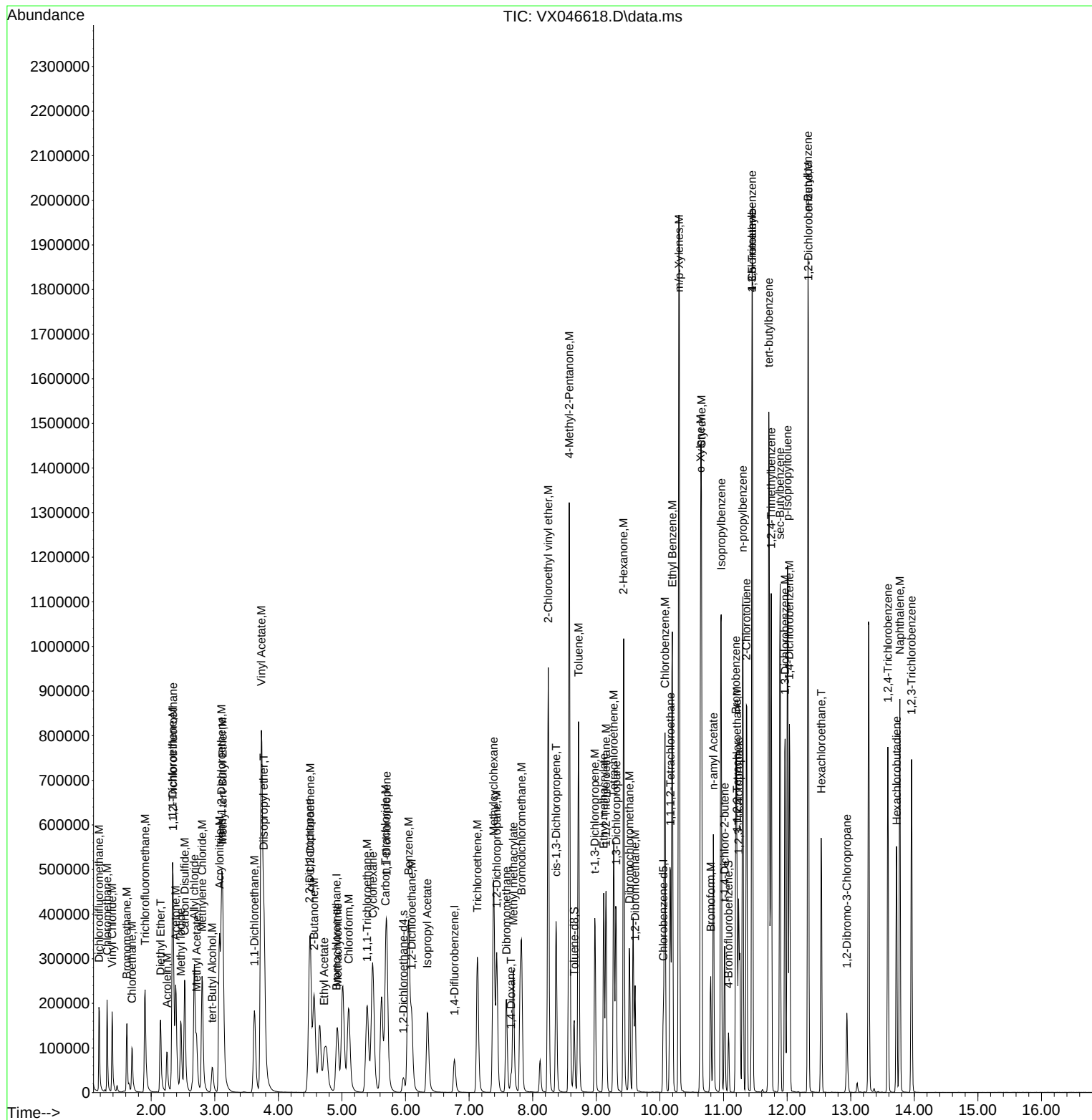
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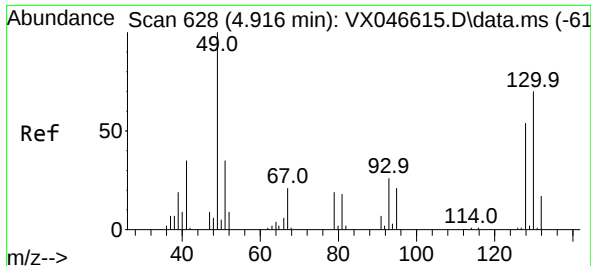
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

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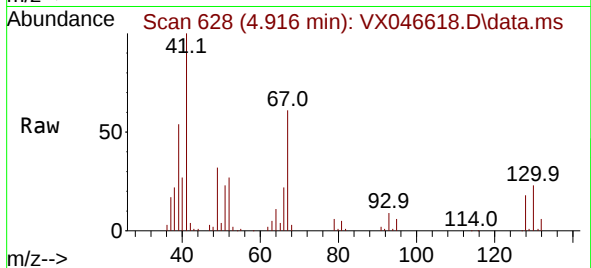
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

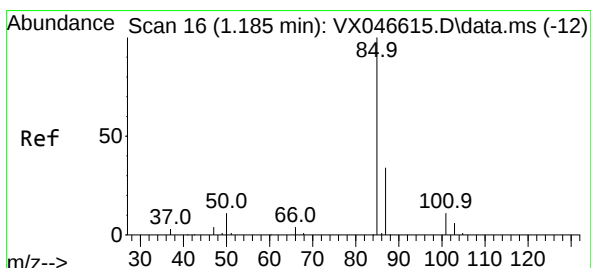
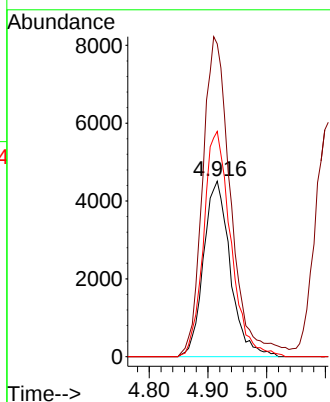
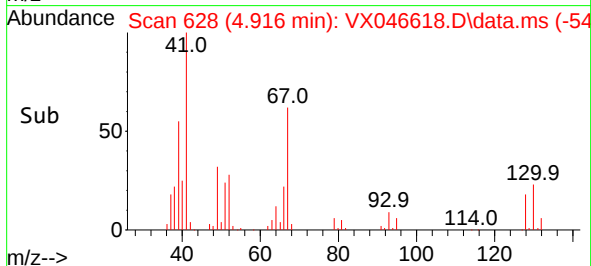
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



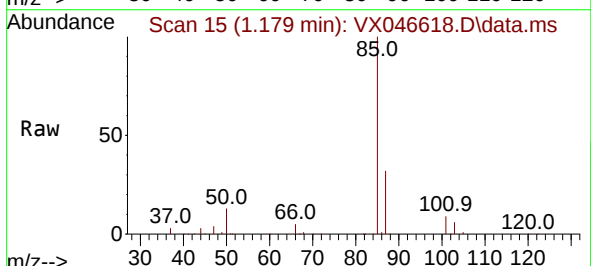
Tgt Ion:128 Resp: 1428
Ion Ratio Lower Upper
128 100
49 187.6 0.0 448.3
130 130.7 0.0 312.0

Manual Integrations
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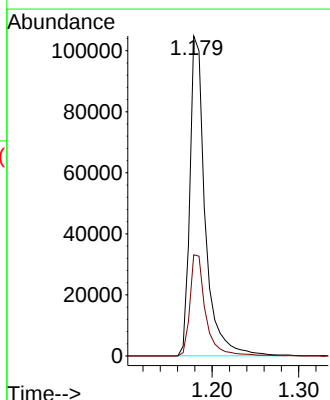
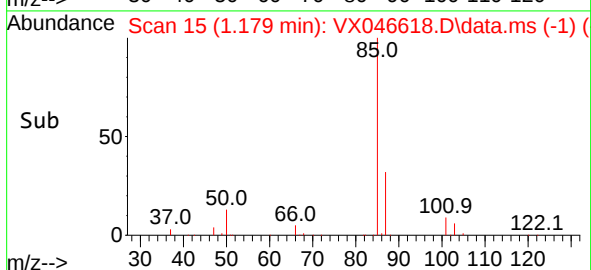
Reviewed By :John Carlone 06/11/2025
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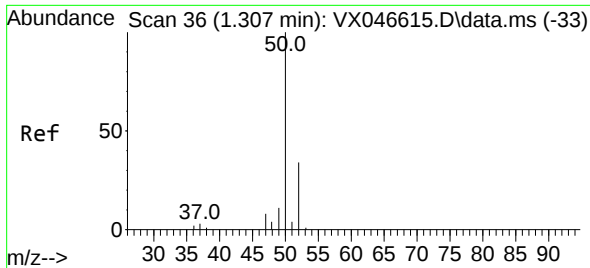


#2
Dichlorodifluoromethane
Concen: 110.561 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44



Tgt Ion: 85 Resp: 128493
Ion Ratio Lower Upper
85 100
87 31.6 17.1 51.3





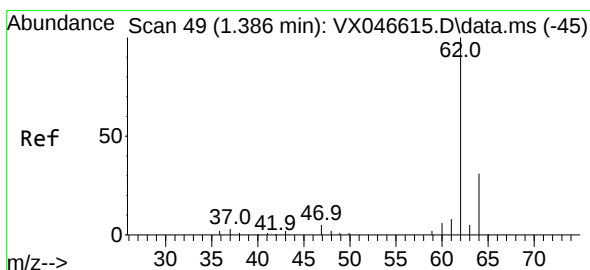
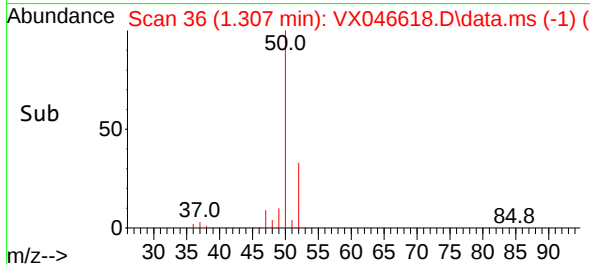
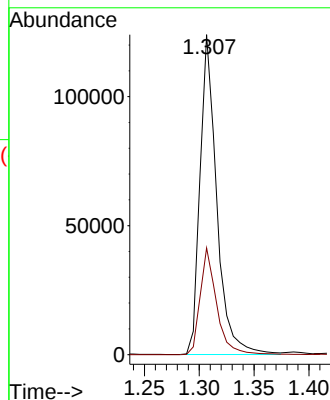
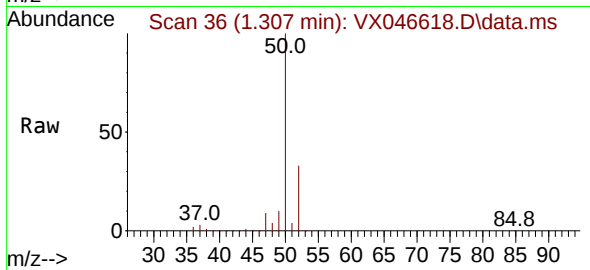
#3
Chloromethane
Concen: 96.938 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 13181
Ion Ratio Lower Upper
50 100
52 33.4 27.4 41.2

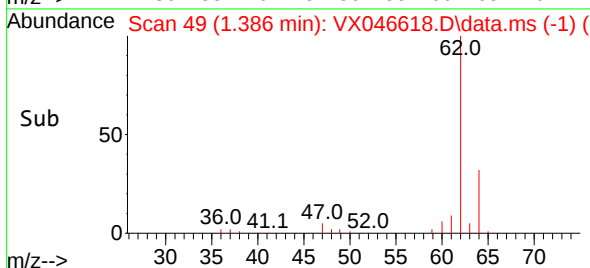
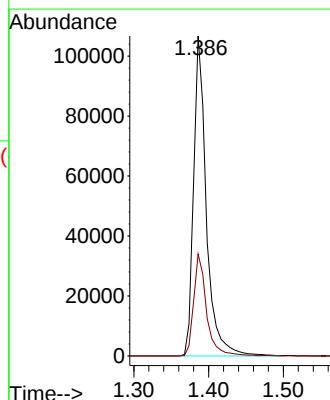
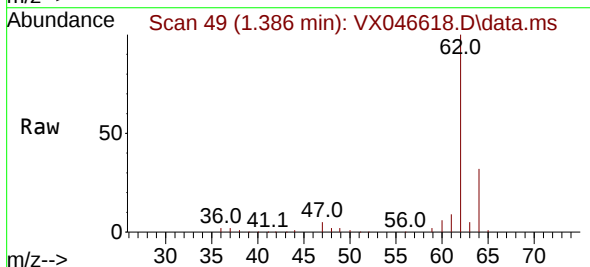
Manual Integrations
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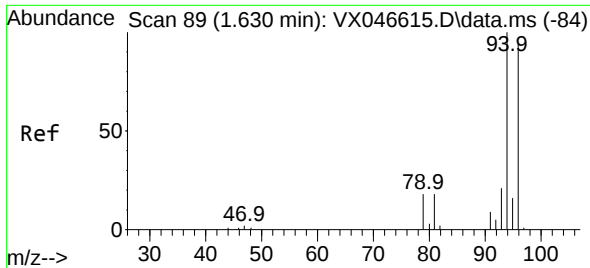
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#4
Vinyl Chloride
Concen: 96.157 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

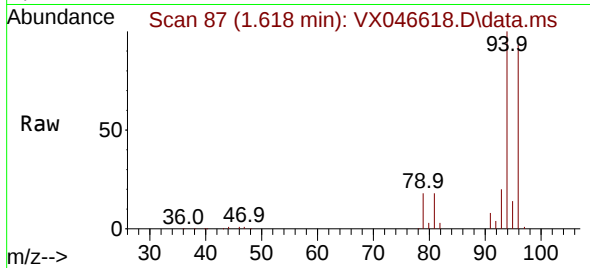
Tgt Ion: 62 Resp: 126578
Ion Ratio Lower Upper
62 100
64 31.9 25.2 37.8





#5
Bromomethane
Concen: 137.659 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

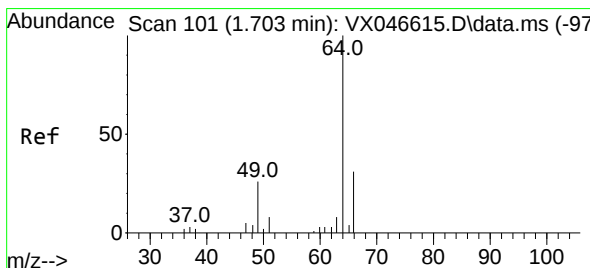
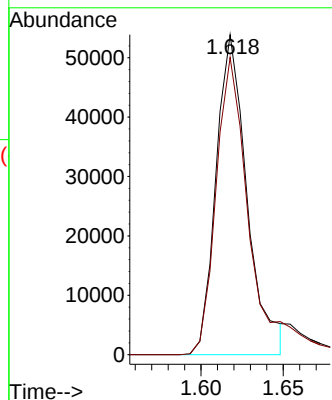
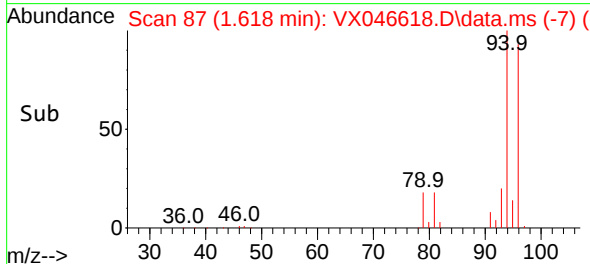
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 94 Resp: 70720
Ion Ratio Lower Upper
94 100
96 92.9 75.5 113.3

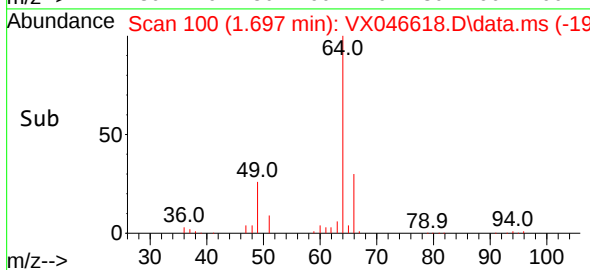
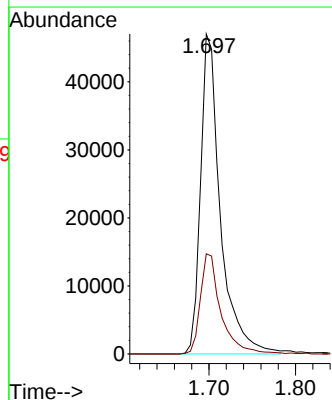
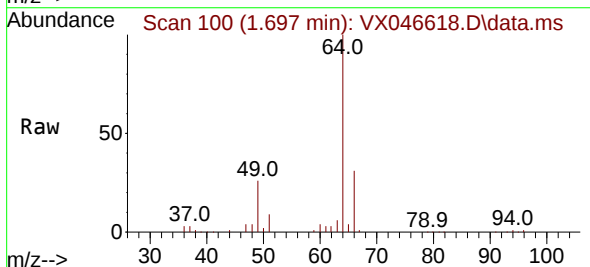
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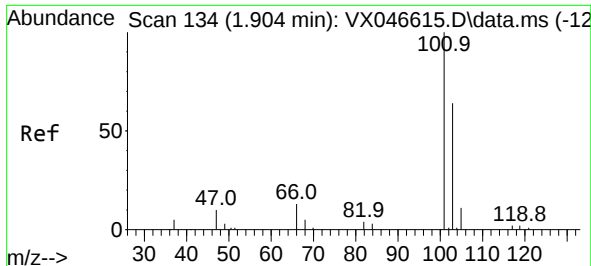
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#6
Chloroethane
Concen: 106.589 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion: 64 Resp: 74708
Ion Ratio Lower Upper
64 100
66 31.3 25.0 37.6





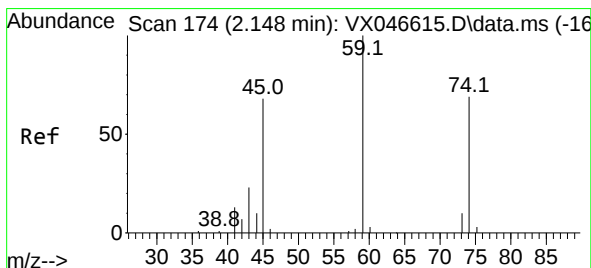
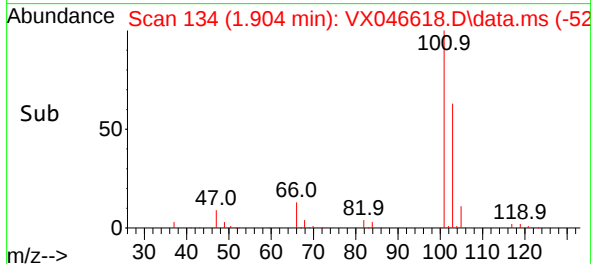
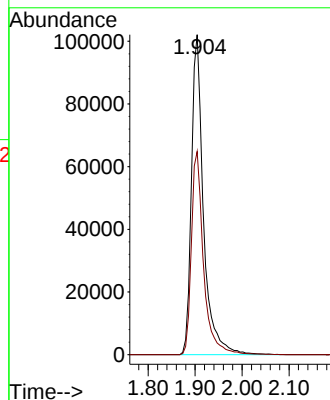
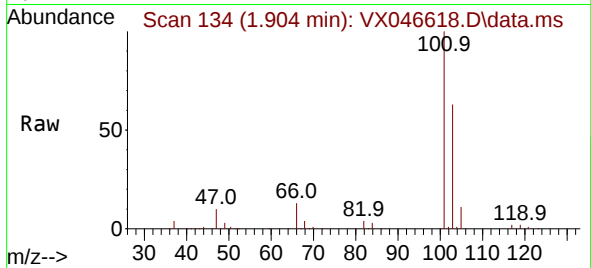
#7
Trichlorofluoromethane
Concen: 101.088 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 18194
Ion Ratio Lower Upper
101 100
103 63.5 51.5 77.3

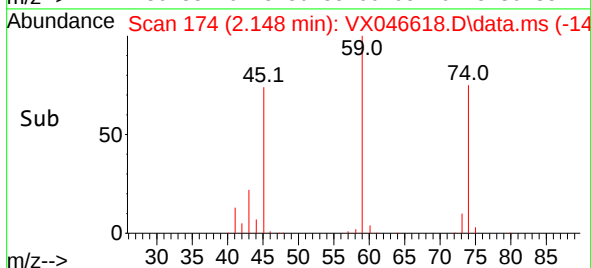
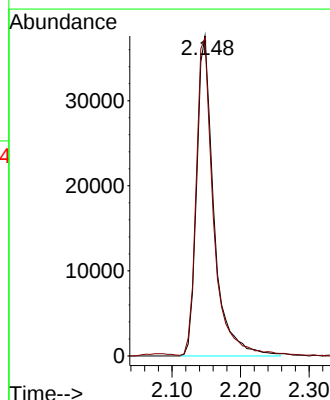
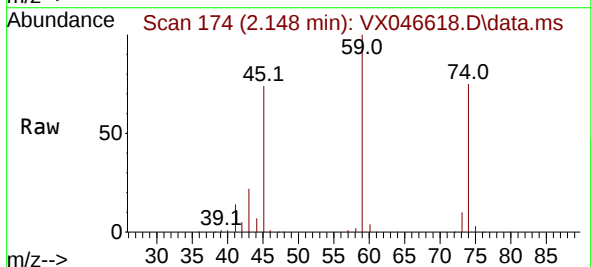
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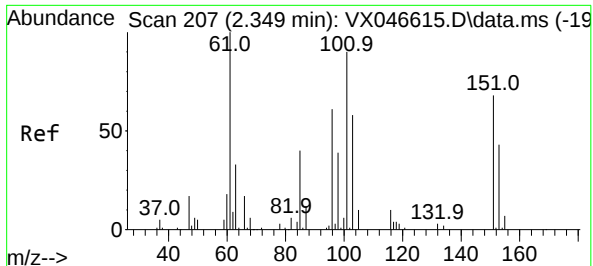
Reviewed By :John Carlone 06/11/2025
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#8
Diethyl Ether
Concen: 98.510 ug/l
RT: 2.148 min Scan# 174
Delta R.T. 0.000 min
Lab File: VX046618.D
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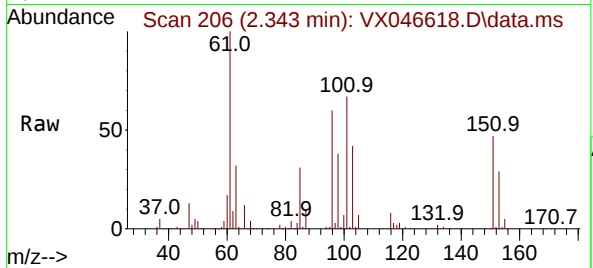
Tgt Ion: 74 Resp: 66011
Ion Ratio Lower Upper
74 100
45 98.2 19.3 174.1





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 113.620 ug/l
 RT: 2.343 min Scan# 206
 Delta R.T. -0.006 min
 Lab File: VX046618.D
 Acq: 10 Jun 2025 21:44

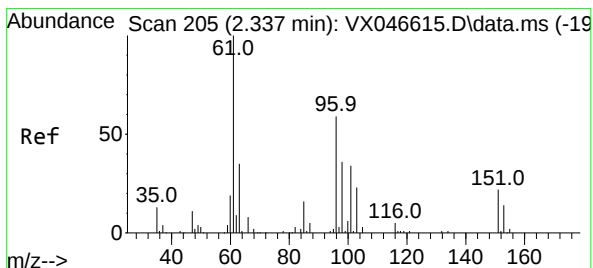
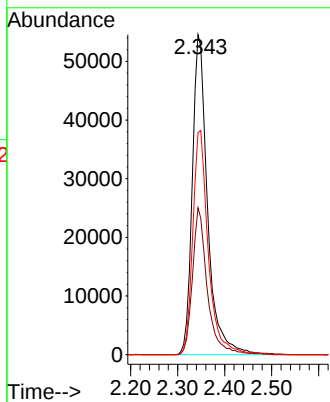
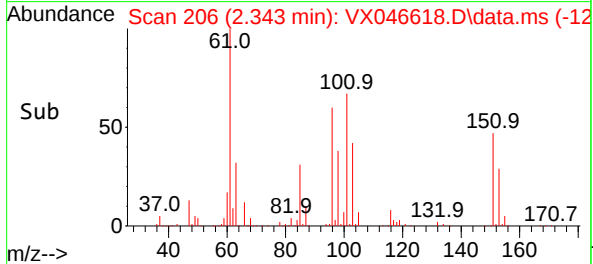
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



Tgt Ion:101 Resp: 123494
 Ion Ratio Lower Upper
 101 100
 85 44.6 0.0 88.2
 151 71.2 0.0 141.8

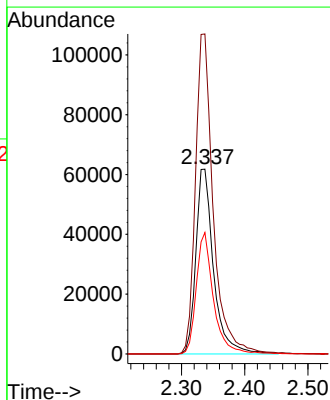
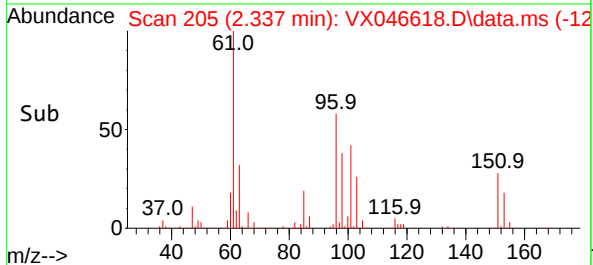
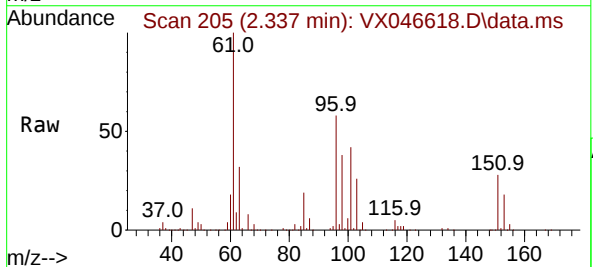
Manual Integrations
 APPROVED

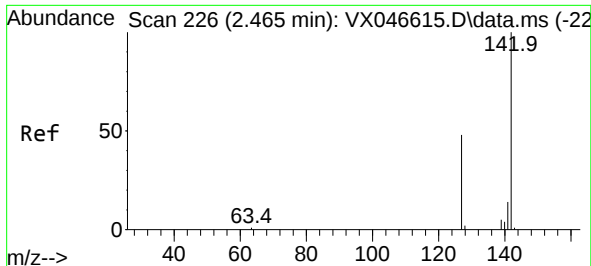
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#10
 1,1-Dichloroethene
 Concen: 114.235 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. 0.000 min
 Lab File: VX046618.D
 Acq: 10 Jun 2025 21:44

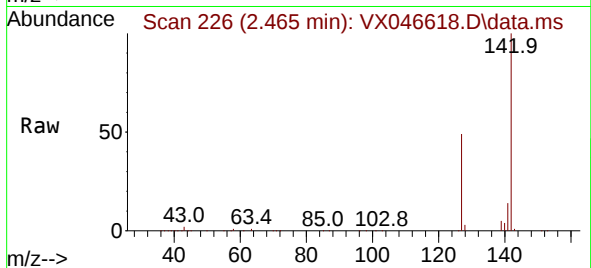
Tgt Ion: 96 Resp: 120691
 Ion Ratio Lower Upper
 96 100
 61 173.2 135.1 202.7
 98 65.7 49.0 73.4





#11
Methyl Iodide
Concen: 134.912 ug/l
RT: 2.465 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

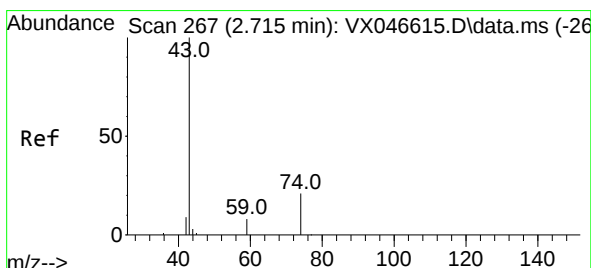
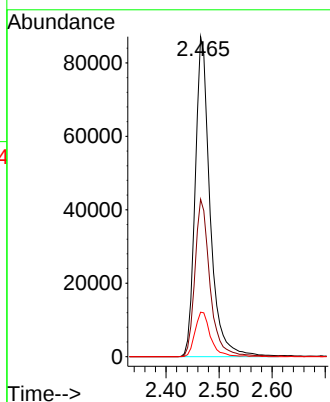
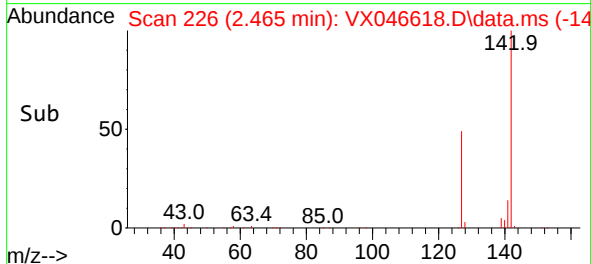
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:142 Resp: 170109
Ion Ratio Lower Upper
142 100
127 49.1 24.1 72.4
141 13.9 7.0 20.9

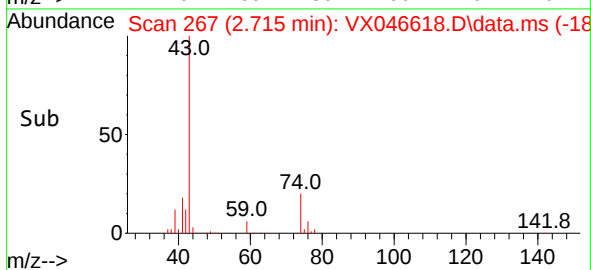
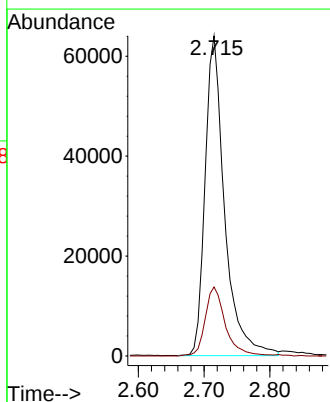
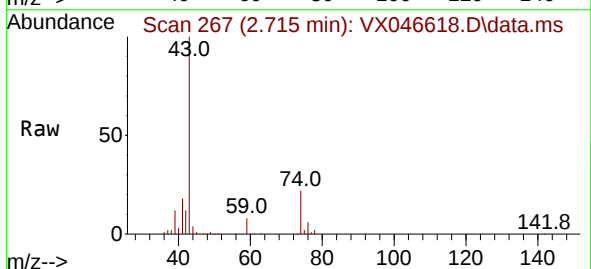
Manual Integrations
APPROVED

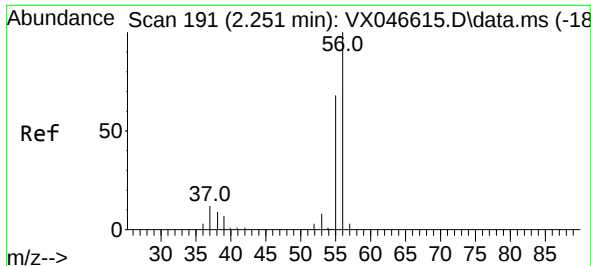
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#12
Methyl Acetate
Concen: 99.978 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

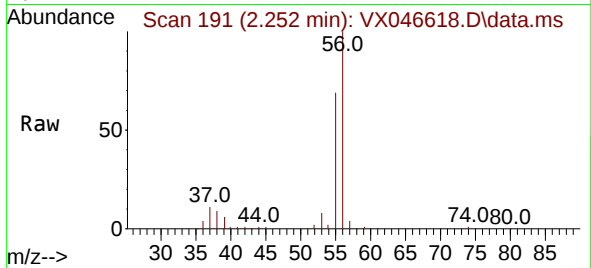
Tgt Ion: 43 Resp: 132151
Ion Ratio Lower Upper
43 100
74 21.5 17.2 25.8





#13
Acrolein
Concen: 346.997 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

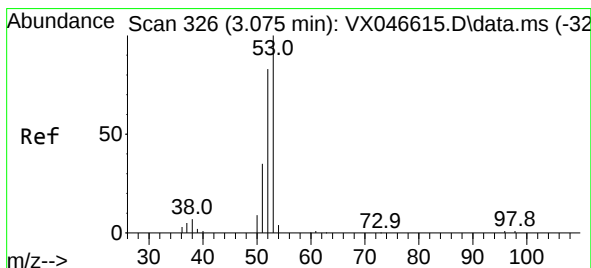
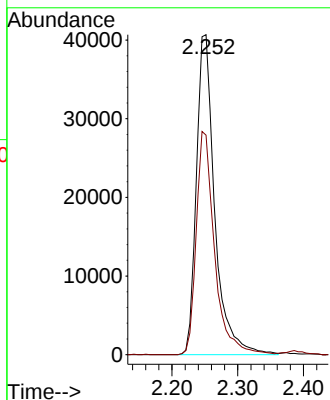
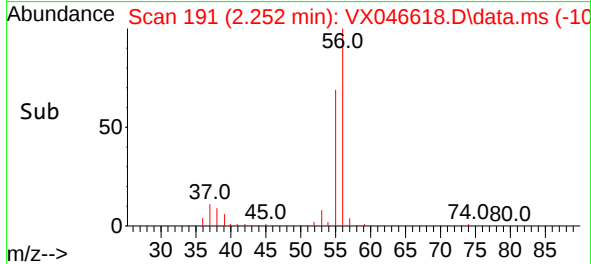
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 7884
Ion Ratio Lower Upper
56 100
55 69.7 56.0 84.0

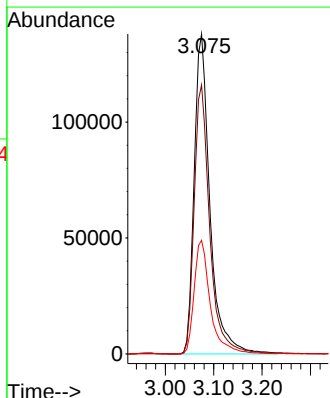
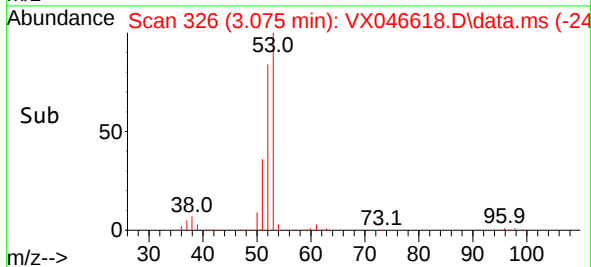
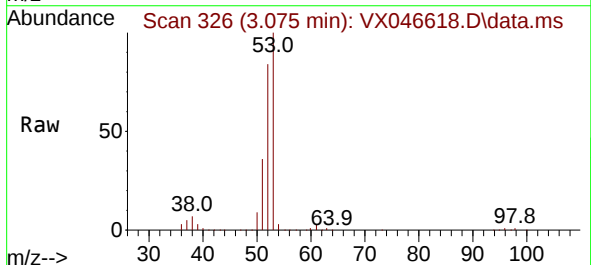
Manual Integrations
APPROVED

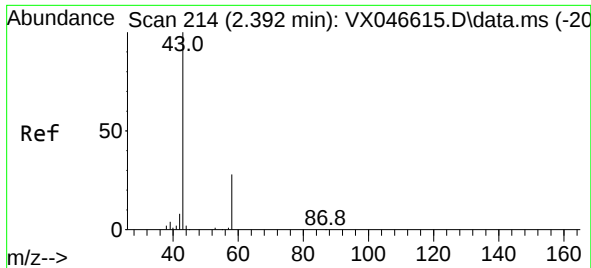
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#14
Acrylonitrile
Concen: 528.659 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

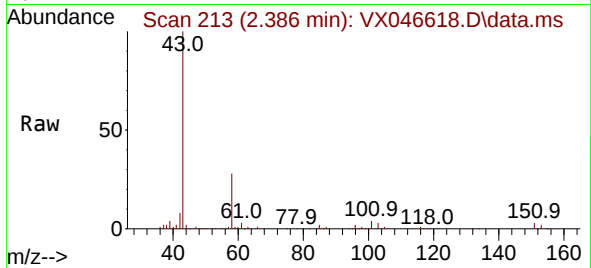
Tgt Ion: 53 Resp: 311908
Ion Ratio Lower Upper
53 100
52 82.9 41.3 123.7
51 36.7 18.6 55.8





#15
Acetone
Concen: 457.751 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

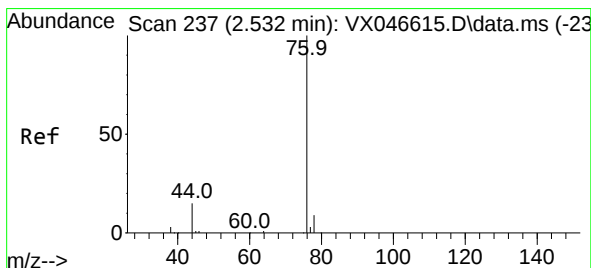
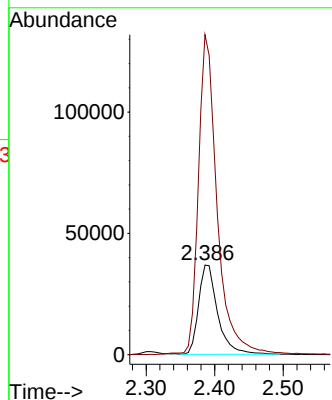
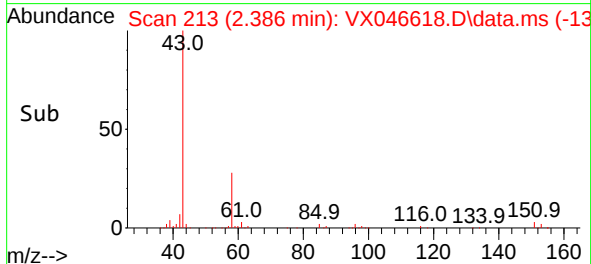
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 58 Resp: 71578
Ion Ratio Lower Upper
58 100
43 356.9 290.6 435.8

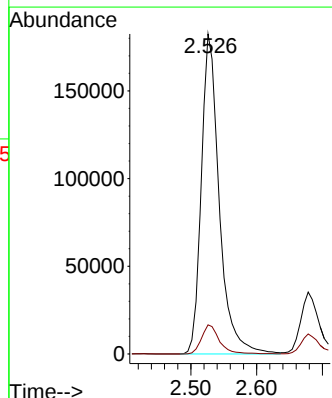
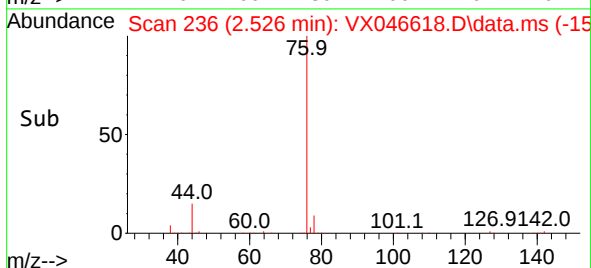
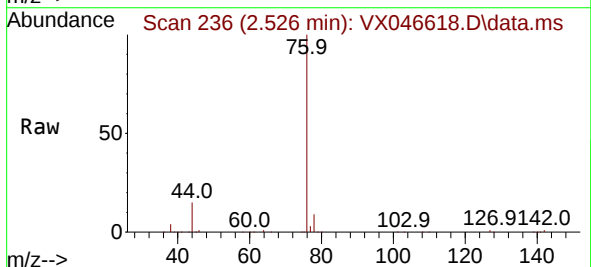
Manual Integrations
APPROVED

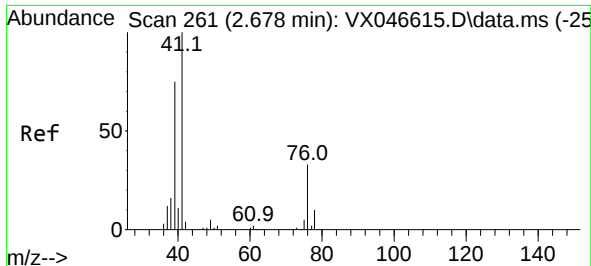
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#16
Carbon Disulfide
Concen: 115.182 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion: 76 Resp: 345932
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





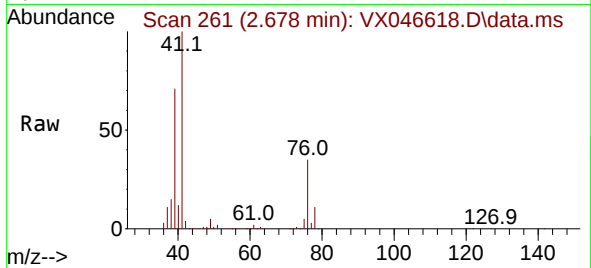
#17
 Allyl chloride
 Concen: 113.089 ug/l
 RT: 2.678 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX046618.D
 Acq: 10 Jun 2025 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

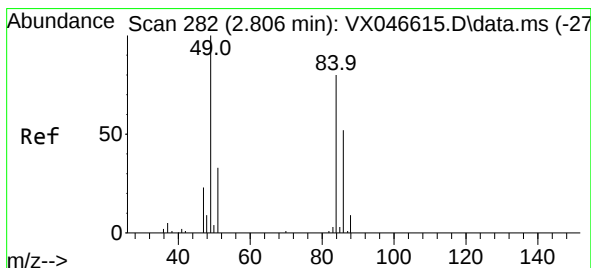
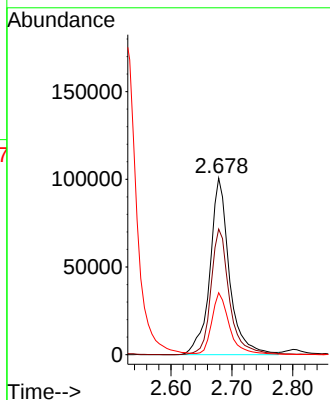
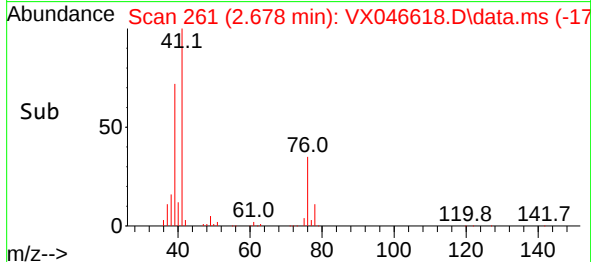


Tgt Ion: 41 Resp: 22339
 Ion Ratio Lower Upper
 41 100
 39 71.0 37.5 112.3
 76 34.7 17.4 52.3

Manual Integrations

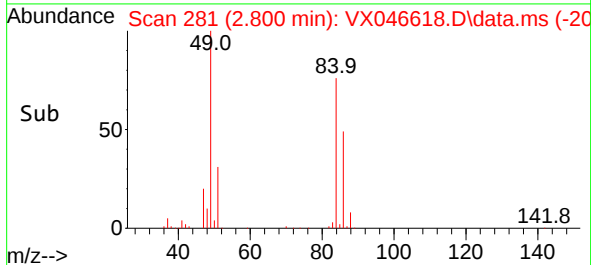
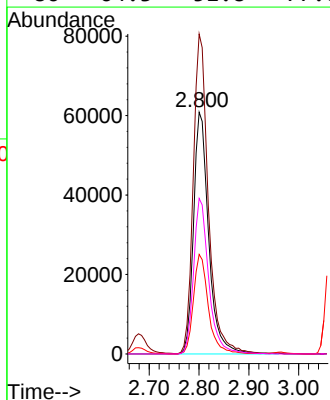
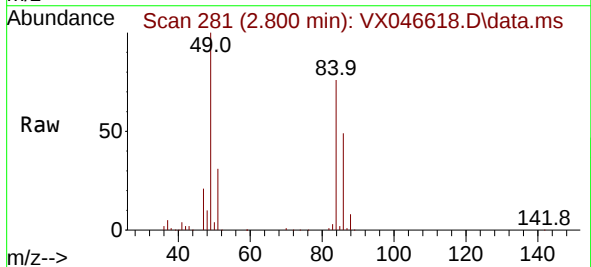
APPROVED

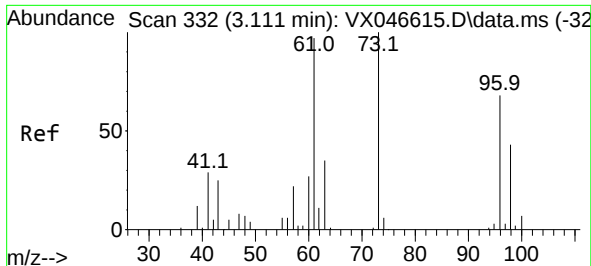
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#18
 Methylene Chloride
 Concen: 108.730 ug/l
 RT: 2.800 min Scan# 281
 Delta R.T. -0.006 min
 Lab File: VX046618.D
 Acq: 10 Jun 2025 21:44

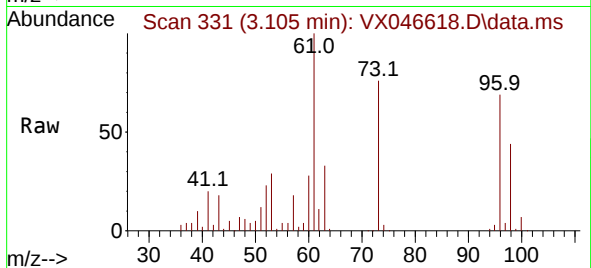
Tgt Ion: 84 Resp: 128528
 Ion Ratio Lower Upper
 84 100
 49 132.2 100.1 150.1
 51 41.2 33.0 49.4
 86 64.3 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 115.290 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

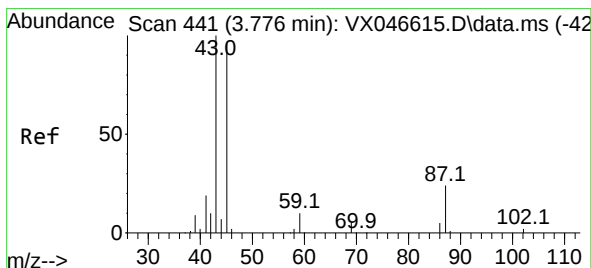
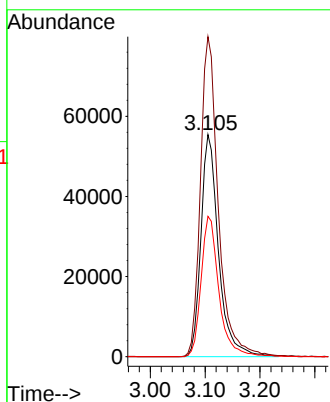
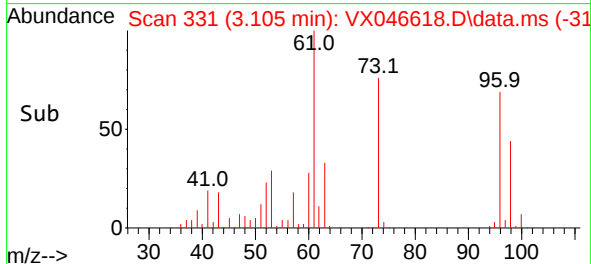
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 12360
Ion Ratio Lower Upper
96 100
61 144.1 114.5 171.7
98 63.2 50.2 75.4

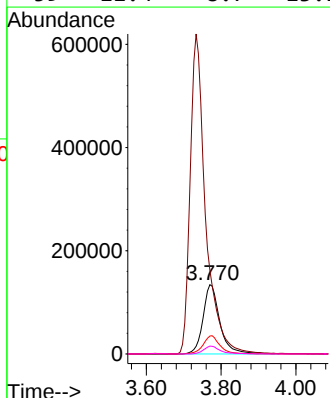
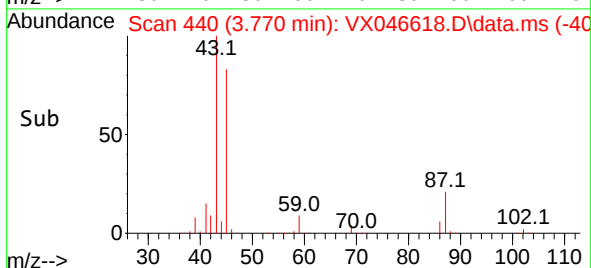
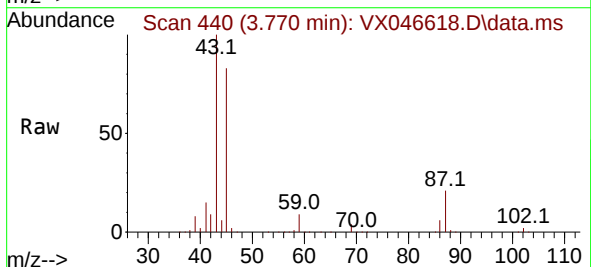
Manual Integrations
APPROVED

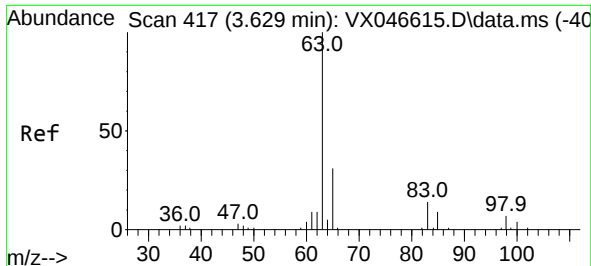
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#20
Diisopropyl ether
Concen: 110.725 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion: 45 Resp: 418693
Ion Ratio Lower Upper
45 100
43 120.7 83.2 124.8
87 25.7 20.2 30.4
59 11.4 8.7 13.1





#21

1,1-Dichloroethane

Concen: 111.501 ug/l

RT: 3.623 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX046618.D

Acq: 10 Jun 2025 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 235079

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

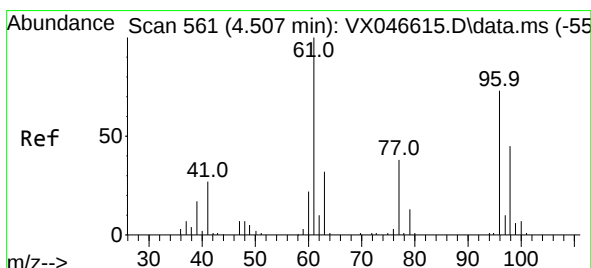
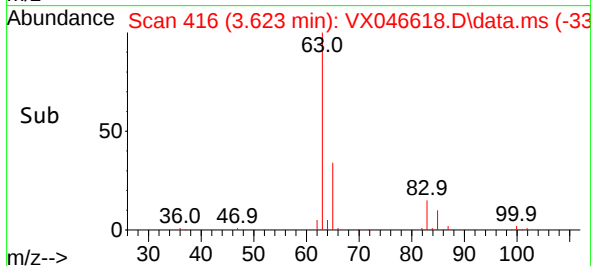
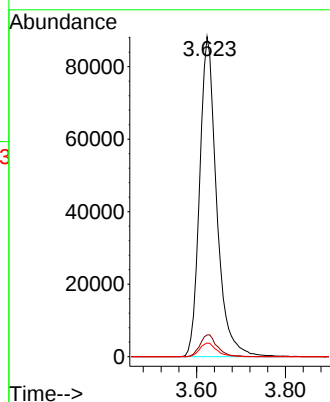
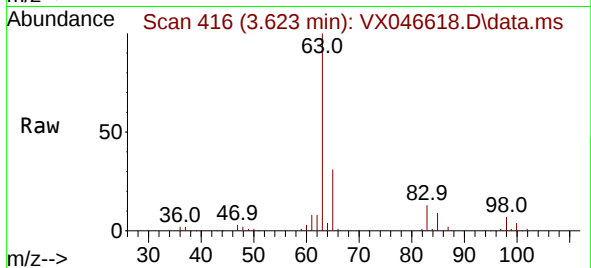
100 4.3 1.8 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#22

cis-1,2-Dichloroethene

Concen: 112.946 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.006 min

Lab File: VX046618.D

Acq: 10 Jun 2025 21:44

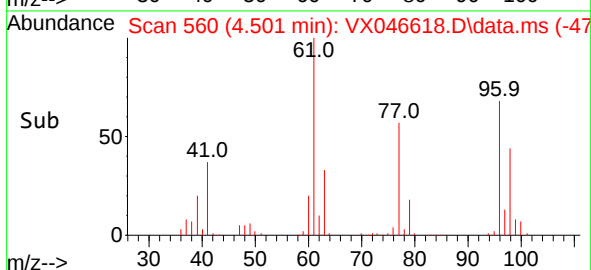
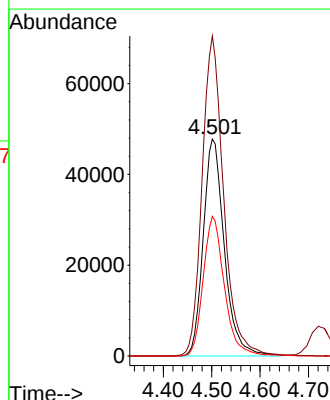
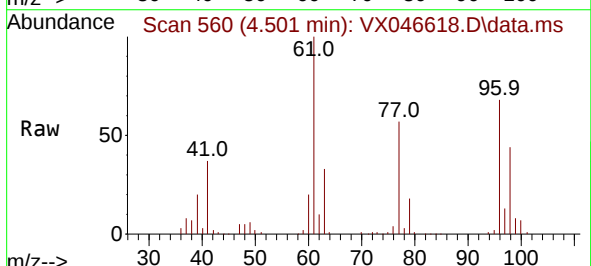
Tgt Ion: 96 Resp: 144888

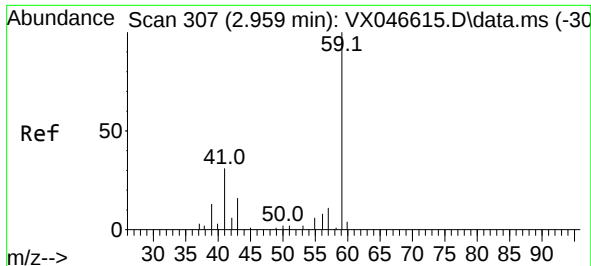
Ion Ratio Lower Upper

96 100

61 150.4 118.6 177.8

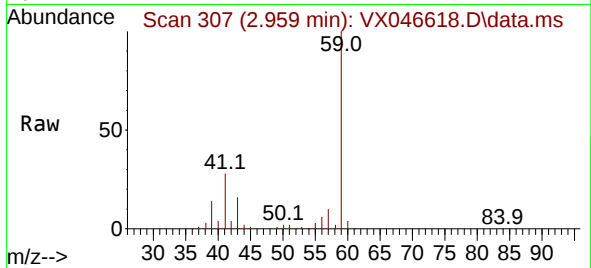
98 64.2 49.6 74.4





#23
tert-Butyl Alcohol
Concen: 357.798 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

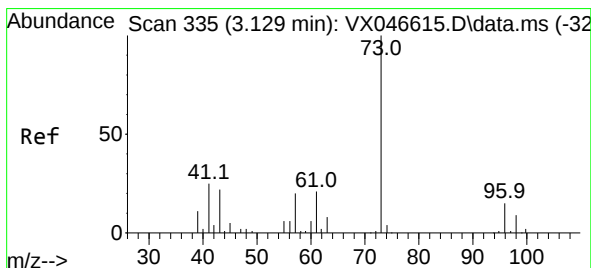
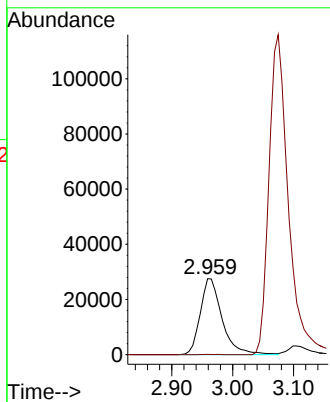
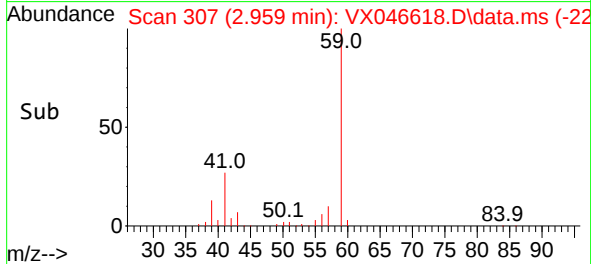
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 6872
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

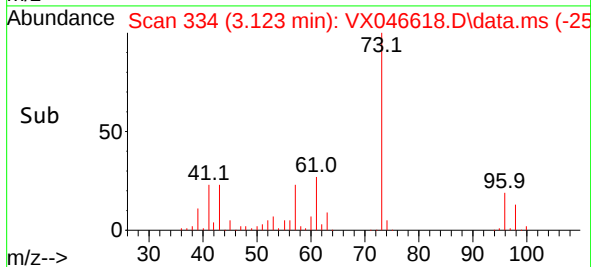
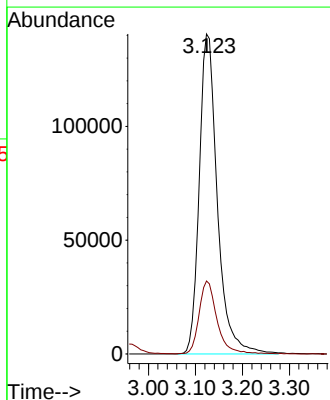
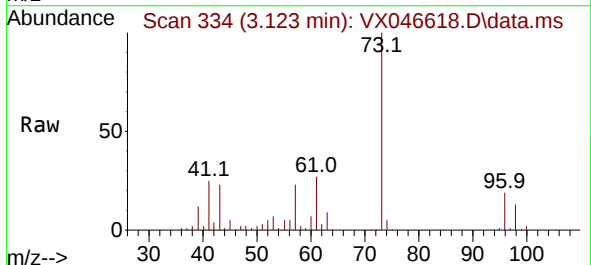
Manual Integrations
APPROVED

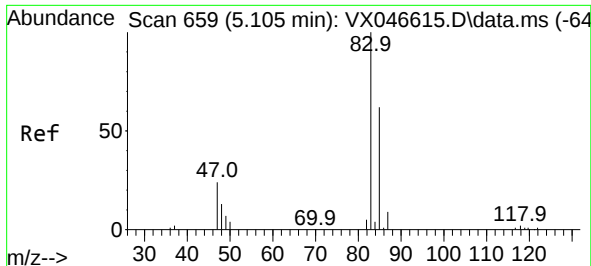
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#24
Methyl tert-Butyl Ether
Concen: 110.087 ug/l
RT: 3.123 min Scan# 334
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion: 73 Resp: 376330
Ion Ratio Lower Upper
73 100
43 22.2 18.4 27.6





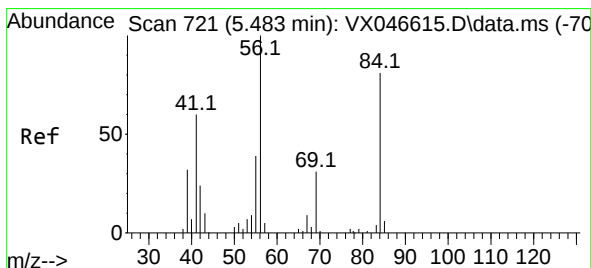
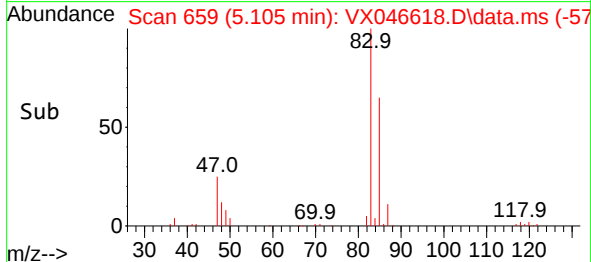
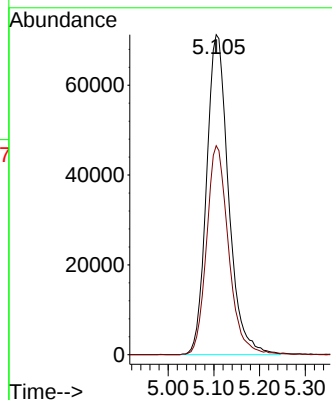
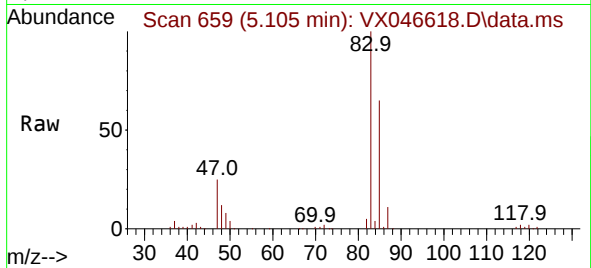
#25
Chloroform
Concen: 116.259 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 238920
Ion Ratio Lower Upper
83 100
85 65.3 49.8 74.6

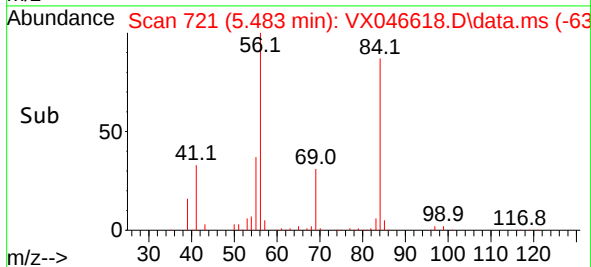
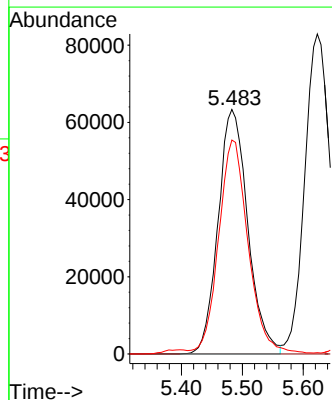
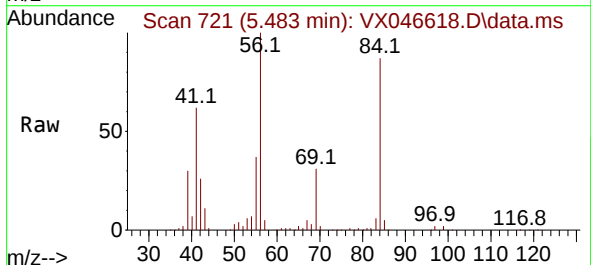
Manual Integrations
APPROVED

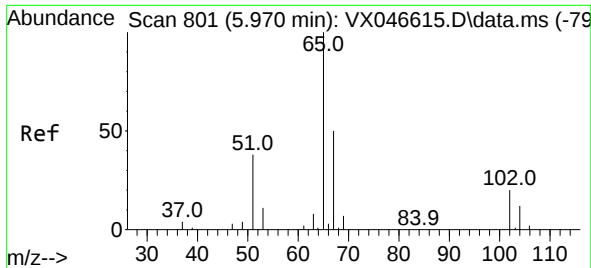
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#26
Cyclohexane
Concen: 110.715 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion: 56 Resp: 214840
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.9 67.4 101.0





#27
1,2-Dichloroethane-d4
Concen: 26.392 ug/l
RT: 5.964 min Scan# 801
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Instrument :

MSVOA_X

ClientSampleId :

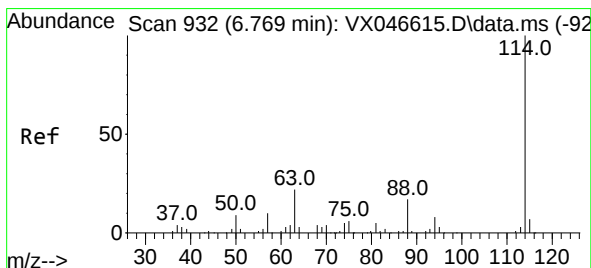
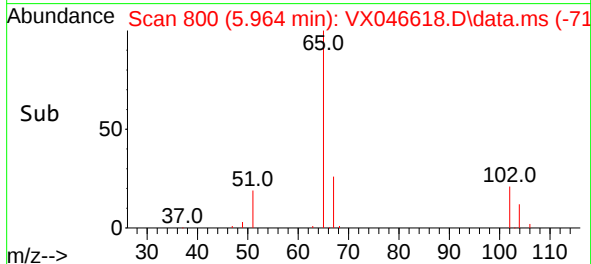
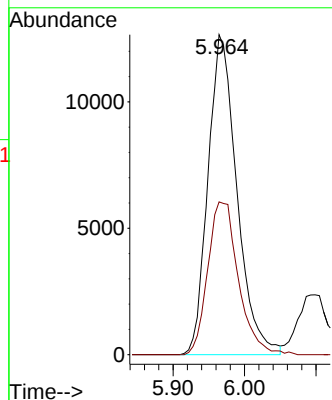
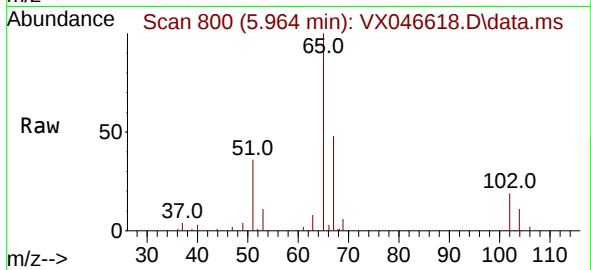
VSTDIC150

Tgt Ion: 65 Resp: 3551
Ion Ratio Lower Upper
65 100
67 50.1 41.4 62.2

Manual Integrations

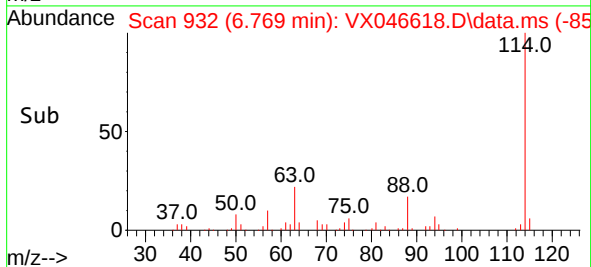
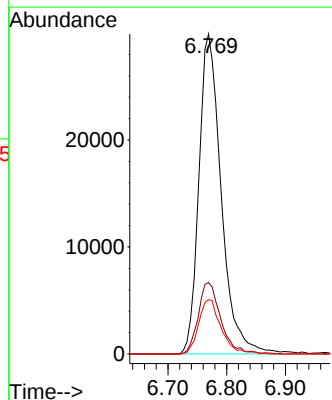
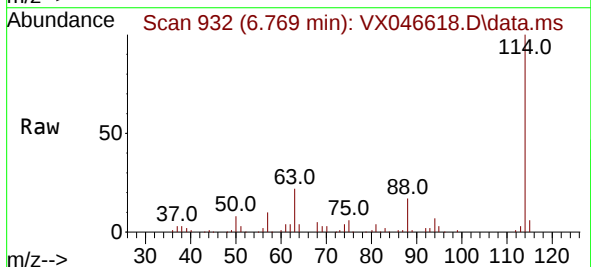
APPROVED

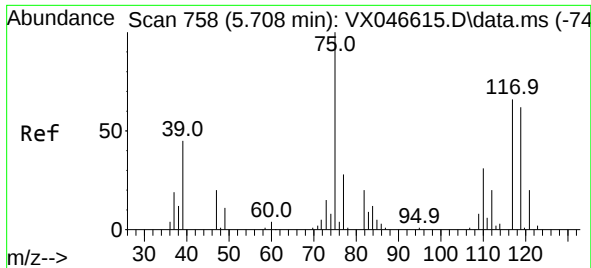
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion:114 Resp: 79056
Ion Ratio Lower Upper
114 100
63 21.7 18.1 27.1
88 17.0 14.1 21.1





#29

1,1-Dichloropropene

Concen: 118.723 ug/l

RT: 5.702 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX046618.D

Acq: 10 Jun 2025 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 171308

Ion Ratio Lower Upper

75 100

110 33.2 0.0 65.4

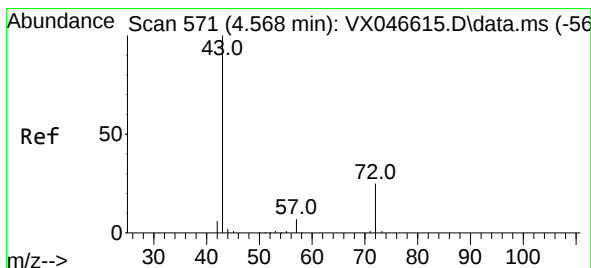
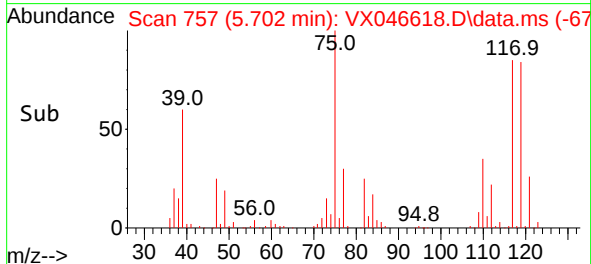
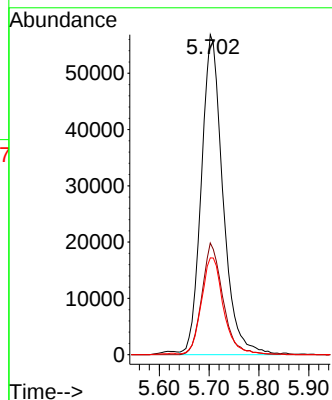
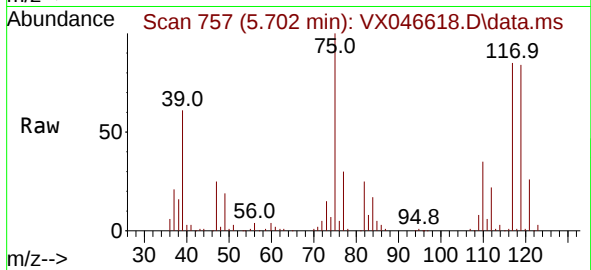
77 31.0 0.0 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#30

2-Butanone

Concen: 486.654 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX046618.D

Acq: 10 Jun 2025 21:44

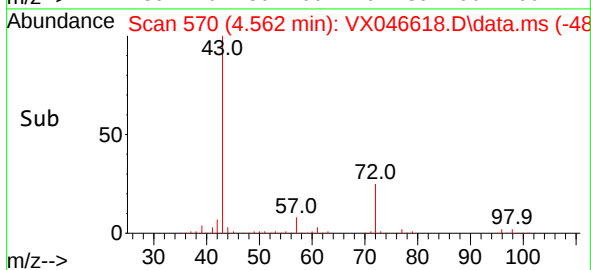
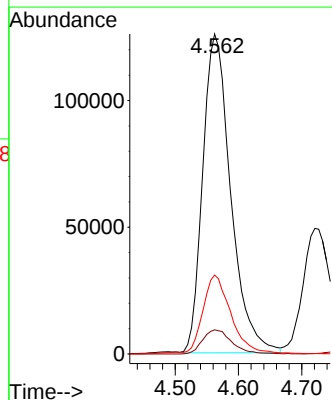
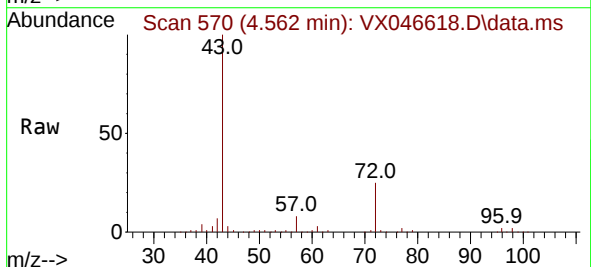
Tgt Ion: 43 Resp: 386857

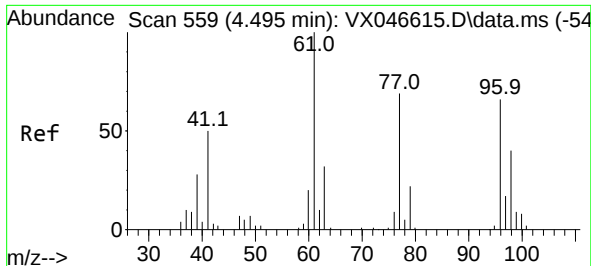
Ion Ratio Lower Upper

43 100

57 7.9 5.8 8.6

72 24.1 19.4 29.2





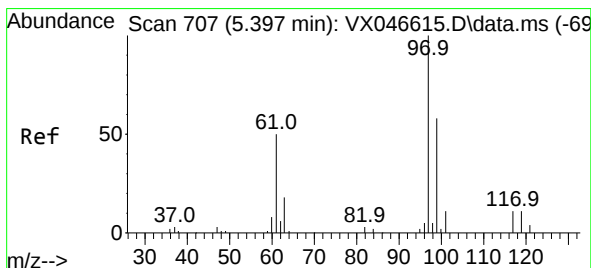
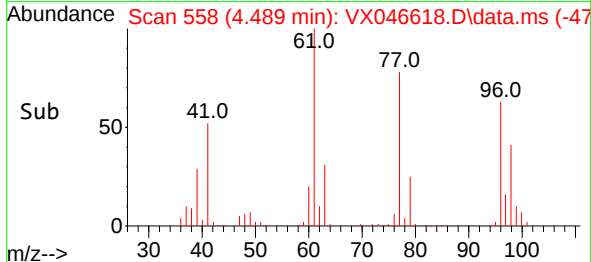
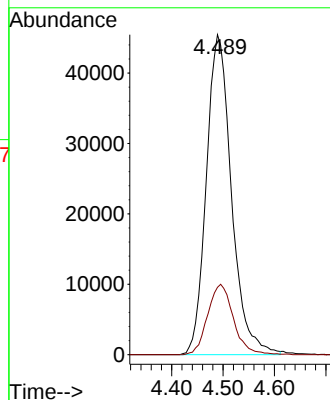
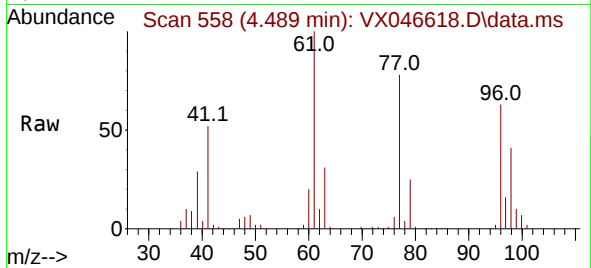
#31
2,2-Dichloropropane
Concen: 98.837 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 77 Resp: 15477
Ion Ratio Lower Upper
77 100
97 22.5 18.6 27.8

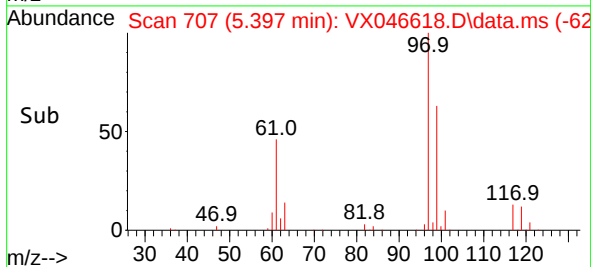
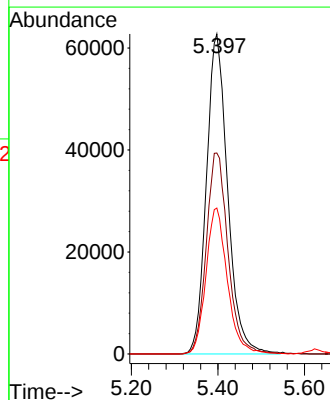
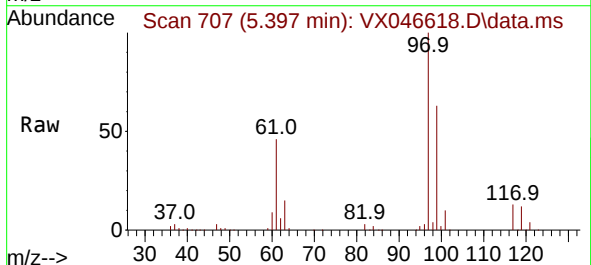
Manual Integrations
APPROVED

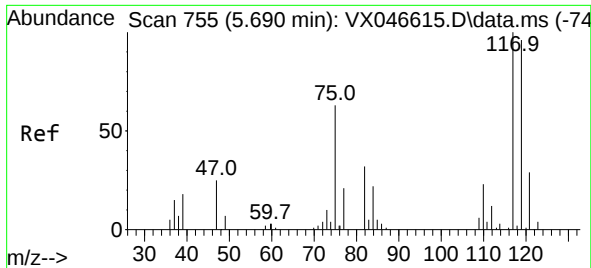
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#32
1,1,1-Trichloroethane
Concen: 121.528 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

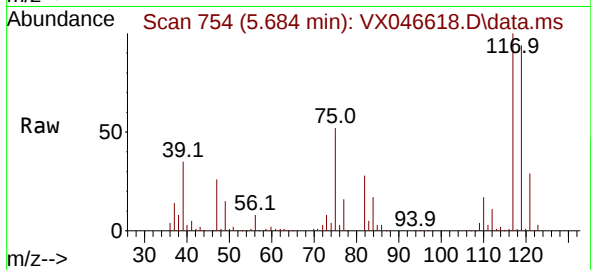
Tgt Ion: 97 Resp: 213130
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 46.1 39.5 59.3





#33
Carbon Tetrachloride
Concen: 126.443 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

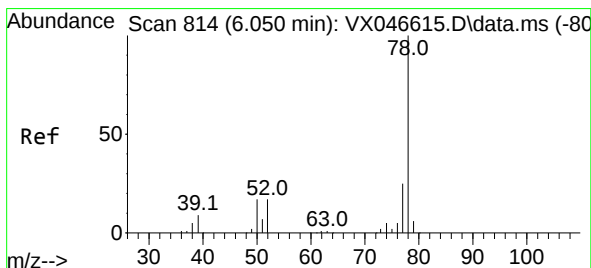
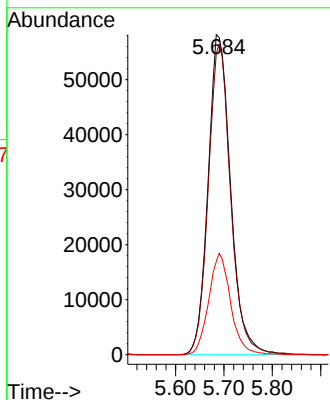
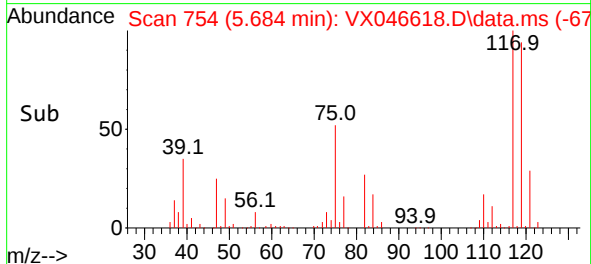
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:117 Resp: 18856
Ion Ratio Lower Upper
117 100
119 94.2 77.1 115.7
121 29.1 23.2 34.8

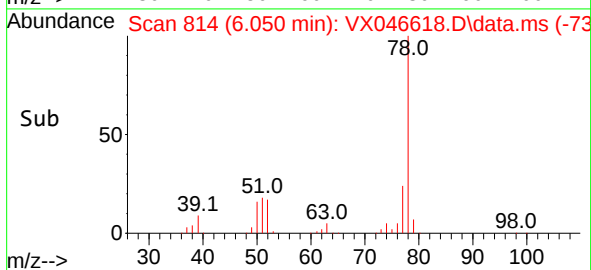
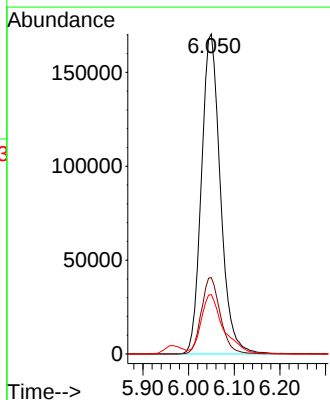
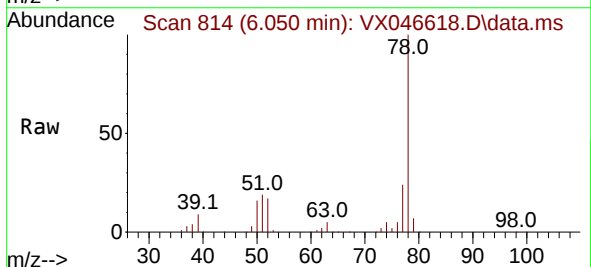
Manual Integrations
APPROVED

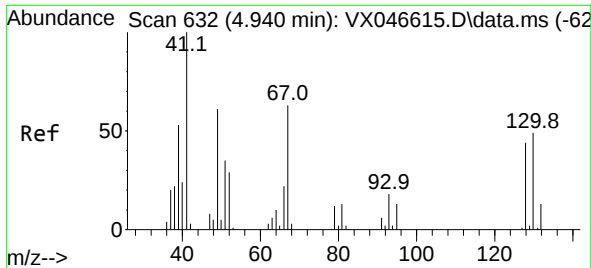
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#34
Benzene
Concen: 110.370 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion: 78 Resp: 491901
Ion Ratio Lower Upper
78 100
77 23.9 19.8 29.8
51 18.5 14.7 22.1





#35
Methacrylonitrile
Concen: 111.916 ug/l
RT: 4.934 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Instrument :

MSVOA_X

ClientSampleId :

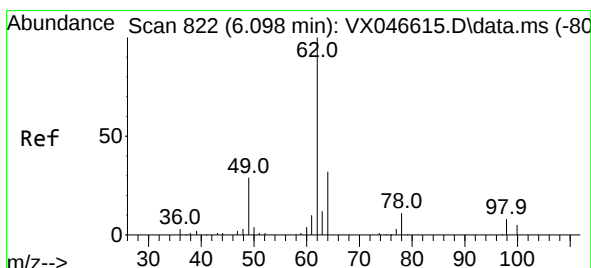
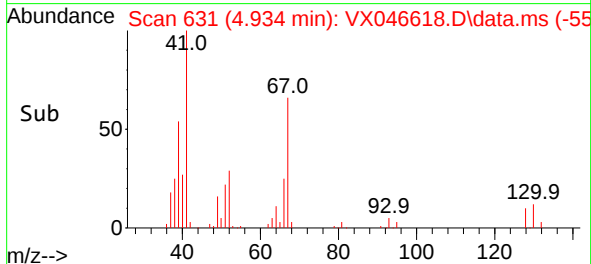
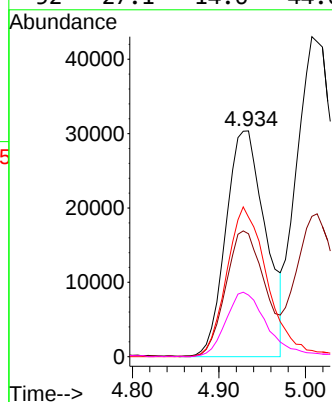
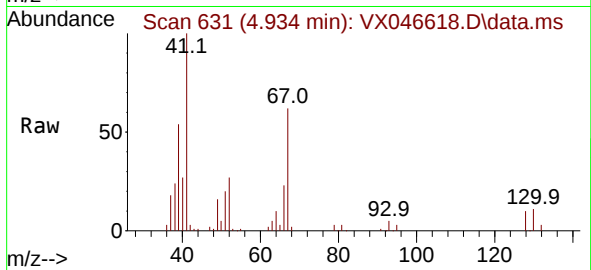
VSTDIC150

Tgt Ion: 41 Resp: 96674
Ion Ratio Lower Upper
41 100
39 54.1 26.4 79.2
67 61.8 31.4 94.3
52 27.1 14.6 44.0

Manual Integrations

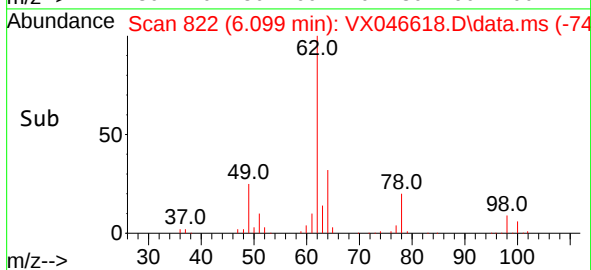
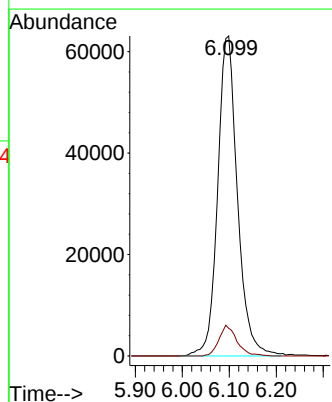
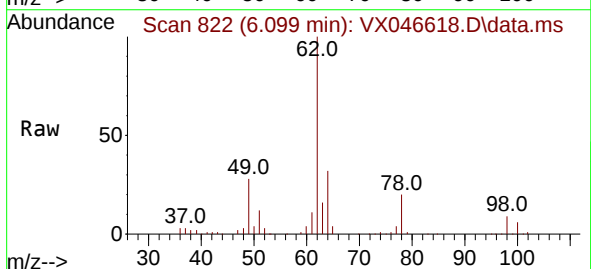
APPROVED

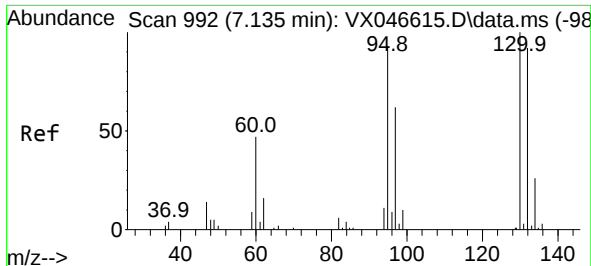
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#36
1,2-Dichloroethane
Concen: 118.218 ug/l
RT: 6.099 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

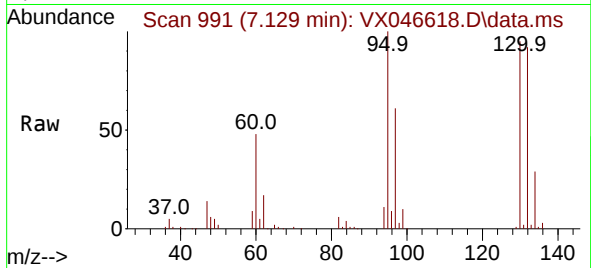
Tgt Ion: 62 Resp: 184658
Ion Ratio Lower Upper
62 100
98 8.4 6.5 9.7





#37
Trichloroethene
Concen: 116.166 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

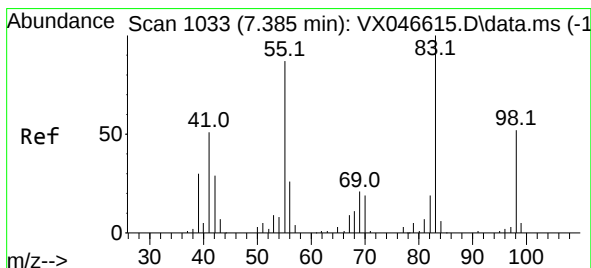
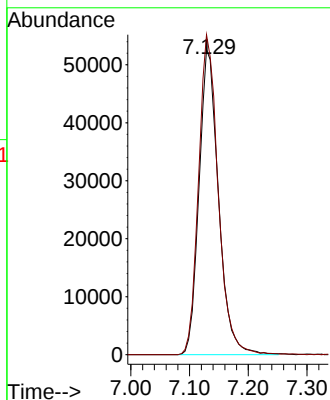
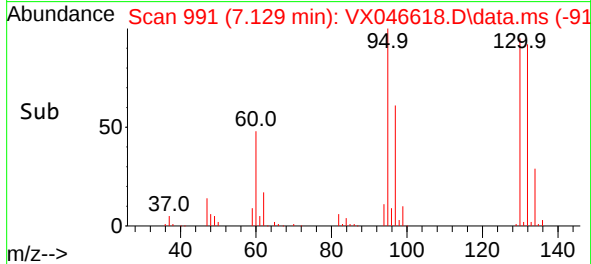
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:130 Resp: 12188
Ion Ratio Lower Upper
130 100
95 104.9 74.7 112.1

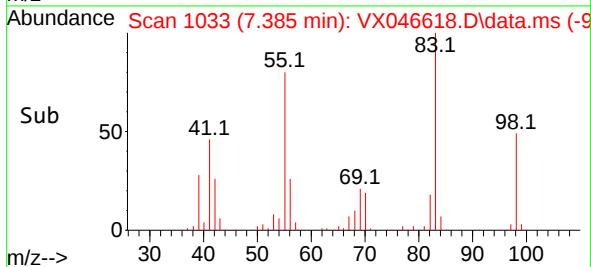
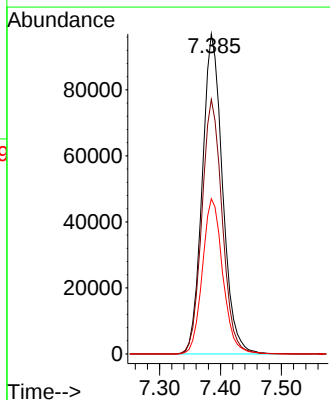
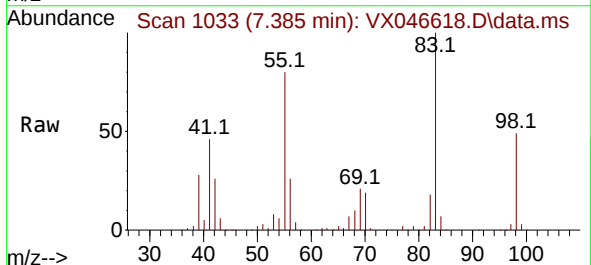
Manual Integrations
APPROVED

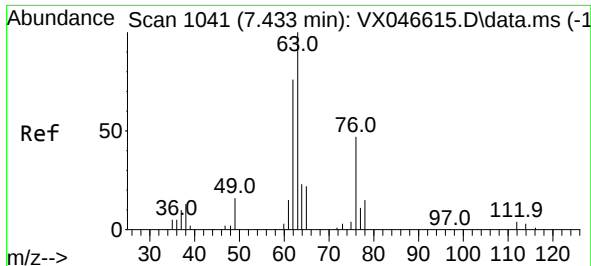
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#38
Methylcyclohexane
Concen: 117.319 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion: 83 Resp: 224529
Ion Ratio Lower Upper
83 100
55 79.7 42.6 128.0
98 48.7 24.8 74.3





#39

1,2-Dichloropropane

Concen: 112.304 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX046618.D

Acq: 10 Jun 2025 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 12402

Ion Ratio Lower Upper

63 100

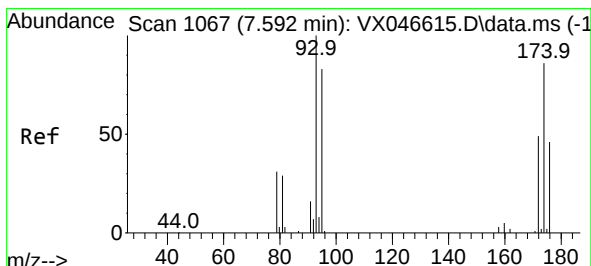
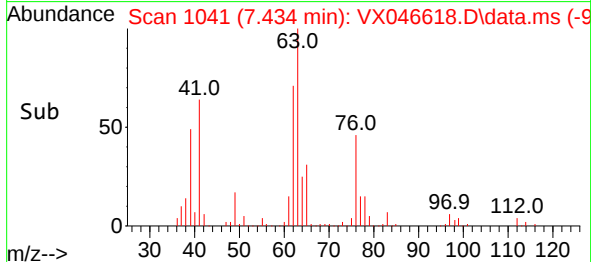
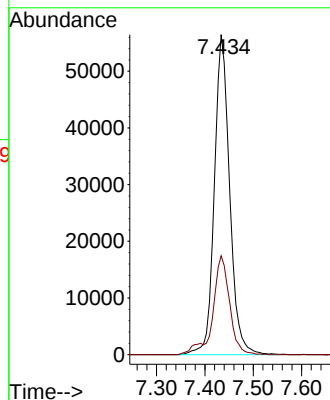
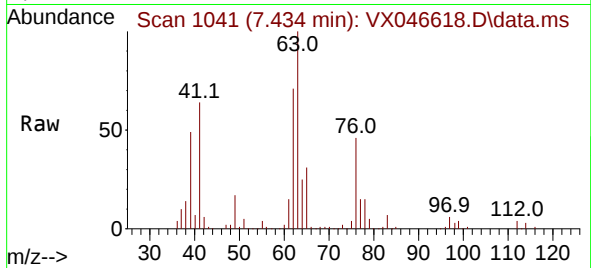
65 30.9 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#40

Dibromomethane

Concen: 113.559 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VX046618.D

Acq: 10 Jun 2025 21:44

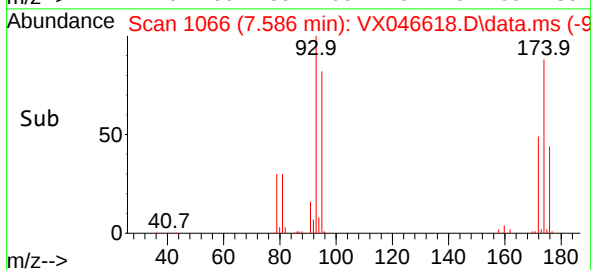
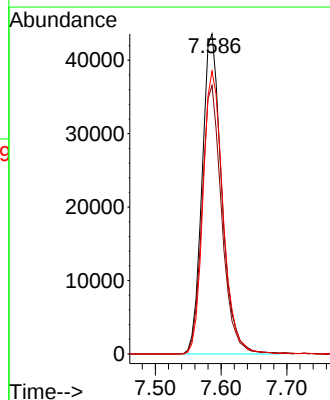
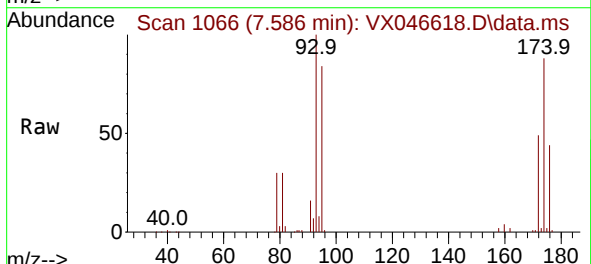
Tgt Ion: 93 Resp: 90996

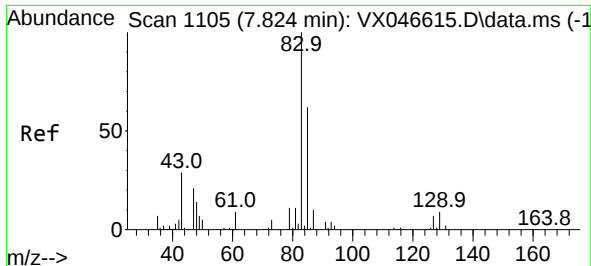
Ion Ratio Lower Upper

93 100

95 83.5 0.0 164.8

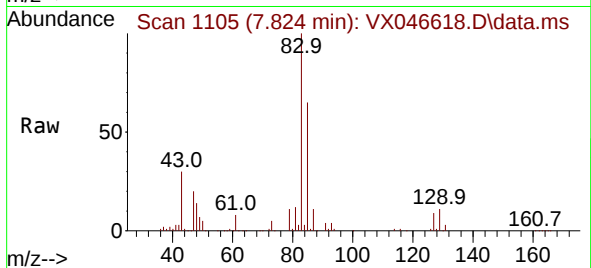
174 89.3 0.0 176.0





#41
Bromodichloromethane
Concen: 118.021 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

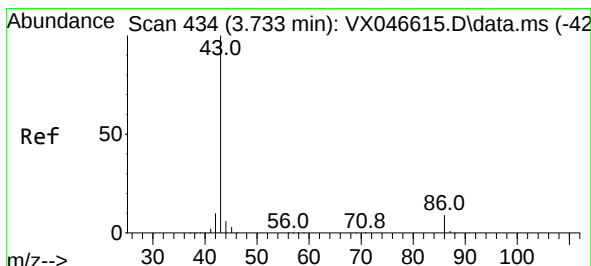
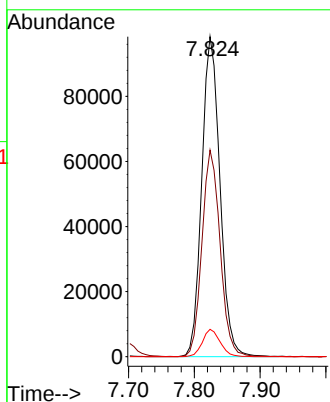
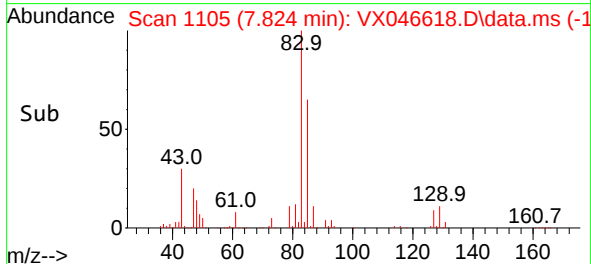
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 189762
Ion Ratio Lower Upper
83 100
85 64.5 49.8 74.6
127 8.6 5.5 8.3

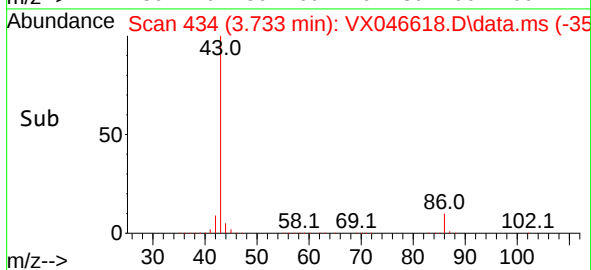
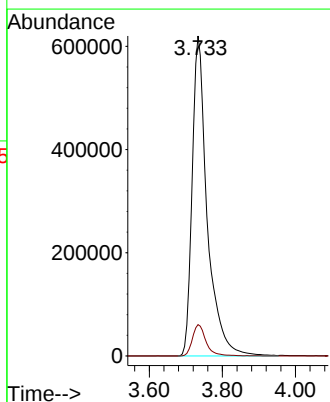
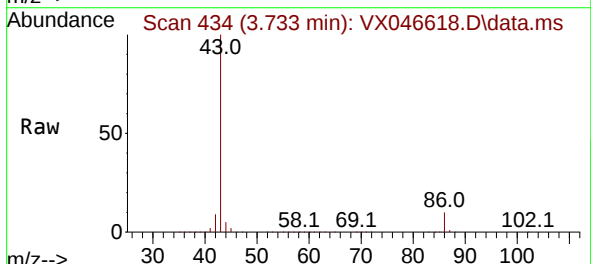
Manual Integrations
APPROVED

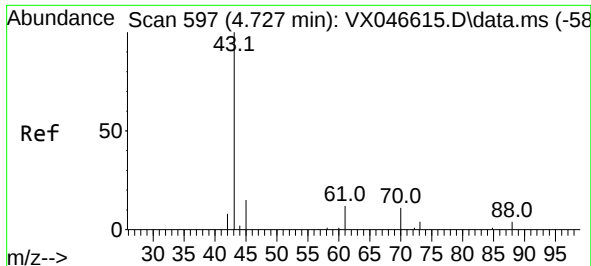
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#42
Vinyl Acetate
Concen: 576.121 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion: 43 Resp: 1779960
Ion Ratio Lower Upper
43 100
86 8.8 6.4 9.6





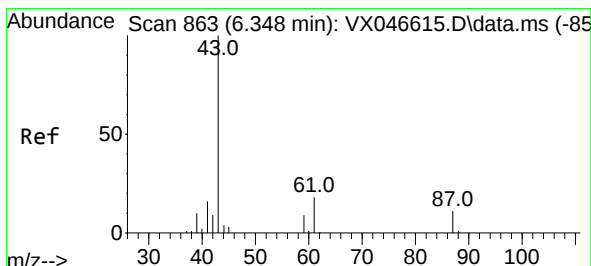
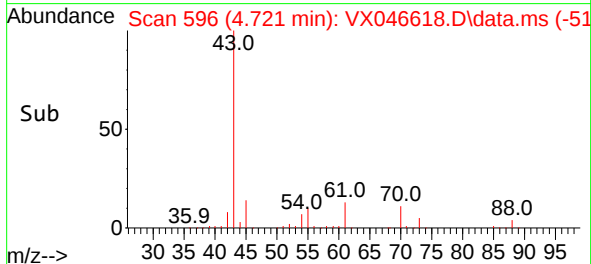
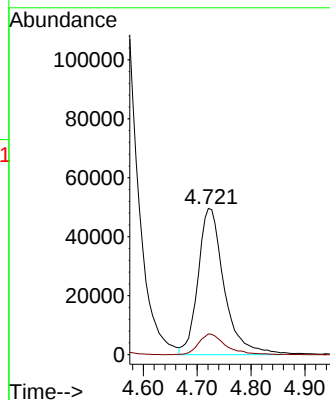
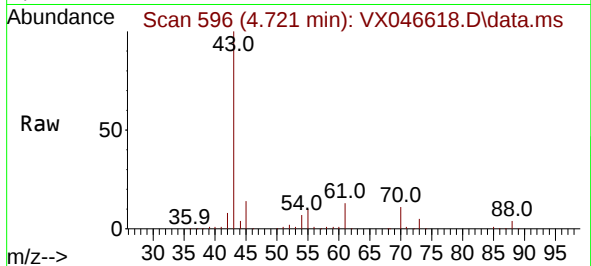
#43
Ethyl Acetate
Concen: 109.638 ug/l m
RT: 4.721 min Scan# 597
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 16702
Ion Ratio Lower Upper
43 100
45 14.4 7.9 11.9

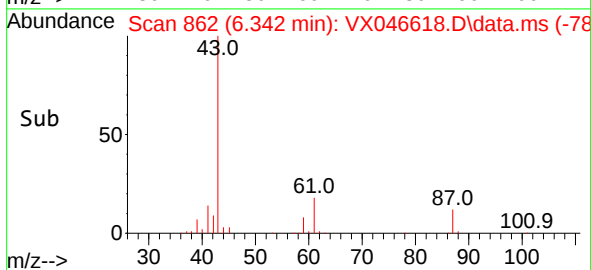
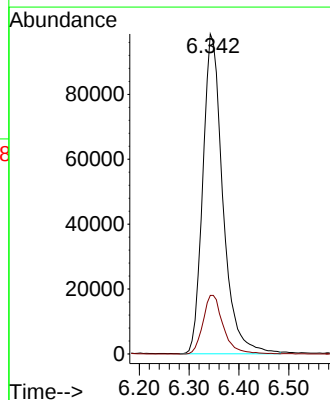
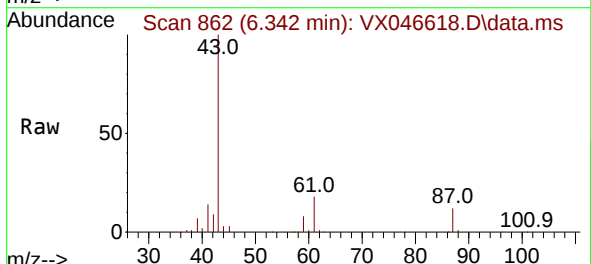
Manual Integrations
APPROVED

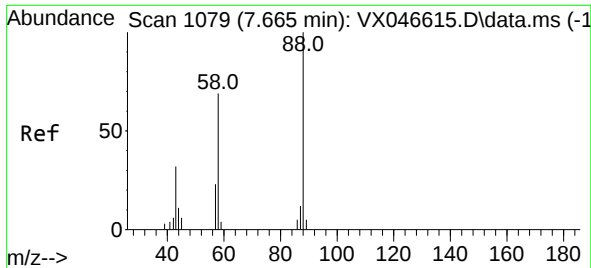
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#44
Isopropyl Acetate
Concen: 110.657 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

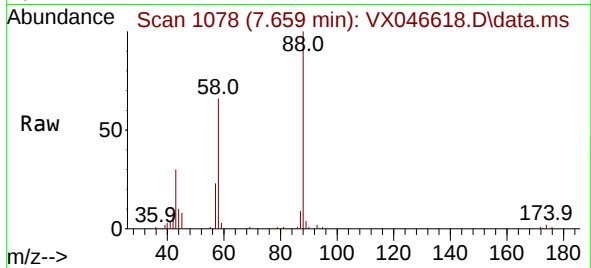
Tgt Ion: 43 Resp: 275162
Ion Ratio Lower Upper
43 100
61 18.5 15.0 22.4





#45
1,4-Dioxane
Concen: 1342.301 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

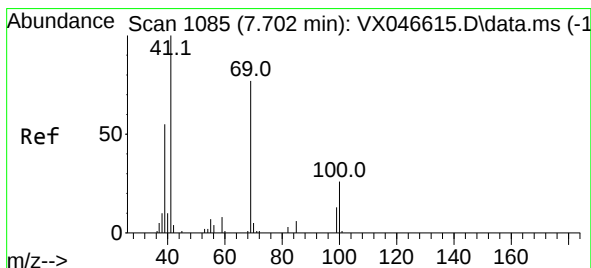
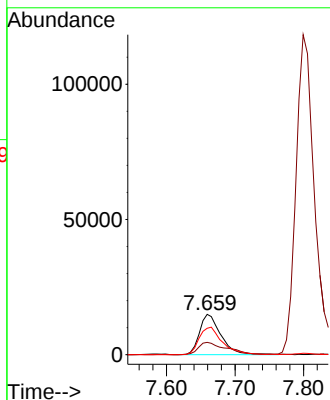
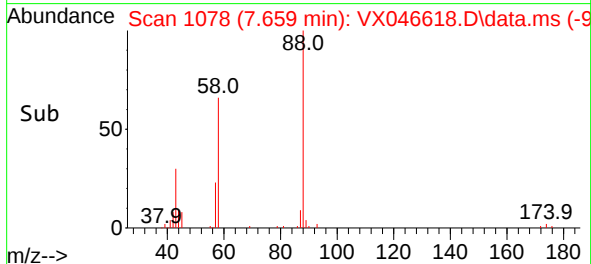
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 88 Resp: 32180
Ion Ratio Lower Upper
88 100
43 41.0 21.6 32.4
58 74.2 60.8 91.2

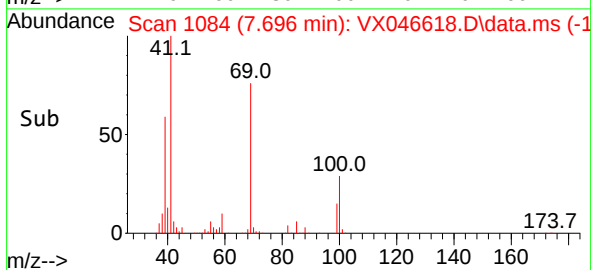
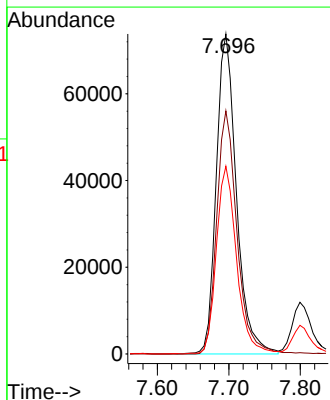
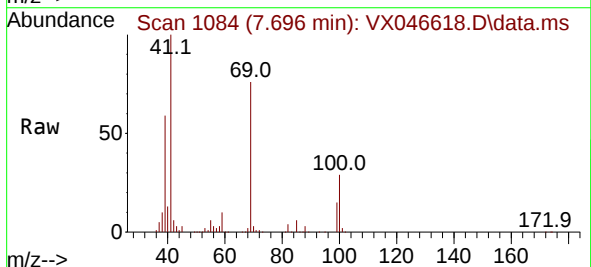
Manual Integrations
APPROVED

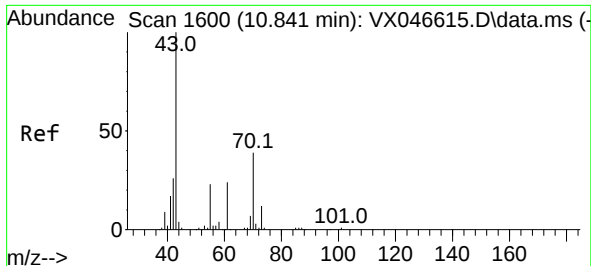
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#46
Methyl methacrylate
Concen: 115.776 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

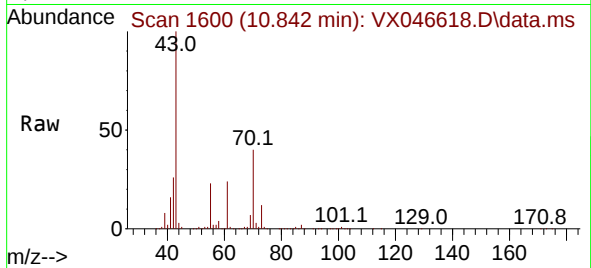
Tgt Ion: 41 Resp: 144279
Ion Ratio Lower Upper
41 100
69 76.0 38.7 116.1
39 58.6 27.7 83.1





#47
n-amy1 Acetate
Concen: 114.012 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

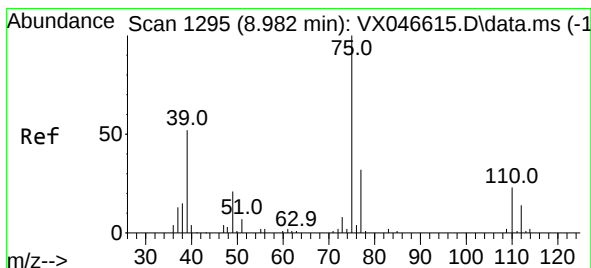
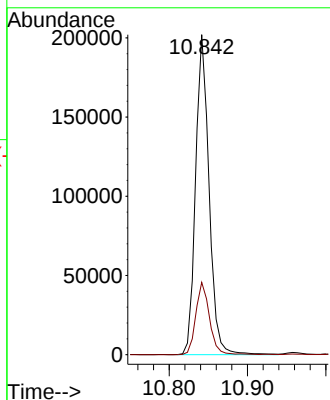
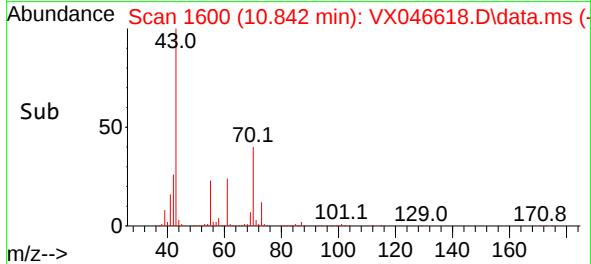
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 242185
Ion Ratio Lower Upper
43 100
55 22.7 19.4 29.2

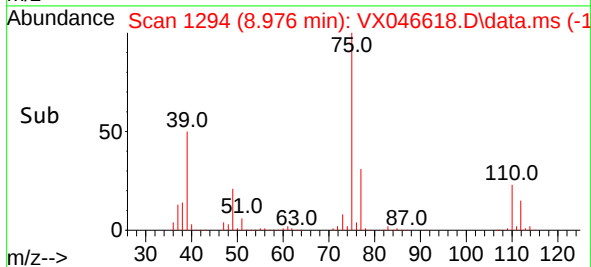
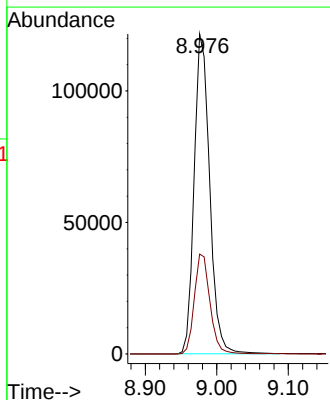
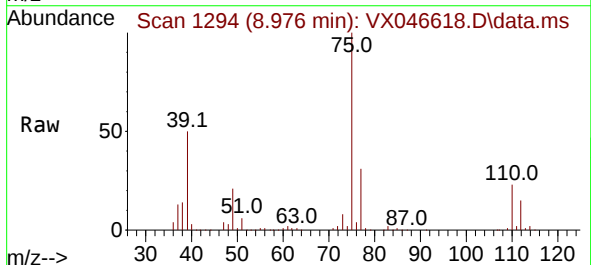
Manual Integrations
APPROVED

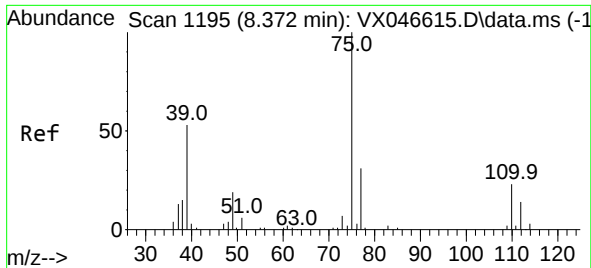
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#48
t-1,3-Dichloropropene
Concen: 119.607 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion: 75 Resp: 182939
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 116.222 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX046618.D

Acq: 10 Jun 2025 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 19966

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

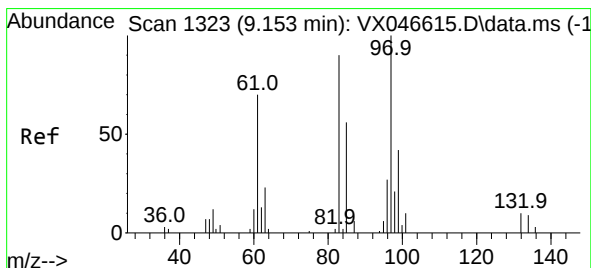
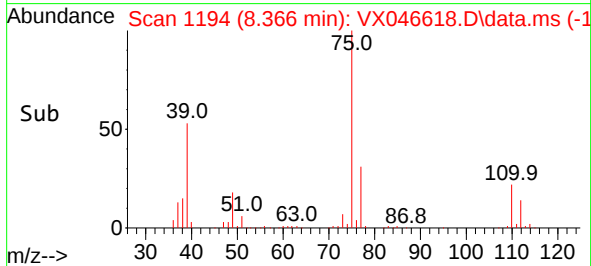
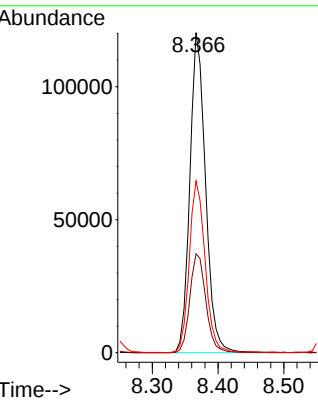
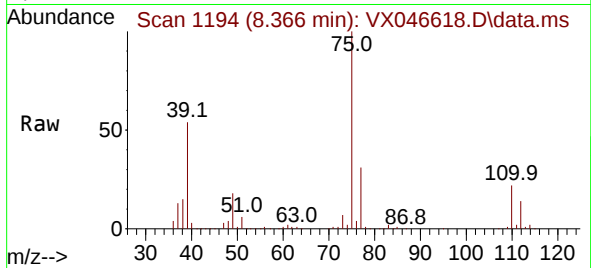
39 53.6 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#50

1,1,2-Trichloroethane

Concen: 111.187 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX046618.D

Acq: 10 Jun 2025 21:44

Tgt Ion: 97 Resp: 114954

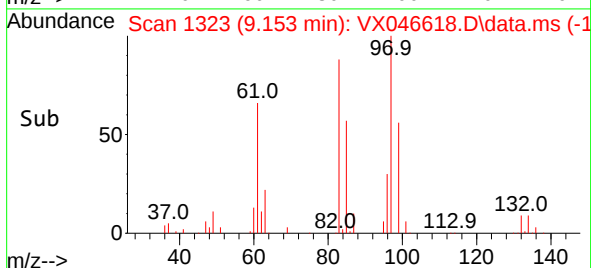
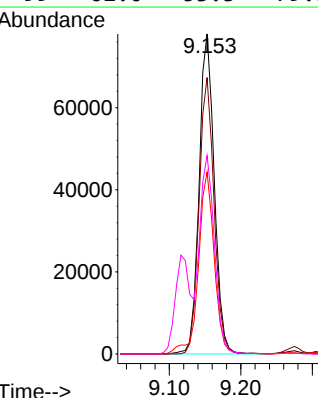
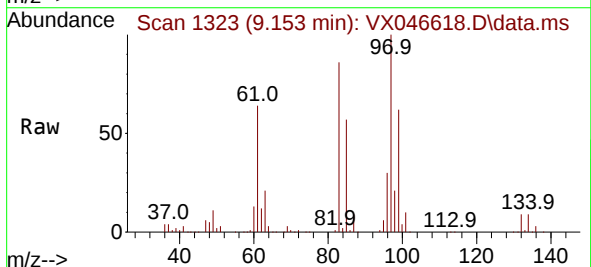
Ion Ratio Lower Upper

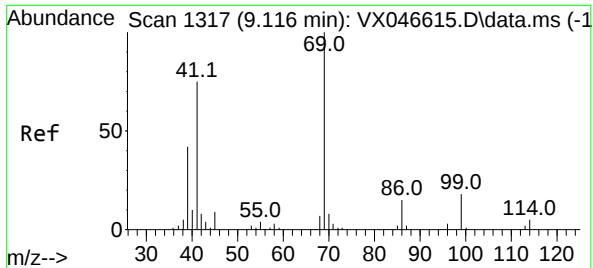
97 100

83 86.4 72.1 108.1

85 56.9 47.5 71.3

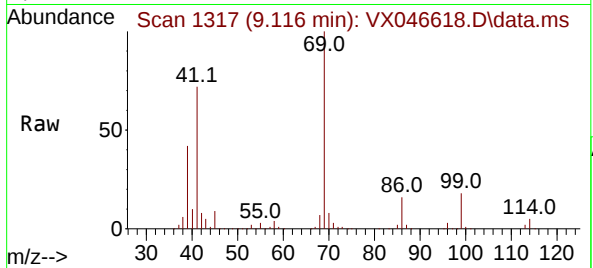
99 62.0 53.3 79.9





#51
Ethyl methacrylate
Concen: 114.491 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

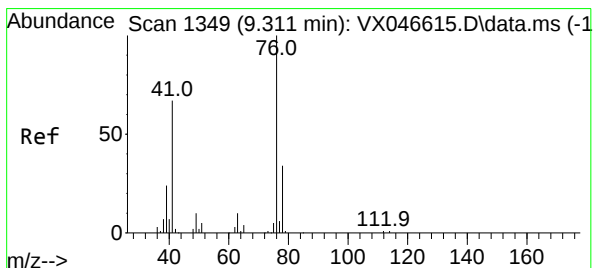
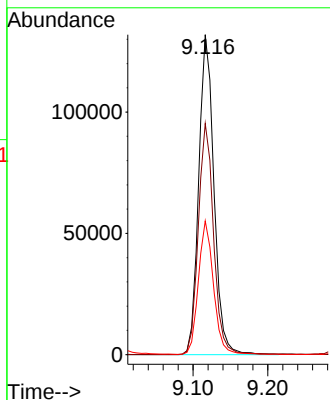
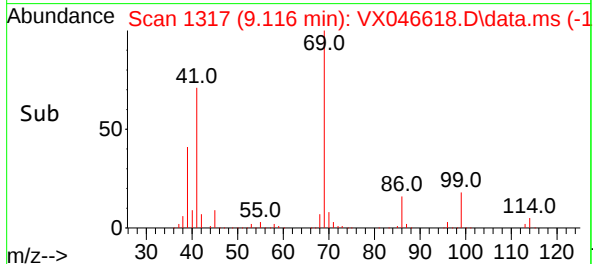
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



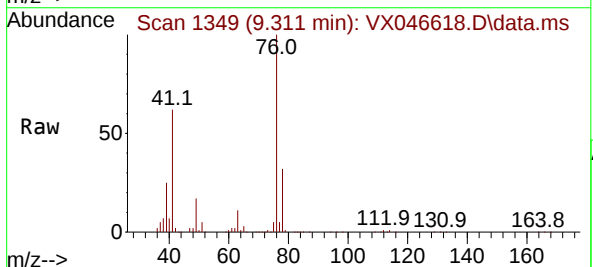
Tgt Ion: 69 Resp: 186954
Ion Ratio Lower Upper
69 100
41 72.2 37.4 112.2
39 41.7 20.8 62.5

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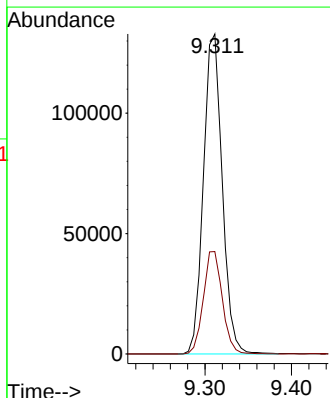
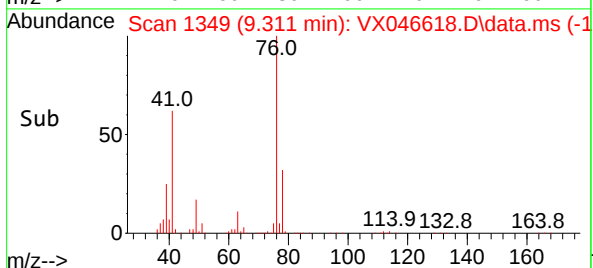
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

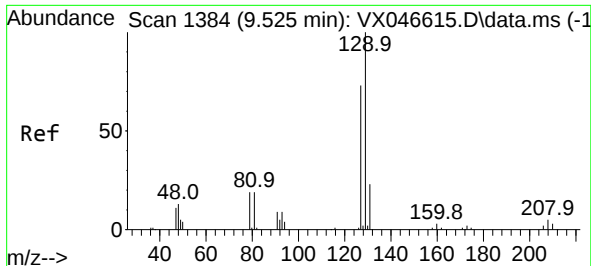


#52
1,3-Dichloropropane
Concen: 110.446 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44



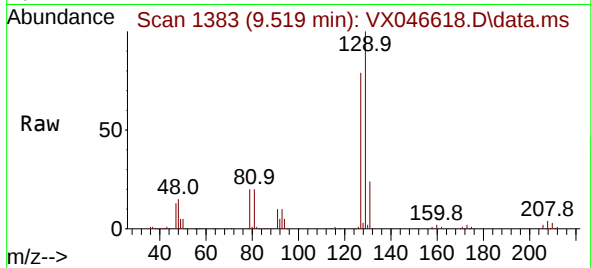
Tgt Ion: 76 Resp: 200619
Ion Ratio Lower Upper
76 100
78 32.3 0.0 62.6





#53
Dibromochloromethane
Concen: 120.833 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

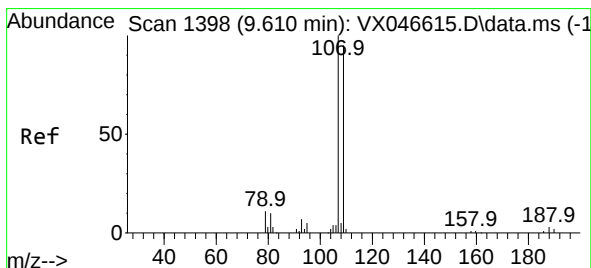
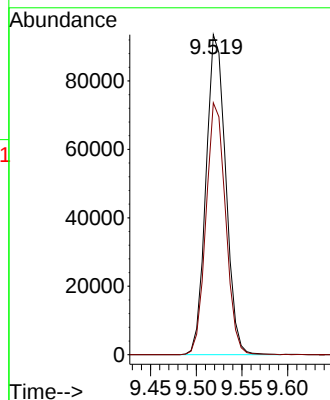
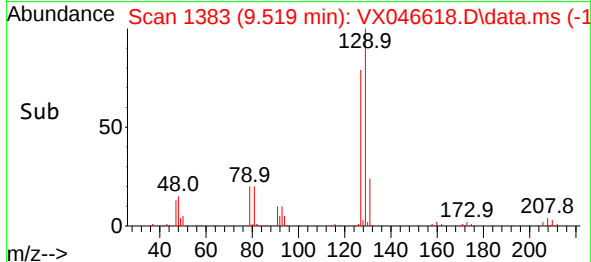
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:129 Resp: 139959
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.9

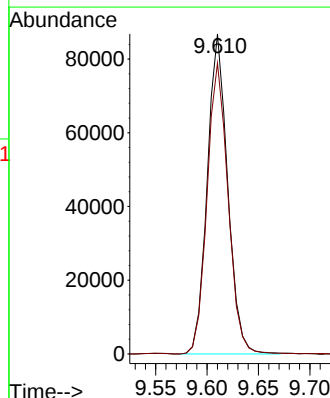
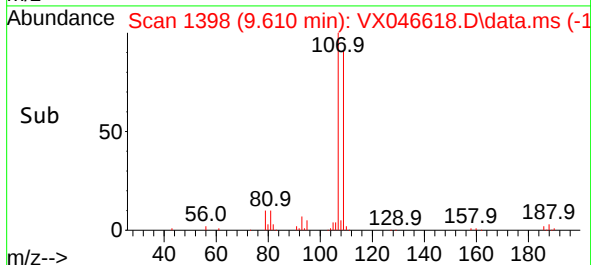
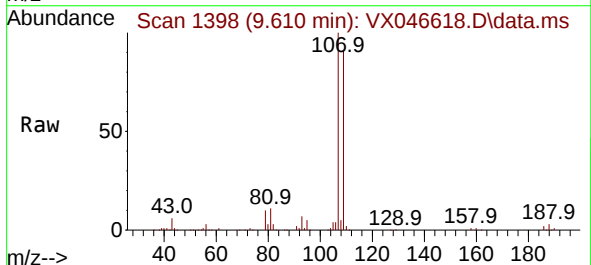
Manual Integrations
APPROVED

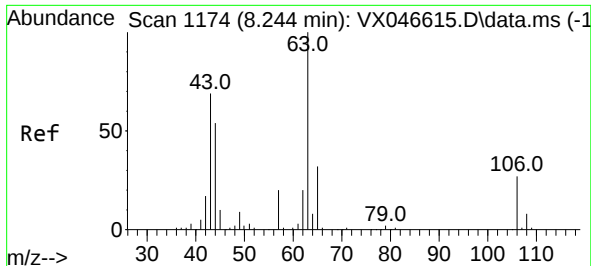
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#54
1,2-Dibromoethane
Concen: 113.580 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion:107 Resp: 120053
Ion Ratio Lower Upper
107 100
109 93.4 75.8 113.8





#55

2-Chloroethyl vinyl ether

Concen: 453.061 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046618.D

Acq: 10 Jun 2025 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 38159

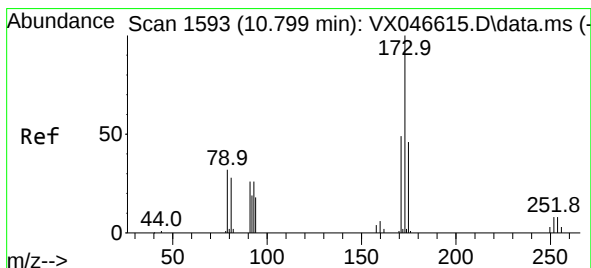
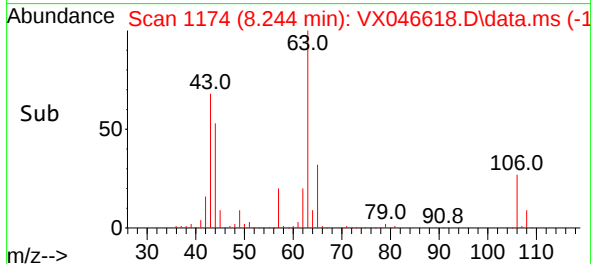
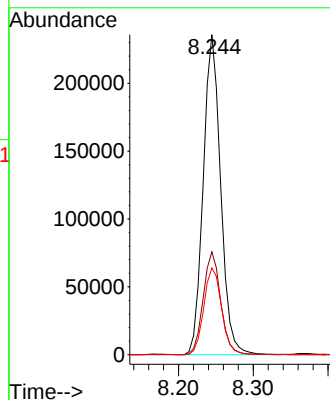
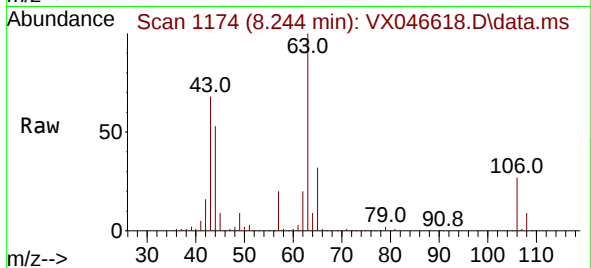
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.2	37.8
106	27.7	21.8	32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#56

Bromoform

Concen: 120.198 ug/l

RT: 10.799 min Scan# 1593

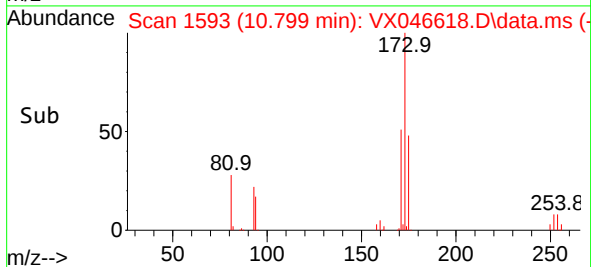
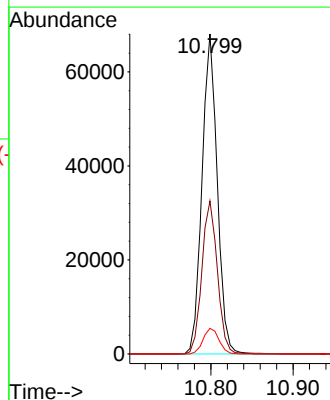
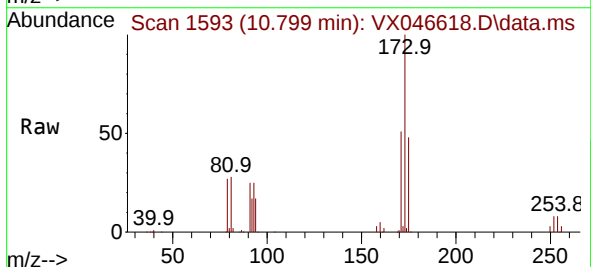
Delta R.T. 0.000 min

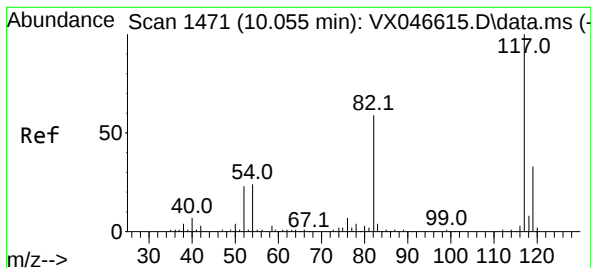
Lab File: VX046618.D

Acq: 10 Jun 2025 21:44

Tgt Ion:173 Resp: 87839

Ion	Ratio	Lower	Upper
173	100		
175	48.6	38.0	57.0
254	8.3	6.7	10.1





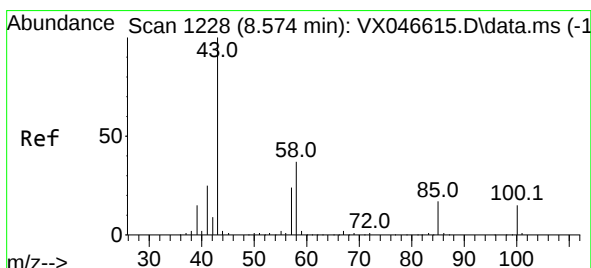
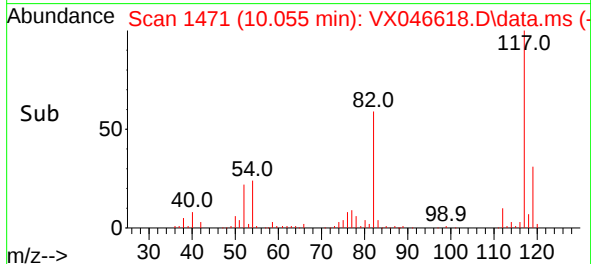
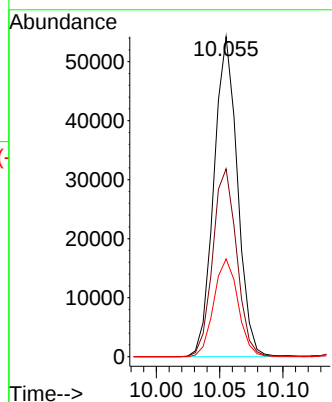
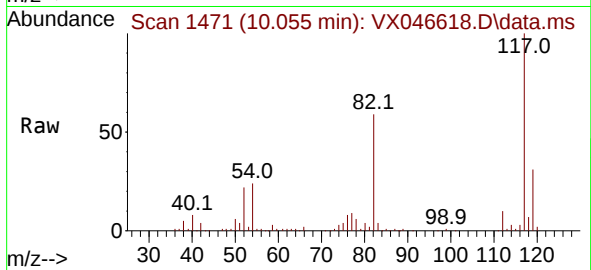
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 117 Resp: 7023
Ion Ratio Lower Upper
117 100
82 59.5 46.5 69.7
119 31.4 25.8 38.6

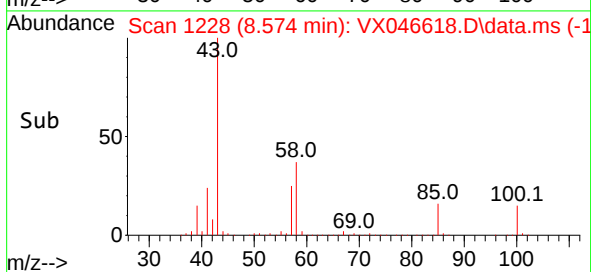
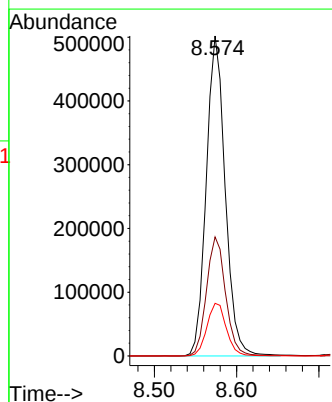
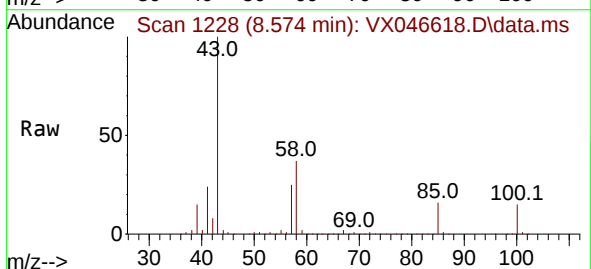
Manual Integrations
APPROVED

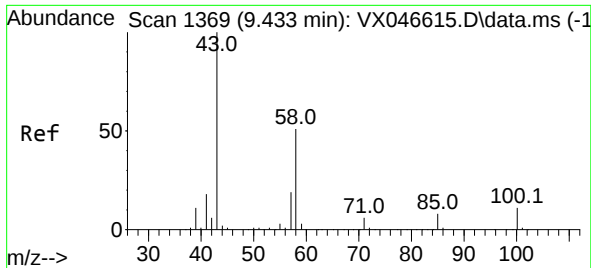
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#58
4-Methyl-2-Pentanone
Concen: 526.387 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

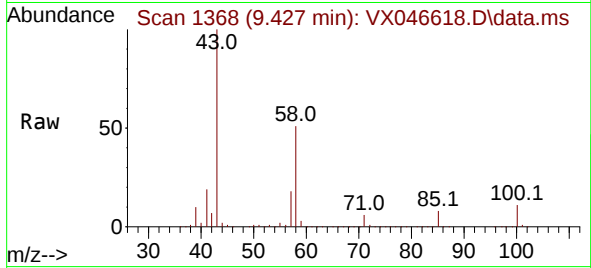
Tgt Ion: 43 Resp: 802150
Ion Ratio Lower Upper
43 100
58 37.6 29.4 44.2
85 16.9 13.3 19.9





#59
2-Hexanone
Concen: 515.756 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

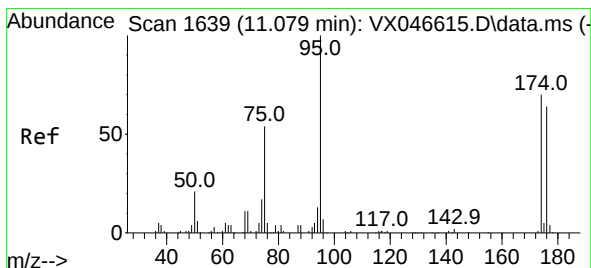
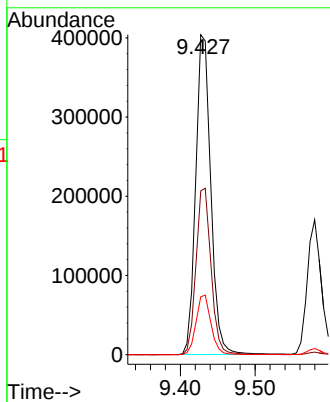
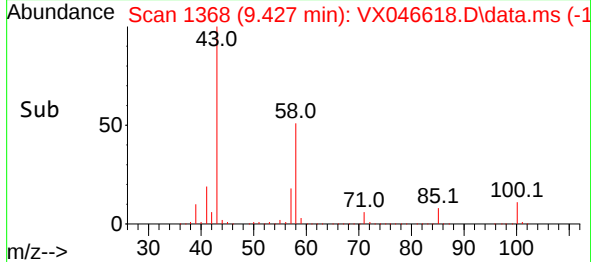
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 566900
Ion Ratio Lower Upper
43 100
58 51.9 39.8 59.8
57 18.4 14.5 21.7

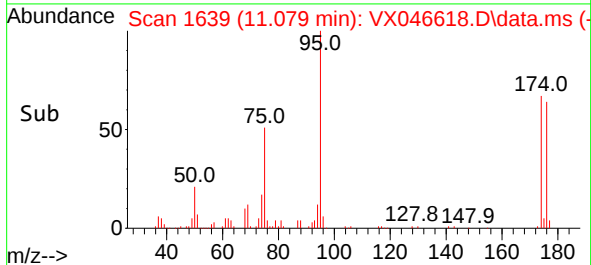
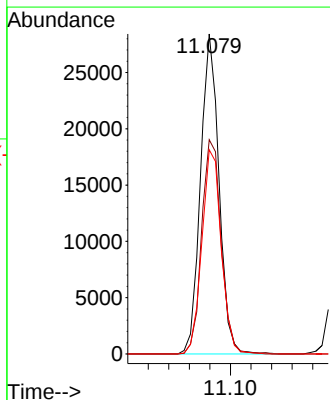
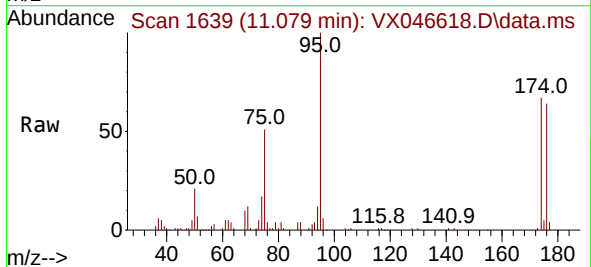
Manual Integrations
APPROVED

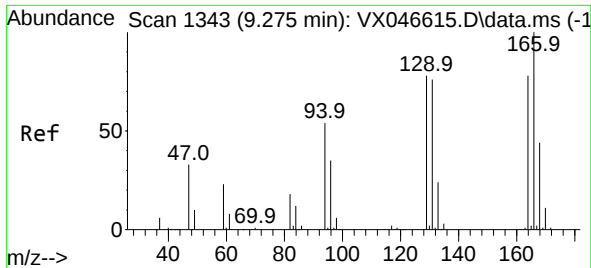
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#60
4-Bromofluorobenzene
Concen: 27.562 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

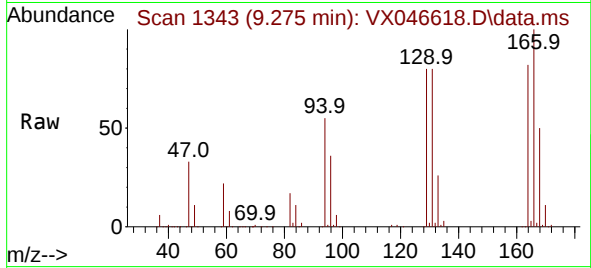
Tgt Ion: 95 Resp: 35488
Ion Ratio Lower Upper
95 100
174 70.4 56.0 84.0
176 66.9 52.2 78.4





#61
Tetrachloroethene
Concen: 117.346 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

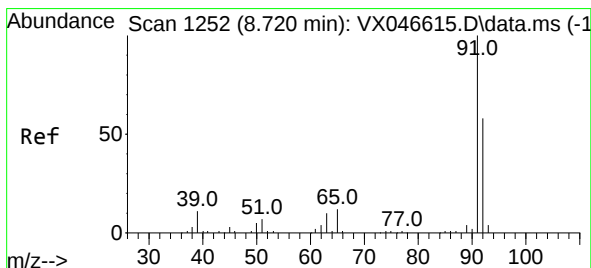
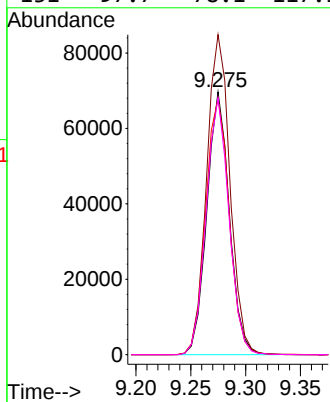
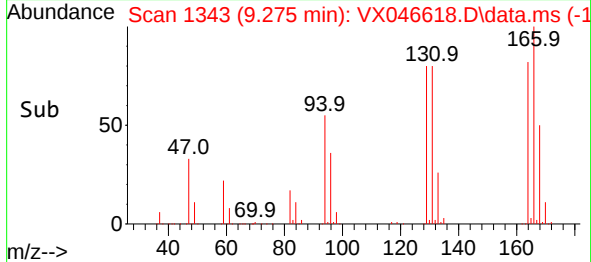
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



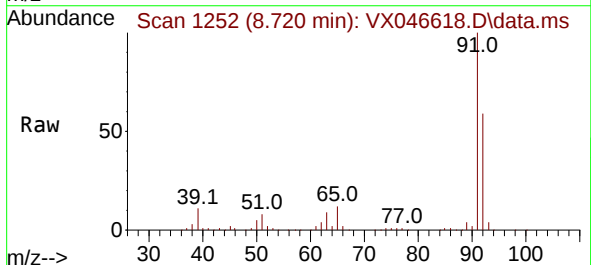
Tgt Ion:164 Resp: 9951
Ion Ratio Lower Upper
164 100
166 121.7 103.1 154.7
129 97.4 80.3 120.5
131 97.7 78.1 117.1

Manual Integrations
APPROVED

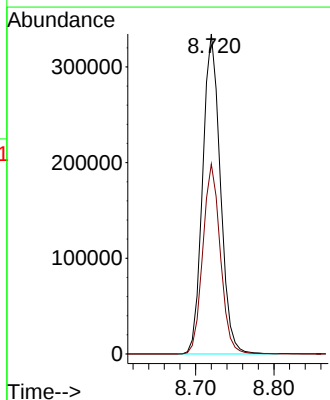
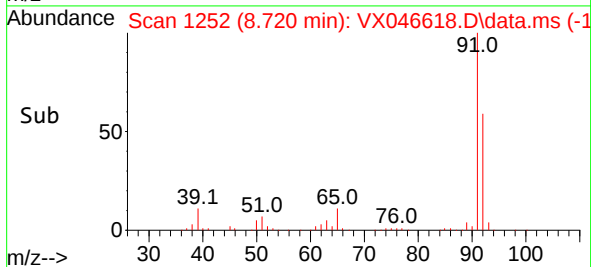
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

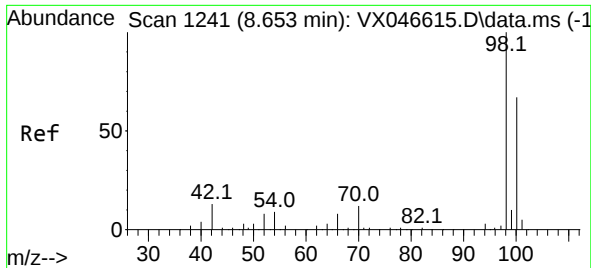


#62
Toluene
Concen: 114.948 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44



Tgt Ion: 91 Resp: 523875
Ion Ratio Lower Upper
91 100
92 58.7 46.8 70.2





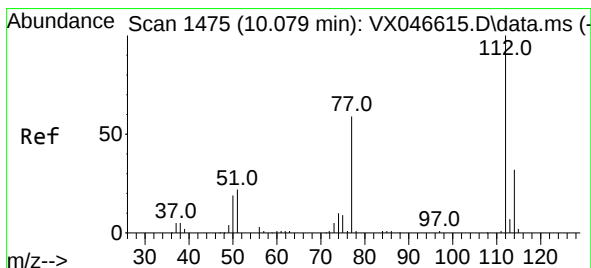
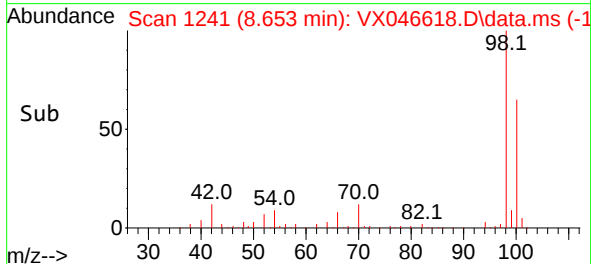
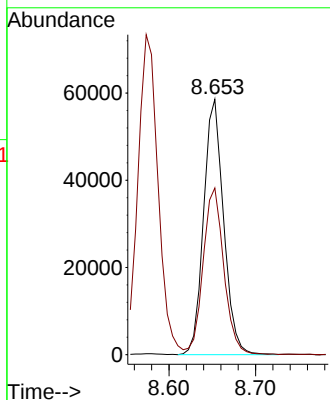
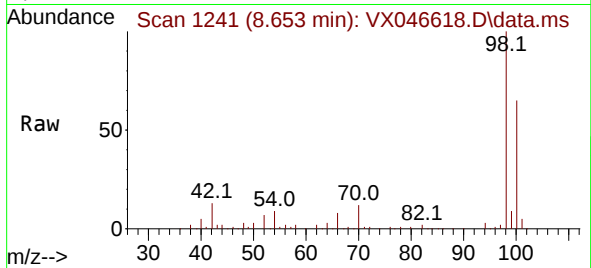
#63
Toluene-d8
Concen: 25.129 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 93932
Ion Ratio Lower Upper
98 100
100 67.7 52.6 79.0

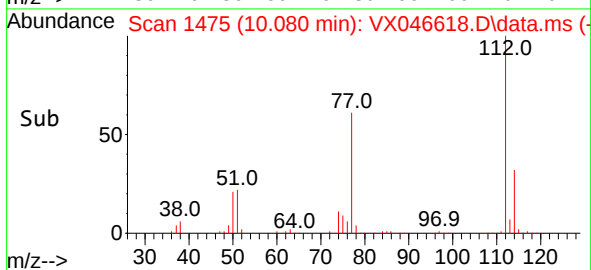
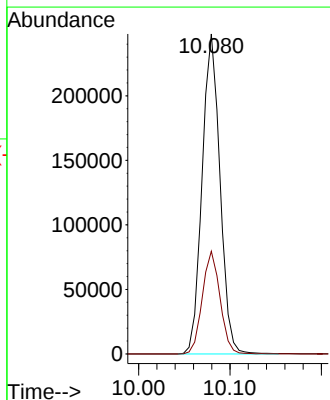
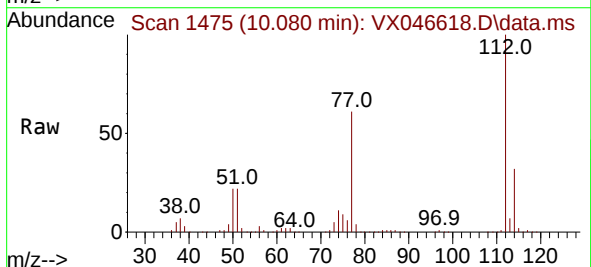
Manual Integrations
APPROVED

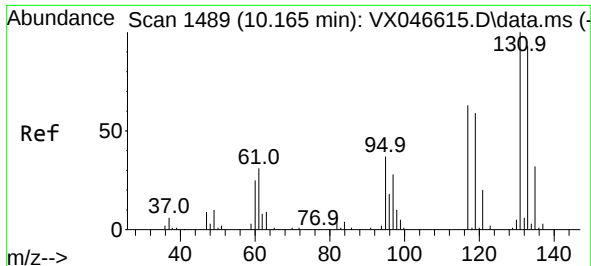
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#64
Chlorobenzene
Concen: 118.833 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

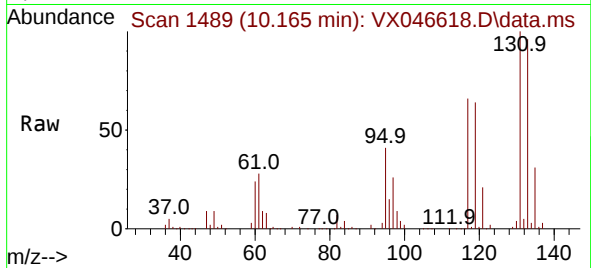
Tgt Ion:112 Resp: 336208
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0





#65
1,1,1,2-Tetrachloroethane
Concen: 121.746 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

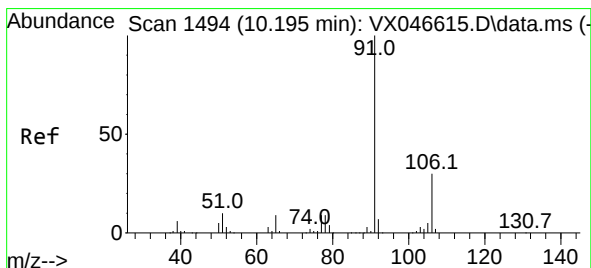
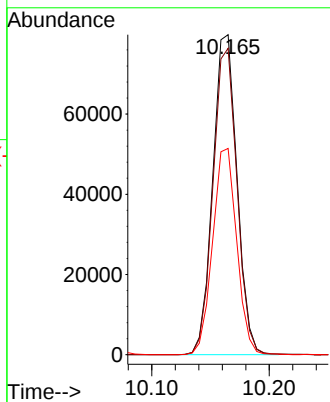
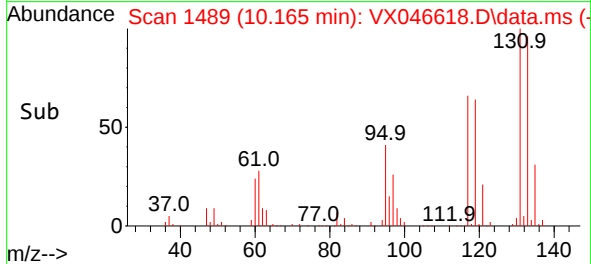
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:131 Resp: 114449
Ion Ratio Lower Upper
131 100
133 95.0 0.0 190.6
119 64.0 0.0 131.2

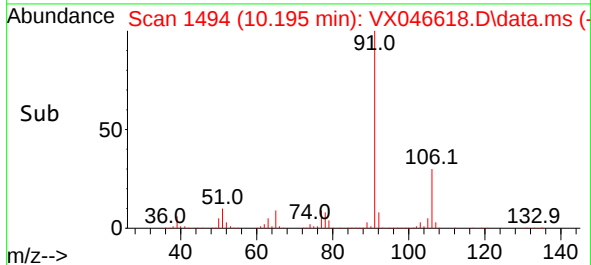
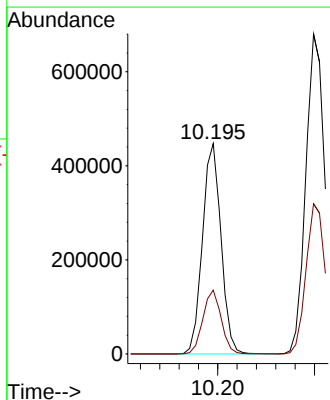
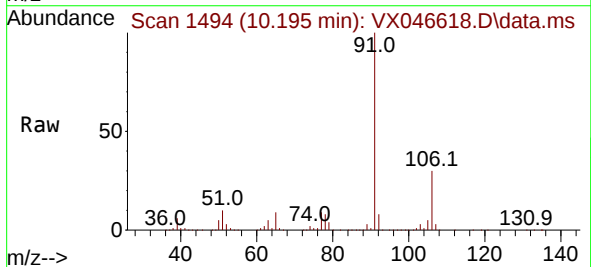
Manual Integrations
APPROVED

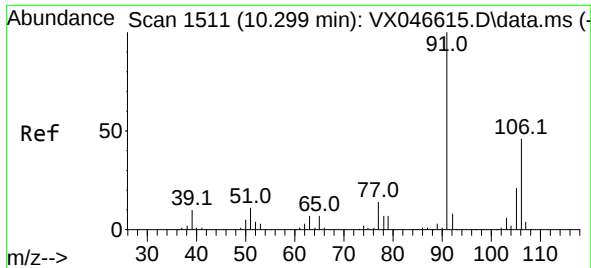
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#66
Ethyl Benzene
Concen: 118.718 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion: 91 Resp: 597149
Ion Ratio Lower Upper
91 100
106 30.4 23.9 35.9





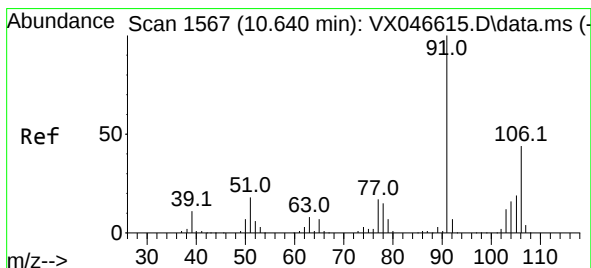
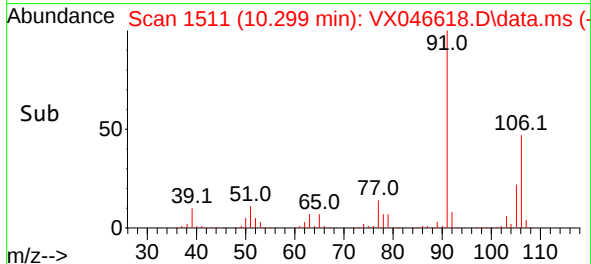
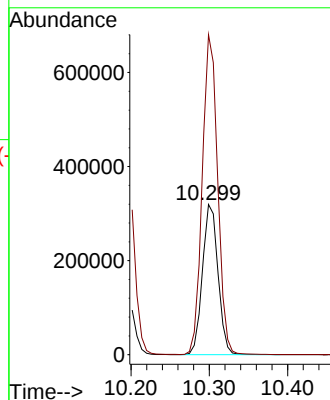
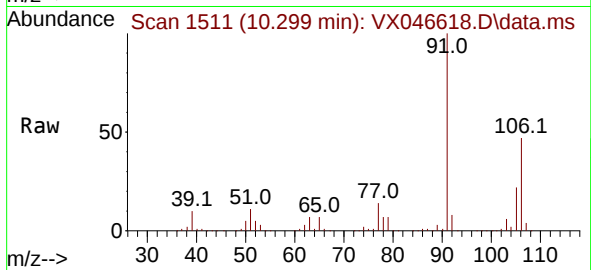
#67
m/p-Xylenes
Concen: 236.574 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 43986
Ion Ratio Lower Upper
106 100
91 211.2 171.5 257.3

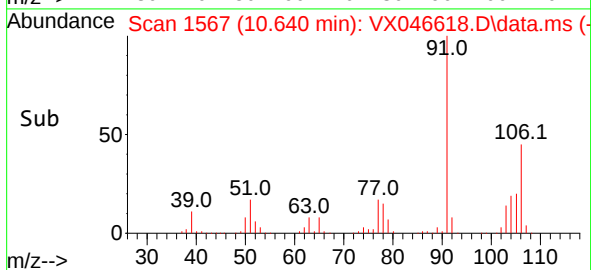
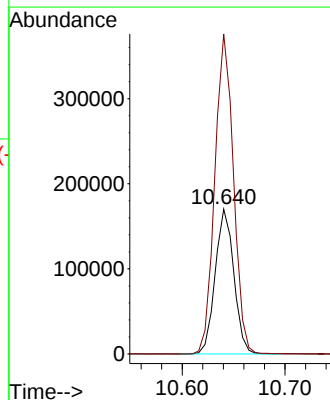
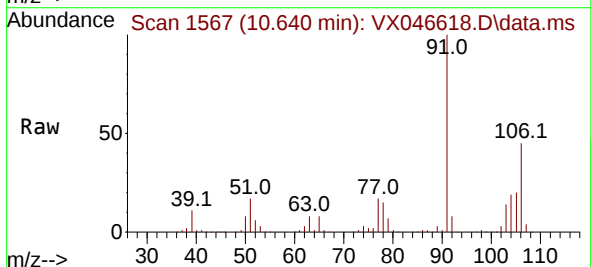
Manual Integrations
APPROVED

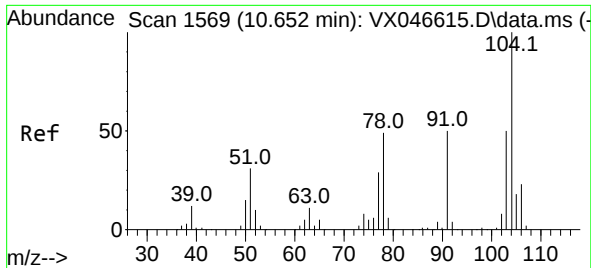
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#68
o-Xylene
Concen: 117.814 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion:106 Resp: 214100
Ion Ratio Lower Upper
106 100
91 221.0 112.3 336.9





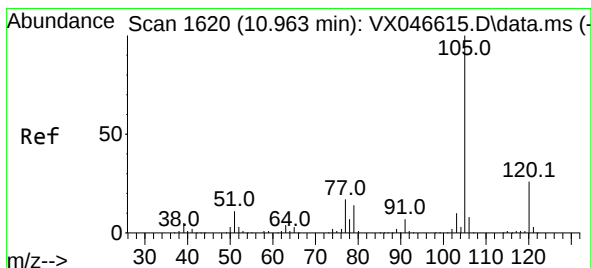
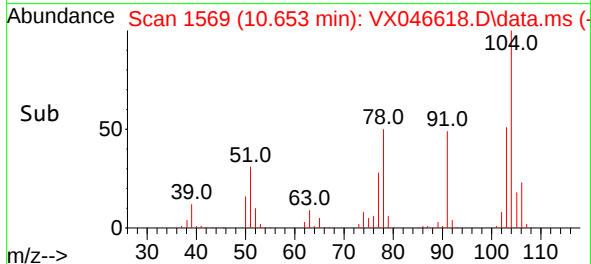
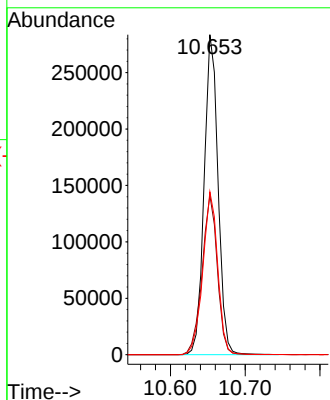
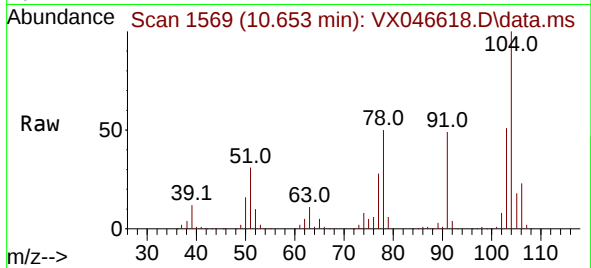
#69
Styrene
Concen: 119.483 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:104 Resp: 366379
Ion Ratio Lower Upper
104 100
78 54.6 43.1 64.7
103 54.7 42.9 64.3

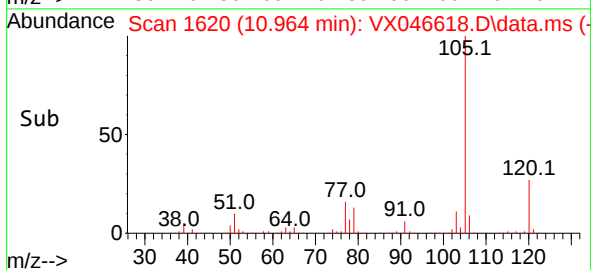
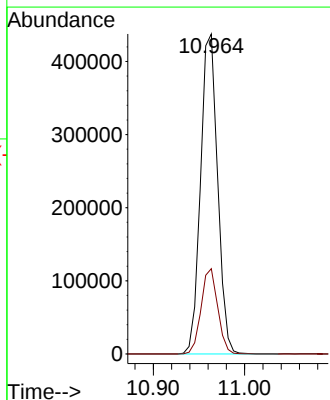
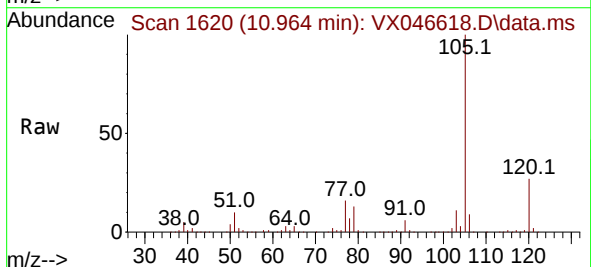
Manual Integrations
APPROVED

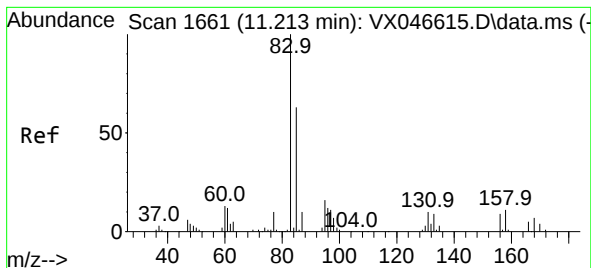
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#70
Isopropylbenzene
Concen: 119.707 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion:105 Resp: 566056
Ion Ratio Lower Upper
105 100
120 25.9 18.1 33.5





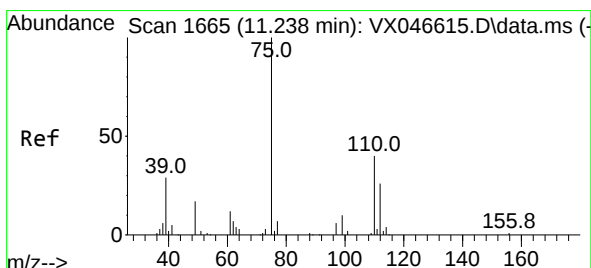
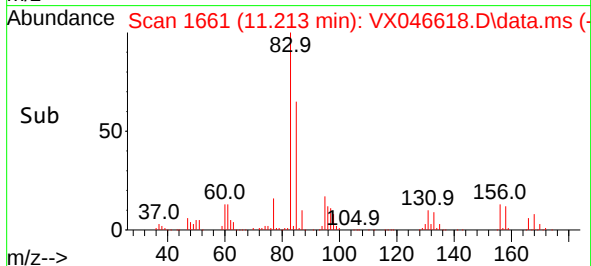
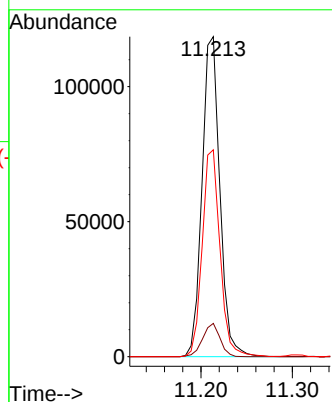
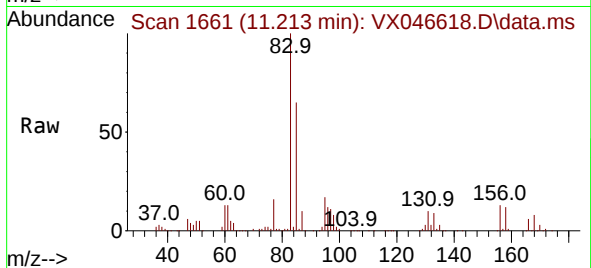
#71
1,1,2,2-Tetrachloroethane
Concen: 104.414 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 16011
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 64.6 31.5 94.5

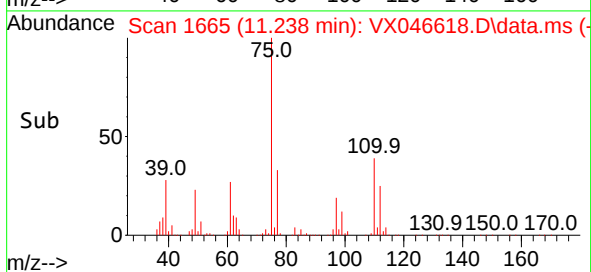
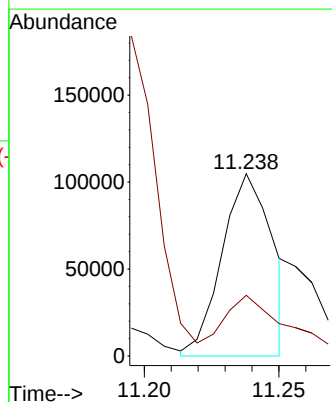
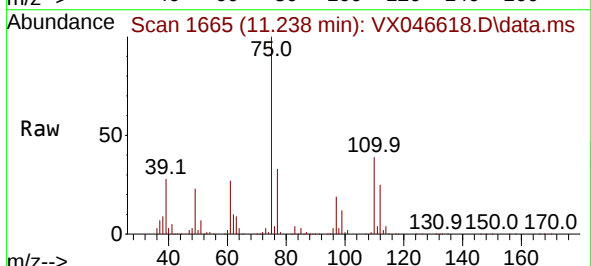
Manual Integrations
APPROVED

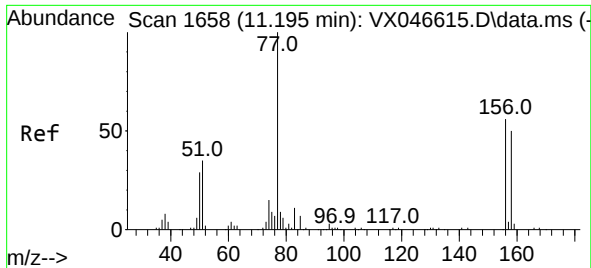
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#72
1,2,3-Trichloropropane
Concen: 107.666 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

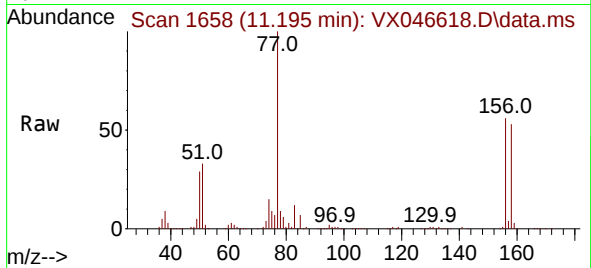
Tgt Ion: 75 Resp: 136200
Ion Ratio Lower Upper
75 100
77 42.4 0.0 82.6





#73
Bromobenzene
Concen: 120.771 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

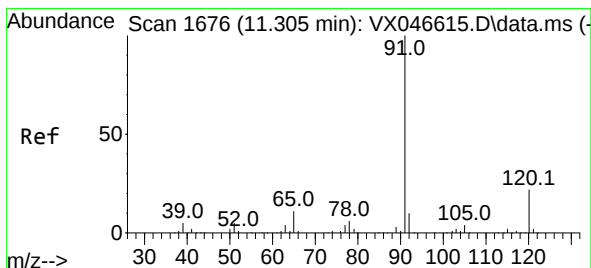
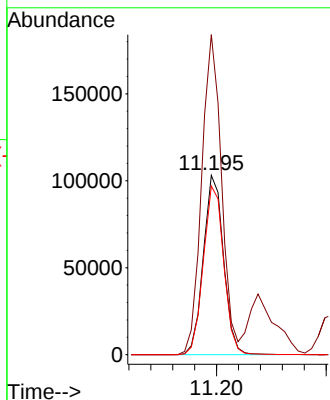
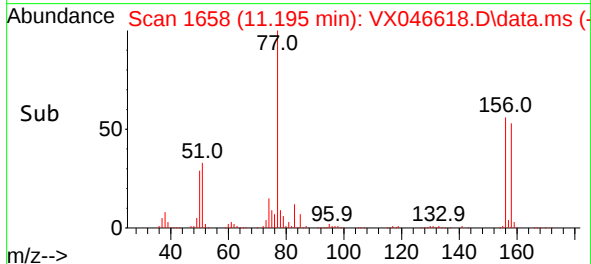
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



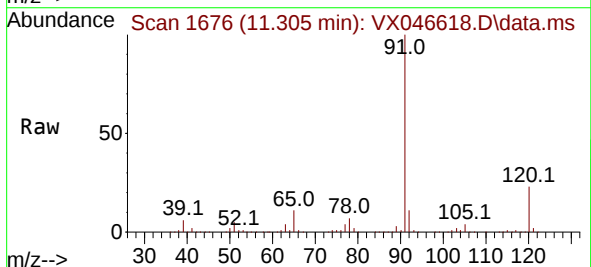
Tgt Ion:156 Resp: 13179
Ion Ratio Lower Upper
156 100
77 175.2 0.0 358.6
158 95.0 0.0 192.0

Manual Integrations
APPROVED

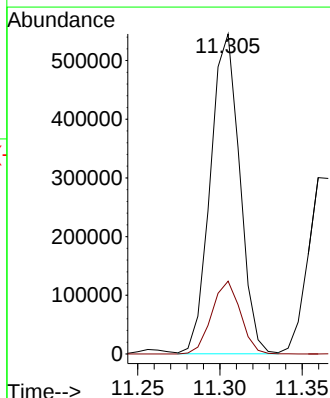
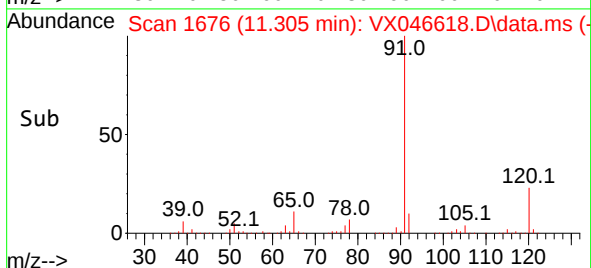
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

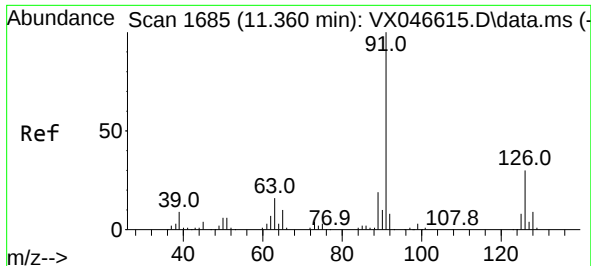


#74
n-propylbenzene
Concen: 119.463 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44



Tgt Ion: 91 Resp: 676405
Ion Ratio Lower Upper
91 100
120 22.2 0.0 43.8





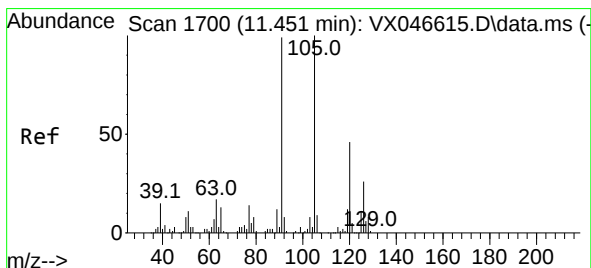
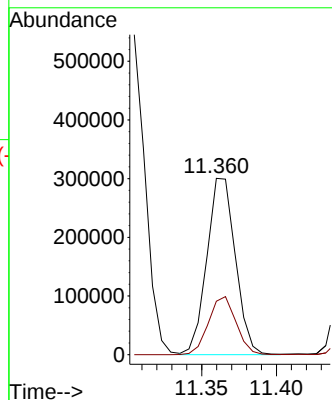
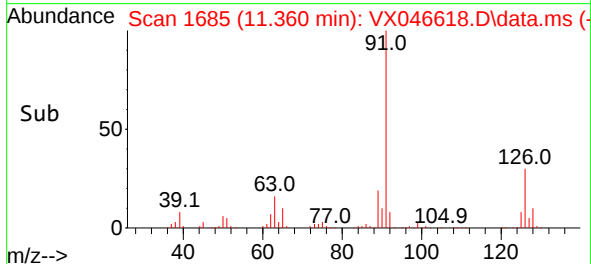
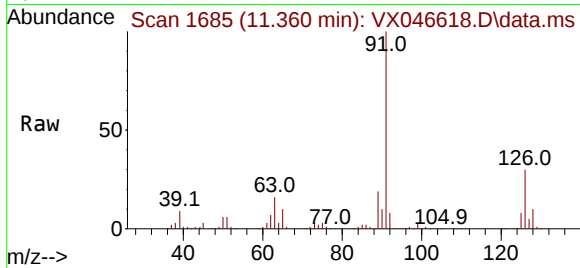
#75
2-Chlorotoluene
Concen: 117.375 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 91 Resp: 399989
Ion Ratio Lower Upper
91 100
126 31.7 0.0 63.0

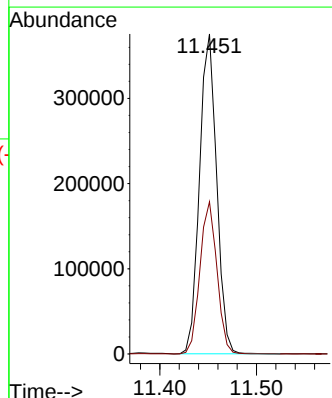
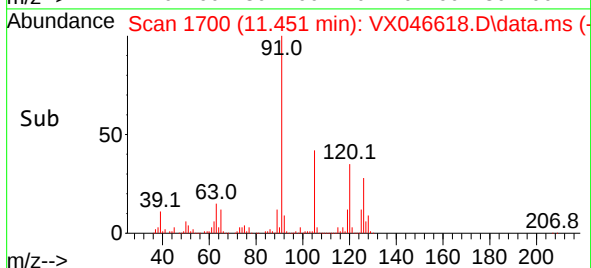
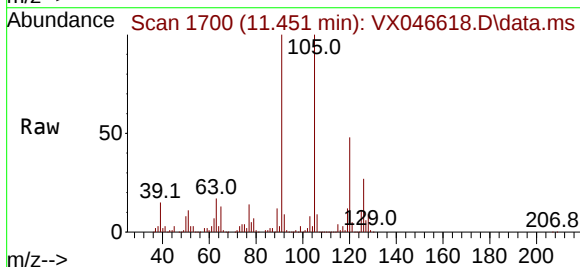
Manual Integrations
APPROVED

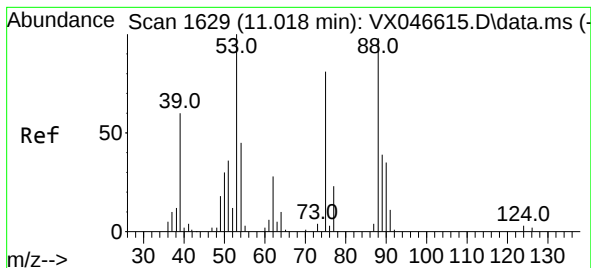
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#76
1,3,5-Trimethylbenzene
Concen: 118.435 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion:105 Resp: 463327
Ion Ratio Lower Upper
105 100
120 47.3 0.0 92.8





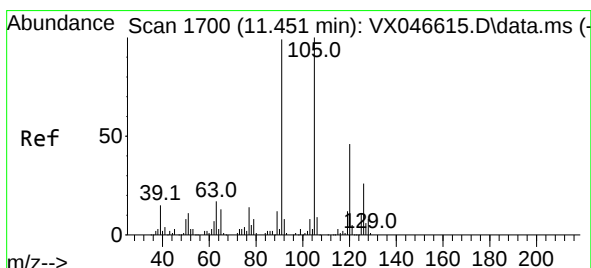
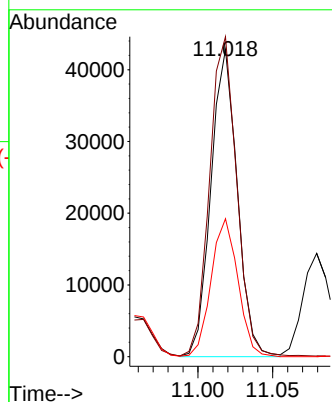
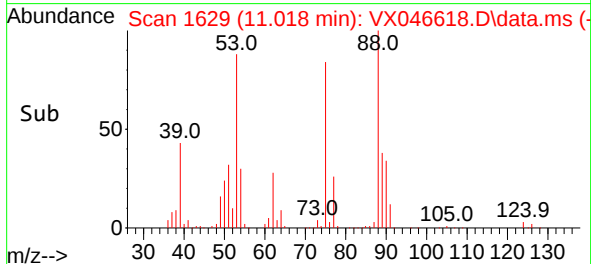
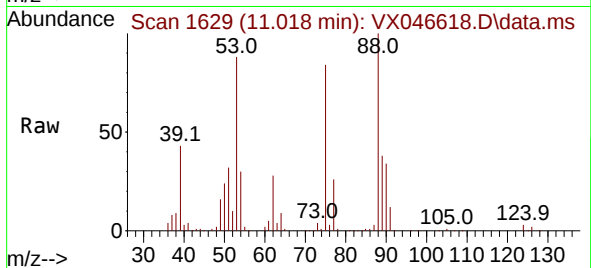
#77
t-1,4-Dichloro-2-butene
Concen: 122.099 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 52534
Ion Ratio Lower Upper
75 100
53 104.2 61.9 185.7
89 45.0 24.0 72.0

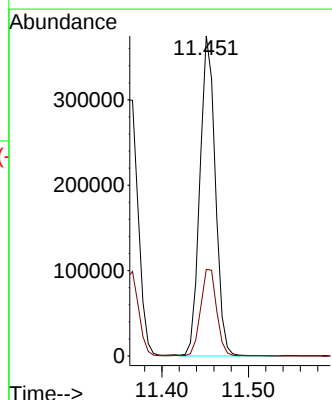
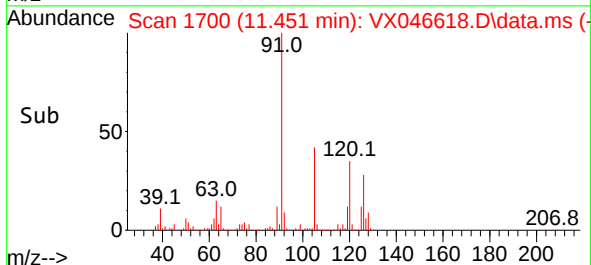
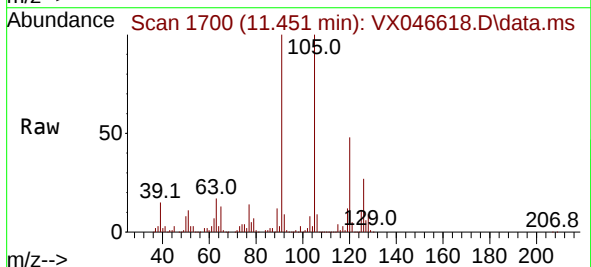
Manual Integrations
APPROVED

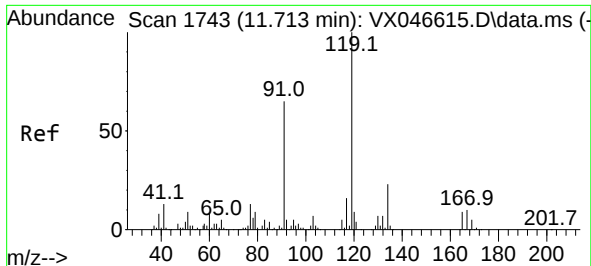
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#78
4-Chlorotoluene
Concen: 120.673 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion: 91 Resp: 463836
Ion Ratio Lower Upper
91 100
126 28.1 0.0 55.0





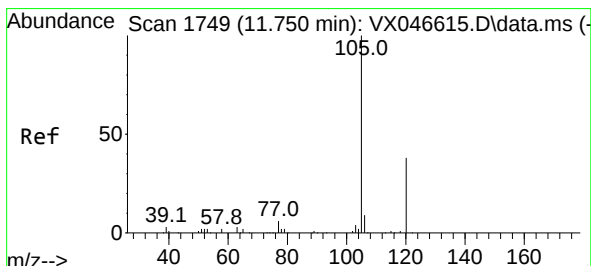
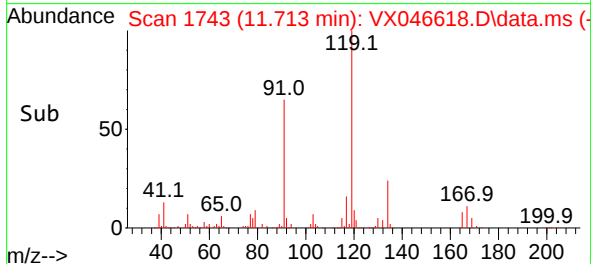
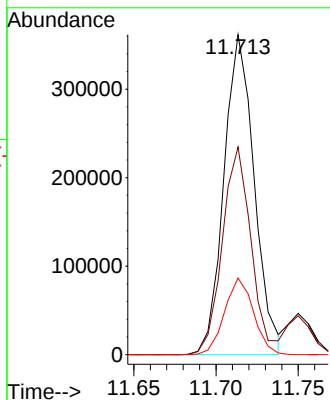
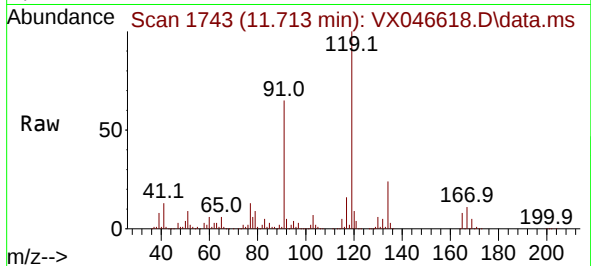
#79
tert-butylbenzene
Concen: 118.339 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:119 Resp: 465227
Ion Ratio Lower Upper
119 100
91 61.6 0.0 126.0
134 22.8 0.0 45.6

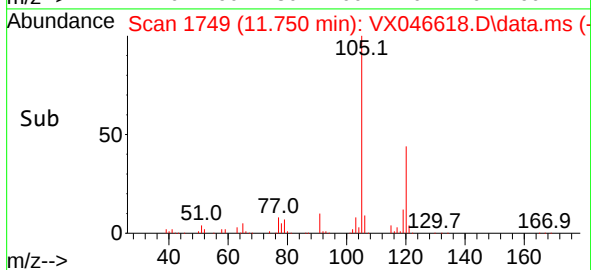
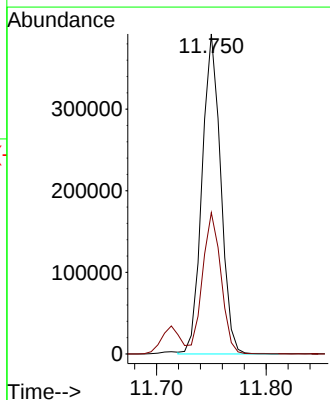
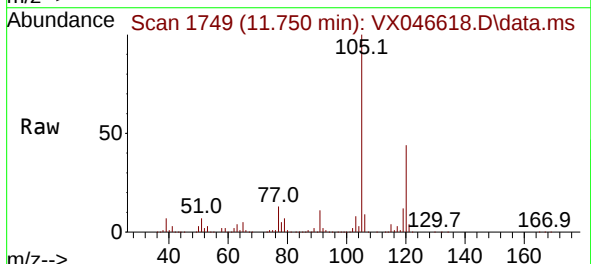
Manual Integrations
APPROVED

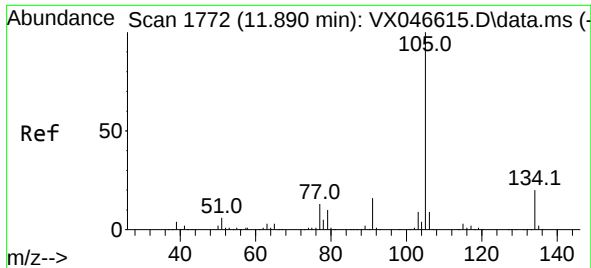
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#80
1,2,4-Trimethylbenzene
Concen: 118.414 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

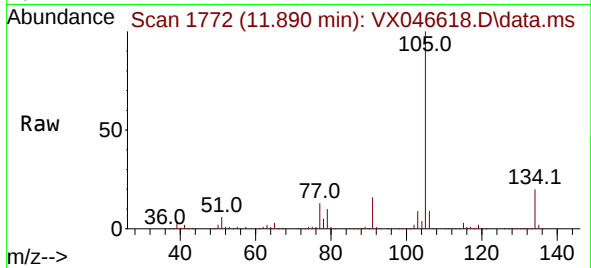
Tgt Ion:105 Resp: 462422
Ion Ratio Lower Upper
105 100
120 44.1 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 120.205 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046618.D
 Acq: 10 Jun 2025 21:44

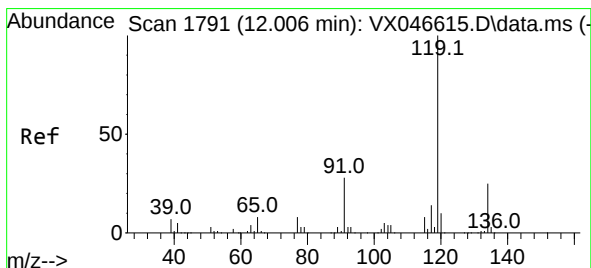
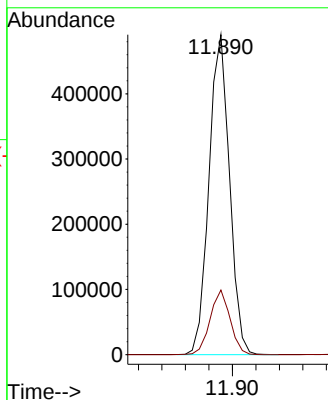
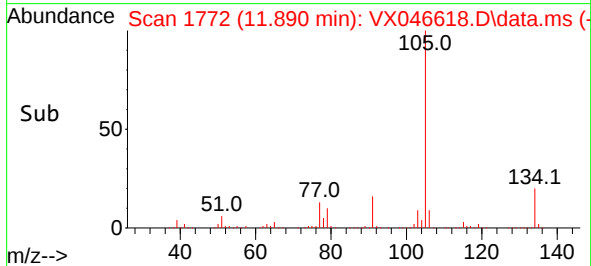
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



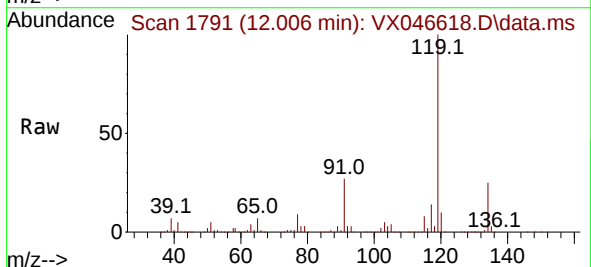
Tgt Ion:105 Resp: 596540
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.4

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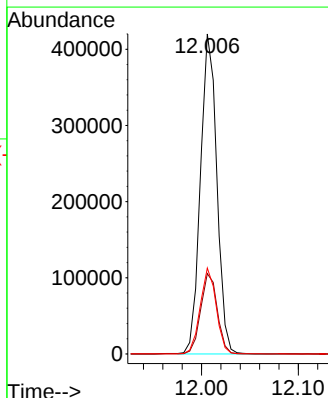
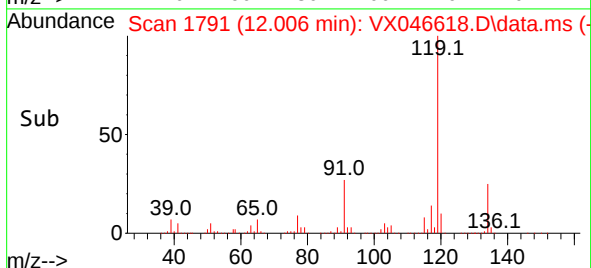
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025

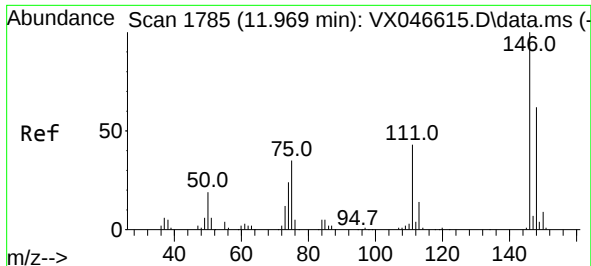


#82
 p-Isopropyltoluene
 Concen: 122.693 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046618.D
 Acq: 10 Jun 2025 21:44



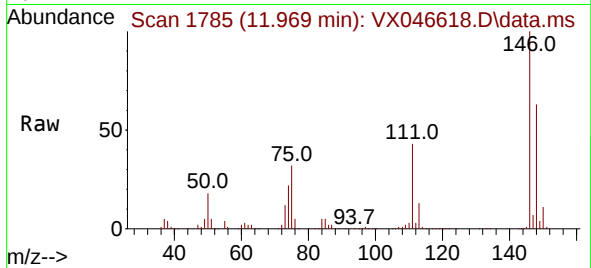
Tgt Ion:119 Resp: 495558
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 50.0
 91 26.0 0.0 54.0





#83
1,3-Dichlorobenzene
Concen: 119.223 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

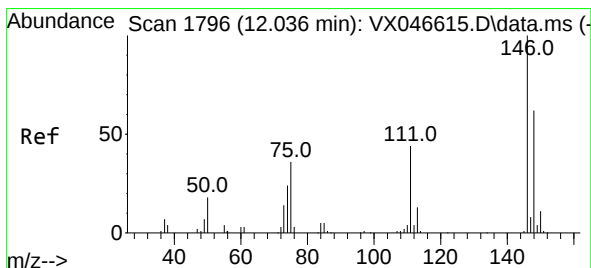
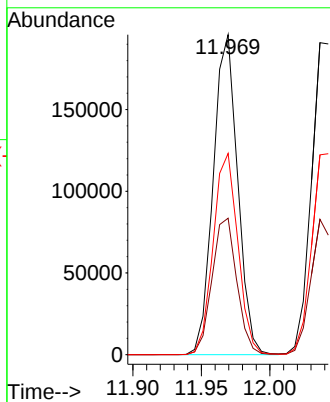
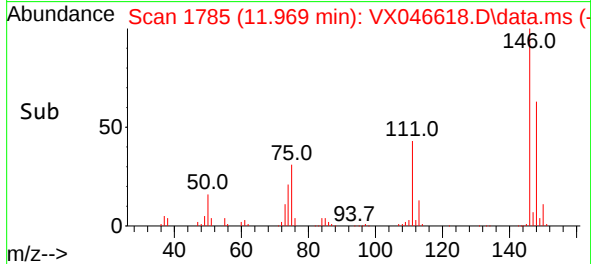
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



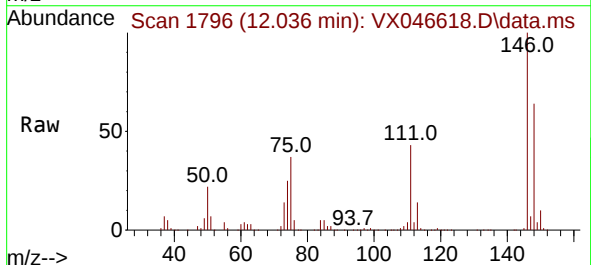
Tgt Ion:146 Resp: 242658
Ion Ratio Lower Upper
146 100
111 43.5 21.9 65.8
148 63.4 32.0 96.2

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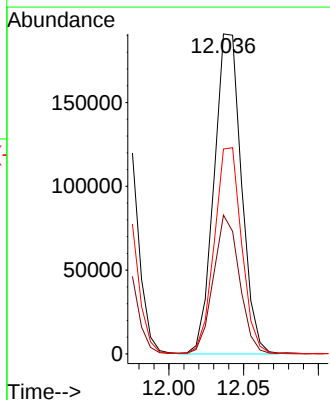
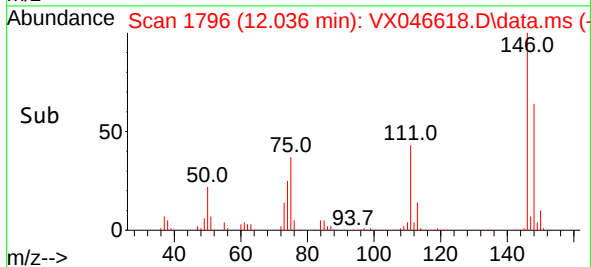
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

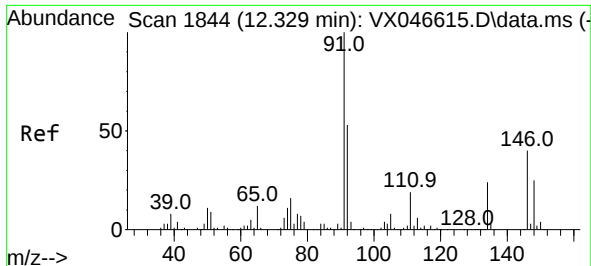


#84
1,4-Dichlorobenzene
Concen: 120.762 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44



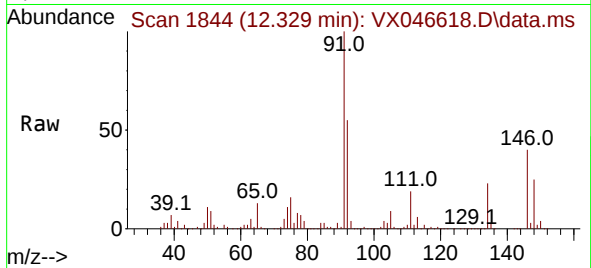
Tgt Ion:146 Resp: 244059
Ion Ratio Lower Upper
146 100
111 41.3 21.3 63.7
148 64.1 31.4 94.3





#85
n-Butylbenzene
Concen: 127.471 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

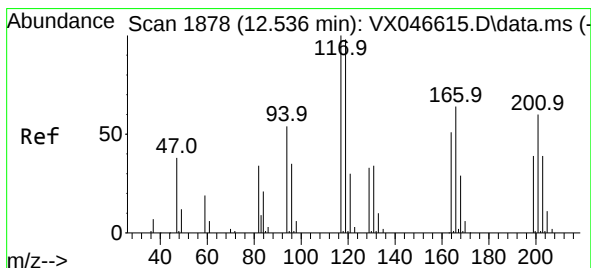
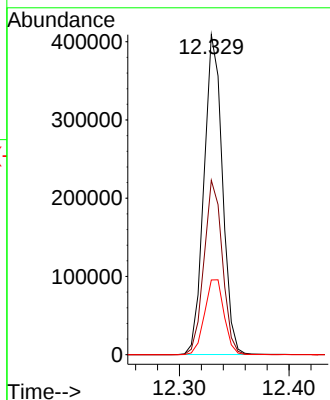
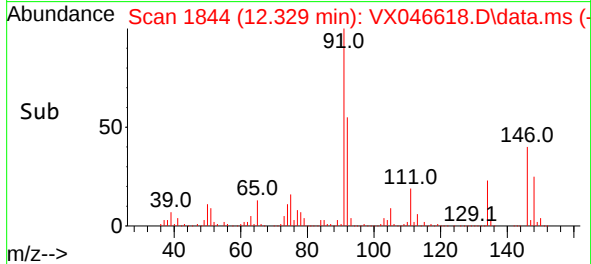
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 478218
Ion Ratio Lower Upper
91 100
92 54.3 0.0 106.4
134 24.8 0.0 48.8

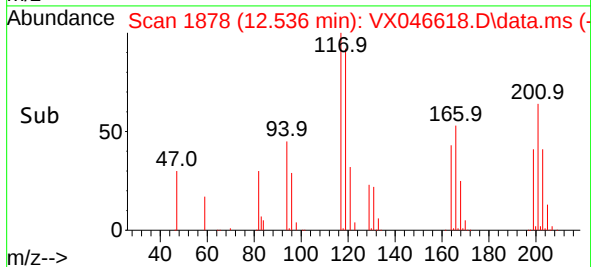
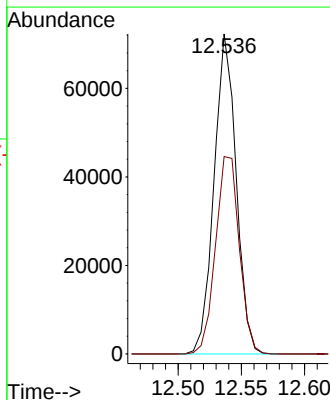
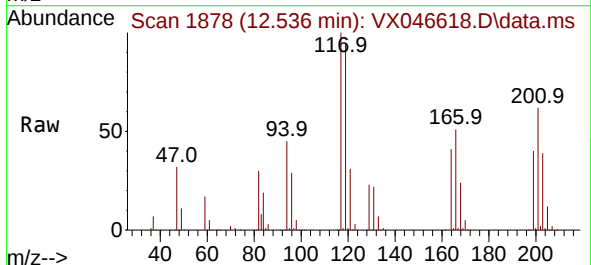
Manual Integrations
APPROVED

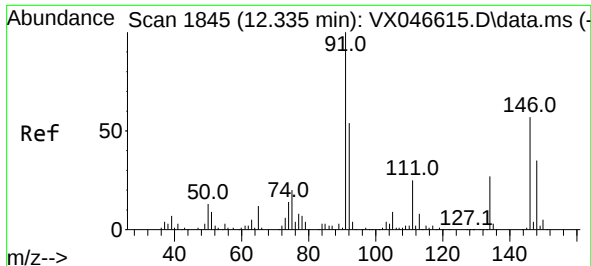
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#86
Hexachloroethane
Concen: 122.587 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

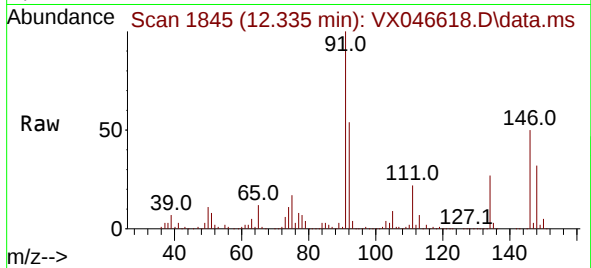
Tgt Ion:117 Resp: 87631
Ion Ratio Lower Upper
117 100
201 66.7 31.7 95.1





#87
1,2-Dichlorobenzene
Concen: 115.987 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

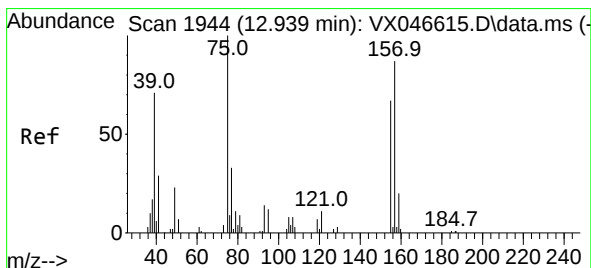
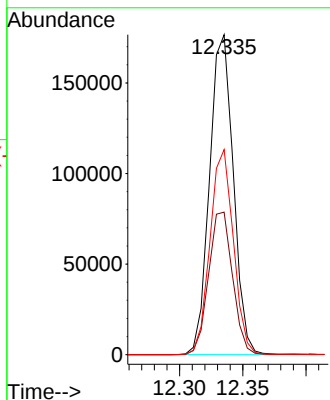
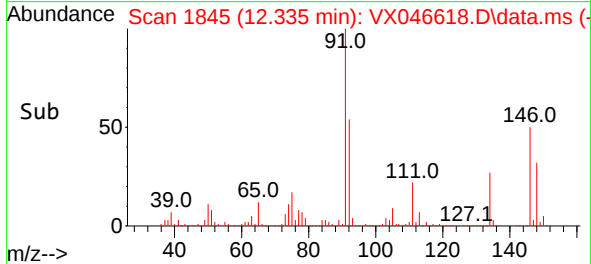
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



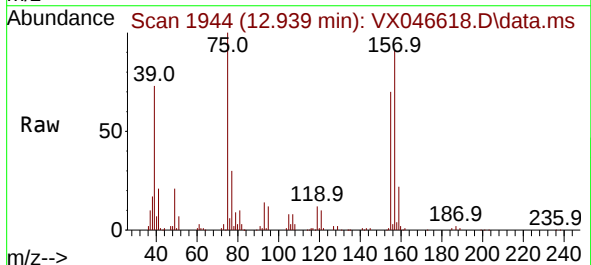
Tgt Ion:146 Resp: 23050
Ion Ratio Lower Upper
146 100
111 45.2 22.9 68.5
148 63.1 31.6 94.8

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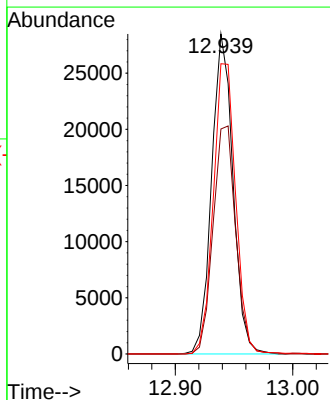
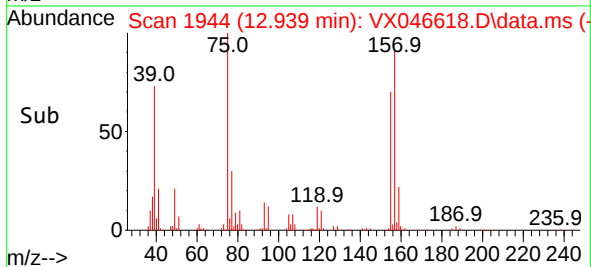
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

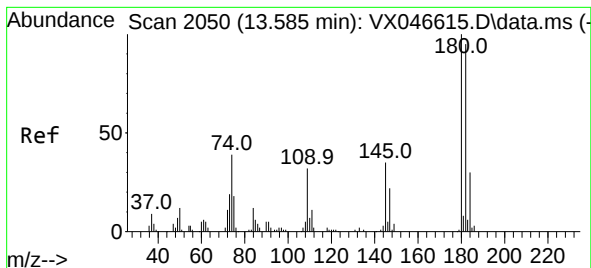


#88
1,2-Dibromo-3-Chloropropane
Concen: 118.880 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44



Tgt Ion: 75 Resp: 35888
Ion Ratio Lower Upper
75 100
155 76.1 59.4 89.2
157 95.3 75.0 112.6





#89

1,2,4-Trichlorobenzene

Concen: 130.735 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX046618.D

Acq: 10 Jun 2025 21:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 16156

Ion Ratio Lower Upper

180 100

182 93.6 75.0 112.6

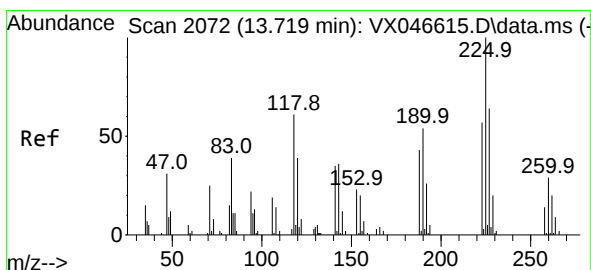
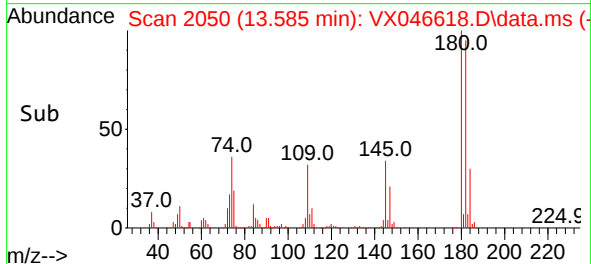
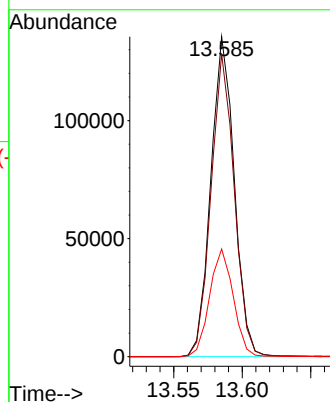
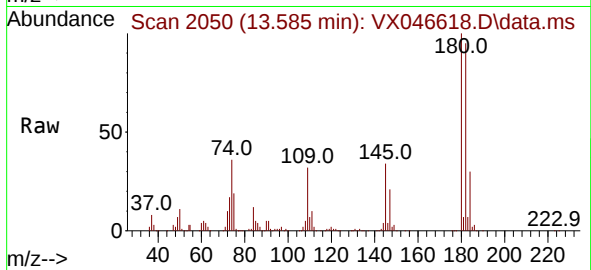
145 33.9 27.4 41.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#90

Hexachlorobutadiene

Concen: 137.656 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX046618.D

Acq: 10 Jun 2025 21:44

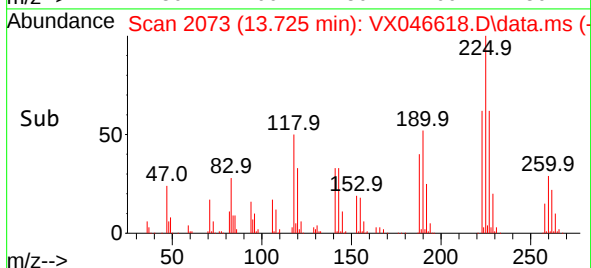
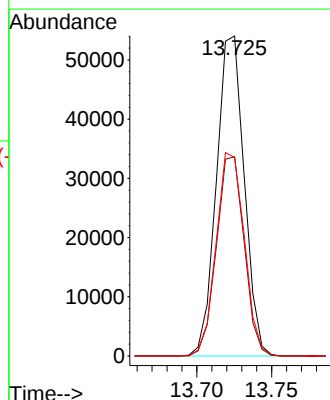
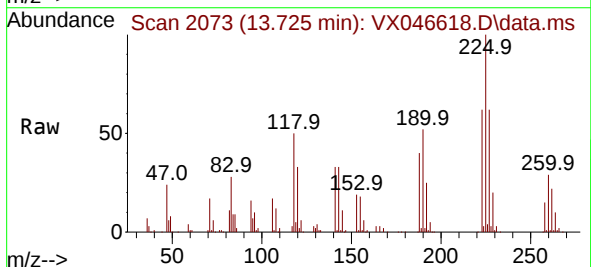
Tgt Ion:225 Resp: 69903

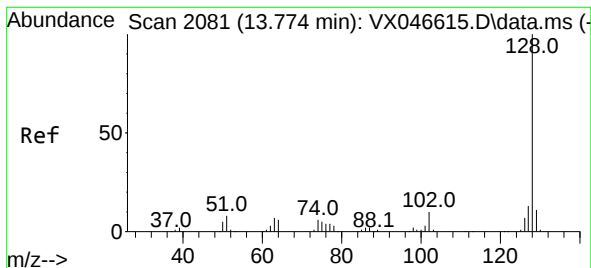
Ion Ratio Lower Upper

225 100

223 62.0 0.0 126.4

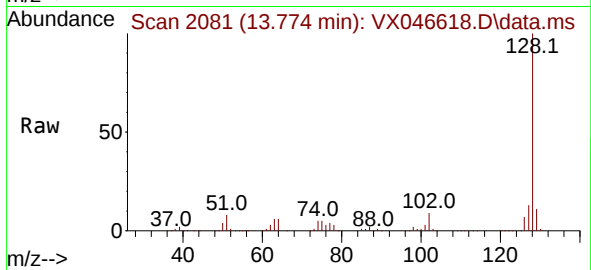
227 64.4 0.0 131.4





#91
Naphthalene
Concen: 122.873 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

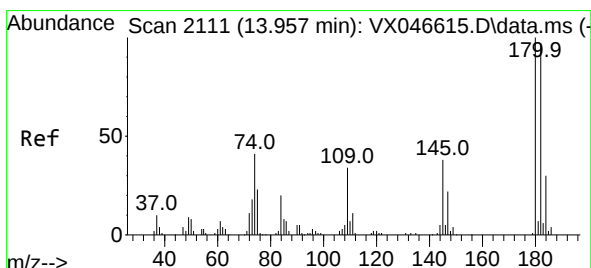
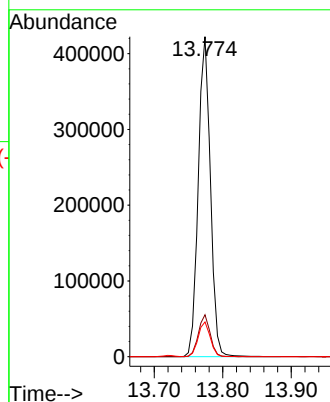
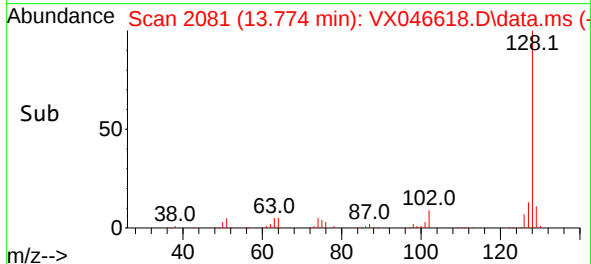
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:128 Resp: 52101
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.9 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: 124.892 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046618.D
Acq: 10 Jun 2025 21:44

Tgt Ion:180 Resp: 156655
Ion Ratio Lower Upper
180 100
182 95.9 0.0 190.2
145 36.3 0.0 71.8

