

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046617.D
 Acq On : 10 Jun 2025 21:22
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 11 05:59:07 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	4.910	128	18480	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	101087	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	90301	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	46278	26.584	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	88.600%#		
60) 4-Bromofluorobenzene	11.079	95	44924	27.136	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	90.467%		
63) Toluene-d8	8.653	98	121203	25.219	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	84.067%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	126953	84.439	ug/l	97
3) Chloromethane	1.307	50	127847	72.676	ug/l	97
4) Vinyl Chloride	1.386	62	125947	73.958	ug/l	98
5) Bromomethane	1.618	94	67188	101.096	ug/l	98
6) Chloroethane	1.697	64	71567	78.929	ug/l	98
7) Trichlorofluoromethane	1.904	101	182315	78.301	ug/l	100
8) Diethyl Ether	2.148	74	63050	72.732	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	118050	83.957	ug/l	99
10) 1,1-Dichloroethene	2.337	96	117733	86.139	ug/l	98
11) Methyl Iodide	2.465	142	162711	99.752	ug/l	99
12) Methyl Acetate	2.715	43	134440	78.621	ug/l	99
13) Acrolein	2.252	56	80516	273.923	ug/l	99
14) Acrylonitrile	3.075	53	303346	397.435	ug/l	100
15) Acetone	2.386	58	71106	351.507	ug/l	95
16) Carbon Disulfide	2.526	76	330142	84.972	ug/l	99
17) Allyl chloride	2.678	41	214540	83.951	ug/l	96
18) Methylene Chloride	2.800	84	124706	81.549	ug/l	96
19) trans-1,2-Dichloroethene	3.105	96	119413	86.099	ug/l	99
20) Diisopropyl ether	3.770	45	406048	83.005	ug/l	90
21) 1,1-Dichloroethane	3.623	63	227553	83.430	ug/l	98
22) cis-1,2-Dichloroethene	4.501	96	139255	83.913	ug/l	97
23) tert-Butyl Alcohol	2.965	59	64891	261.163	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	368205	83.260	ug/l	98
25) Chloroform	5.105	83	233034	87.654	ug/l	95
26) Cyclohexane	5.483	56	209782	83.567	ug/l #	100
29) 1,1-Dichloropropene	5.702	75	163173	88.439	ug/l	98
30) 2-Butanone	4.562	43	375531	369.450	ug/l	99
31) 2,2-Dichloropropane	4.489	77	148694	74.259	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	206409	92.045	ug/l	98
33) Carbon Tetrachloride	5.690	117	182507	95.711	ug/l	99
34) Benzene	6.050	78	476940	83.690	ug/l	100
35) Methacrylonitrile	4.928	41	93603	84.745	ug/l	97
36) 1,2-Dichloroethane	6.092	62	180713	90.478	ug/l	99
37) Trichloroethene	7.129	130	118601	88.401	ug/l	90
38) Methylcyclohexane	7.385	83	210185	85.889	ug/l	96
39) 1,2-Dichloropropane	7.434	63	118552	83.951	ug/l	91
40) Dibromomethane	7.586	93	87518	85.415	ug/l	99
41) Bromodichloromethane	7.824	83	184639	89.807	ug/l #	97
42) Vinyl Acetate	3.733	43	1716533	434.505	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	161006m	82.655	ug/l	
44) Isopropyl Acetate	6.348	43	265905	83.629	ug/l	99
45) 1,4-Dioxane	7.659	88	30924	1008.598	ug/l #	90
46) Methyl methacrylate	7.696	41	139613	87.615	ug/l	97
47) n-amyl Acetate	10.841	43	231600	85.267	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	174247	89.095	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	190854	86.882	ug/l	99
50) 1,1,2-Trichloroethane	9.153	97	109109	82.533	ug/l	96
51) Ethyl methacrylate	9.116	69	180726	86.556	ug/l	96
52) 1,3-Dichloropropane	9.311	76	191705	82.538	ug/l	98
53) Dibromochloromethane	9.519	129	134118	90.555	ug/l	99
54) 1,2-Dibromoethane	9.610	107	116714	86.355	ug/l	100
55) 2-Chloroethyl vinyl ether	8.244	63	498407	462.783	ug/l	99
56) Bromoform	10.799	173	83888	89.774	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	782773	399.516	ug/l	99
59) 2-Hexanone	9.427	43	549776	389.020	ug/l	98
61) Tetrachloroethene	9.275	164	93766	85.997	ug/l	98
62) Toluene	8.720	91	506147	86.377	ug/l	100
64) Chlorobenzene	10.079	112	321168	88.290	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.165	131	110074	91.070	ug/l	99
66) Ethyl Benzene	10.195	91	577722	89.331	ug/l	99
67) m/p-Xylenes	10.299	106	423852	177.301	ug/l	98
68) o-Xylene	10.640	106	203409	87.056	ug/l	99
69) Styrene	10.652	104	351137	89.064	ug/l	99
70) Isopropylbenzene	10.963	105	540361	88.877	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.213	83	154296	78.260	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	130638m	80.319	ug/l	
73) Bromobenzene	11.195	156	126288	90.009	ug/l	98
74) n-propylbenzene	11.305	91	651781	89.532	ug/l	100
75) 2-Chlorotoluene	11.366	91	384866	87.839	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	448179	89.103	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	49424	89.342	ug/l	88
78) 4-Chlorotoluene	11.451	91	443031	89.645	ug/l	99
79) tert-butylbenzene	11.713	119	452187	89.460	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	446143	88.856	ug/l	99
81) sec-Butylbenzene	11.890	105	569918	89.319	ug/l	100
82) p-Isopropyltoluene	12.006	119	470629	90.626	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	231179	88.341	ug/l	100
84) 1,4-Dichlorobenzene	12.036	146	230534	88.720	ug/l	98
85) n-Butylbenzene	12.329	91	451055	93.511	ug/l	98
86) Hexachloroethane	12.536	117	85307	92.816	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	222638	87.133	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	34992	90.153	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	155404	97.801	ug/l	98
90) Hexachlorobutadiene	13.725	225	64850	99.325	ug/l	97
91) Naphthalene	13.774	128	496416	91.055	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	151656	94.037	ug/l	100

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

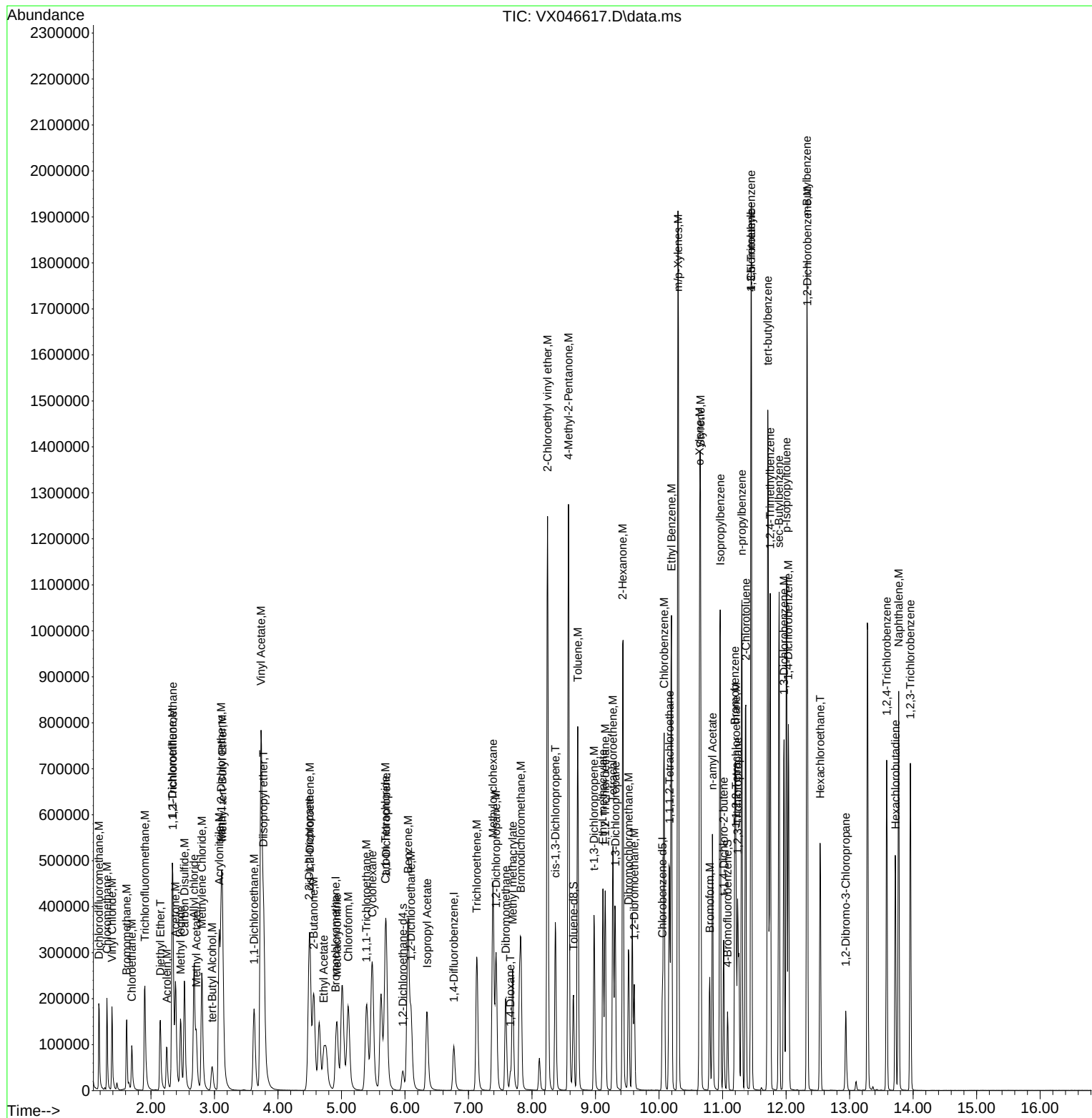
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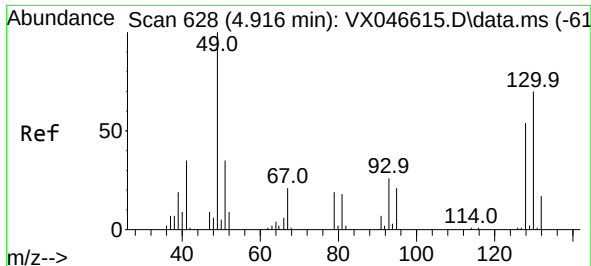
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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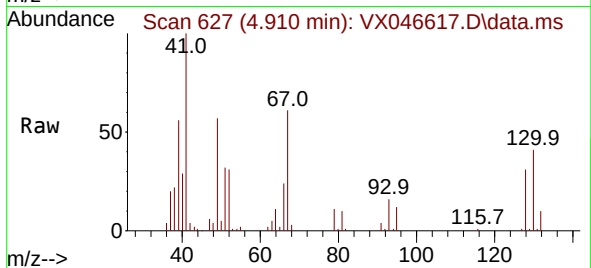
Quant Time: Jun 11 05:59:07 2025
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

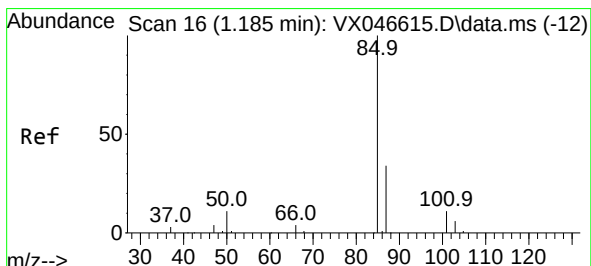
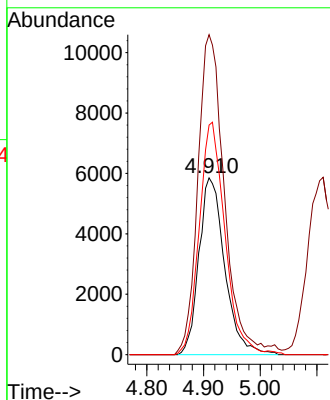
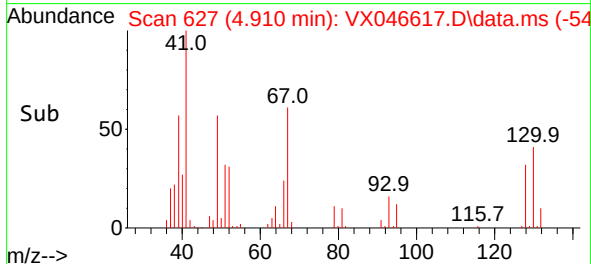
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



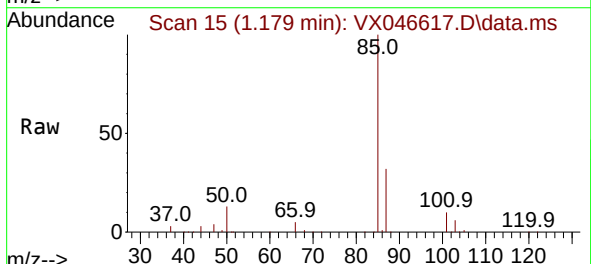
Tgt Ion:128 Resp: 18480
Ion Ratio Lower Upper
128 100
49 184.9 0.0 448.3
130 130.8 0.0 312.0

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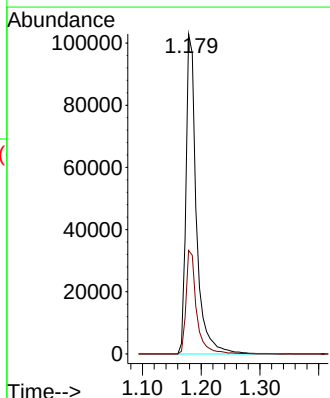
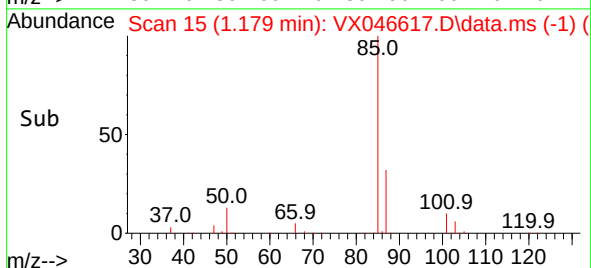
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

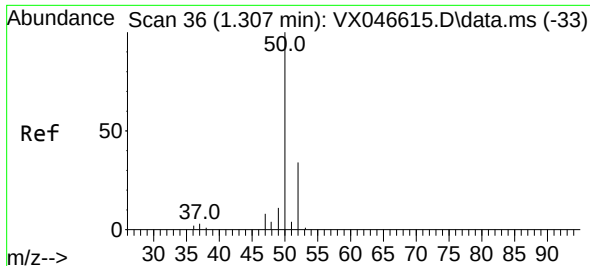


#2
Dichlorodifluoromethane
Concen: 84.439 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22



Tgt Ion: 85 Resp: 126953
Ion Ratio Lower Upper
85 100
87 32.4 17.1 51.3





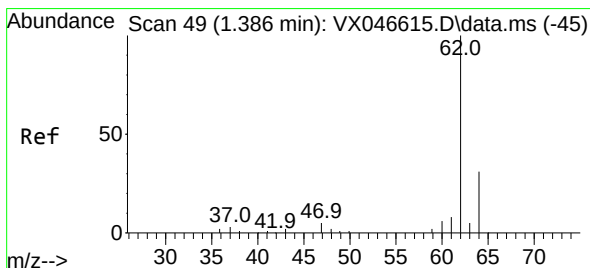
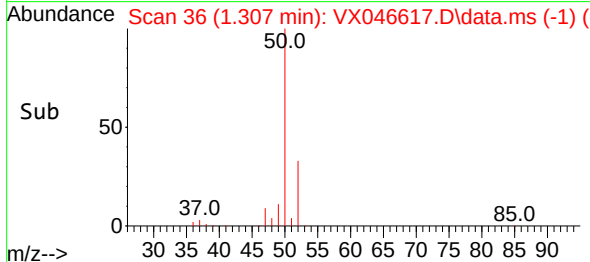
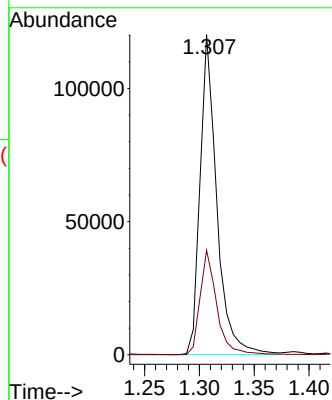
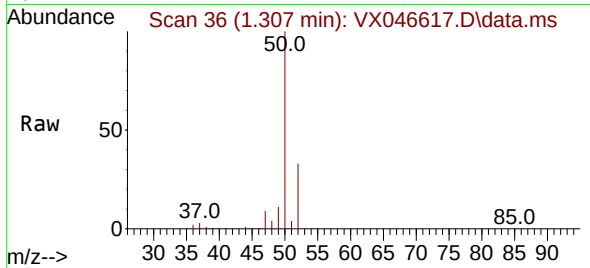
#3
Chloromethane
Concen: 72.676 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 12784
Ion Ratio Lower Upper
50 100
52 32.7 27.4 41.2

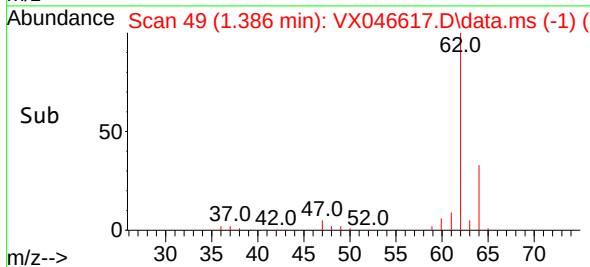
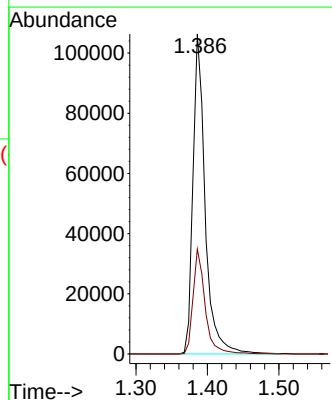
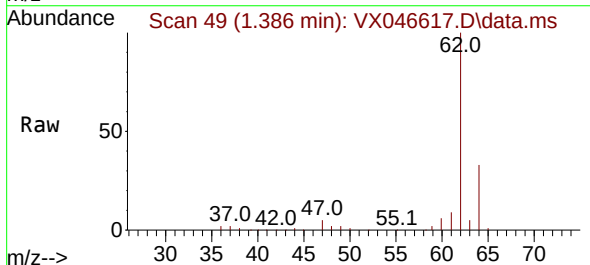
Manual Integrations
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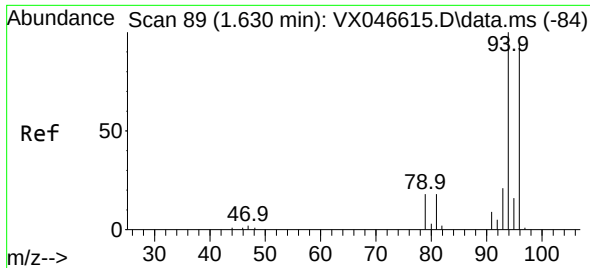
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#4
Vinyl Chloride
Concen: 73.958 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

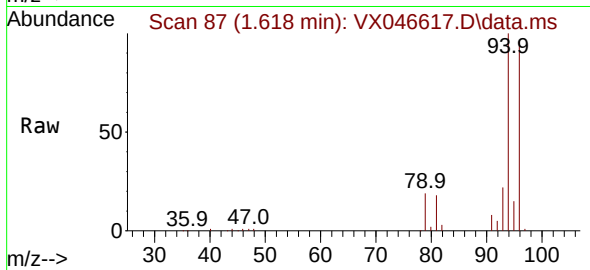
Tgt Ion: 62 Resp: 125947
Ion Ratio Lower Upper
62 100
64 32.8 25.2 37.8





#5
Bromomethane
Concen: 101.096 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.012 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

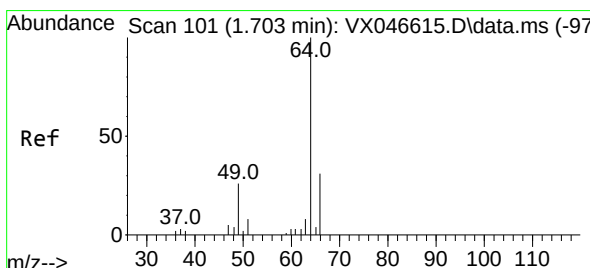
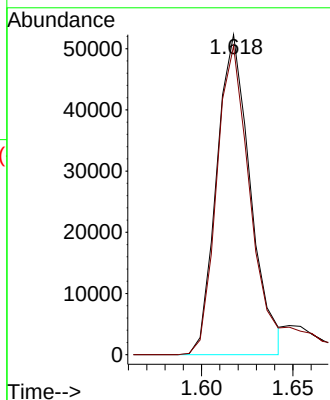
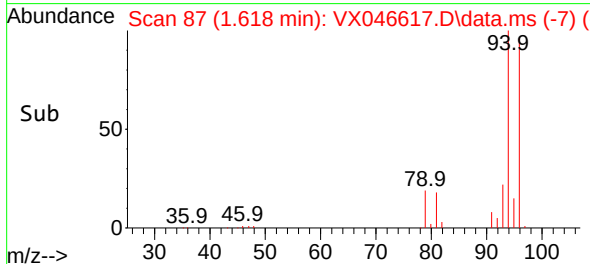
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 94 Resp: 67188
Ion Ratio Lower Upper
94 100
96 96.5 75.5 113.3

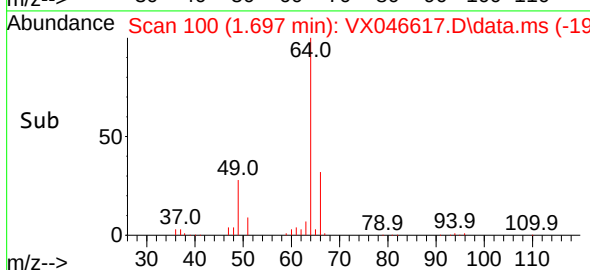
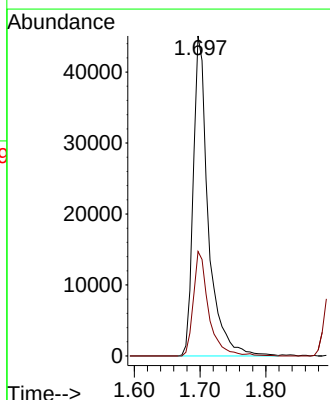
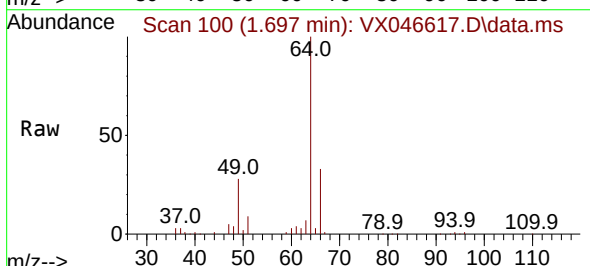
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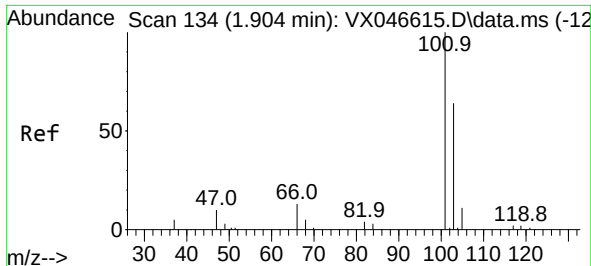
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#6
Chloroethane
Concen: 78.929 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX046617.D
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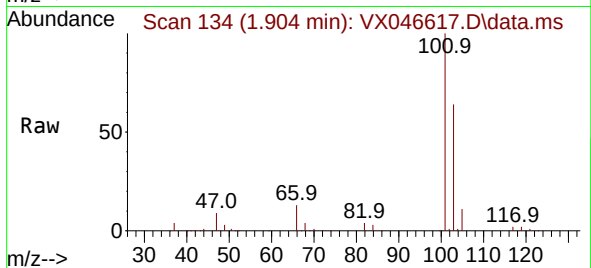
Tgt Ion: 64 Resp: 71567
Ion Ratio Lower Upper
64 100
66 32.7 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 78.301 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046617.D
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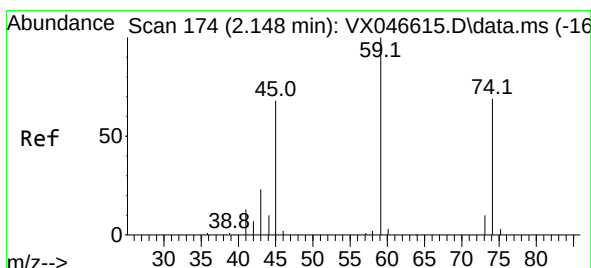
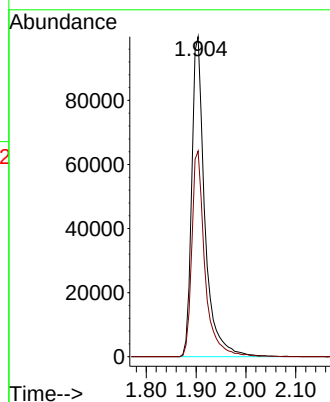
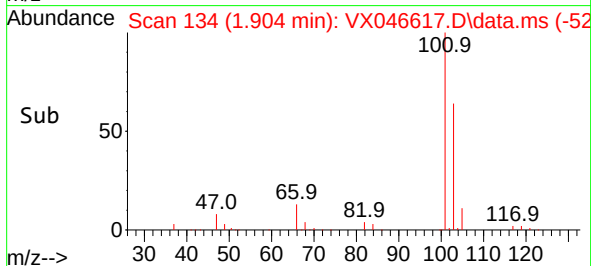
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100



Tgt Ion:101 Resp: 18231
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.5 77.3

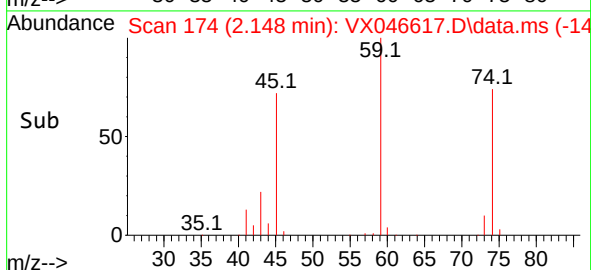
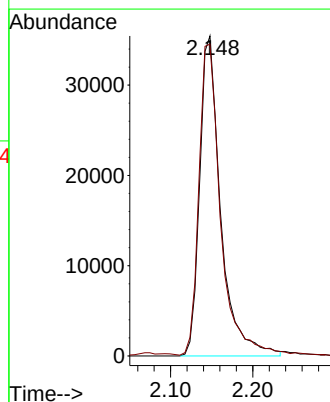
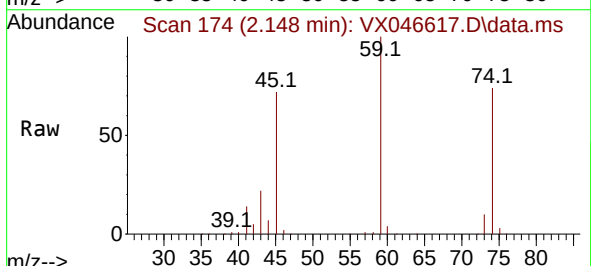
Manual Integrations
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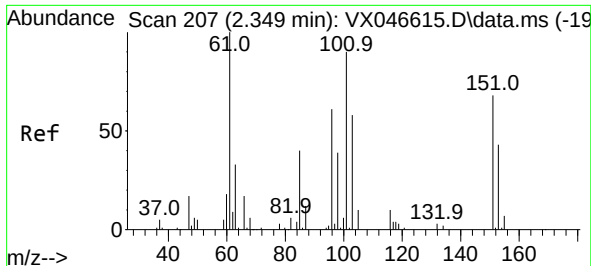
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#8
 Diethyl Ether
 Concen: 72.732 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
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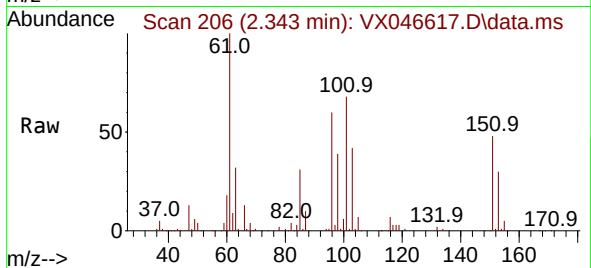
Tgt Ion: 74 Resp: 63050
 Ion Ratio Lower Upper
 74 100
 45 100.3 19.3 174.1





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 83.957 ug/l
 RT: 2.343 min Scan# 206
 Delta R.T. -0.006 min
 Lab File: VX046617.D
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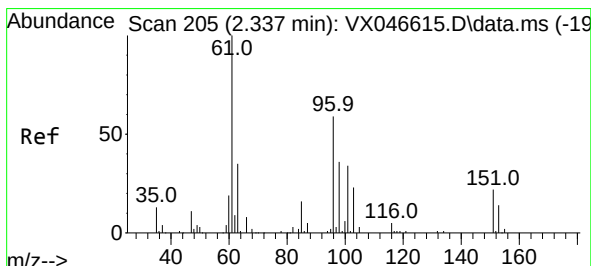
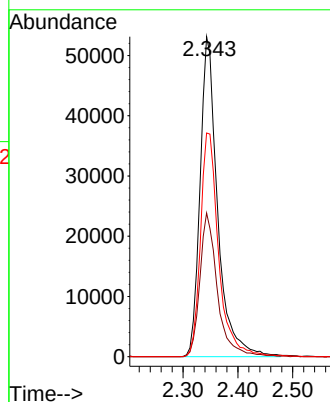
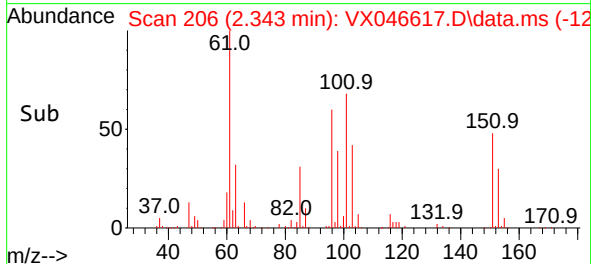
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 ClientSampleId :
 VSTDIC100



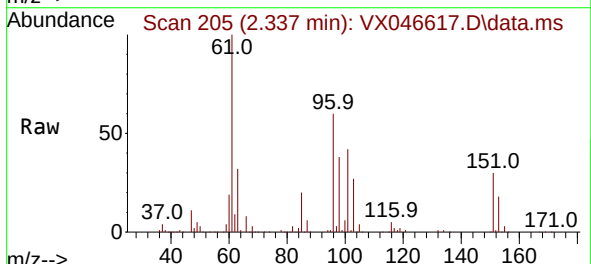
Tgt Ion:101 Resp: 118050
 Ion Ratio Lower Upper
 101 100
 85 44.8 0.0 88.2
 151 72.2 0.0 141.8

Manual Integrations
 APPROVED

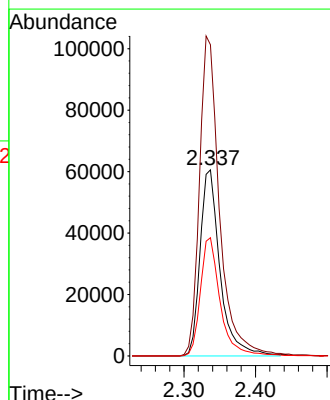
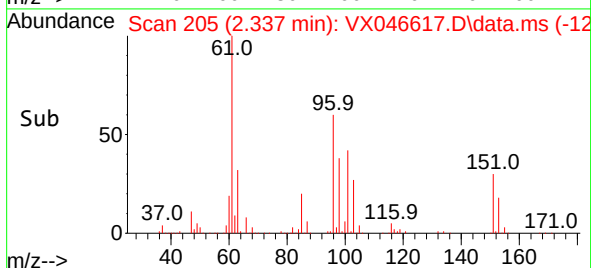
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025

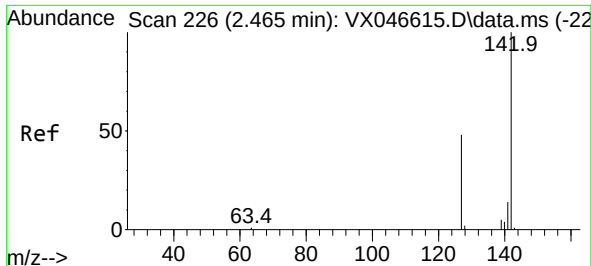


#10
 1,1-Dichloroethene
 Concen: 86.139 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. 0.000 min
 Lab File: VX046617.D
 Acq: 10 Jun 2025 21:22



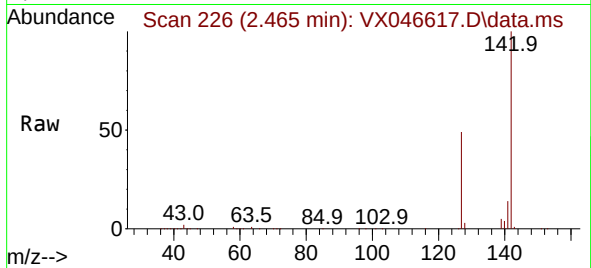
Tgt Ion: 96 Resp: 117733
 Ion Ratio Lower Upper
 96 100
 61 167.2 135.1 202.7
 98 63.5 49.0 73.4





#11
Methyl Iodide
Concen: 99.752 ug/l
RT: 2.465 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

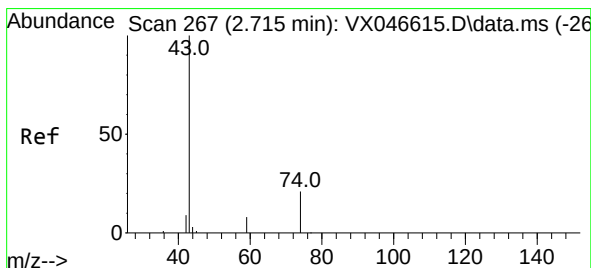
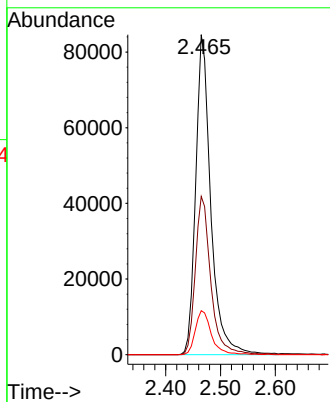
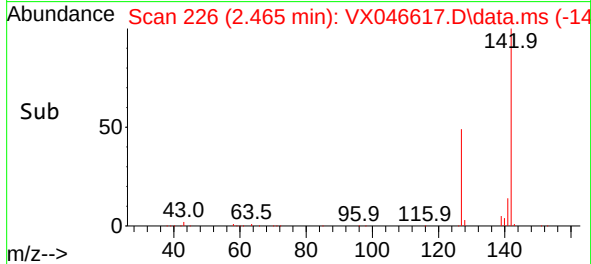
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:142 Resp: 162711
Ion Ratio Lower Upper
142 100
127 49.4 24.1 72.4
141 13.7 7.0 20.9

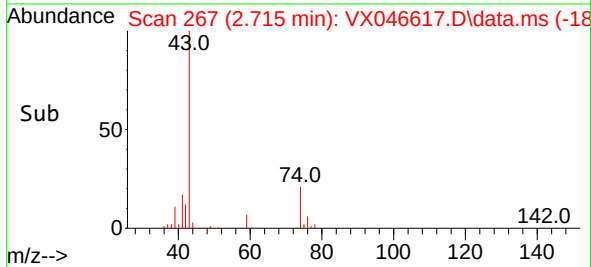
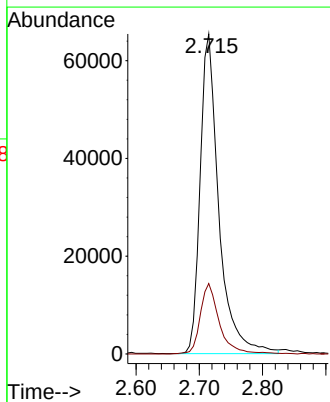
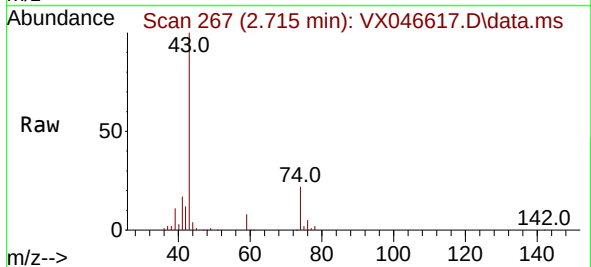
Manual Integrations
APPROVED

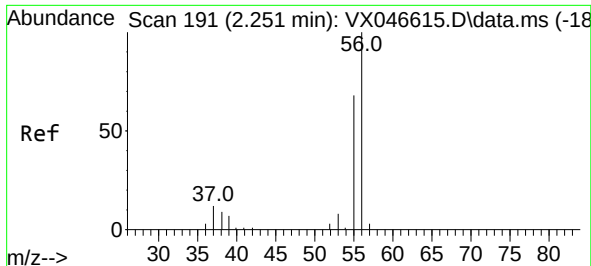
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#12
Methyl Acetate
Concen: 78.621 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

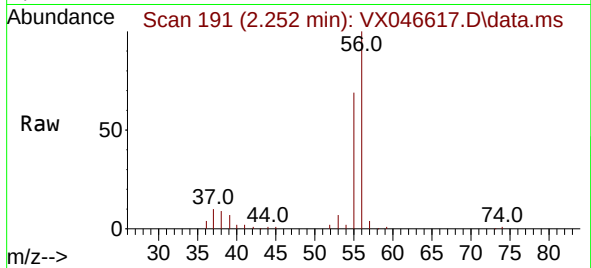
Tgt Ion: 43 Resp: 134440
Ion Ratio Lower Upper
43 100
74 22.0 17.2 25.8





#13
Acrolein
Concen: 273.923 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

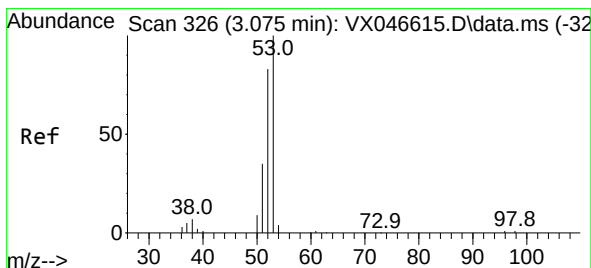
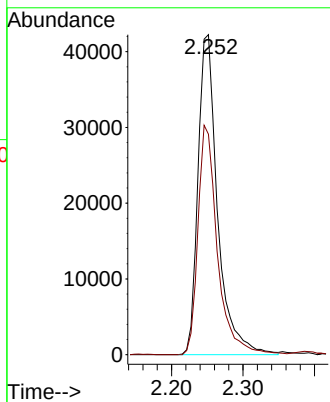
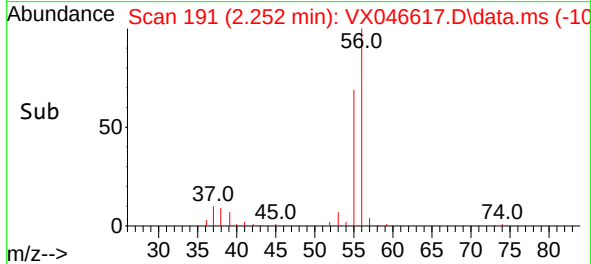
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 80510
Ion Ratio Lower Upper
56 100
55 71.2 56.0 84.0

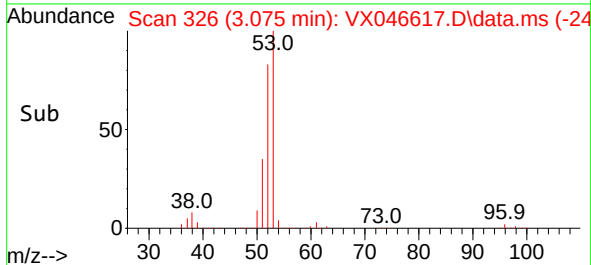
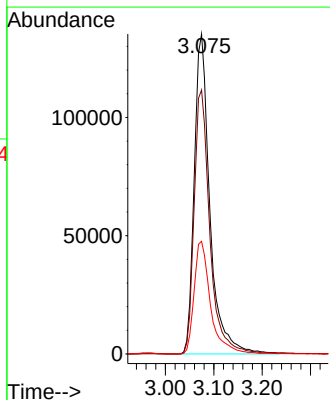
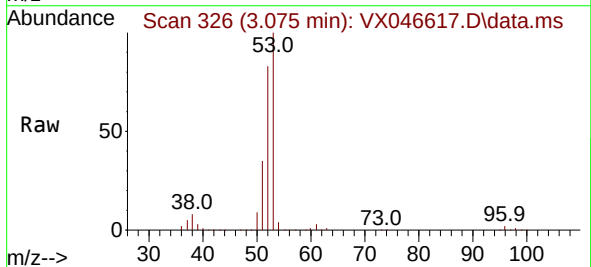
Manual Integrations
APPROVED

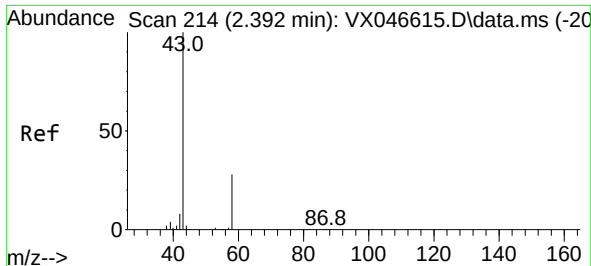
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#14
Acrylonitrile
Concen: 397.435 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

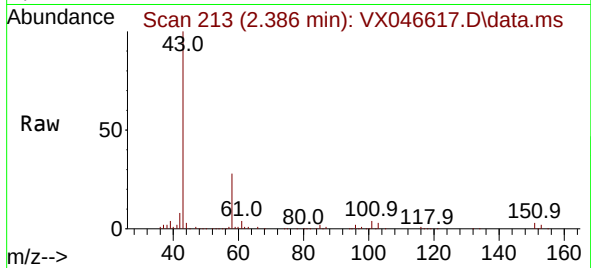
Tgt Ion: 53 Resp: 303346
Ion Ratio Lower Upper
53 100
52 82.7 41.3 123.7
51 36.8 18.6 55.8





#15
Acetone
Concen: 351.507 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

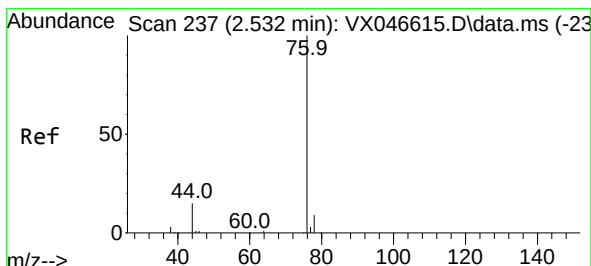
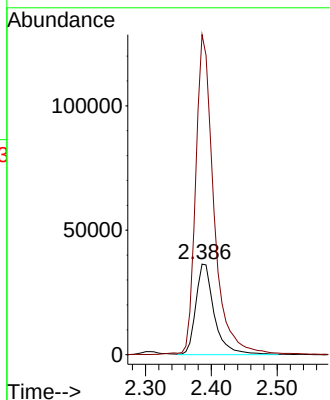
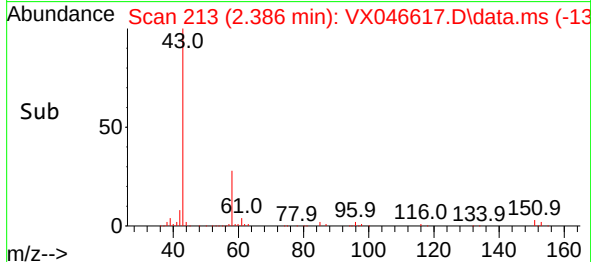
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 58 Resp: 71100
Ion Ratio Lower Upper
58 100
43 353.1 290.6 435.8

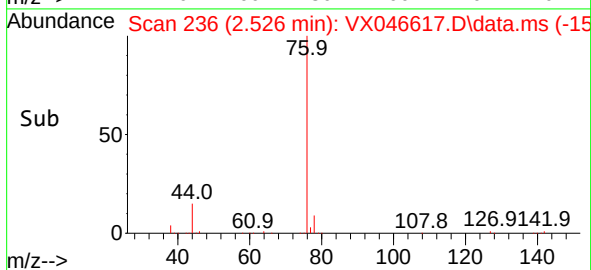
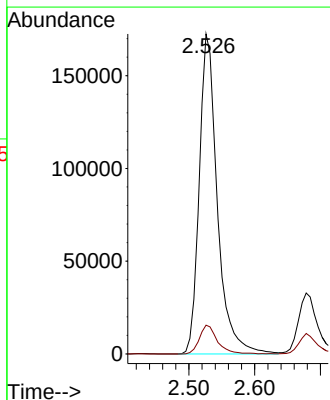
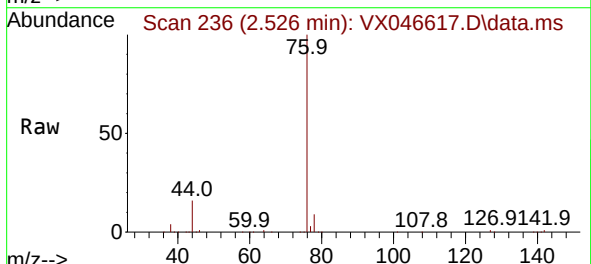
Manual Integrations
APPROVED

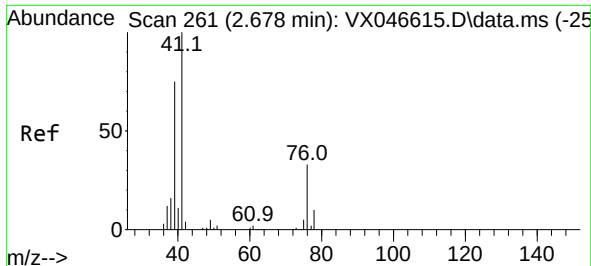
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#16
Carbon Disulfide
Concen: 84.972 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

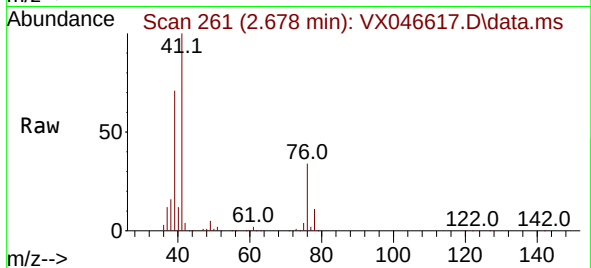
Tgt Ion: 76 Resp: 330142
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0





#17
 Allyl chloride
 Concen: 83.951 ug/l
 RT: 2.678 min Scan# 214540
 Delta R.T. 0.000 min
 Lab File: VX046617.D
 Acq: 10 Jun 2025 21:22

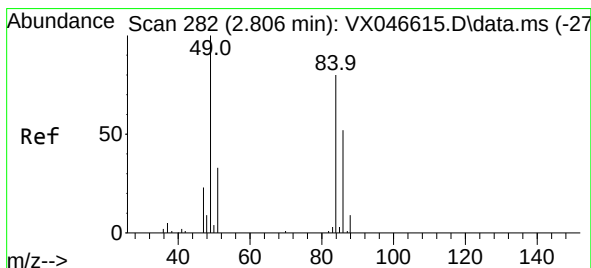
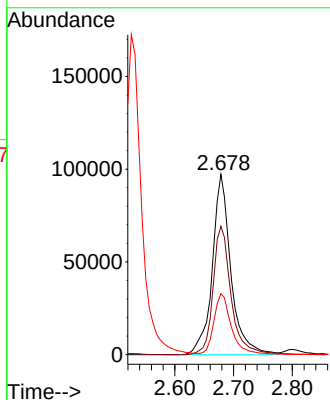
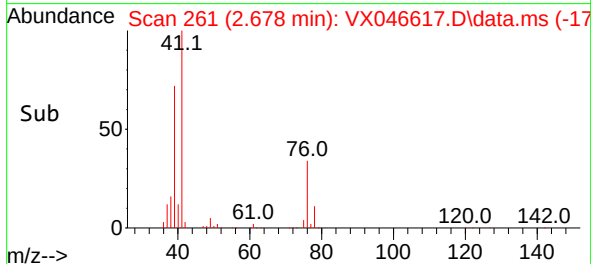
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



Tgt Ion: 41 Resp: 214540
 Ion Ratio Lower Upper
 41 100
 39 71.2 37.5 112.3
 76 33.5 17.4 52.3

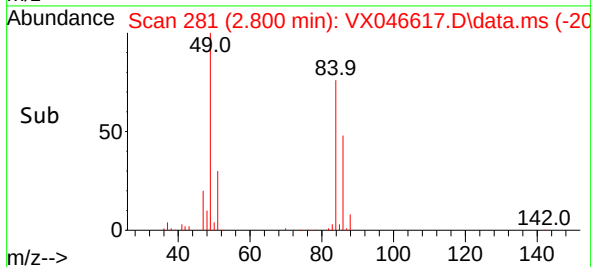
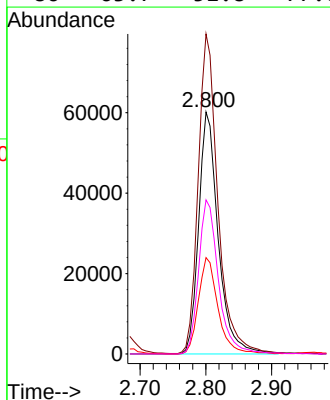
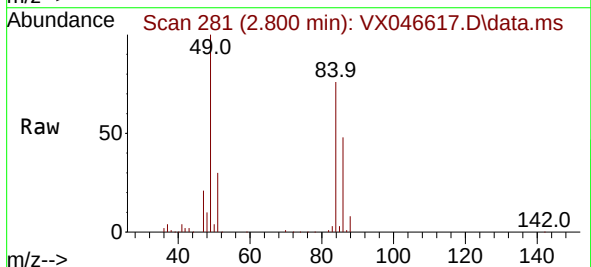
Manual Integrations
 APPROVED

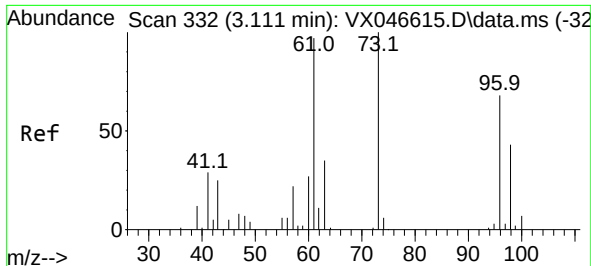
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#18
 Methylene Chloride
 Concen: 81.549 ug/l
 RT: 2.800 min Scan# 281
 Delta R.T. -0.006 min
 Lab File: VX046617.D
 Acq: 10 Jun 2025 21:22

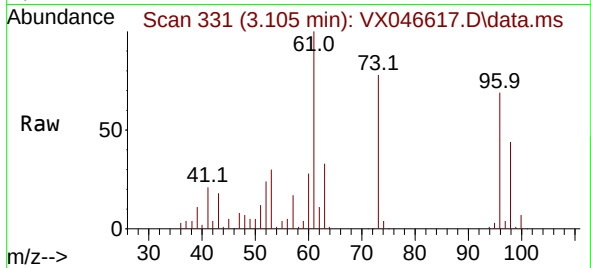
Tgt Ion: 84 Resp: 124706
 Ion Ratio Lower Upper
 84 100
 49 132.1 100.1 150.1
 51 39.8 33.0 49.4
 86 63.7 51.8 77.6





#19
trans-1,2-Dichloroethene
Concen: 86.099 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

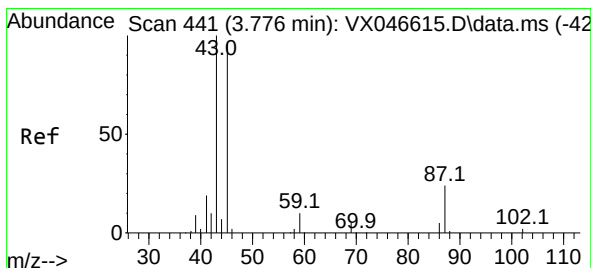
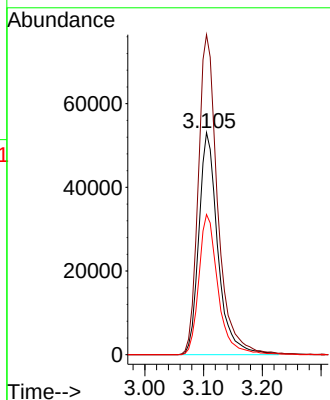
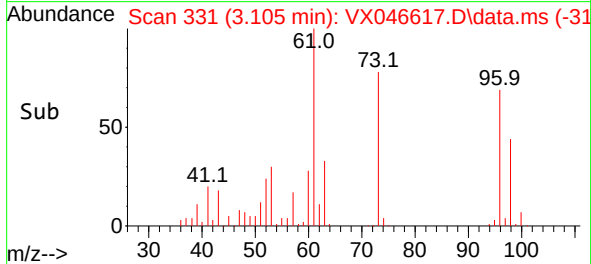
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 11941
Ion Ratio Lower Upper
96 100
61 144.1 114.5 171.7
98 63.1 50.2 75.4

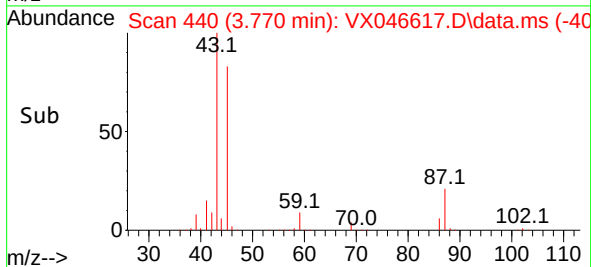
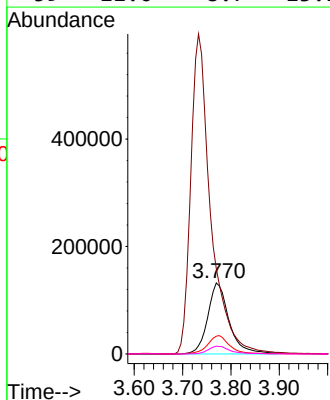
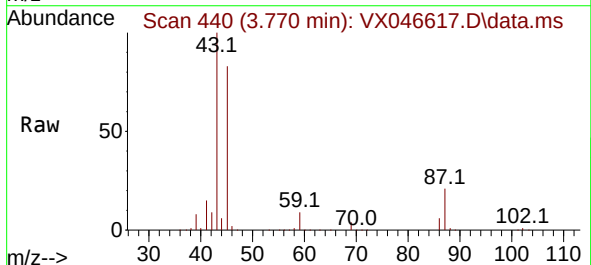
Manual Integrations
APPROVED

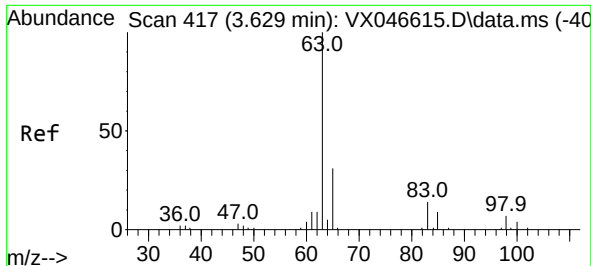
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#20
Diisopropyl ether
Concen: 83.005 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Tgt Ion: 45 Resp: 406048
Ion Ratio Lower Upper
45 100
43 118.0 83.2 124.8
87 25.1 20.2 30.4
59 11.0 8.7 13.1





#21

1,1-Dichloroethane

Concen: 83.430 ug/l

RT: 3.623 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX046617.D

Acq: 10 Jun 2025 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 22755

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

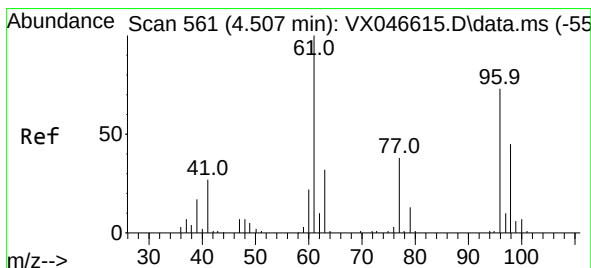
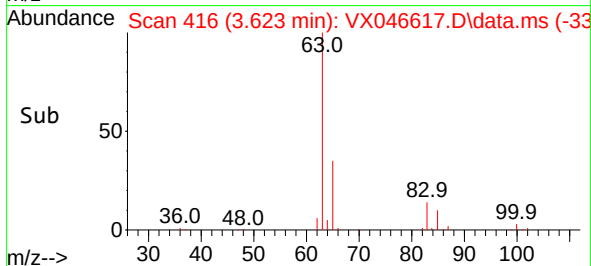
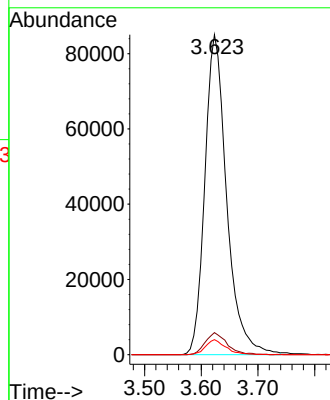
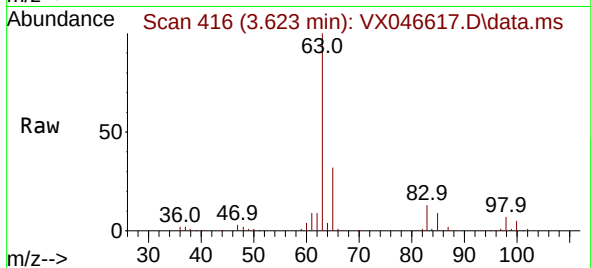
100 4.7 1.8 5.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#22

cis-1,2-Dichloroethene

Concen: 83.913 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.006 min

Lab File: VX046617.D

Acq: 10 Jun 2025 21:22

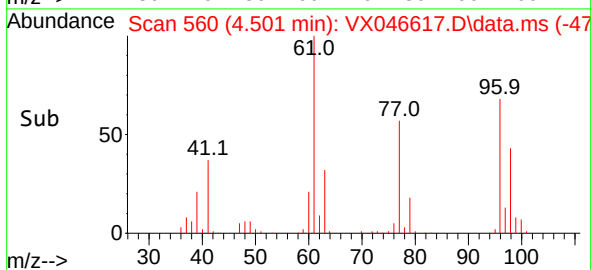
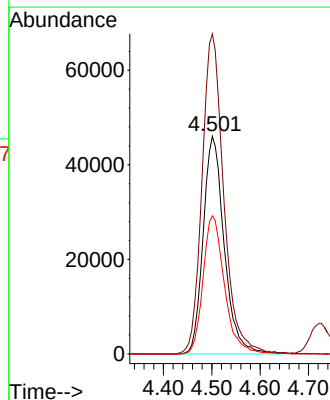
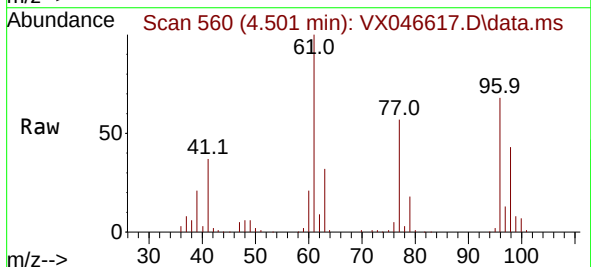
Tgt Ion: 96 Resp: 139255

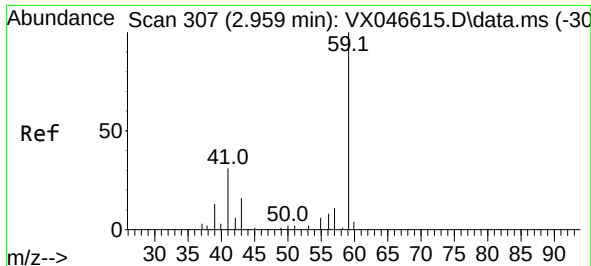
Ion Ratio Lower Upper

96 100

61 151.7 118.6 177.8

98 64.4 49.6 74.4





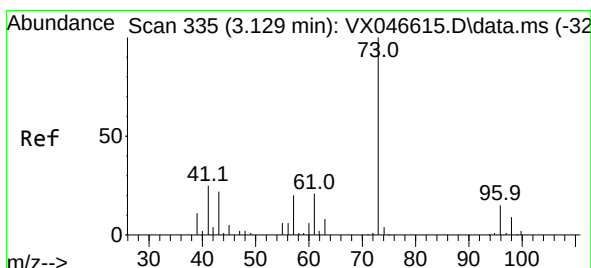
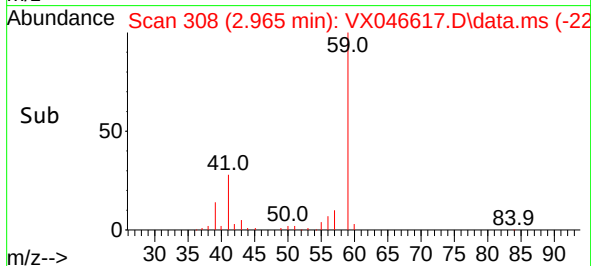
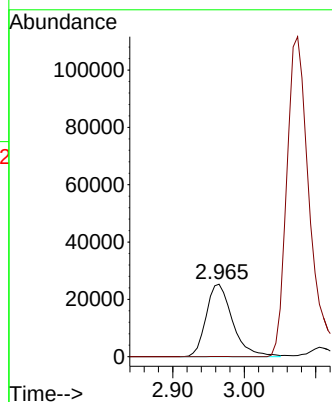
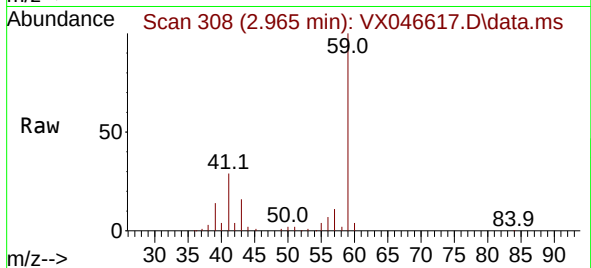
#23
tert-Butyl Alcohol
Concen: 261.163 ug/l
RT: 2.965 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 6489
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

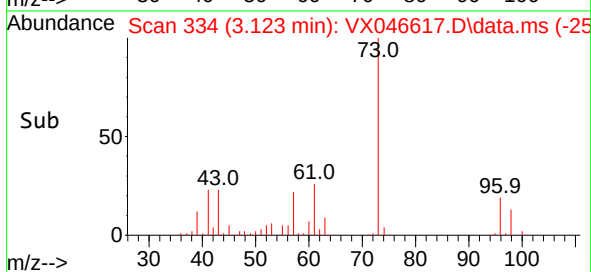
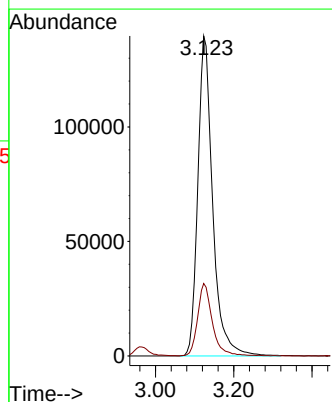
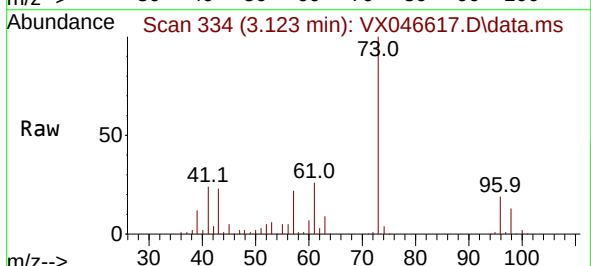
Manual Integrations
APPROVED

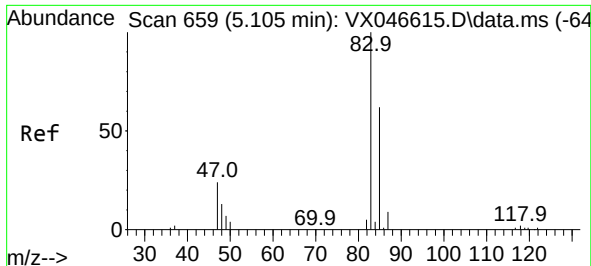
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#24
Methyl tert-Butyl Ether
Concen: 83.260 ug/l
RT: 3.123 min Scan# 334
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Tgt Ion: 73 Resp: 368205
Ion Ratio Lower Upper
73 100
43 22.2 18.4 27.6





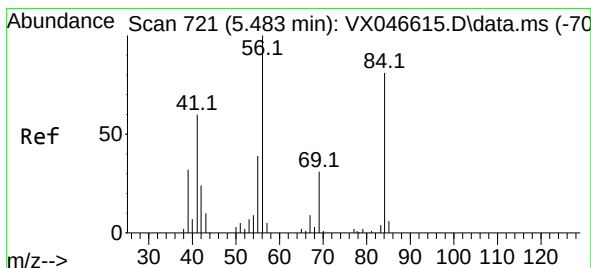
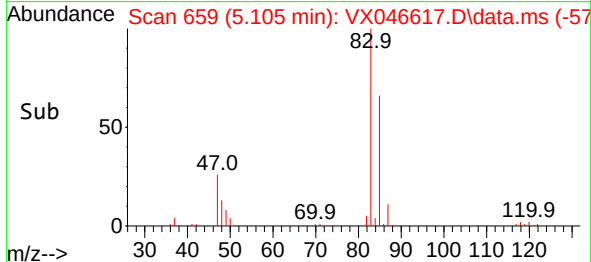
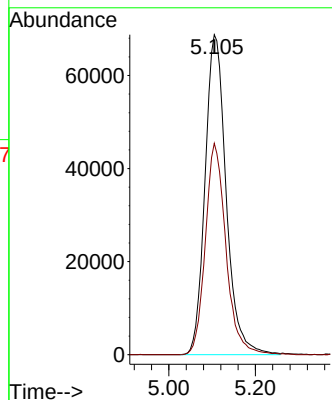
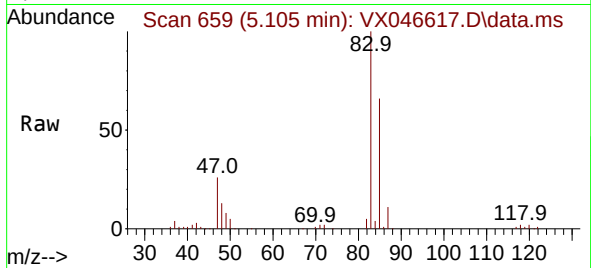
#25
Chloroform
Concen: 87.654 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 233034
Ion Ratio Lower Upper
83 100
85 66.1 49.8 74.6

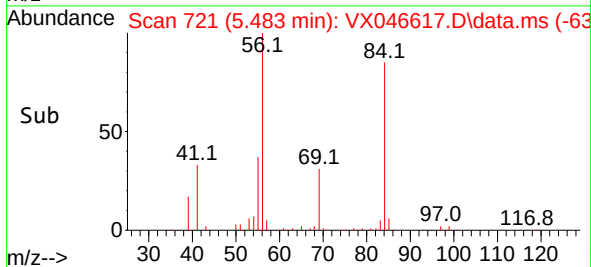
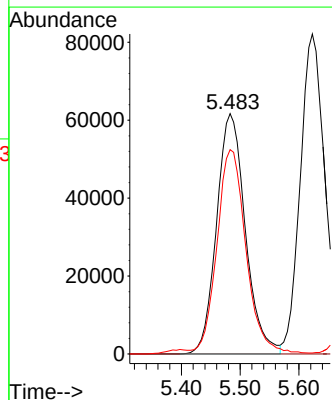
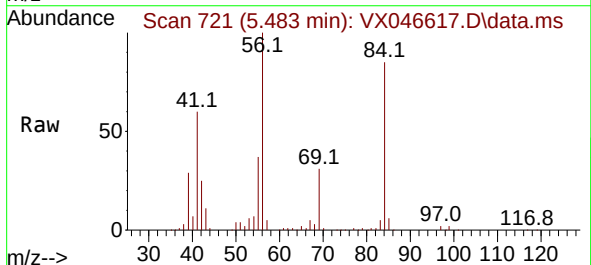
Manual Integrations
APPROVED

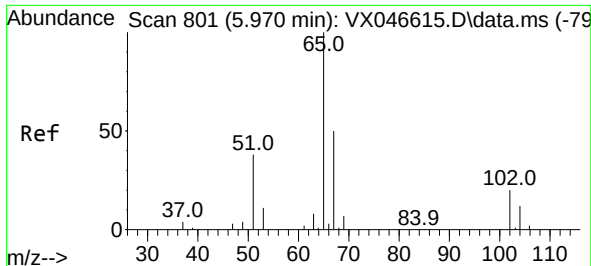
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#26
Cyclohexane
Concen: 83.567 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Tgt Ion: 56 Resp: 209782
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.0 67.4 101.0





#27

1,2-Dichloroethane-d4

Concen: 26.584 ug/l

RT: 5.964 min Scan# 801

Delta R.T. -0.006 min

Lab File: VX046617.D

Acq: 10 Jun 2025 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 46278

Ion Ratio Lower Upper

65 100

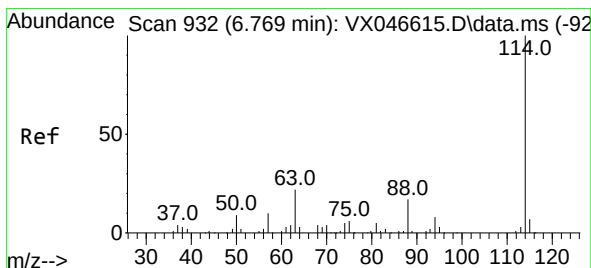
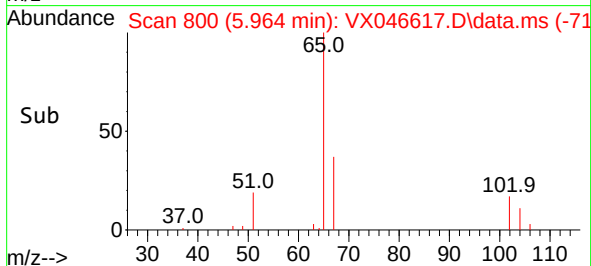
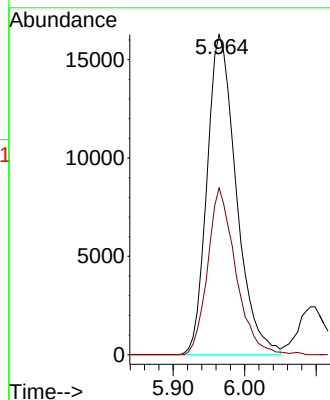
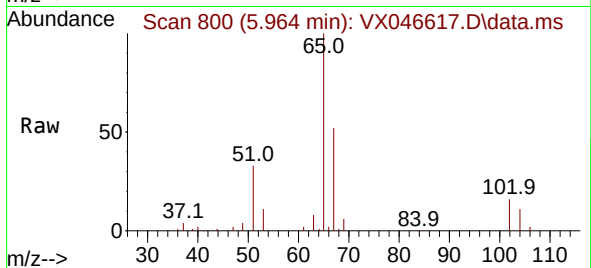
67 49.8 41.4 62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX046617.D

Acq: 10 Jun 2025 21:22

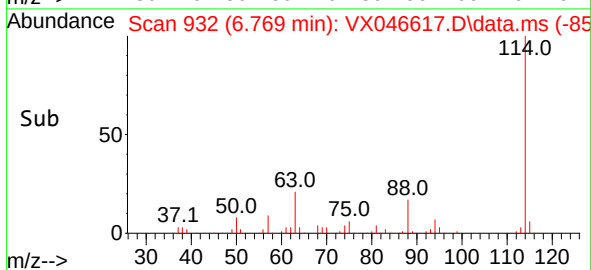
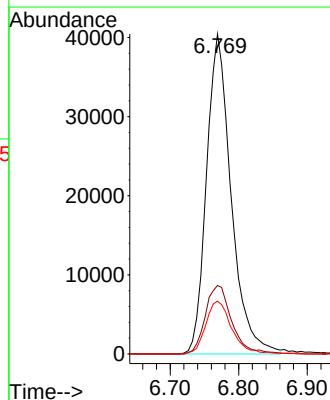
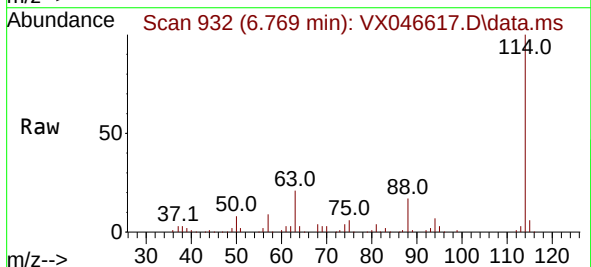
Tgt Ion:114 Resp: 101087

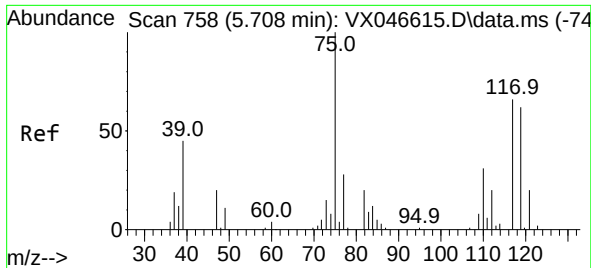
Ion Ratio Lower Upper

114 100

63 22.9 18.1 27.1

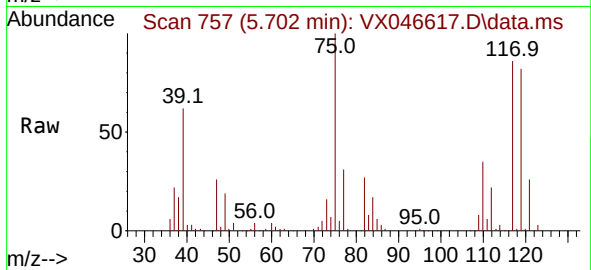
88 17.2 14.1 21.1





#29
1,1-Dichloropropene
Concen: 88.439 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

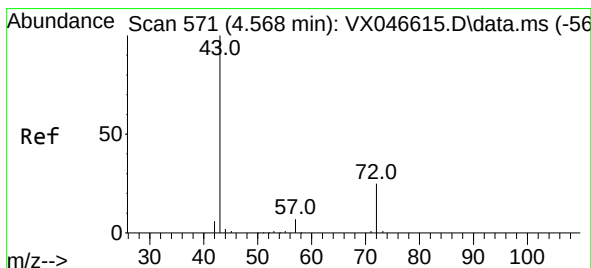
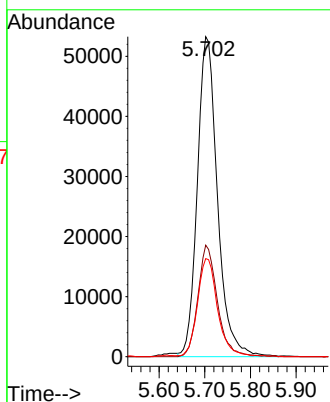
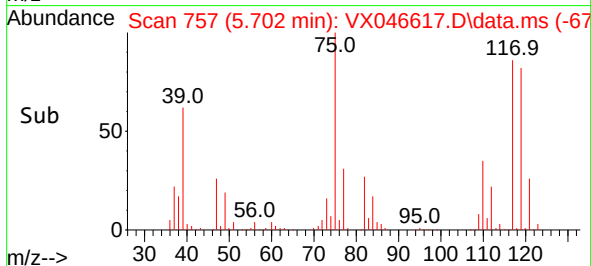
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 16317
Ion Ratio Lower Upper
75 100
110 33.6 0.0 65.4
77 30.7 0.0 59.8

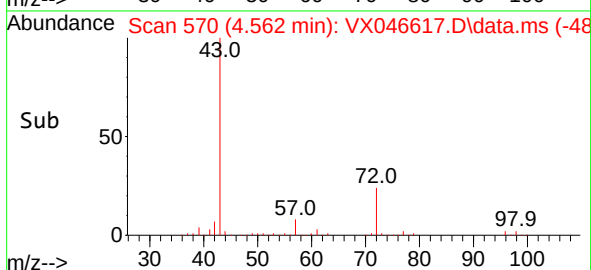
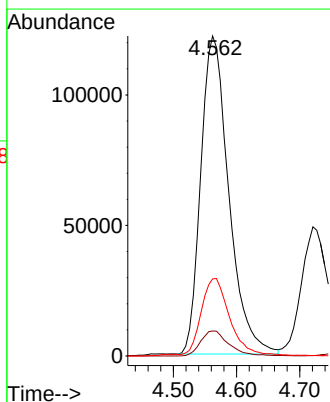
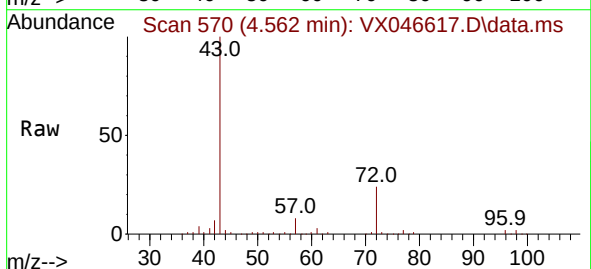
Manual Integrations
APPROVED

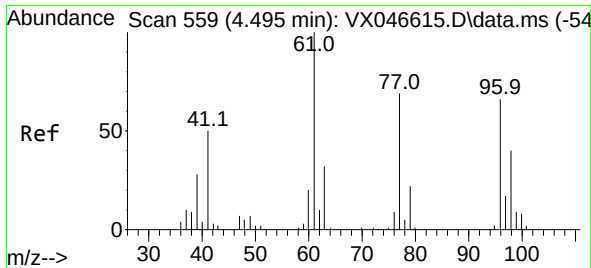
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#30
2-Butanone
Concen: 369.450 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

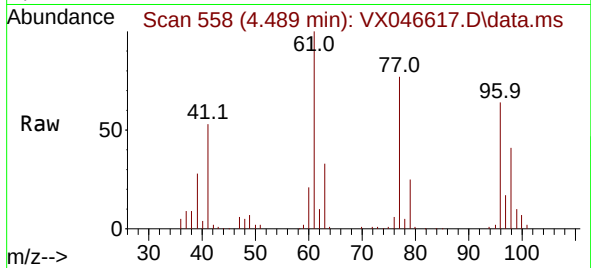
Tgt Ion: 43 Resp: 375531
Ion Ratio Lower Upper
43 100
57 7.8 5.8 8.6
72 24.5 19.4 29.2





#31
2,2-Dichloropropane
Concen: 74.259 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

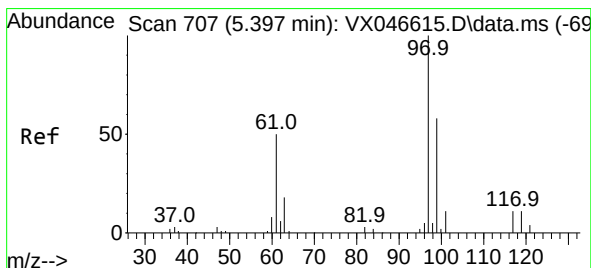
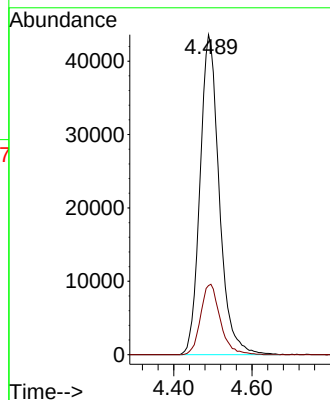
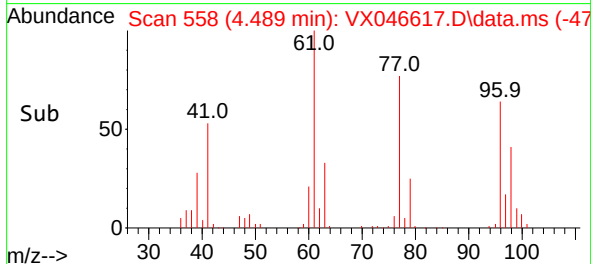
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



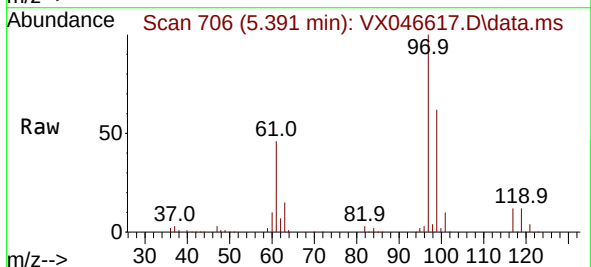
Tgt Ion: 77 Resp: 148694
Ion Ratio Lower Upper
77 100
97 22.4 18.6 27.8

Manual Integrations
APPROVED

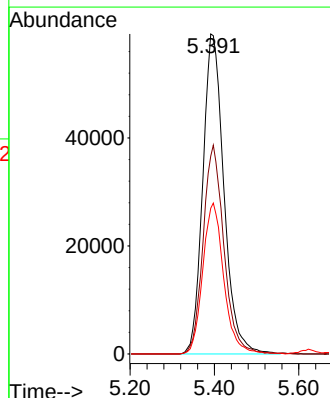
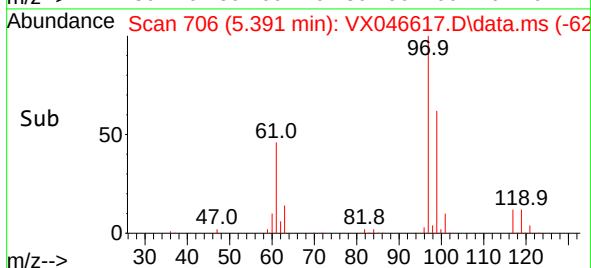
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

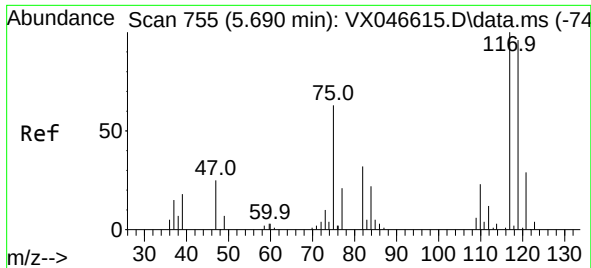


#32
1,1,1-Trichloroethane
Concen: 92.045 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22



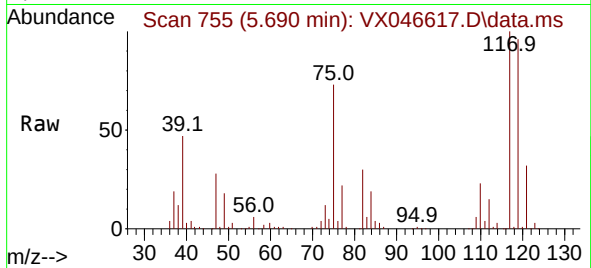
Tgt Ion: 97 Resp: 206409
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 46.8 39.5 59.3





#33
Carbon Tetrachloride
Concen: 95.711 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

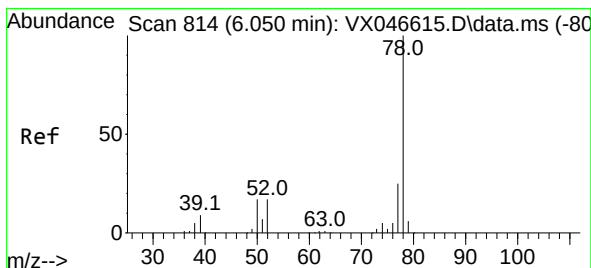
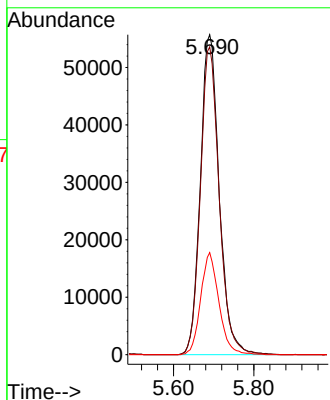
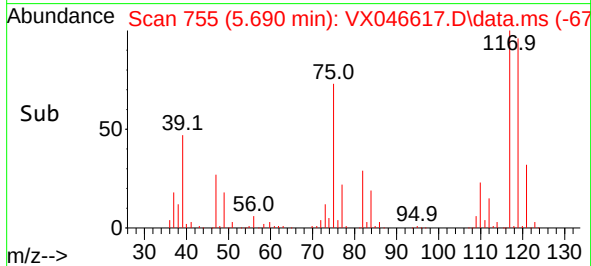
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 18250
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7
121 31.9 23.2 34.8

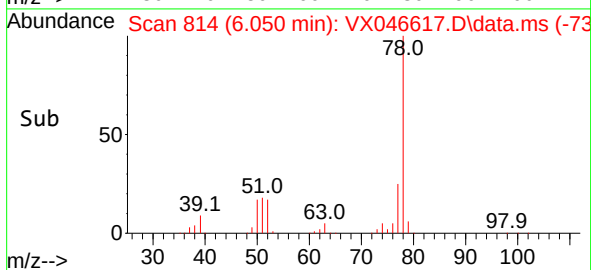
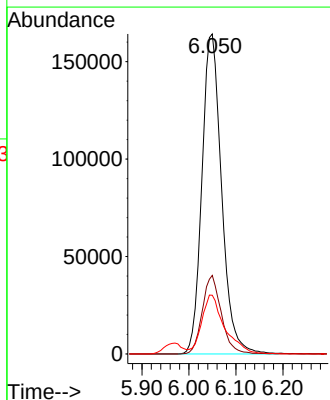
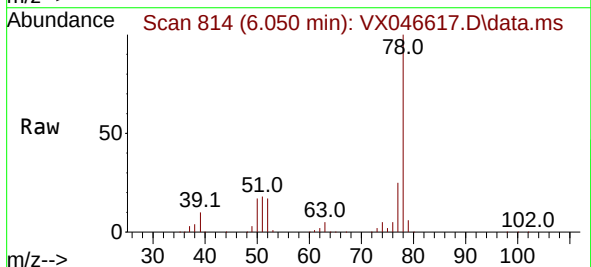
Manual Integrations
APPROVED

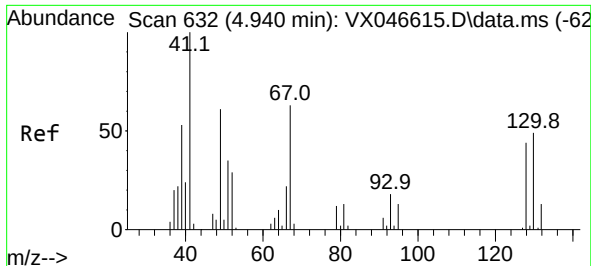
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#34
Benzene
Concen: 83.690 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Tgt Ion: 78 Resp: 476940
Ion Ratio Lower Upper
78 100
77 24.6 19.8 29.8
51 18.3 14.7 22.1





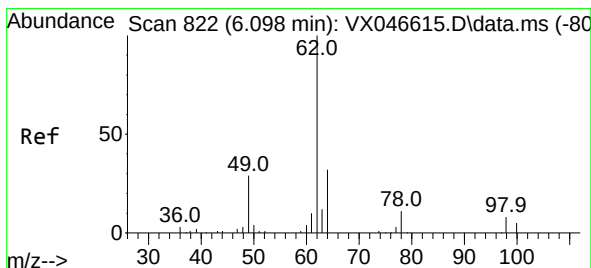
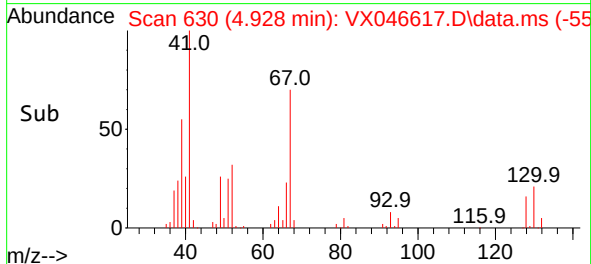
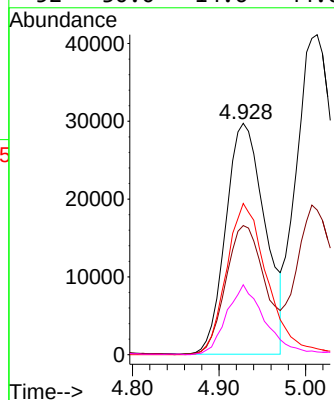
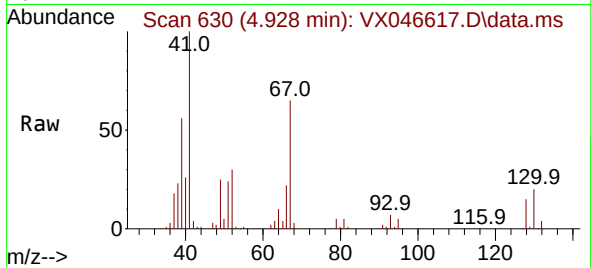
#35
Methacrylonitrile
Concen: 84.745 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 41 Resp: 9360
Ion Ratio Lower Upper
41 100
39 55.7 26.4 79.2
67 65.5 31.4 94.3
52 30.0 14.6 44.0

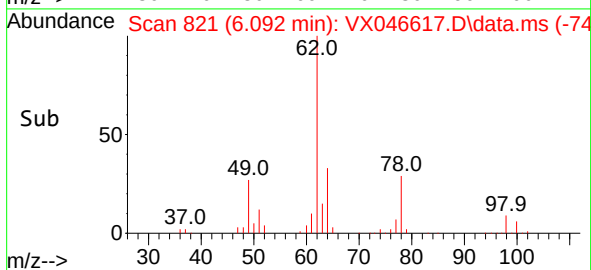
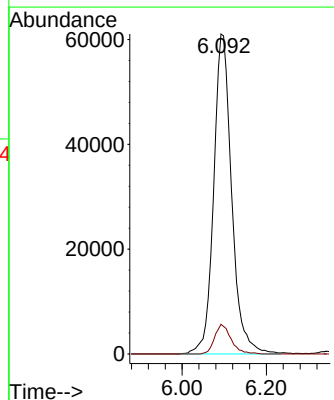
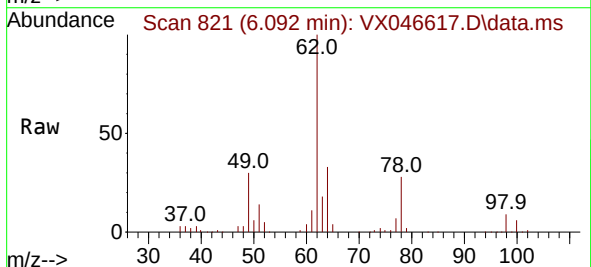
Manual Integrations
APPROVED

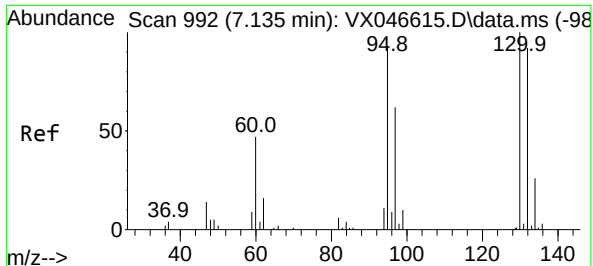
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#36
1,2-Dichloroethane
Concen: 90.478 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Tgt Ion: 62 Resp: 180713
Ion Ratio Lower Upper
62 100
98 8.4 6.5 9.7





#37

Trichloroethene

Concen: 88.401 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX046617.D

Acq: 10 Jun 2025 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:130 Resp: 11860

Ion Ratio Lower Upper

130 100

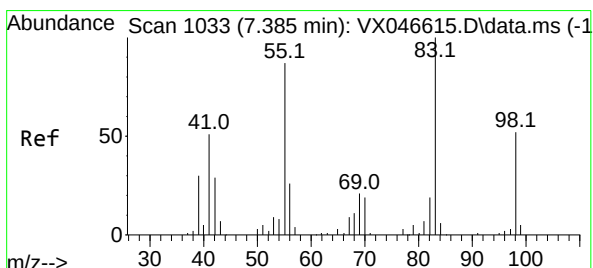
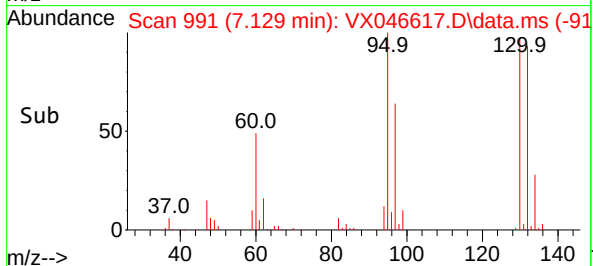
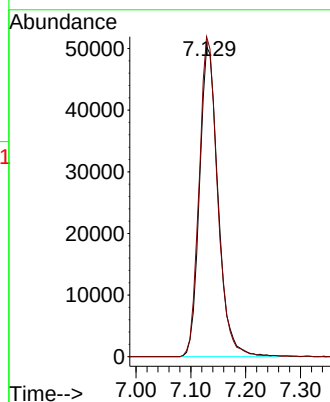
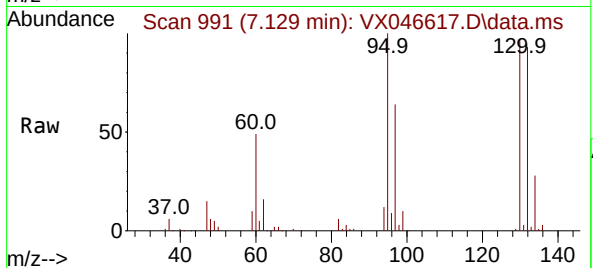
95 103.2 74.7 112.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#38

Methylcyclohexane

Concen: 85.889 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX046617.D

Acq: 10 Jun 2025 21:22

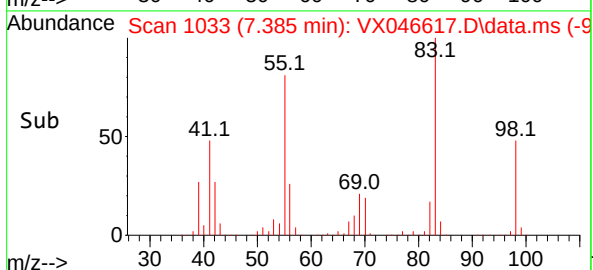
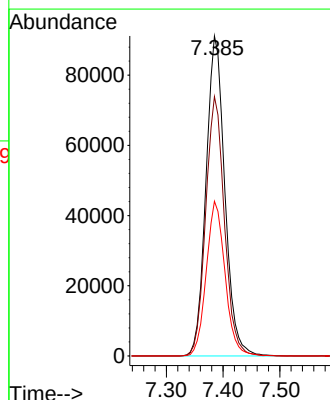
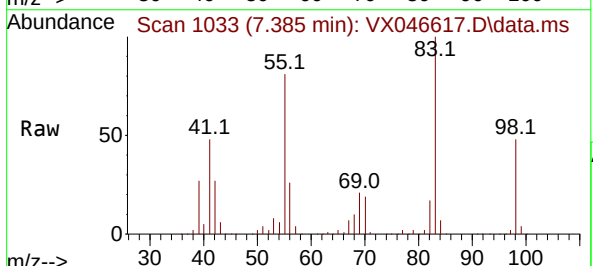
Tgt Ion: 83 Resp: 210185

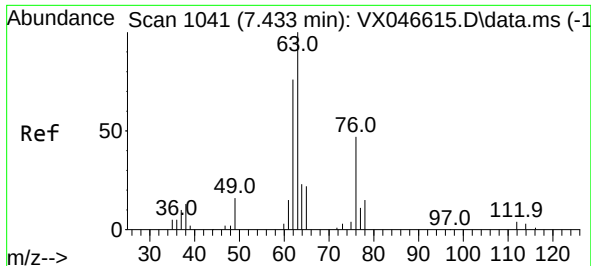
Ion Ratio Lower Upper

83 100

55 80.8 42.6 128.0

98 48.3 24.8 74.3





#39

1,2-Dichloropropane

Concen: 83.951 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX046617.D

Acq: 10 Jun 2025 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 11855

Ion Ratio Lower Upper

63 100

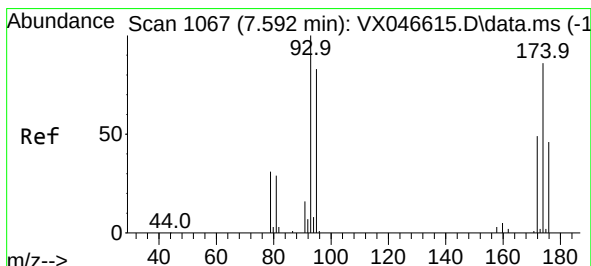
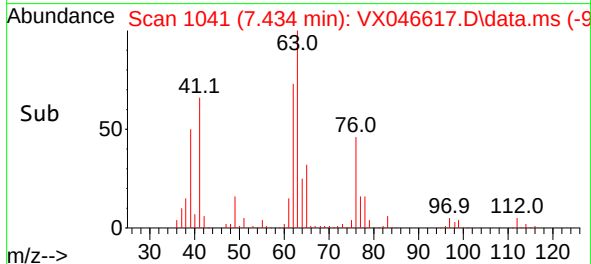
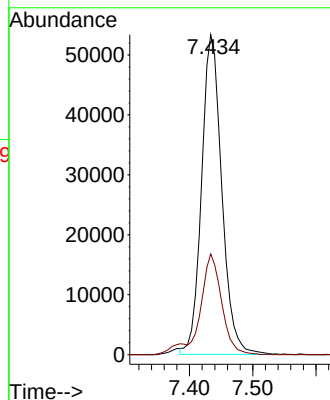
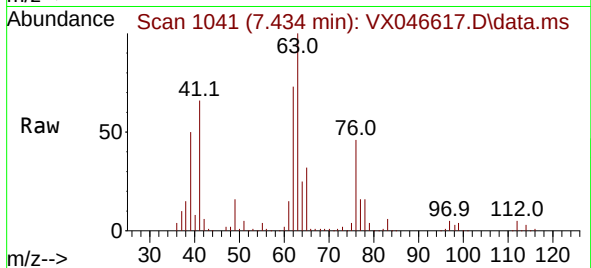
65 31.5 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#40

Dibromomethane

Concen: 85.415 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VX046617.D

Acq: 10 Jun 2025 21:22

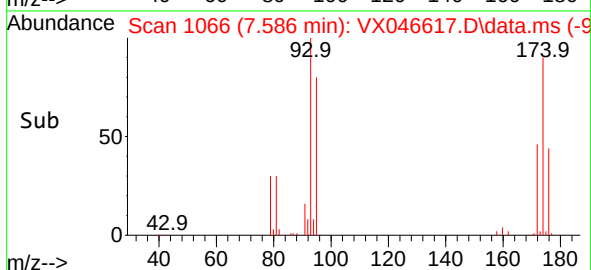
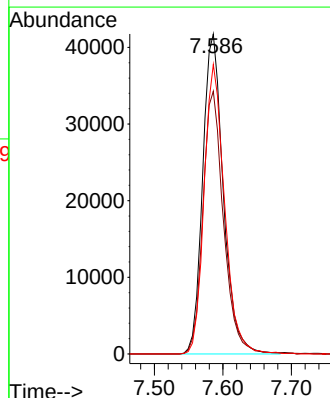
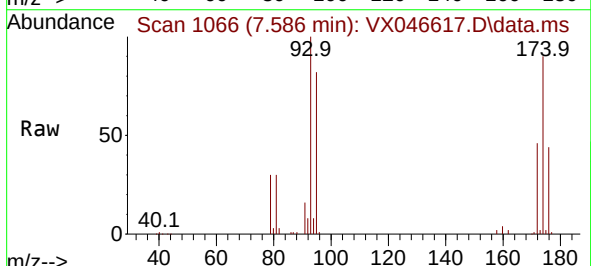
Tgt Ion: 93 Resp: 87518

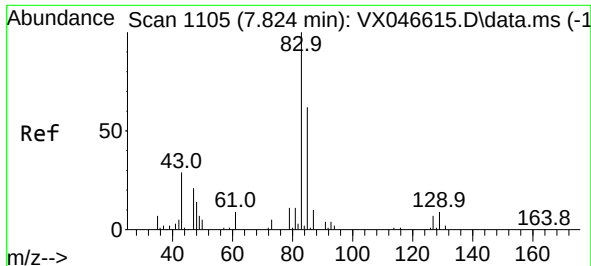
Ion Ratio Lower Upper

93 100

95 82.0 0.0 164.8

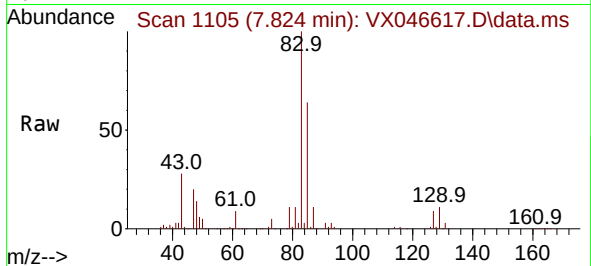
174 89.5 0.0 176.0





#41
Bromodichloromethane
Concen: 89.807 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

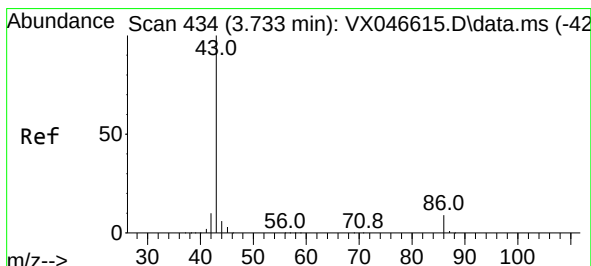
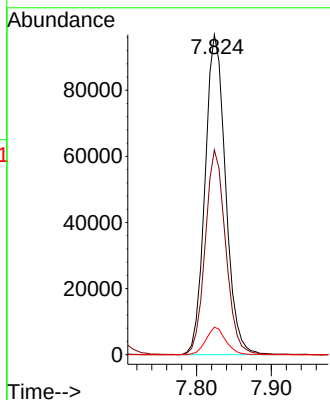
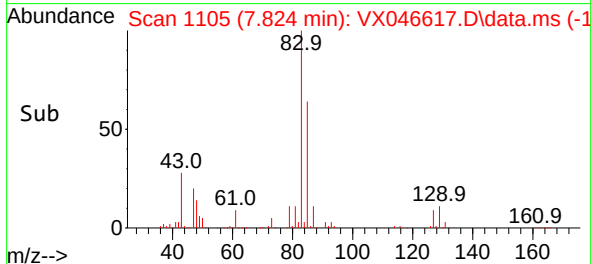
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 184639
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6
127 8.6 5.5 8.3

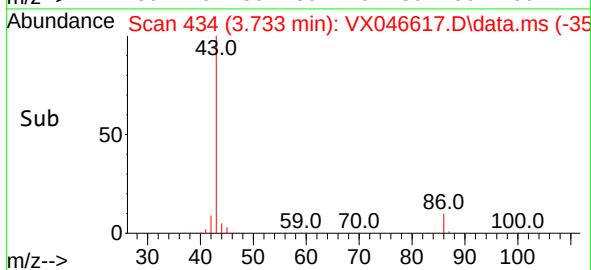
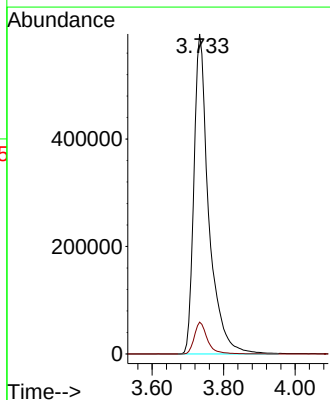
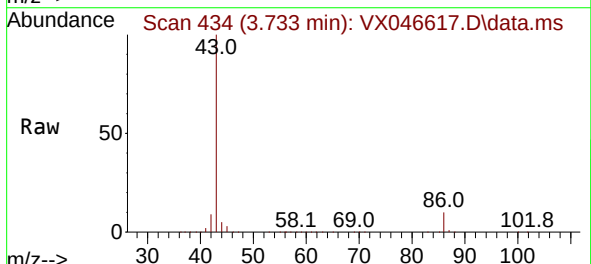
Manual Integrations
APPROVED

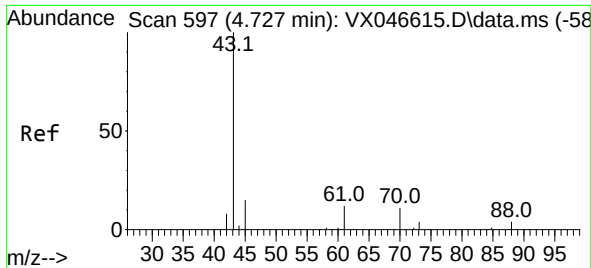
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#42
Vinyl Acetate
Concen: 434.505 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Tgt Ion: 43 Resp: 1716533
Ion Ratio Lower Upper
43 100
86 8.7 6.4 9.6





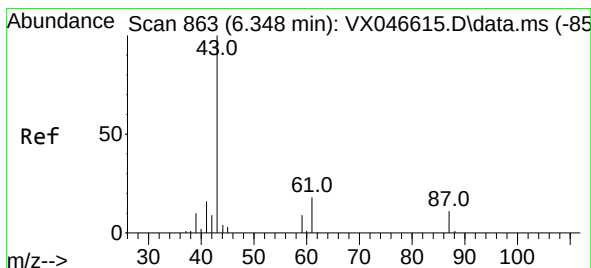
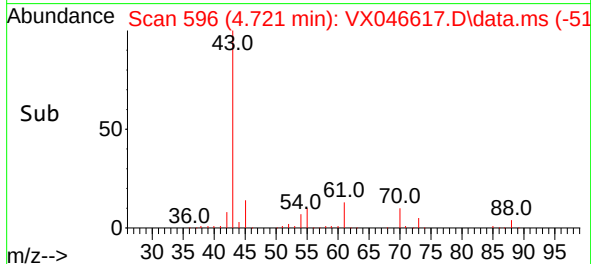
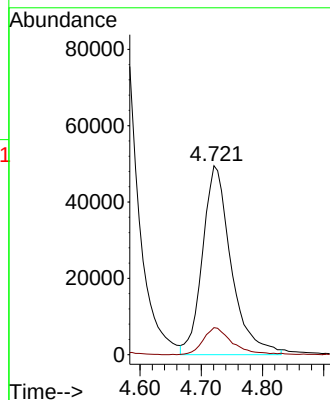
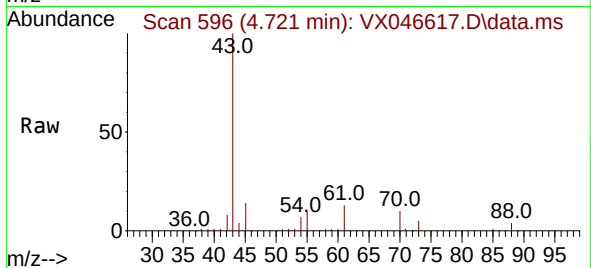
#43
Ethyl Acetate
Concen: 82.655 ug/l m
RT: 4.721 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 161000
Ion Ratio Lower Upper
43 100
45 14.4 7.9 11.9

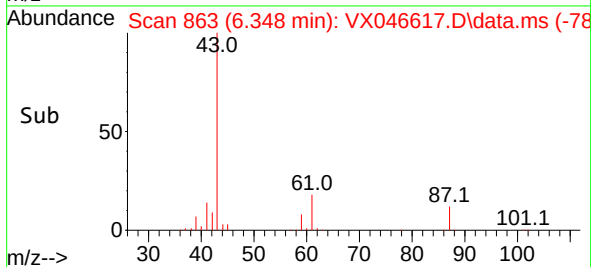
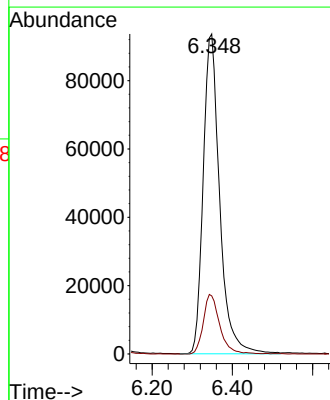
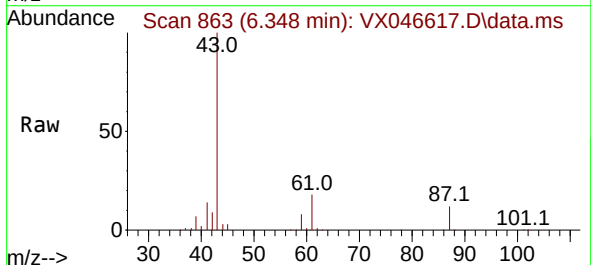
Manual Integrations
APPROVED

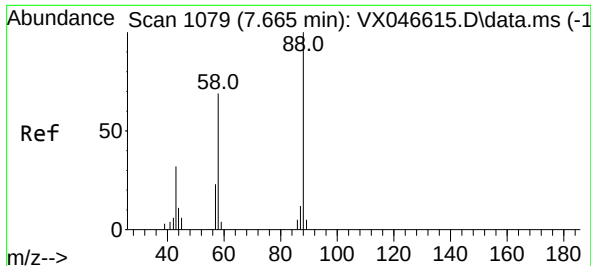
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#44
Isopropyl Acetate
Concen: 83.629 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

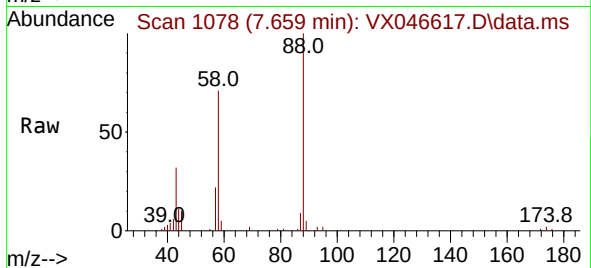
Tgt Ion: 43 Resp: 265905
Ion Ratio Lower Upper
43 100
61 18.3 15.0 22.4





#45
1,4-Dioxane
Concen: 1008.598 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

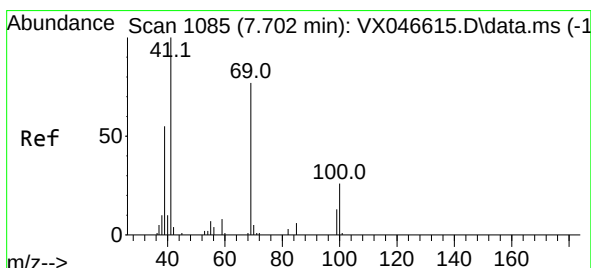
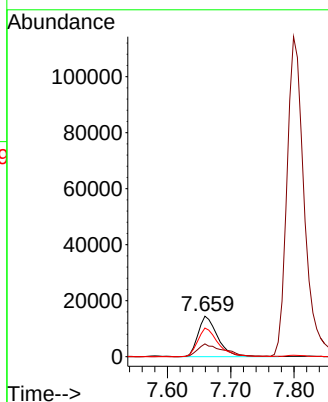
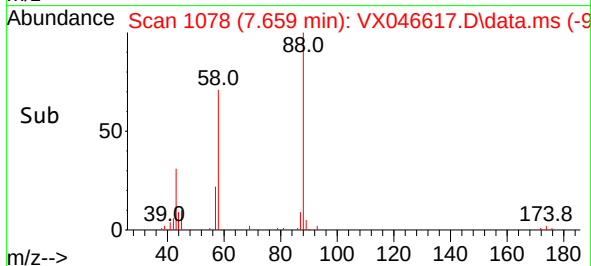
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 88 Resp: 30924
Ion Ratio Lower Upper
88 100
43 41.9 21.6 32.4
58 73.4 60.8 91.2

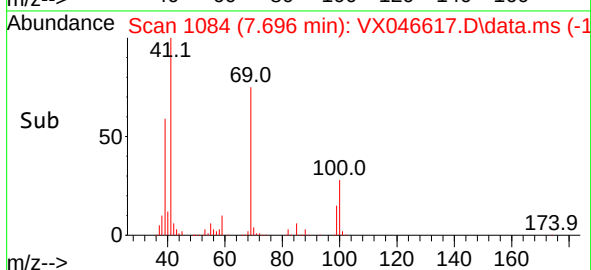
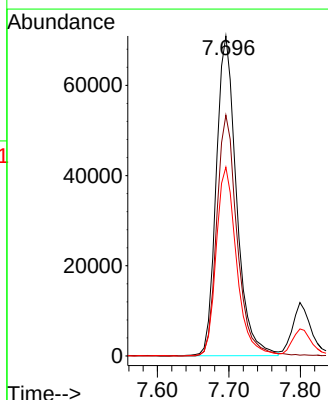
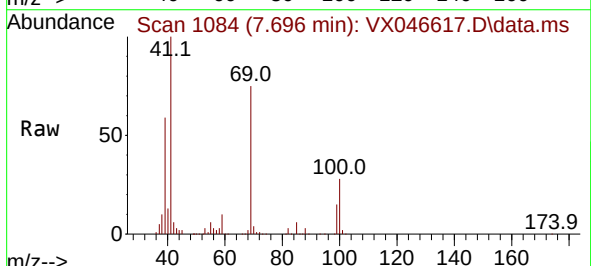
Manual Integrations
APPROVED

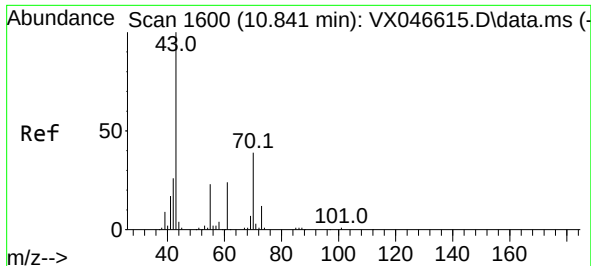
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#46
Methyl methacrylate
Concen: 87.615 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

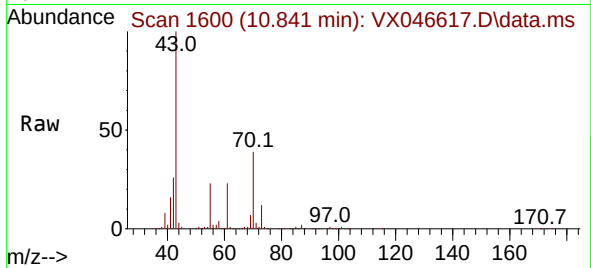
Tgt Ion: 41 Resp: 139613
Ion Ratio Lower Upper
41 100
69 75.3 38.7 116.1
39 59.1 27.7 83.1





#47
n-amyl acetate
Concen: 85.267 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

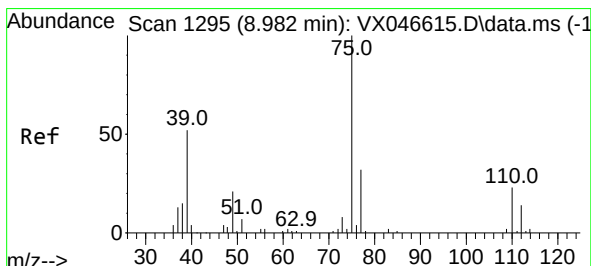
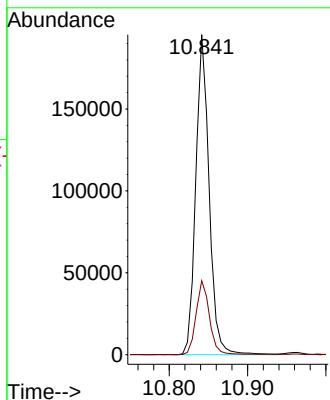
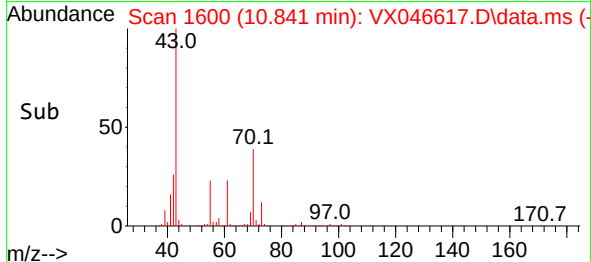
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 231600
Ion Ratio Lower Upper
43 100
55 23.1 19.4 29.2

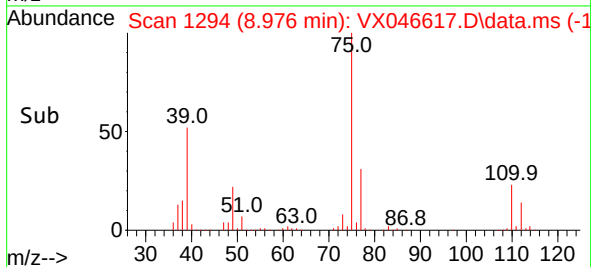
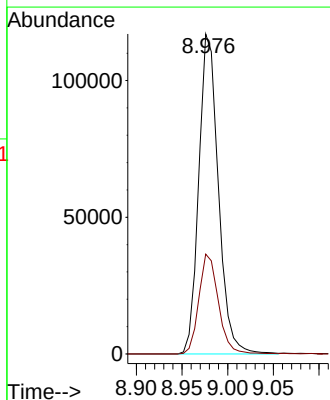
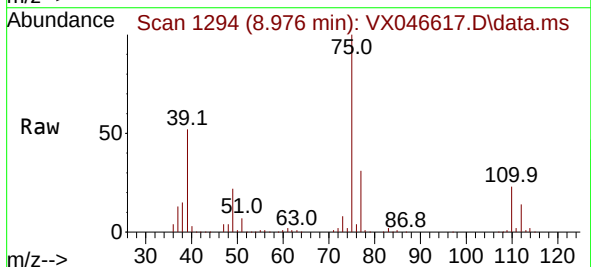
Manual Integrations
APPROVED

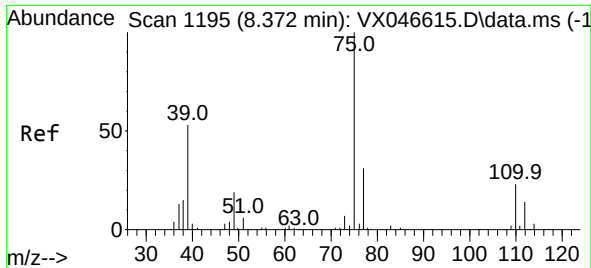
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#48
t-1,3-Dichloropropene
Concen: 89.095 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Tgt Ion: 75 Resp: 174247
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 86.882 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX046617.D

Acq: 10 Jun 2025 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 75 Resp: 190854

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

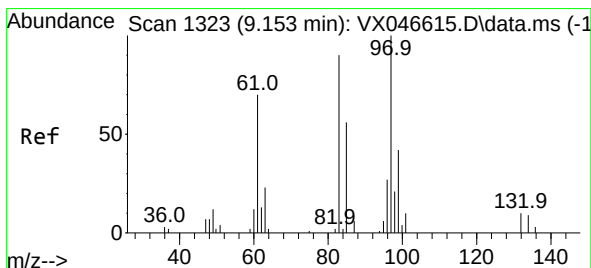
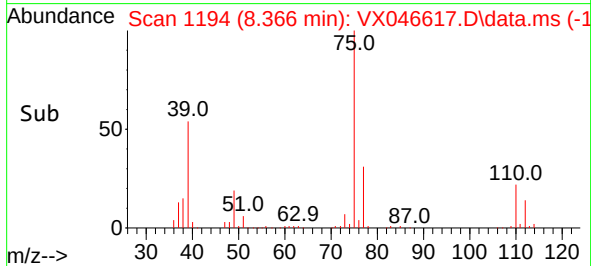
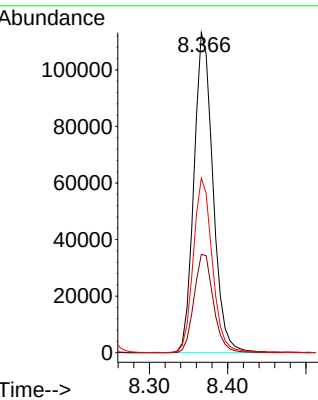
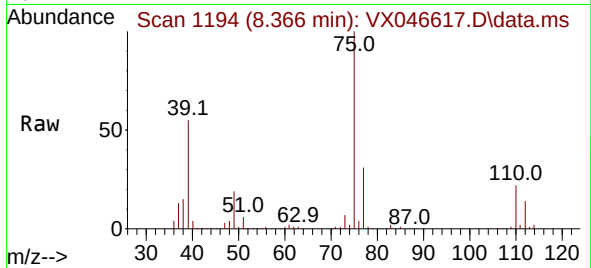
39 54.4 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#50

1,1,2-Trichloroethane

Concen: 82.533 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX046617.D

Acq: 10 Jun 2025 21:22

Tgt Ion: 97 Resp: 109109

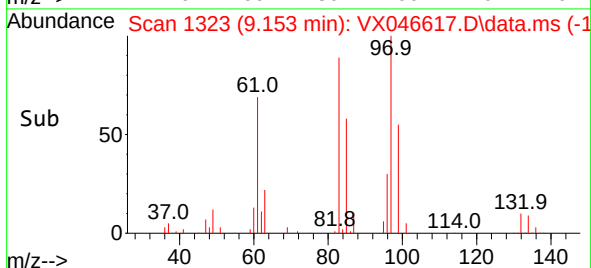
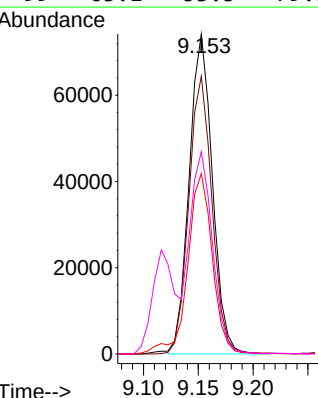
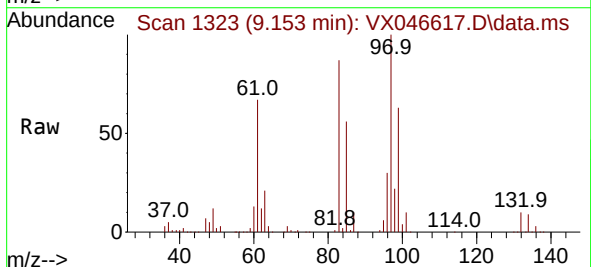
Ion Ratio Lower Upper

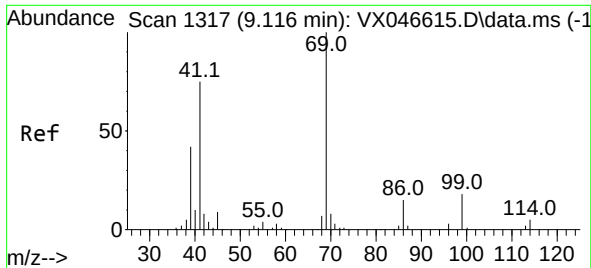
97 100

83 86.7 72.1 108.1

85 56.3 47.5 71.3

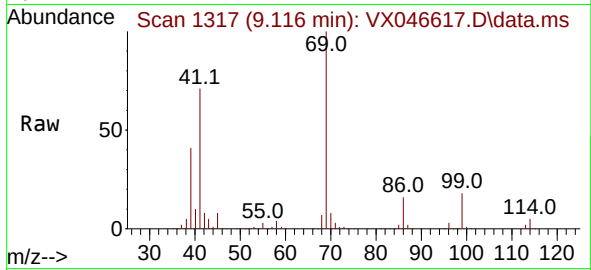
99 63.1 53.3 79.9





#51
Ethyl methacrylate
Concen: 86.556 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

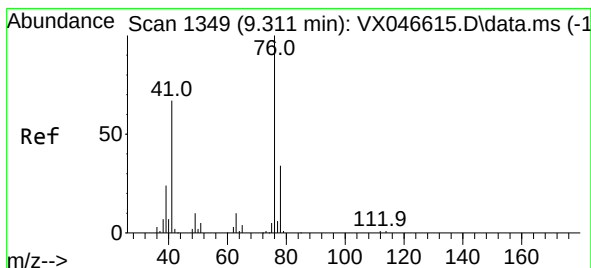
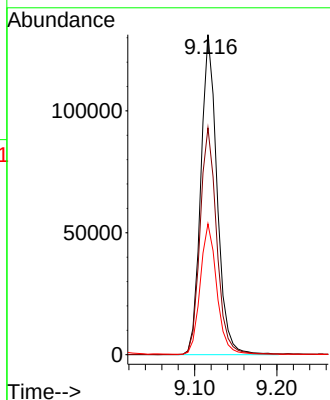
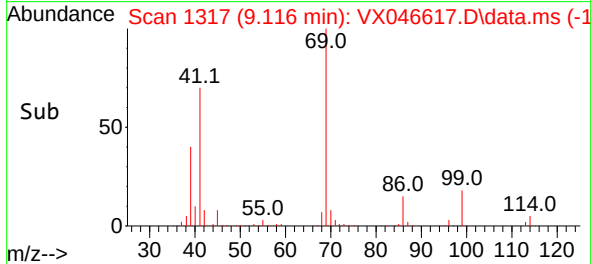
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



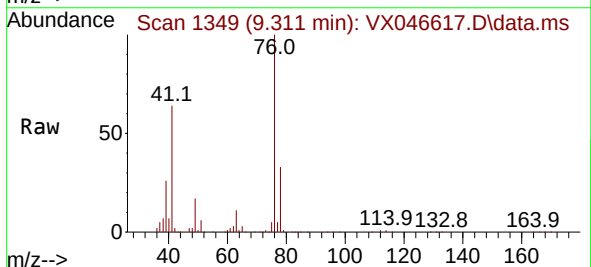
Tgt Ion: 69 Resp: 180720
Ion Ratio Lower Upper
69 100
41 70.8 37.4 112.2
39 40.8 20.8 62.5

Manual Integrations
APPROVED

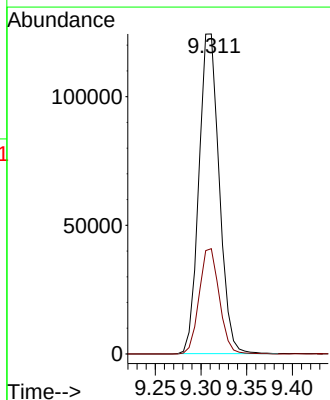
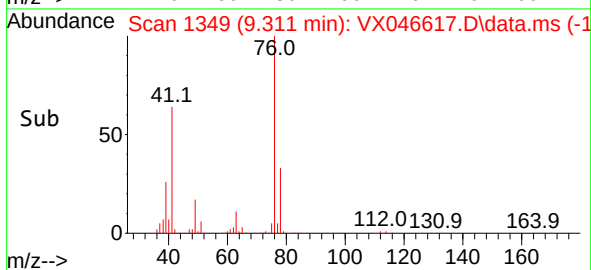
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

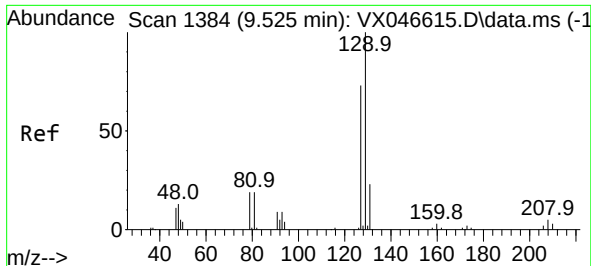


#52
1,3-Dichloropropane
Concen: 82.538 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22



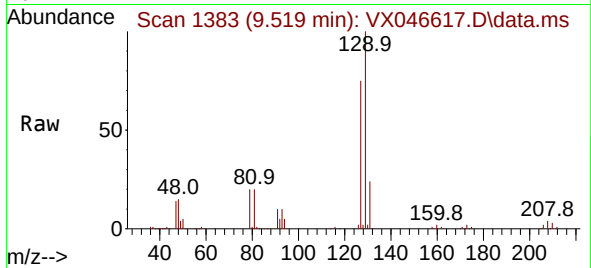
Tgt Ion: 76 Resp: 191705
Ion Ratio Lower Upper
76 100
78 32.7 0.0 62.6





#53
Dibromochloromethane
Concen: 90.555 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

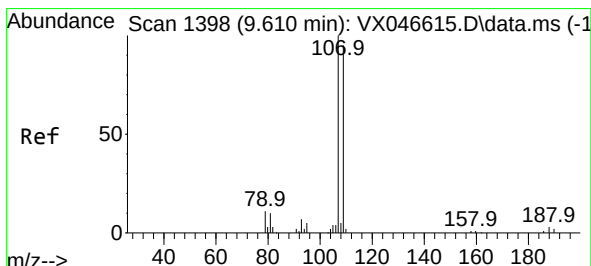
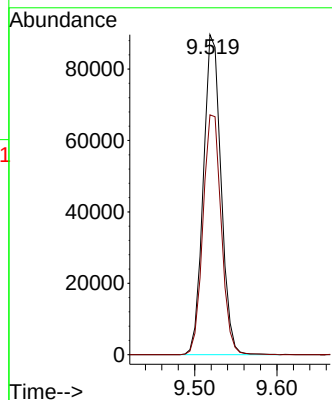
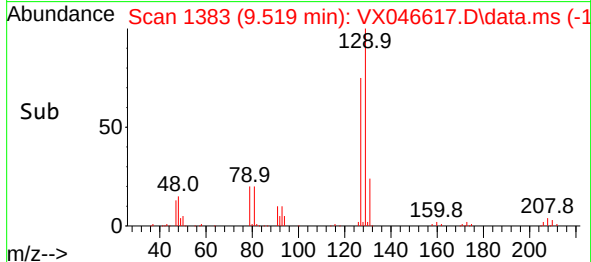
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:129 Resp: 134118
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.9

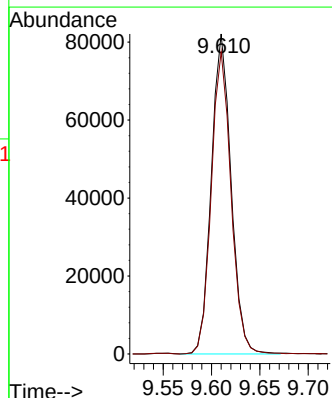
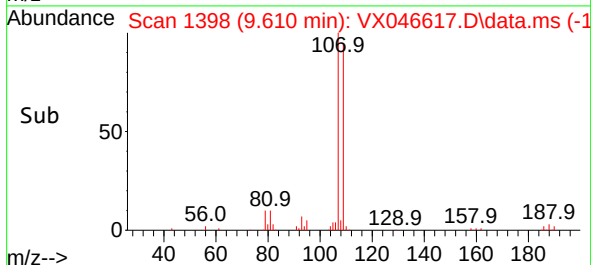
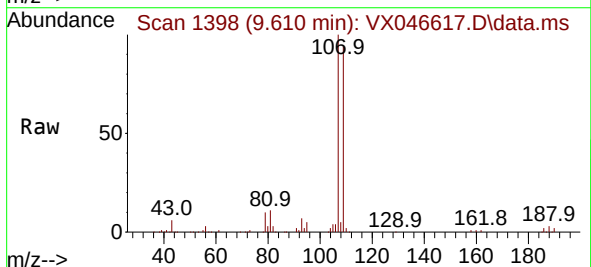
Manual Integrations
APPROVED

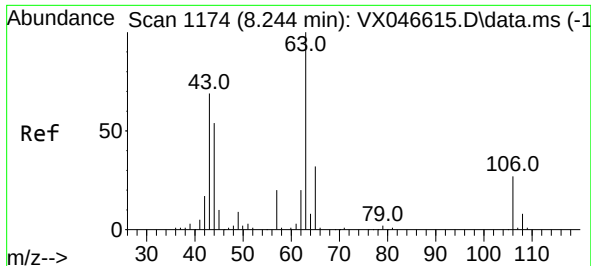
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#54
1,2-Dibromoethane
Concen: 86.355 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Tgt Ion:107 Resp: 116714
Ion Ratio Lower Upper
107 100
109 94.3 75.8 113.8





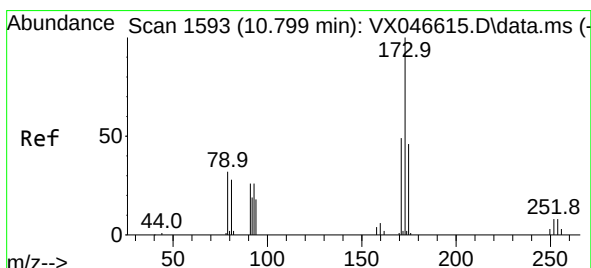
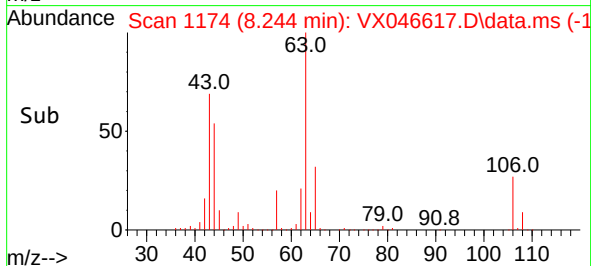
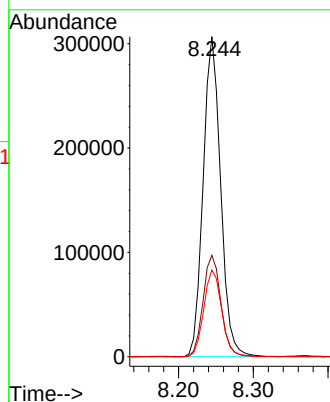
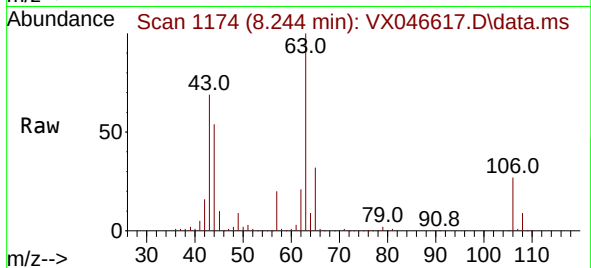
#55
2-Chloroethyl vinyl ether
Concen: 462.783 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 63 Resp: 49840
Ion Ratio Lower Upper
63 100
65 32.3 25.2 37.8
106 27.7 21.8 32.6

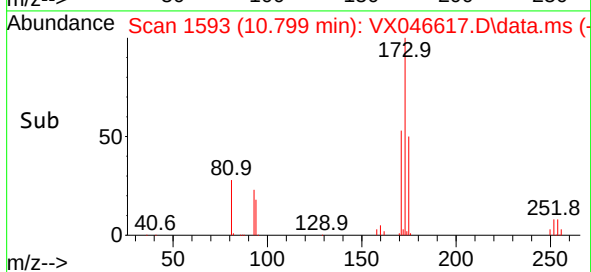
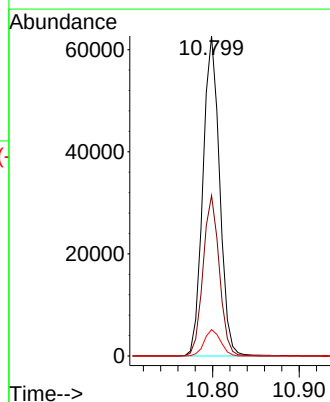
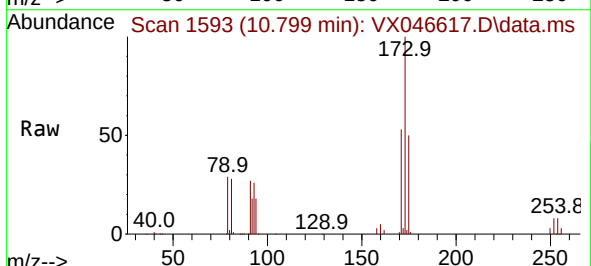
Manual Integrations
APPROVED

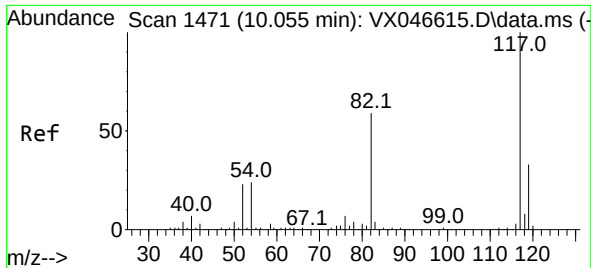
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#56
Bromoform
Concen: 89.774 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

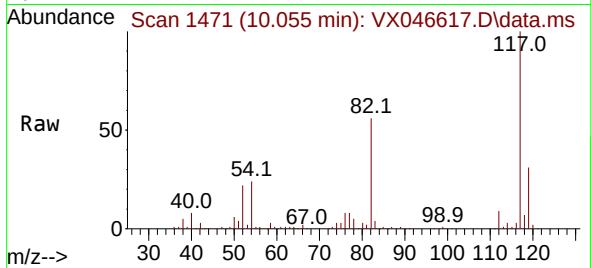
Tgt Ion:173 Resp: 83888
Ion Ratio Lower Upper
173 100
175 48.7 38.0 57.0
254 8.1 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

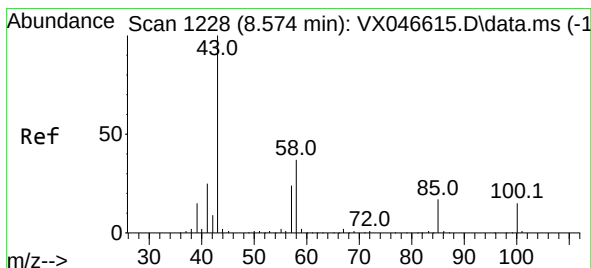
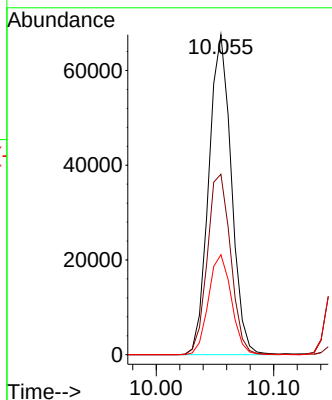
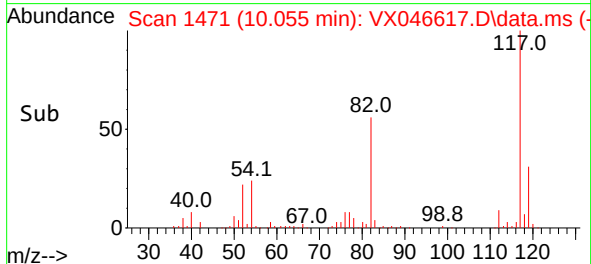
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 117 Resp: 90300
Ion Ratio Lower Upper
117 100
82 58.3 46.5 69.7
119 31.7 25.8 38.6

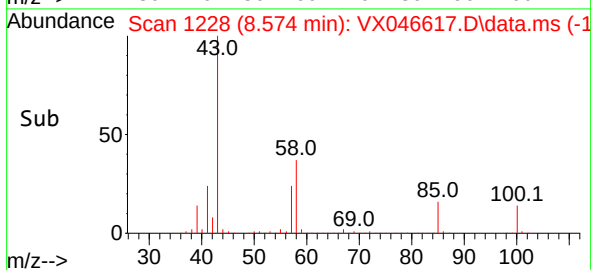
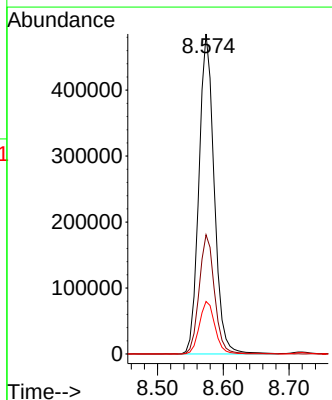
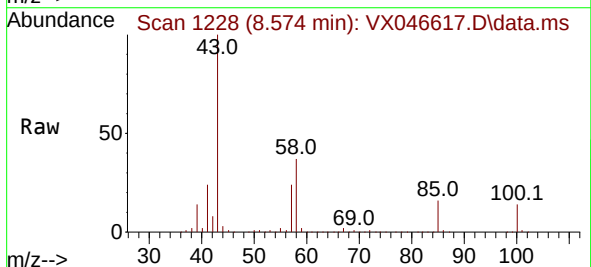
Manual Integrations
APPROVED

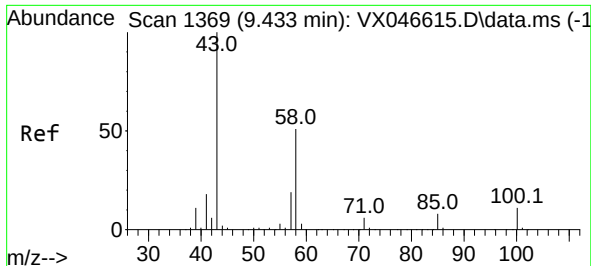
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#58
4-Methyl-2-Pentanone
Concen: 399.516 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

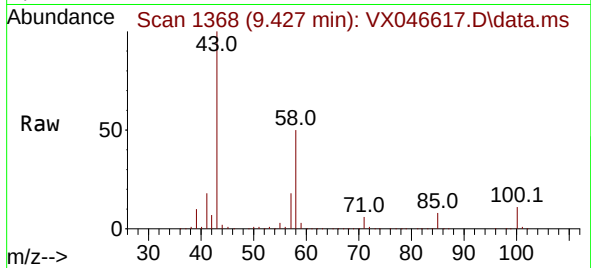
Tgt Ion: 43 Resp: 782773
Ion Ratio Lower Upper
43 100
58 37.4 29.4 44.2
85 16.7 13.3 19.9





#59
2-Hexanone
Concen: 389.020 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

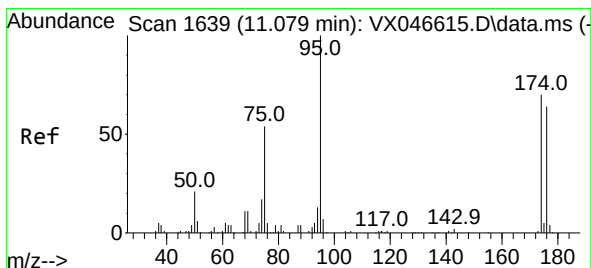
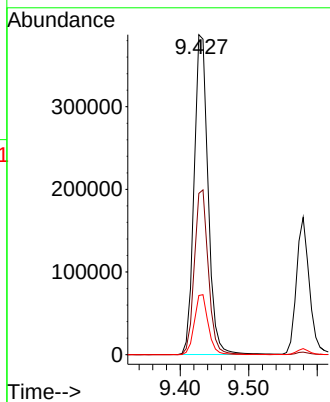
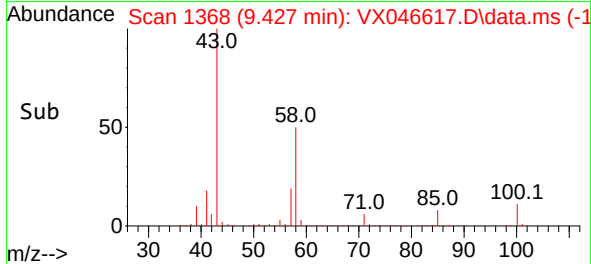
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 549770
Ion Ratio Lower Upper
43 100
58 51.6 39.8 59.8
57 18.6 14.5 21.7

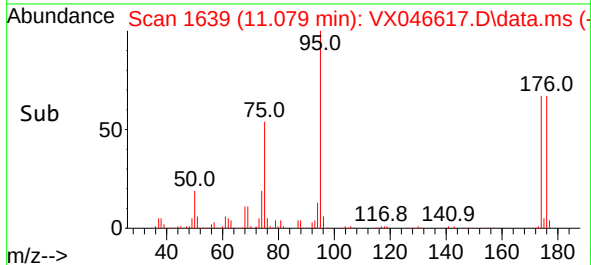
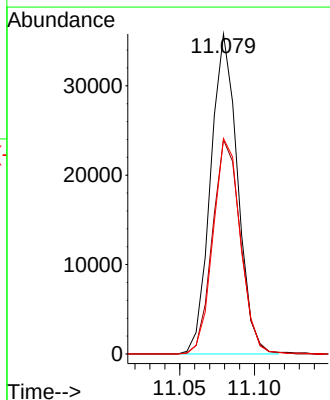
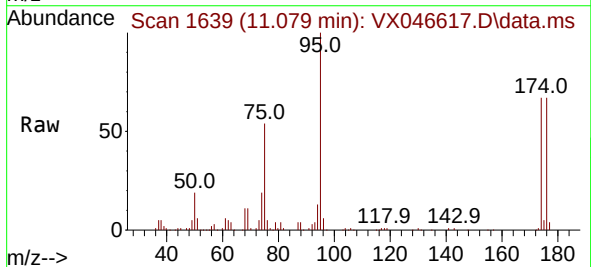
Manual Integrations
APPROVED

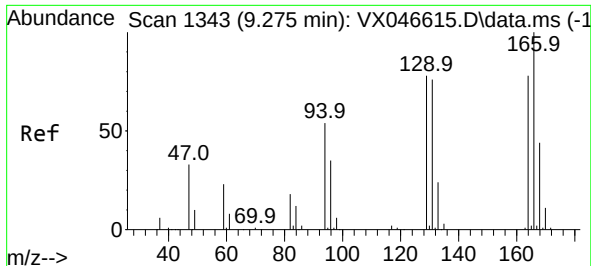
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#60
4-Bromofluorobenzene
Concen: 27.136 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

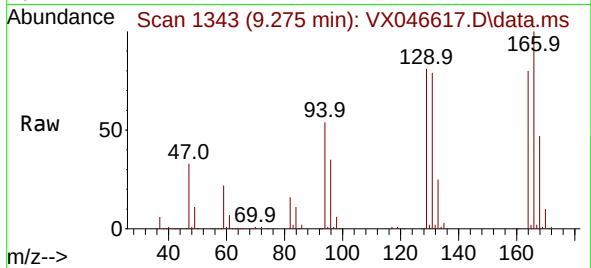
Tgt Ion: 95 Resp: 44924
Ion Ratio Lower Upper
95 100
174 69.3 56.0 84.0
176 68.0 52.2 78.4





#61
Tetrachloroethene
Concen: 85.997 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

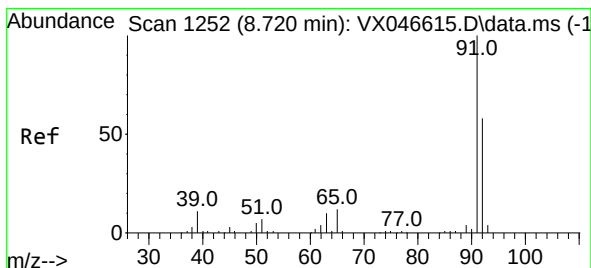
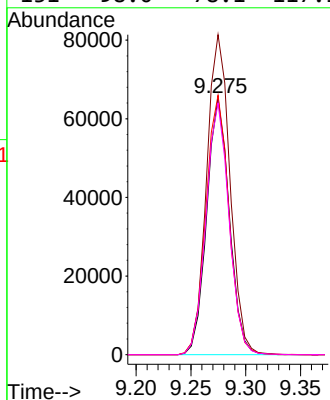
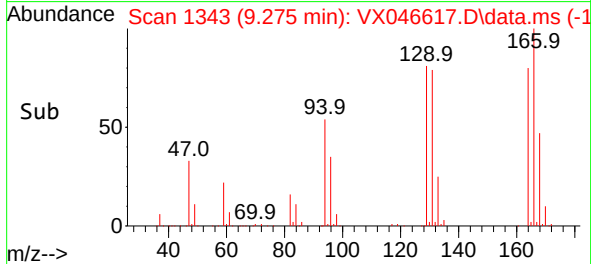
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



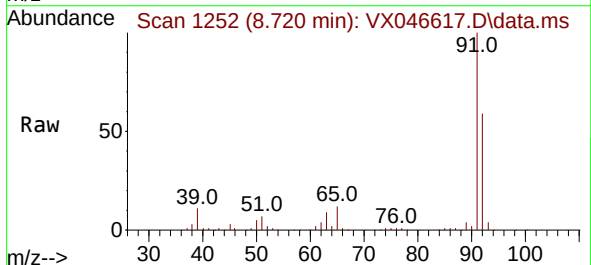
Tgt Ion:164 Resp: 93760
Ion Ratio Lower Upper
164 100
166 124.7 103.1 154.7
129 101.1 80.3 120.5
131 98.0 78.1 117.1

Manual Integrations
APPROVED

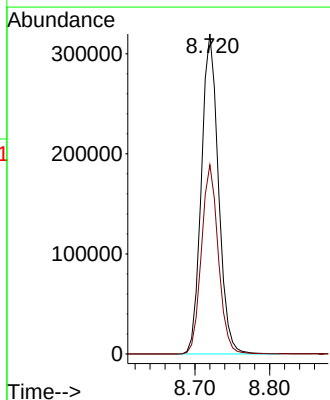
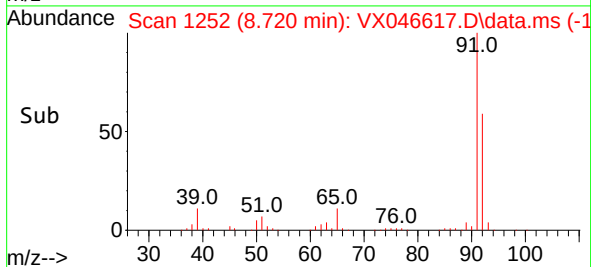
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

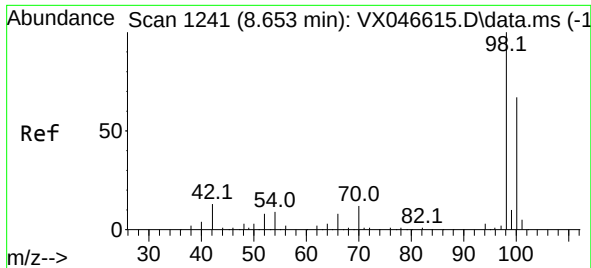


#62
Toluene
Concen: 86.377 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22



Tgt Ion: 91 Resp: 506147
Ion Ratio Lower Upper
91 100
92 58.4 46.8 70.2





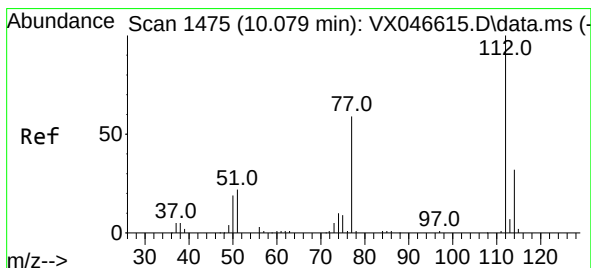
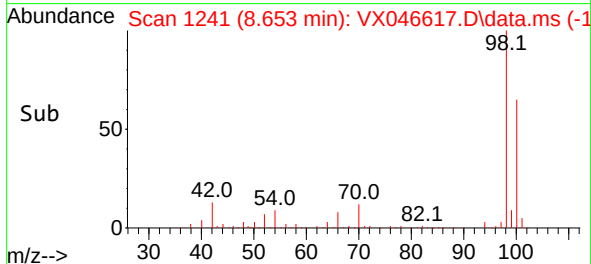
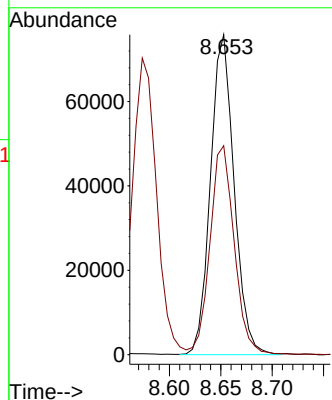
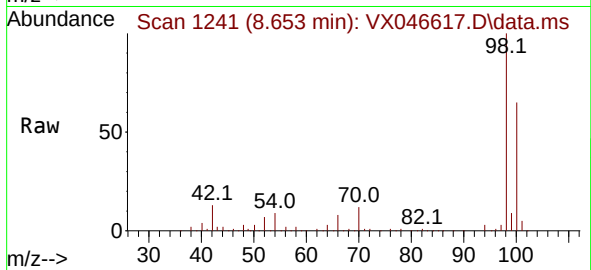
#63
Toluene-d8
Concen: 25.219 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 98 Resp: 121200
Ion Ratio Lower Upper
98 100
100 67.1 52.6 79.0

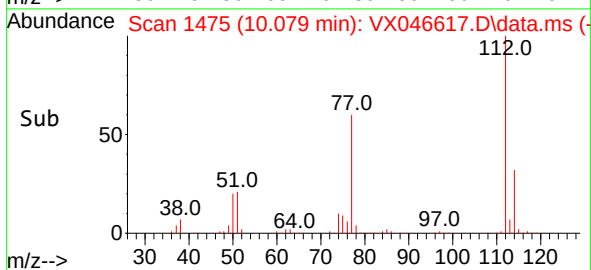
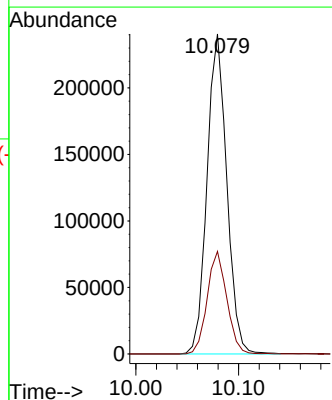
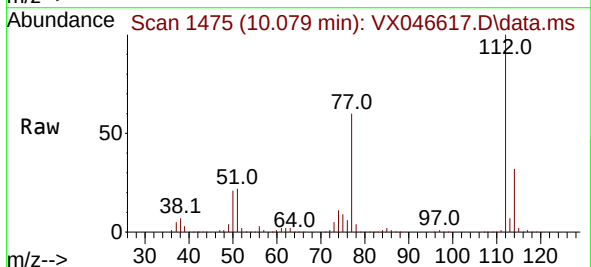
Manual Integrations
APPROVED

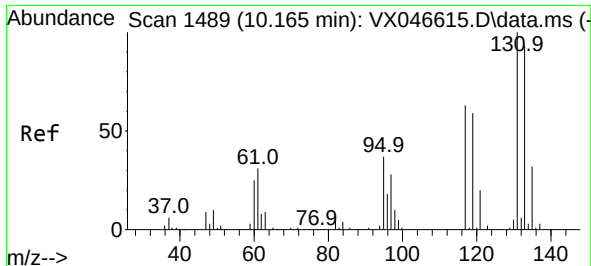
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#64
Chlorobenzene
Concen: 88.290 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

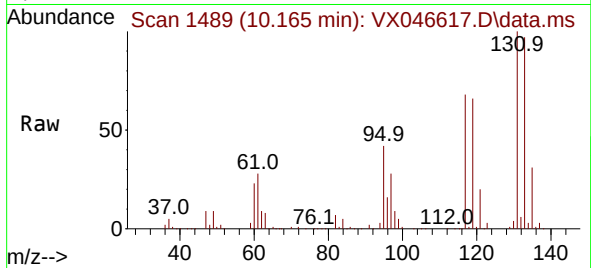
Tgt Ion:112 Resp: 321168
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0





#65
1,1,1,2-Tetrachloroethane
Concen: 91.070 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

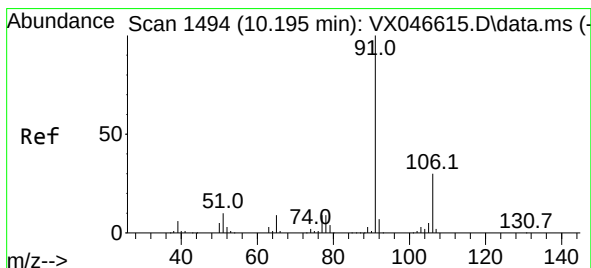
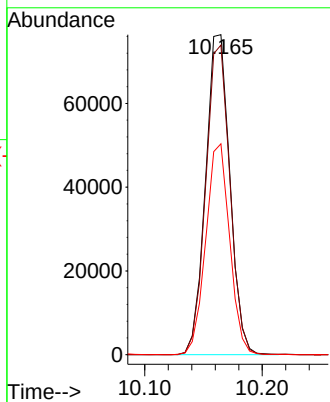
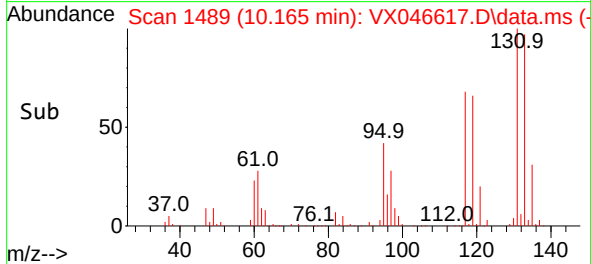
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:131 Resp: 110074
Ion Ratio Lower Upper
131 100
133 96.1 0.0 190.6
119 64.7 0.0 131.2

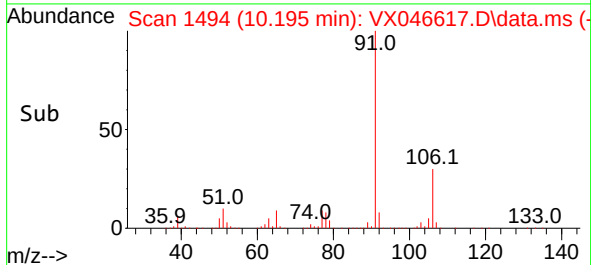
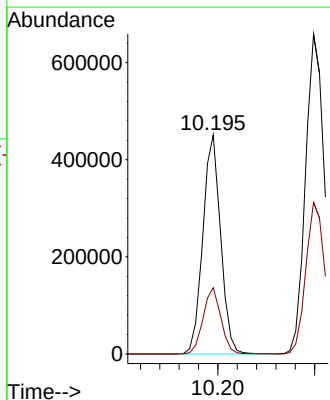
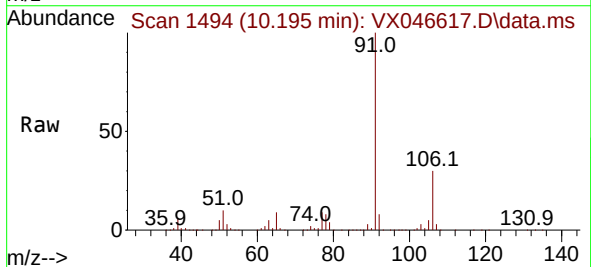
Manual Integrations
APPROVED

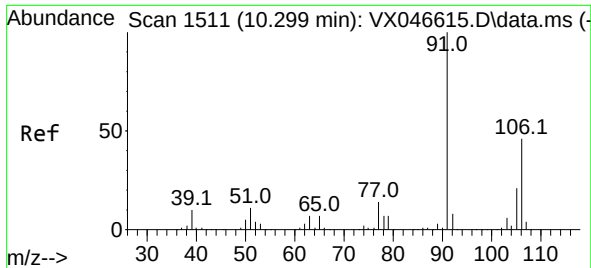
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#66
Ethyl Benzene
Concen: 89.331 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Tgt Ion: 91 Resp: 577722
Ion Ratio Lower Upper
91 100
106 30.3 23.9 35.9





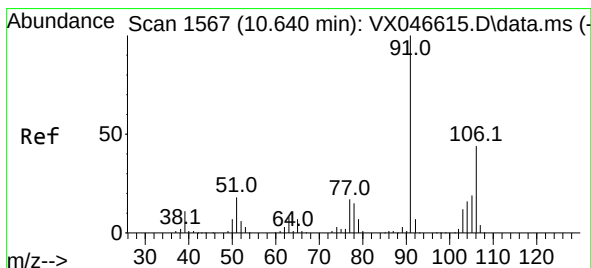
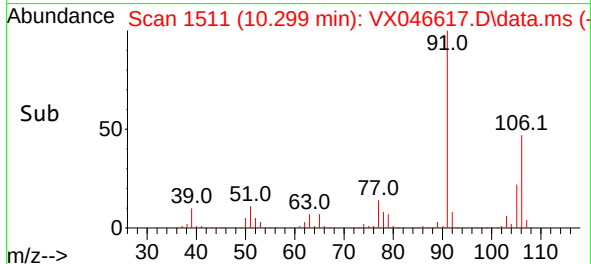
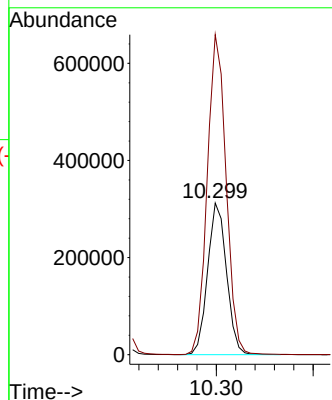
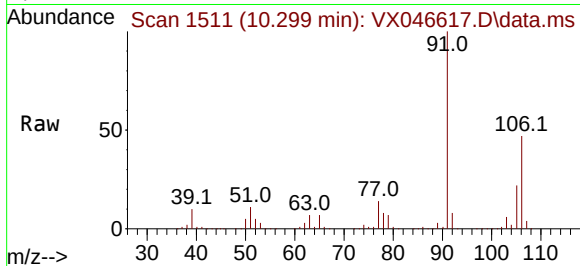
#67
m/p-Xylenes
Concen: 177.301 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 423852
Ion Ratio Lower Upper
106 100
91 210.9 171.5 257.3

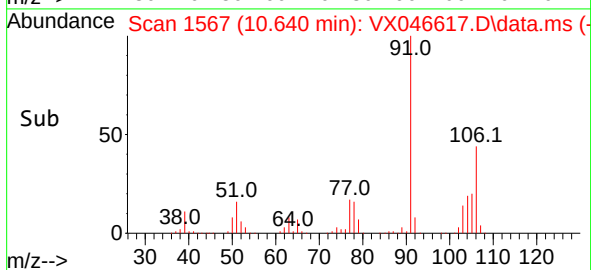
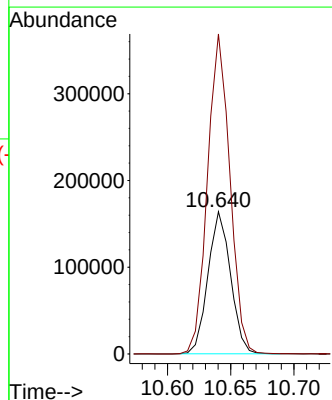
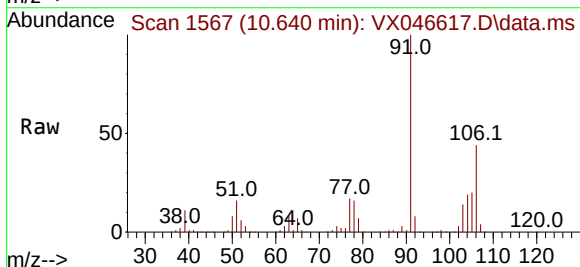
Manual Integrations
APPROVED

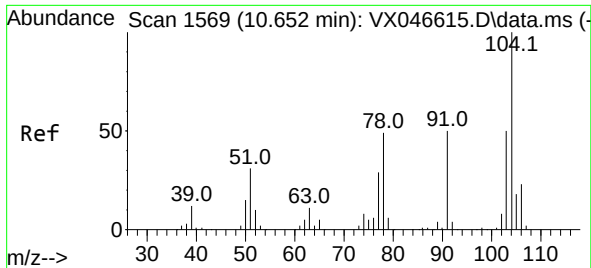
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#68
o-Xylene
Concen: 87.056 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Tgt Ion:106 Resp: 203409
Ion Ratio Lower Upper
106 100
91 223.8 112.3 336.9





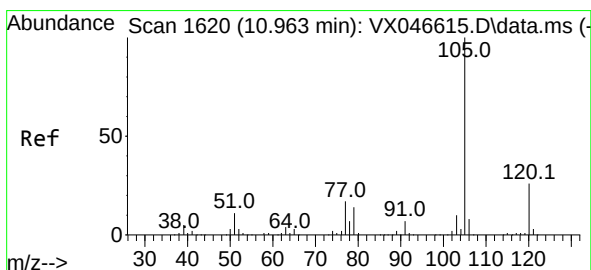
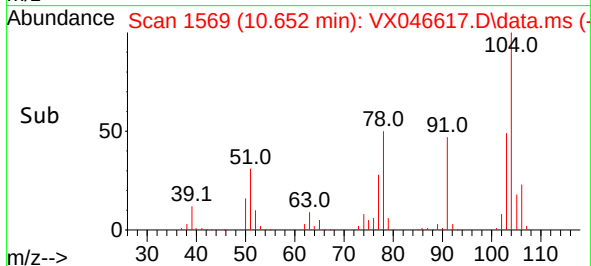
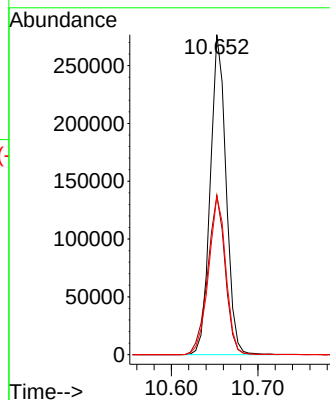
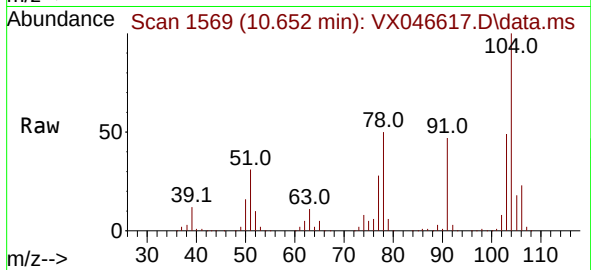
#69
Styrene
Concen: 89.064 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:104 Resp: 351137
Ion Ratio Lower Upper
104 100
78 55.1 43.1 64.7
103 54.2 42.9 64.3

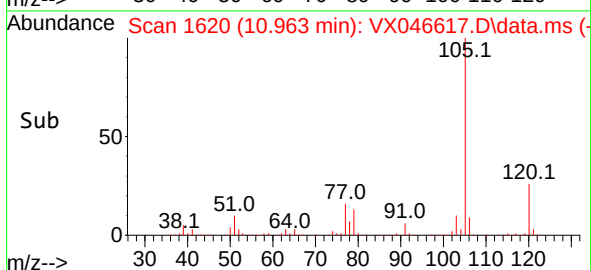
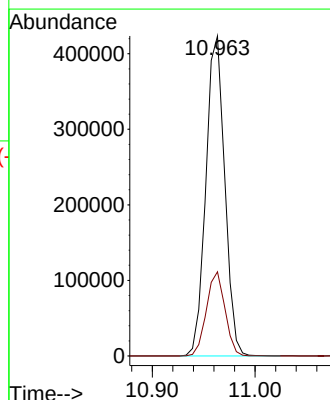
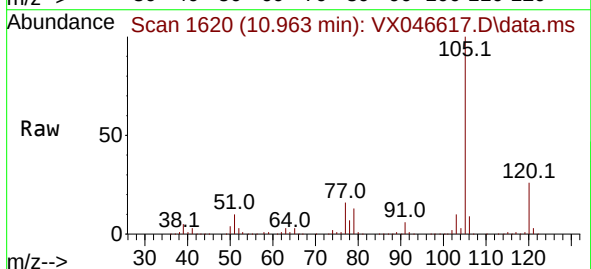
Manual Integrations
APPROVED

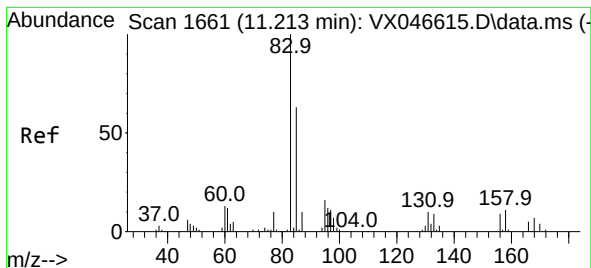
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#70
Isopropylbenzene
Concen: 88.877 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

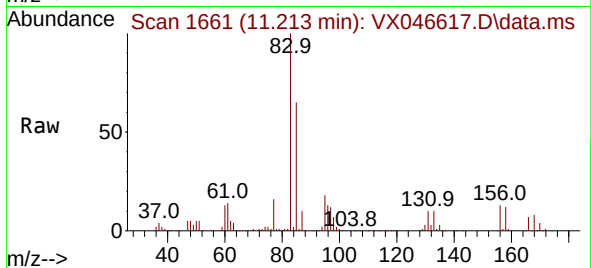
Tgt Ion:105 Resp: 540361
Ion Ratio Lower Upper
105 100
120 25.9 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 78.260 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

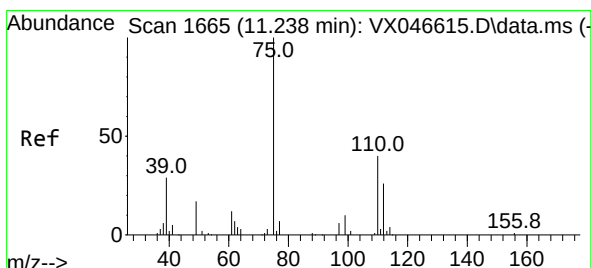
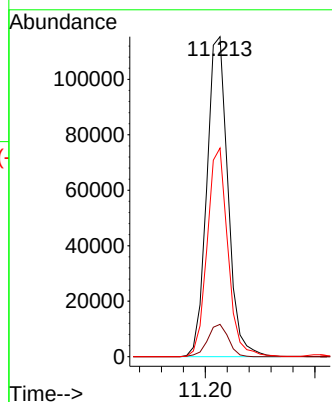
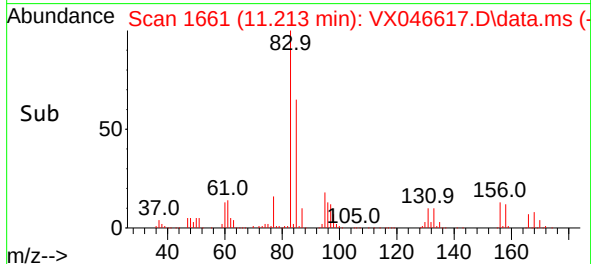
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



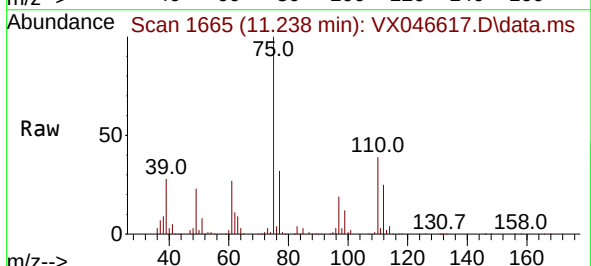
Tgt Ion: 83 Resp: 154290
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 63.8 31.5 94.5

Manual Integrations
APPROVED

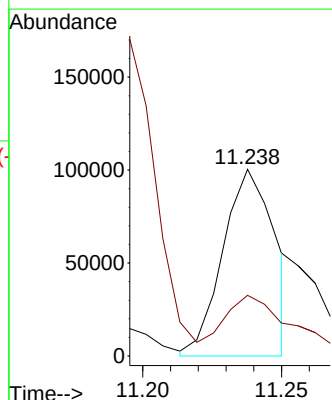
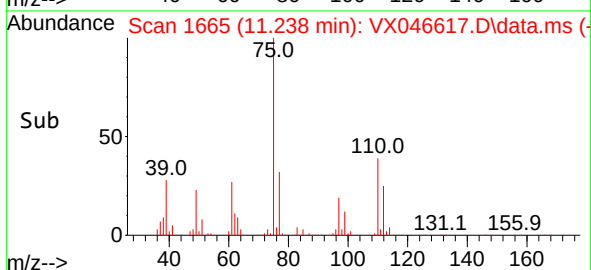
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

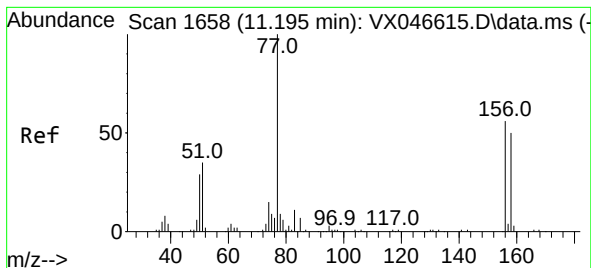


#72
1,2,3-Trichloropropane
Concen: 80.319 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22



Tgt Ion: 75 Resp: 130638
Ion Ratio Lower Upper
75 100
77 42.7 0.0 82.6





#73

Bromobenzene

Concen: 90.009 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX046617.D

Acq: 10 Jun 2025 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:156 Resp: 126288

Ion Ratio Lower Upper

156 100

77 175.7 0.0 358.6

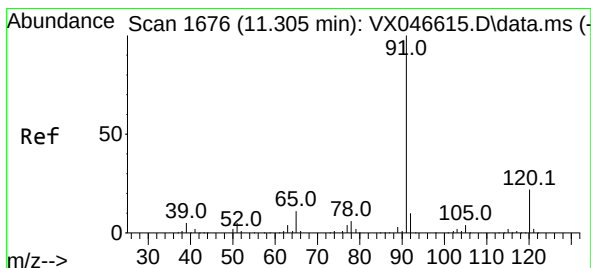
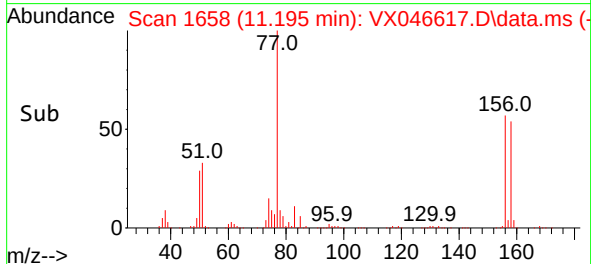
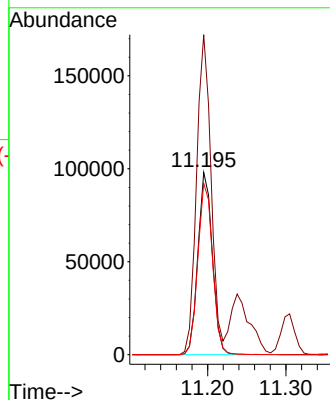
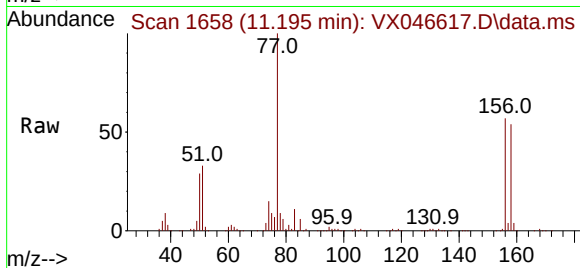
158 95.7 0.0 192.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#74

n-propylbenzene

Concen: 89.532 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX046617.D

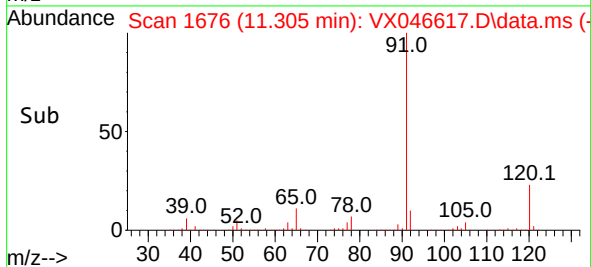
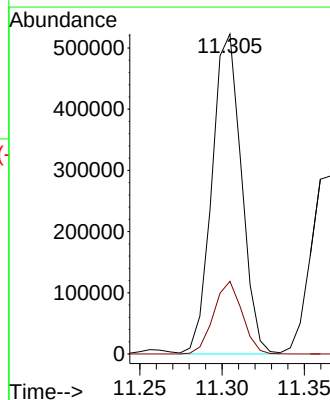
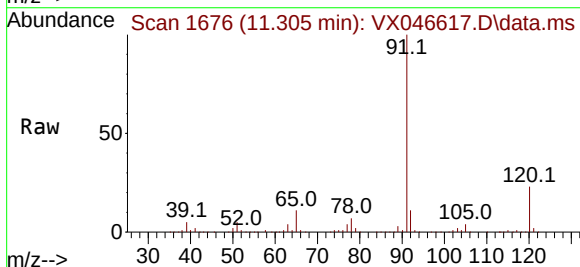
Acq: 10 Jun 2025 21:22

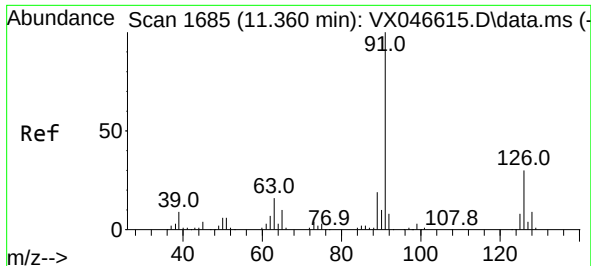
Tgt Ion: 91 Resp: 651781

Ion Ratio Lower Upper

91 100

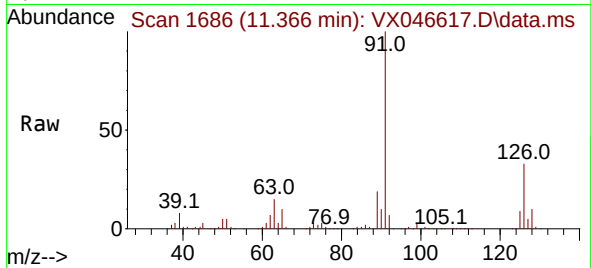
120 21.9 0.0 43.8





#75
2-Chlorotoluene
Concen: 87.839 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

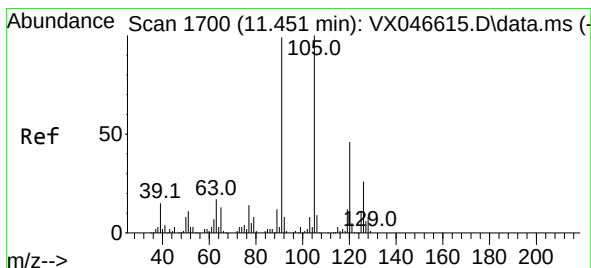
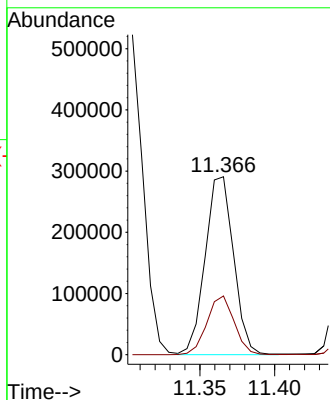
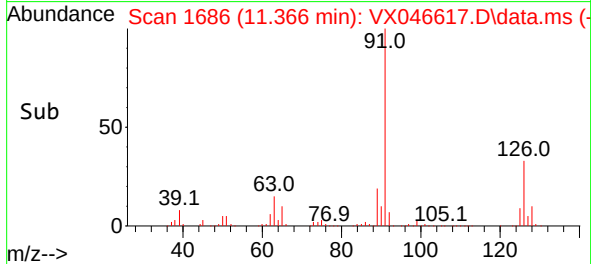
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 384860
Ion Ratio Lower Upper
91 100
126 31.6 0.0 63.0

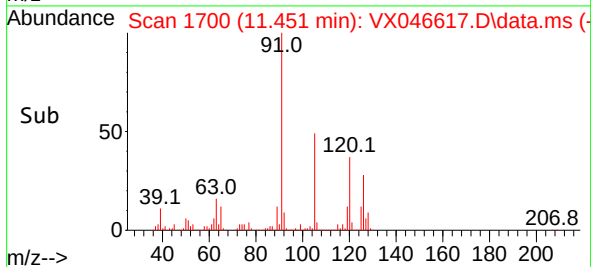
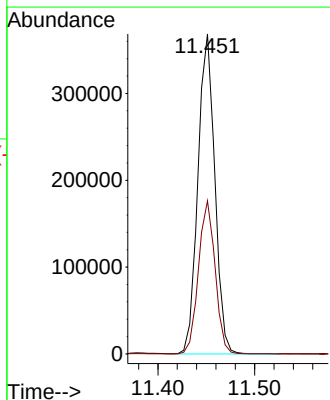
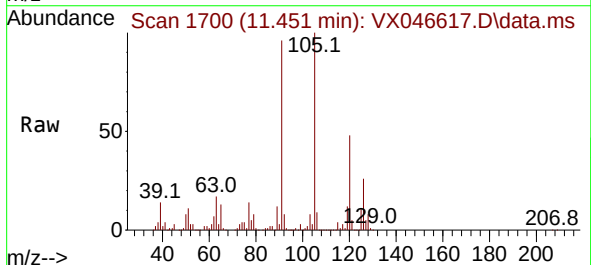
Manual Integrations
APPROVED

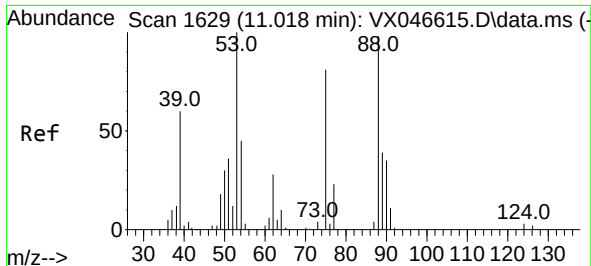
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#76
1,3,5-Trimethylbenzene
Concen: 89.103 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

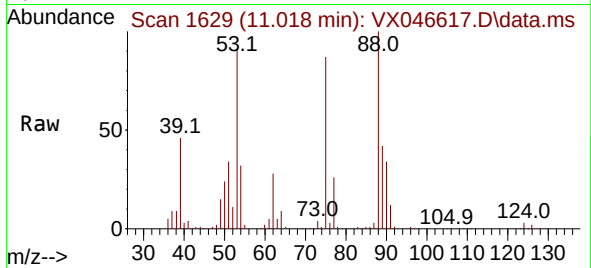
Tgt Ion:105 Resp: 448179
Ion Ratio Lower Upper
105 100
120 47.1 0.0 92.8





#77
t-1,4-Dichloro-2-butene
Concen: 89.342 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

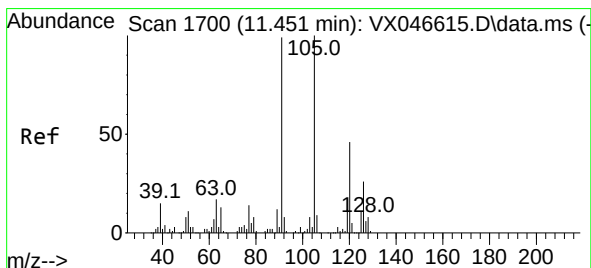
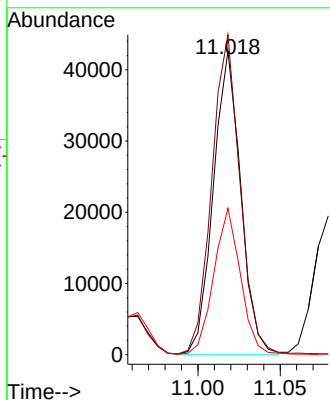
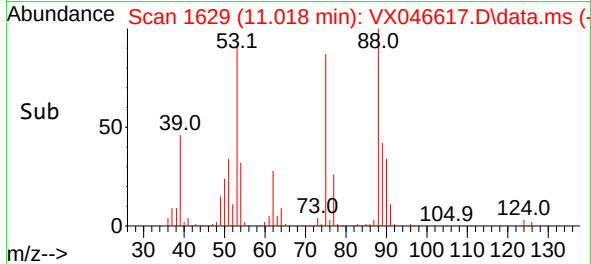
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 49424
Ion Ratio Lower Upper
75 100
53 105.3 61.9 185.7
89 48.1 24.0 72.0

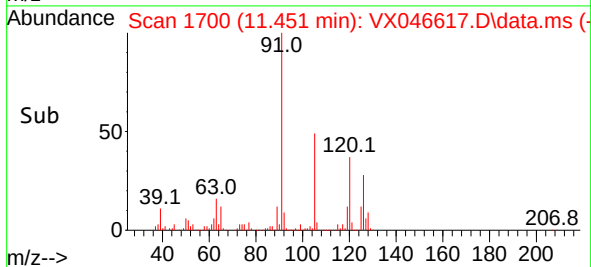
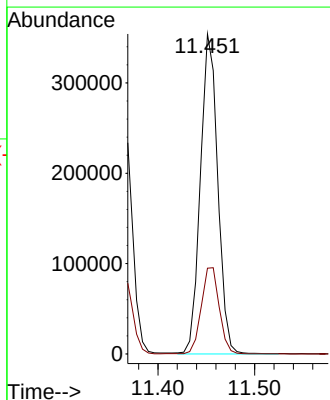
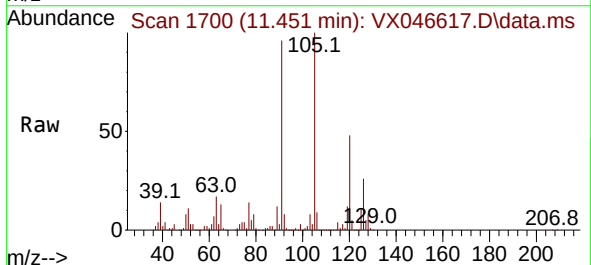
Manual Integrations
APPROVED

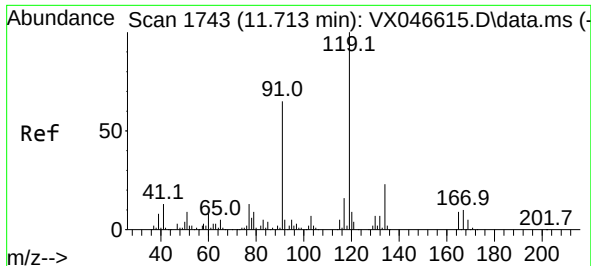
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#78
4-Chlorotoluene
Concen: 89.645 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Tgt Ion: 91 Resp: 443031
Ion Ratio Lower Upper
91 100
126 27.9 0.0 55.0





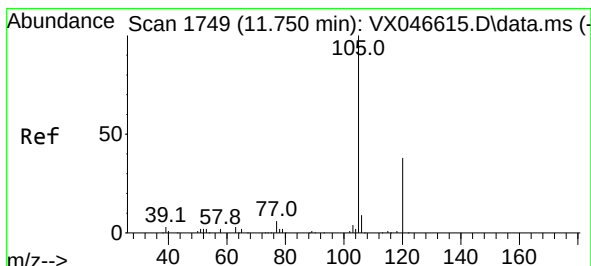
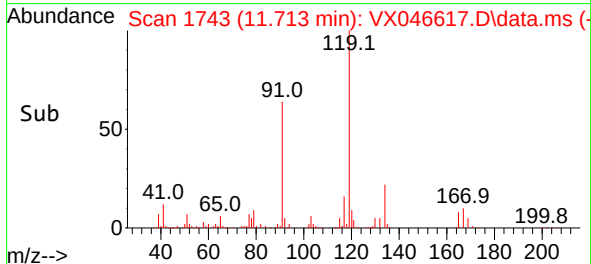
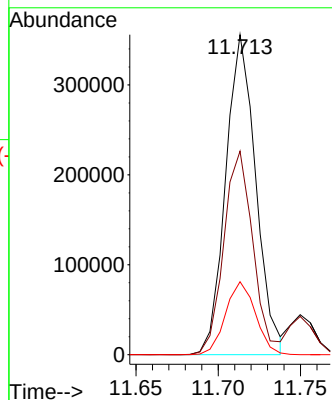
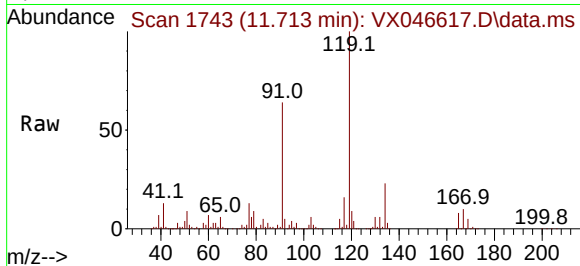
#79
tert-butylbenzene
Concen: 89.460 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:119 Resp: 45218
Ion Ratio Lower Upper
119 100
91 62.0 0.0 126.0
134 22.7 0.0 45.6

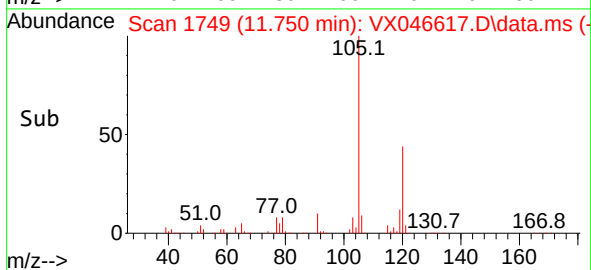
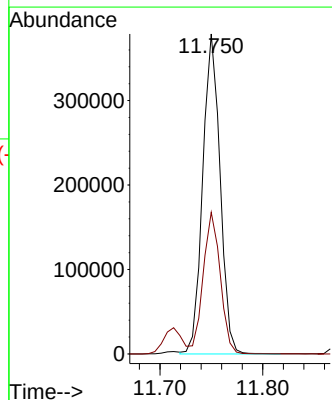
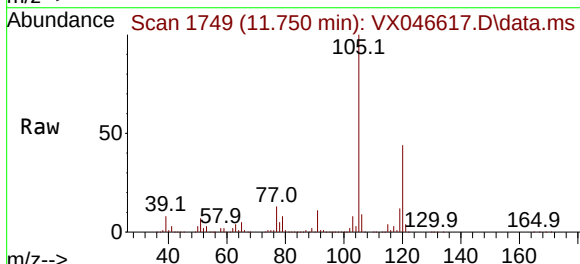
Manual Integrations
APPROVED

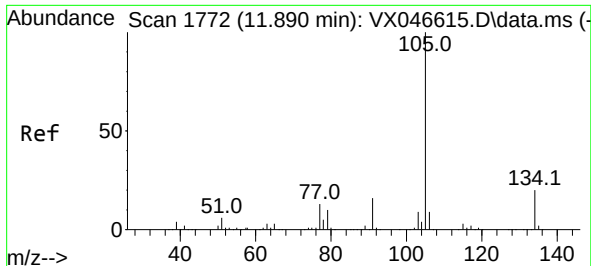
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#80
1,2,4-Trimethylbenzene
Concen: 88.856 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

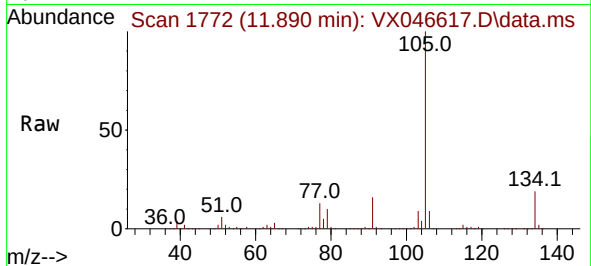
Tgt Ion:105 Resp: 446143
Ion Ratio Lower Upper
105 100
120 43.8 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 89.319 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046617.D
 Acq: 10 Jun 2025 21:22

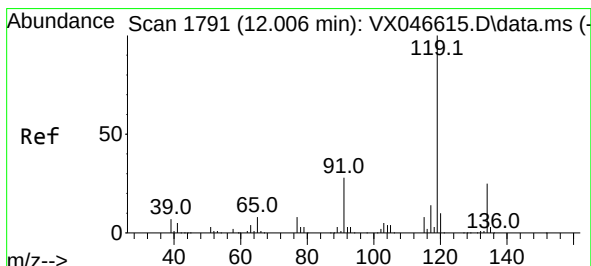
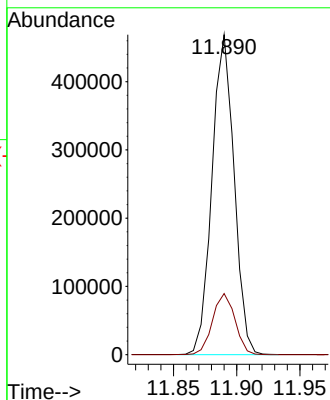
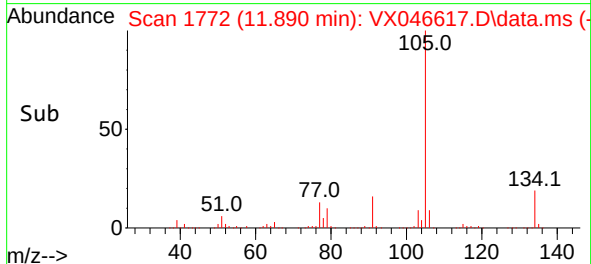
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100



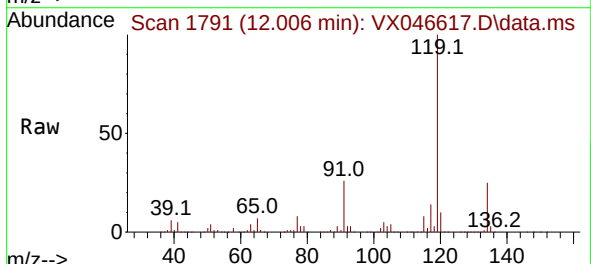
Tgt Ion:105 Resp: 569918
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 38.4

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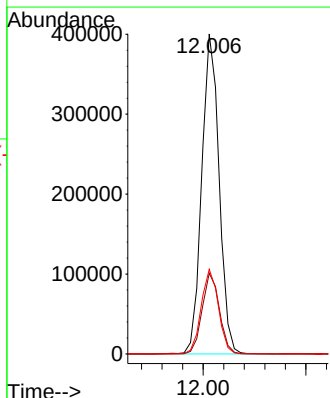
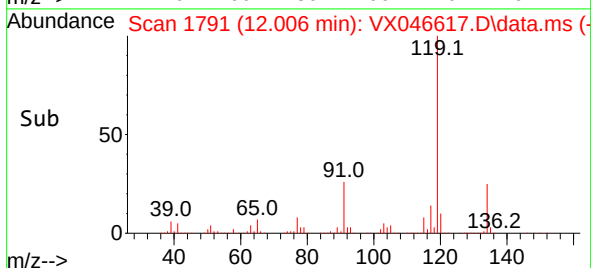
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025

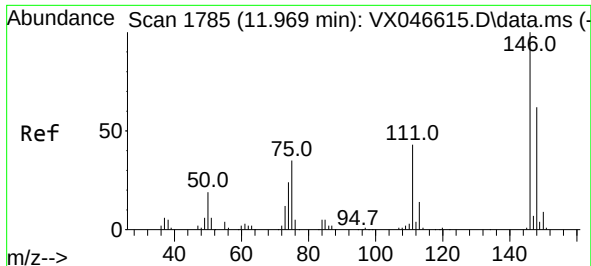


#82
 p-Isopropyltoluene
 Concen: 90.626 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046617.D
 Acq: 10 Jun 2025 21:22



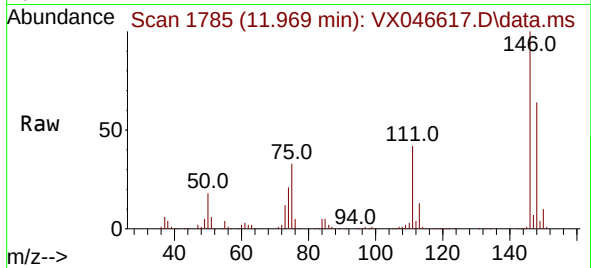
Tgt Ion:119 Resp: 470629
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 50.0
 91 26.2 0.0 54.0





#83
1,3-Dichlorobenzene
Concen: 88.341 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

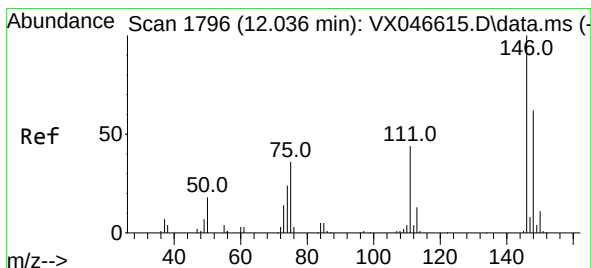
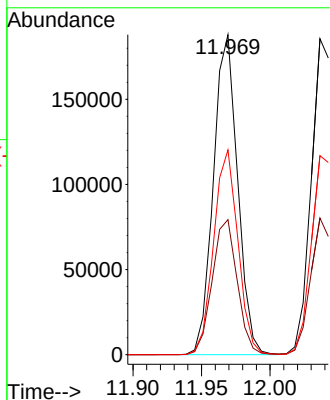
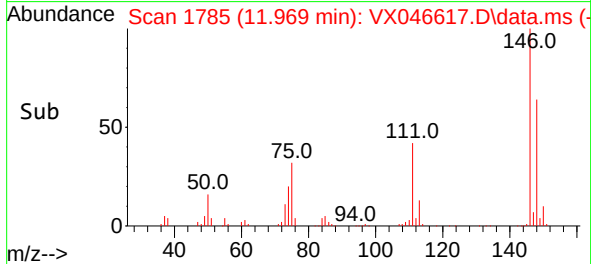
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



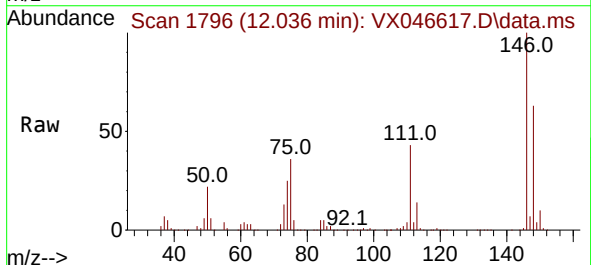
Tgt Ion:146 Resp: 231179
Ion Ratio Lower Upper
146 100
111 43.6 21.9 65.8
148 64.1 32.0 96.2

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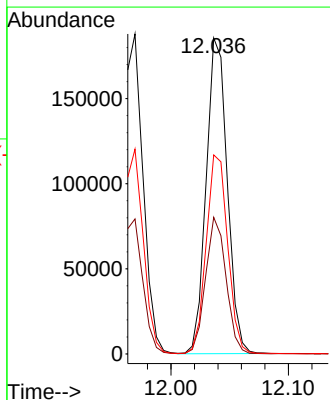
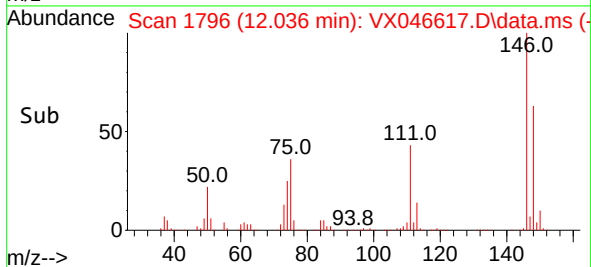
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

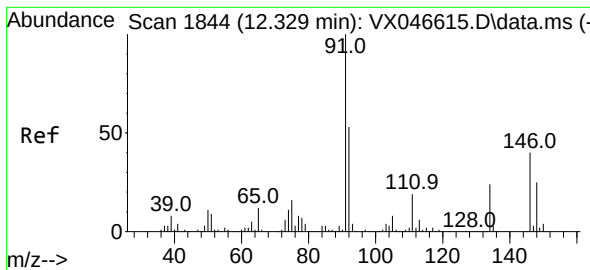


#84
1,4-Dichlorobenzene
Concen: 88.720 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22



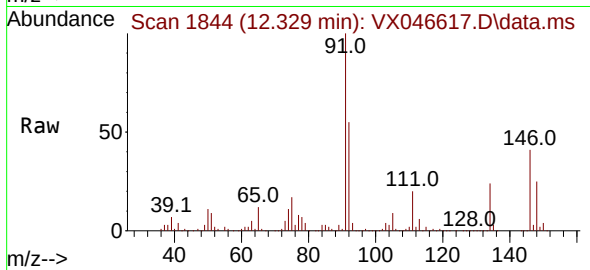
Tgt Ion:146 Resp: 230534
Ion Ratio Lower Upper
146 100
111 42.4 21.3 63.7
148 64.8 31.4 94.3





#85
n-Butylbenzene
Concen: 93.511 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

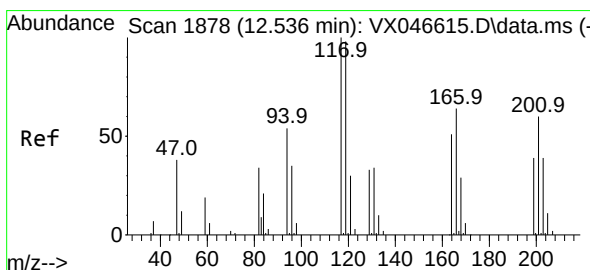
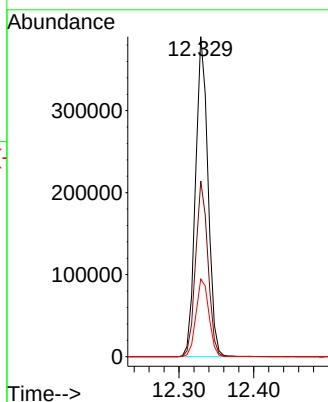
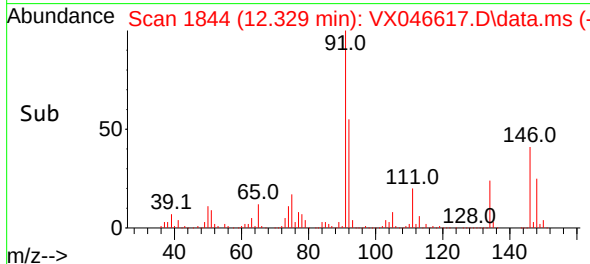
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 45105
Ion Ratio Lower Upper
91 100
92 54.3 0.0 106.4
134 25.2 0.0 48.8

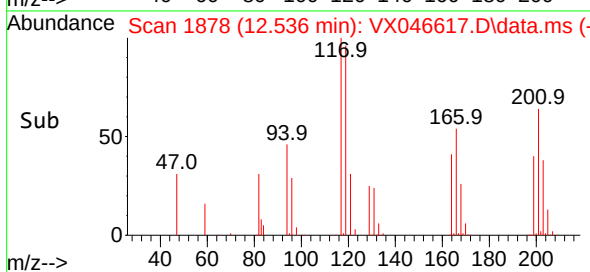
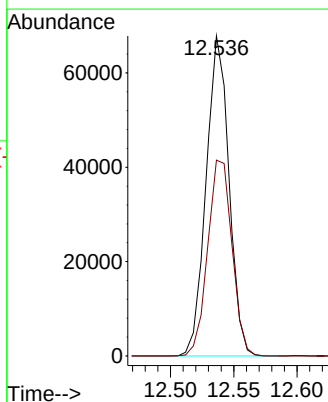
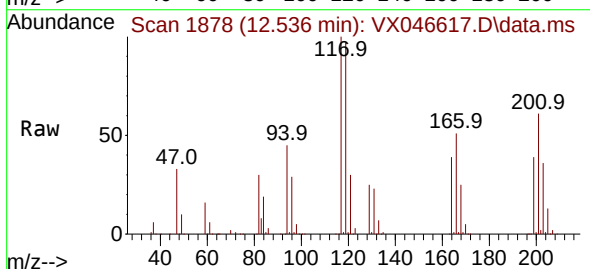
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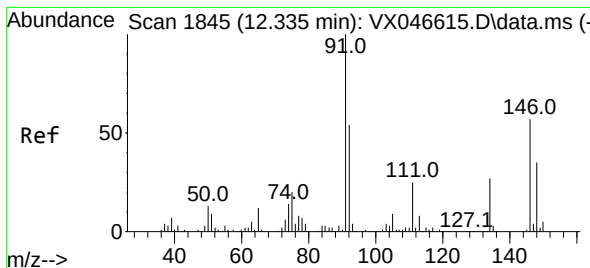
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#86
Hexachloroethane
Concen: 92.816 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

Tgt Ion:117 Resp: 85307
Ion Ratio Lower Upper
117 100
201 65.1 31.7 95.1





#87

1,2-Dichlorobenzene

Concen: 87.133 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX046617.D

Acq: 10 Jun 2025 21:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:146 Resp: 222638

Ion Ratio Lower Upper

146 100

111 44.9 22.9 68.5

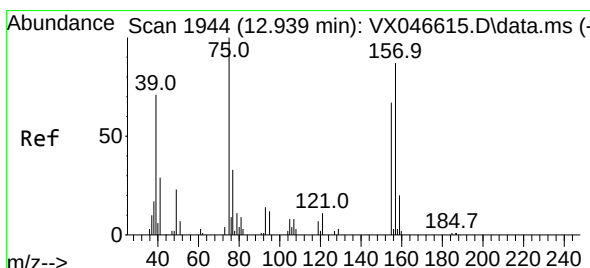
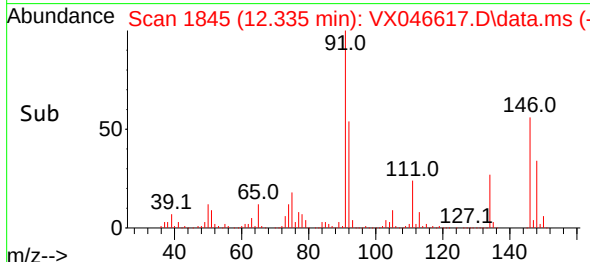
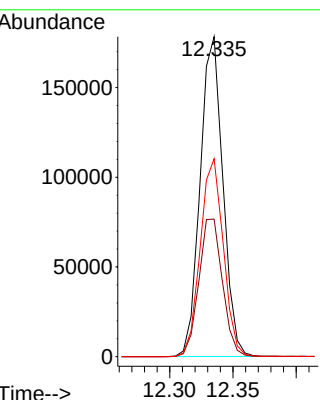
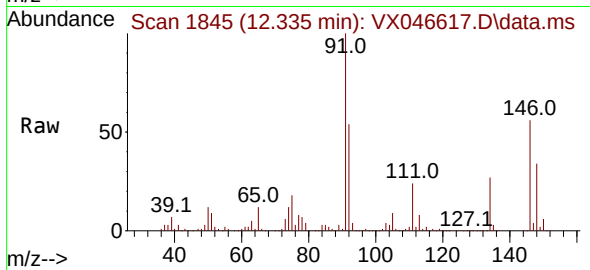
148 62.8 31.6 94.8

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: 90.153 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VX046617.D

Acq: 10 Jun 2025 21:22

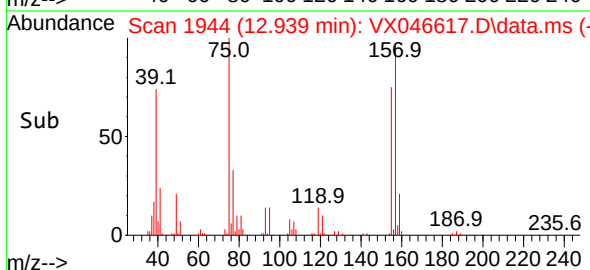
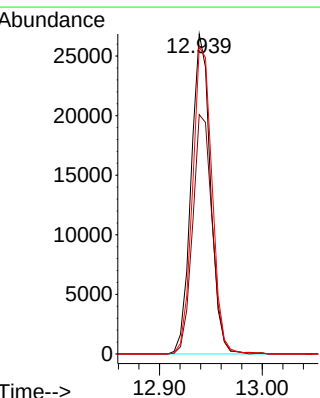
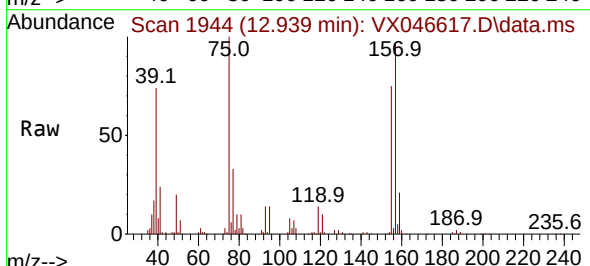
Tgt Ion: 75 Resp: 34992

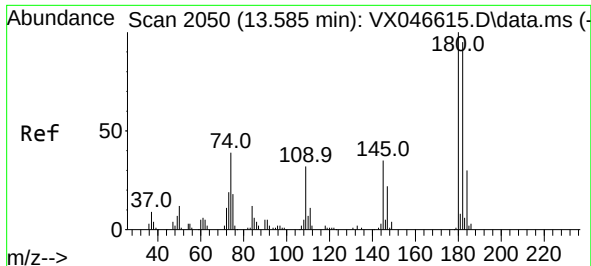
Ion Ratio Lower Upper

75 100

155 75.7 59.4 89.2

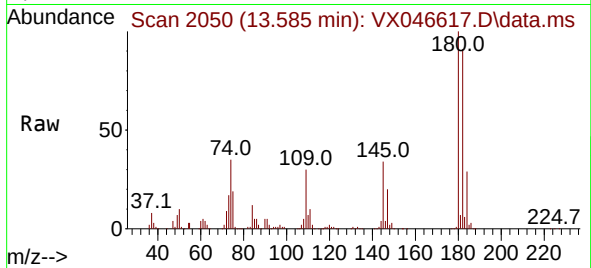
157 97.2 75.0 112.6





#89
1,2,4-Trichlorobenzene
Concen: 97.801 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

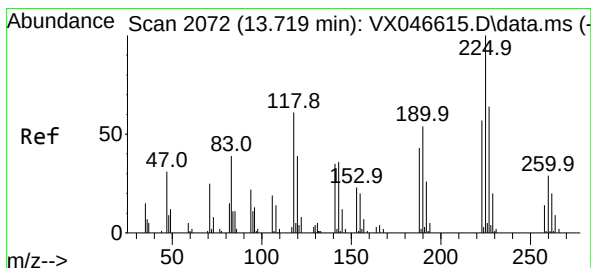
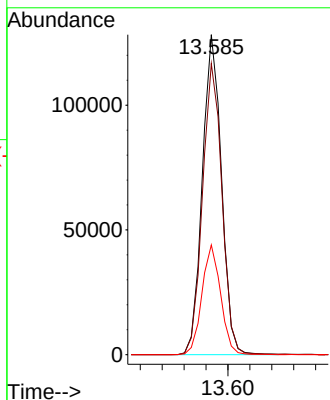
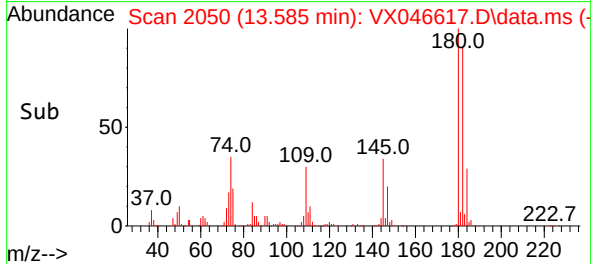
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:180 Resp: 155404
Ion Ratio Lower Upper
180 100
182 92.2 75.0 112.6
145 33.5 27.4 41.0

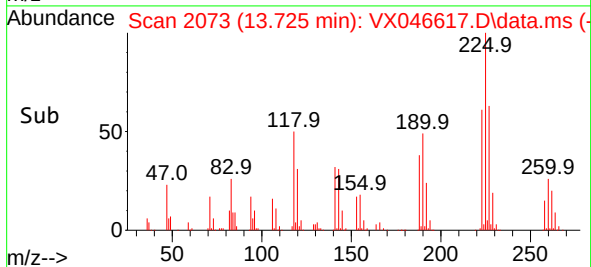
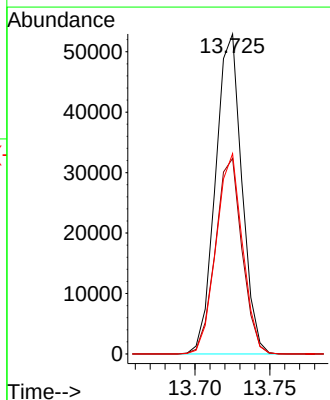
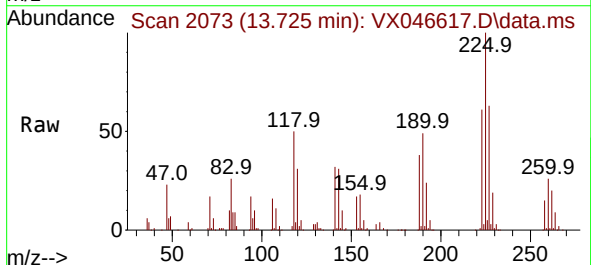
Manual Integrations
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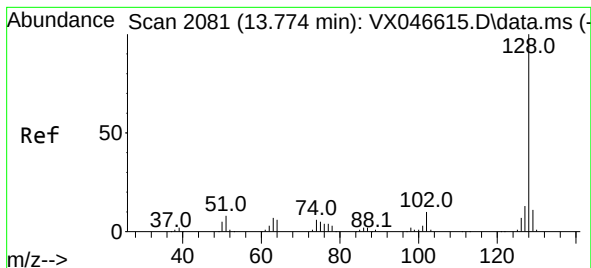
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#90
Hexachlorobutadiene
Concen: 99.325 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

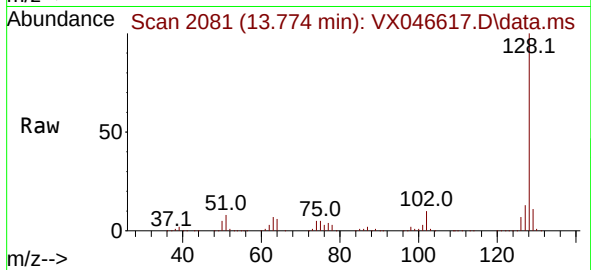
Tgt Ion:225 Resp: 64850
Ion Ratio Lower Upper
225 100
223 62.1 0.0 126.4
227 62.7 0.0 131.4





#91
Naphthalene
Concen: 91.055 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22

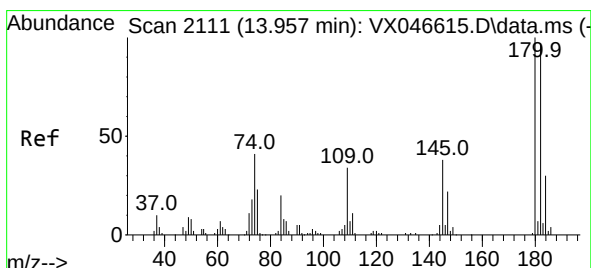
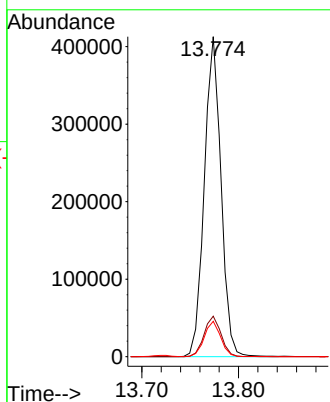
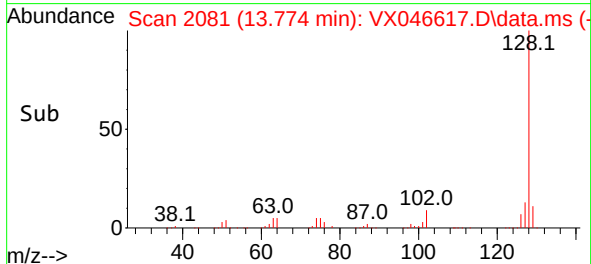
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



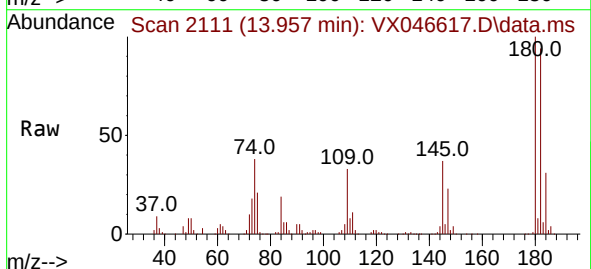
Tgt Ion:128 Resp: 496410
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.8 13.2

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



#92
1,2,3-Trichlorobenzene
Concen: 94.037 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046617.D
Acq: 10 Jun 2025 21:22



Tgt Ion:180 Resp: 151656
Ion Ratio Lower Upper
180 100
182 94.7 0.0 190.2
145 35.9 0.0 71.8

