

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
 Data File : VX046626.D
 Acq On : 11 Jun 2025 01:16
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

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

Quant Time: Jun 11 06:53:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 06:20:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.910	128	19228	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	102449	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	91866	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	47446	30.483	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.600%			
60) 4-Bromofluorobenzene	11.079	95	47375	30.595	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 102.000%			
63) Toluene-d8	8.647	98	125975	30.700	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 102.333%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	23158	18.525	ug/l	94
3) Chloromethane	1.307	50	22858	17.747	ug/l	94
4) Vinyl Chloride	1.386	62	22674	18.261	ug/l #	57
5) Bromomethane	1.624	94	8749	11.798	ug/l	94
6) Chloroethane	1.703	64	11031	15.464	ug/l	100
7) Trichlorofluoromethane	1.904	101	32519	18.285	ug/l	99
8) Diethyl Ether	2.148	74	11616	18.641	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	21742	18.374	ug/l	99
10) 1,1-Dichloroethene	2.337	96	21137	18.415	ug/l	95
11) Methyl Iodide	2.471	142	21851	13.963	ug/l	95
12) Methyl Acetate	2.715	43	26565	18.361	ug/l	94
13) Acrolein	2.246	56	14427	101.760	ug/l	100
14) Acrylonitrile	3.075	53	55472	93.297	ug/l	97
15) Acetone	2.386	58	13374	98.367	ug/l	94
16) Carbon Disulfide	2.526	76	62850	19.736	ug/l	100
17) Allyl chloride	2.678	41	38368	18.423	ug/l	97
18) Methylene Chloride	2.806	84	23594	18.625	ug/l	97
19) trans-1,2-Dichloroethene	3.105	96	21888	18.401	ug/l	99
20) Diisopropyl ether	3.776	45	77249	19.606	ug/l	98
21) 1,1-Dichloroethane	3.623	63	42853	18.983	ug/l	98
22) cis-1,2-Dichloroethene	4.501	96	25820	18.619	ug/l	98
23) tert-Butyl Alcohol	2.959	59	12036	100.227	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	68142	19.434	ug/l	99
25) Chloroform	5.105	83	45394	19.536	ug/l	98
26) Cyclohexane	5.489	56	38597	18.739	ug/l #	100
29) 1,1-Dichloropropene	5.708	75	29640	18.388	ug/l	96
30) 2-Butanone	4.568	43	70140	97.657	ug/l	98
31) 2,2-Dichloropropane	4.489	77	23631	16.514	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	38413	19.287	ug/l	98
33) Carbon Tetrachloride	5.690	117	33678	19.053	ug/l	98
34) Benzene	6.050	78	92063	19.440	ug/l	97
35) Methacrylonitrile	4.940	41	17205	19.535	ug/l	92
36) 1,2-Dichloroethane	6.092	62	34778	19.410	ug/l	99
37) Trichloroethene	7.135	130	22526	18.955	ug/l	87
38) Methylcyclohexane	7.385	83	38615	18.873	ug/l	96
39) 1,2-Dichloropropane	7.434	63	22891	19.377	ug/l #	89
40) Dibromomethane	7.586	93	17195	19.470	ug/l	99
41) Bromodichloromethane	7.824	83	33741	18.753	ug/l #	90
42) Vinyl Acetate	3.733	43	298823	96.420	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.733	43	28594m	18.794	ug/l	
44) Isopropyl Acetate	6.349	43	45841	19.263	ug/l	99
45) 1,4-Dioxane	7.665	88	6024	401.305	ug/l	96
46) Methyl methacrylate	7.702	41	24809	19.093	ug/l	97
47) n-amyl Acetate	10.842	43	41964	19.714	ug/l	100
48) t-1,3-Dichloropropene	8.982	75	29226	18.120	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	33012	18.332	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	21377	19.206	ug/l	96
51) Ethyl methacrylate	9.116	69	31850	18.819	ug/l	98
52) 1,3-Dichloropropane	9.311	76	37994	19.597	ug/l	99
53) Dibromochloromethane	9.519	129	25018	19.070	ug/l	98
54) 1,2-Dibromoethane	9.610	107	21861	18.672	ug/l	98
55) 2-Chloroethyl vinyl ether	8.245	63	88617	100.259	ug/l	100
56) Bromoform	10.799	173	15155	18.693	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	150631	100.804	ug/l	98
59) 2-Hexanone	9.433	43	104811	99.425	ug/l	99
61) Tetrachloroethene	9.275	164	18357	19.067	ug/l	100
62) Toluene	8.720	91	98221	19.729	ug/l	100
64) Chlorobenzene	10.080	112	62033	19.318	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.165	131	20903	19.423	ug/l	99
66) Ethyl Benzene	10.195	91	110127	19.373	ug/l	98
67) m/p-Xylenes	10.299	106	83016	39.482	ug/l	100
68) o-Xylene	10.640	106	40098	19.806	ug/l	99
69) Styrene	10.653	104	67393	19.421	ug/l	98
70) Isopropylbenzene	10.964	105	107291	19.748	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	31409	19.680	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	25928m	19.460	ug/l	
73) Bromobenzene	11.195	156	24970	19.607	ug/l	100
74) n-propylbenzene	11.305	91	128189	19.732	ug/l	99
75) 2-Chlorotoluene	11.360	91	77521	19.932	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	90121	19.964	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	8004	17.783	ug/l	91
78) 4-Chlorotoluene	11.451	91	90517	20.116	ug/l	99
79) tert-butylbenzene	11.713	119	88296	19.613	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	89109	19.988	ug/l	99
81) sec-Butylbenzene	11.890	105	113739	19.743	ug/l	100
82) p-Isopropyltoluene	12.006	119	94709	20.030	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	47111	19.873	ug/l	99
84) 1,4-Dichlorobenzene	12.037	146	47372	19.871	ug/l	98
85) n-Butylbenzene	12.329	91	88396	19.406	ug/l	100
86) Hexachloroethane	12.536	117	15414	18.771	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	45082	19.767	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	6233	18.932	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	29340	19.513	ug/l	99
90) Hexachlorobutadiene	13.725	225	12366	18.678	ug/l	98
91) Naphthalene	13.774	128	92211	19.330	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	29275	19.836	ug/l	99

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

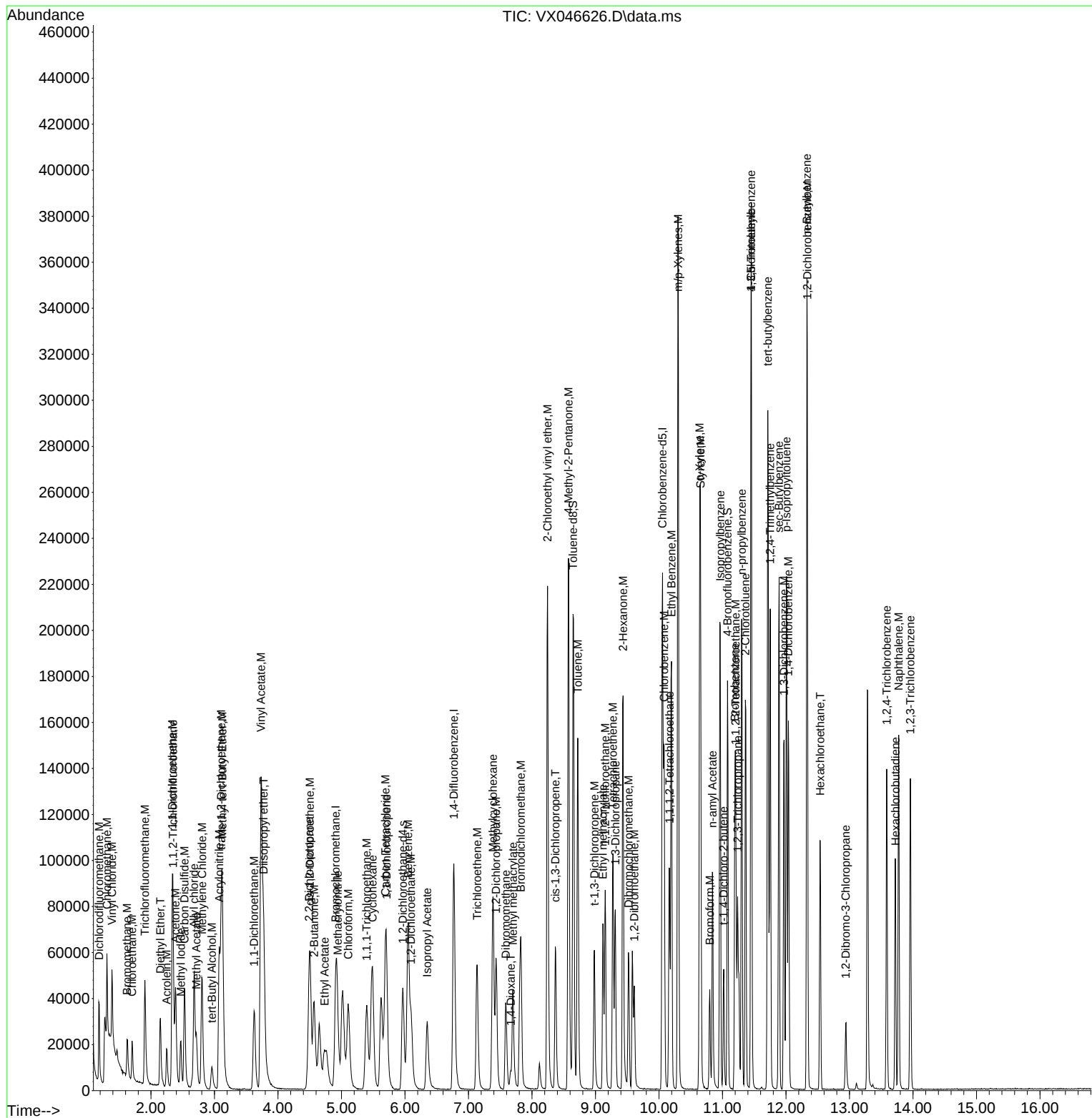
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
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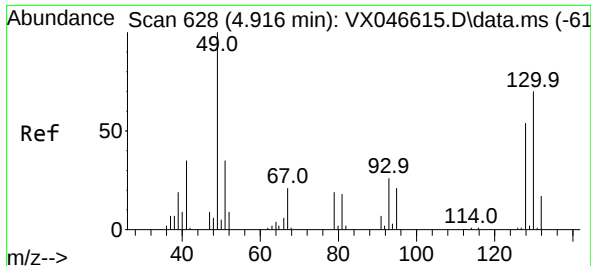
Instrument :
MSVOA_X
ClientSampleId :
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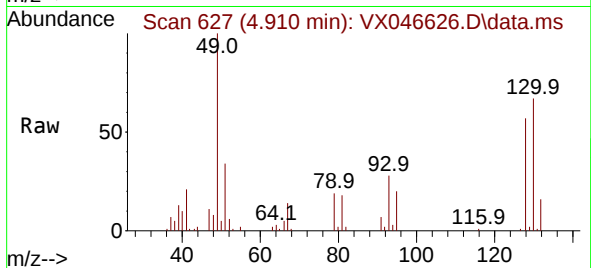
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

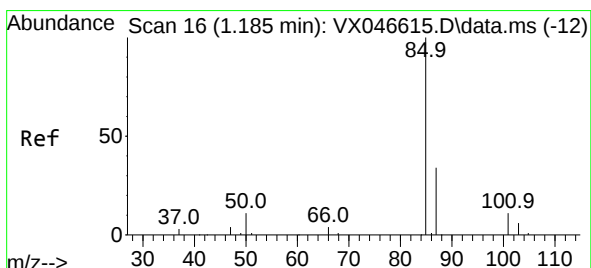
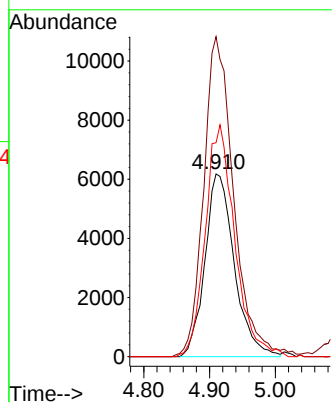
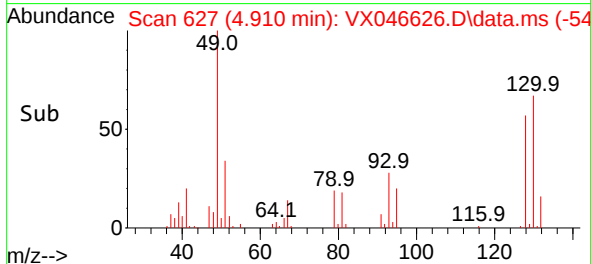
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 19228
Ion Ratio Lower Upper
128 100
49 177.3 0.0 448.3
130 126.3 0.0 312.0

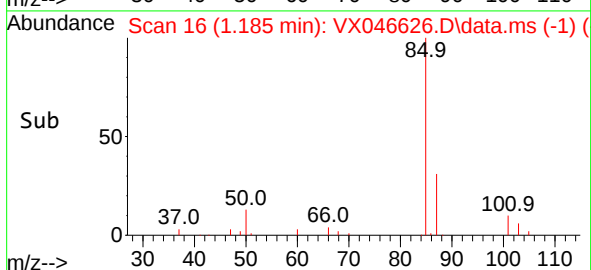
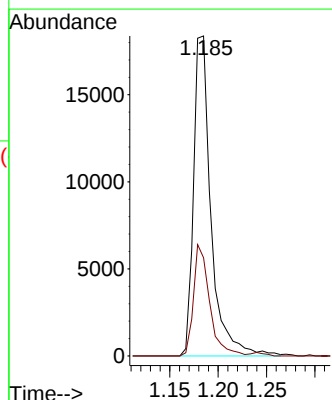
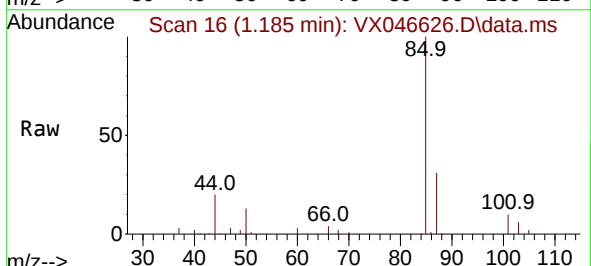
Manual Integrations
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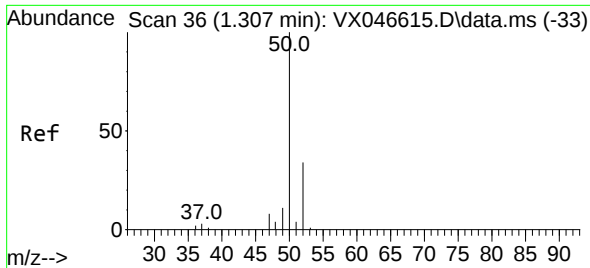
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#2
Dichlorodifluoromethane
Concen: 18.525 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

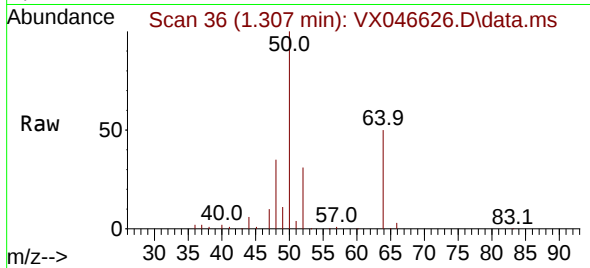
Tgt Ion: 85 Resp: 23158
Ion Ratio Lower Upper
85 100
87 30.7 17.1 51.3





#3
Chloromethane
Concen: 17.747 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

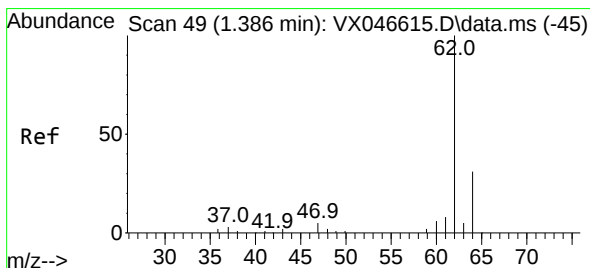
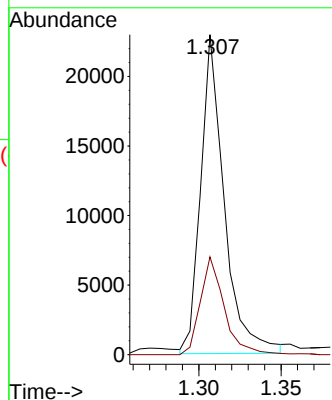
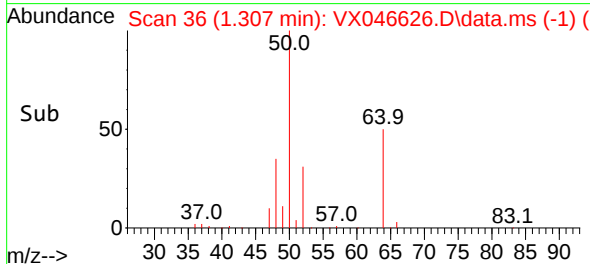
Instrument :
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Tgt Ion: 50 Resp: 2285
Ion Ratio Lower Upper
50 100
52 31.1 27.4 41.2

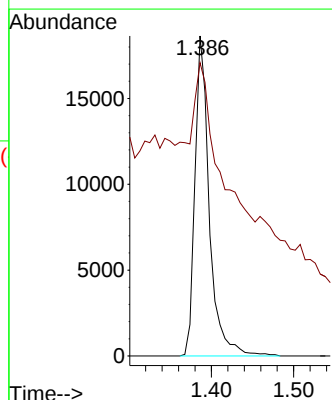
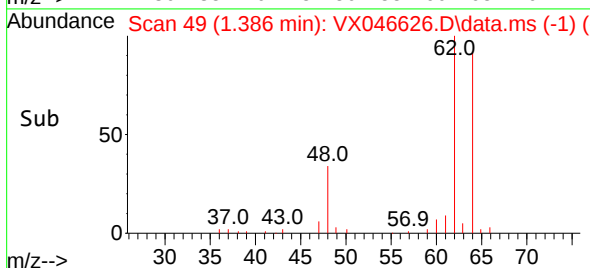
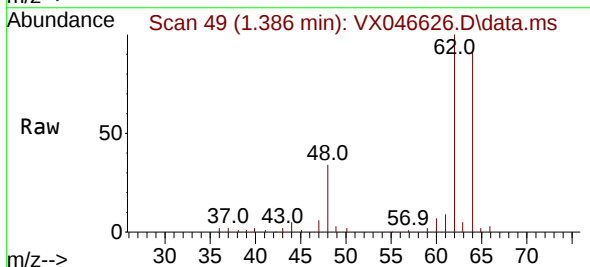
Manual Integrations
APPROVED

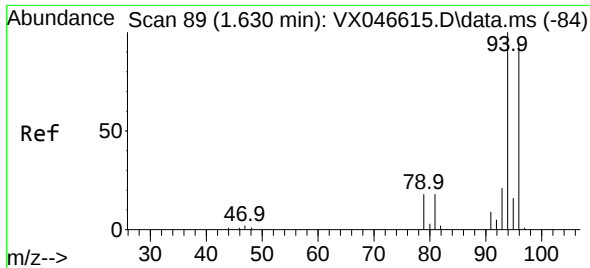
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#4
Vinyl Chloride
Concen: 18.261 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

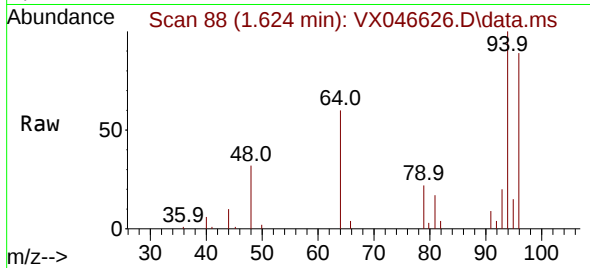
Tgt Ion: 62 Resp: 22674
Ion Ratio Lower Upper
62 100
64 55.5 25.2 37.8





#5
Bromomethane
Concen: 11.798 ug/l
RT: 1.624 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

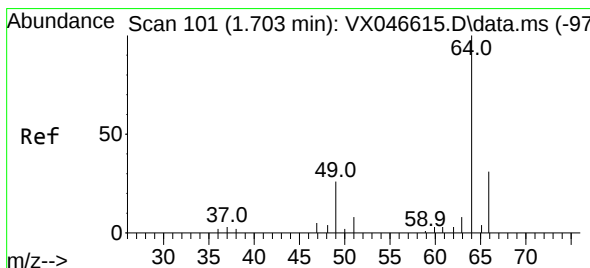
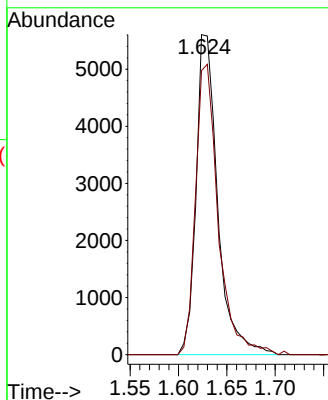
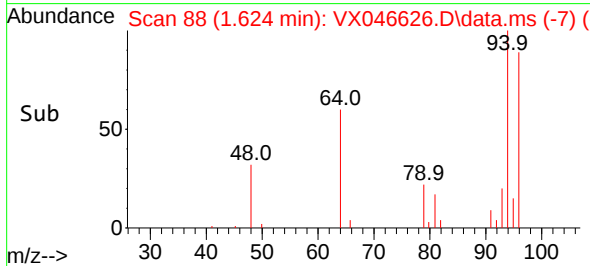
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 8749
Ion Ratio Lower Upper
94 100
96 88.8 75.5 113.3

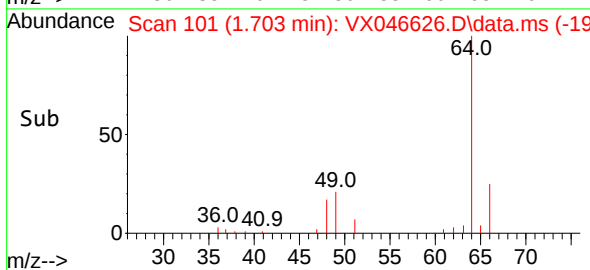
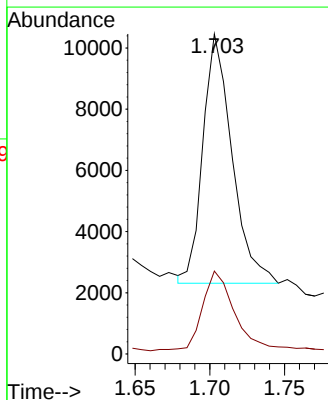
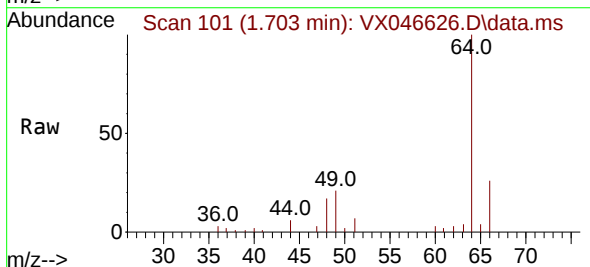
Manual Integrations
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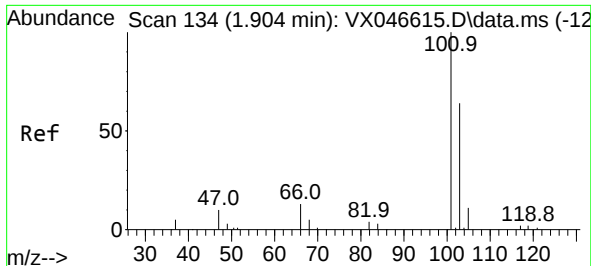
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#6
Chloroethane
Concen: 15.464 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

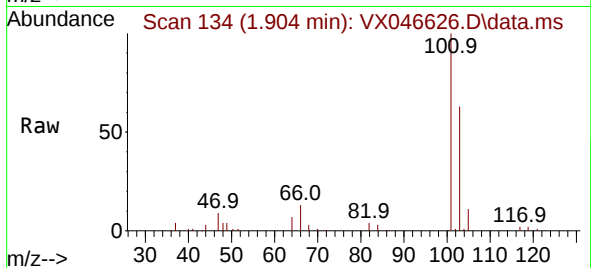
Tgt Ion: 64 Resp: 11031
Ion Ratio Lower Upper
64 100
66 31.2 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 18.285 ug/l
 RT: 1.904 min Scan# 134
 Delta R.T. 0.000 min
 Lab File: VX046626.D
 Acq: 11 Jun 2025 01:16

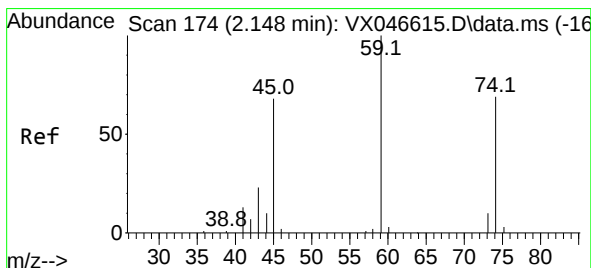
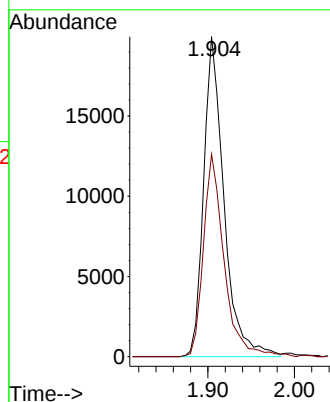
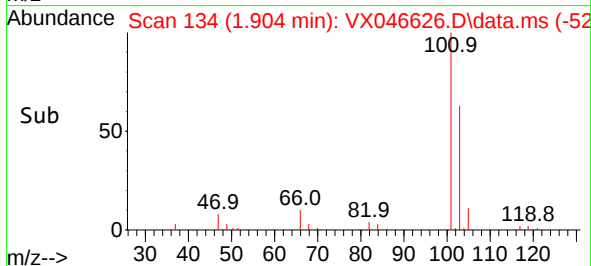
Instrument :
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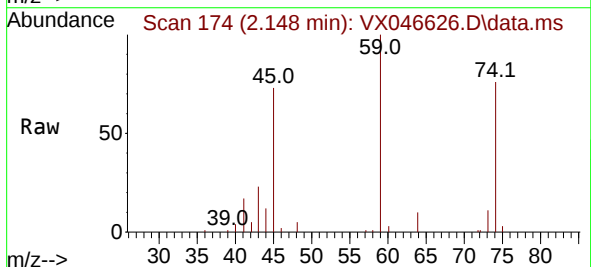
Tgt Ion:101 Resp: 32519
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.5 77.3

Manual Integrations
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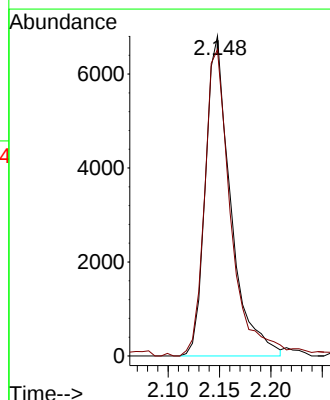
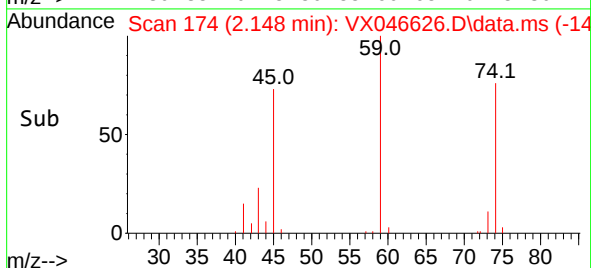
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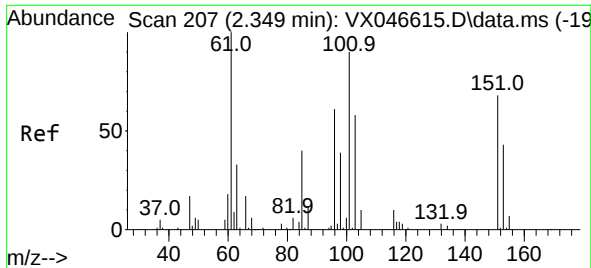


#8
 Diethyl Ether
 Concen: 18.641 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX046626.D
 Acq: 11 Jun 2025 01:16



Tgt Ion: 74 Resp: 11616
 Ion Ratio Lower Upper
 74 100
 45 98.8 19.3 174.1





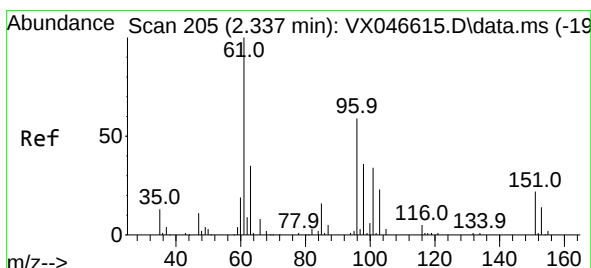
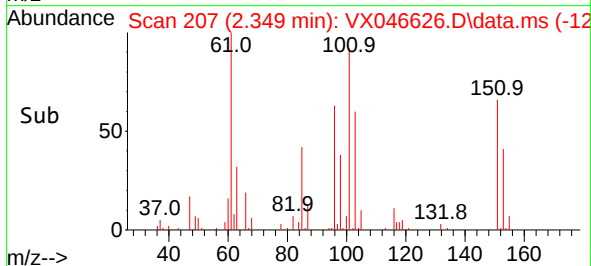
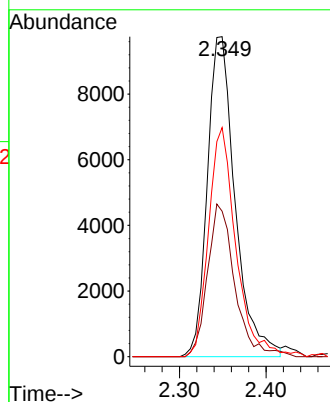
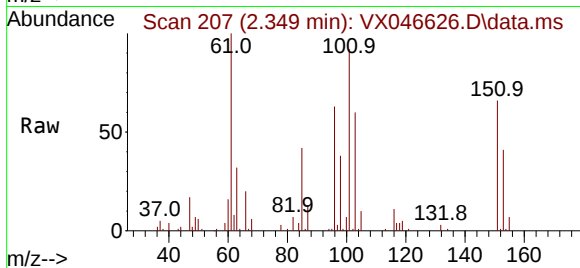
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.374 ug/l
 RT: 2.349 min Scan# 207
 Delta R.T. 0.000 min
 Lab File: VX046626.D
 Acq: 11 Jun 2025 01:16

Instrument :
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 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:101 Resp: 2174
 Ion Ratio Lower Upper
 101 100
 85 45.8 0.0 88.2
 151 70.3 0.0 141.8

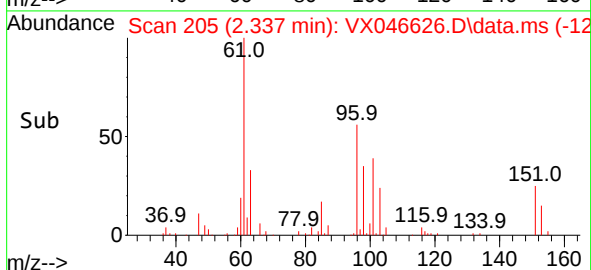
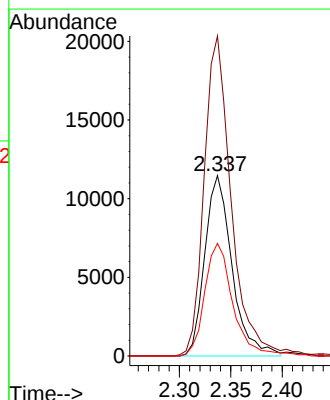
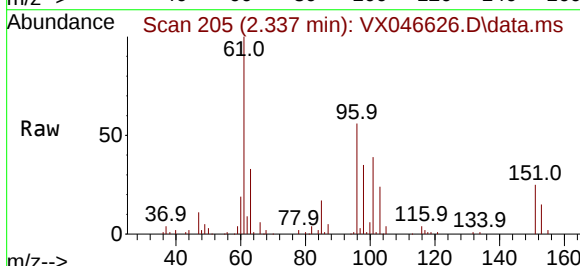
Manual Integrations
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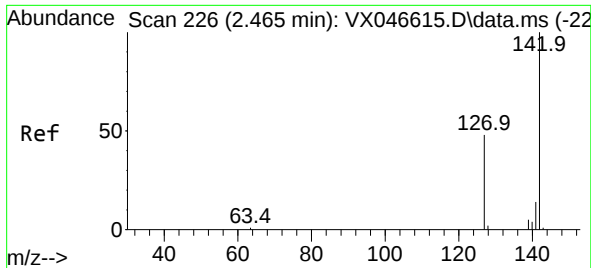
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#10
 1,1-Dichloroethene
 Concen: 18.415 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. 0.000 min
 Lab File: VX046626.D
 Acq: 11 Jun 2025 01:16

Tgt Ion: 96 Resp: 21137
 Ion Ratio Lower Upper
 96 100
 61 176.8 135.1 202.7
 98 62.5 49.0 73.4





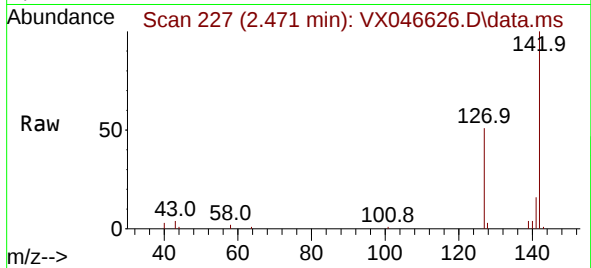
#11
Methyl Iodide
Concen: 13.963 ug/l
RT: 2.471 min Scan# 2185
Delta R.T. 0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



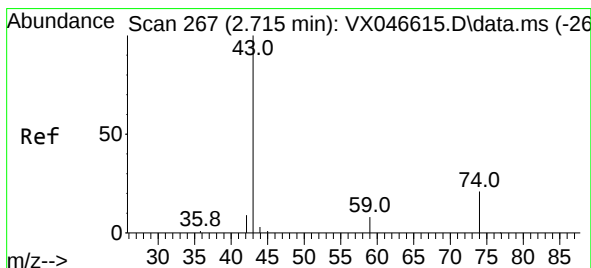
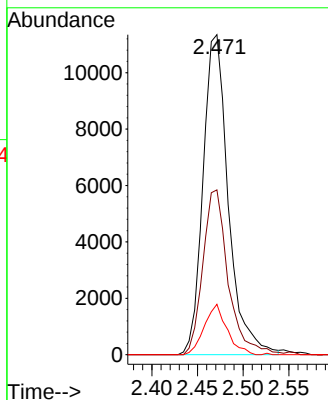
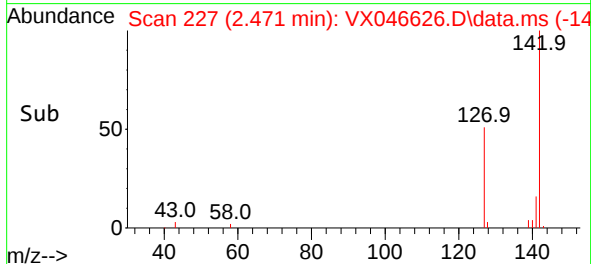
Tgt Ion:142 Resp: 2185
Ion Ratio Lower Upper
142 100
127 51.5 24.1 72.4
141 15.8 7.0 20.9

Manual Integrations

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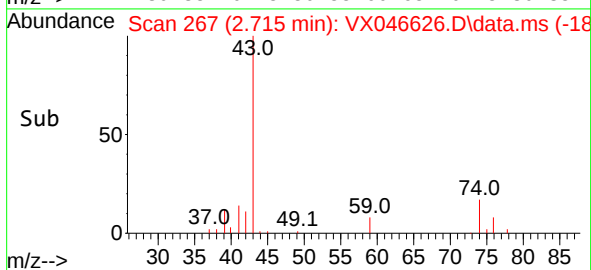
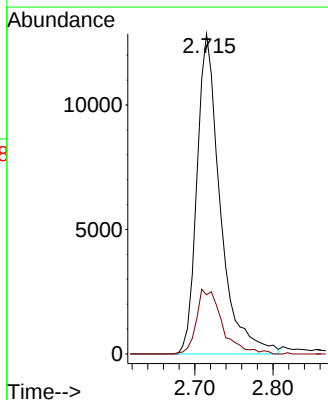
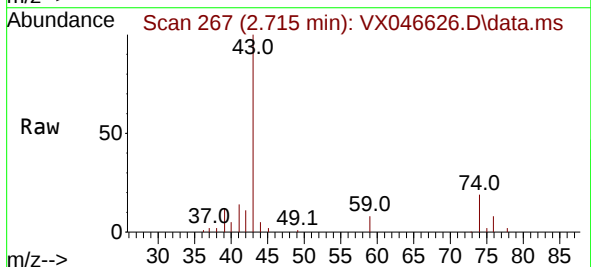
Reviewed By :John Carlone 06/11/2025

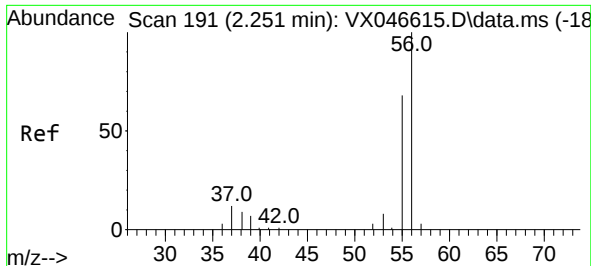
Supervised By :Mahesh Dadoda 06/11/2025



#12
Methyl Acetate
Concen: 18.361 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

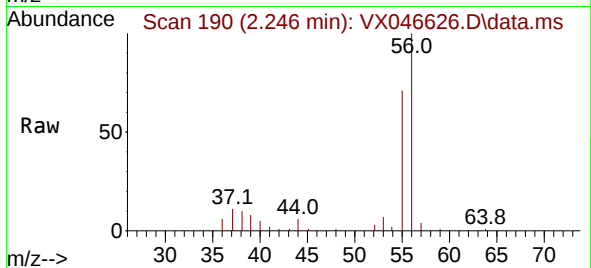
Tgt Ion: 43 Resp: 26565
Ion Ratio Lower Upper
43 100
74 18.4 17.2 25.8





#13
Acrolein
Concen: 101.760 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

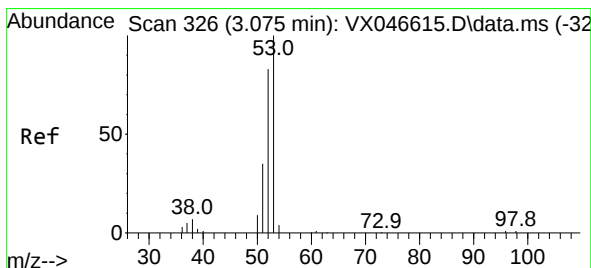
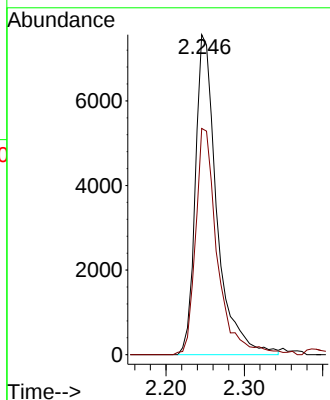
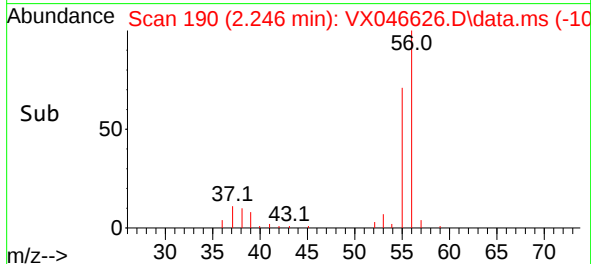
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 1442
Ion Ratio Lower Upper
56 100
55 69.7 56.0 84.0

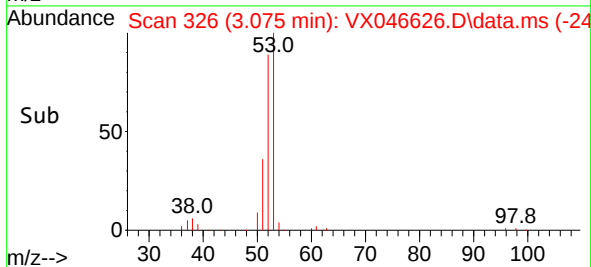
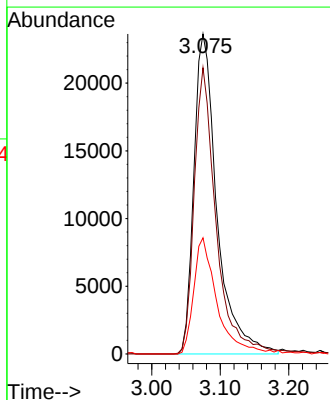
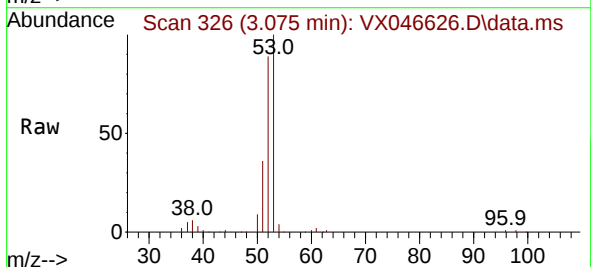
Manual Integrations
APPROVED

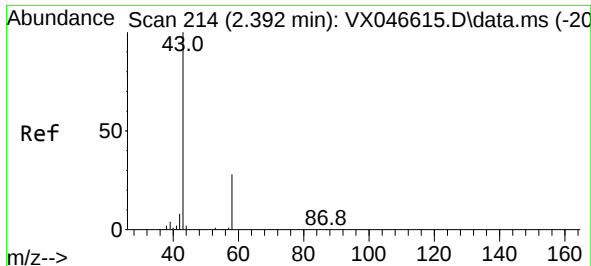
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#14
Acrylonitrile
Concen: 93.297 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

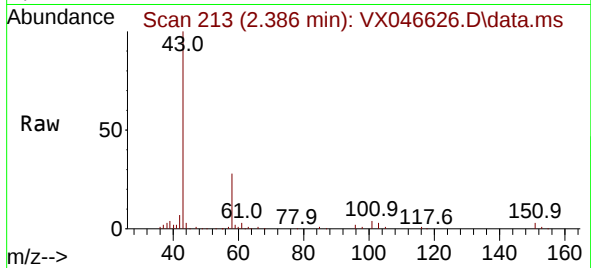
Tgt Ion: 53 Resp: 55472
Ion Ratio Lower Upper
53 100
52 85.4 41.3 123.7
51 36.2 18.6 55.8





#15
Acetone
Concen: 98.367 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

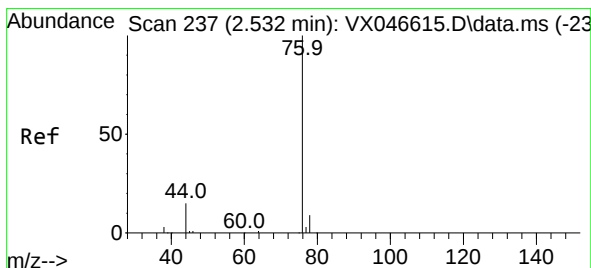
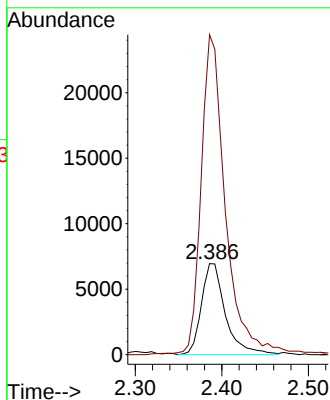
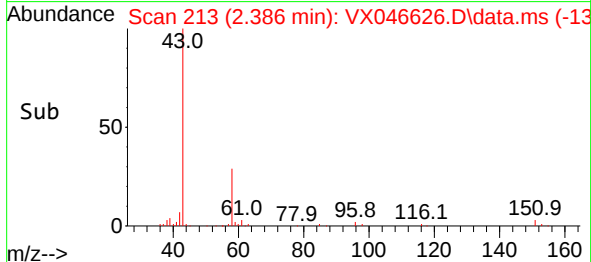
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 13374
Ion Ratio Lower Upper
58 100
43 349.4 290.6 435.8

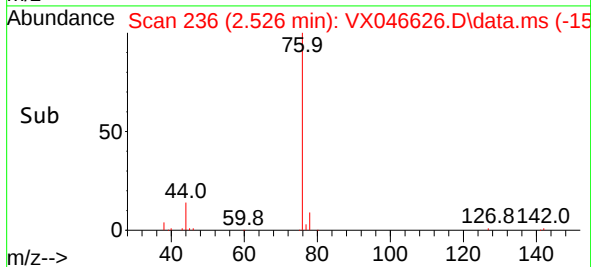
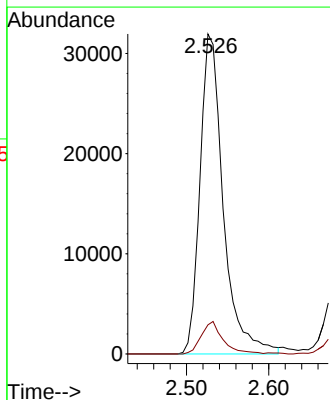
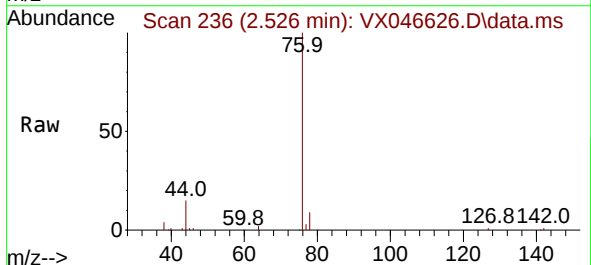
Manual Integrations
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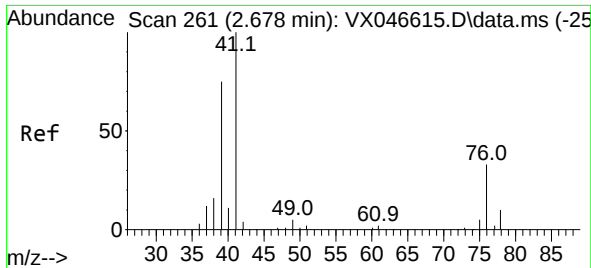
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#16
Carbon Disulfide
Concen: 19.736 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

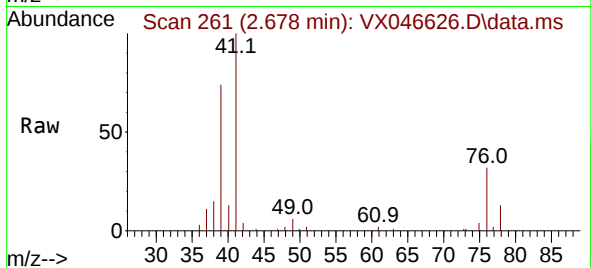
Tgt Ion: 76 Resp: 62850
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0





#17
 Allyl chloride
 Concen: 18.423 ug/l
 RT: 2.678 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX046626.D
 Acq: 11 Jun 2025 01:16

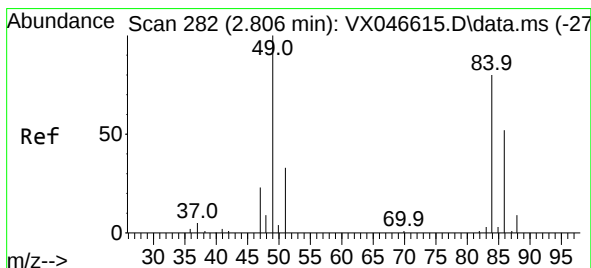
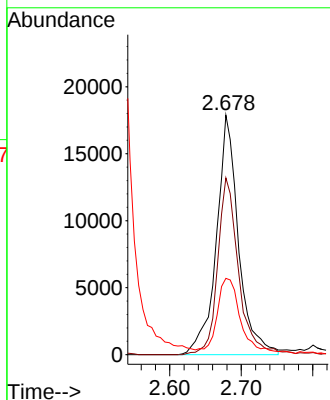
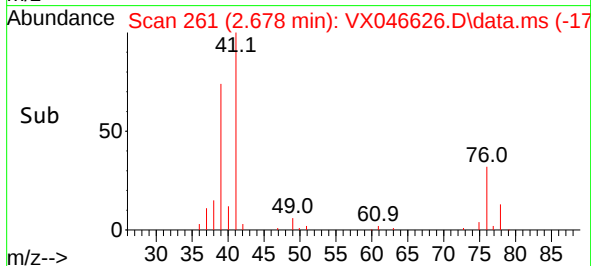
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 3836
 Ion Ratio Lower Upper
 41 100
 39 73.8 37.5 112.3
 76 30.6 17.4 52.3

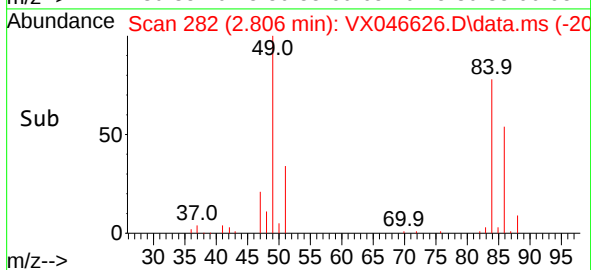
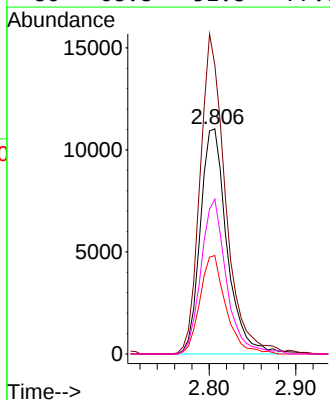
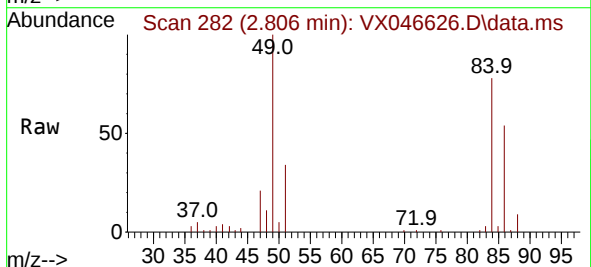
Manual Integrations
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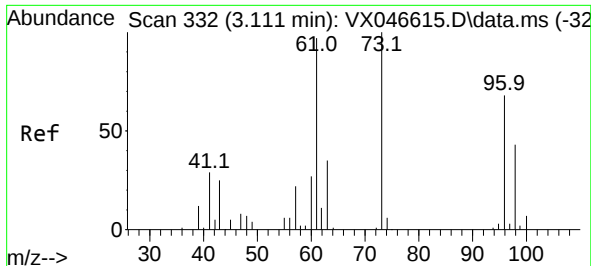
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#18
 Methylene Chloride
 Concen: 18.625 ug/l
 RT: 2.806 min Scan# 282
 Delta R.T. 0.000 min
 Lab File: VX046626.D
 Acq: 11 Jun 2025 01:16

Tgt Ion: 84 Resp: 23594
 Ion Ratio Lower Upper
 84 100
 49 127.7 100.1 150.1
 51 43.7 33.0 49.4
 86 68.8 51.8 77.6





#19

trans-1,2-Dichloroethene

Concen: 18.401 ug/l

RT: 3.105 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX046626.D

Acq: 11 Jun 2025 01:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 96 Resp: 2188

Ion Ratio Lower Upper

96 100

61 144.2 114.5 171.7

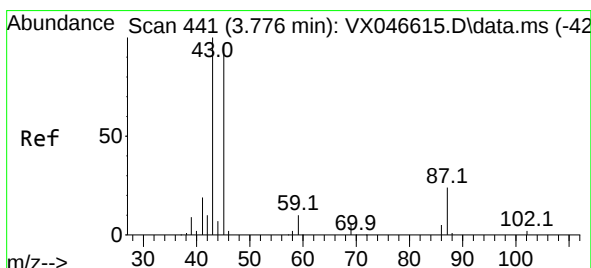
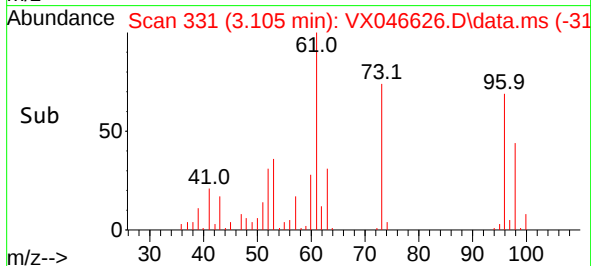
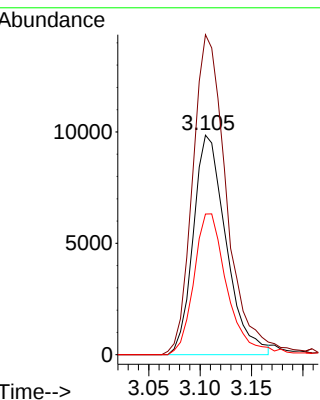
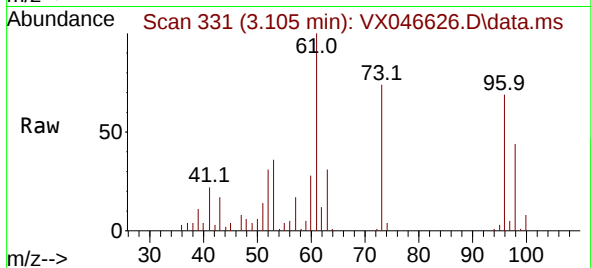
98 64.1 50.2 75.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#20

Diisopropyl ether

Concen: 19.606 ug/l

RT: 3.776 min Scan# 441

Delta R.T. 0.000 min

Lab File: VX046626.D

Acq: 11 Jun 2025 01:16

Tgt Ion: 45 Resp: 77249

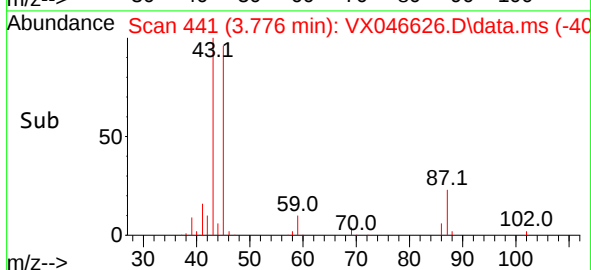
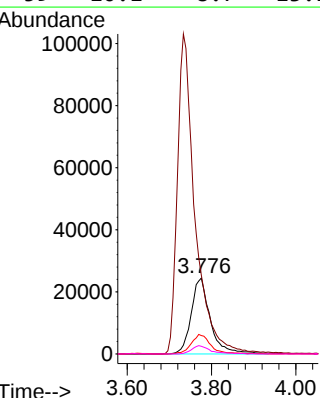
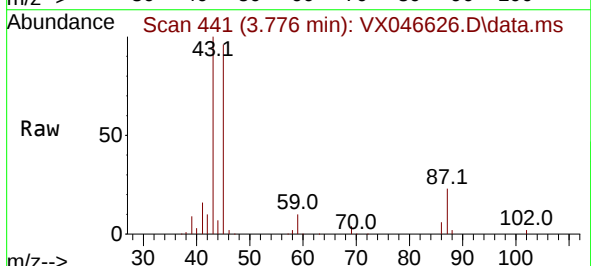
Ion Ratio Lower Upper

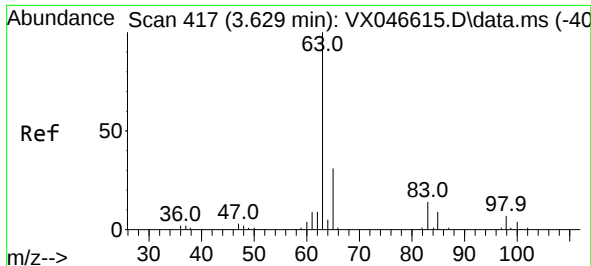
45 100

43 101.4 83.2 124.8

87 24.2 20.2 30.4

59 10.1 8.7 13.1





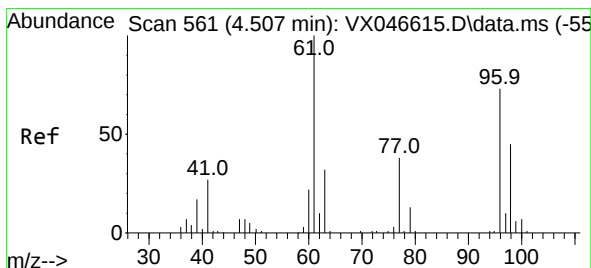
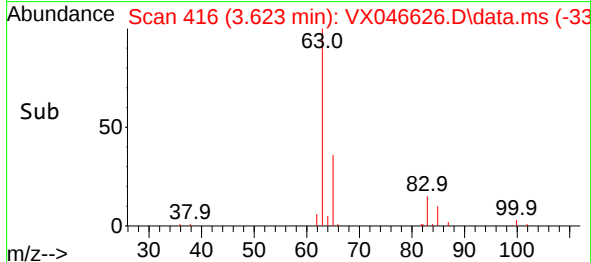
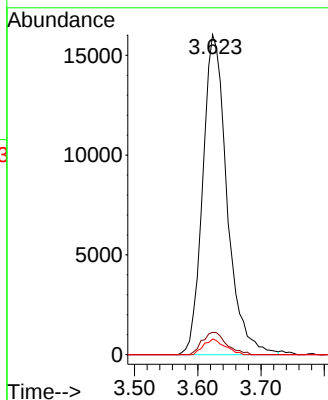
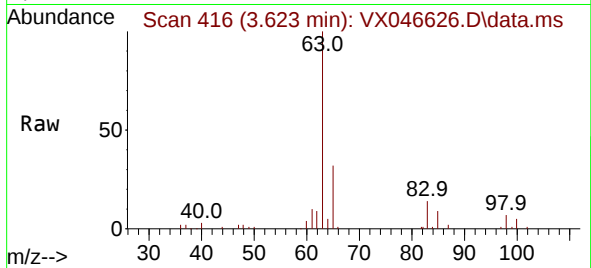
#21
1,1-Dichloroethane
Concen: 18.983 ug/l
RT: 3.623 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 4285
Ion Ratio Lower Upper
63 100
98 7.0 3.6 10.8
100 4.9 1.8 5.5

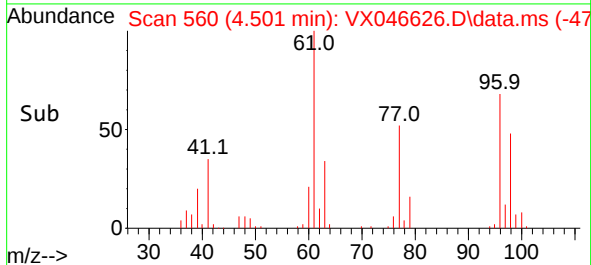
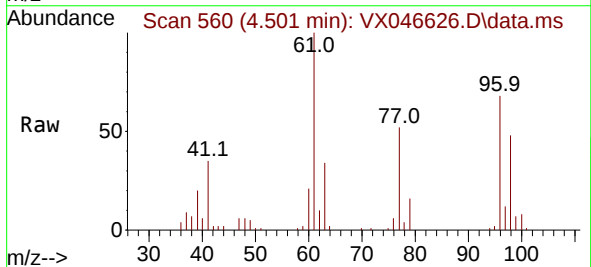
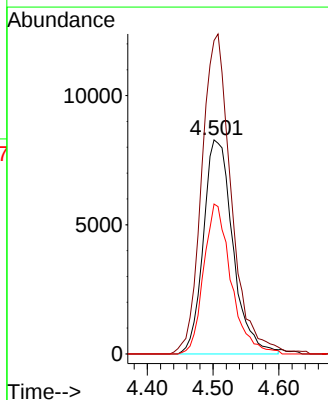
Manual Integrations
APPROVED

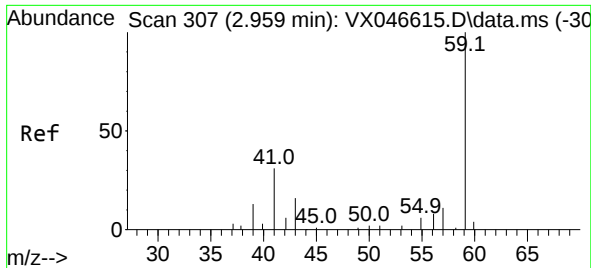
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#22
cis-1,2-Dichloroethene
Concen: 18.619 ug/l
RT: 4.501 min Scan# 560
Delta R.T. -0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Tgt Ion: 96 Resp: 25820
Ion Ratio Lower Upper
96 100
61 150.0 118.6 177.8
98 65.3 49.6 74.4





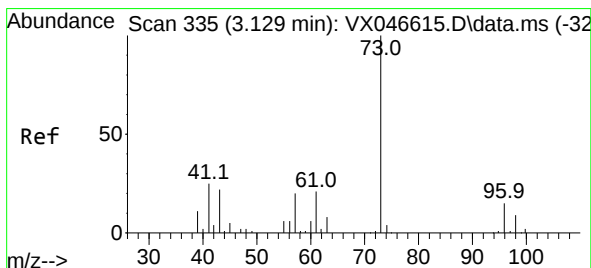
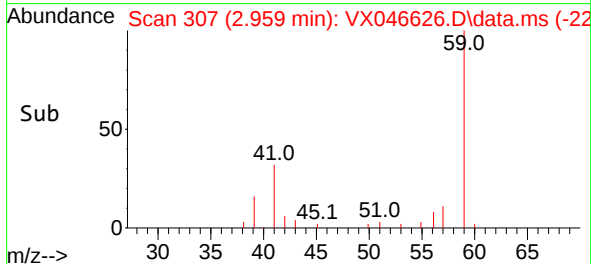
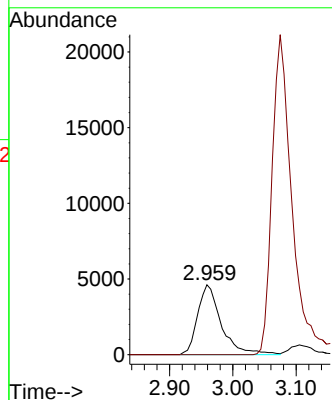
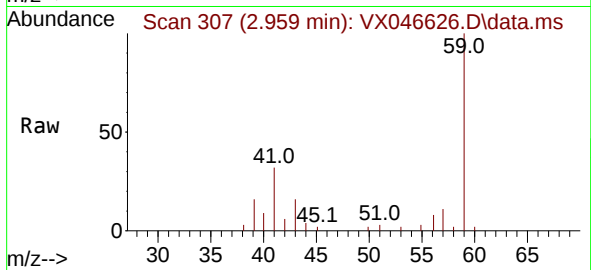
#23
tert-Butyl Alcohol
Concen: 100.227 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 12036
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

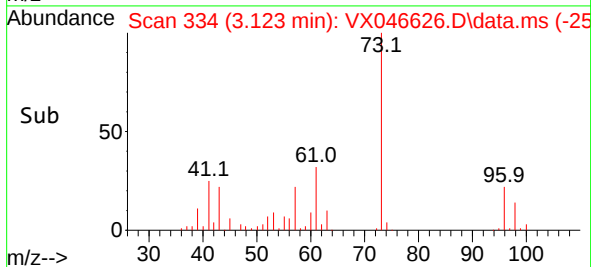
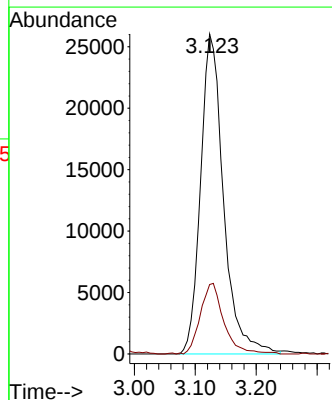
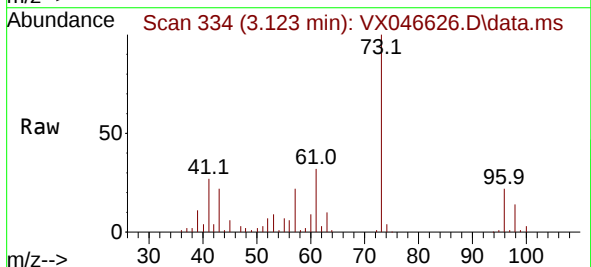
Manual Integrations
APPROVED

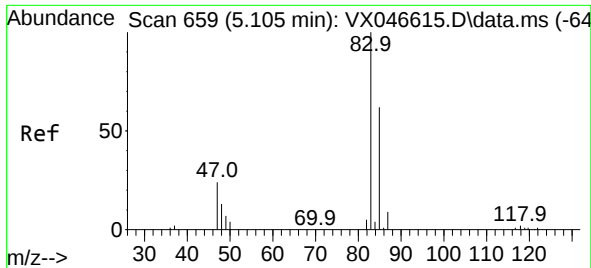
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#24
Methyl tert-Butyl Ether
Concen: 19.434 ug/l
RT: 3.123 min Scan# 334
Delta R.T. -0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Tgt Ion: 73 Resp: 68142
Ion Ratio Lower Upper
73 100
43 22.5 18.4 27.6





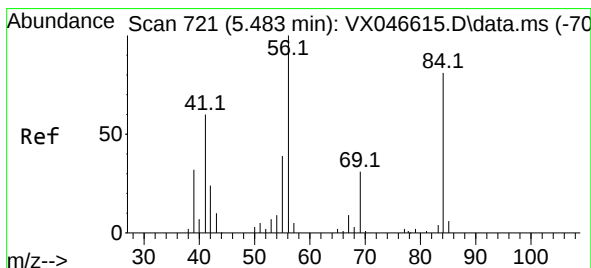
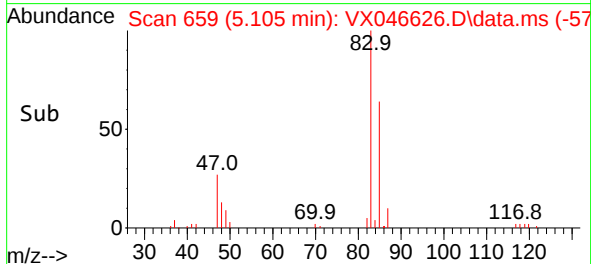
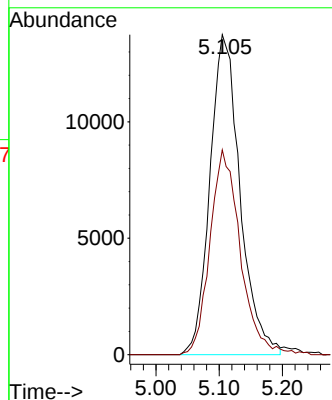
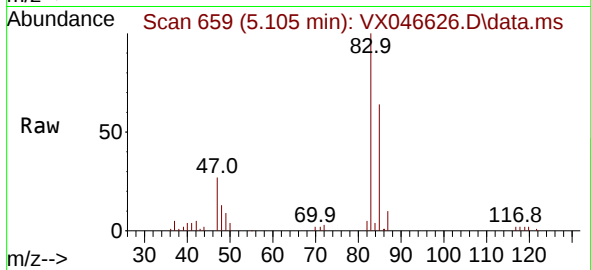
#25
Chloroform
Concen: 19.536 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 45394
Ion Ratio Lower Upper
83 100
85 64.0 49.8 74.6

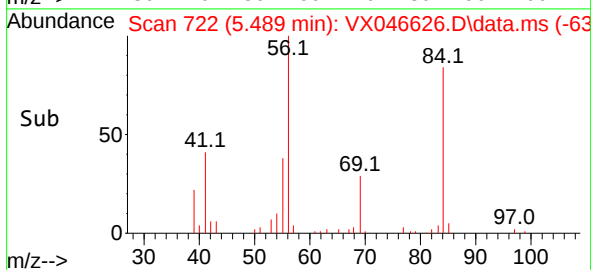
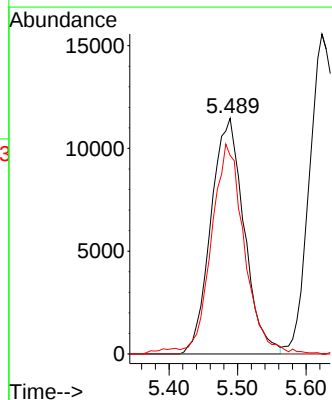
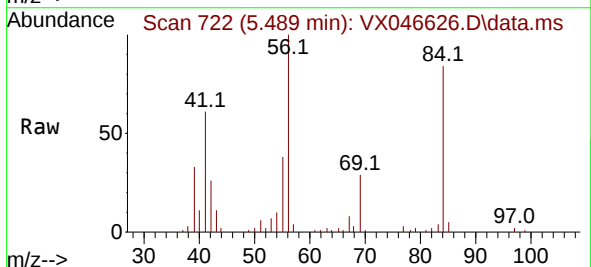
Manual Integrations
APPROVED

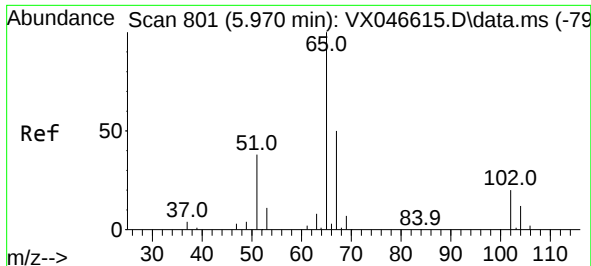
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#26
Cyclohexane
Concen: 18.739 ug/l
RT: 5.489 min Scan# 722
Delta R.T. 0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Tgt Ion: 56 Resp: 38597
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.5 67.4 101.0





#27

1,2-Dichloroethane-d4

Concen: 30.483 ug/l

RT: 5.964 min Scan# 801

Delta R.T. -0.006 min

Lab File: VX046626.D

Acq: 11 Jun 2025 01:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 47440

Ion Ratio Lower Upper

65 100

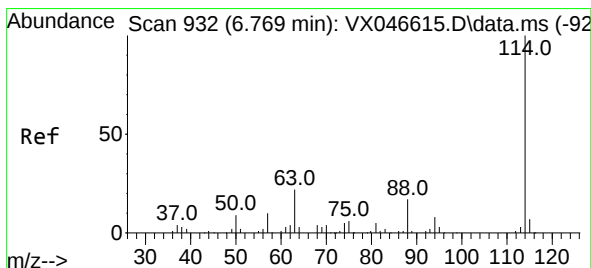
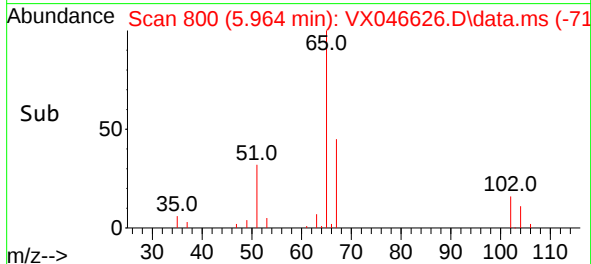
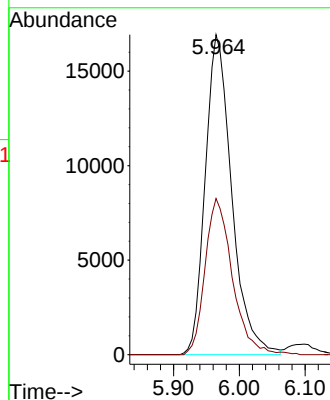
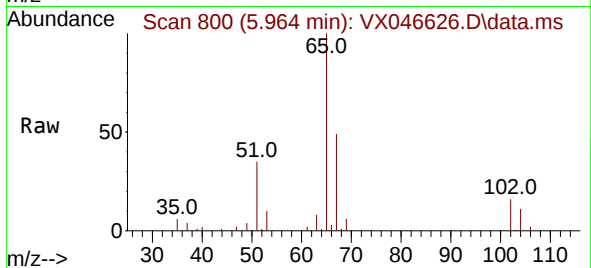
67 50.0 41.4 62.2

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: VX046626.D

Acq: 11 Jun 2025 01:16

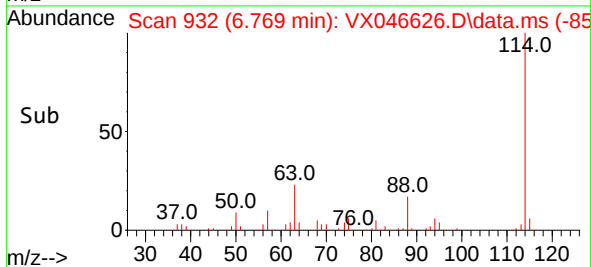
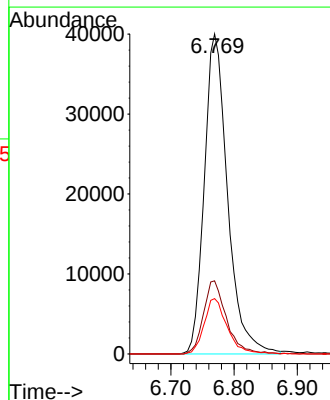
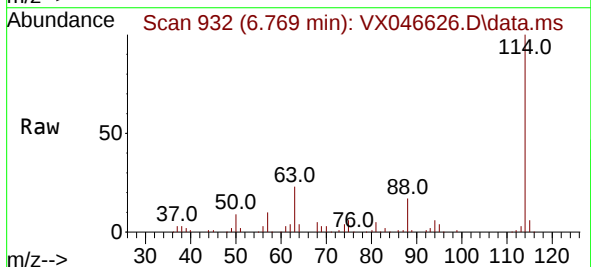
Tgt Ion:114 Resp: 102449

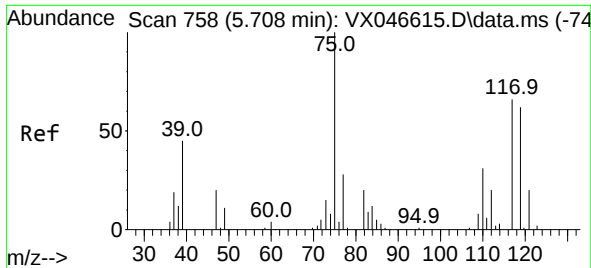
Ion Ratio Lower Upper

114 100

63 22.3 18.1 27.1

88 17.0 14.1 21.1





#29
 1,1-Dichloropropene
 Concen: 18.388 ug/l
 RT: 5.708 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VX046626.D
 Acq: 11 Jun 2025 01:16

Instrument :

MSVOA_X

ClientSampleId :

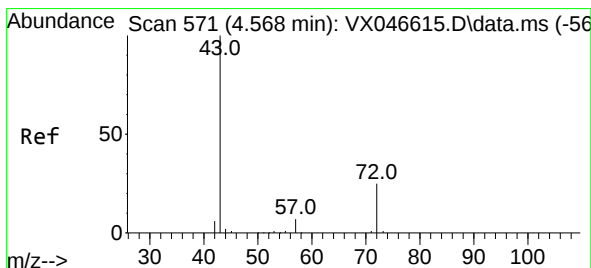
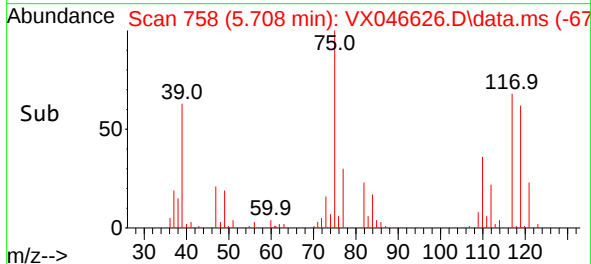
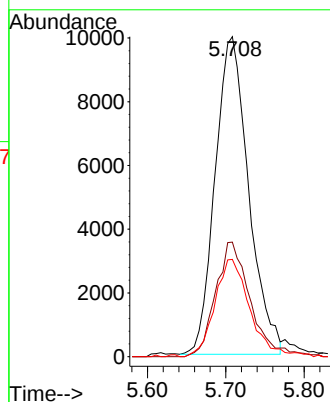
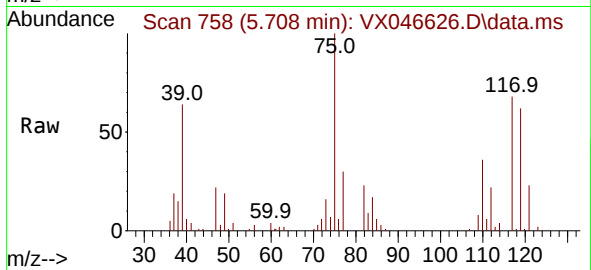
VSTDCCC020EC

Tgt Ion: 75 Resp: 29640
 Ion Ratio Lower Upper
 75 100
 110 35.8 0.0 65.4
 77 30.9 0.0 59.8

Manual Integrations

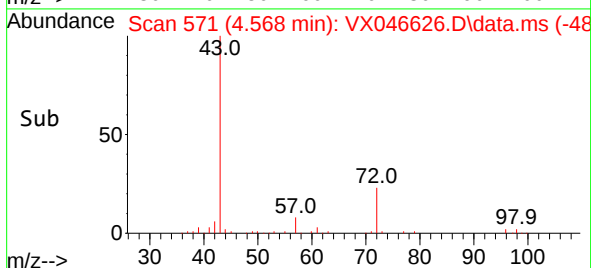
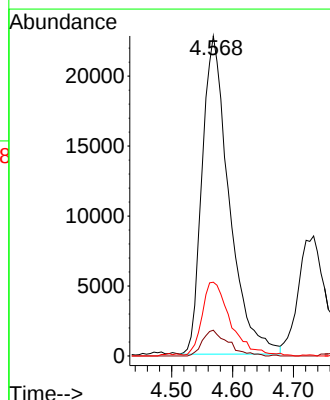
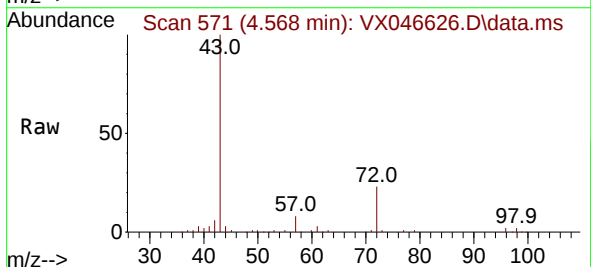
APPROVED

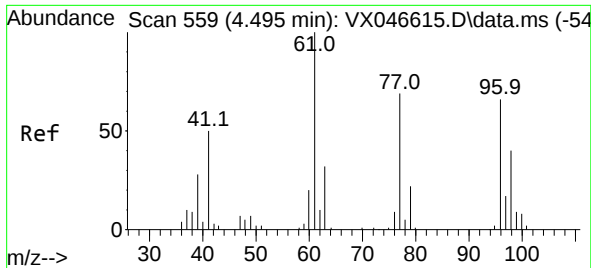
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025



#30
 2-Butanone
 Concen: 97.657 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VX046626.D
 Acq: 11 Jun 2025 01:16

Tgt Ion: 43 Resp: 70140
 Ion Ratio Lower Upper
 43 100
 57 7.1 5.8 8.6
 72 22.9 19.4 29.2





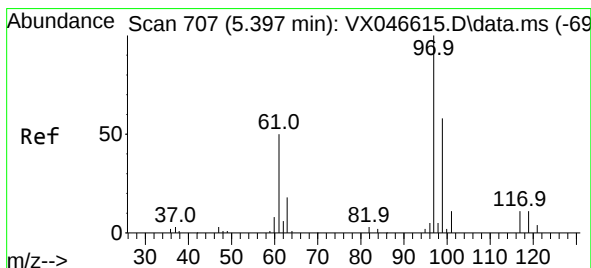
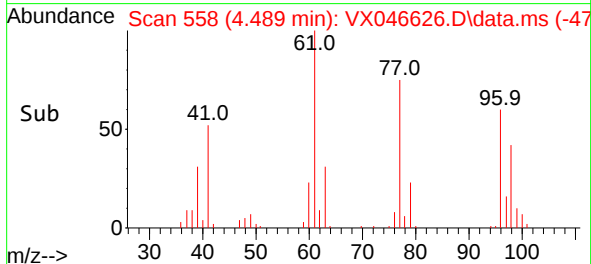
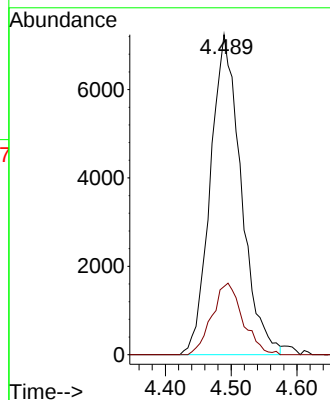
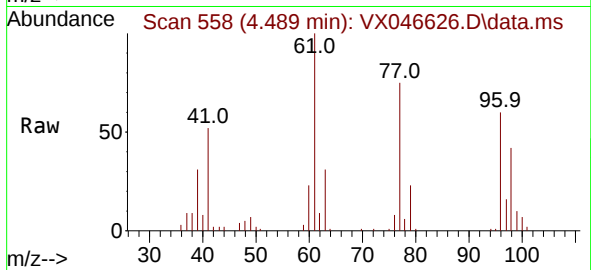
#31
2,2-Dichloropropane
Concen: 16.514 ug/l
RT: 4.489 min Scan# 511
Delta R.T. -0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 77 Resp: 2363
Ion Ratio Lower Upper
77 100
97 22.2 18.6 27.8

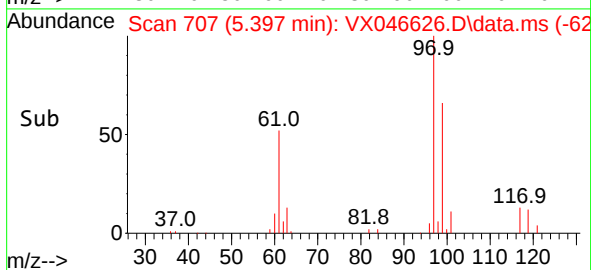
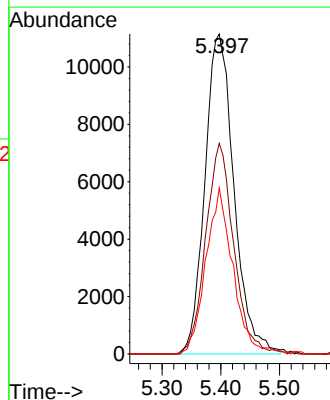
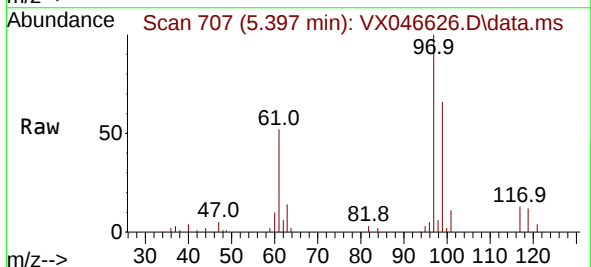
Manual Integrations
APPROVED

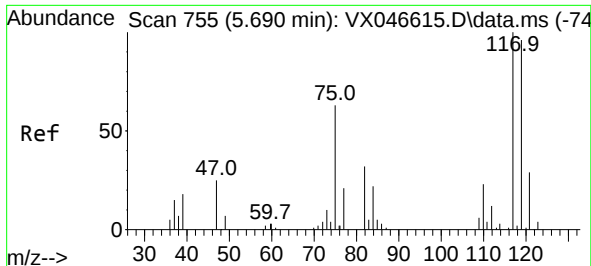
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#32
1,1,1-Trichloroethane
Concen: 19.287 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

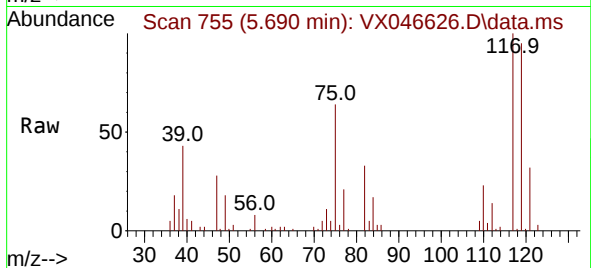
Tgt Ion: 97 Resp: 38413
Ion Ratio Lower Upper
97 100
99 63.0 51.2 76.8
61 47.3 39.5 59.3





#33
Carbon Tetrachloride
Concen: 19.053 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

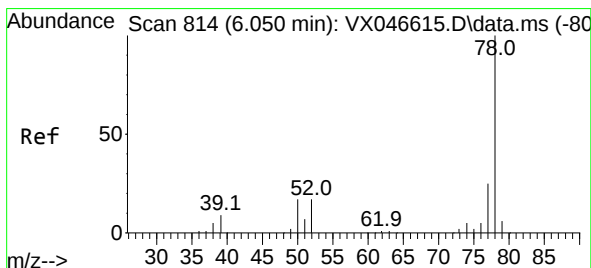
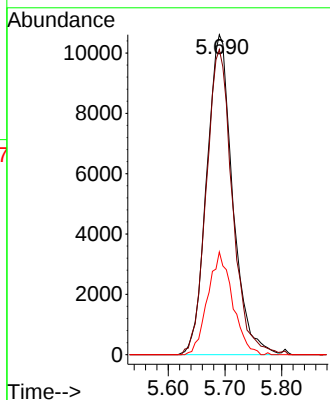
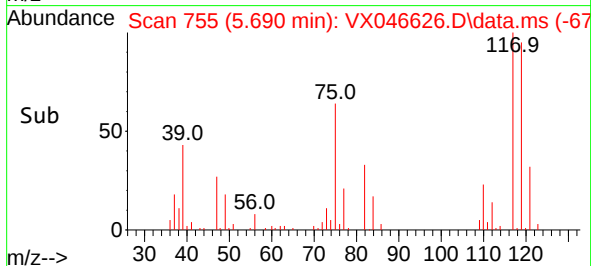
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



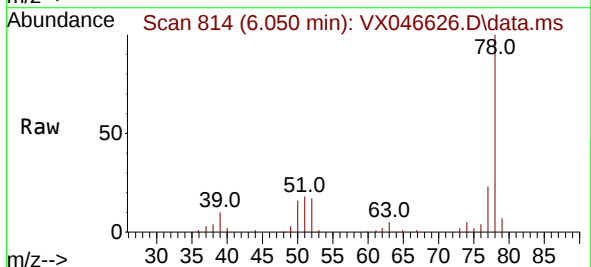
Tgt Ion:117 Resp: 33678
Ion Ratio Lower Upper
117 100
119 95.4 77.1 115.7
121 32.1 23.2 34.8

Manual Integrations
APPROVED

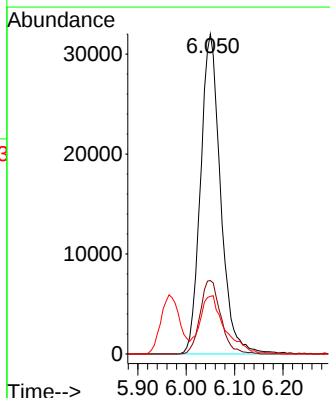
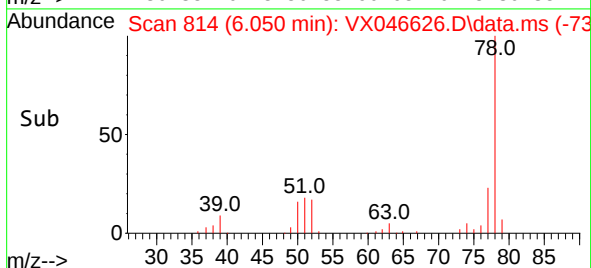
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

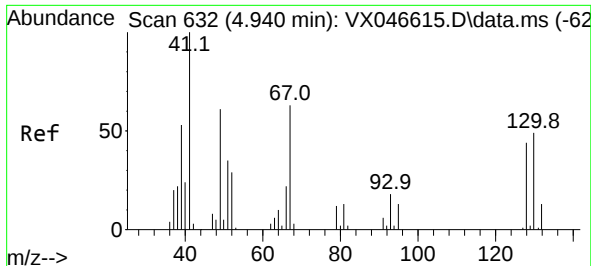


#34
Benzene
Concen: 19.440 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16



Tgt Ion: 78 Resp: 92063
Ion Ratio Lower Upper
78 100
77 23.0 19.8 29.8
51 17.7 14.7 22.1





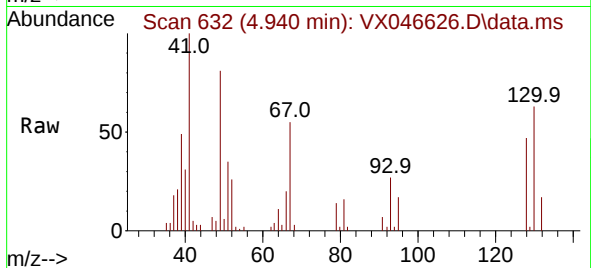
#35
Methacrylonitrile
Concen: 19.535 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



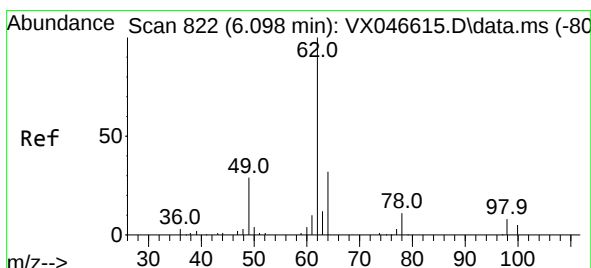
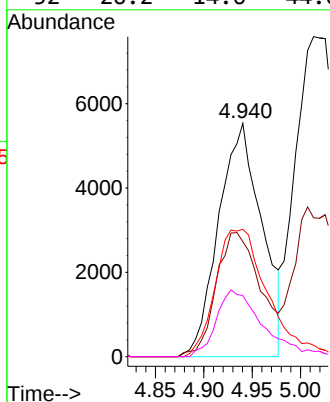
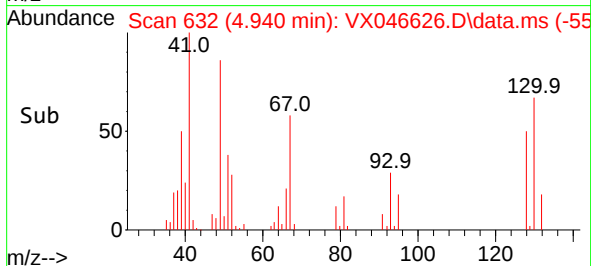
Tgt Ion: 41 Resp: 1720
Ion Ratio Lower Upper
41 100
39 49.3 26.4 79.2
67 54.6 31.4 94.3
52 26.2 14.6 44.0

Manual Integrations

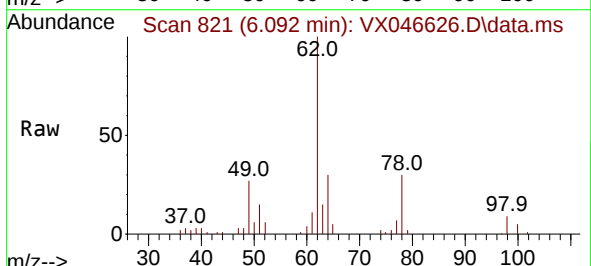
APPROVED

Reviewed By :John Carlone 06/11/2025

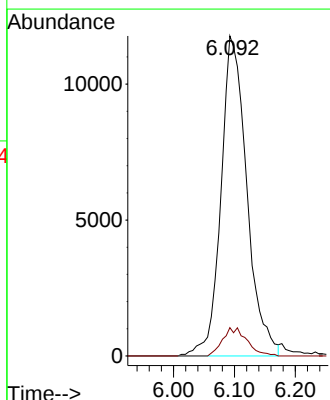
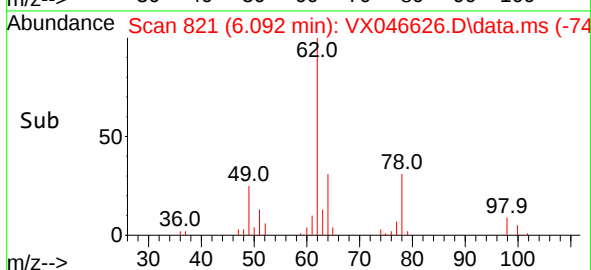
Supervised By :Mahesh Dadoda 06/11/2025

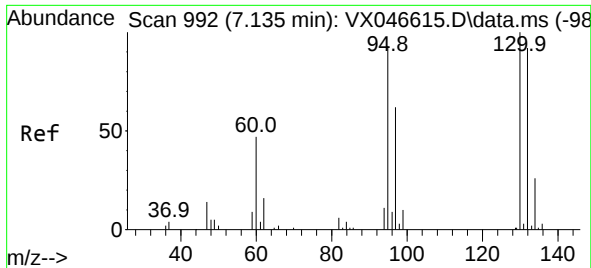


#36
1,2-Dichloroethane
Concen: 19.410 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16



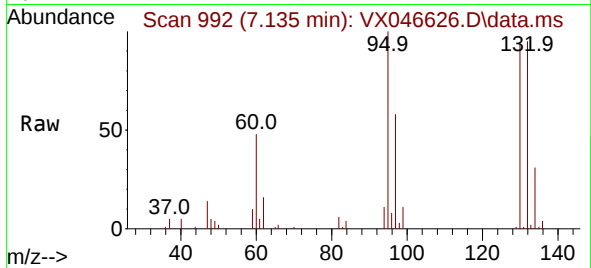
Tgt Ion: 62 Resp: 34778
Ion Ratio Lower Upper
62 100
98 8.4 6.5 9.7





#37
Trichloroethene
Concen: 18.955 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

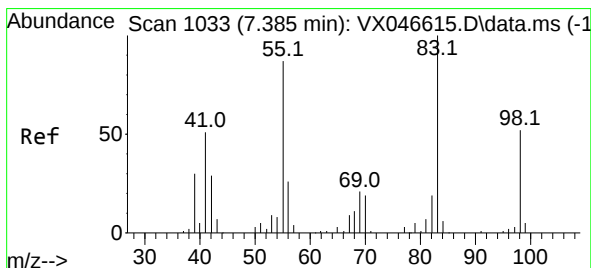
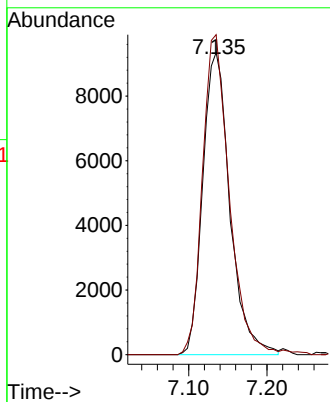
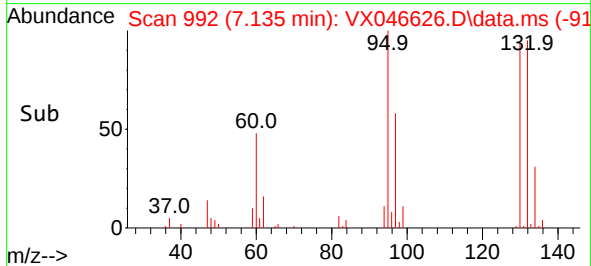
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



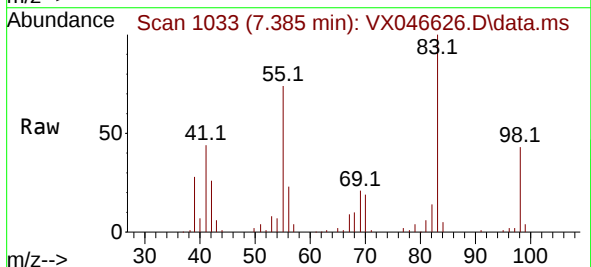
Tgt Ion:130 Resp: 22520
Ion Ratio Lower Upper
130 100
95 105.9 74.7 112.1

Manual Integrations
APPROVED

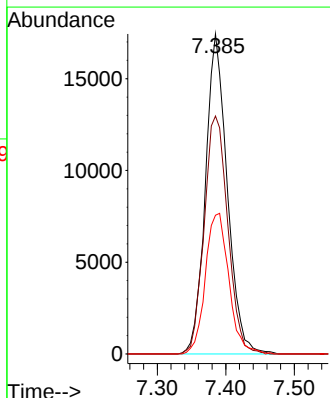
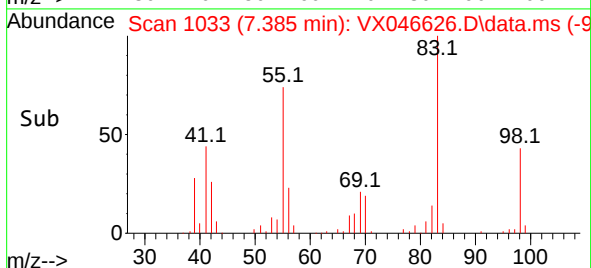
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

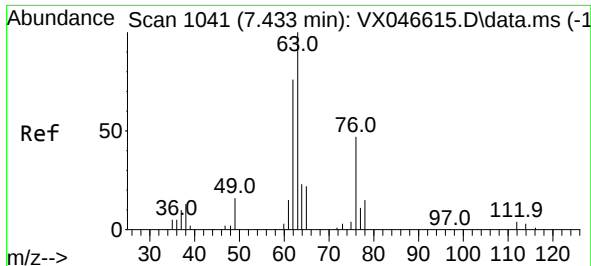


#38
Methylcyclohexane
Concen: 18.873 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16



Tgt Ion: 83 Resp: 38615
Ion Ratio Lower Upper
83 100
55 80.6 42.6 128.0
98 47.3 24.8 74.3





#39

1,2-Dichloropropane

Concen: 19.377 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX046626.D

Acq: 11 Jun 2025 01:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 2289

Ion Ratio Lower Upper

63 100

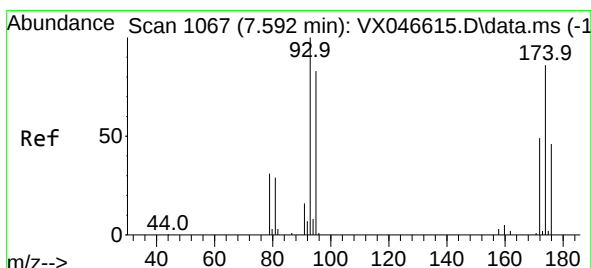
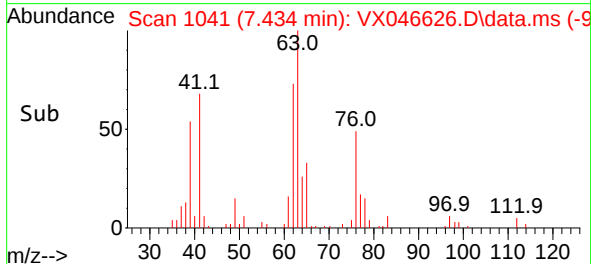
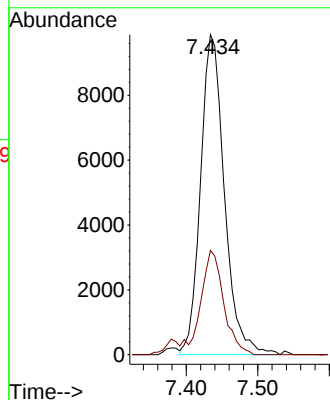
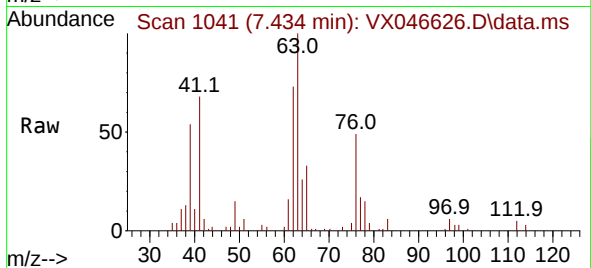
65 32.6 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#40

Dibromomethane

Concen: 19.470 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VX046626.D

Acq: 11 Jun 2025 01:16

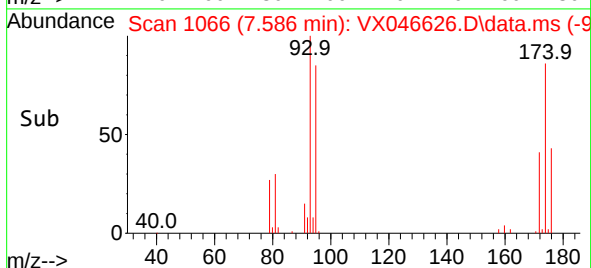
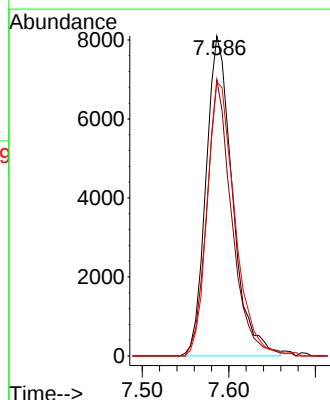
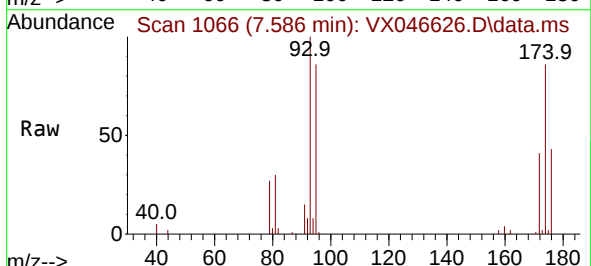
Tgt Ion: 93 Resp: 17195

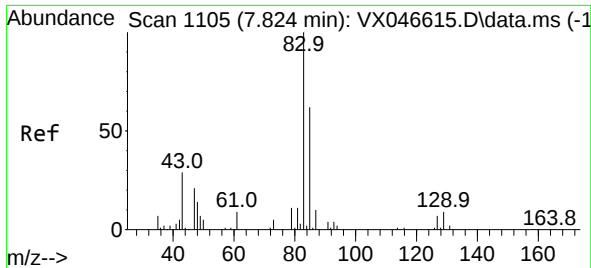
Ion Ratio Lower Upper

93 100

95 81.7 0.0 164.8

174 89.2 0.0 176.0





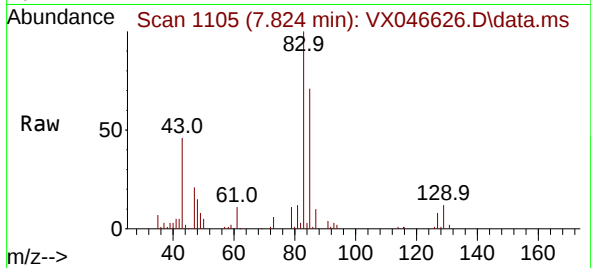
#41
Bromodichloromethane
Concen: 18.753 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



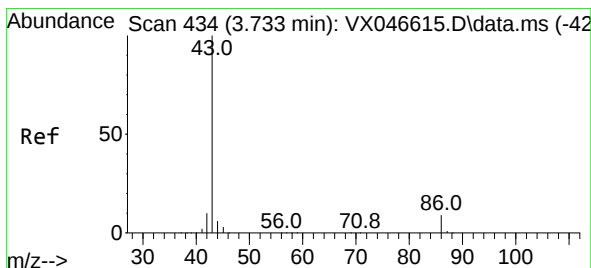
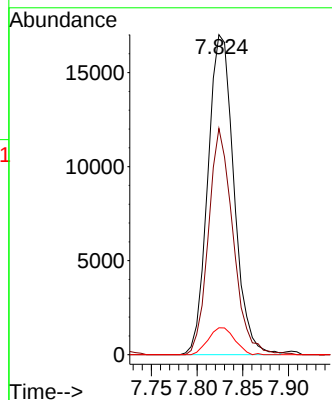
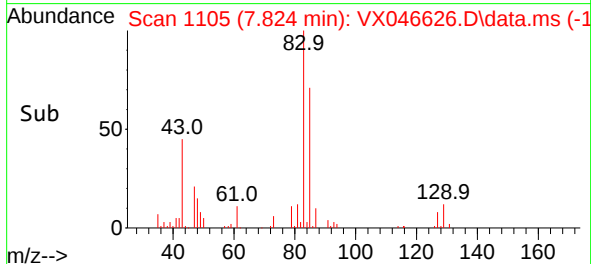
Tgt Ion: 83 Resp: 3374
Ion Ratio Lower Upper
83 100
85 70.7 49.8 74.6
127 8.4 5.5 8.3

Manual Integrations

APPROVED

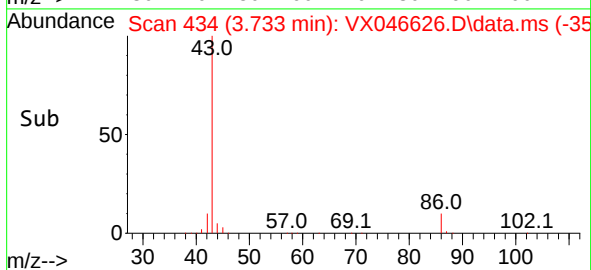
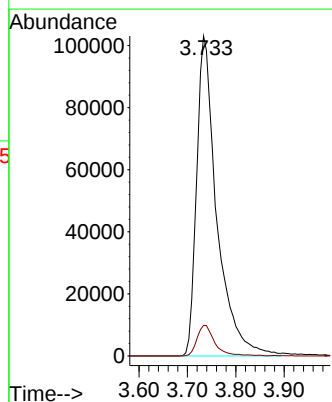
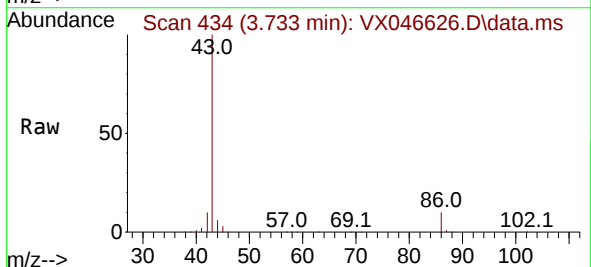
Reviewed By :John Carlone 06/11/2025

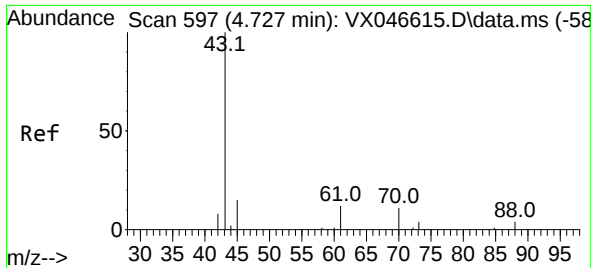
Supervised By :Mahesh Dadoda 06/11/2025



#42
Vinyl Acetate
Concen: 96.420 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

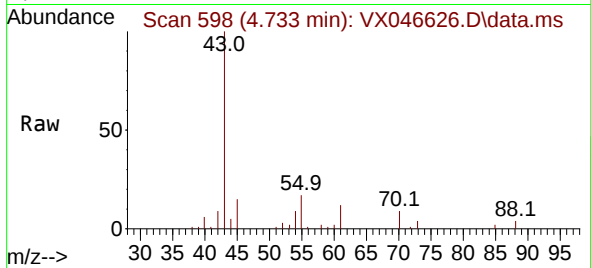
Tgt Ion: 43 Resp: 298823
Ion Ratio Lower Upper
43 100
86 8.3 6.4 9.6





#43
Ethyl Acetate
Concen: 18.794 ug/l m
RT: 4.733 min Scan# 598
Delta R.T. 0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

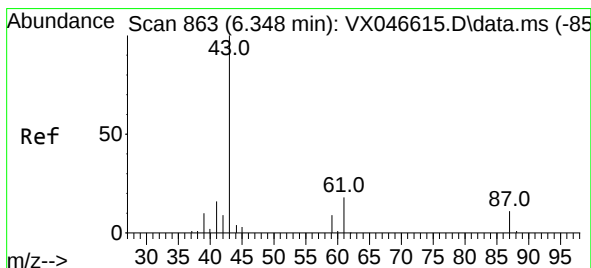
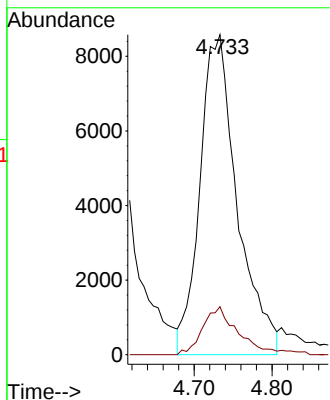
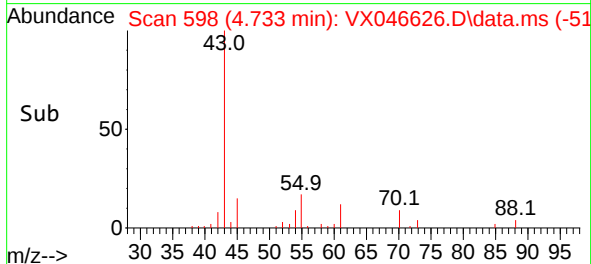
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 28594
Ion Ratio Lower Upper
43 100
45 13.6 7.9 11.9

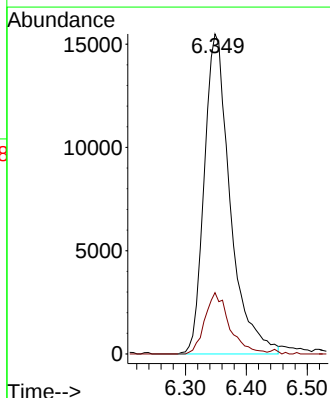
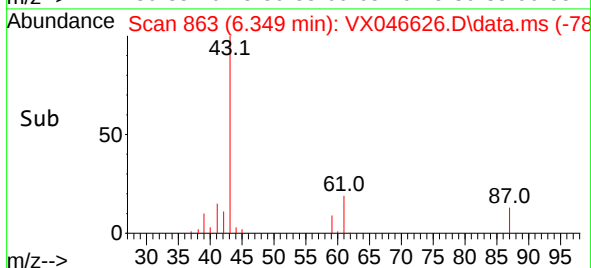
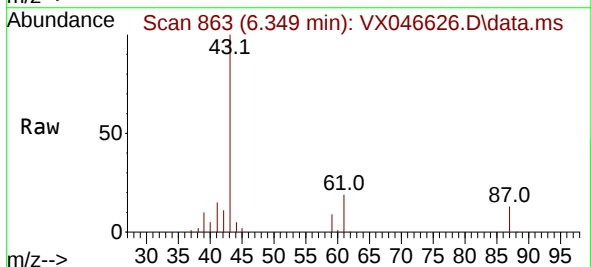
Manual Integrations
APPROVED

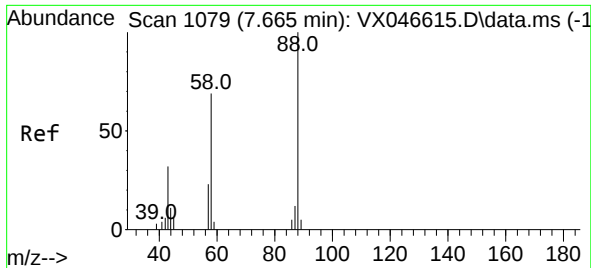
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#44
Isopropyl Acetate
Concen: 19.263 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

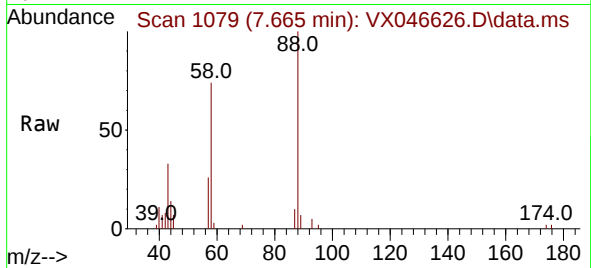
Tgt Ion: 43 Resp: 45841
Ion Ratio Lower Upper
43 100
61 18.2 15.0 22.4





#45
1,4-Dioxane
Concen: 401.305 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

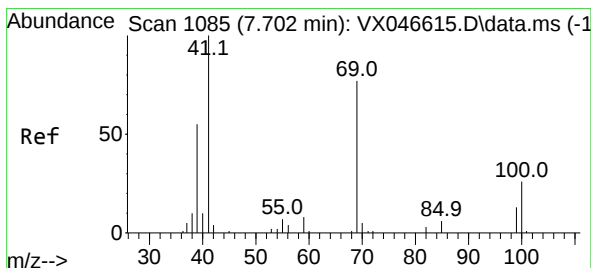
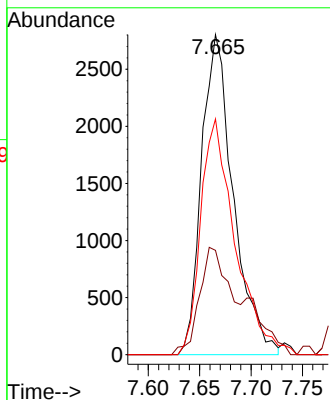
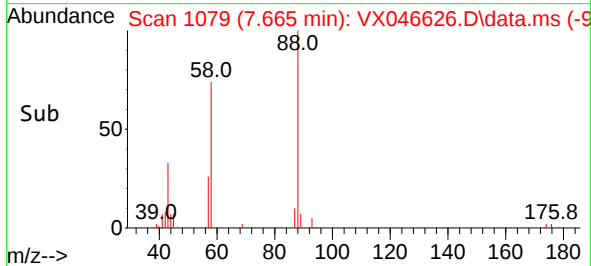
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



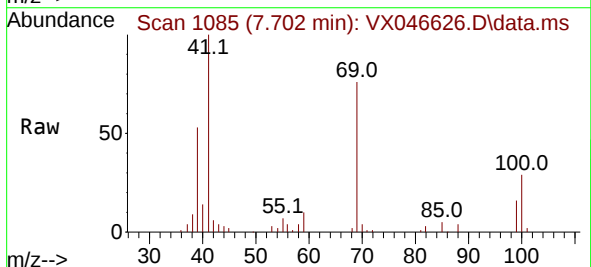
Tgt Ion: 88 Resp: 6024
Ion Ratio Lower Upper
88 100
43 27.9 21.6 32.4
58 80.1 60.8 91.2

Manual Integrations
APPROVED

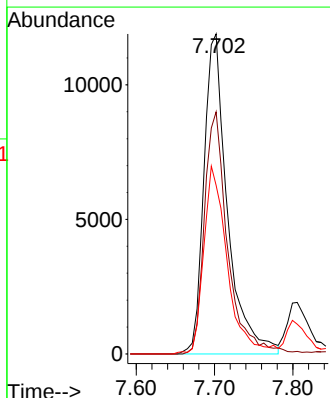
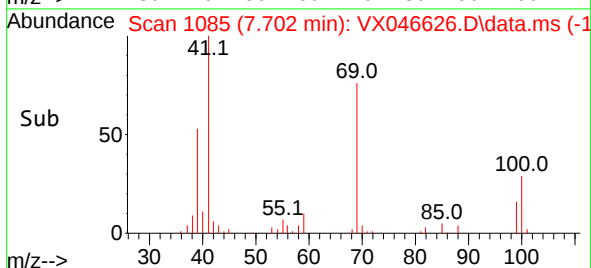
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

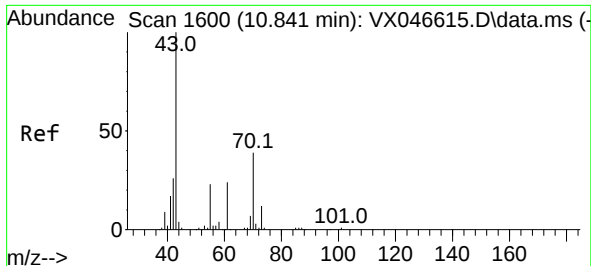


#46
Methyl methacrylate
Concen: 19.093 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16



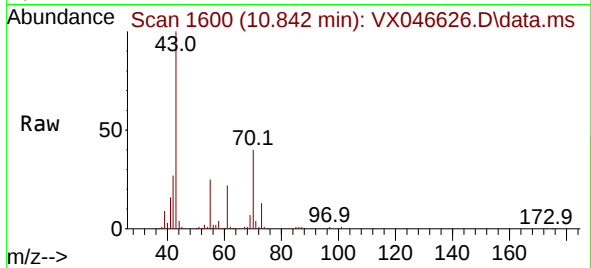
Tgt Ion: 41 Resp: 24809
Ion Ratio Lower Upper
41 100
69 75.6 38.7 116.1
39 52.2 27.7 83.1





#47
n-amy1 Acetate
Concen: 19.714 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

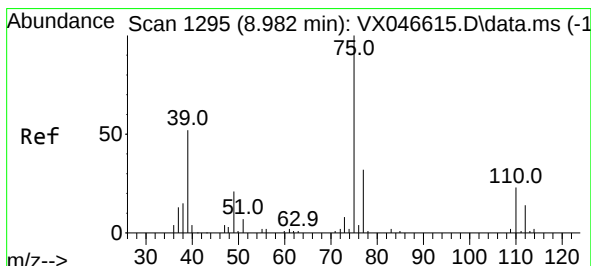
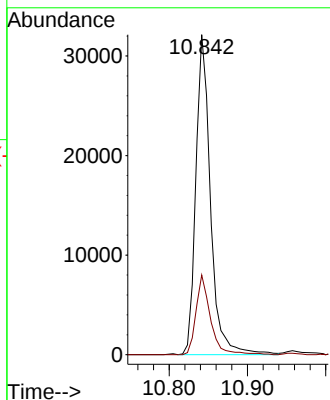
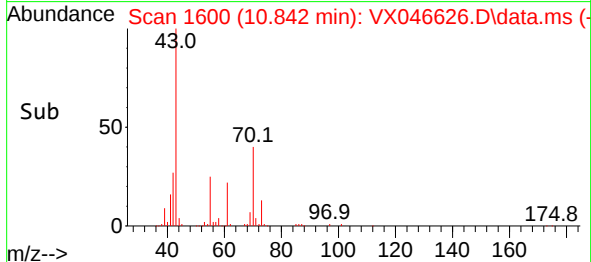
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 41964
Ion Ratio Lower Upper
43 100
55 24.2 19.4 29.2

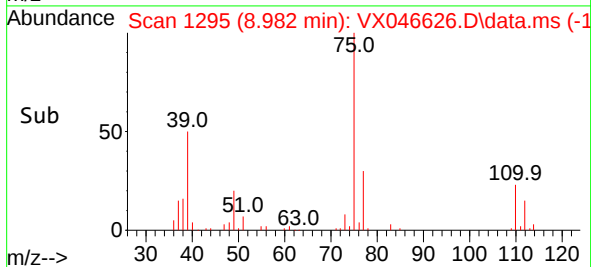
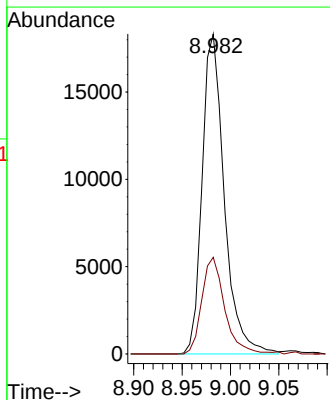
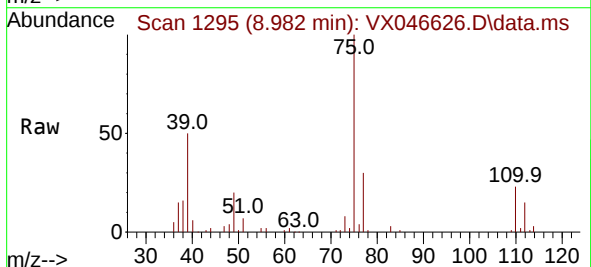
Manual Integrations
APPROVED

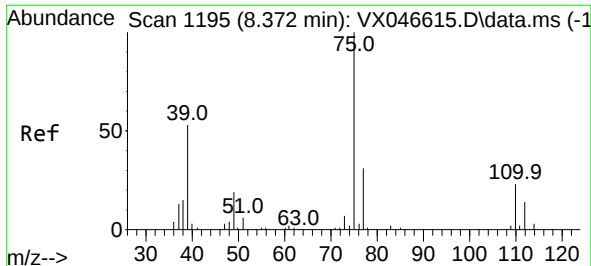
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#48
t-1,3-Dichloropropene
Concen: 18.120 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Tgt Ion: 75 Resp: 29226
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 18.332 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX046626.D

Acq: 11 Jun 2025 01:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 3301

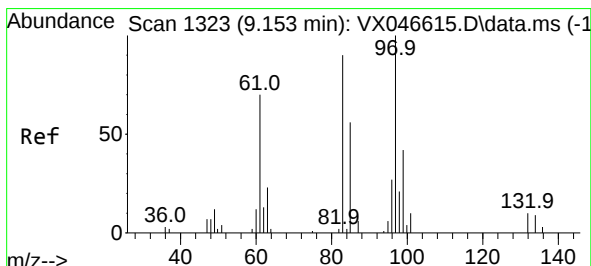
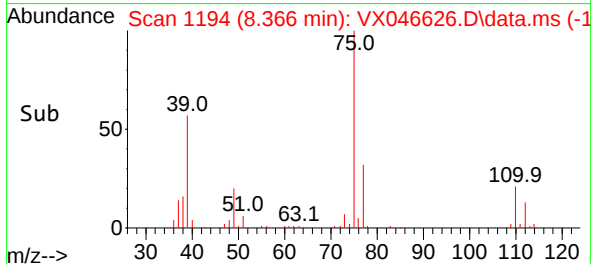
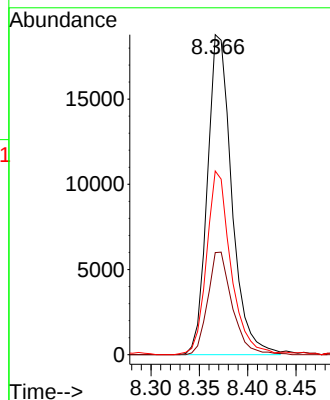
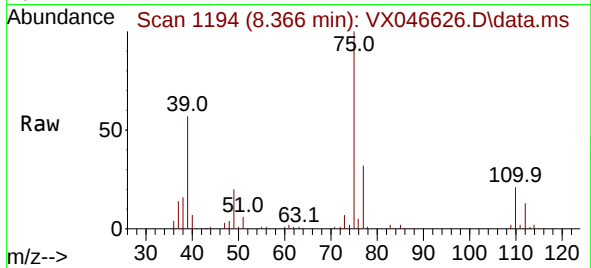
Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.6	36.8
39	57.0	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#50

1,1,2-Trichloroethane

Concen: 19.206 ug/l

RT: 9.153 min Scan# 1323

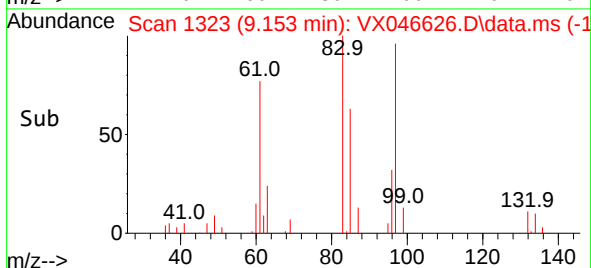
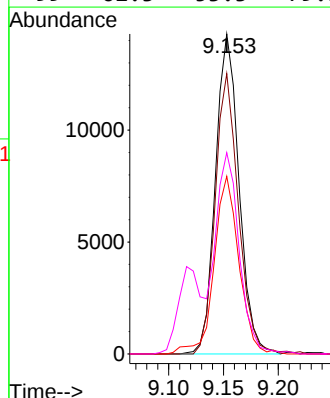
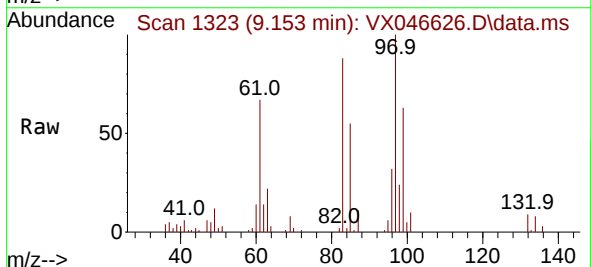
Delta R.T. 0.000 min

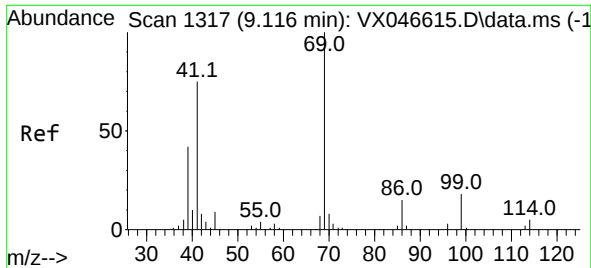
Lab File: VX046626.D

Acq: 11 Jun 2025 01:16

Tgt Ion: 97 Resp: 21377

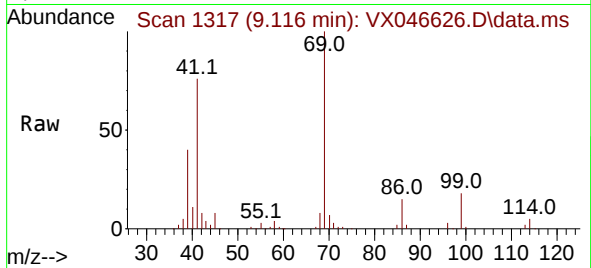
Ion	Ratio	Lower	Upper
97	100		
83	87.6	72.1	108.1
85	55.1	47.5	71.3
99	62.3	53.3	79.9





#51
Ethyl methacrylate
Concen: 18.819 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

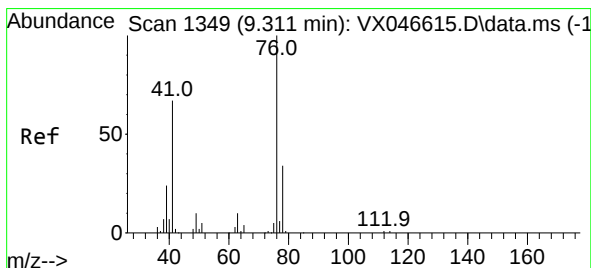
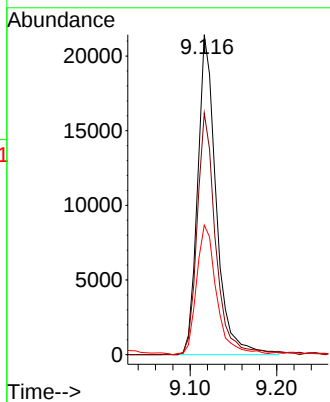
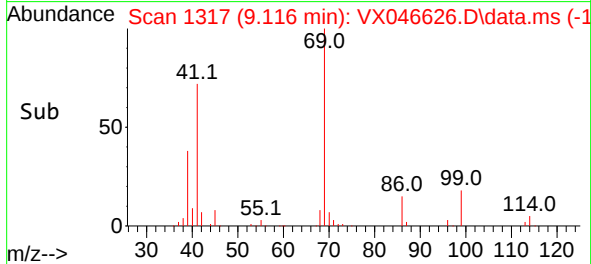
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 31850
Ion Ratio Lower Upper
69 100
41 75.6 37.4 112.2
39 40.1 20.8 62.5

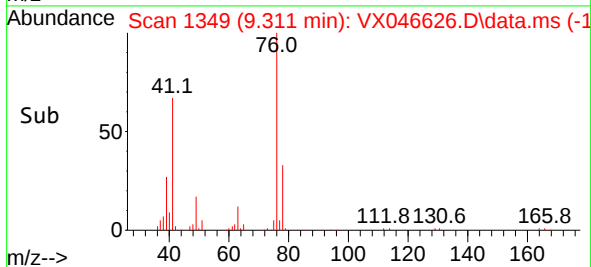
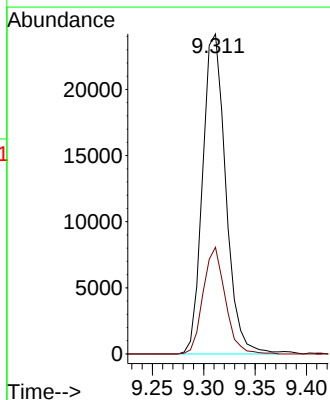
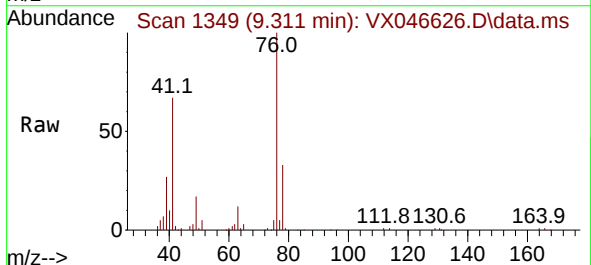
Manual Integrations
APPROVED

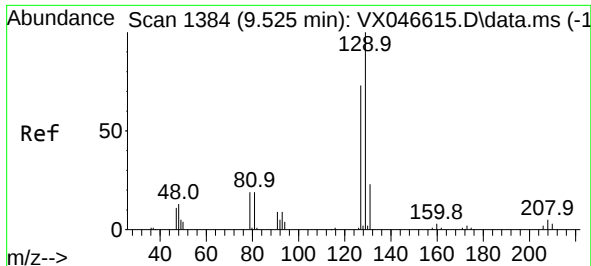
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#52
1,3-Dichloropropane
Concen: 19.597 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

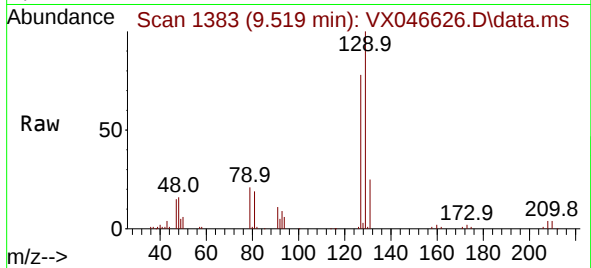
Tgt Ion: 76 Resp: 37994
Ion Ratio Lower Upper
76 100
78 31.8 0.0 62.6





#53
Dibromochloromethane
Concen: 19.070 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

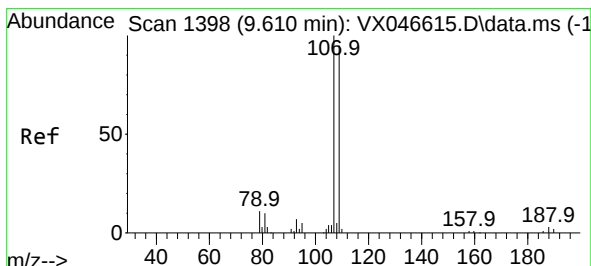
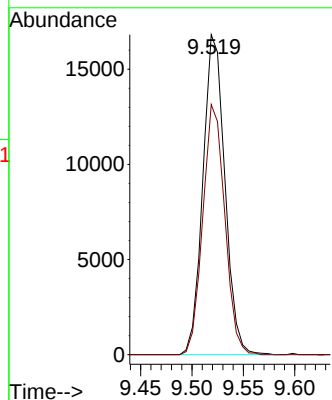
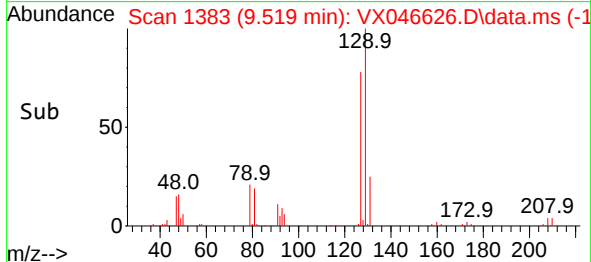
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 25018
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.9

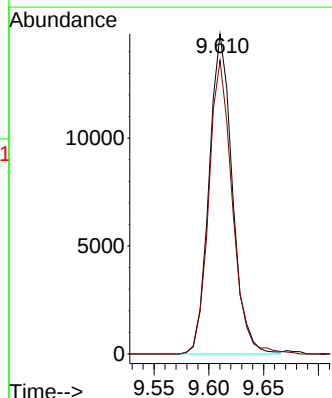
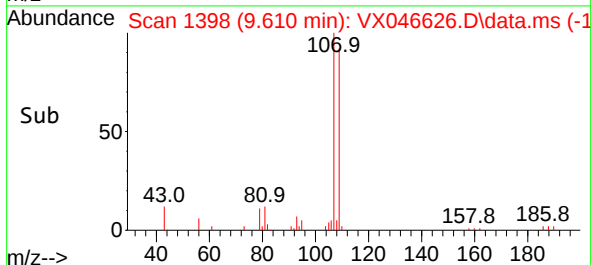
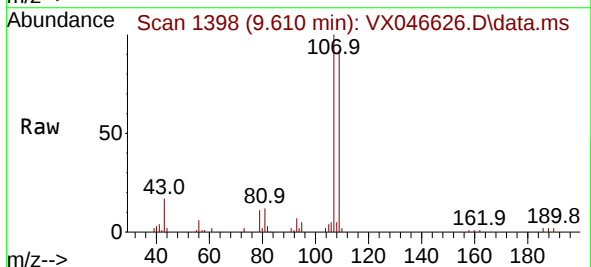
Manual Integrations
APPROVED

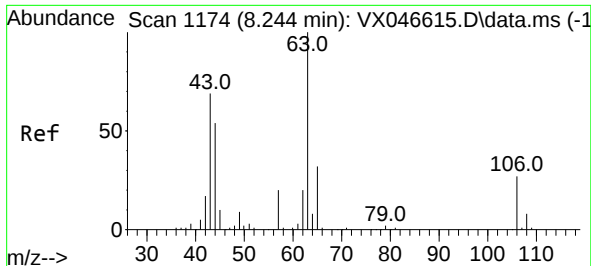
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#54
1,2-Dibromoethane
Concen: 18.672 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

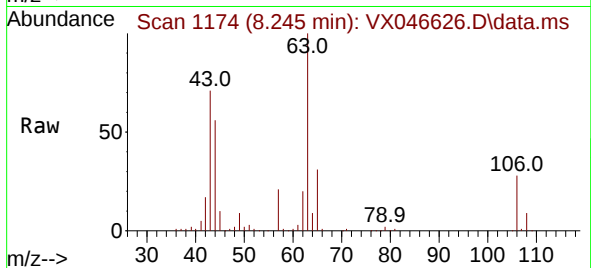
Tgt Ion:107 Resp: 21861
Ion Ratio Lower Upper
107 100
109 92.6 75.8 113.8





#55
2-Chloroethyl vinyl ether
Concen: 100.259 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

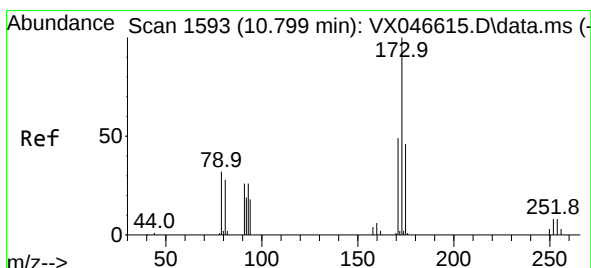
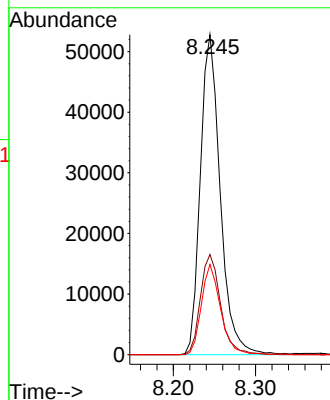
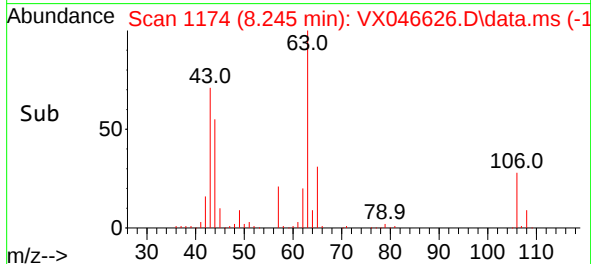
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 8861
Ion Ratio Lower Upper
63 100
65 31.7 25.2 37.8
106 27.1 21.8 32.6

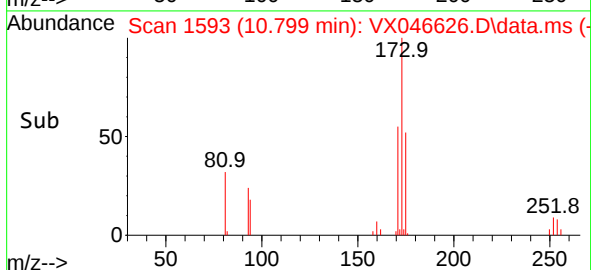
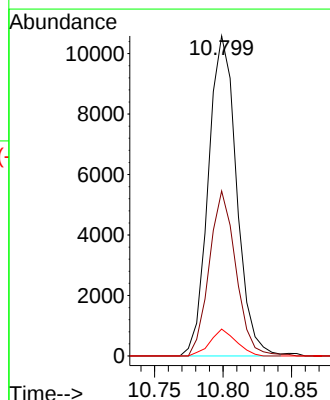
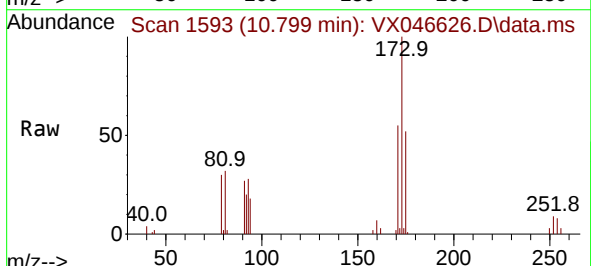
Manual Integrations
APPROVED

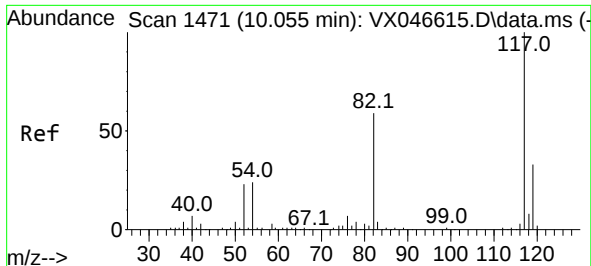
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#56
Bromoform
Concen: 18.693 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

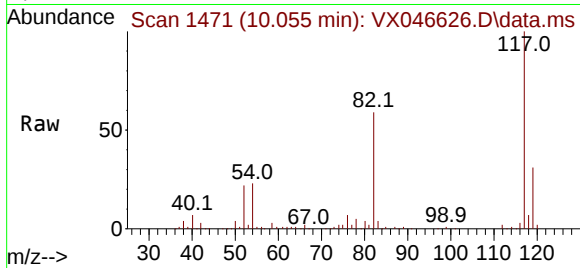
Tgt Ion:173 Resp: 15155
Ion Ratio Lower Upper
173 100
175 48.7 38.0 57.0
254 7.7 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

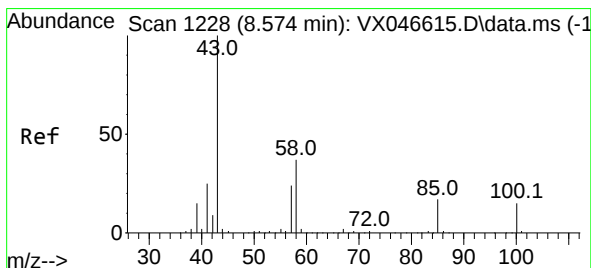
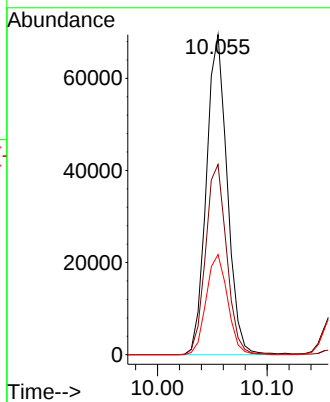
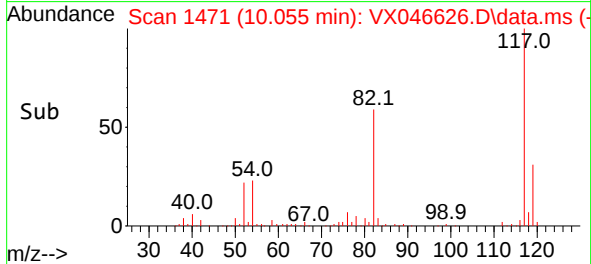
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 91860
Ion Ratio Lower Upper
117 100
82 60.1 46.5 69.7
119 32.2 25.8 38.6

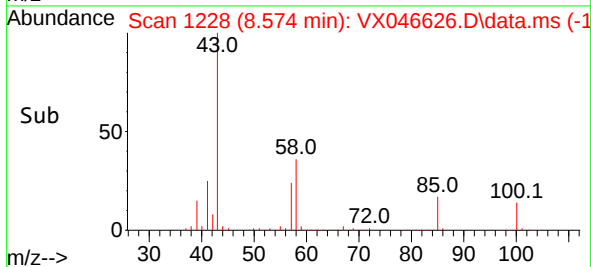
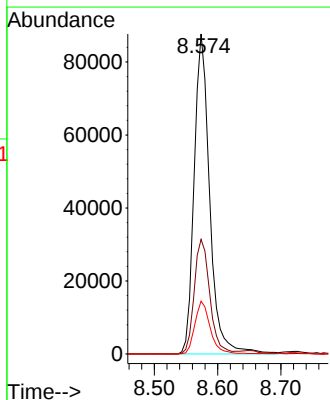
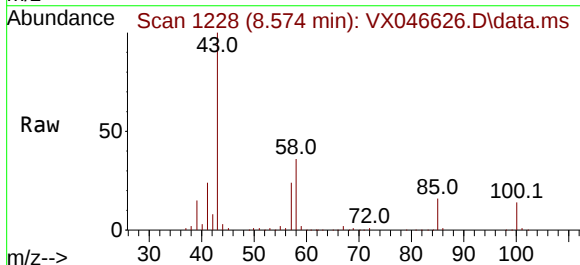
Manual Integrations
APPROVED

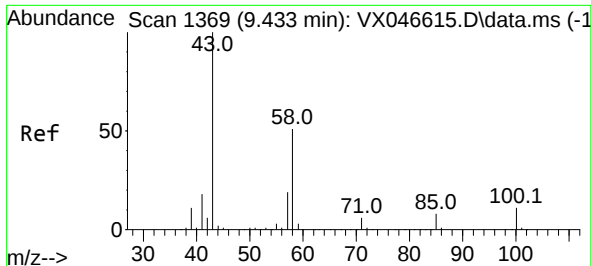
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#58
4-Methyl-2-Pentanone
Concen: 100.804 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Tgt Ion: 43 Resp: 150631
Ion Ratio Lower Upper
43 100
58 35.8 29.4 44.2
85 16.2 13.3 19.9





#59

2-Hexanone

Concen: 99.425 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX046626.D

Acq: 11 Jun 2025 01:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 43 Resp: 10481

Ion Ratio Lower Upper

43 100

58 50.8 39.8 59.8

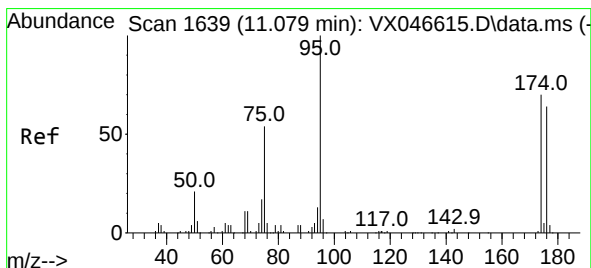
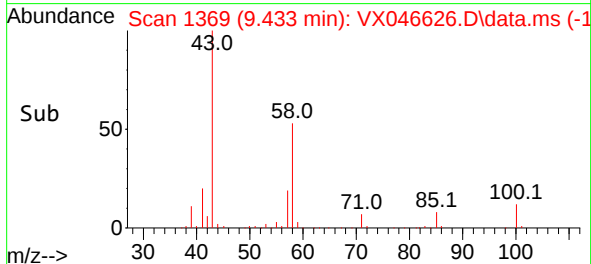
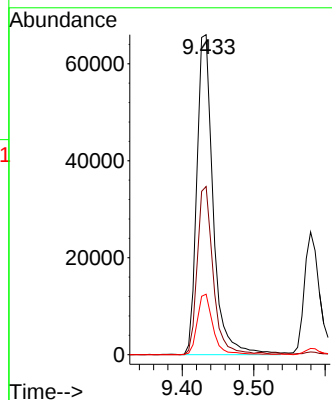
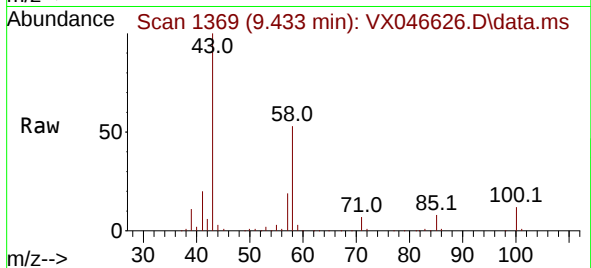
57 18.0 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/11/2025

Supervised By :Mahesh Dadoda 06/11/2025



#60

4-Bromofluorobenzene

Concen: 30.595 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX046626.D

Acq: 11 Jun 2025 01:16

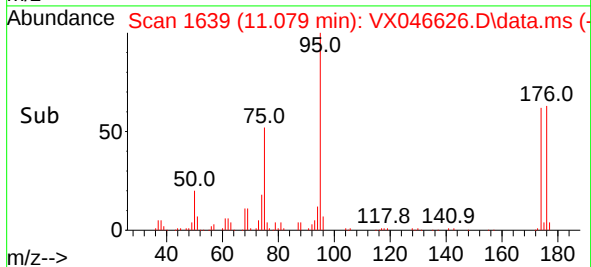
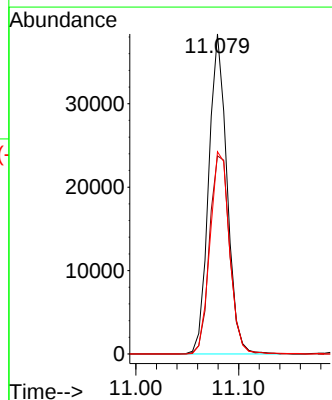
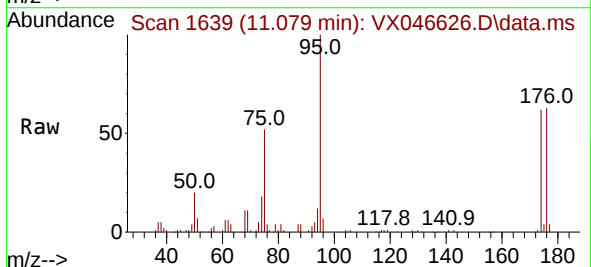
Tgt Ion: 95 Resp: 47375

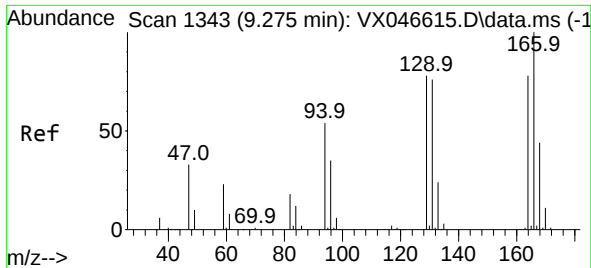
Ion Ratio Lower Upper

95 100

174 67.9 56.0 84.0

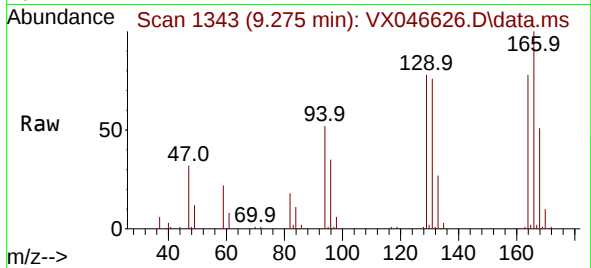
176 67.2 52.2 78.4





#61
Tetrachloroethene
Concen: 19.067 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

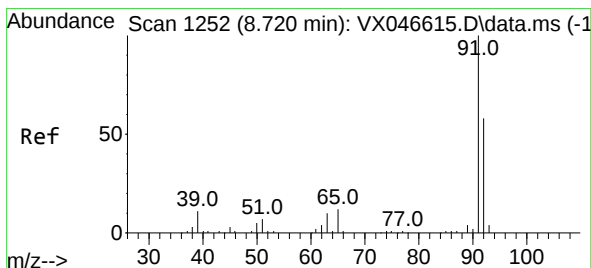
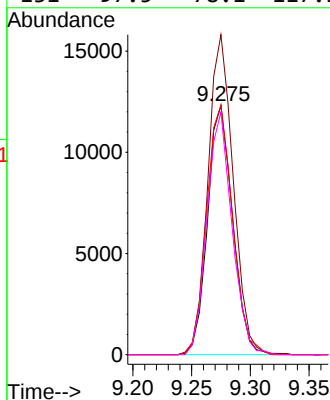
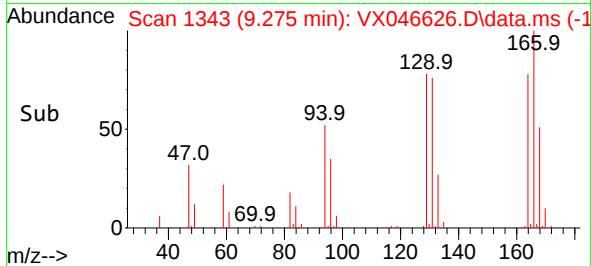
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:164 Resp: 1835
Ion Ratio Lower Upper
164 100
166 128.5 103.1 154.7
129 100.2 80.3 120.5
131 97.5 78.1 117.1

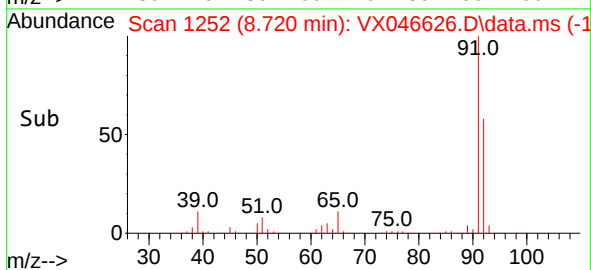
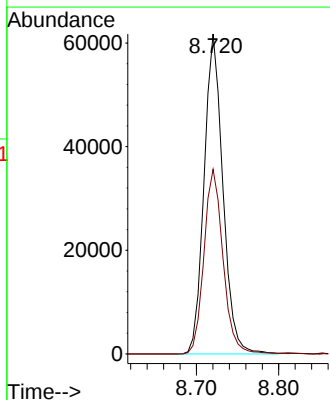
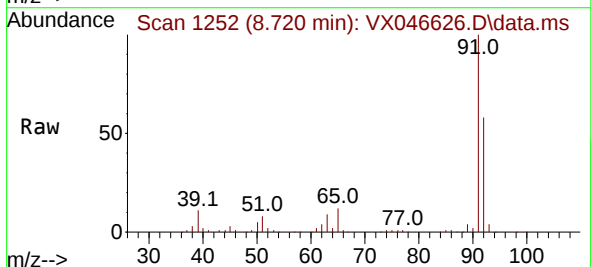
Manual Integrations
APPROVED

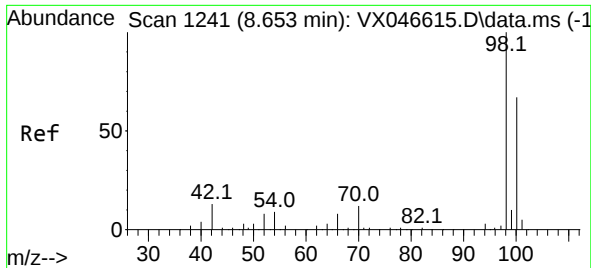
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#62
Toluene
Concen: 19.729 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Tgt Ion: 91 Resp: 98221
Ion Ratio Lower Upper
91 100
92 58.4 46.8 70.2





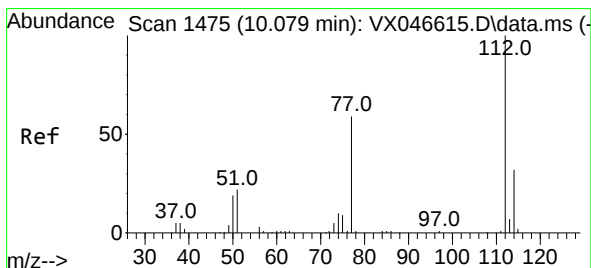
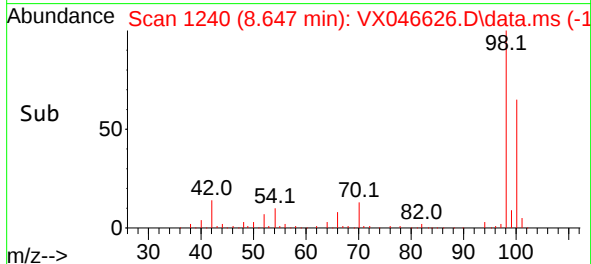
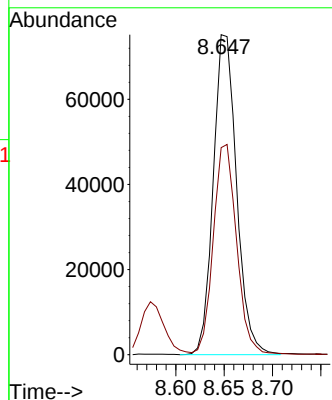
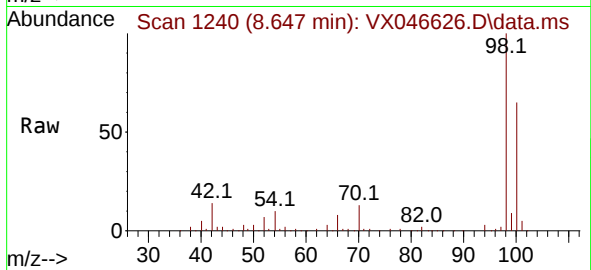
#63
Toluene-d8
Concen: 30.700 ug/l
RT: 8.647 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 98 Resp: 125975
Ion Ratio Lower Upper
98 100
100 65.9 52.6 79.0

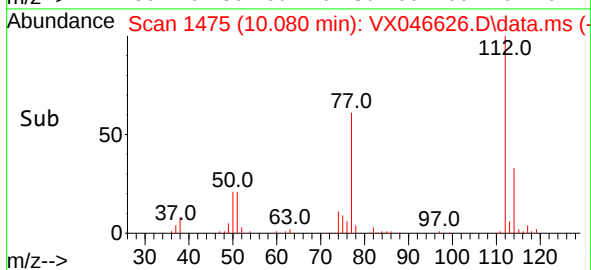
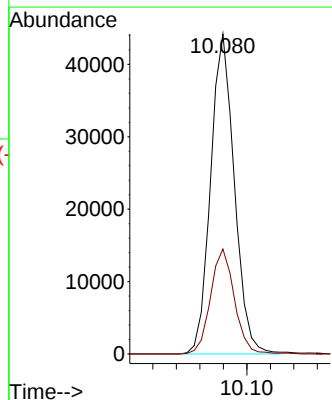
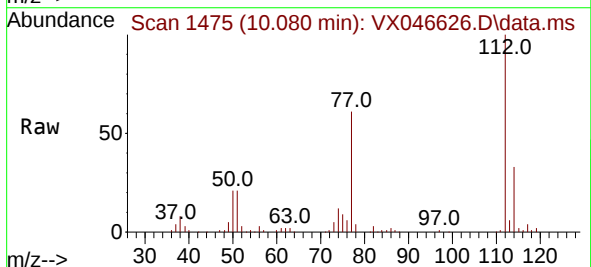
Manual Integrations
APPROVED

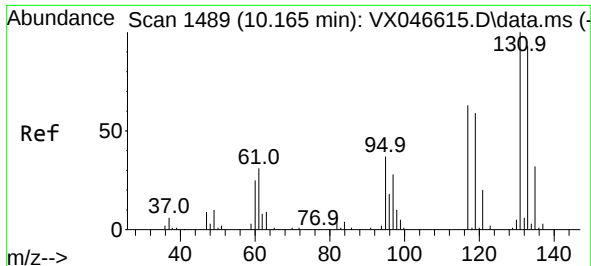
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#64
Chlorobenzene
Concen: 19.318 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

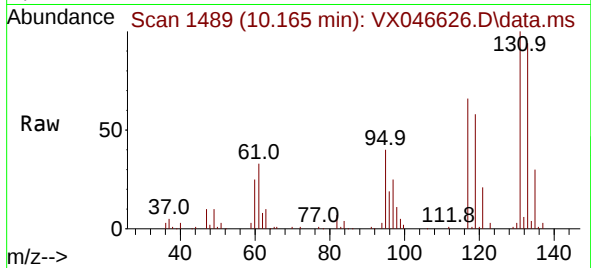
Tgt Ion:112 Resp: 62033
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.0





#65
1,1,1,2-Tetrachloroethane
Concen: 19.423 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

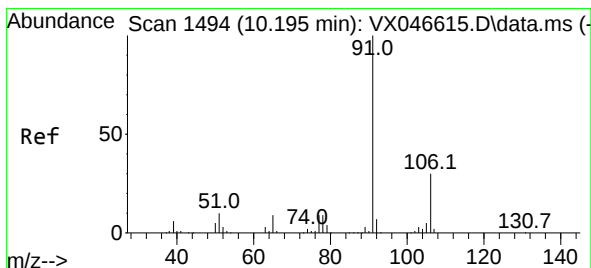
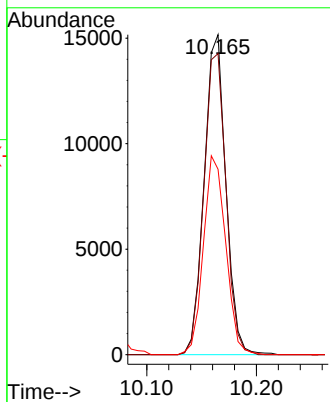
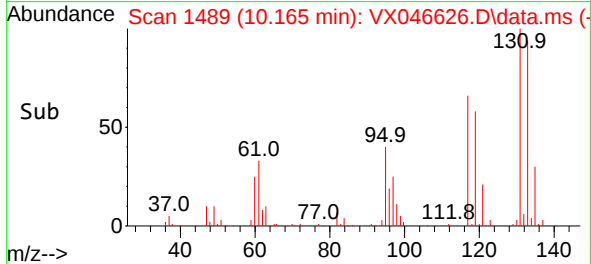
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 2090
Ion Ratio Lower Upper
131 100
133 95.8 0.0 190.6
119 63.7 0.0 131.2

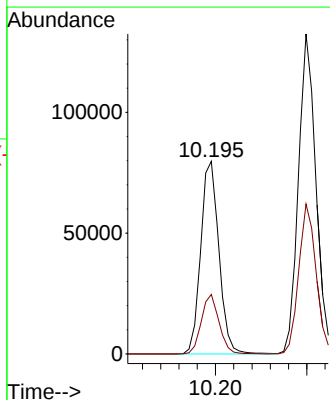
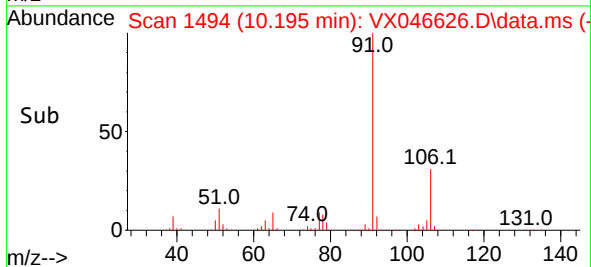
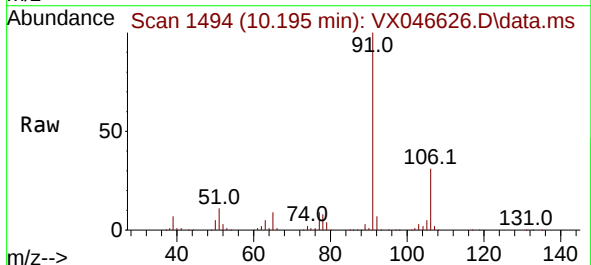
Manual Integrations
APPROVED

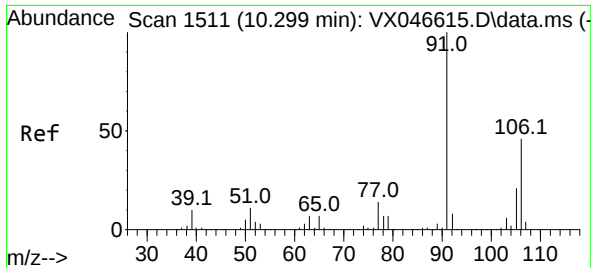
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#66
Ethyl Benzene
Concen: 19.373 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Tgt Ion: 91 Resp: 110127
Ion Ratio Lower Upper
91 100
106 30.9 23.9 35.9





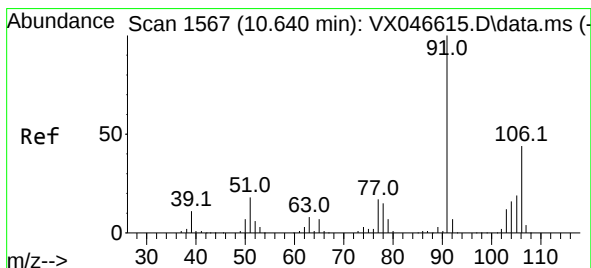
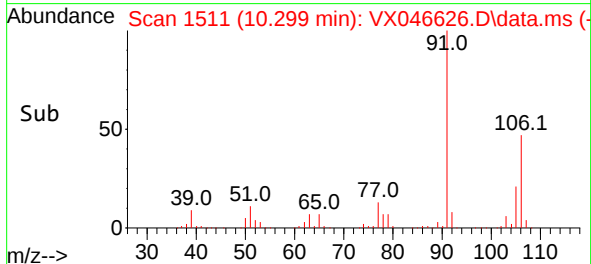
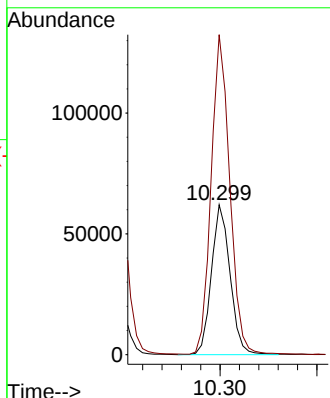
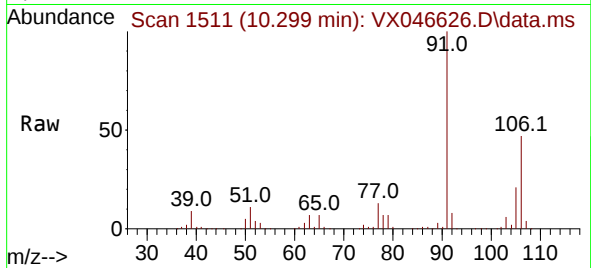
#67
m/p-Xylenes
Concen: 39.482 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 83010
Ion Ratio Lower Upper
106 100
91 214.2 171.5 257.3

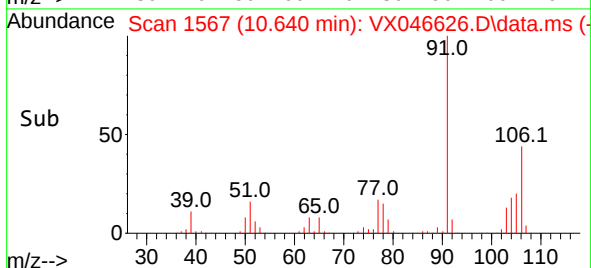
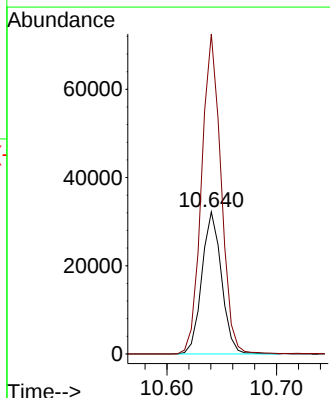
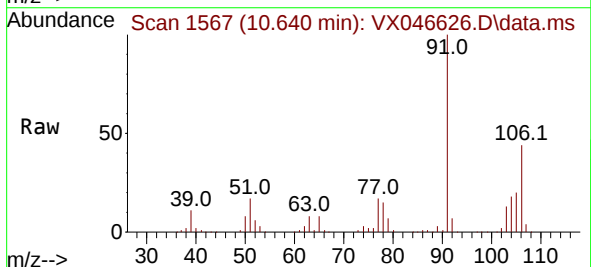
Manual Integrations
APPROVED

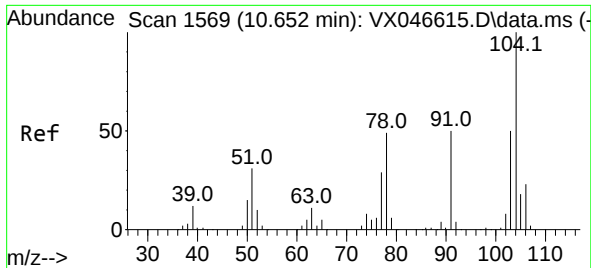
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#68
o-Xylene
Concen: 19.806 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Tgt Ion:106 Resp: 40098
Ion Ratio Lower Upper
106 100
91 223.6 112.3 336.9





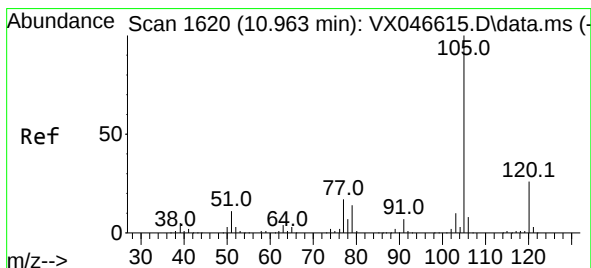
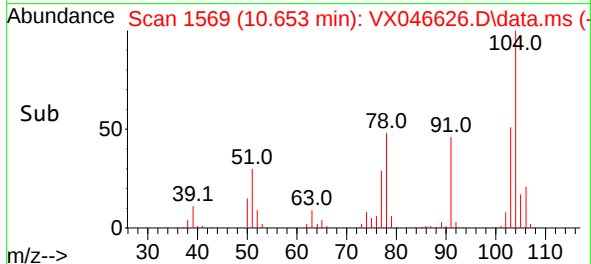
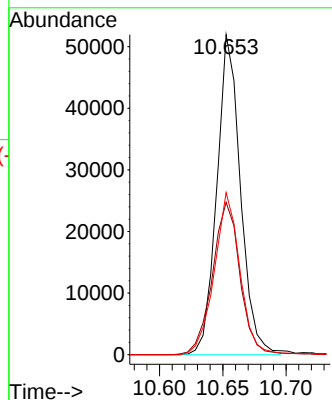
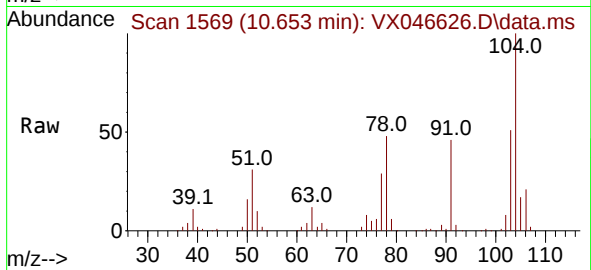
#69
Styrene
Concen: 19.421 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:104 Resp: 6739
Ion Ratio Lower Upper
104 100
78 55.9 43.1 64.7
103 55.0 42.9 64.3

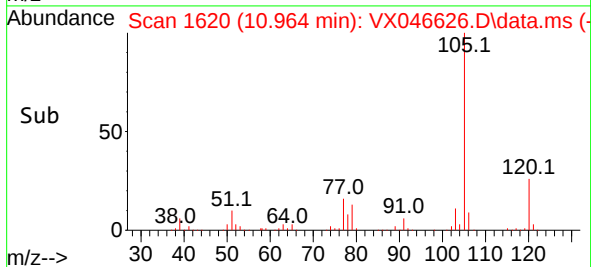
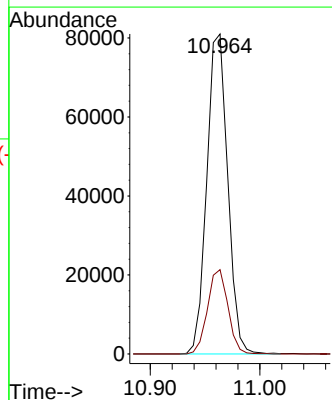
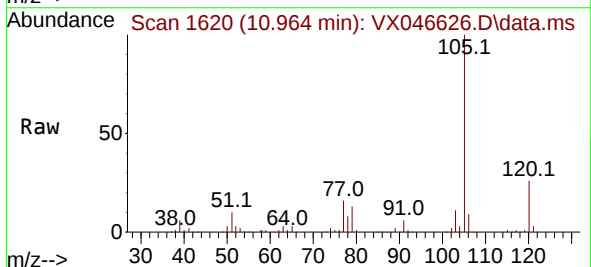
Manual Integrations
APPROVED

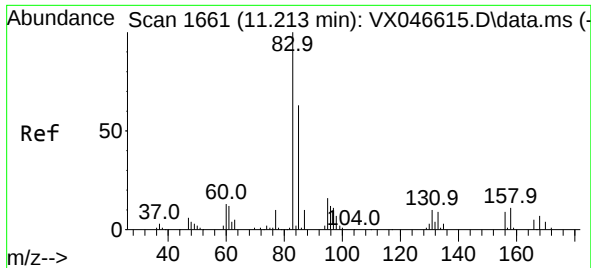
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#70
Isopropylbenzene
Concen: 19.748 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

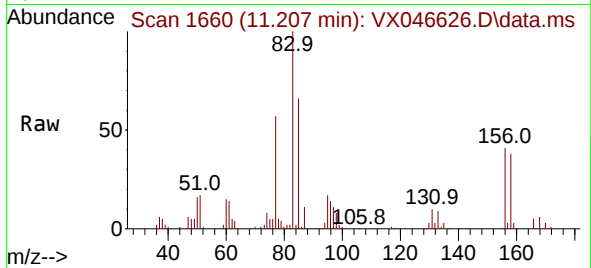
Tgt Ion:105 Resp: 107291
Ion Ratio Lower Upper
105 100
120 25.7 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.680 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

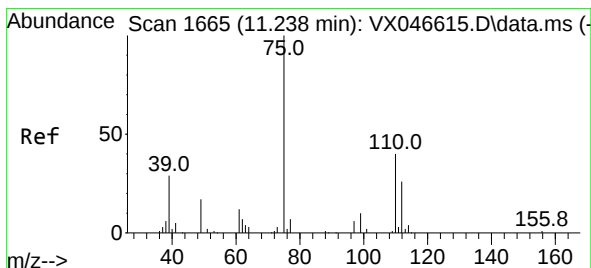
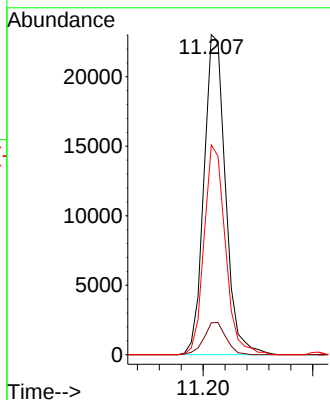
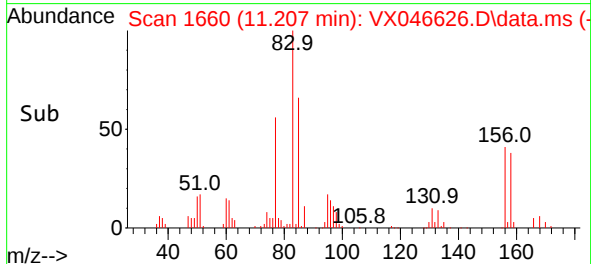
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 83 Resp: 31409
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 64.7 31.5 94.5

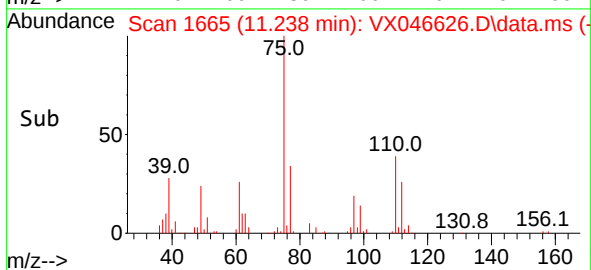
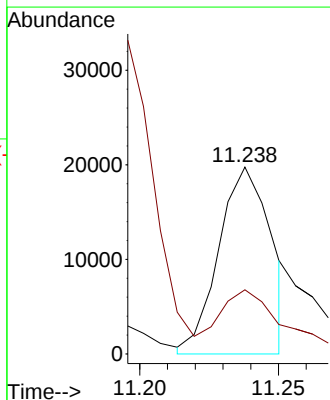
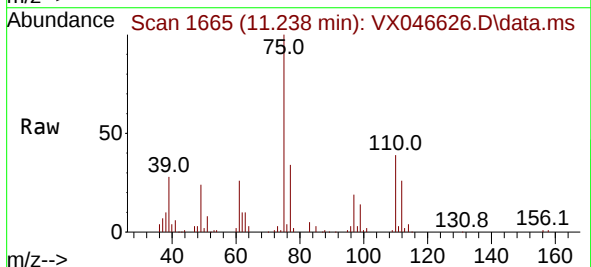
Manual Integrations
APPROVED

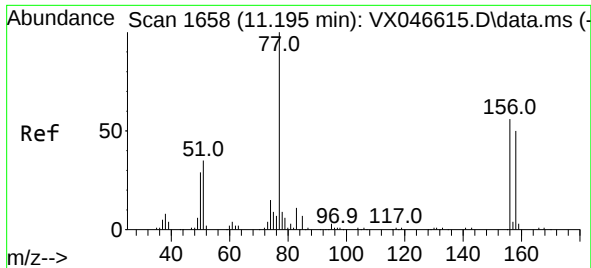
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#72
1,2,3-Trichloropropane
Concen: 19.460 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Tgt Ion: 75 Resp: 25928
Ion Ratio Lower Upper
75 100
77 43.1 0.0 82.6





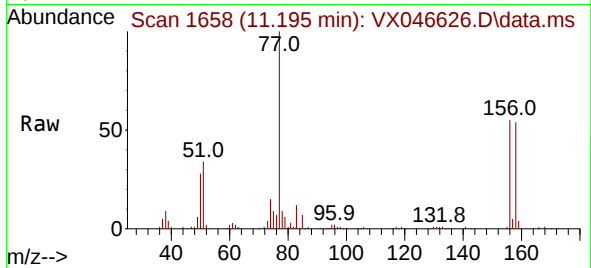
#73
Bromobenzene
Concen: 19.607 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



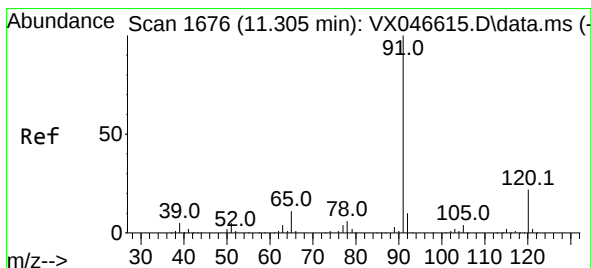
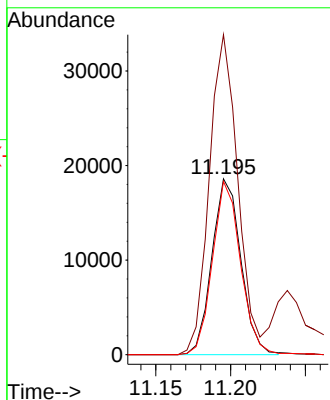
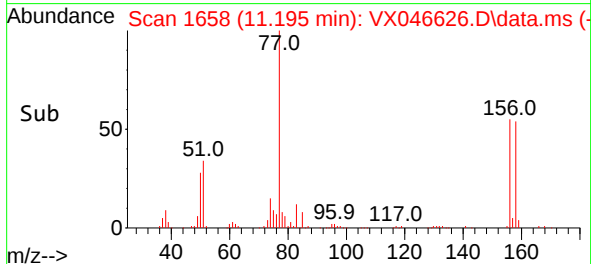
Tgt Ion:156 Resp: 24970
Ion Ratio Lower Upper
156 100
77 179.2 0.0 358.6
158 95.4 0.0 192.0

Manual Integrations

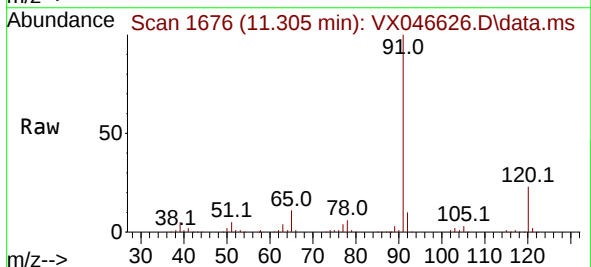
APPROVED

Reviewed By :John Carlone 06/11/2025

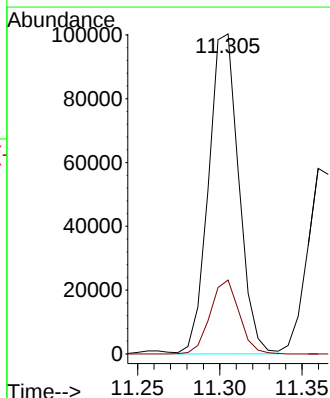
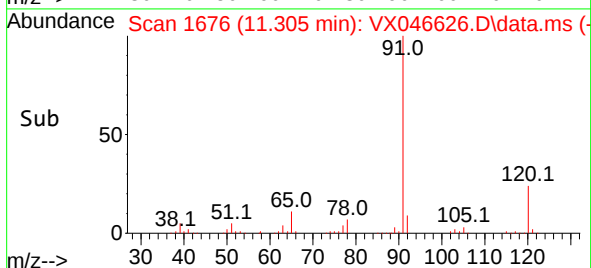
Supervised By :Mahesh Dadoda 06/11/2025

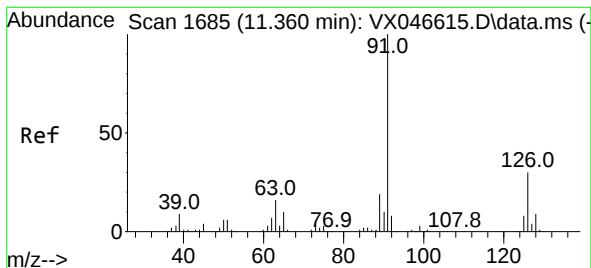


#74
n-propylbenzene
Concen: 19.732 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16



Tgt Ion: 91 Resp: 128189
Ion Ratio Lower Upper
91 100
120 22.2 0.0 43.8





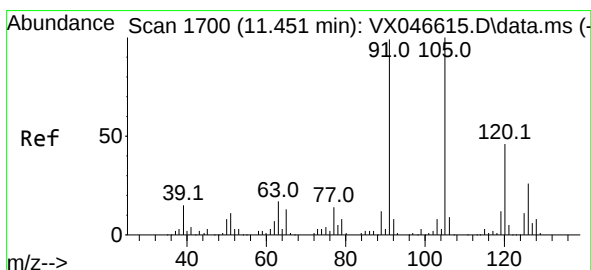
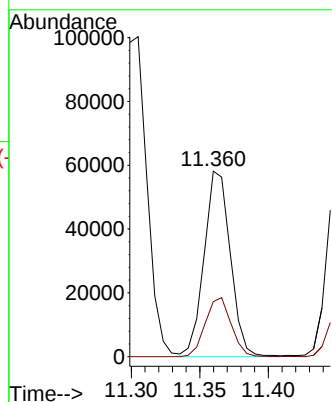
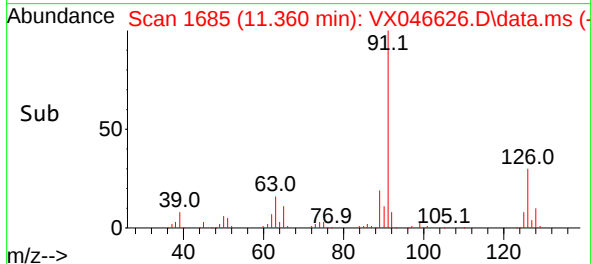
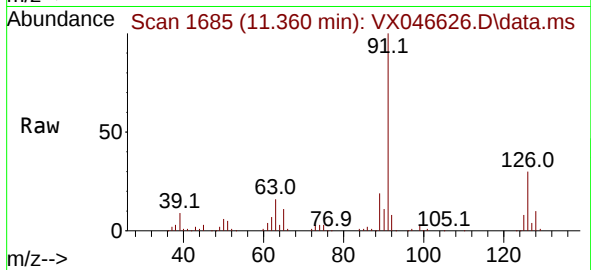
#75
2-Chlorotoluene
Concen: 19.932 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 7752
Ion Ratio Lower Upper
91 100
126 31.4 0.0 63.0

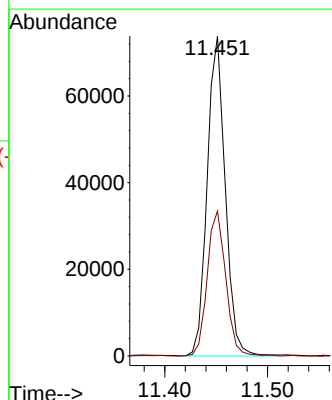
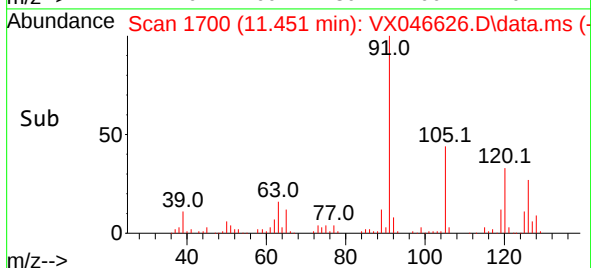
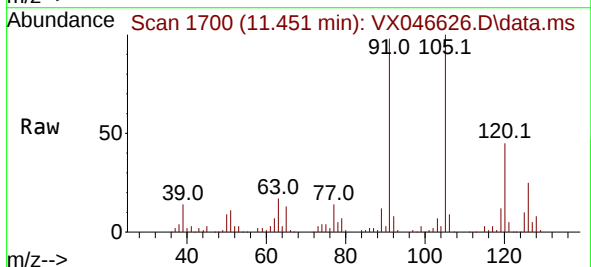
Manual Integrations
APPROVED

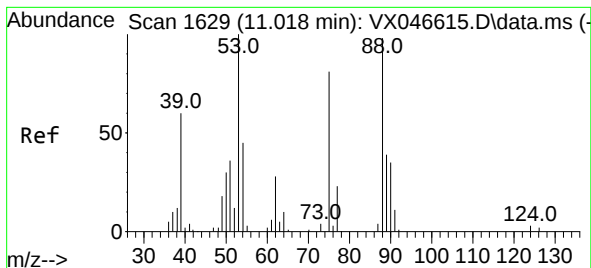
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.964 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Tgt Ion:105 Resp: 90121
Ion Ratio Lower Upper
105 100
120 46.3 0.0 92.8





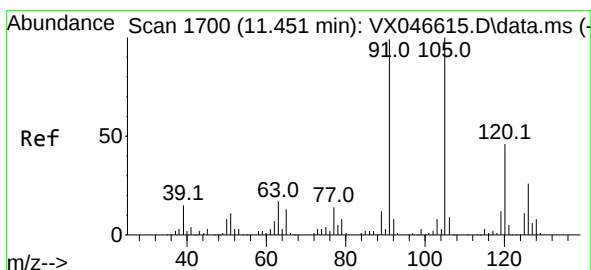
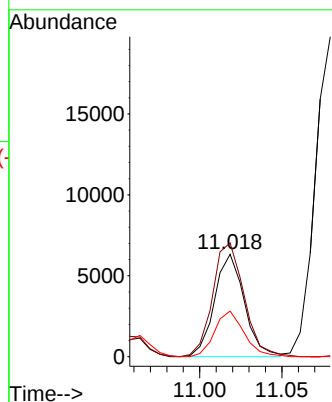
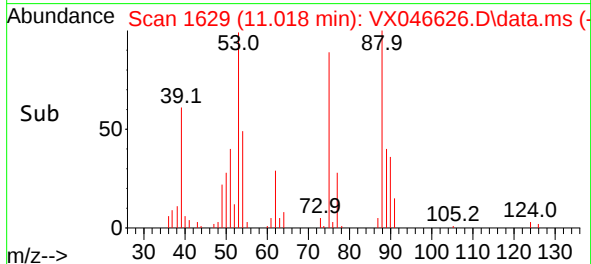
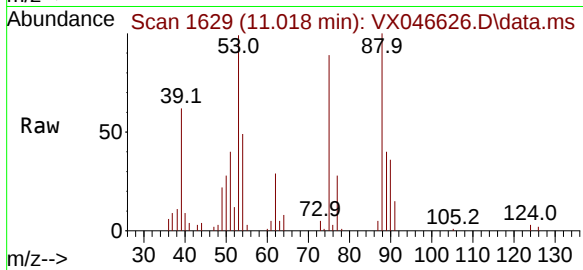
#77
t-1,4-Dichloro-2-butene
Concen: 17.783 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 75 Resp: 8004
Ion Ratio Lower Upper
75 100
53 111.1 61.9 185.7
89 44.6 24.0 72.0

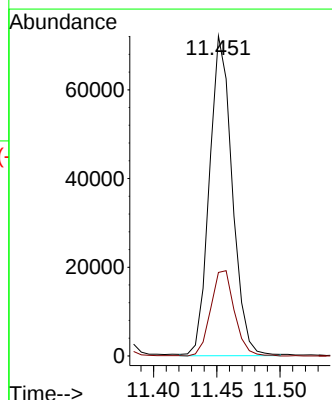
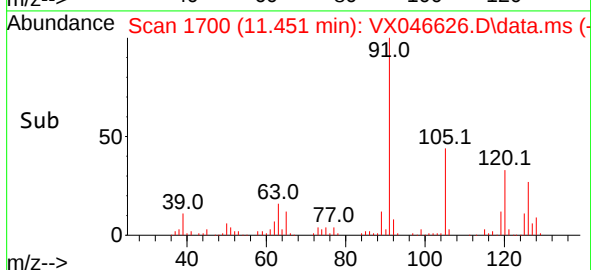
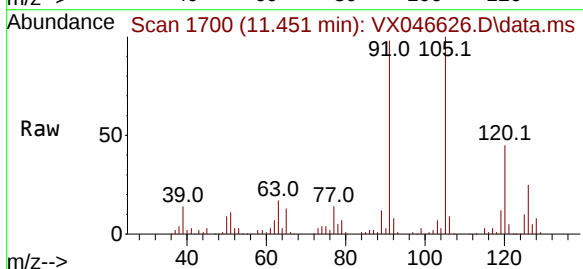
Manual Integrations
APPROVED

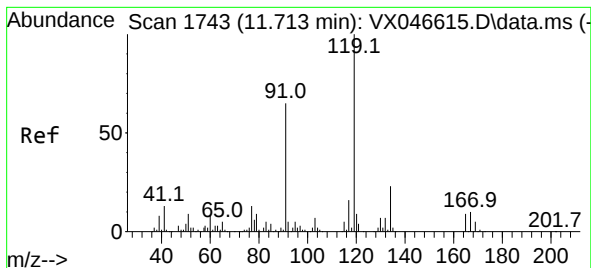
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#78
4-Chlorotoluene
Concen: 20.116 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Tgt Ion: 91 Resp: 90517
Ion Ratio Lower Upper
91 100
126 27.8 0.0 55.0





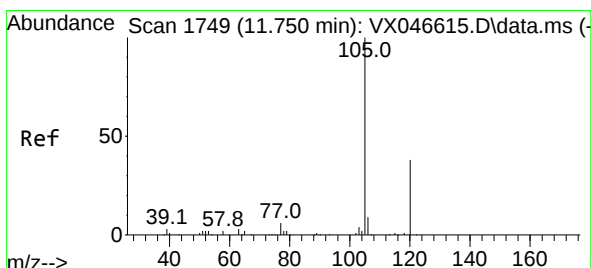
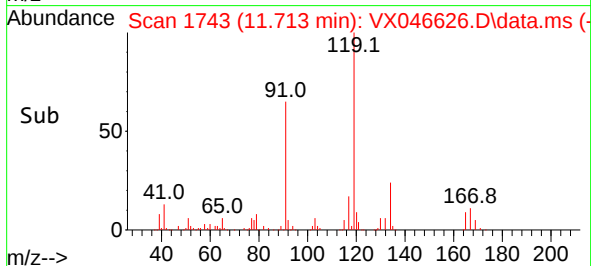
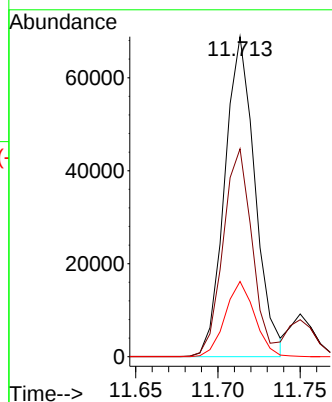
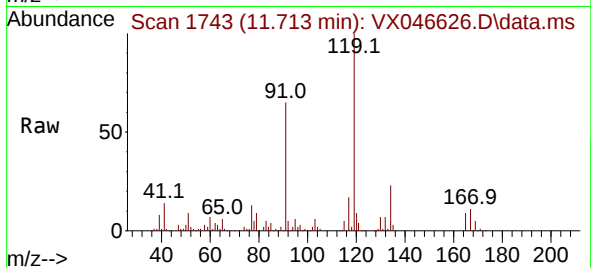
#79
tert-butylbenzene
Concen: 19.613 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:119 Resp: 88290
Ion Ratio Lower Upper
119 100
91 61.9 0.0 126.0
134 22.9 0.0 45.6

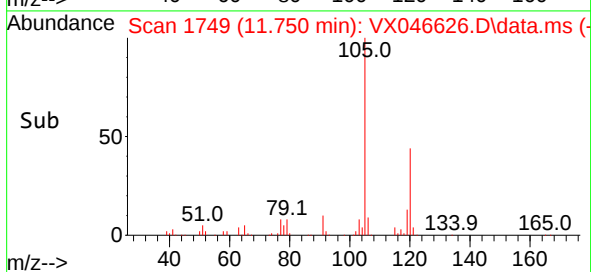
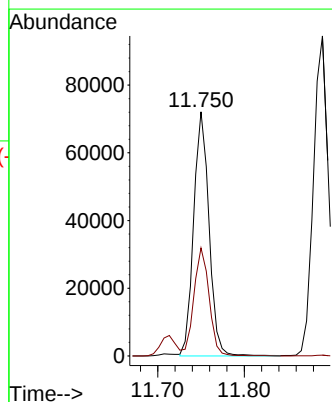
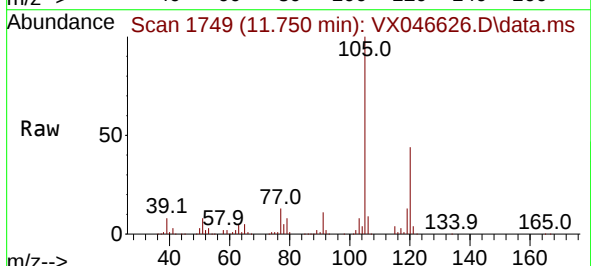
Manual Integrations
APPROVED

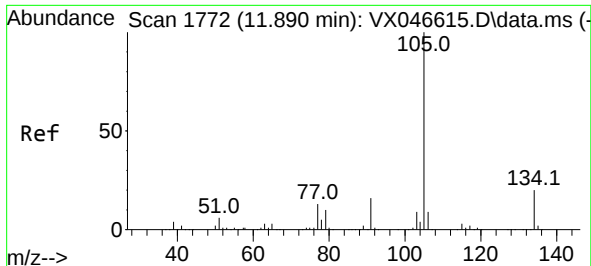
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.988 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

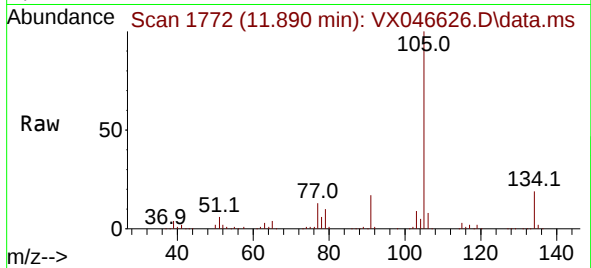
Tgt Ion:105 Resp: 89109
Ion Ratio Lower Upper
105 100
120 43.9 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 19.743 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046626.D
 Acq: 11 Jun 2025 01:16

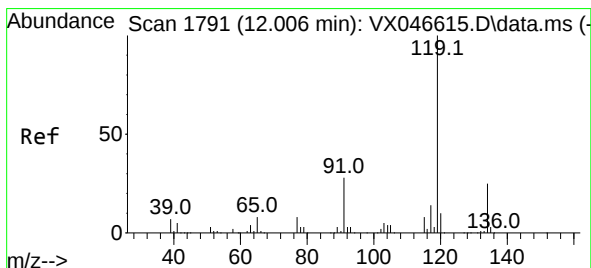
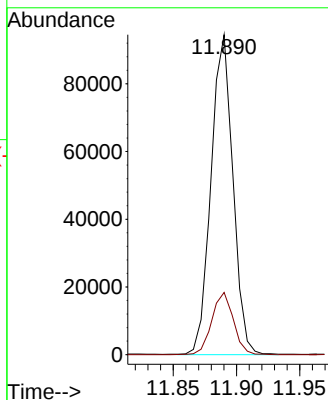
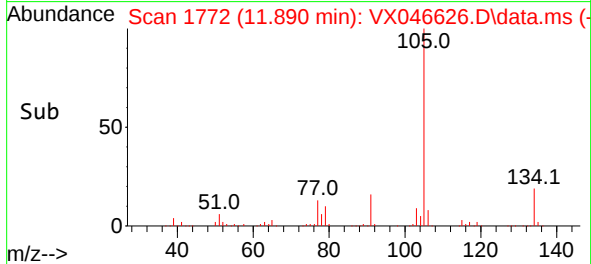
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



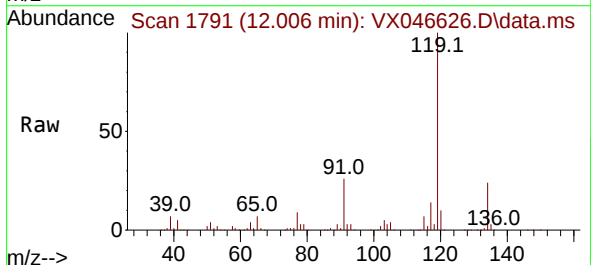
Tgt Ion:105 Resp: 113739
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.4

Manual Integrations
 APPROVED

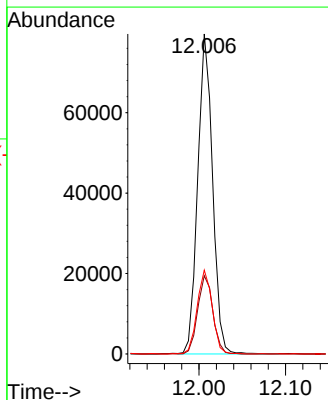
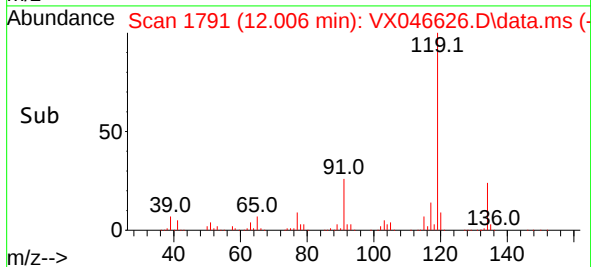
Reviewed By :John Carlone 06/11/2025
 Supervised By :Mahesh Dadoda 06/11/2025

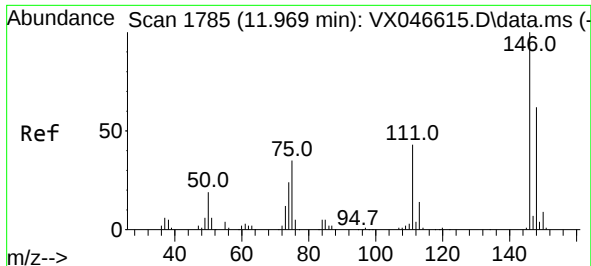


#82
 p-Isopropyltoluene
 Concen: 20.030 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046626.D
 Acq: 11 Jun 2025 01:16



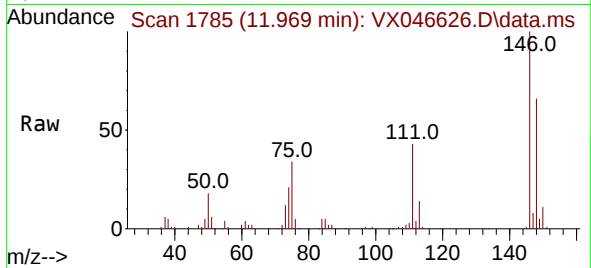
Tgt Ion:119 Resp: 94709
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 50.0
 91 26.5 0.0 54.0





#83
1,3-Dichlorobenzene
Concen: 19.873 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

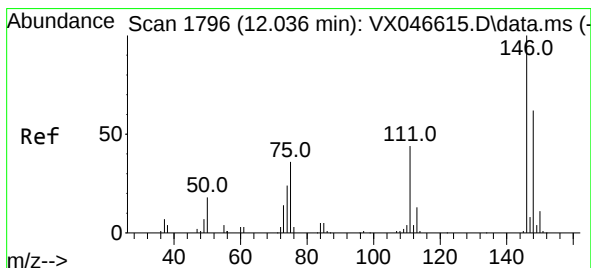
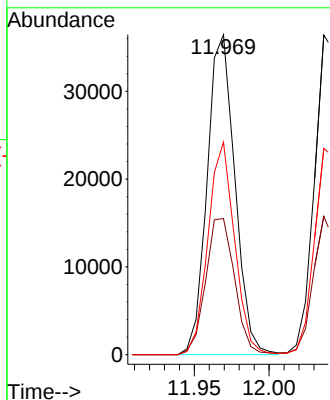
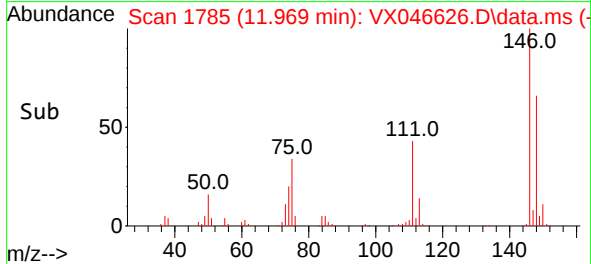
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



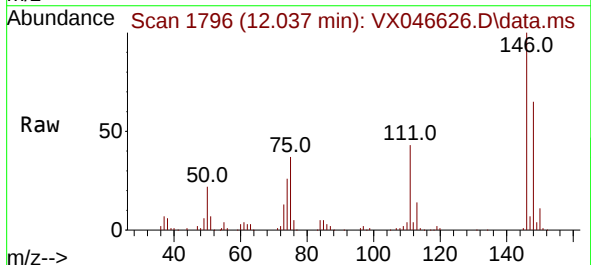
Tgt Ion:146 Resp: 47111
Ion Ratio Lower Upper
146 100
111 44.5 21.9 65.8
148 63.6 32.0 96.2

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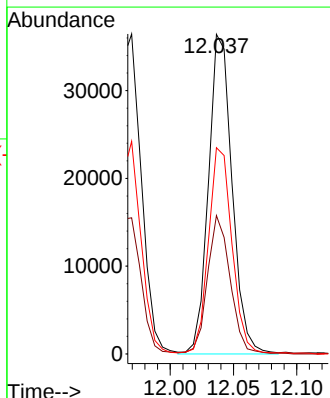
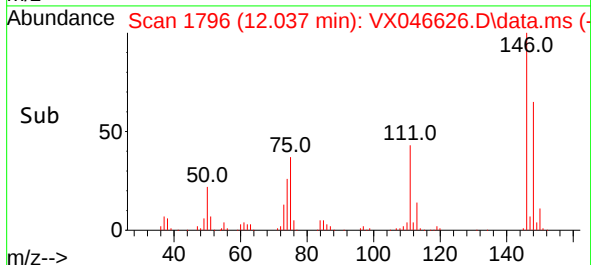
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

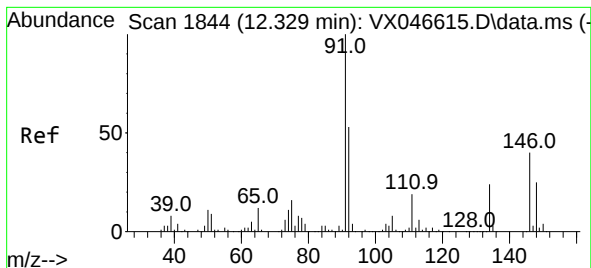


#84
1,4-Dichlorobenzene
Concen: 19.871 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16



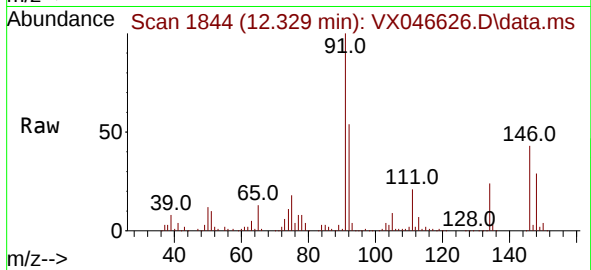
Tgt Ion:146 Resp: 47372
Ion Ratio Lower Upper
146 100
111 41.5 21.3 63.7
148 64.3 31.4 94.3





#85
n-Butylbenzene
Concen: 19.406 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

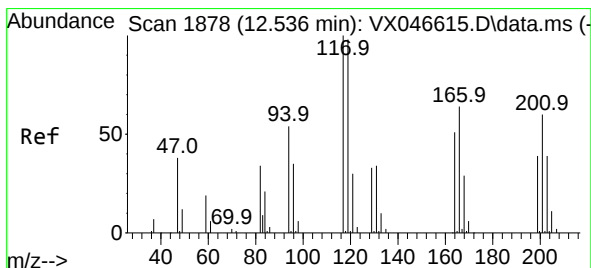
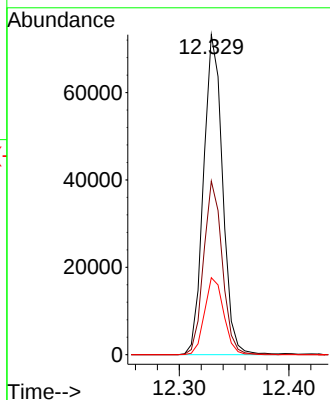
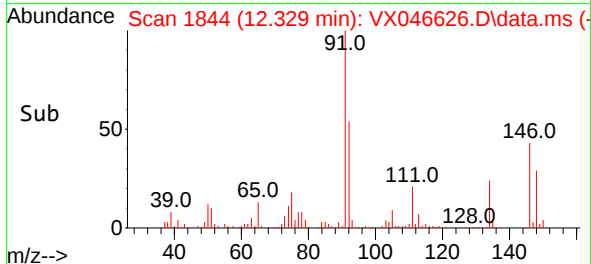
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 88390
Ion Ratio Lower Upper
91 100
92 53.1 0.0 106.4
134 24.2 0.0 48.8

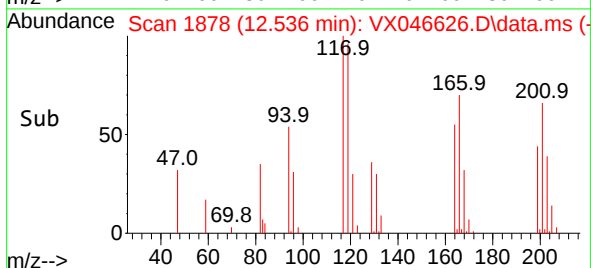
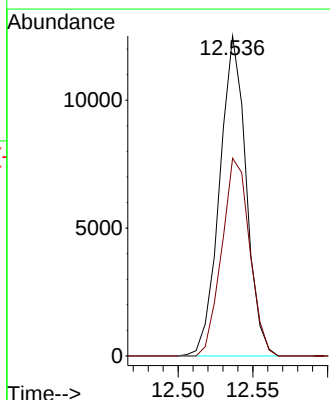
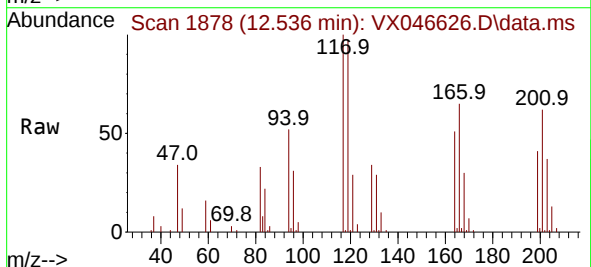
Manual Integrations
APPROVED

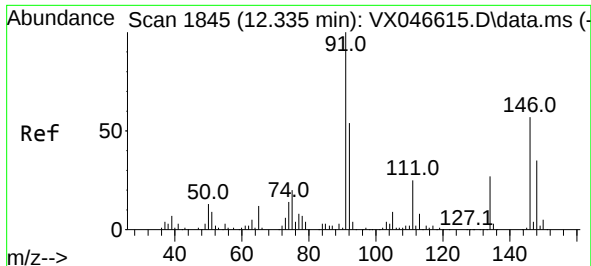
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



#86
Hexachloroethane
Concen: 18.771 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

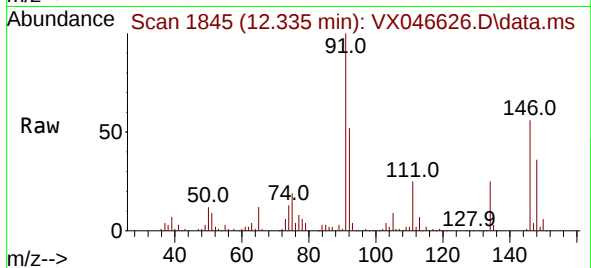
Tgt Ion:117 Resp: 15414
Ion Ratio Lower Upper
117 100
201 65.1 31.7 95.1





#87
1,2-Dichlorobenzene
Concen: 19.767 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

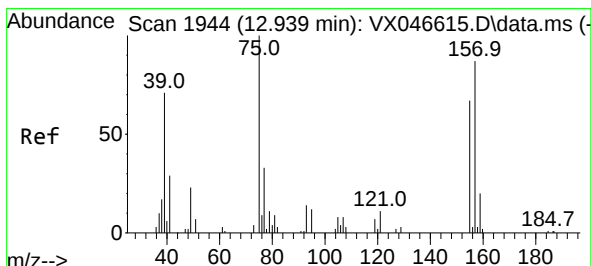
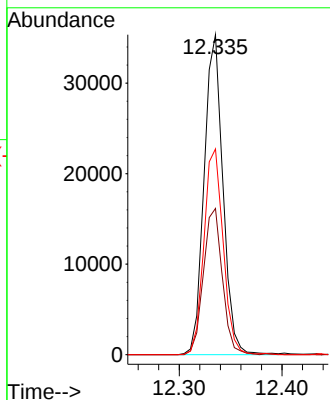
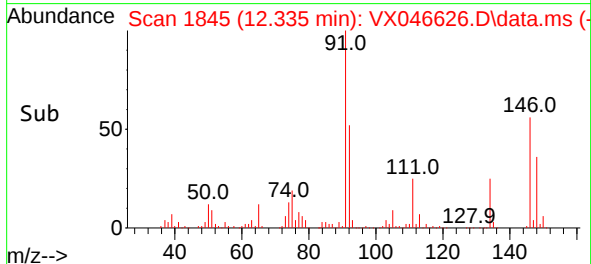
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



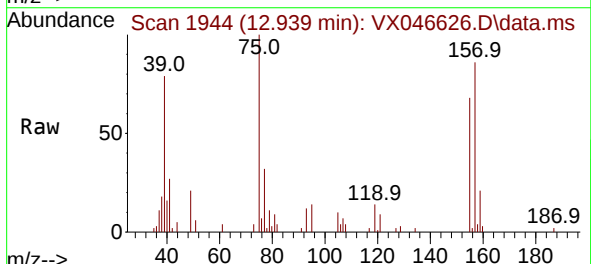
Tgt Ion:146 Resp: 4508
Ion Ratio Lower Upper
146 100
111 46.0 22.9 68.5
148 65.7 31.6 94.8

Manual Integrations
APPROVED

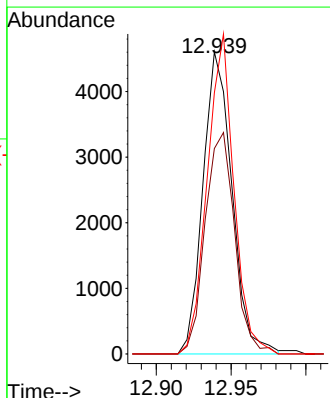
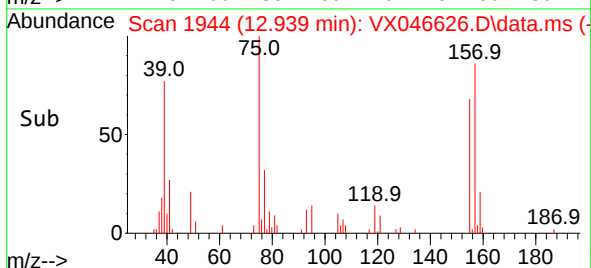
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

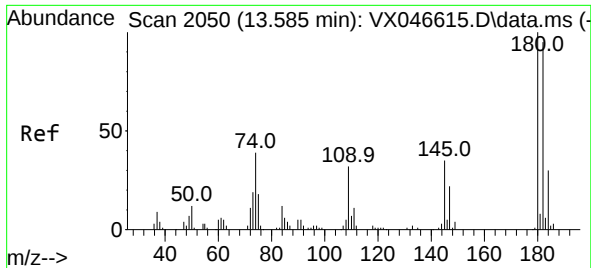


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.932 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16



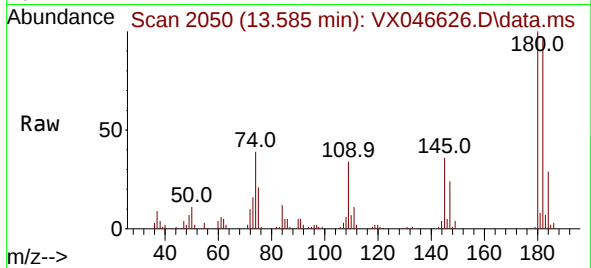
Tgt Ion: 75 Resp: 6233
Ion Ratio Lower Upper
75 100
155 74.3 59.4 89.2
157 97.2 75.0 112.6





#89
1,2,4-Trichlorobenzene
Concen: 19.513 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

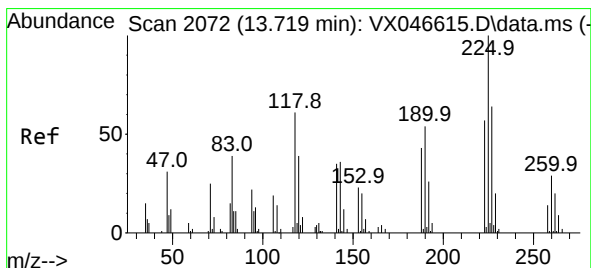
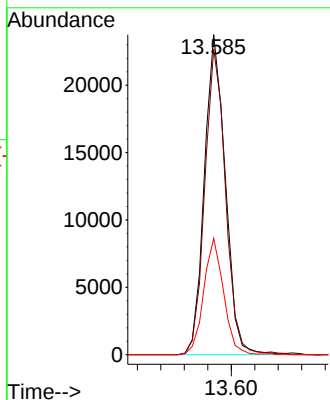
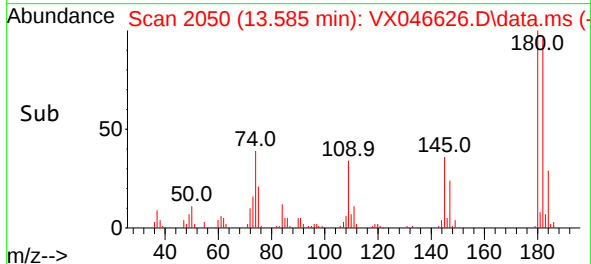
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



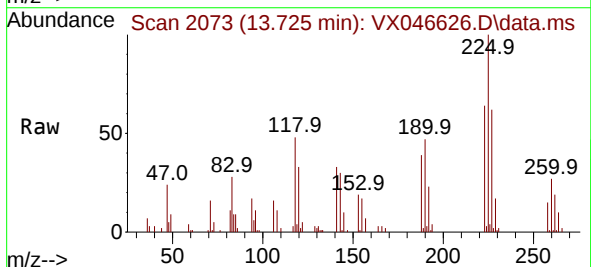
Tgt Ion:180 Resp: 29340
Ion Ratio Lower Upper
180 100
182 94.7 75.0 112.6
145 34.5 27.4 41.0

Manual Integrations
APPROVED

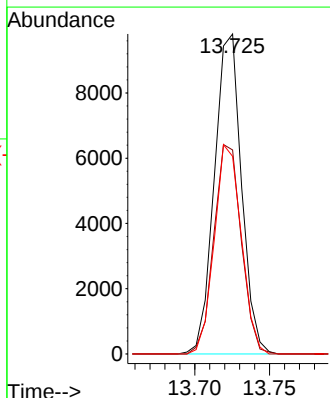
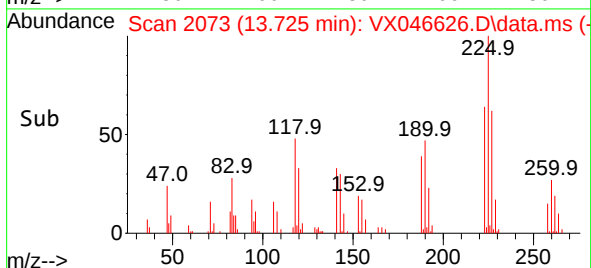
Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

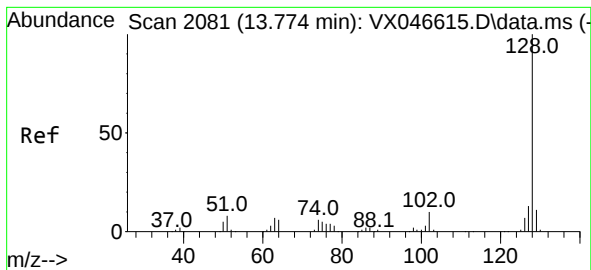


#90
Hexachlorobutadiene
Concen: 18.678 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16



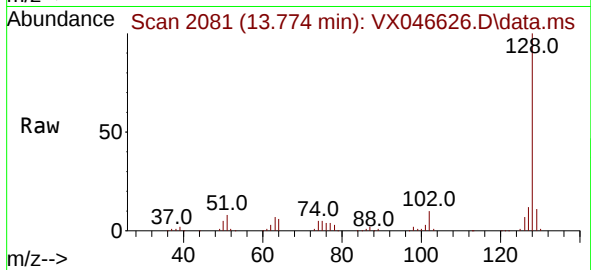
Tgt Ion:225 Resp: 12366
Ion Ratio Lower Upper
225 100
223 66.1 0.0 126.4
227 65.0 0.0 131.4





#91
Naphthalene
Concen: 19.330 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16

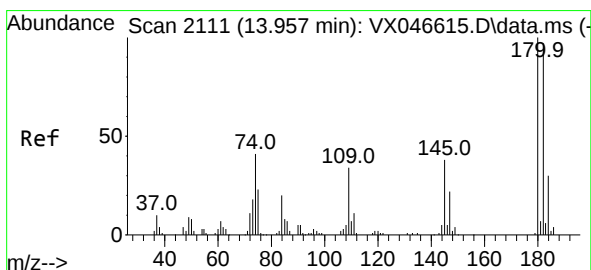
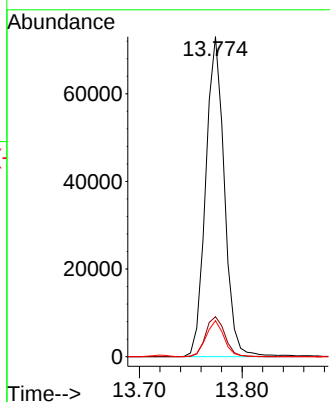
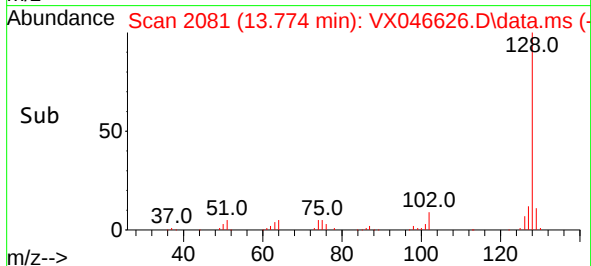
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



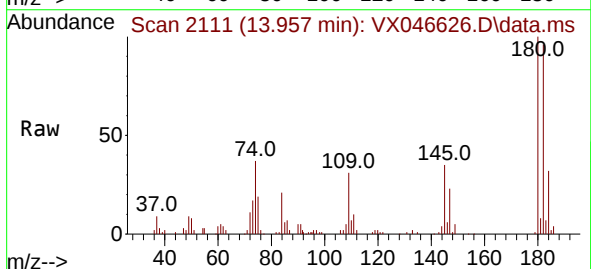
Tgt Ion:128 Resp: 9221
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.8 13.2

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.836 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046626.D
Acq: 11 Jun 2025 01:16



Tgt Ion:180 Resp: 29275
Ion Ratio Lower Upper
180 100
182 96.4 0.0 190.2
145 35.0 0.0 71.8

