

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046629.D
 Acq On : 11 Jun 2025 11:43
 Operator : JC/MD
 Sample : VX0611WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Quant Time: Jun 12 01:37:21 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

Manual Integrations APPROVED

Reviewed By : John Carlone 06/12/2025
 Supervised By : Mahesh Dadoda 06/12/2025

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

Internal Standards						
1) Bromochloromethane	4.910	128	20422	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	109005	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	100408	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	49478	29.930	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.767%
60) 4-Bromofluorobenzene	11.079	95	51013	30.142	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.467%
63) Toluene-d8	8.647	98	134246	29.932	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.767%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	24661	18.574	ug/l	99
3) Chloromethane	1.307	50	23364	17.080	ug/l	100
4) Vinyl Chloride	1.386	62	23516	17.832	ug/l	99
5) Bromomethane	1.630	94	10543	13.387	ug/l	95
6) Chloroethane	1.703	64	14578m	19.241	ug/l	
7) Trichlorofluoromethane	1.904	101	33338	17.649	ug/l	99
8) Diethyl Ether	2.142	74	10329	15.607	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.343	101	23234	18.487	ug/l	97
10) 1,1-Dichloroethene	2.337	96	21888	17.954	ug/l	95
11) Methyl Iodide	2.465	142	24759	14.897	ug/l	99
12) Methyl Acetate	2.715	43	22550	14.675	ug/l	99
13) Acrolein	2.252	56	13929	92.503	ug/l	96
14) Acrylonitrile	3.075	53	55658	88.137	ug/l	99
15) Acetone	2.386	58	13724	95.039	ug/l	82
16) Carbon Disulfide	2.526	76	62221	18.396	ug/l	98
17) Allyl chloride	2.678	41	40086	18.123	ug/l	96
18) Methylene Chloride	2.800	84	25450	18.916	ug/l	98
19) trans-1,2-Dichloroethene	3.105	96	23559	18.648	ug/l	94
20) Diisopropyl ether	3.763	45	79820	19.074	ug/l #	74
21) 1,1-Dichloroethane	3.623	63	44145	18.412	ug/l	99
22) cis-1,2-Dichloroethene	4.495	96	27439	18.629	ug/l	94
23) tert-Butyl Alcohol	2.959	59	10975	86.048	ug/l #	100
24) Methyl tert-Butyl Ether	3.123	73	68403	18.367	ug/l	99
25) Chloroform	5.099	83	47440	19.223	ug/l	99
26) Cyclohexane	5.470	56	40664	18.588	ug/l #	100
29) 1,1-Dichloropropene	5.702	75	31870	18.582	ug/l	99
30) 2-Butanone	4.562	43	67190	87.923	ug/l	99
31) 2,2-Dichloropropane	4.483	77	33695	22.131	ug/l #	72
32) 1,1,1-Trichloroethane	5.385	97	40373m	19.051	ug/l	
33) Carbon Tetrachloride	5.684	117	36243	19.271	ug/l	97
34) Benzene	6.044	78	96349	19.121	ug/l	98
35) Methacrylonitrile	4.922	41	16437	17.540	ug/l	98
36) 1,2-Dichloroethane	6.092	62	36848	19.328	ug/l	99
37) Trichloroethene	7.129	130	23450	18.546	ug/l	84
38) Methylcyclohexane	7.379	83	41647	19.131	ug/l	98
39) 1,2-Dichloropropane	7.427	63	22980	18.282	ug/l	99
40) Dibromomethane	7.586	93	17488	18.611	ug/l	99
41) Bromodichloromethane	7.824	83	35745	18.672	ug/l #	99
42) Vinyl Acetate	3.733	43	312533	94.779	ug/l	98

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Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 11 06:20:28 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.727	43	28784m	17.781	ug/l	
44) Isopropyl Acetate	6.348	43	46270	18.274	ug/l	99
45) 1,4-Dioxane	7.659	88	5325	333.404	ug/l	95
46) Methyl methacrylate	7.696	41	24598	17.792	ug/l	95
47) n-amyl Acetate	10.841	43	42395	18.719	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	31556	18.388	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	36260	18.925	ug/l	95
50) 1,1,2-Trichloroethane	9.153	97	22867	19.309	ug/l	91
51) Ethyl methacrylate	9.116	69	31684	17.595	ug/l	98
52) 1,3-Dichloropropane	9.305	76	39199	19.003	ug/l	98
53) Dibromochloromethane	9.519	129	25983	18.614	ug/l	98
54) 1,2-Dibromoethane	9.610	107	22948	18.422	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	83845	89.155	ug/l	99
56) Bromoform	10.799	173	16248	18.835	ug/l	99
58) 4-Methyl-2-Pentanone	8.574	43	145927	89.348	ug/l	99
59) 2-Hexanone	9.427	43	99810	86.626	ug/l	98
61) Tetrachloroethene	9.275	164	19469	18.502	ug/l	99
62) Toluene	8.720	91	101985	18.742	ug/l	100
64) Chlorobenzene	10.079	112	65831	18.757	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.159	131	21528	18.302	ug/l	99
66) Ethyl Benzene	10.195	91	115559	18.599	ug/l	99
67) m/p-Xylenes	10.299	106	87609	38.121	ug/l	98
68) o-Xylene	10.640	106	40534	18.318	ug/l	99
69) Styrene	10.652	104	70877	18.687	ug/l	98
70) Isopropylbenzene	10.957	105	110495	18.607	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.207	83	31918	18.298	ug/l	97
72) 1,2,3-Trichloropropane	11.238	75	26680m	18.321	ug/l	
73) Bromobenzene	11.195	156	26281	18.881	ug/l	97
74) n-propylbenzene	11.299	91	135508	19.084	ug/l	100
75) 2-Chlorotoluene	11.360	91	81684	19.216	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	92812	18.811	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	9125	18.549	ug/l	96
78) 4-Chlorotoluene	11.451	91	95401	19.398	ug/l	99
79) tert-butylbenzene	11.713	119	93057	18.912	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	91989	18.878	ug/l	100
81) sec-Butylbenzene	11.890	105	119706	19.011	ug/l	100
82) p-Isopropyltoluene	12.006	119	99691	19.290	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	49426	19.076	ug/l	100
84) 1,4-Dichlorobenzene	12.042	146	50441	19.358	ug/l	99
85) n-Butylbenzene	12.329	91	96674	19.418	ug/l	99
86) Hexachloroethane	12.536	117	16502	18.386	ug/l	98
87) 1,2-Dichlorobenzene	12.335	146	47932	19.229	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	6475	17.994	ug/l	100
89) 1,2,4-Trichlorobenzene	13.585	180	30932	18.822	ug/l	100
90) Hexachlorobutadiene	13.725	225	13500	18.656	ug/l	98
91) Naphthalene	13.774	128	93504	17.934	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	30955	19.190	ug/l	96

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

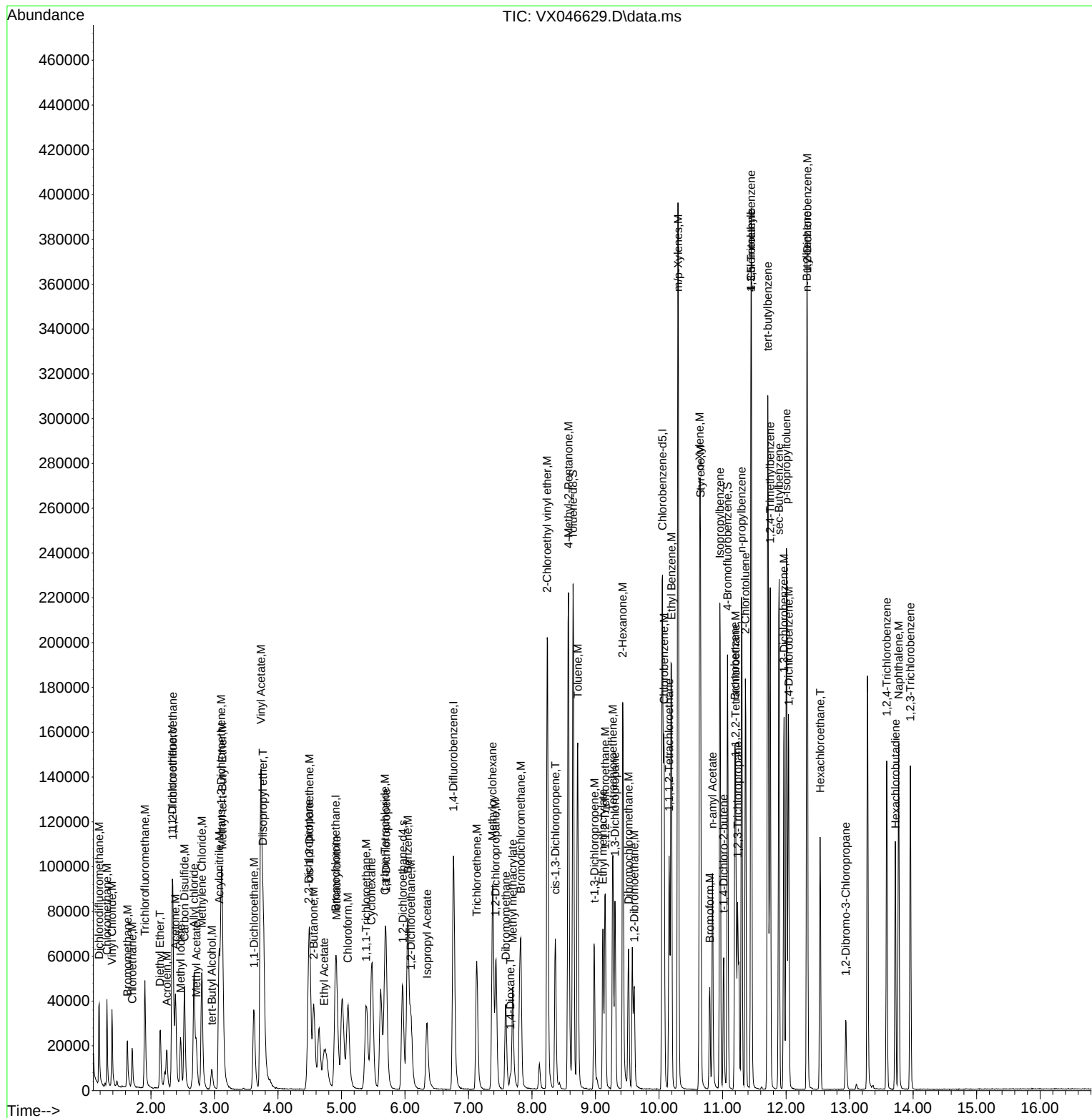
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
Data File : VX046629.D
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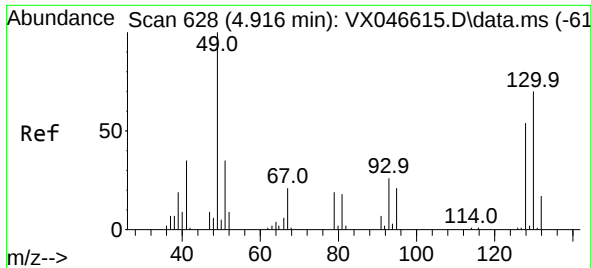
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MSVOA_X
ClientSampleId :
VX0611WBS01

Manual Integrations
APPROVED

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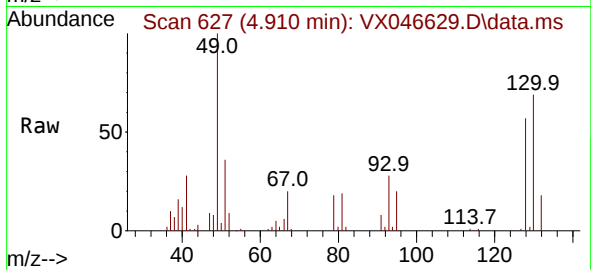
Quant Time: Jun 12 01:37:21 2025
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

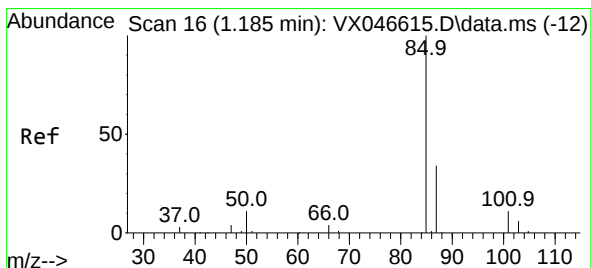
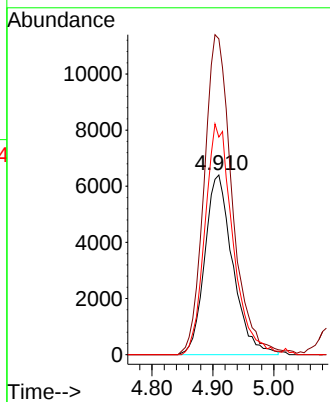
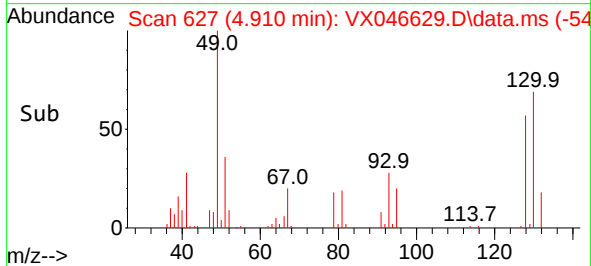
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



Tgt Ion:128 Resp: 2042
Ion Ratio Lower Upper
128 100
49 176.3 0.0 448.3
130 128.3 0.0 312.0

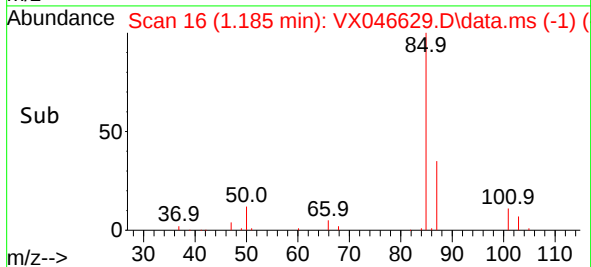
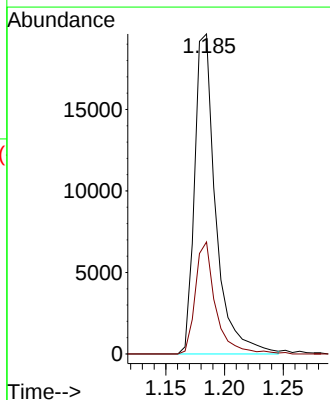
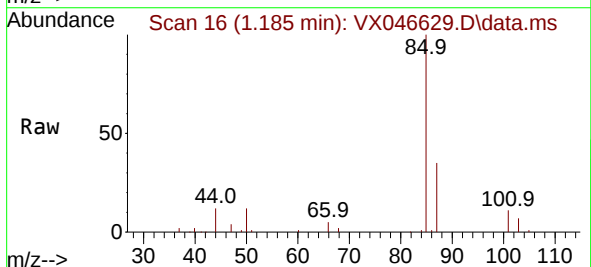
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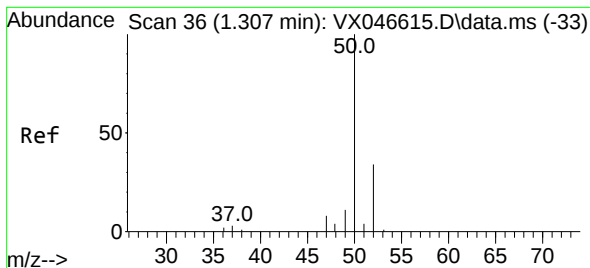
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#2
Dichlorodifluoromethane
Concen: 18.574 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Tgt Ion: 85 Resp: 24661
Ion Ratio Lower Upper
85 100
87 35.0 17.1 51.3





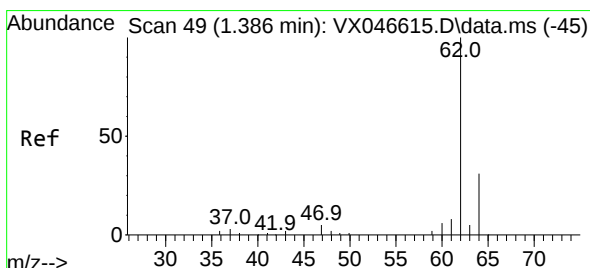
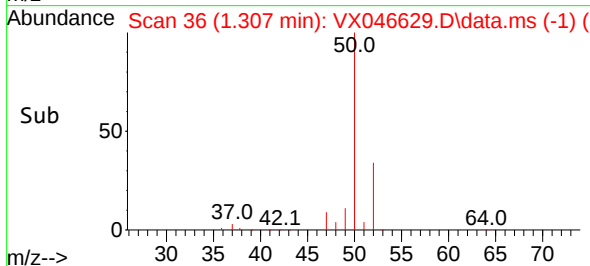
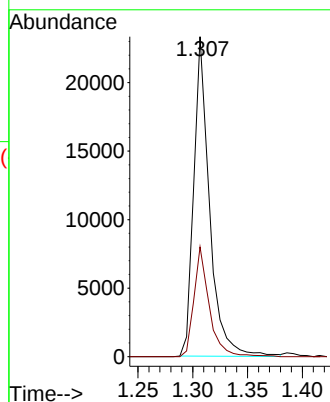
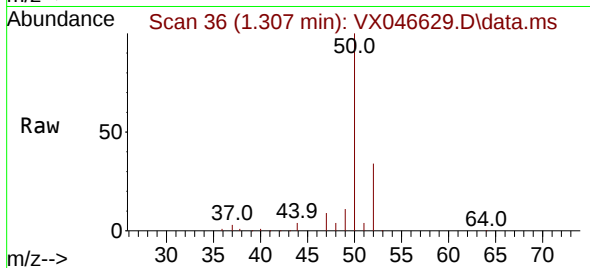
#3
Chloromethane
Concen: 17.080 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tgt Ion: 50 Resp: 23364
Ion Ratio Lower Upper
50 100
52 34.4 27.4 41.2

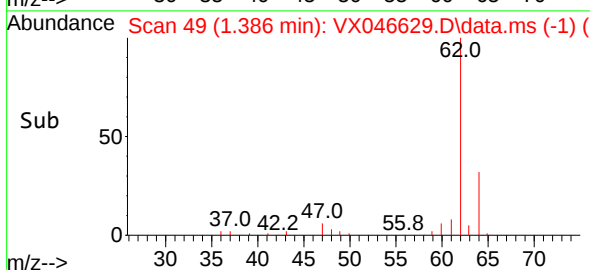
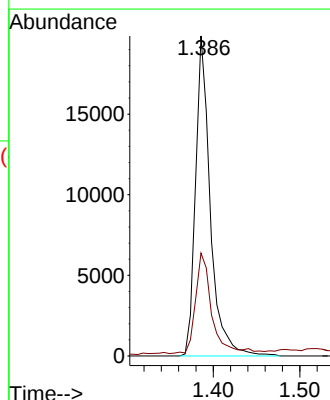
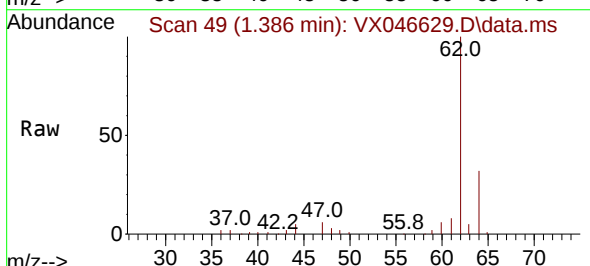
Manual Integrations
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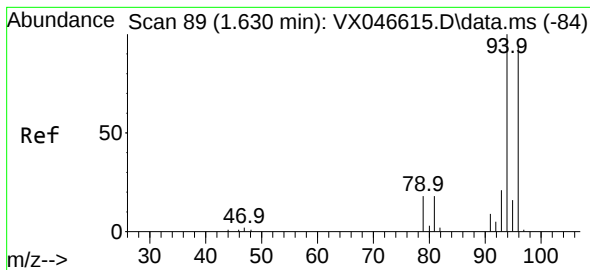
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#4
Vinyl Chloride
Concen: 17.832 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

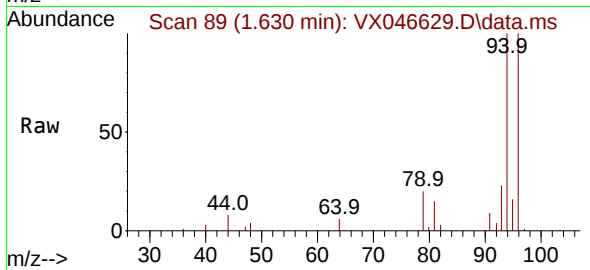
Tgt Ion: 62 Resp: 23516
Ion Ratio Lower Upper
62 100
64 30.9 25.2 37.8





#5
Bromomethane
Concen: 13.387 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

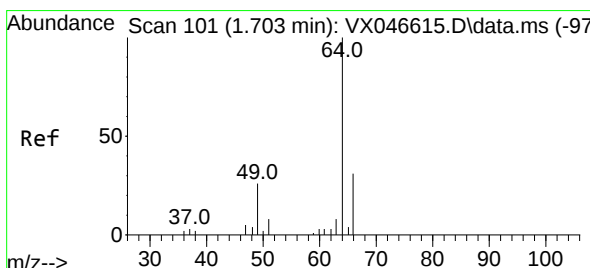
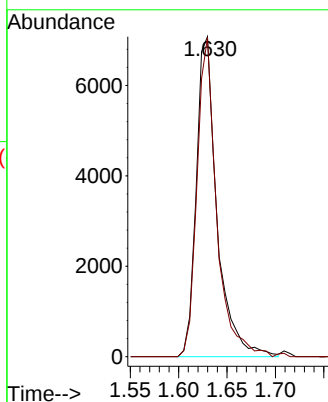
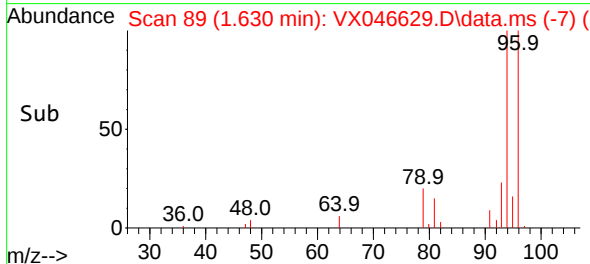
Instrument :
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ClientSampleId :
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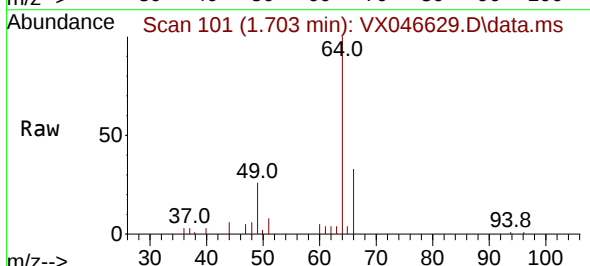
Tgt Ion: 94 Resp: 1054
Ion Ratio Lower Upper
94 100
96 99.7 75.5 113.3

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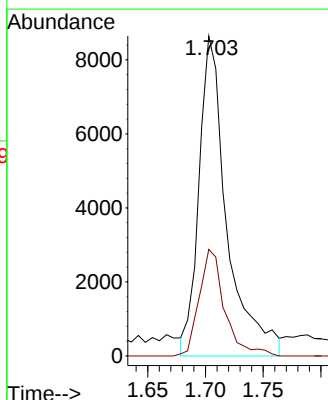
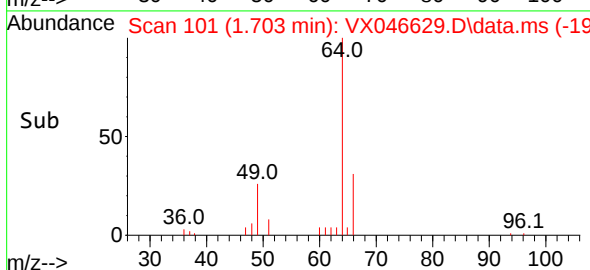
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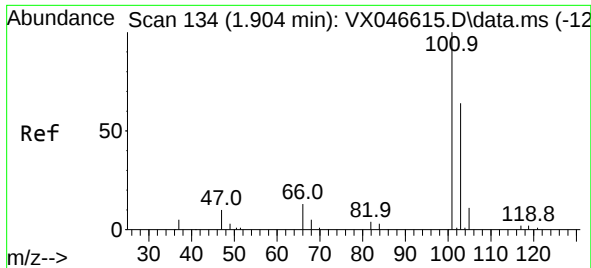


#6
Chloroethane
Concen: 19.241 ug/l m
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43



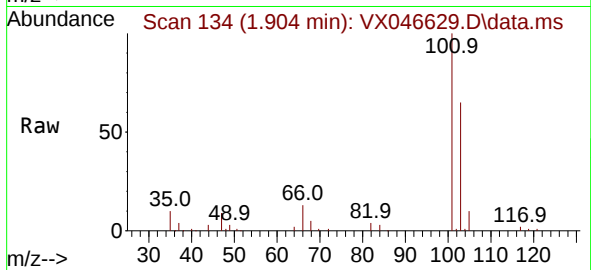
Tgt Ion: 64 Resp: 14578
Ion Ratio Lower Upper
64 100
66 33.3 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 17.649 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046629.D
 Acq: 11 Jun 2025 11:43

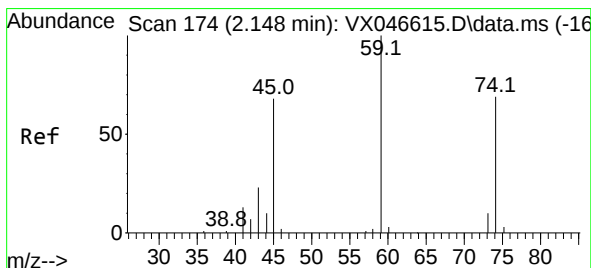
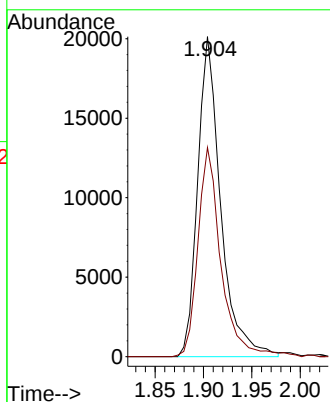
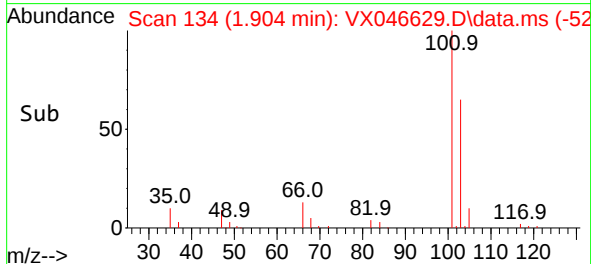
Instrument :
 MSVOA_X
 ClientSampleId :
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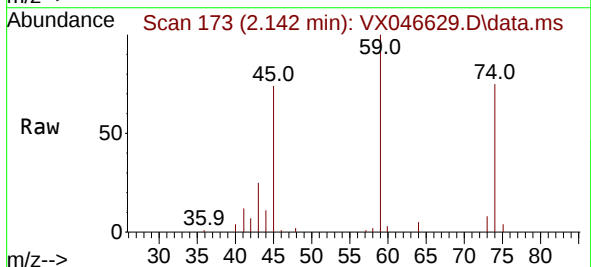
Tgt Ion:101 Resp: 33338
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.5 77.3

Manual Integrations
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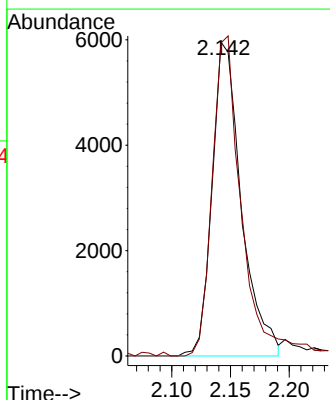
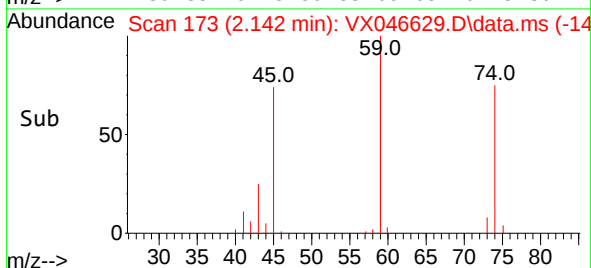
Reviewed By :John Carlone 06/12/2025
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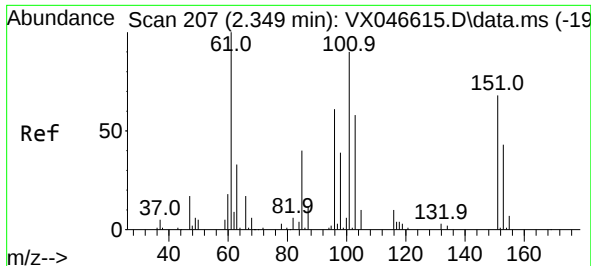


#8
 Diethyl Ether
 Concen: 15.607 ug/l
 RT: 2.142 min Scan# 173
 Delta R.T. -0.006 min
 Lab File: VX046629.D
 Acq: 11 Jun 2025 11:43



Tgt Ion: 74 Resp: 10329
 Ion Ratio Lower Upper
 74 100
 45 100.5 19.3 174.1





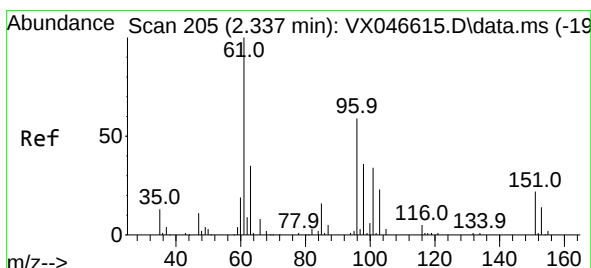
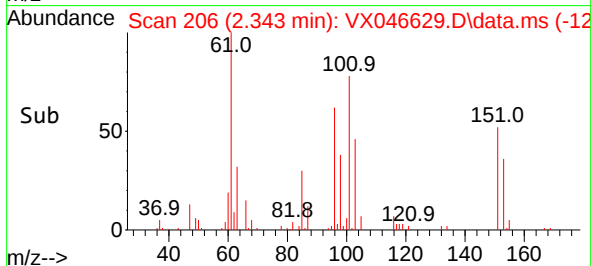
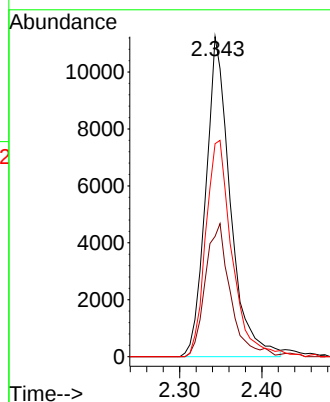
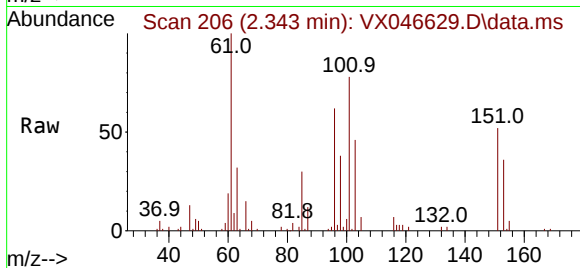
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 1,1,2-Trichlorotrifluoroethane
 Concen: 18.487 ug/l
 RT: 2.343 min Scan# 206
 Delta R.T. -0.006 min
 Lab File: VX046629.D
 Acq: 11 Jun 2025 11:43

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 MSVOA_X
 ClientSampleId :
 VX0611WBS01

Tgt Ion:101 Resp: 23234
 Ion Ratio Lower Upper
 101 100
 85 41.8 0.0 88.2
 151 72.4 0.0 141.8

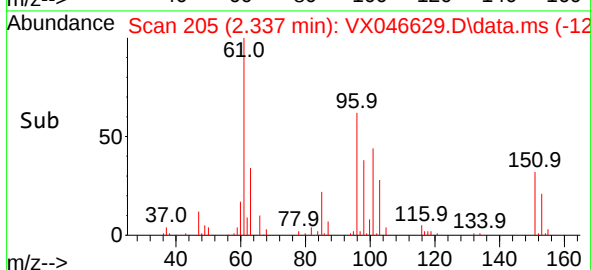
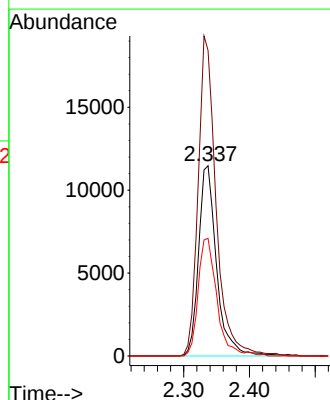
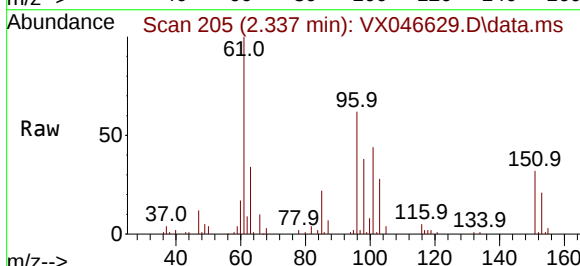
Manual Integrations
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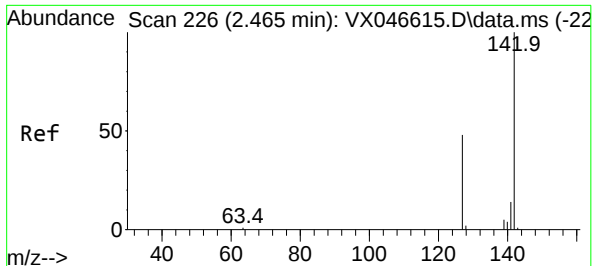
Reviewed By :John Carlone 06/12/2025
 Supervised By :Mahesh Dadoda 06/12/2025



#10
 1,1-Dichloroethene
 Concen: 17.954 ug/l
 RT: 2.337 min Scan# 205
 Delta R.T. 0.000 min
 Lab File: VX046629.D
 Acq: 11 Jun 2025 11:43

Tgt Ion: 96 Resp: 21888
 Ion Ratio Lower Upper
 96 100
 61 160.6 135.1 202.7
 98 61.8 49.0 73.4





#11

Methyl Iodide

Concen: 14.897 ug/l

RT: 2.465 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX046629.D

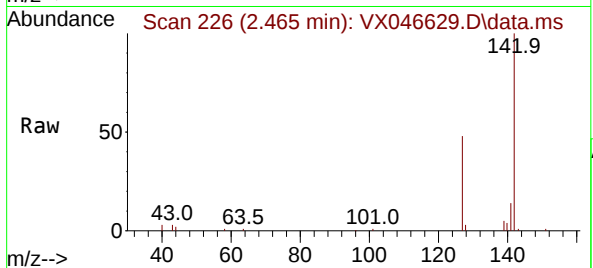
Acq: 11 Jun 2025 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01



Tgt Ion:142 Resp: 24759

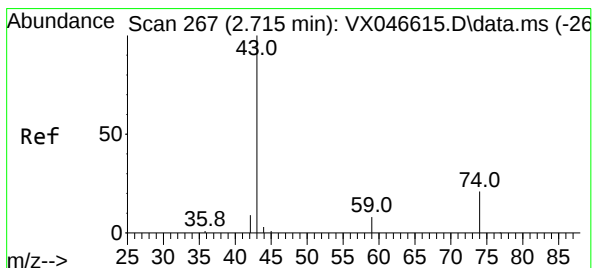
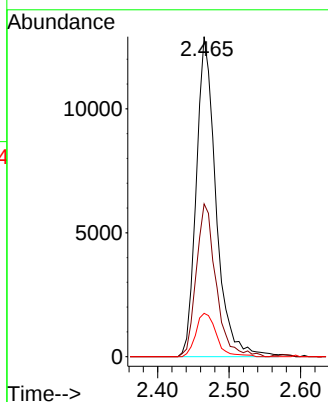
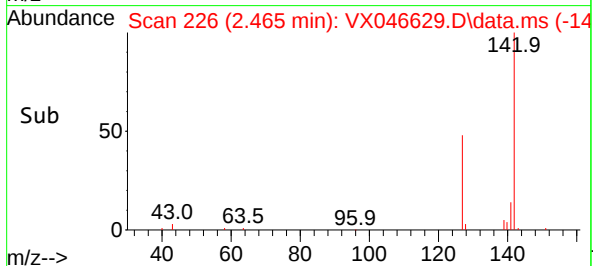
Ion	Ratio	Lower	Upper
142	100		
127	47.7	24.1	72.4
141	13.6	7.0	20.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#12

Methyl Acetate

Concen: 14.675 ug/l

RT: 2.715 min Scan# 267

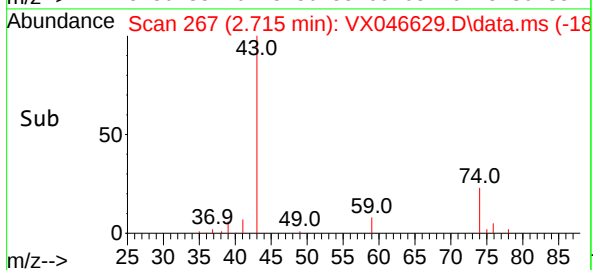
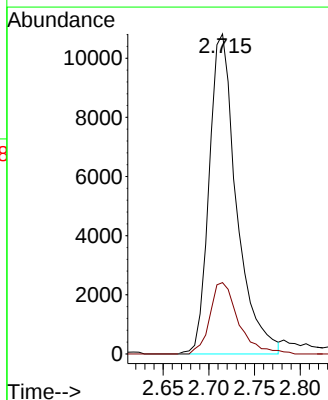
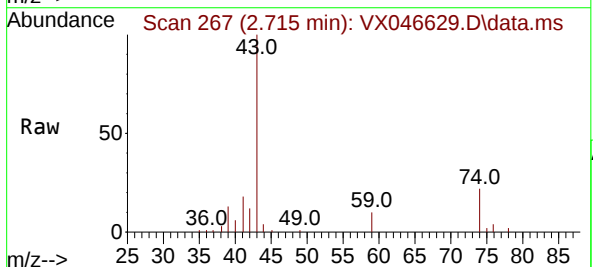
Delta R.T. 0.000 min

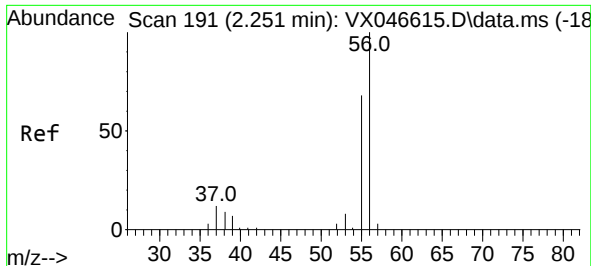
Lab File: VX046629.D

Acq: 11 Jun 2025 11:43

Tgt Ion: 43 Resp: 22550

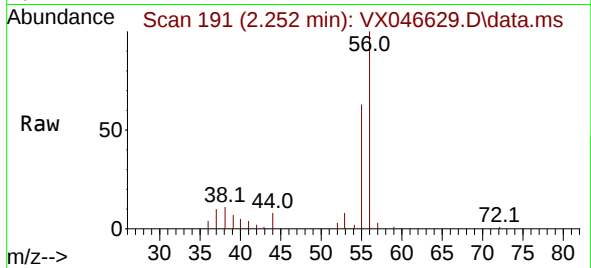
Ion	Ratio	Lower	Upper
43	100		
74	22.1	17.2	25.8





#13
Acrolein
Concen: 92.503 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

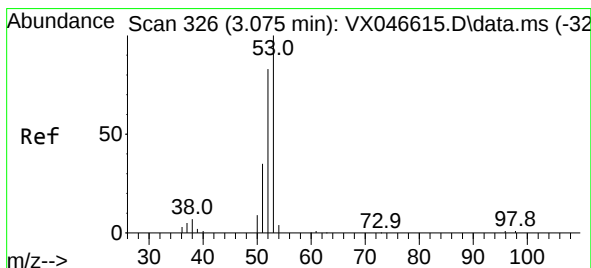
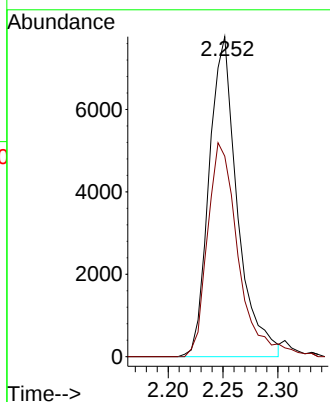
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



Tgt Ion: 56 Resp: 13929
Ion Ratio Lower Upper
56 100
55 72.9 56.0 84.0

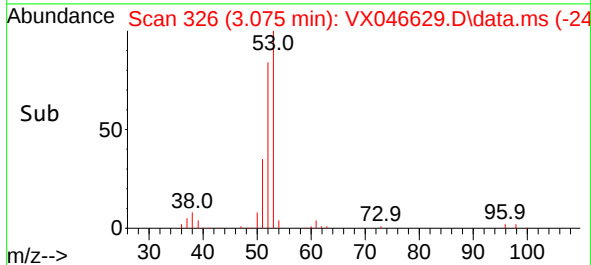
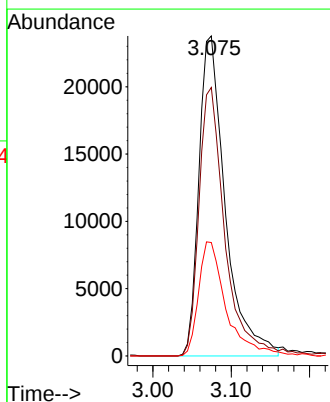
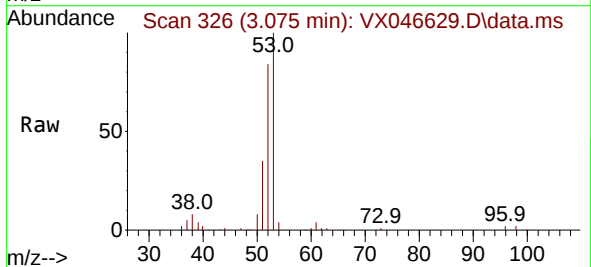
Manual Integrations
APPROVED

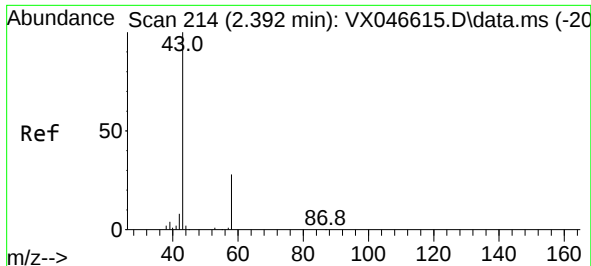
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#14
Acrylonitrile
Concen: 88.137 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

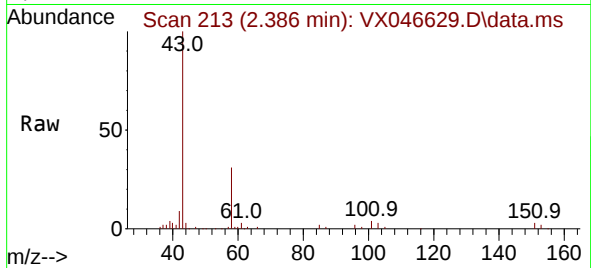
Tgt Ion: 53 Resp: 55658
Ion Ratio Lower Upper
53 100
52 82.8 41.3 123.7
51 35.8 18.6 55.8





#15
Acetone
Concen: 95.039 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

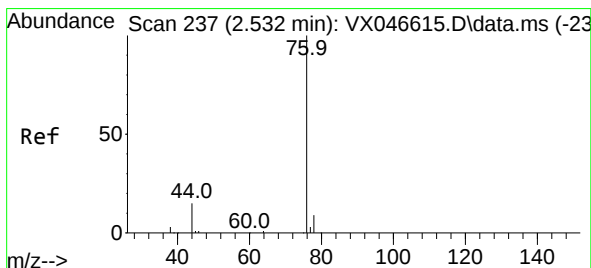
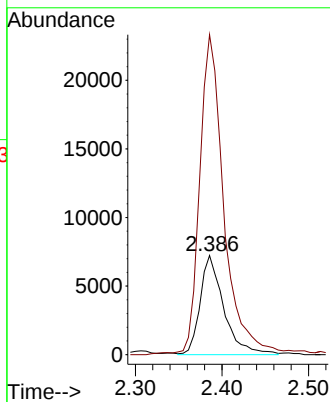
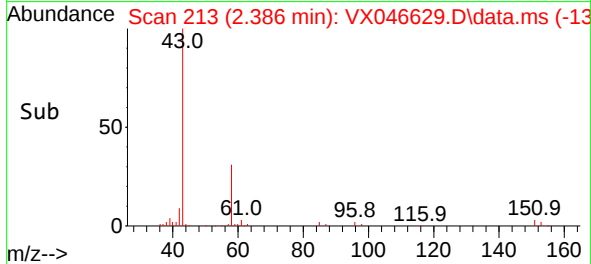
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



Tgt Ion: 58 Resp: 13724
Ion Ratio Lower Upper
58 100
43 323.2 290.6 435.8

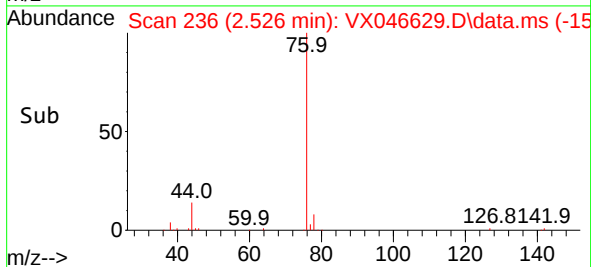
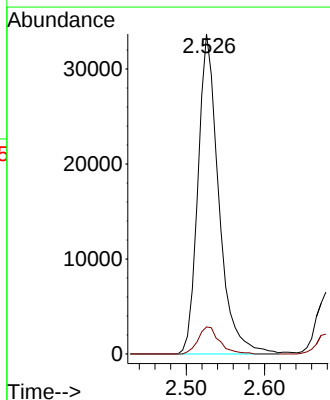
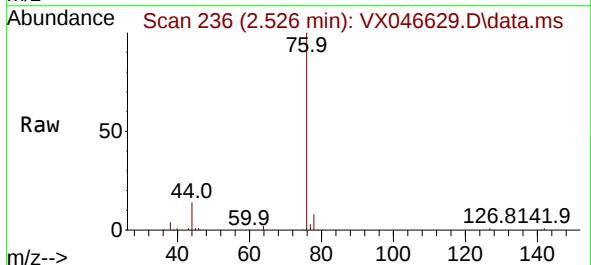
Manual Integrations
APPROVED

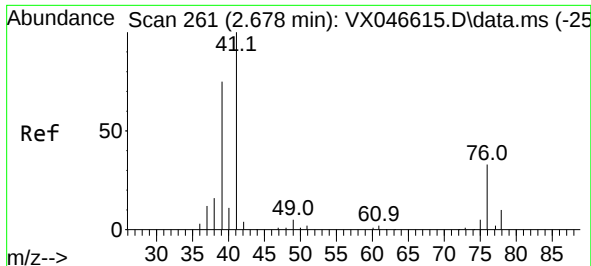
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#16
Carbon Disulfide
Concen: 18.396 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Tgt Ion: 76 Resp: 62221
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0





#17

Allyl chloride

Concen: 18.123 ug/l

RT: 2.678 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX046629.D

Acq: 11 Jun 2025 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

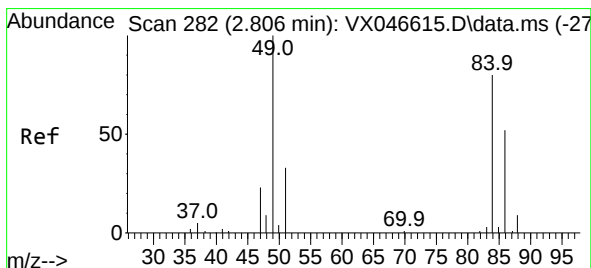
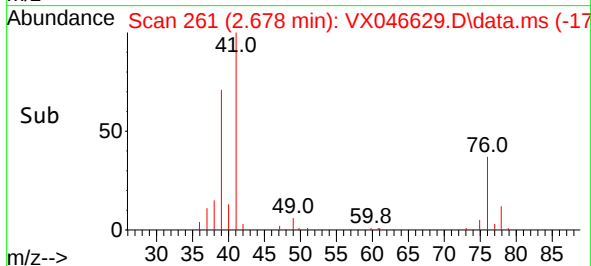
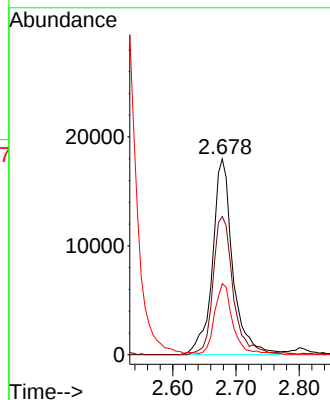
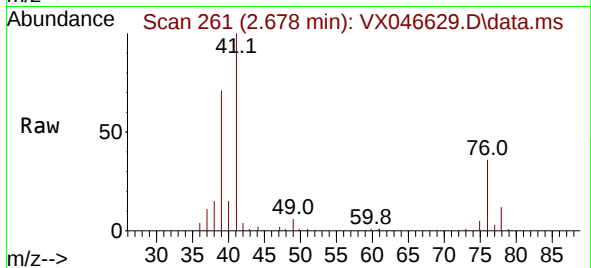
Tgt Ion:	41	Resp:	4008
Ion	Ratio	Lower	Upper
41	100		
39	70.6	37.5	112.3
76	35.6	17.4	52.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#18

Methylene Chloride

Concen: 18.916 ug/l

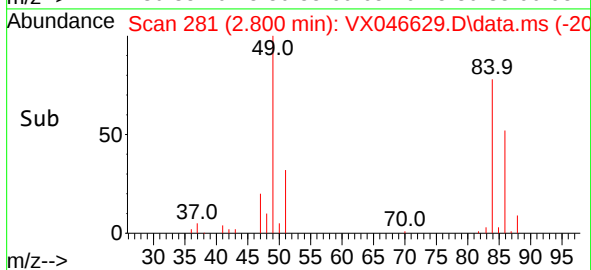
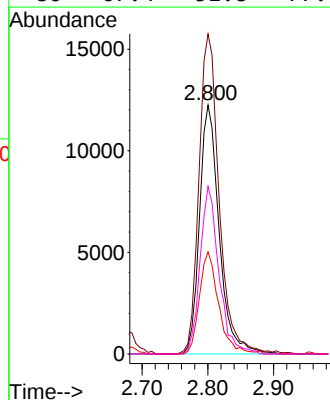
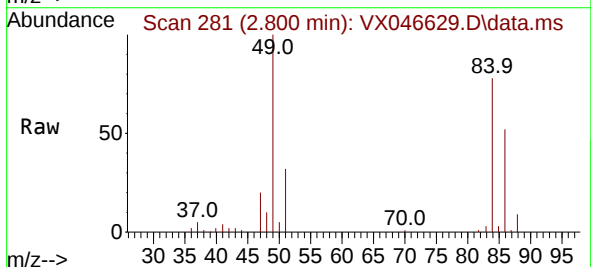
RT: 2.800 min Scan# 281

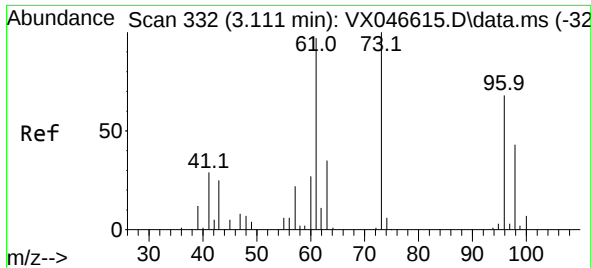
Delta R.T. -0.006 min

Lab File: VX046629.D

Acq: 11 Jun 2025 11:43

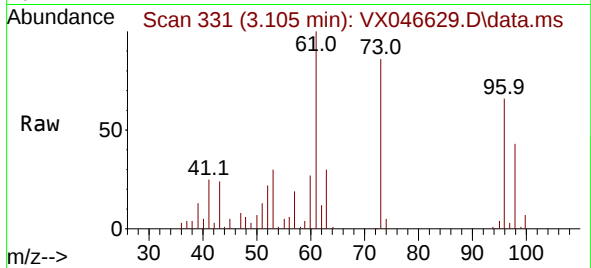
Tgt Ion:	84	Resp:	25450
Ion	Ratio	Lower	Upper
84	100		
49	128.2	100.1	150.1
51	41.1	33.0	49.4
86	67.4	51.8	77.6





#19
trans-1,2-Dichloroethene
Concen: 18.648 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

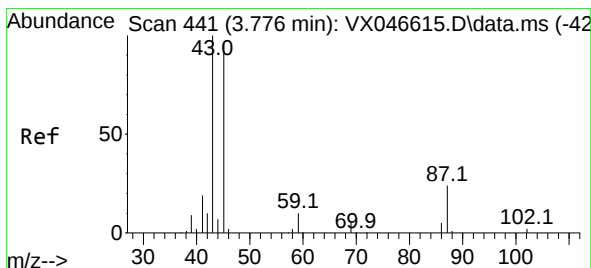
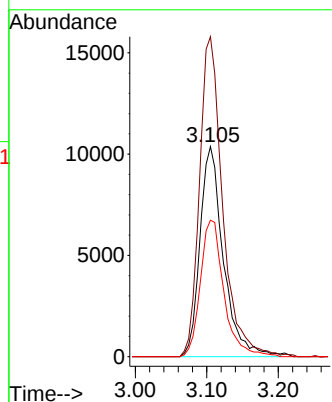
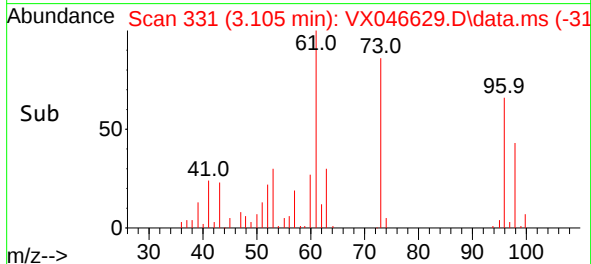
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



Tgt Ion: 96 Resp: 23558
Ion Ratio Lower Upper
96 100
61 152.3 114.5 171.7
98 65.0 50.2 75.4

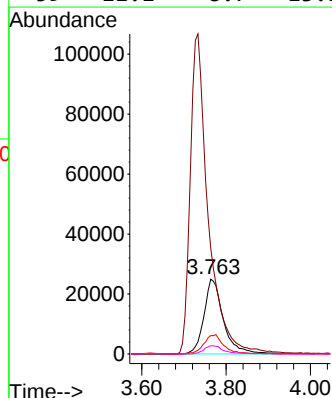
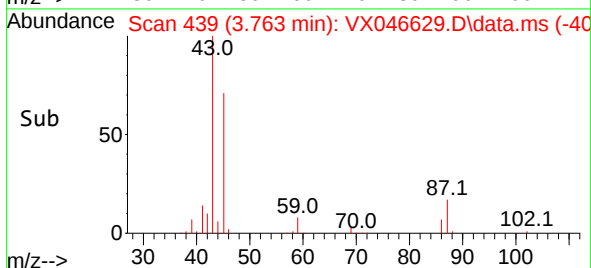
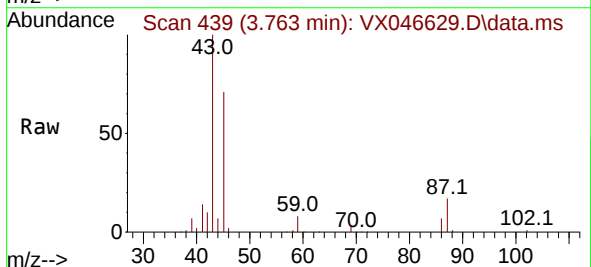
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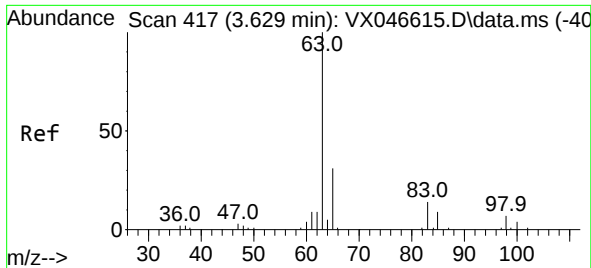
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#20
Diisopropyl ether
Concen: 19.074 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.012 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Tgt Ion: 45 Resp: 79820
Ion Ratio Lower Upper
45 100
43 138.8 83.2 124.8#
87 24.5 20.2 30.4
59 11.1 8.7 13.1





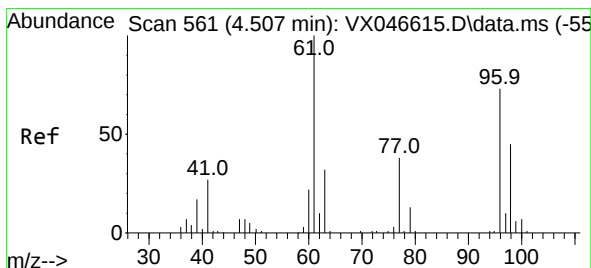
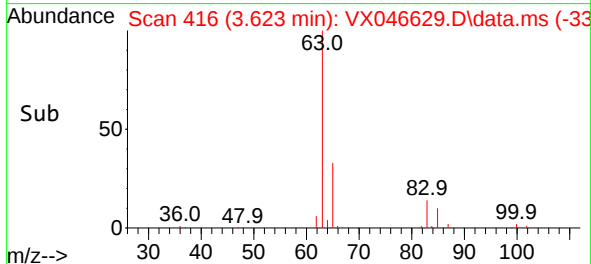
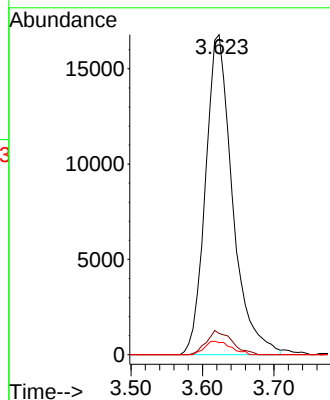
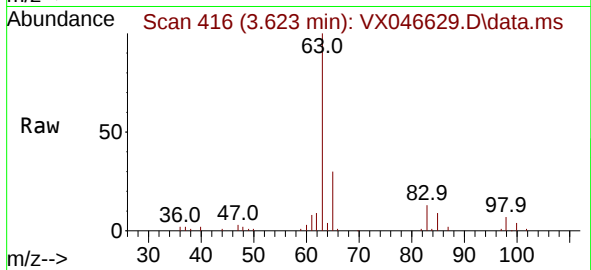
#21
1,1-Dichloroethane
Concen: 18.412 ug/l
RT: 3.623 min Scan# 417
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tgt Ion: 63 Resp: 4414
Ion Ratio Lower Upper
63 100
98 6.7 3.6 10.8
100 3.7 1.8 5.5

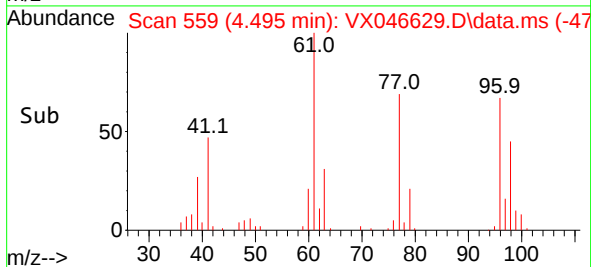
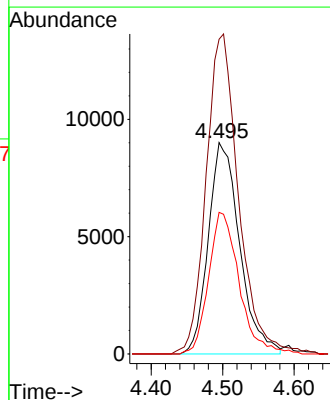
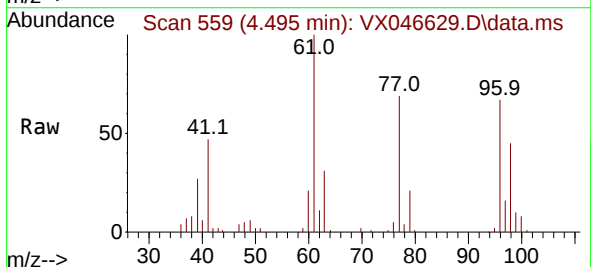
Manual Integrations
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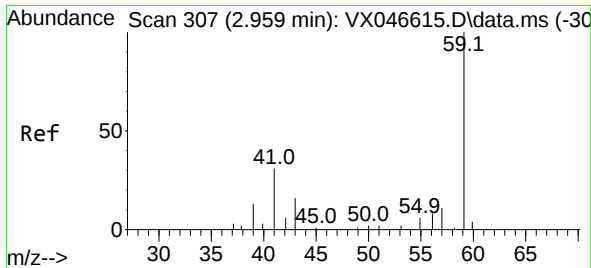
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#22
cis-1,2-Dichloroethene
Concen: 18.629 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.012 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

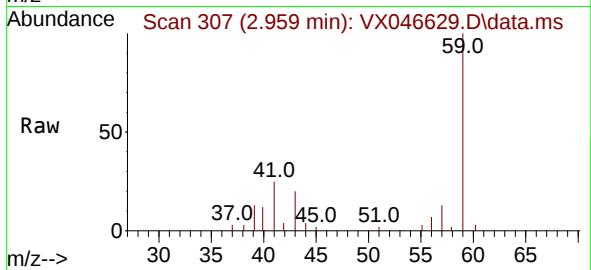
Tgt Ion: 96 Resp: 27439
Ion Ratio Lower Upper
96 100
61 156.6 118.6 177.8
98 65.3 49.6 74.4





#23
tert-Butyl Alcohol
Concen: 86.048 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

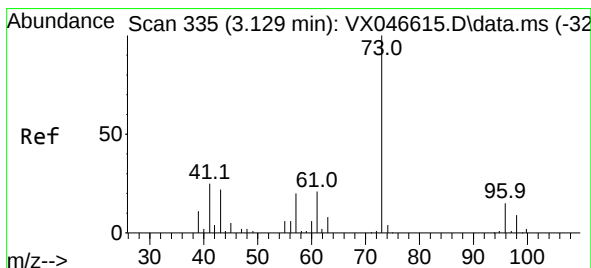
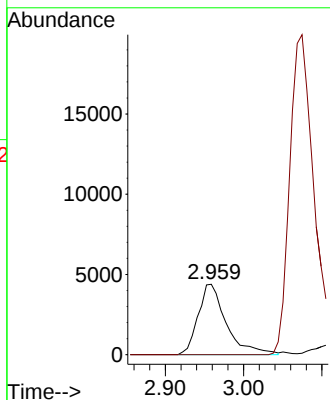
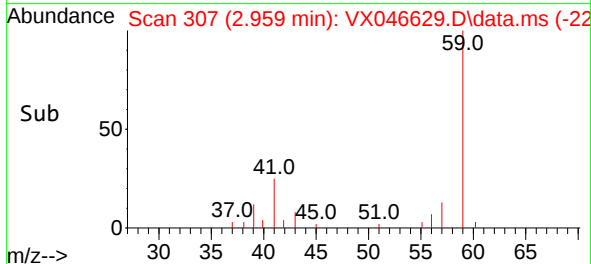
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



Tgt Ion: 59 Resp: 10975
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

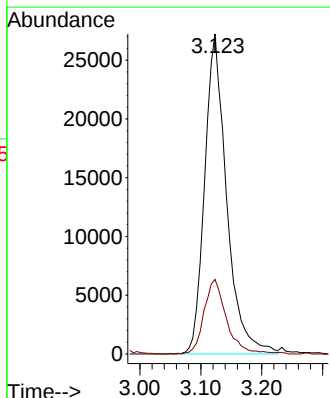
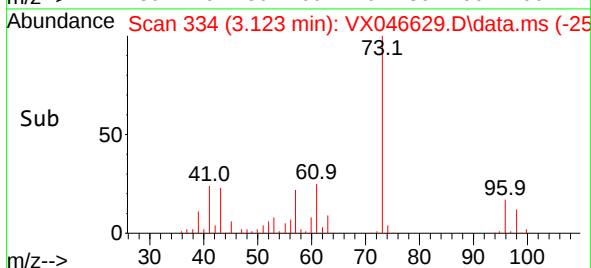
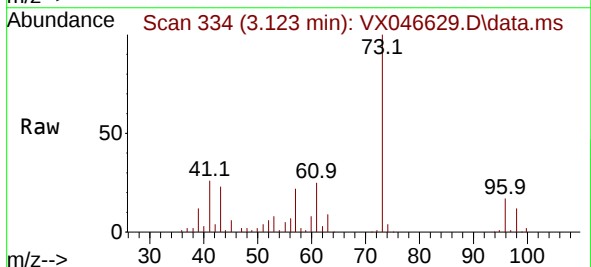
Manual Integrations
APPROVED

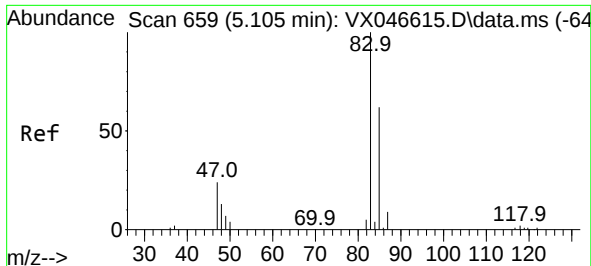
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#24
Methyl tert-Butyl Ether
Concen: 18.367 ug/l
RT: 3.123 min Scan# 334
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Tgt Ion: 73 Resp: 68403
Ion Ratio Lower Upper
73 100
43 23.7 18.4 27.6





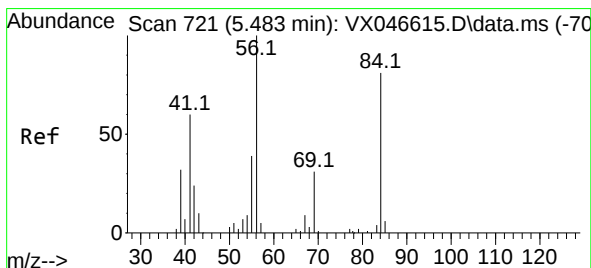
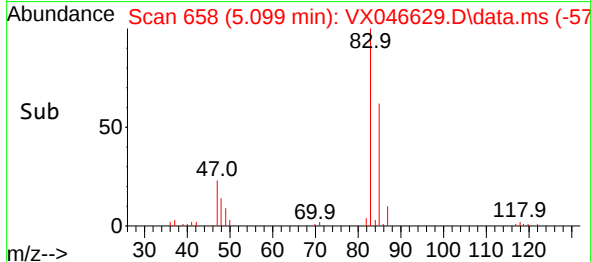
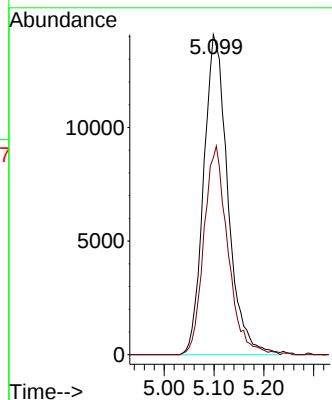
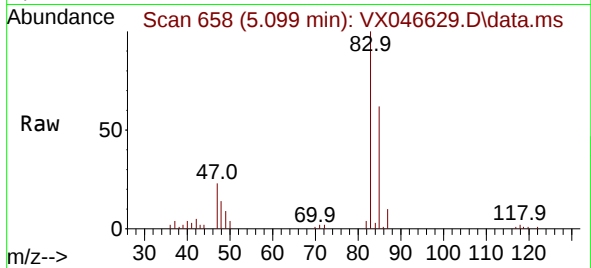
#25
Chloroform
Concen: 19.223 ug/l
RT: 5.099 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tgt Ion: 83 Resp: 47440
Ion Ratio Lower Upper
83 100
85 61.6 49.8 74.6

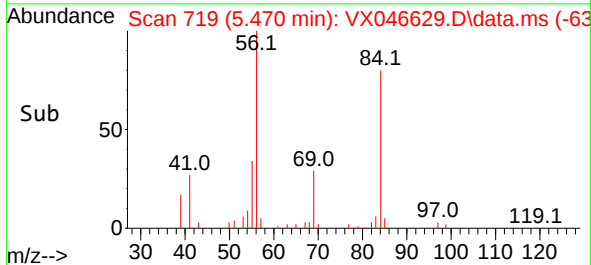
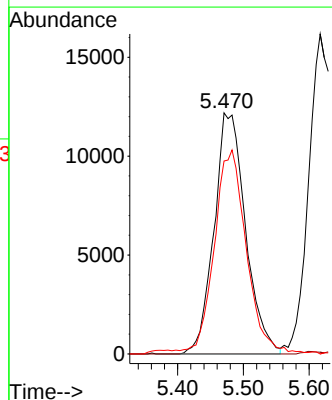
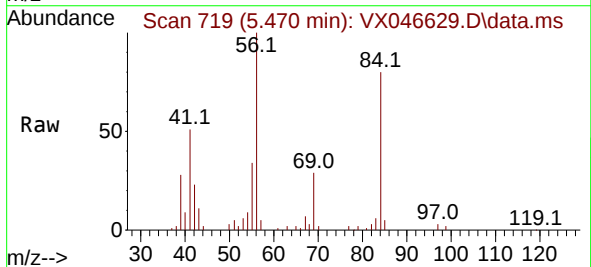
Manual Integrations
APPROVED

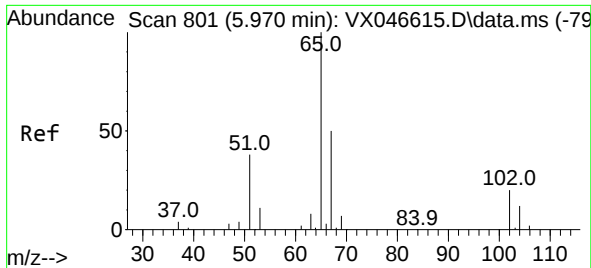
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#26
Cyclohexane
Concen: 18.588 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.012 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Tgt Ion: 56 Resp: 40664
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.6 67.4 101.0





#27

1,2-Dichloroethane-d4

Concen: 29.930 ug/l

RT: 5.964 min Scan# 801

Delta R.T. -0.006 min

Lab File: VX046629.D

Acq: 11 Jun 2025 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tgt Ion: 65 Resp: 49478

Ion Ratio Lower Upper

65 100

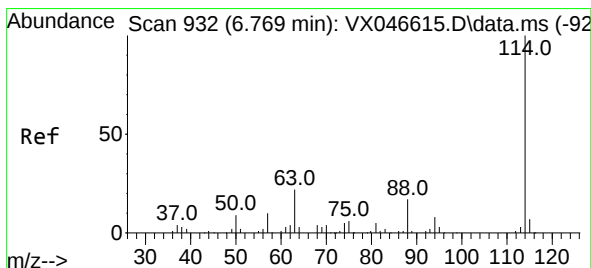
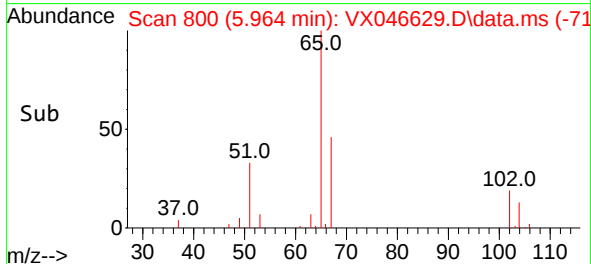
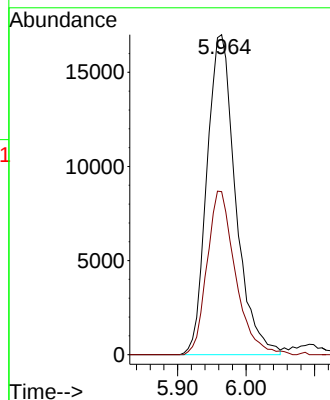
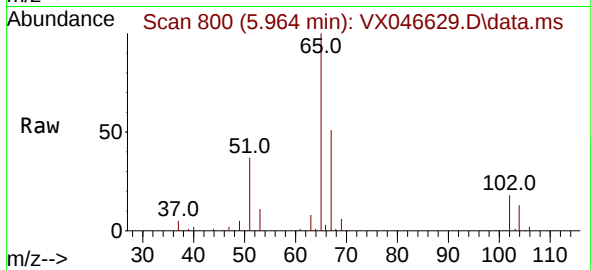
67 50.3 41.4 62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX046629.D

Acq: 11 Jun 2025 11:43

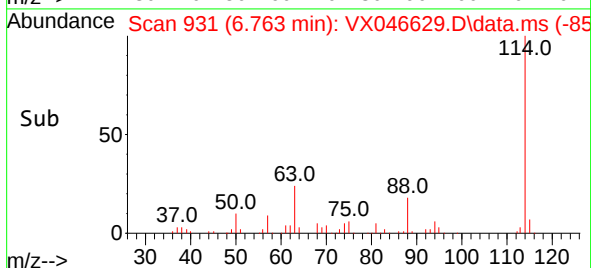
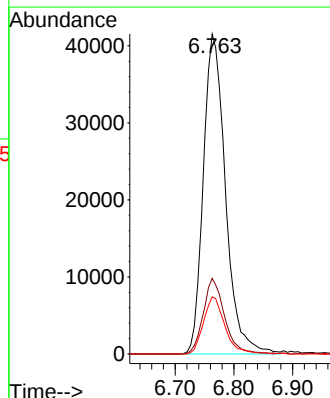
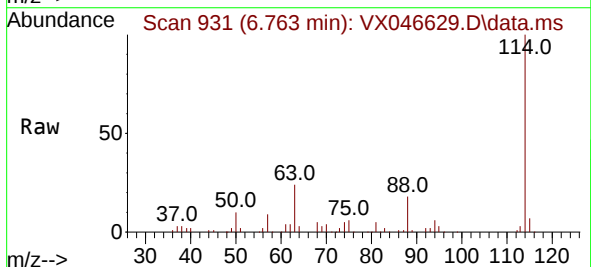
Tgt Ion:114 Resp: 109005

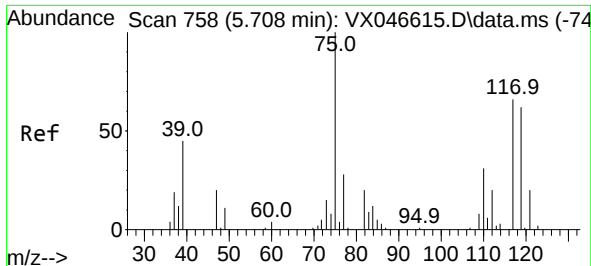
Ion Ratio Lower Upper

114 100

63 22.6 18.1 27.1

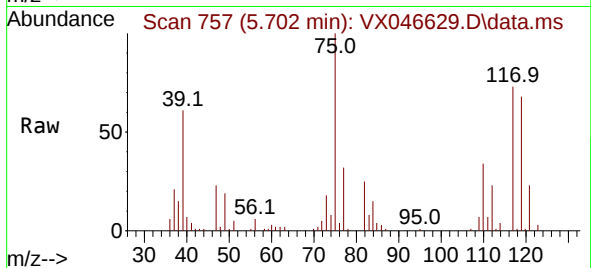
88 17.1 14.1 21.1





#29
1,1-Dichloropropene
Concen: 18.582 ug/l
RT: 5.702 min Scan# 75
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

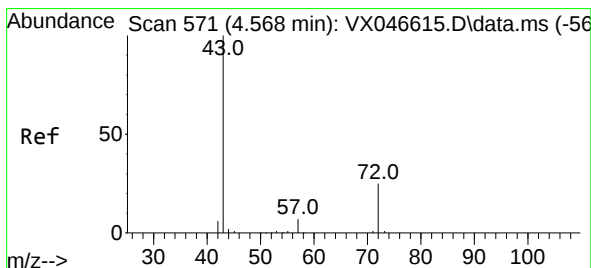
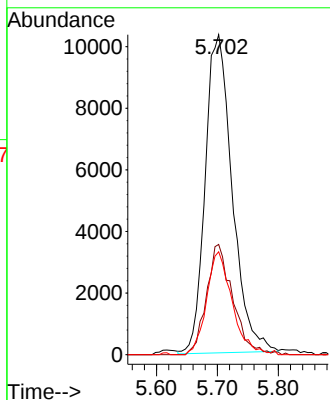
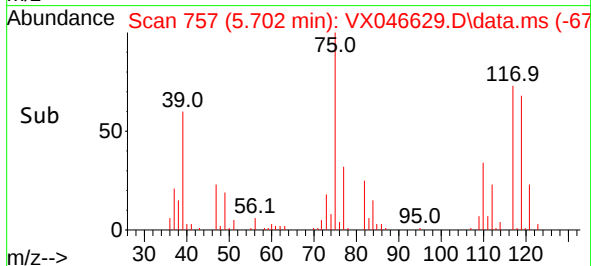
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



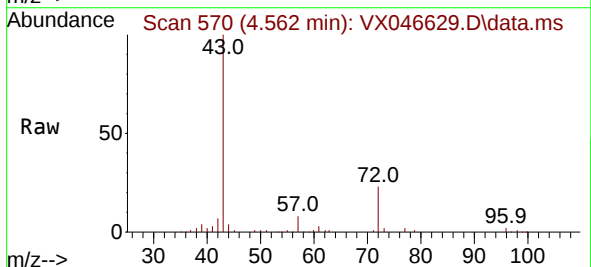
Tgt Ion: 75 Resp: 31870
Ion Ratio Lower Upper
75 100
110 33.4 0.0 65.4
77 30.5 0.0 59.8

Manual Integrations
APPROVED

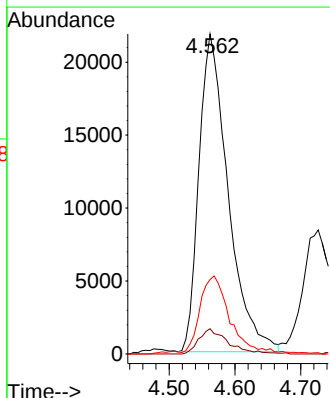
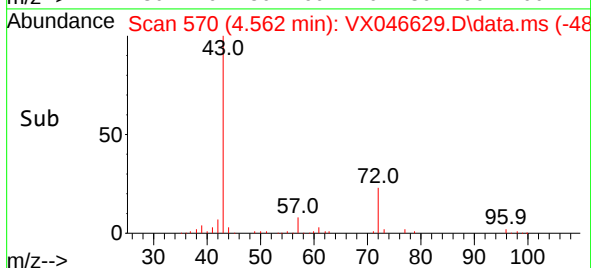
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

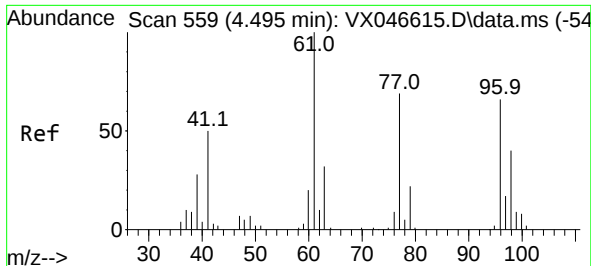


#30
2-Butanone
Concen: 87.923 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43



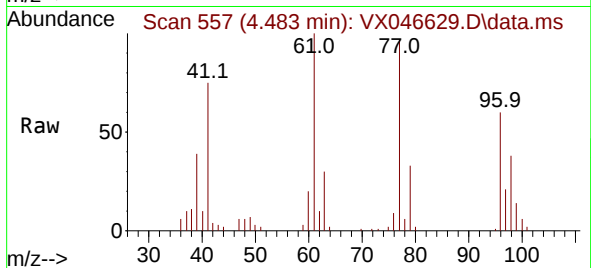
Tgt Ion: 43 Resp: 67190
Ion Ratio Lower Upper
43 100
57 6.7 5.8 8.6
72 24.7 19.4 29.2





#31
2,2-Dichloropropane
Concen: 22.131 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

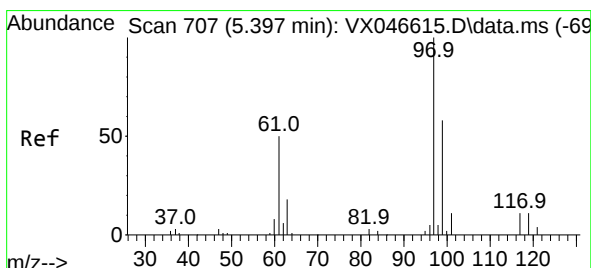
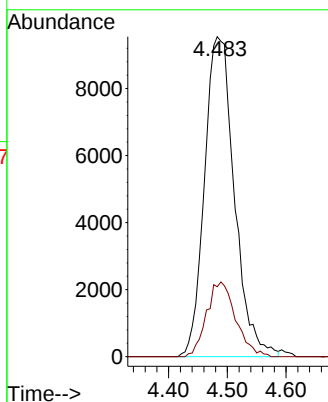
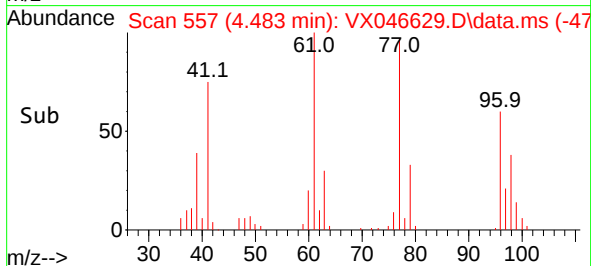
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



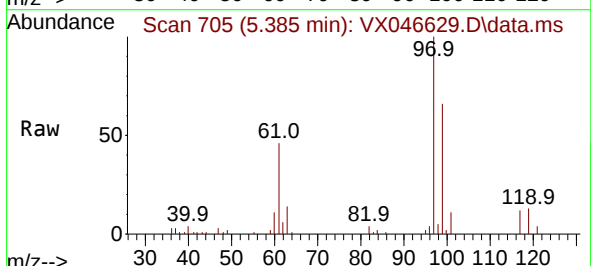
Tgt Ion: 77 Resp: 3369
Ion Ratio Lower Upper
77 100
97 9.8 18.6 27.8

Manual Integrations
APPROVED

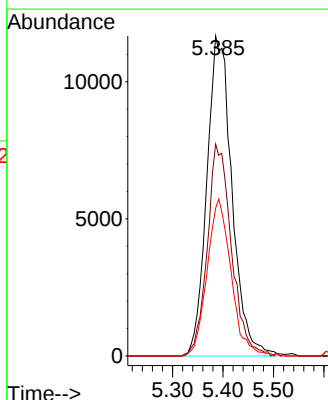
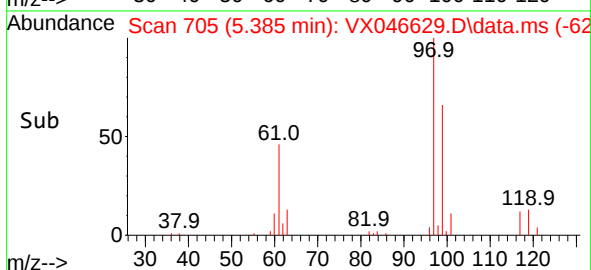
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

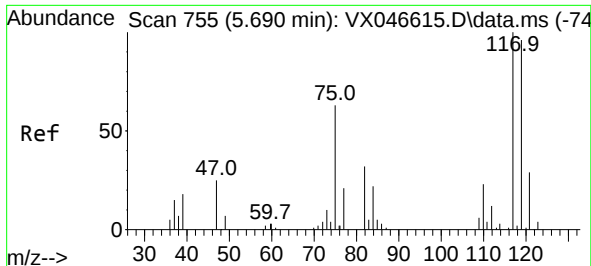


#32
1,1,1-Trichloroethane
Concen: 19.051 ug/l m
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43



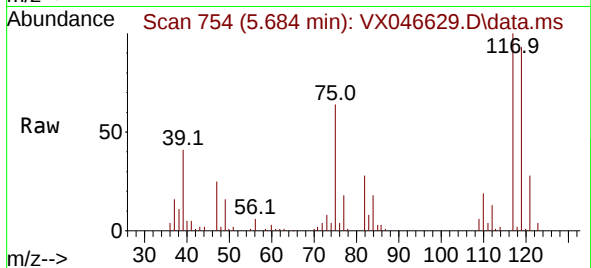
Tgt Ion: 97 Resp: 40373
Ion Ratio Lower Upper
97 100
99 63.6 51.2 76.8
61 46.8 39.5 59.3





#33
Carbon Tetrachloride
Concen: 19.271 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

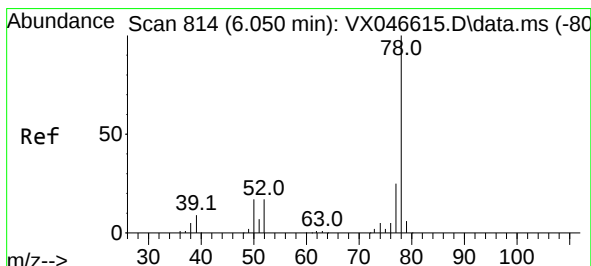
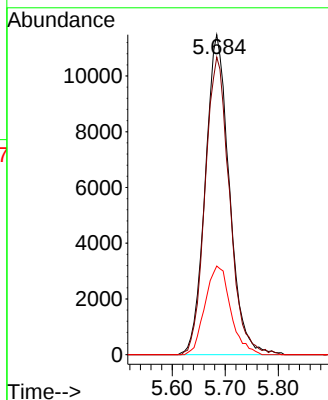
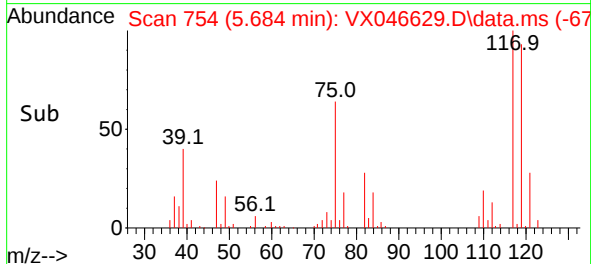
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



Tgt Ion:117 Resp: 3624
Ion Ratio Lower Upper
117 100
119 93.0 77.1 115.7
121 27.7 23.2 34.8

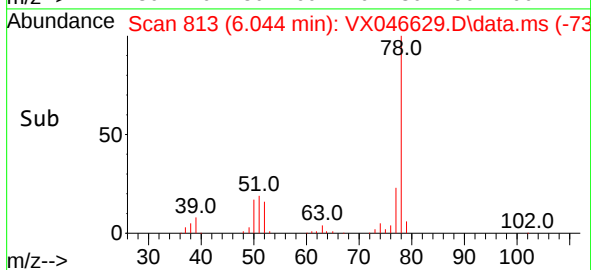
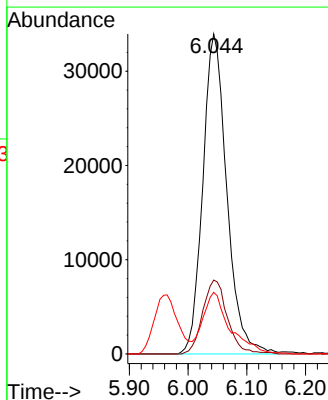
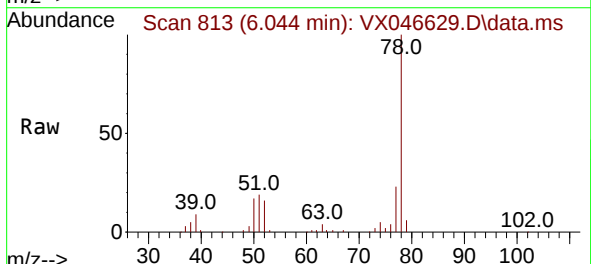
Manual Integrations
APPROVED

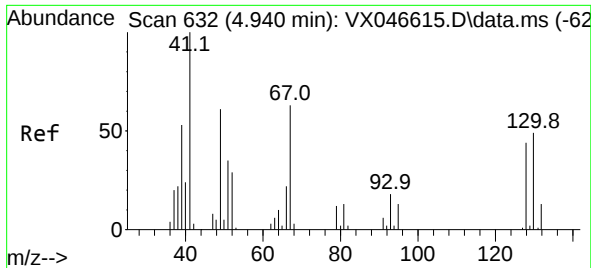
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#34
Benzene
Concen: 19.121 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

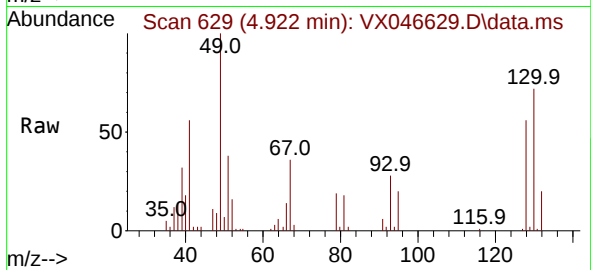
Tgt Ion: 78 Resp: 96349
Ion Ratio Lower Upper
78 100
77 23.1 19.8 29.8
51 18.8 14.7 22.1





#35
Methacrylonitrile
Concen: 17.540 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.018 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

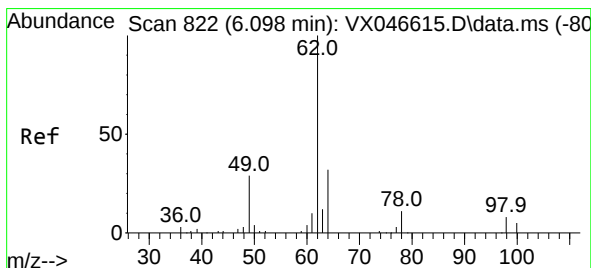
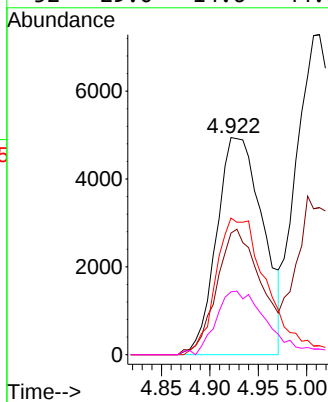
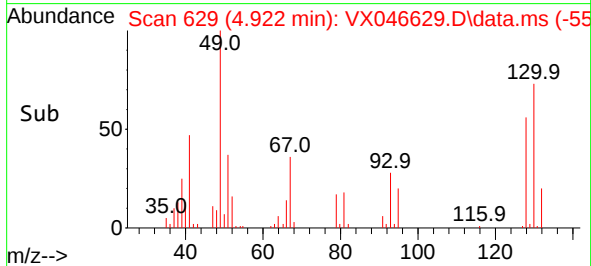
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



Tgt Ion:	41	Resp:	1643
Ion	Ratio	Lower	Upper
41	100		
39	56.0	26.4	79.2
67	62.9	31.4	94.3
52	29.0	14.6	44.0

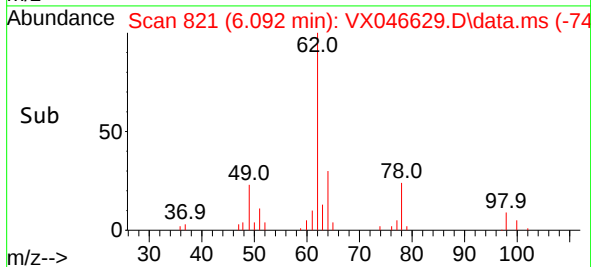
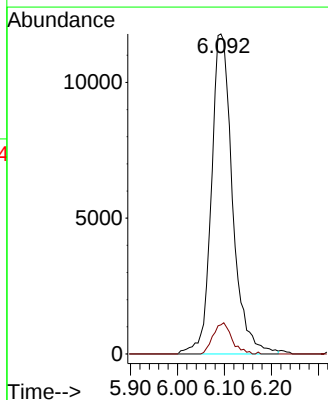
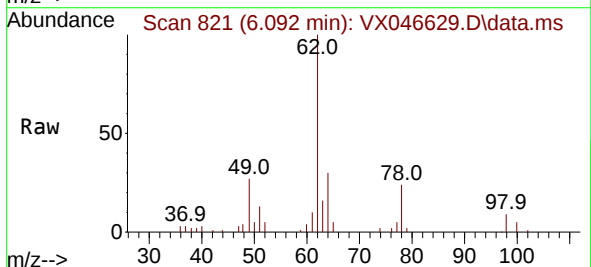
Manual Integrations
APPROVED

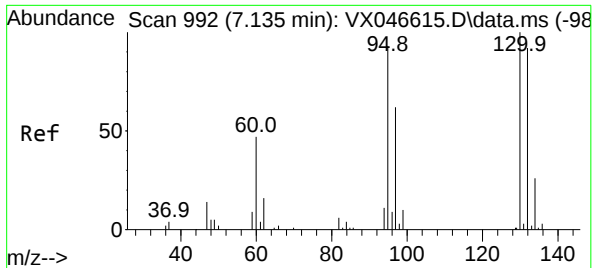
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#36
1,2-Dichloroethane
Concen: 19.328 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

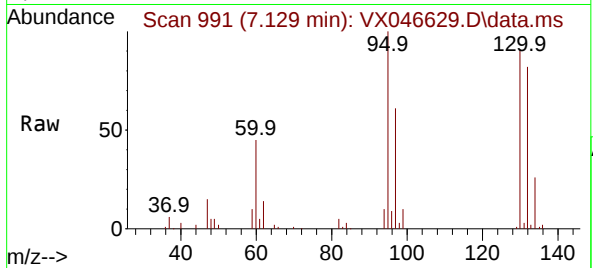
Tgt Ion:	62	Resp:	36848
Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.5	9.7





#37
Trichloroethene
Concen: 18.546 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

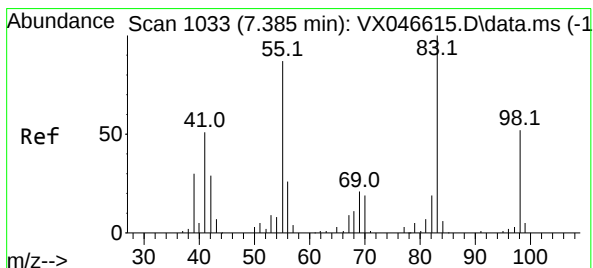
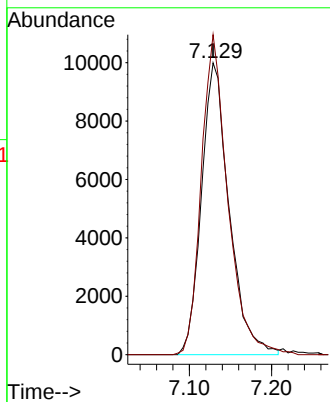
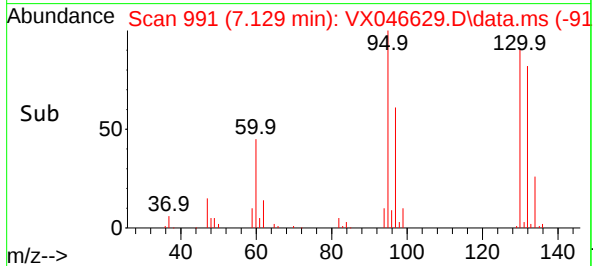
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



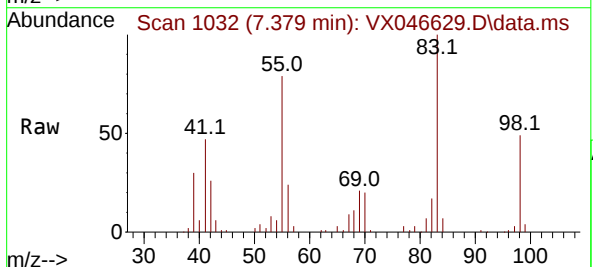
Tgt Ion:130 Resp: 23450
Ion Ratio Lower Upper
130 100
95 109.1 74.7 112.1

Manual Integrations
APPROVED

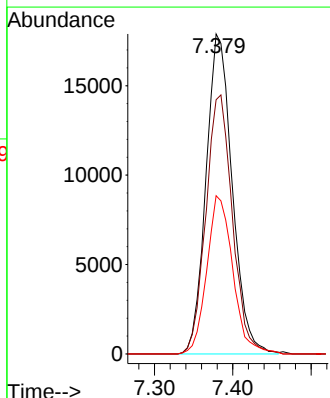
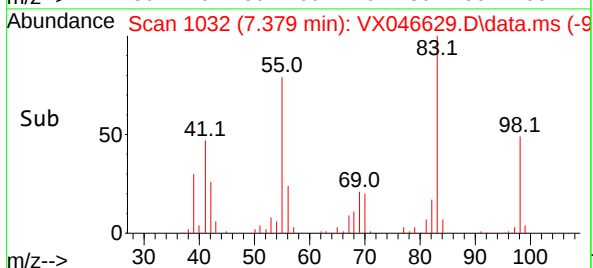
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

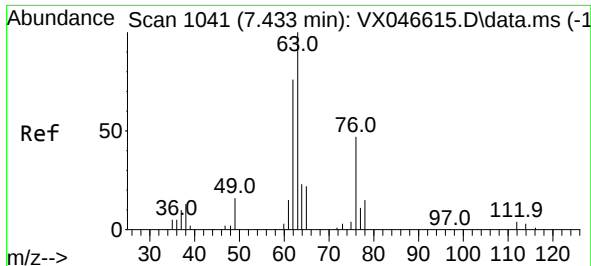


#38
Methylcyclohexane
Concen: 19.131 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43



Tgt Ion: 83 Resp: 41647
Ion Ratio Lower Upper
83 100
55 82.2 42.6 128.0
98 49.1 24.8 74.3





#39

1,2-Dichloropropane

Concen: 18.282 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX046629.D

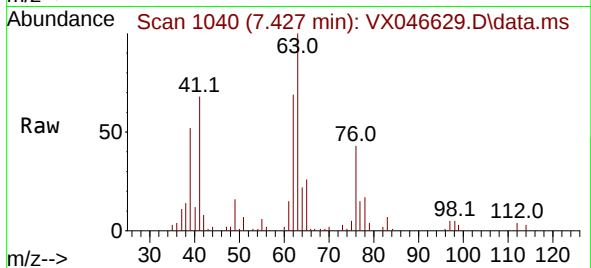
Acq: 11 Jun 2025 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01



Tgt Ion: 63 Resp: 22980

Ion Ratio Lower Upper

63 100

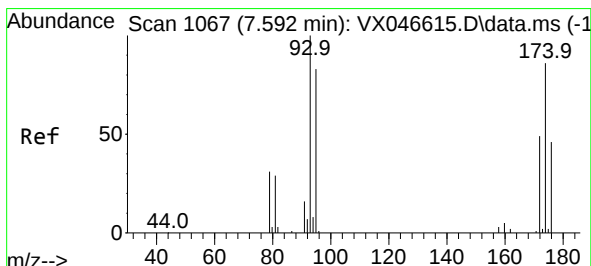
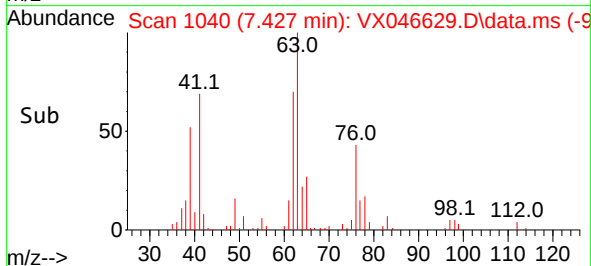
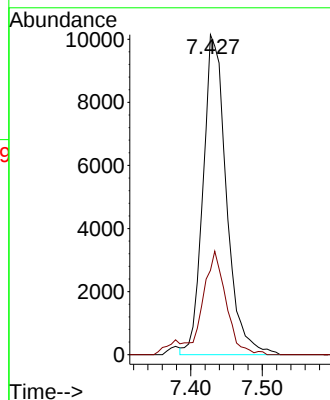
65 26.4 21.5 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#40

Dibromomethane

Concen: 18.611 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VX046629.D

Acq: 11 Jun 2025 11:43

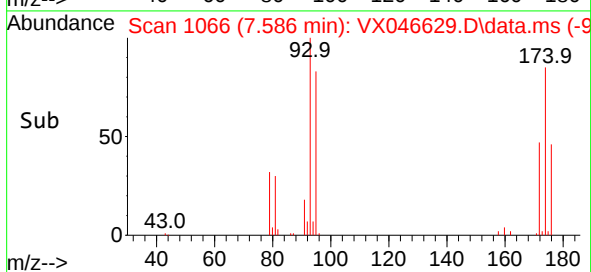
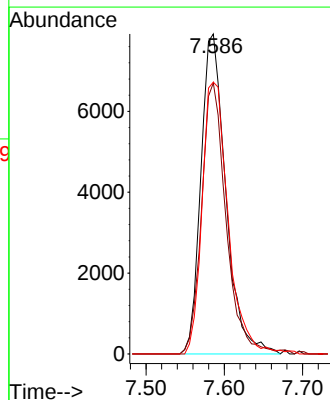
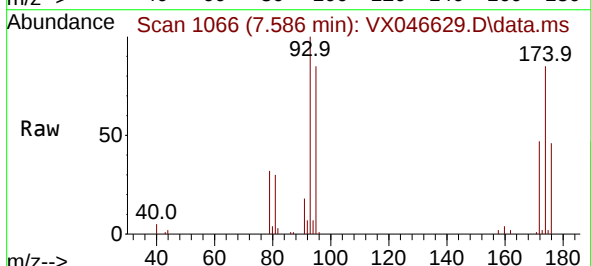
Tgt Ion: 93 Resp: 17488

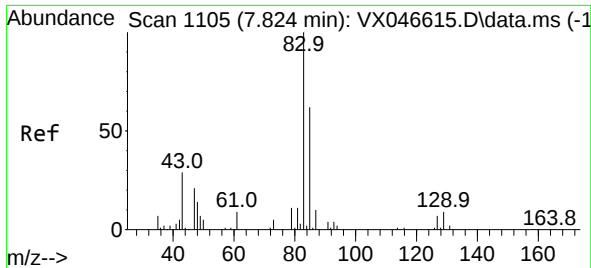
Ion Ratio Lower Upper

93 100

95 82.9 0.0 164.8

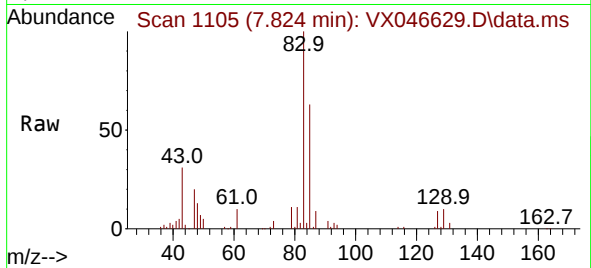
174 88.6 0.0 176.0





#41
Bromodichloromethane
Concen: 18.672 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

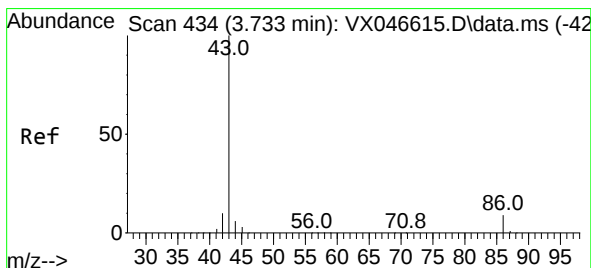
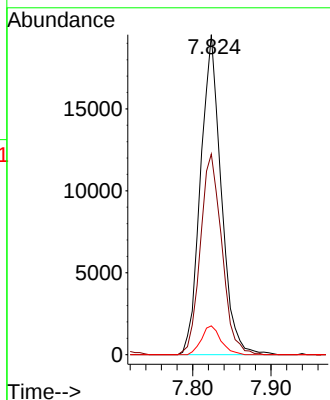
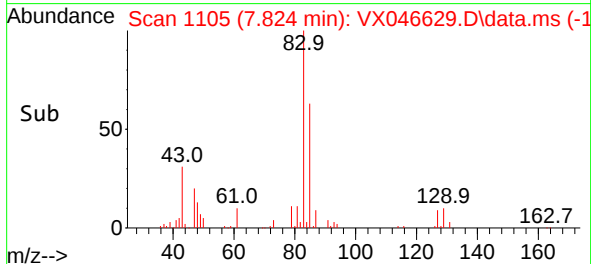
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



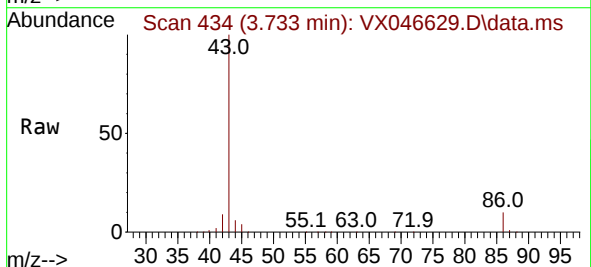
Tgt Ion: 83 Resp: 35749
Ion Ratio Lower Upper
83 100
85 62.7 49.8 74.6
127 9.0 5.5 8.3

Manual Integrations
APPROVED

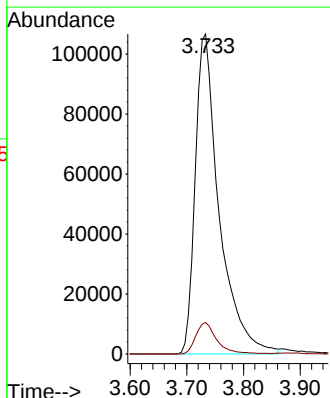
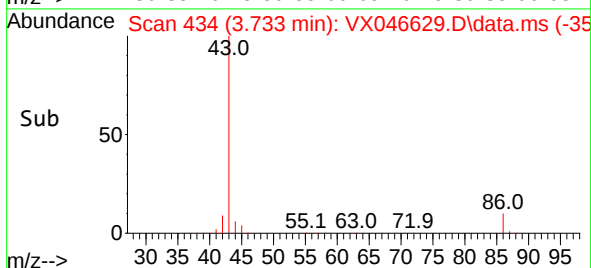
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

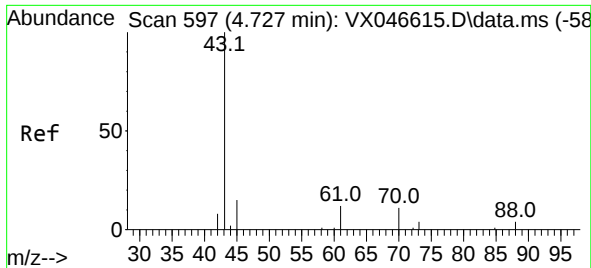


#42
Vinyl Acetate
Concen: 94.779 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43



Tgt Ion: 43 Resp: 312533
Ion Ratio Lower Upper
43 100
86 8.6 6.4 9.6





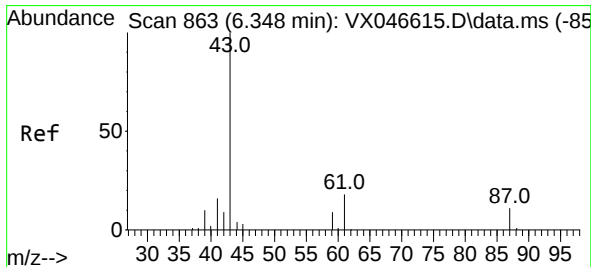
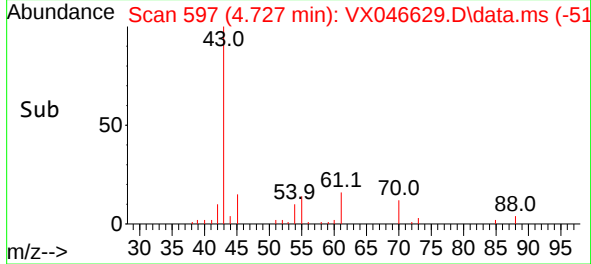
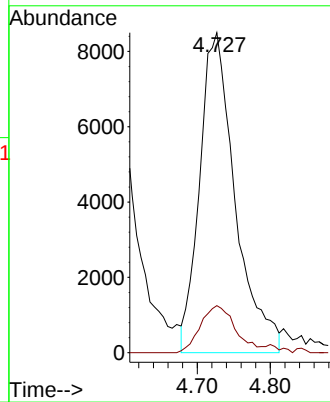
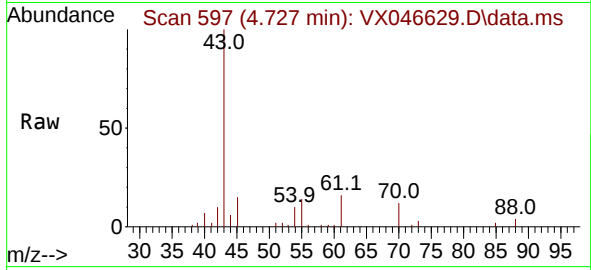
#43
Ethyl Acetate
Concen: 17.781 ug/l m
RT: 4.727 min Scan# 597
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tgt Ion: 43 Resp: 28784
Ion Ratio Lower Upper
43 100
45 14.2 7.9 11.9

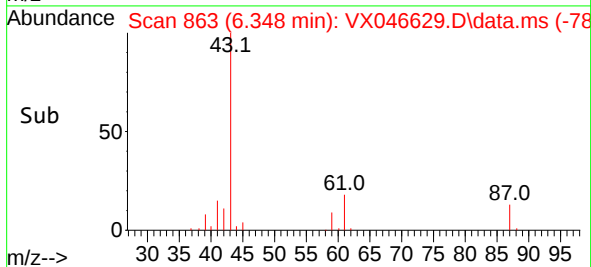
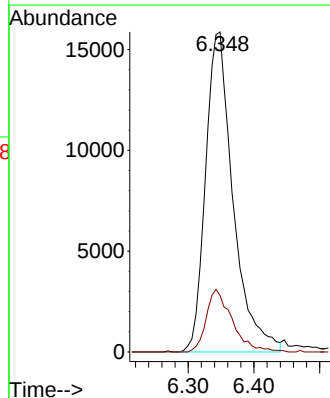
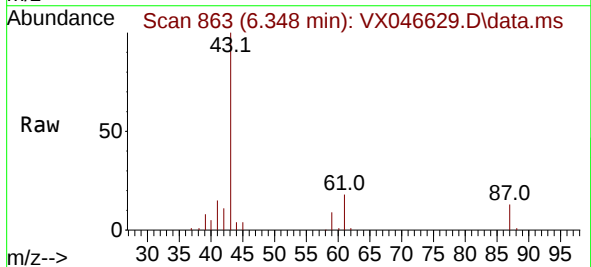
Manual Integrations
APPROVED

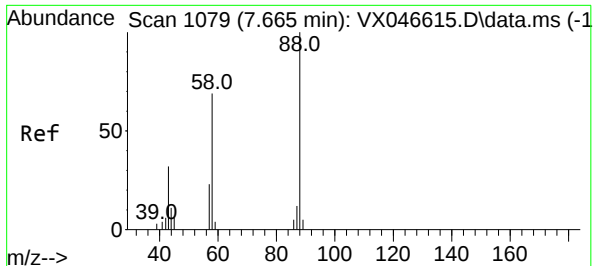
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#44
Isopropyl Acetate
Concen: 18.274 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

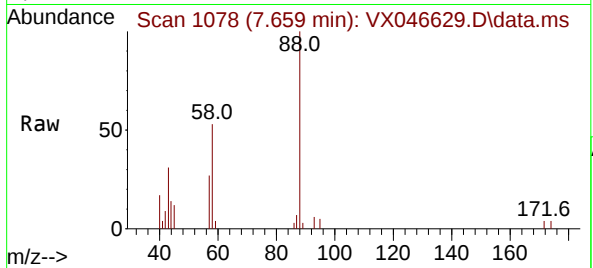
Tgt Ion: 43 Resp: 46270
Ion Ratio Lower Upper
43 100
61 18.3 15.0 22.4





#45
1,4-Dioxane
Concen: 333.404 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

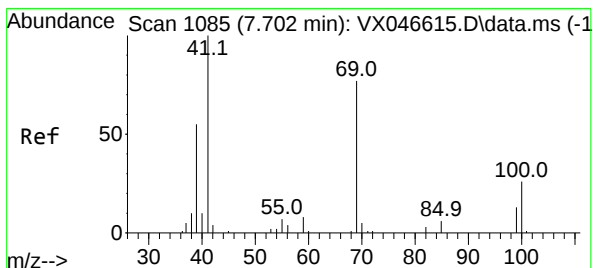
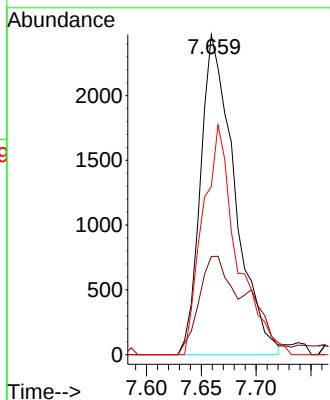
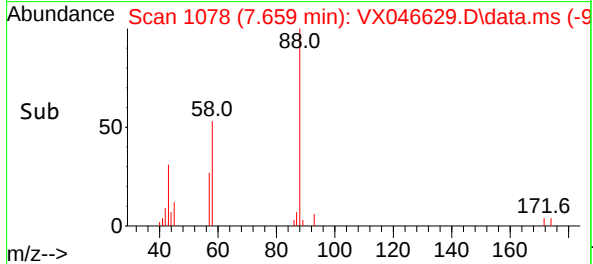
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



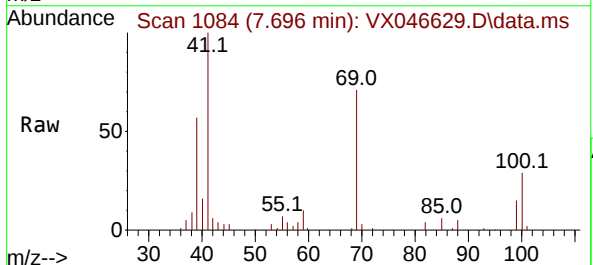
Tgt Ion: 88 Resp: 532
Ion Ratio Lower Upper
88 100
43 29.8 21.6 32.4
58 72.3 60.8 91.2

Manual Integrations
APPROVED

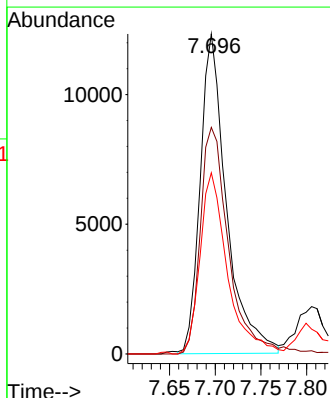
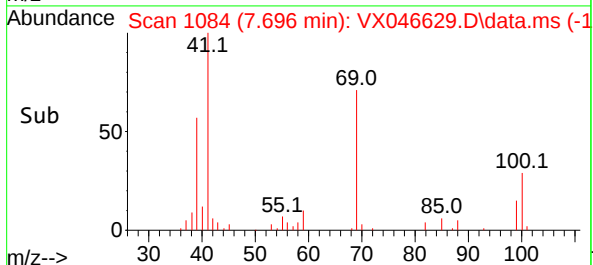
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

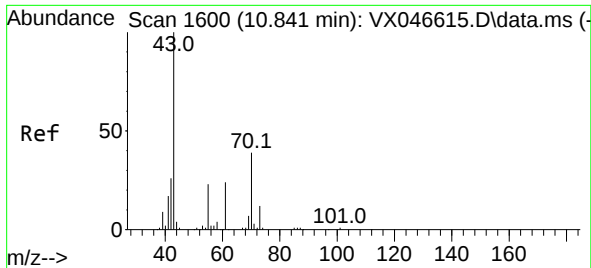


#46
Methyl methacrylate
Concen: 17.792 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43



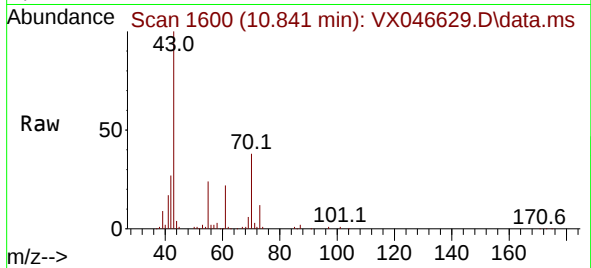
Tgt Ion: 41 Resp: 24598
Ion Ratio Lower Upper
41 100
69 71.3 38.7 116.1
39 57.0 27.7 83.1





#47
n-amy1 Acetate
Concen: 18.719 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

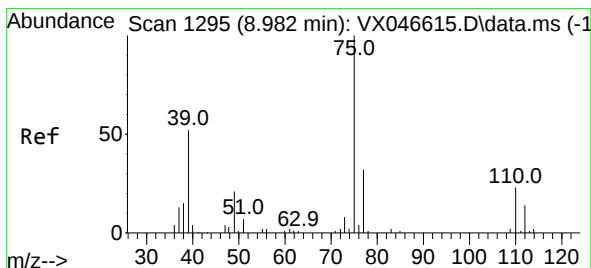
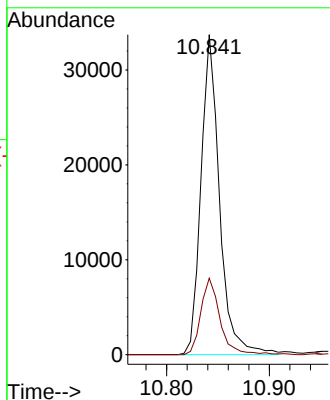
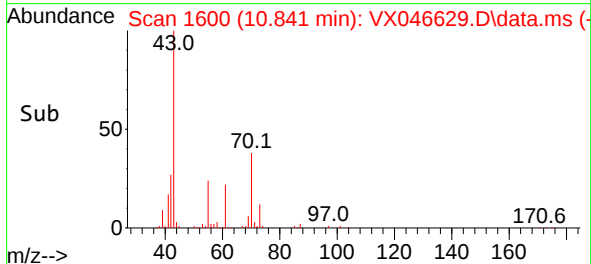
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



Tgt Ion: 43 Resp: 4239
Ion Ratio Lower Upper
43 100
55 24.7 19.4 29.2

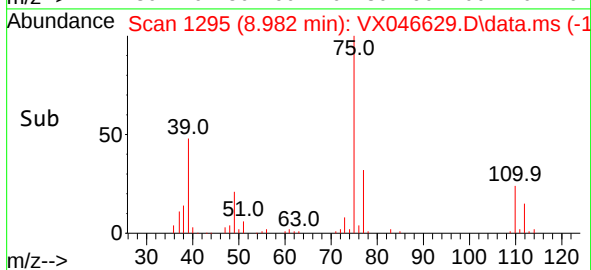
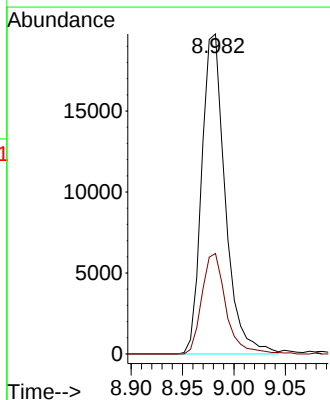
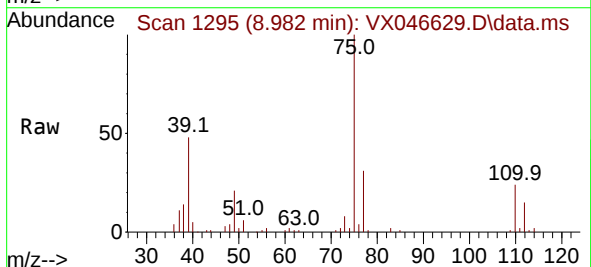
Manual Integrations
APPROVED

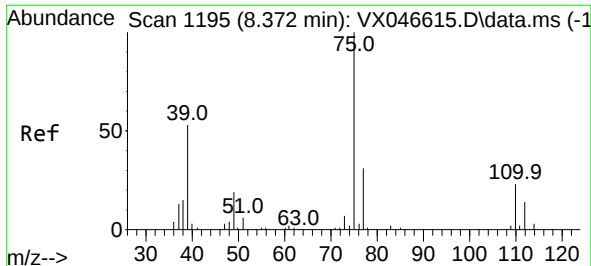
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#48
t-1,3-Dichloropropene
Concen: 18.388 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Tgt Ion: 75 Resp: 31556
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0





#49

cis-1,3-Dichloropropene

Concen: 18.925 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX046629.D

Acq: 11 Jun 2025 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tgt Ion: 75 Resp: 36260

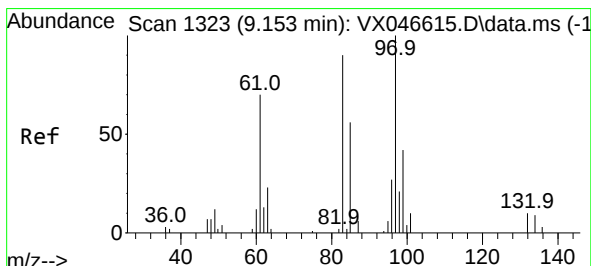
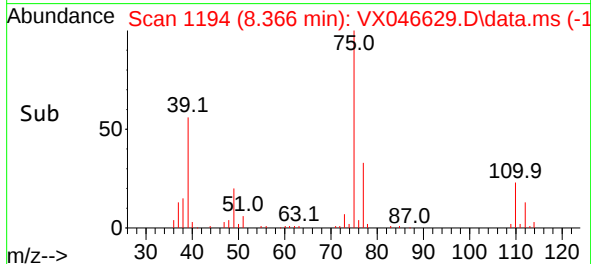
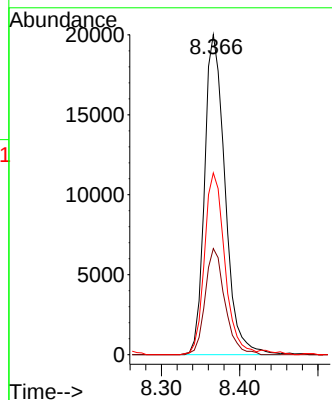
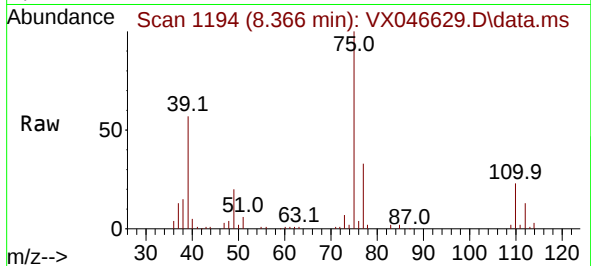
Ion	Ratio	Lower	Upper
75	100		
77	33.1	24.6	36.8
39	56.8	42.7	64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#50

1,1,2-Trichloroethane

Concen: 19.309 ug/l

RT: 9.153 min Scan# 1323

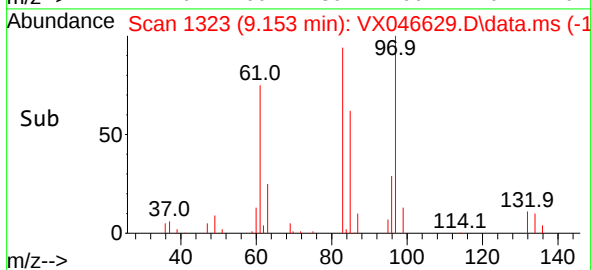
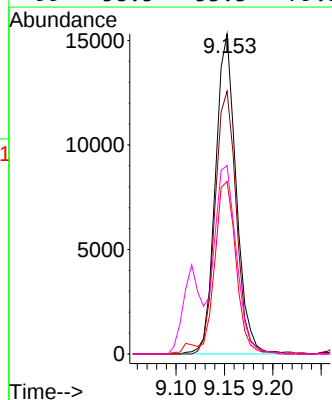
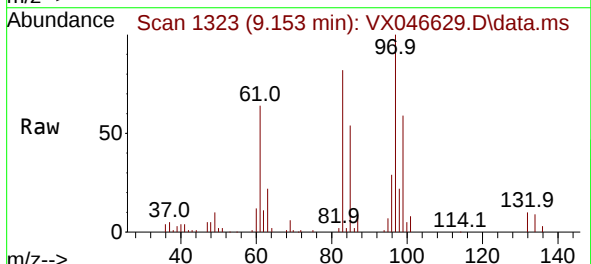
Delta R.T. 0.000 min

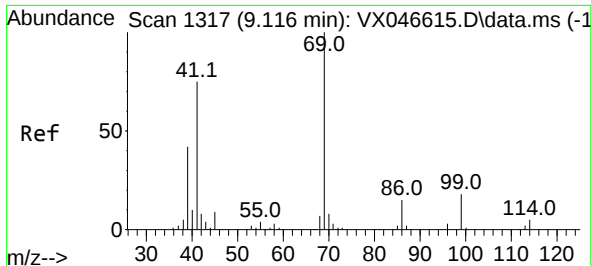
Lab File: VX046629.D

Acq: 11 Jun 2025 11:43

Tgt Ion: 97 Resp: 22867

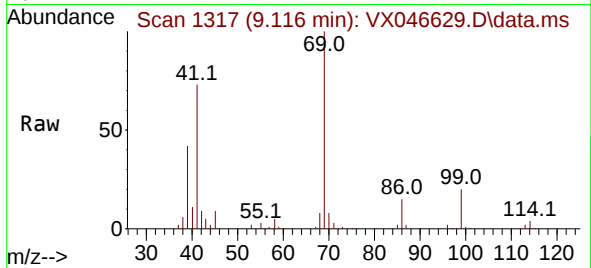
Ion	Ratio	Lower	Upper
97	100		
83	82.1	72.1	108.1
85	53.9	47.5	71.3
99	58.5	53.3	79.9





#51
Ethyl methacrylate
Concen: 17.595 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

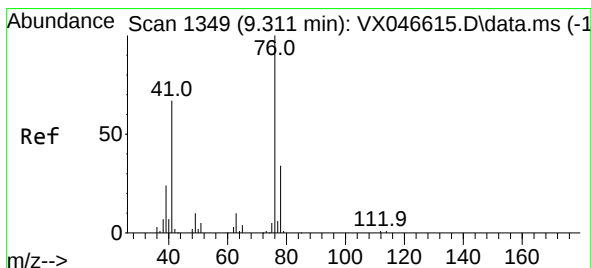
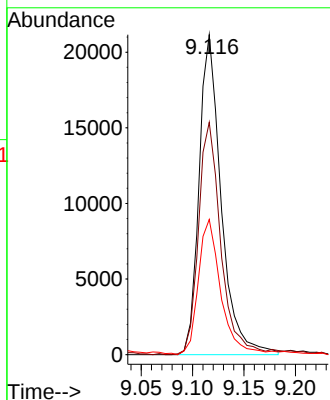
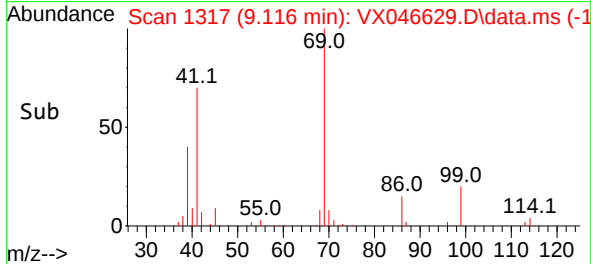
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



Tgt Ion: 69 Resp: 31684
Ion Ratio Lower Upper
69 100
41 72.3 37.4 112.2
39 42.2 20.8 62.5

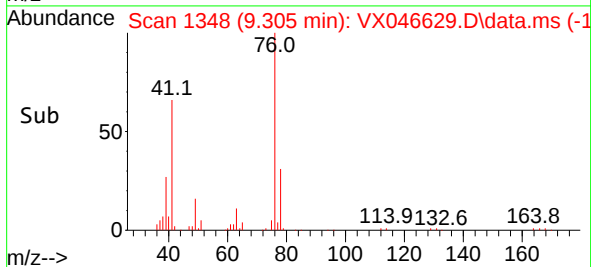
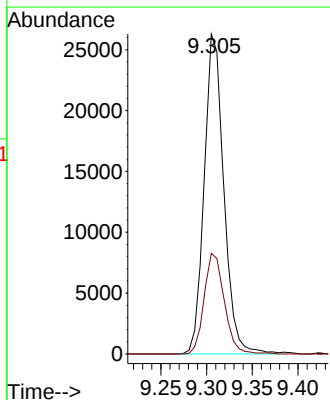
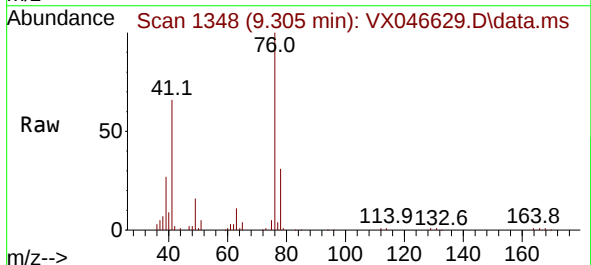
Manual Integrations
APPROVED

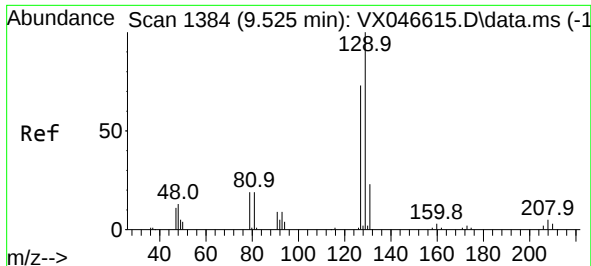
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#52
1,3-Dichloropropane
Concen: 19.003 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

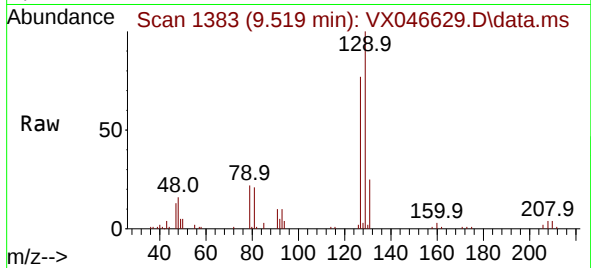
Tgt Ion: 76 Resp: 39199
Ion Ratio Lower Upper
76 100
78 32.2 0.0 62.6





#53
Dibromochloromethane
Concen: 18.614 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

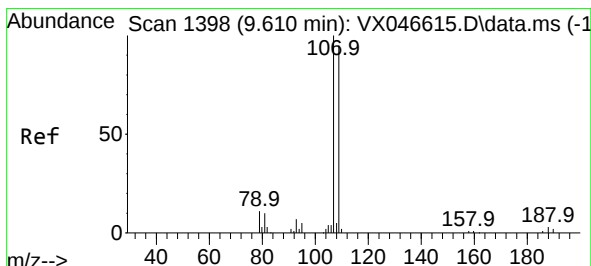
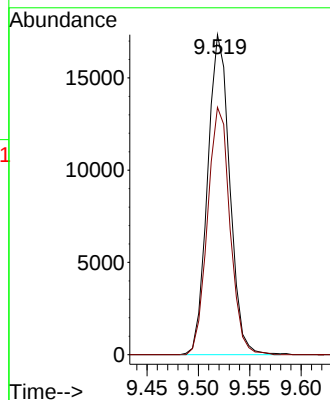
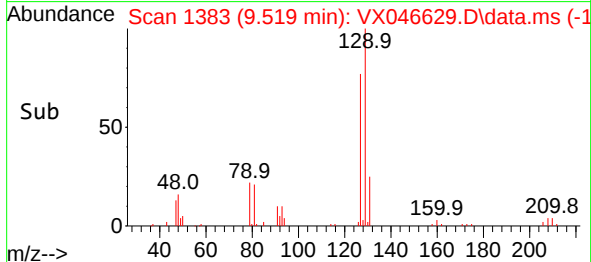
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



Tgt Ion:129 Resp: 2598
Ion Ratio Lower Upper
129 100
127 78.2 38.3 114.9

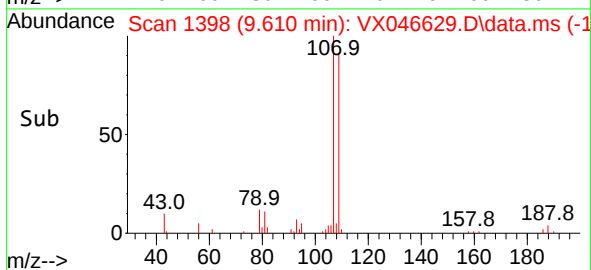
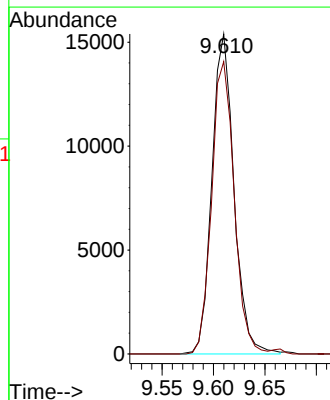
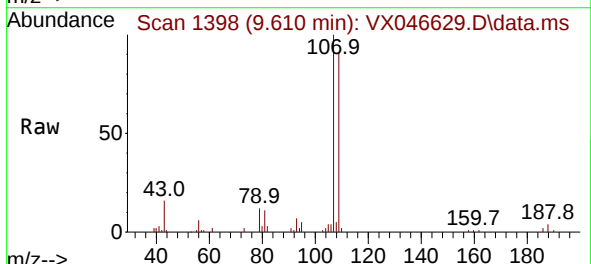
Manual Integrations
APPROVED

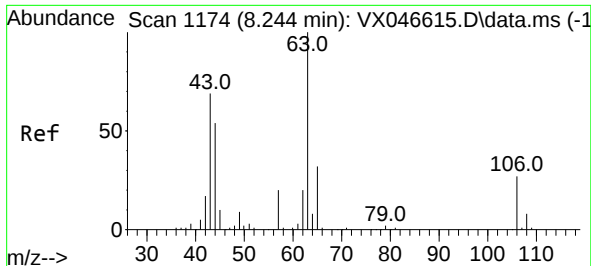
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#54
1,2-Dibromoethane
Concen: 18.422 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Tgt Ion:107 Resp: 22948
Ion Ratio Lower Upper
107 100
109 93.3 75.8 113.8





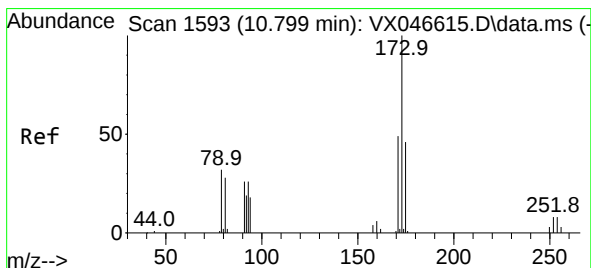
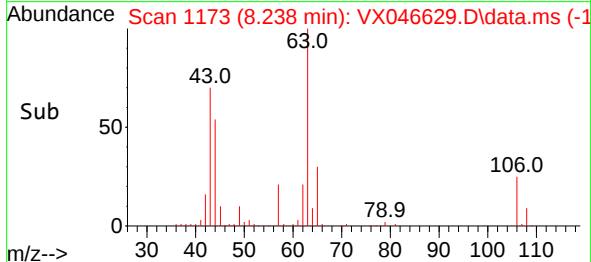
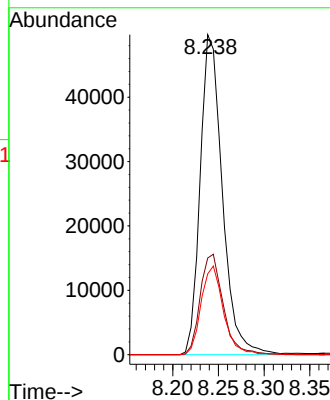
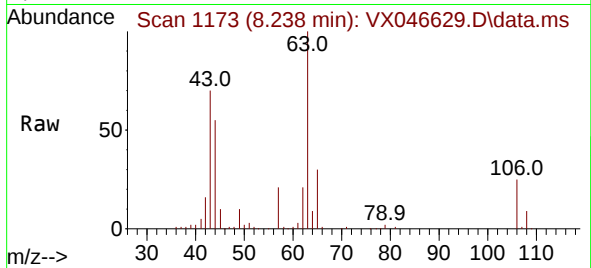
#55
2-Chloroethyl vinyl ether
Concen: 89.155 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tgt Ion: 63 Resp: 8384
Ion Ratio Lower Upper
63 100
65 32.4 25.2 37.8
106 27.7 21.8 32.6

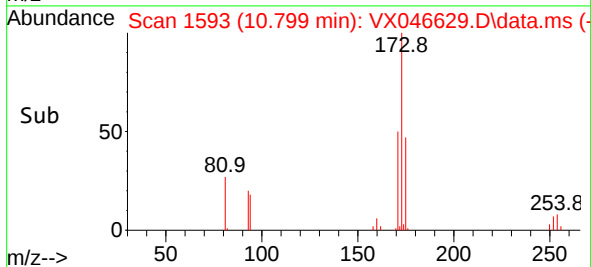
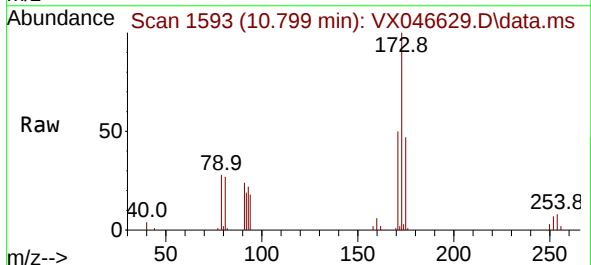
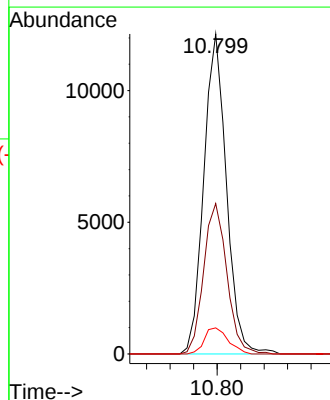
Manual Integrations
APPROVED

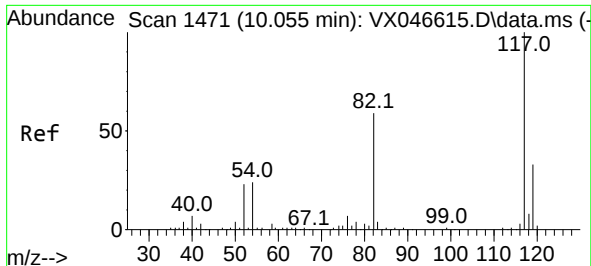
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#56
Bromoform
Concen: 18.835 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

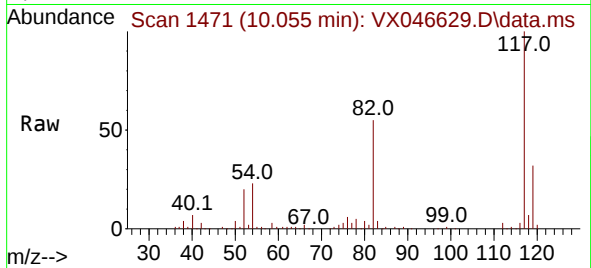
Tgt Ion:173 Resp: 16248
Ion Ratio Lower Upper
173 100
175 48.3 38.0 57.0
254 8.6 6.7 10.1





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

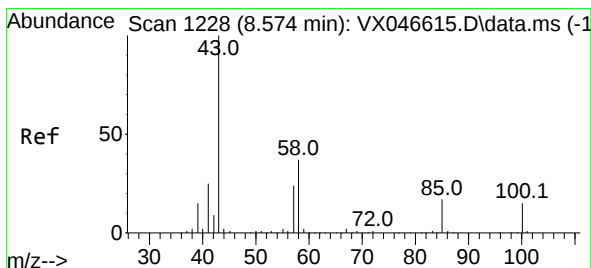
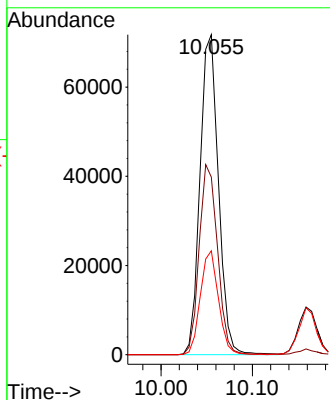
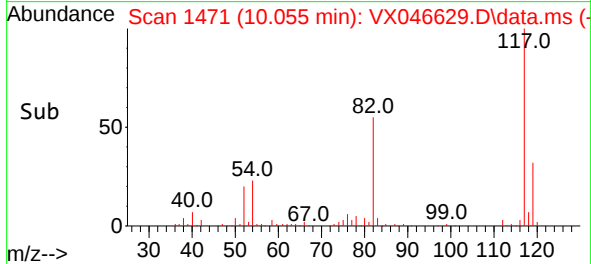
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



Tgt Ion:117 Resp: 100408
Ion Ratio Lower Upper
117 100
82 59.1 46.5 69.7
119 32.0 25.8 38.6

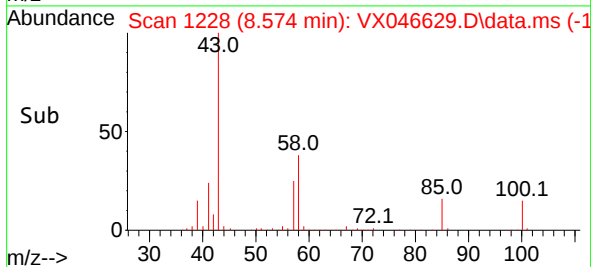
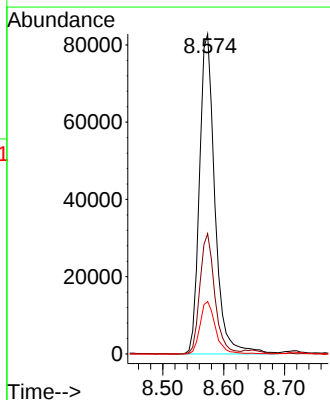
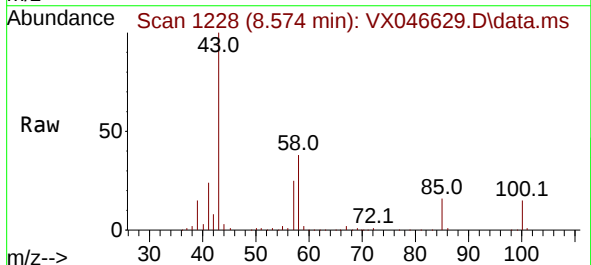
Manual Integrations
APPROVED

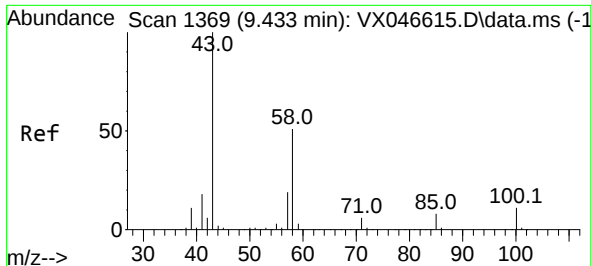
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#58
4-Methyl-2-Pentanone
Concen: 89.348 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Tgt Ion: 43 Resp: 145927
Ion Ratio Lower Upper
43 100
58 36.3 29.4 44.2
85 16.3 13.3 19.9





#59

2-Hexanone

Concen: 86.626 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX046629.D

Acq: 11 Jun 2025 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

Tgt Ion: 43 Resp: 99810

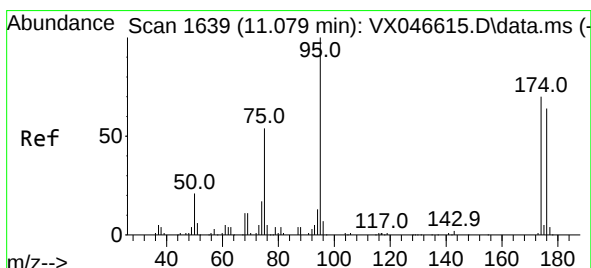
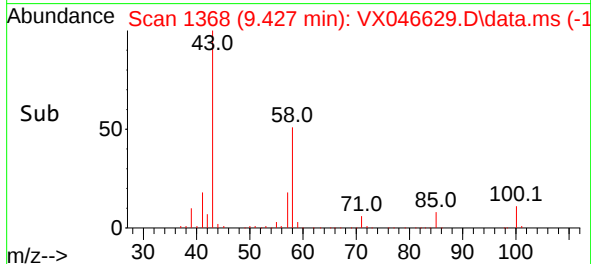
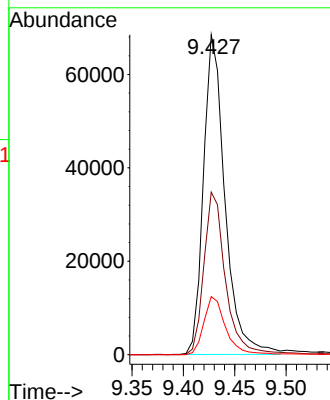
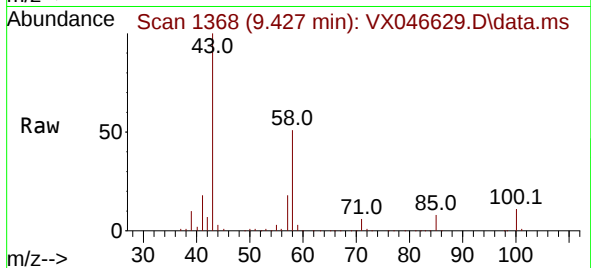
Ion	Ratio	Lower	Upper
43	100		
58	51.3	39.8	59.8
57	18.3	14.5	21.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#60

4-Bromofluorobenzene

Concen: 30.142 ug/l

RT: 11.079 min Scan# 1639

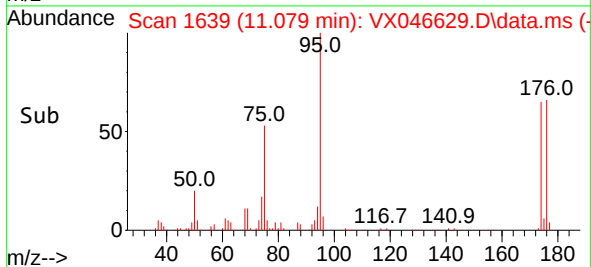
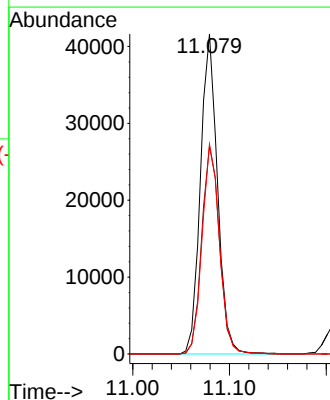
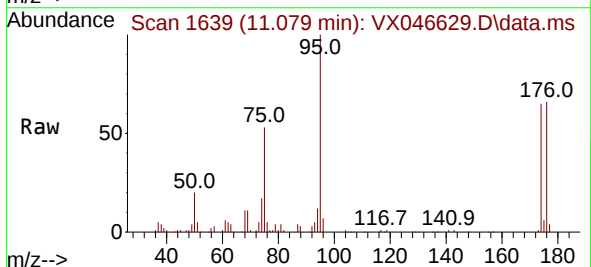
Delta R.T. 0.000 min

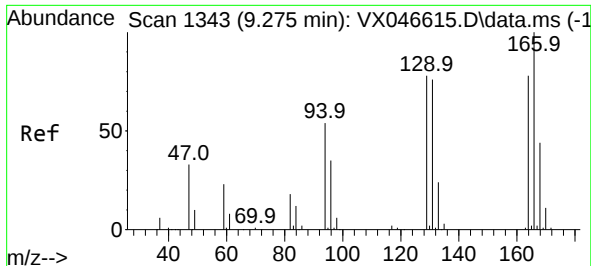
Lab File: VX046629.D

Acq: 11 Jun 2025 11:43

Tgt Ion: 95 Resp: 51013

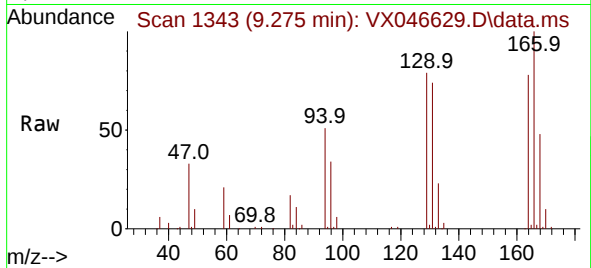
Ion	Ratio	Lower	Upper
95	100		
174	67.4	56.0	84.0
176	66.8	52.2	78.4





#61
Tetrachloroethene
Concen: 18.502 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

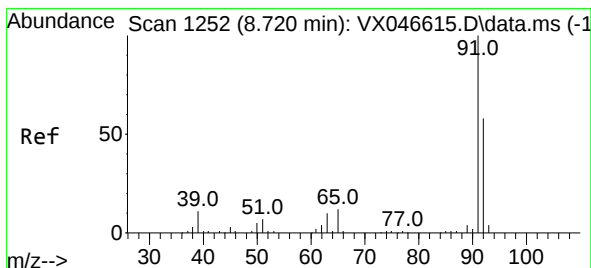
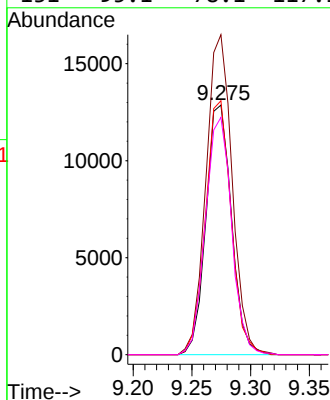
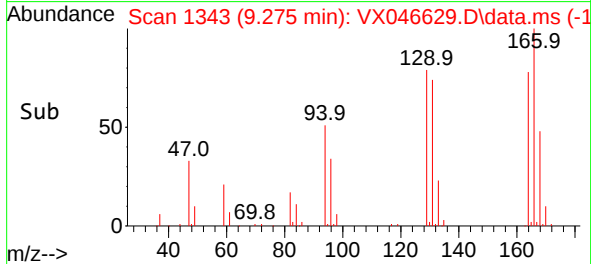
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



Tgt Ion:164 Resp: 19469
Ion Ratio Lower Upper
164 100
166 128.2 103.1 154.7
129 101.7 80.3 120.5
131 95.1 78.1 117.1

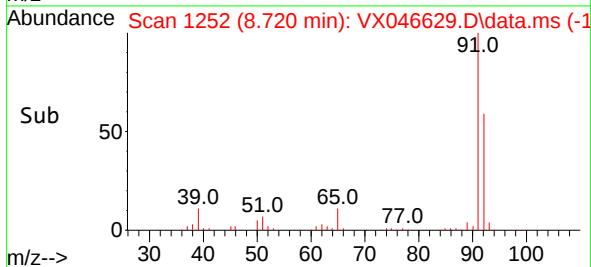
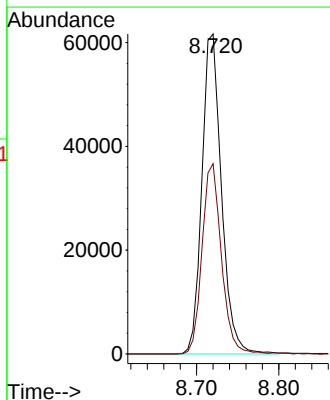
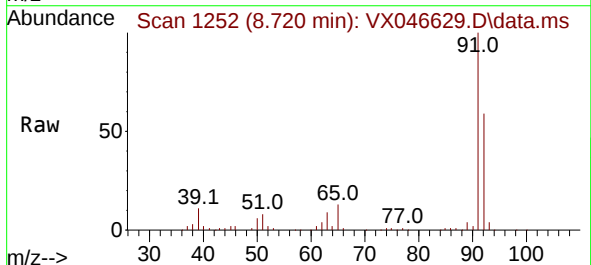
Manual Integrations
APPROVED

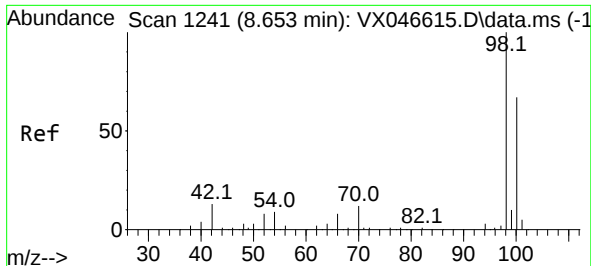
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#62
Toluene
Concen: 18.742 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Tgt Ion: 91 Resp: 101985
Ion Ratio Lower Upper
91 100
92 58.7 46.8 70.2





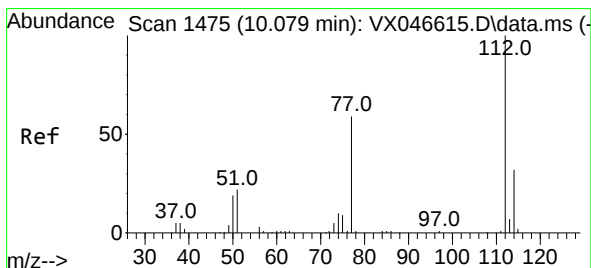
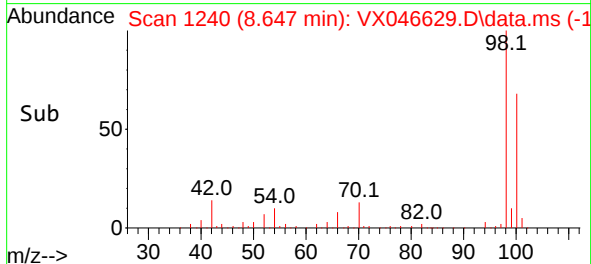
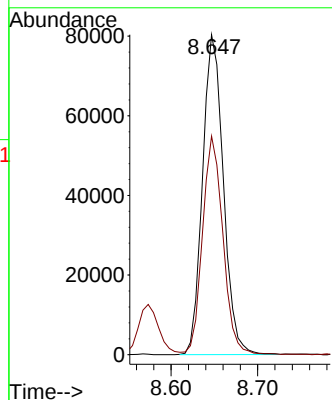
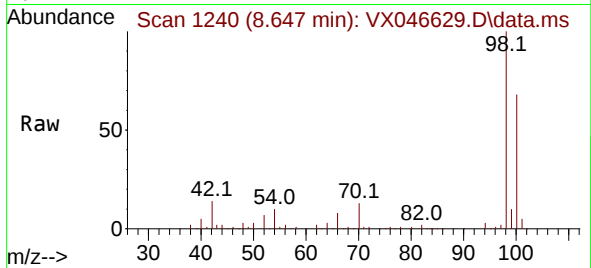
#63
Toluene-d8
Concen: 29.932 ug/l
RT: 8.647 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tgt Ion: 98 Resp: 134240
Ion Ratio Lower Upper
98 100
100 66.9 52.6 79.0

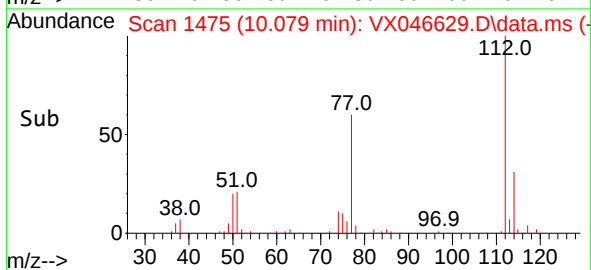
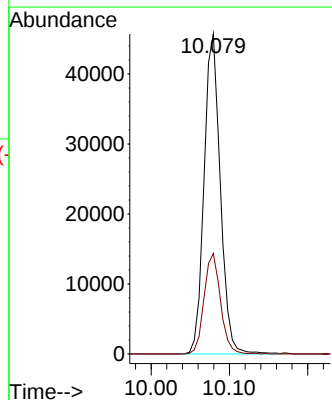
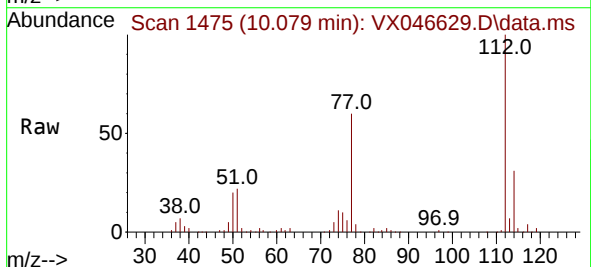
Manual Integrations
APPROVED

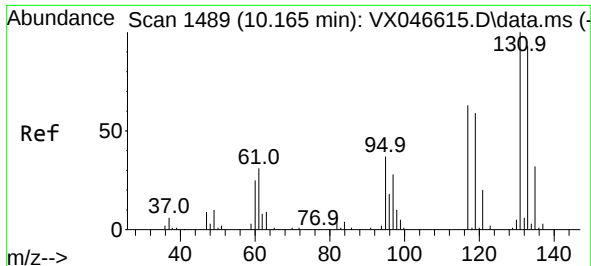
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#64
Chlorobenzene
Concen: 18.757 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Tgt Ion:112 Resp: 65831
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0





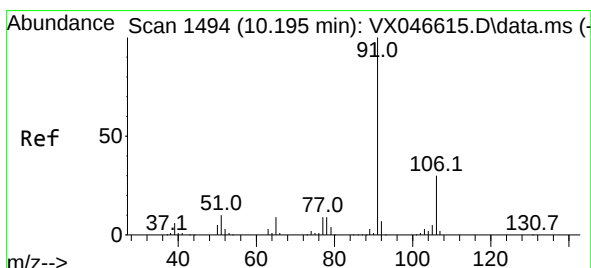
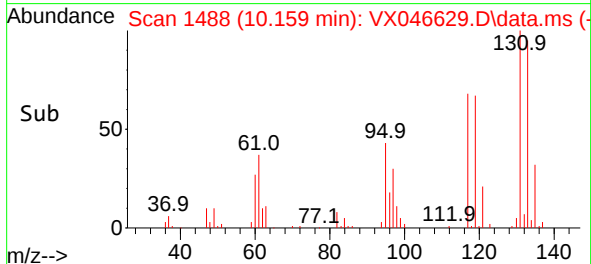
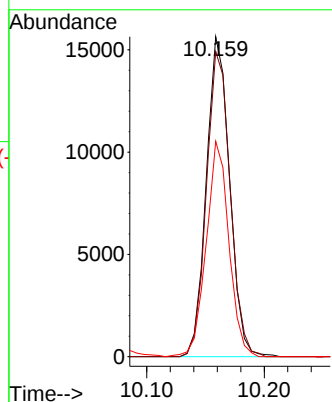
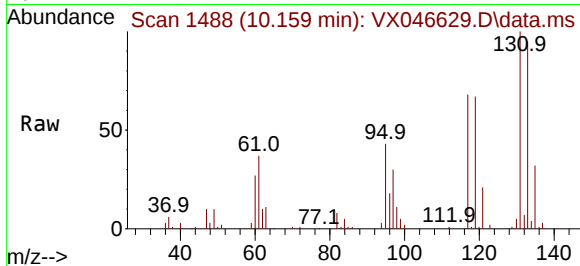
#65
1,1,1,2-Tetrachloroethane
Concen: 18.302 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tgt Ion:131 Resp: 21528
Ion Ratio Lower Upper
131 100
133 96.8 0.0 190.6
119 65.4 0.0 131.2

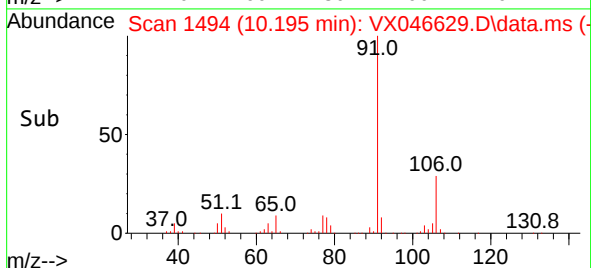
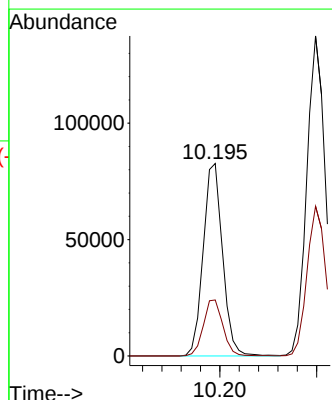
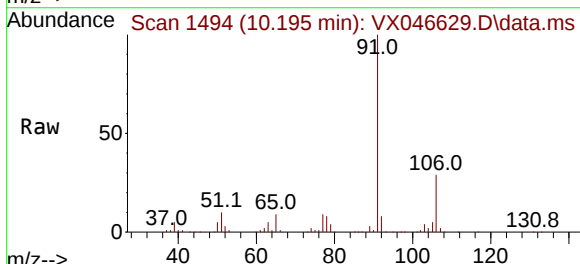
Manual Integrations
APPROVED

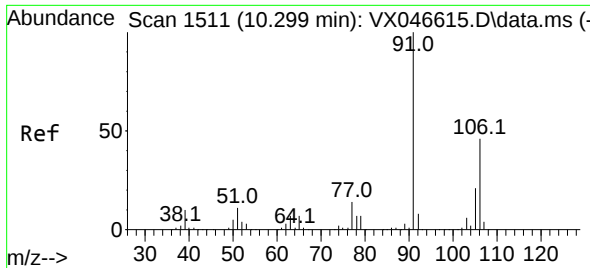
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#66
Ethyl Benzene
Concen: 18.599 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Tgt Ion: 91 Resp: 115559
Ion Ratio Lower Upper
91 100
106 29.1 23.9 35.9





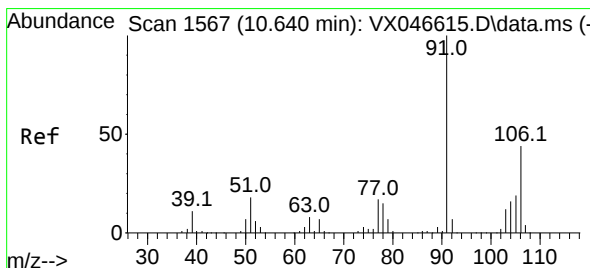
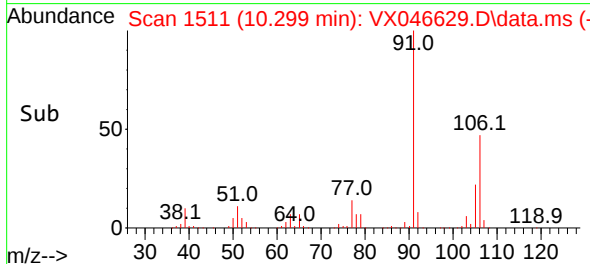
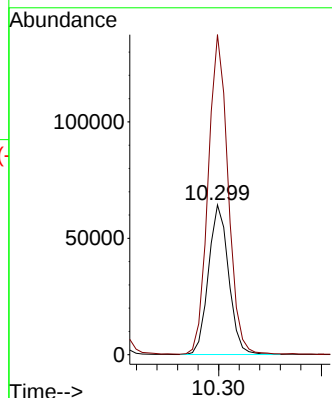
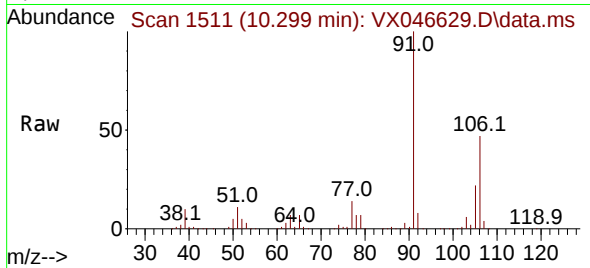
#67
m/p-Xylenes
Concen: 38.121 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tgt Ion:106 Resp: 87609
Ion Ratio Lower Upper
106 100
91 210.5 171.5 257.3

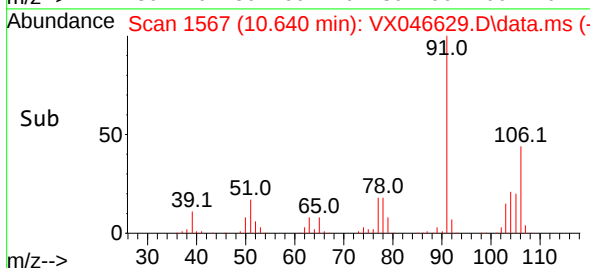
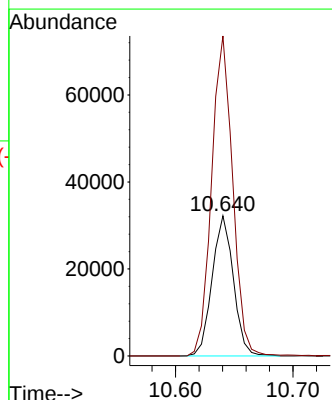
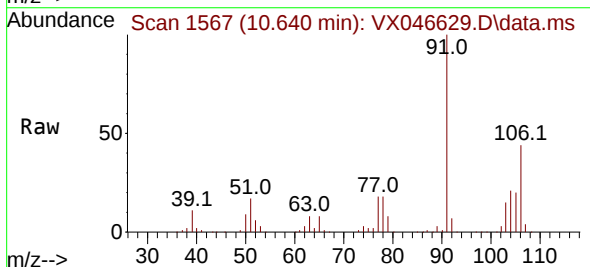
Manual Integrations
APPROVED

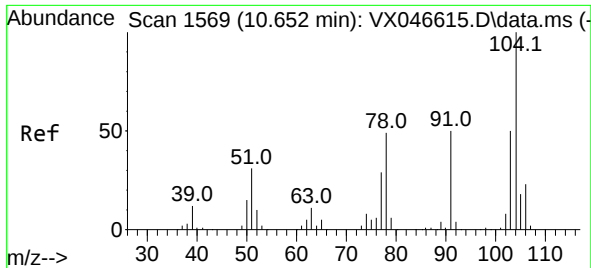
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#68
o-Xylene
Concen: 18.318 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

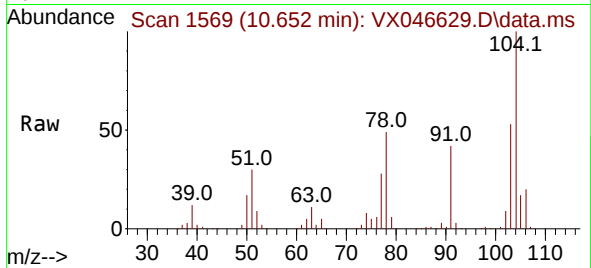
Tgt Ion:106 Resp: 40534
Ion Ratio Lower Upper
106 100
91 226.0 112.3 336.9





#69
Styrene
Concen: 18.687 ug/l
RT: 10.652 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

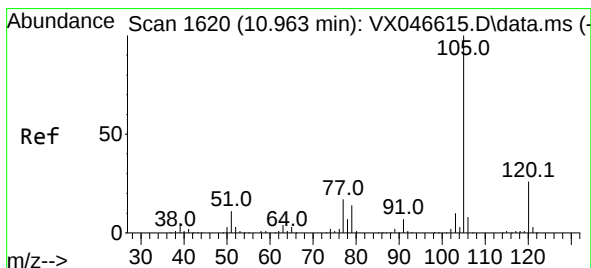
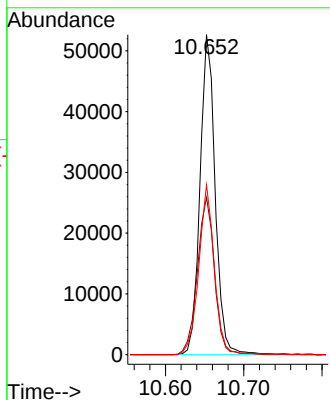
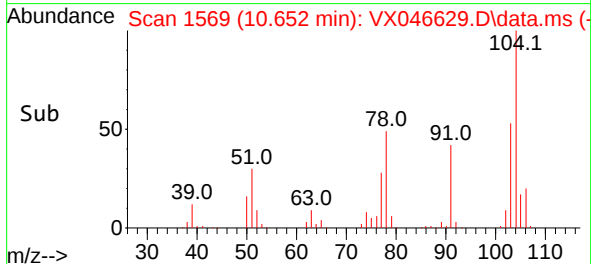
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



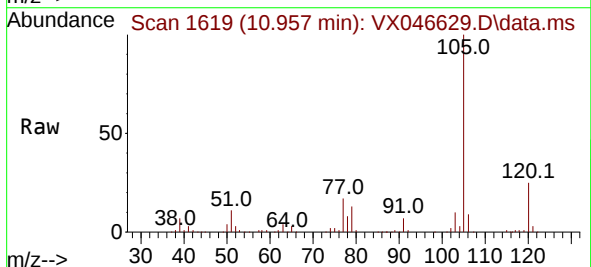
Tgt Ion:104 Resp: 7087
Ion Ratio Lower Upper
104 100
78 54.9 43.1 64.7
103 54.7 42.9 64.3

Manual Integrations
APPROVED

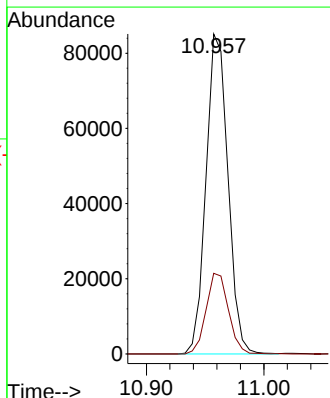
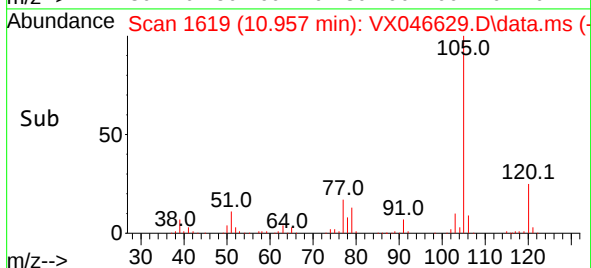
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

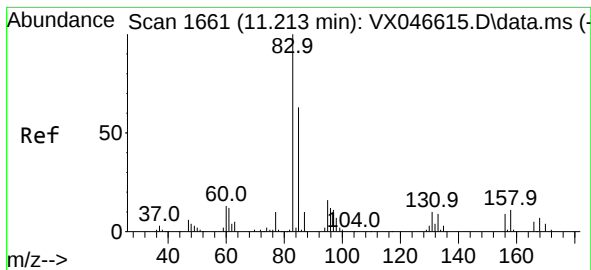


#70
Isopropylbenzene
Concen: 18.607 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43



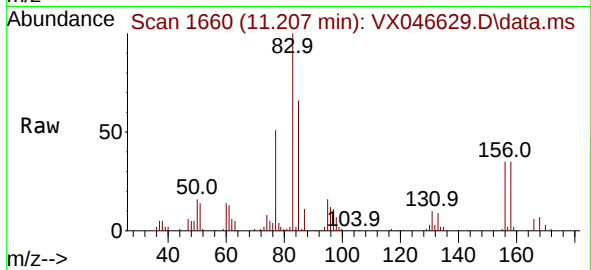
Tgt Ion:105 Resp: 110495
Ion Ratio Lower Upper
105 100
120 25.6 18.1 33.5





#71
1,1,2,2-Tetrachloroethane
Concen: 18.298 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

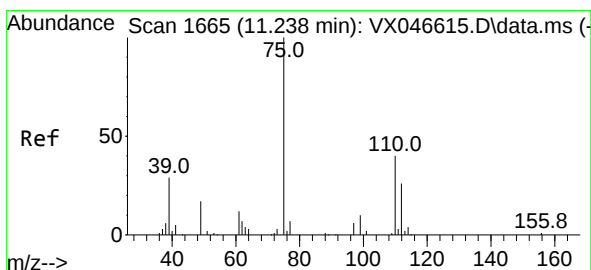
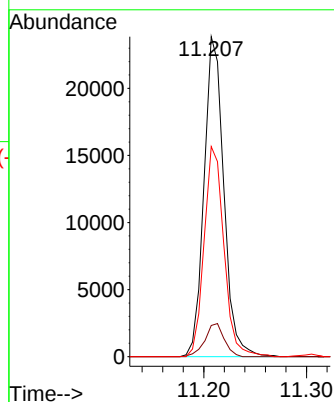
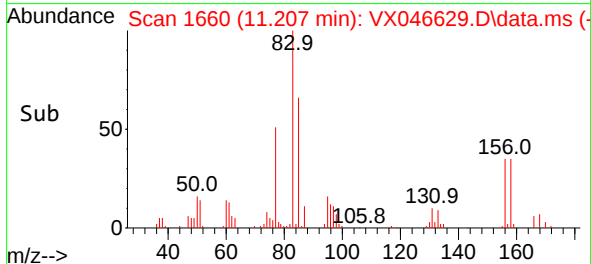
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



Tgt Ion: 83 Resp: 31918
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 65.8 31.5 94.5

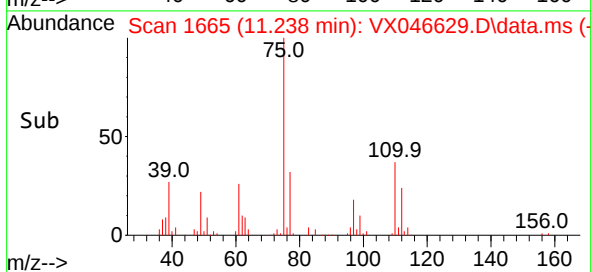
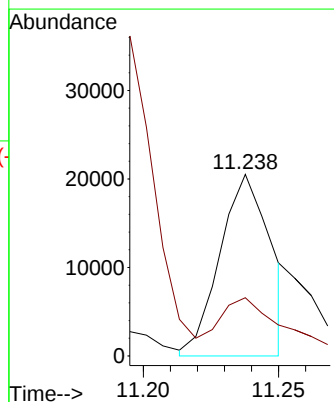
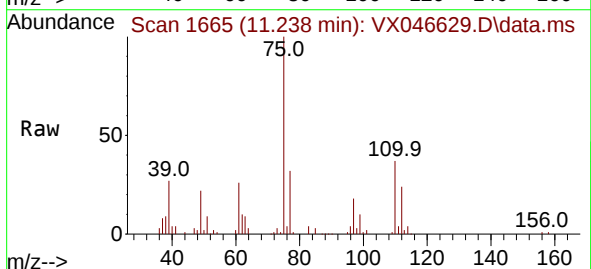
Manual Integrations
APPROVED

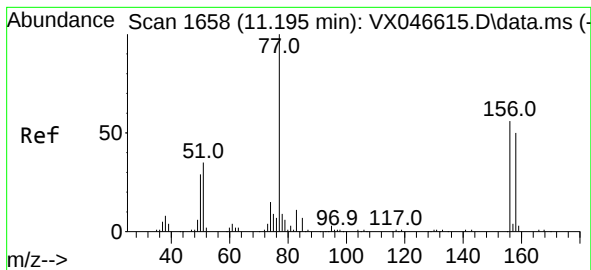
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#72
1,2,3-Trichloropropane
Concen: 18.321 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Tgt Ion: 75 Resp: 26680
Ion Ratio Lower Upper
75 100
77 42.5 0.0 82.6





#73

Bromobenzene

Concen: 18.881 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX046629.D

Acq: 11 Jun 2025 11:43

Instrument :

MSVOA_X

ClientSampleId :

VX0611WBS01

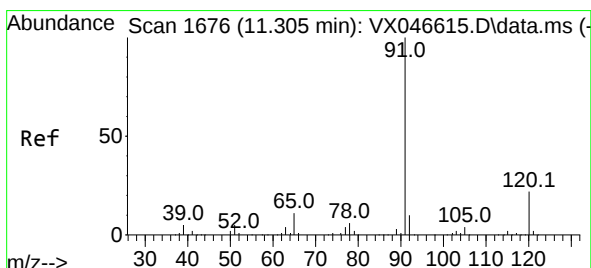
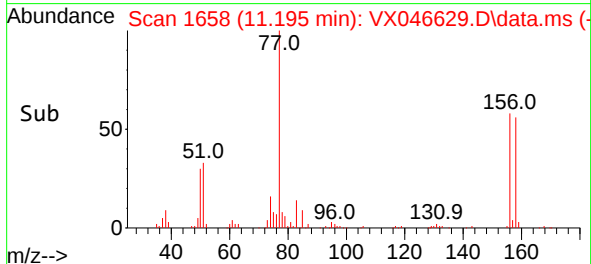
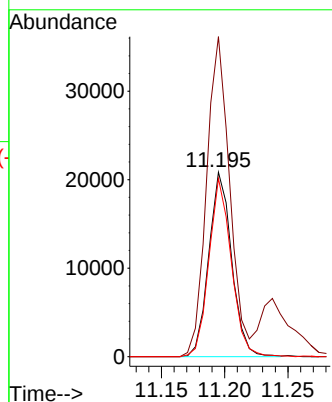
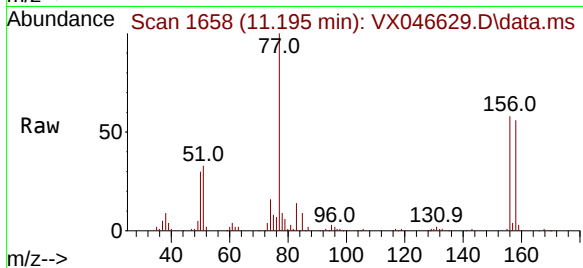
Tgt Ion:	156	Resp:	2628
Ion Ratio	Lower	Upper	
156	100		
77	174.7	0.0	358.6
158	94.5	0.0	192.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#74

n-propylbenzene

Concen: 19.084 ug/l

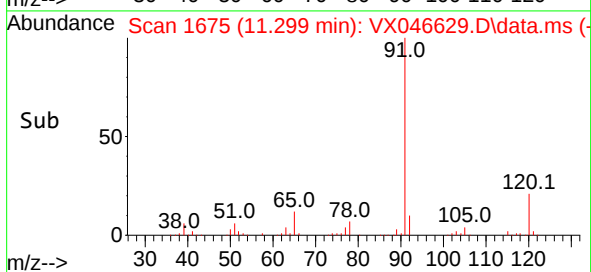
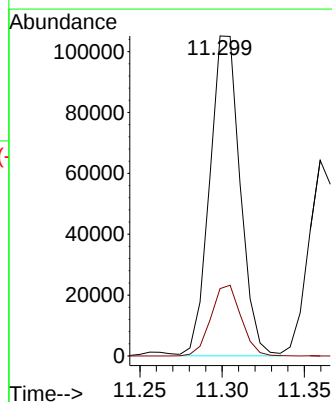
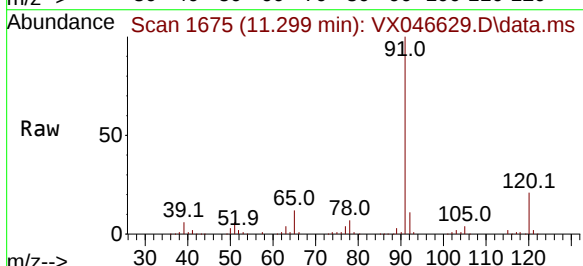
RT: 11.299 min Scan# 1675

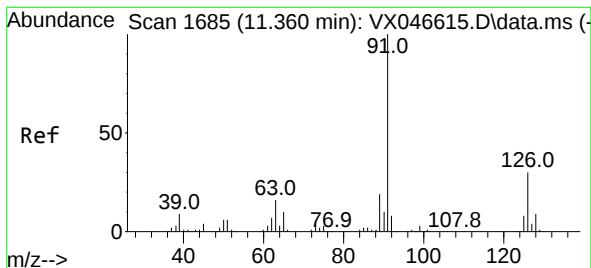
Delta R.T. -0.006 min

Lab File: VX046629.D

Acq: 11 Jun 2025 11:43

Tgt Ion:	91	Resp:	135508
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	43.8





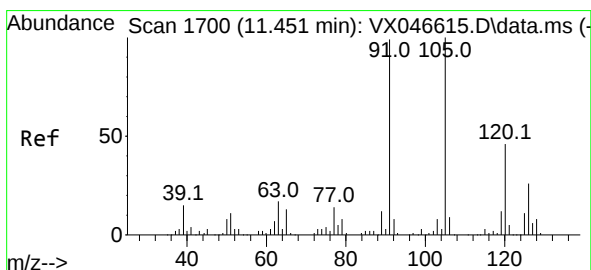
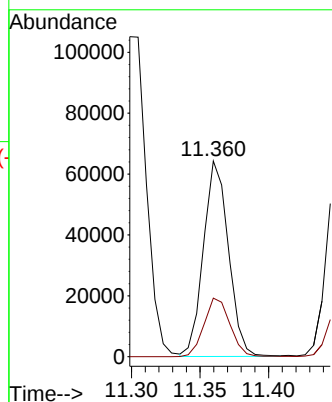
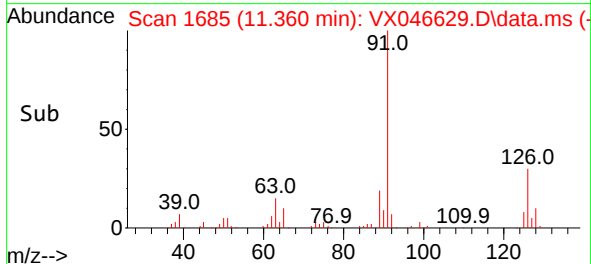
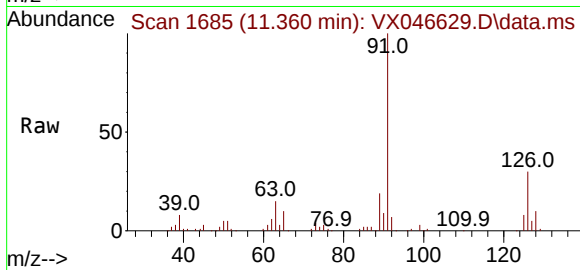
#75
2-Chlorotoluene
Concen: 19.216 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tgt Ion: 91 Resp: 81684
Ion Ratio Lower Upper
91 100
126 31.2 0.0 63.0

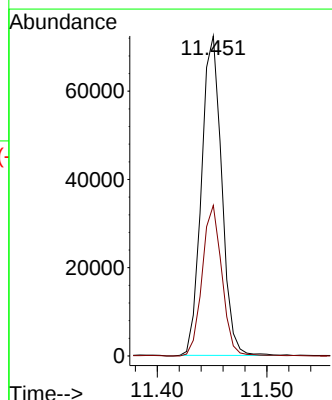
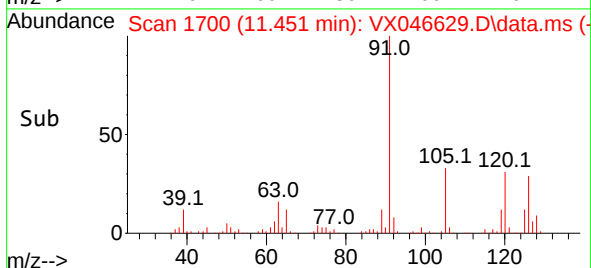
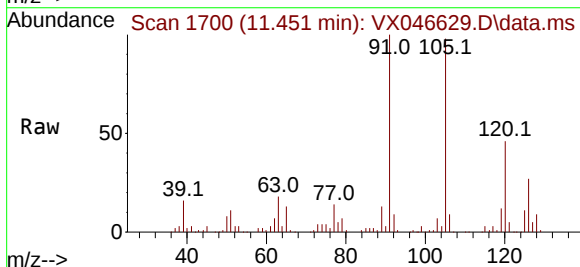
Manual Integrations
APPROVED

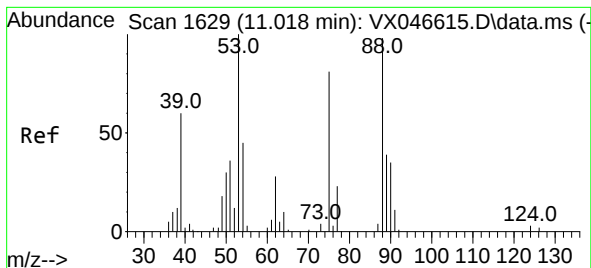
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#76
1,3,5-Trimethylbenzene
Concen: 18.811 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Tgt Ion:105 Resp: 92812
Ion Ratio Lower Upper
105 100
120 46.0 0.0 92.8





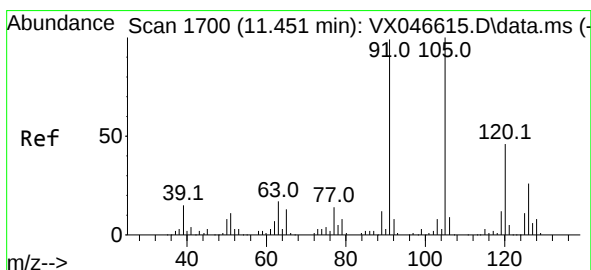
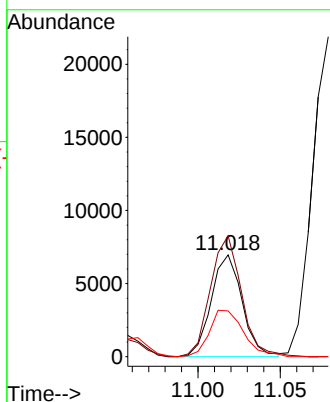
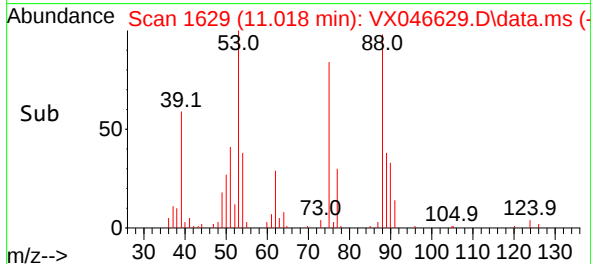
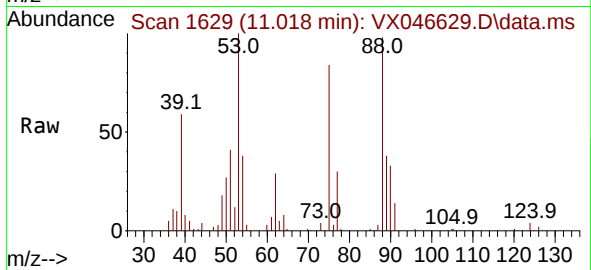
#77
t-1,4-Dichloro-2-butene
Concen: 18.549 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tgt Ion: 75 Resp: 9125
Ion Ratio Lower Upper
75 100
53 119.0 61.9 185.7
89 45.0 24.0 72.0

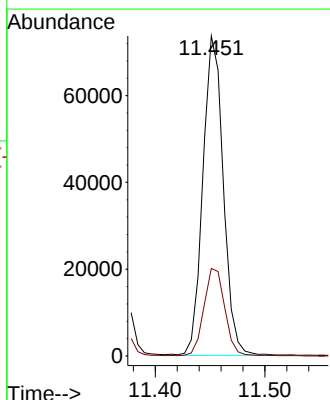
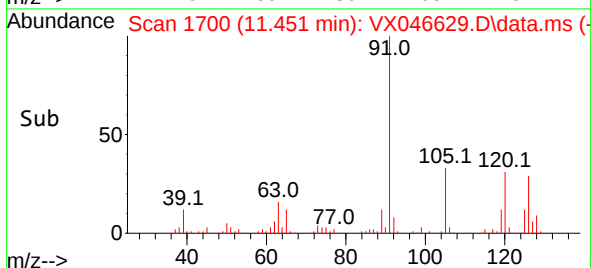
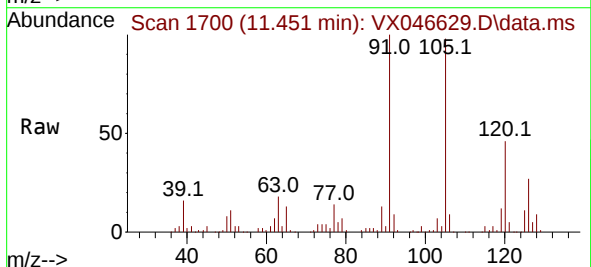
Manual Integrations
APPROVED

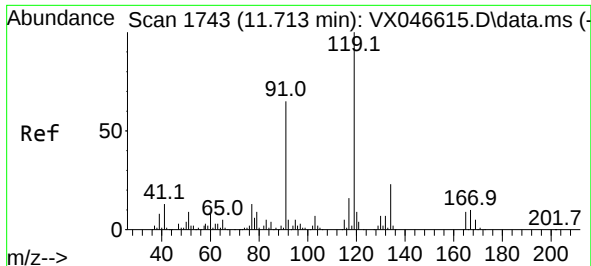
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#78
4-Chlorotoluene
Concen: 19.398 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

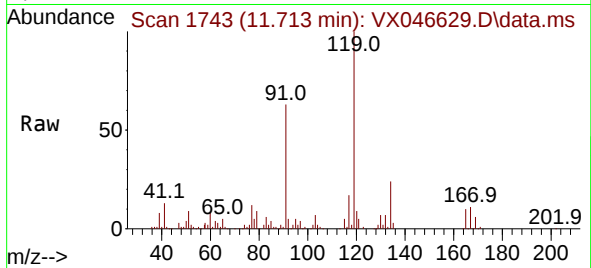
Tgt Ion: 91 Resp: 95401
Ion Ratio Lower Upper
91 100
126 27.9 0.0 55.0





#79
tert-butylbenzene
Concen: 18.912 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

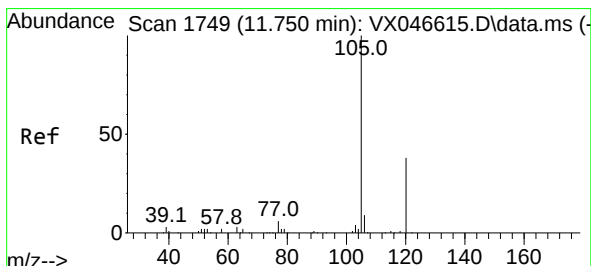
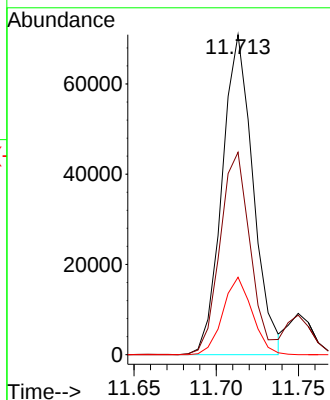
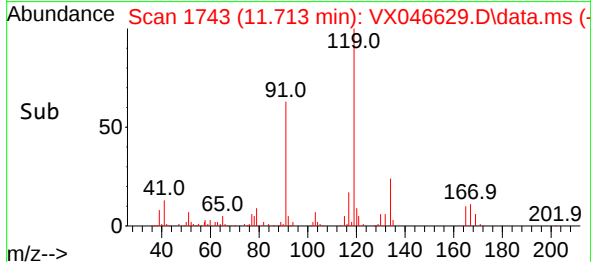
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



Tgt Ion:119 Resp: 9305
Ion Ratio Lower Upper
119 100
91 61.1 0.0 126.0
134 22.9 0.0 45.6

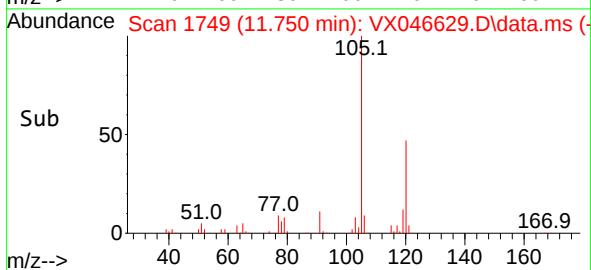
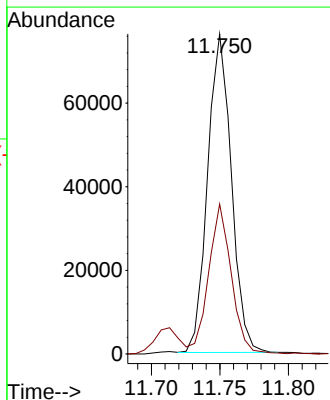
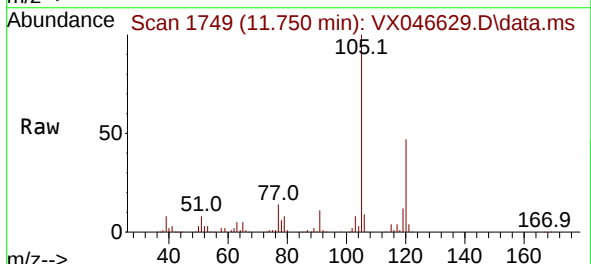
Manual Integrations
APPROVED

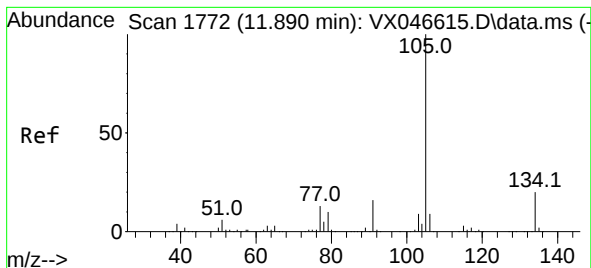
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#80
1,2,4-Trimethylbenzene
Concen: 18.878 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

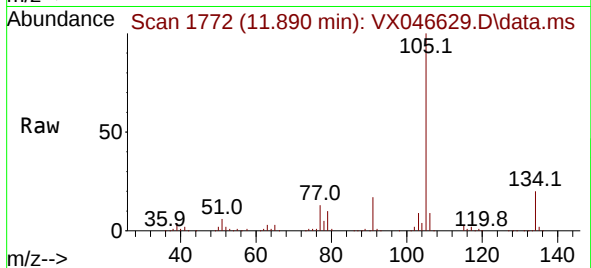
Tgt Ion:105 Resp: 91989
Ion Ratio Lower Upper
105 100
120 45.0 0.0 89.6





#81
 sec-Butylbenzene
 Concen: 19.011 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046629.D
 Acq: 11 Jun 2025 11:43

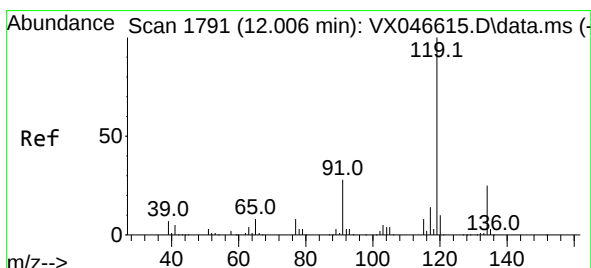
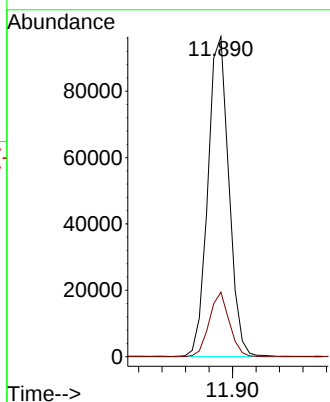
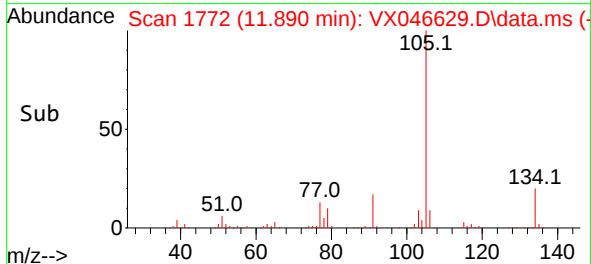
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0611WBS01



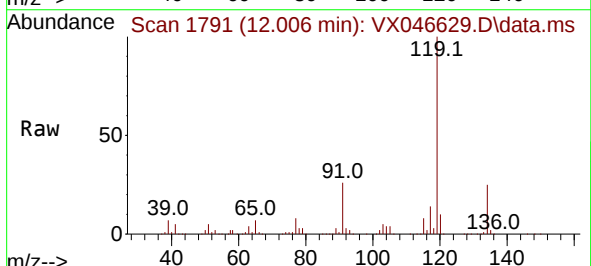
Tgt Ion:105 Resp: 119700
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.4

Manual Integrations
 APPROVED

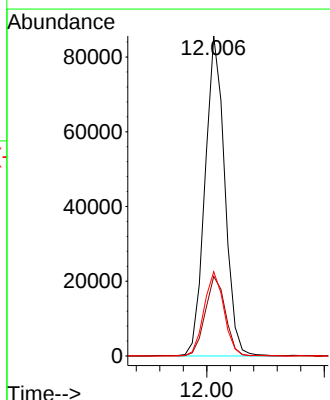
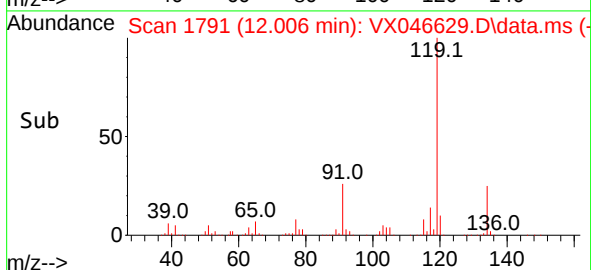
Reviewed By :John Carlone 06/12/2025
 Supervised By :Mahesh Dadoda 06/12/2025

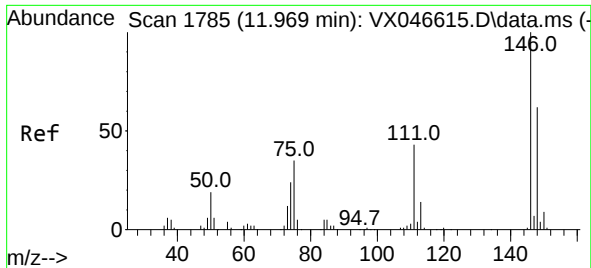


#82
 p-Isopropyltoluene
 Concen: 19.290 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046629.D
 Acq: 11 Jun 2025 11:43



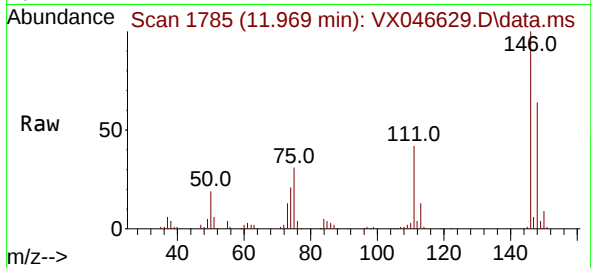
Tgt Ion:119 Resp: 99691
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 50.0
 91 26.3 0.0 54.0





#83
1,3-Dichlorobenzene
Concen: 19.076 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

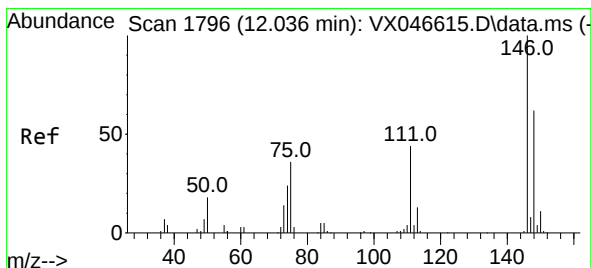
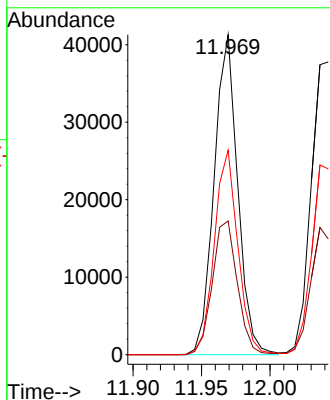
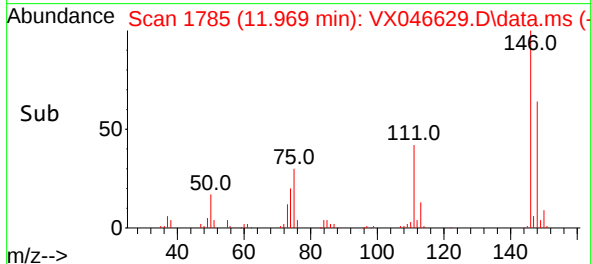
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



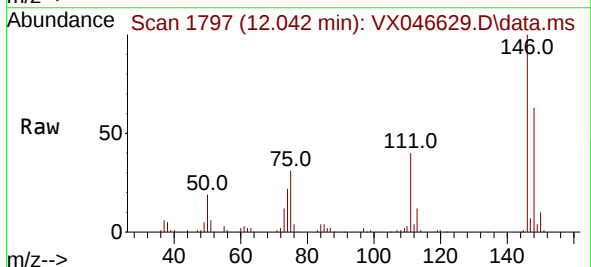
Tgt Ion:146 Resp: 49420
Ion Ratio Lower Upper
146 100
111 44.5 21.9 65.8
148 64.0 32.0 96.2

Manual Integrations
APPROVED

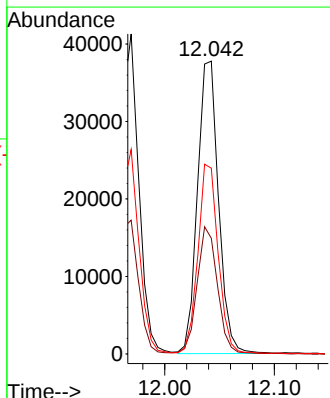
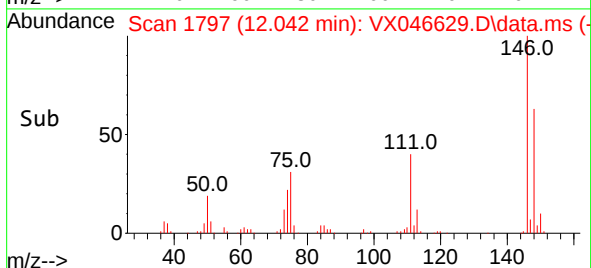
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

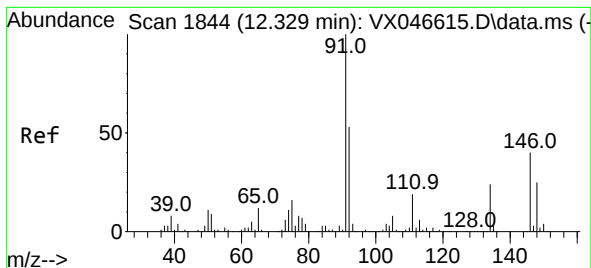


#84
1,4-Dichlorobenzene
Concen: 19.358 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43



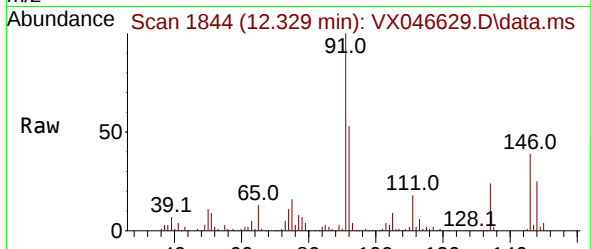
Tgt Ion:146 Resp: 50441
Ion Ratio Lower Upper
146 100
111 42.2 21.3 63.7
148 62.4 31.4 94.3





#85
n-Butylbenzene
Concen: 19.418 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

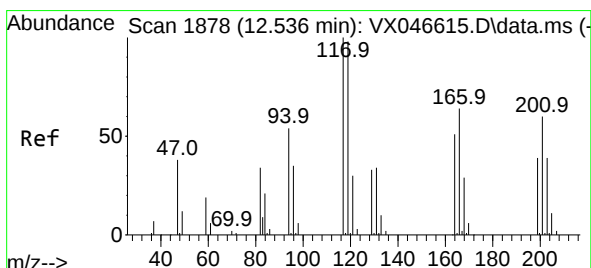
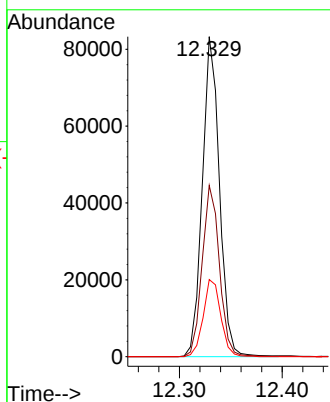
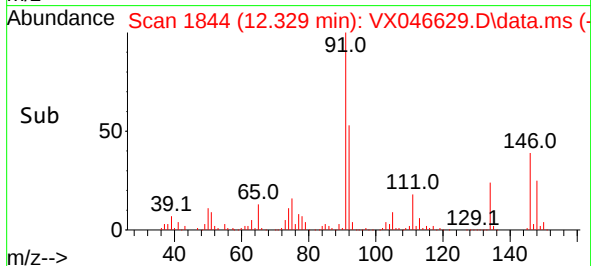
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



Tgt Ion: 91 Resp: 96674
Ion Ratio Lower Upper
91 100
92 54.0 0.0 106.4
134 24.7 0.0 48.8

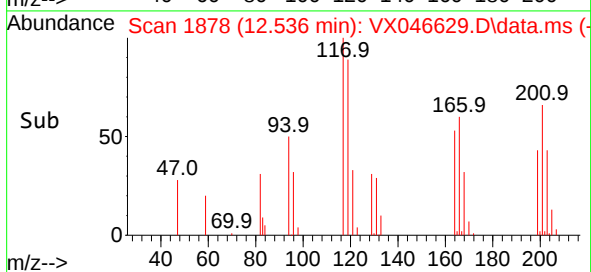
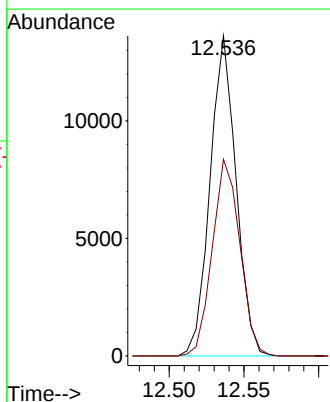
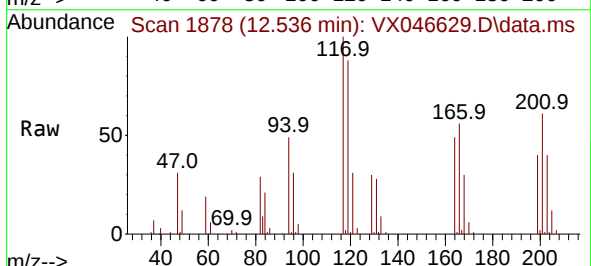
Manual Integrations
APPROVED

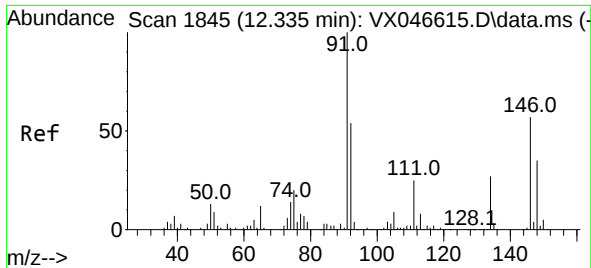
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#86
Hexachloroethane
Concen: 18.386 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

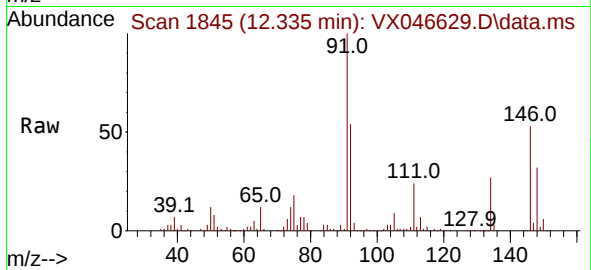
Tgt Ion:117 Resp: 16502
Ion Ratio Lower Upper
117 100
201 65.0 31.7 95.1





#87
1,2-Dichlorobenzene
Concen: 19.229 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

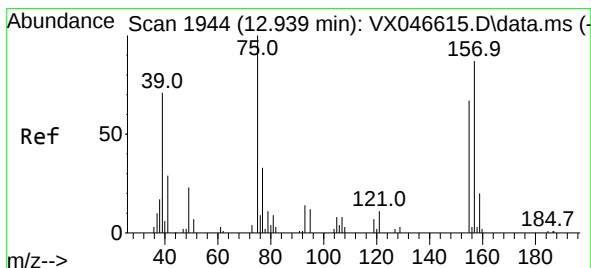
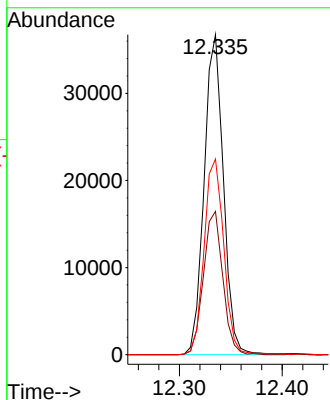
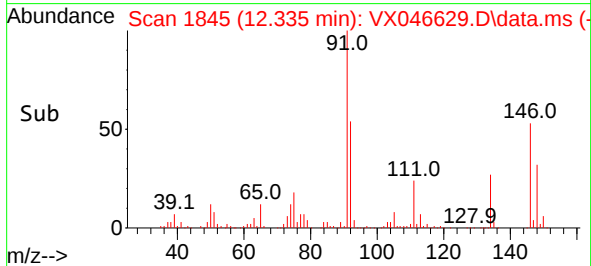
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



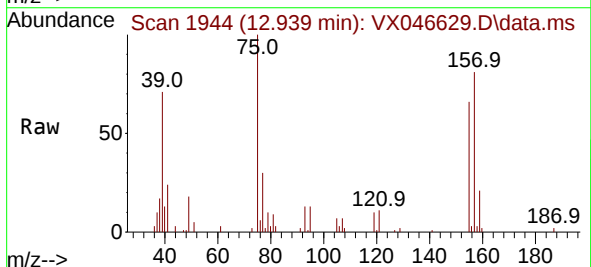
Tgt Ion:146 Resp: 47932
Ion Ratio Lower Upper
146 100
111 44.9 22.9 68.5
148 62.3 31.6 94.8

Manual Integrations
APPROVED

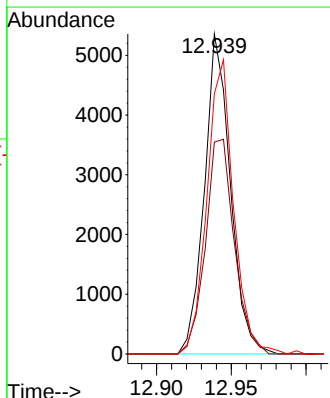
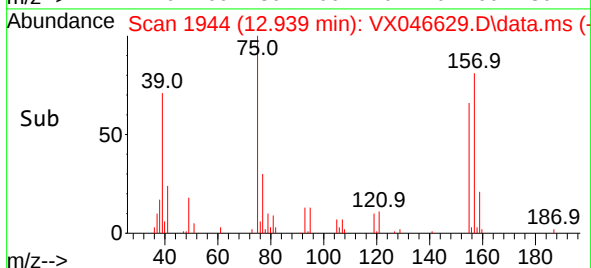
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

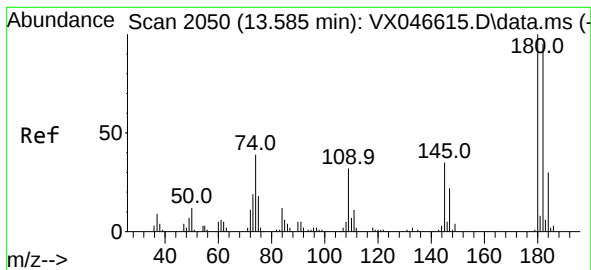


#88
1,2-Dibromo-3-Chloropropane
Concen: 17.994 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43



Tgt Ion: 75 Resp: 6475
Ion Ratio Lower Upper
75 100
155 74.6 59.4 89.2
157 94.2 75.0 112.6





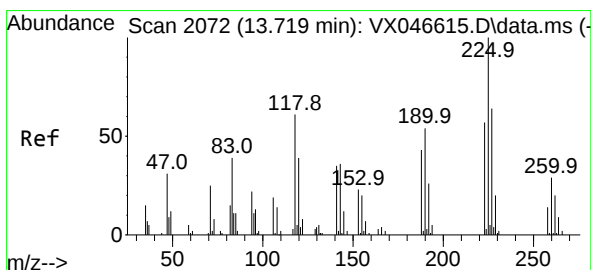
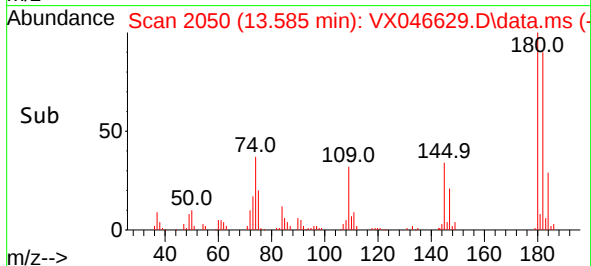
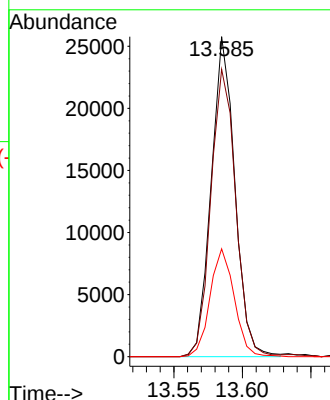
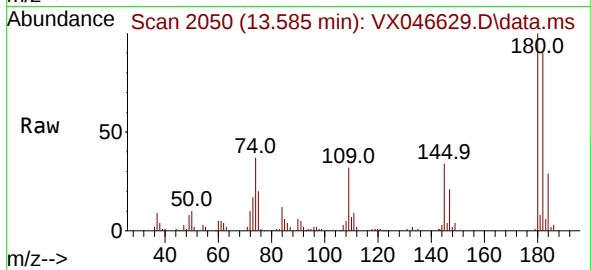
#89
1,2,4-Trichlorobenzene
Concen: 18.822 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01

Tgt Ion:180 Resp: 3093
Ion Ratio Lower Upper
180 100
182 93.7 75.0 112.6
145 34.5 27.4 41.0

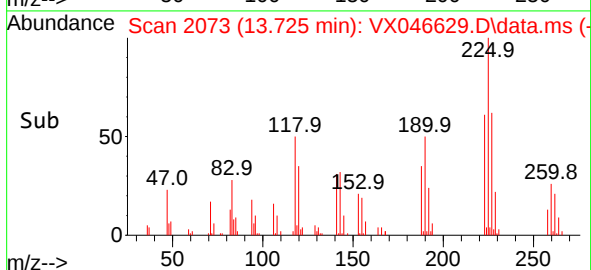
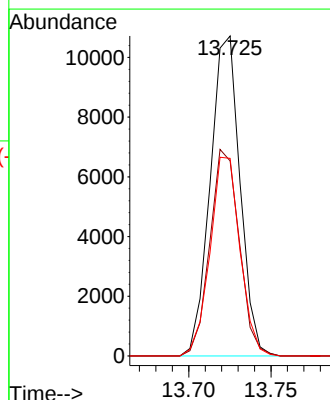
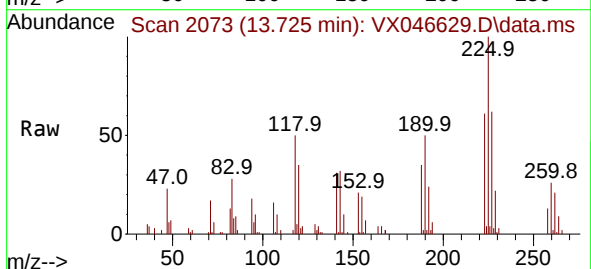
Manual Integrations
APPROVED

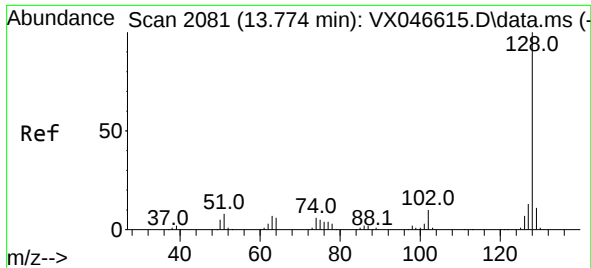
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#90
Hexachlorobutadiene
Concen: 18.656 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

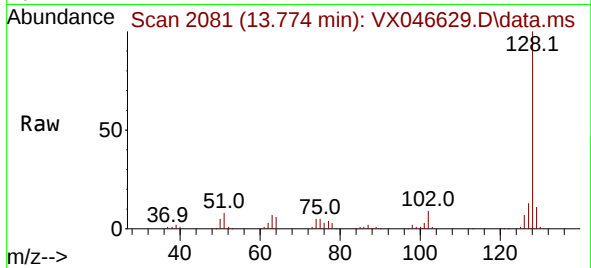
Tgt Ion:225 Resp: 13500
Ion Ratio Lower Upper
225 100
223 63.8 0.0 126.4
227 62.5 0.0 131.4





#91
Naphthalene
Concen: 17.934 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43

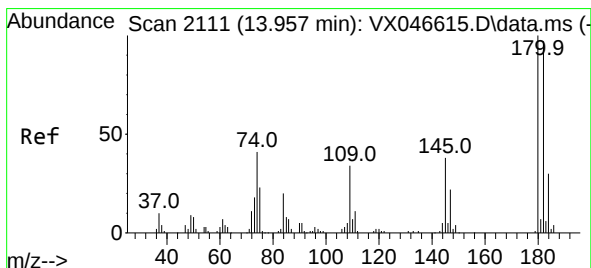
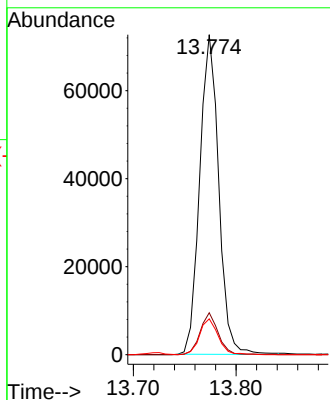
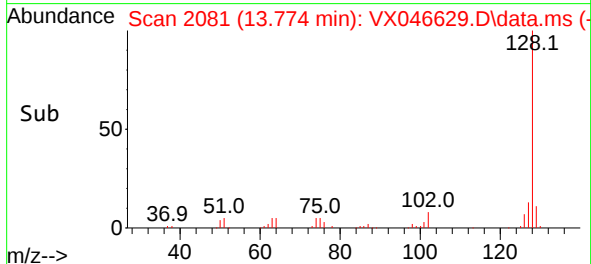
Instrument :
MSVOA_X
ClientSampleId :
VX0611WBS01



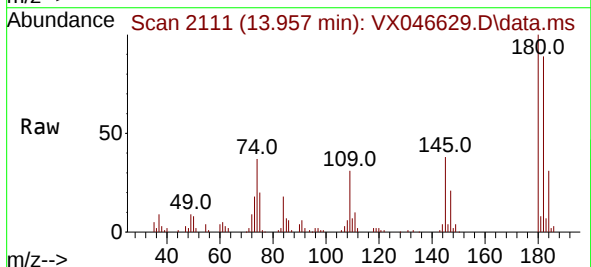
Tgt Ion:128 Resp: 93504
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#92
1,2,3-Trichlorobenzene
Concen: 19.190 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046629.D
Acq: 11 Jun 2025 11:43



Tgt Ion:180 Resp: 30955
Ion Ratio Lower Upper
180 100
182 90.2 0.0 190.2
145 36.3 0.0 71.8

