

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
 Data File : VX046686.D
 Acq On : 13 Jun 2025 14:09
 Operator : JC/MD
 Sample : VX0613WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/16/2025
 Supervised By : Mahesh Dadoda 06/16/2025

Quant Time: Jun 13 23:28:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	65989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	114290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58711	50.009	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.020%	
35) Dibromofluoromethane	5.391	113	45900	54.611	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.220%	
50) Toluene-d8	8.647	98	146479	52.862	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.720%	
62) 4-Bromofluorobenzene	11.079	95	63624	55.495	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 111.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	14998	16.371	ug/l	97
3) Chloromethane	1.307	50	12328	14.784	ug/l	99
4) Vinyl Chloride	1.386	62	12045	14.490	ug/l	95
5) Bromomethane	1.624	94	4081	8.087	ug/l	99
6) Chloroethane	1.703	64	11326	21.000	ug/l	96
7) Trichlorofluoromethane	1.904	101	21789	15.843	ug/l	96
8) Diethyl Ether	2.148	74	7306	15.035	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.343	101	14942	17.244	ug/l	92
10) Methyl Iodide	2.471	142	8867	9.440	ug/l	93
11) Tert butyl alcohol	2.959	59	12383	95.055	ug/l	97
12) 1,1-Dichloroethene	2.337	96	12744	16.267	ug/l	80
13) Acrolein	2.252	56	7145	69.912	ug/l	98
14) Allyl chloride	2.678	41	26971	17.529	ug/l	91
15) Acrylonitrile	3.075	53	50458	102.442	ug/l	99
16) Acetone	2.386	43	35270	79.692	ug/l	92
17) Carbon Disulfide	2.526	76	27969	16.948	ug/l	100
18) Methyl Acetate	2.715	43	30355	21.707	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	58562	21.362	ug/l	99
20) Methylene Chloride	2.800	84	18467	19.607	ug/l	91
21) trans-1,2-Dichloroethene	3.105	96	15167	18.293	ug/l	97
22) Diisopropyl ether	3.770	45	64593	21.293	ug/l #	66
23) Vinyl Acetate	3.733	43	243765	104.082	ug/l	99
24) 1,1-Dichloroethane	3.623	63	33486	19.806	ug/l	99
25) 2-Butanone	4.568	43	69669	106.601	ug/l	95
26) 2,2-Dichloropropane	4.489	77	24749	19.719	ug/l	98
27) cis-1,2-Dichloroethene	4.507	96	21053	20.627	ug/l	94
28) Bromochloromethane	4.910	49	26141	32.418	ug/l	97
29) Tetrahydrofuran	5.019	42	42830	103.770	ug/l	98
30) Chloroform	5.105	83	38241	21.587	ug/l	97
31) Cyclohexane	5.483	56	26054	19.089	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	30611	20.201	ug/l	99
36) 1,1-Dichloropropene	5.702	75	22232	18.518	ug/l	97
37) Ethyl Acetate	4.733	43	24967	21.307	ug/l	98
38) Carbon Tetrachloride	5.690	117	27032	20.102	ug/l	96
39) Methylcyclohexane	7.385	83	25946	18.310	ug/l	96
40) Benzene	6.050	78	69868	20.672	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	15935	21.899	ug/l	94
42) 1,2-Dichloroethane	6.098	62	29914	21.275	ug/l	97
43) Isopropyl Acetate	6.342	43	42947	21.024	ug/l	98
44) Trichloroethene	7.129	130	17048	19.852	ug/l	94
45) 1,2-Dichloropropane	7.434	63	19432	22.275	ug/l	94
46) Dibromomethane	7.586	93	14163	21.580	ug/l	96
47) Bromodichloromethane	7.824	83	30551	22.640	ug/l	99
48) Methyl methacrylate	7.696	41	23229	22.101	ug/l	94
49) 1,4-Dioxane	7.665	88	6567	467.234	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	147585	113.694	ug/l	99
52) Toluene	8.720	92	44867	21.608	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	26316	21.750	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	29135	21.658	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	19462	23.348	ug/l	98
56) Ethyl methacrylate	9.116	69	29084	22.673	ug/l	94
57) 1,3-Dichloropropane	9.311	76	33088	22.462	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	85564	122.461	ug/l	99
59) 2-Hexanone	9.427	43	104729	112.494	ug/l	99
60) Dibromochloromethane	9.519	129	22952	23.408	ug/l	99
61) 1,2-Dibromoethane	9.610	107	19312	22.233	ug/l	97
64) Tetrachloroethene	9.275	164	13932	20.057	ug/l	93
65) Chlorobenzene	10.079	112	52137	21.341	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.159	131	19052	23.078	ug/l	100
67) Ethyl Benzene	10.195	91	88871	20.838	ug/l	97
68) m/p-Xylenes	10.299	106	65093	42.074	ug/l	99
69) o-Xylene	10.640	106	32908	21.991	ug/l	96
70) Styrene	10.652	104	57641	22.502	ug/l	98
71) Bromoform	10.799	173	14760	23.449	ug/l #	100
73) Isopropylbenzene	10.963	105	88486	20.372	ug/l	100
74) N-amyl acetate	10.841	43	39264	20.528	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	30567	21.986	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	25197m	21.530	ug/l	
77) Bromobenzene	11.195	156	21627	21.452	ug/l	94
78) n-propylbenzene	11.305	91	103680	19.722	ug/l	98
79) 2-Chlorotoluene	11.360	91	64113	20.224	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	74487	20.580	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7617	18.774	ug/l	94
82) 4-Chlorotoluene	11.451	91	76170	20.271	ug/l	98
83) tert-Butylbenzene	11.713	119	75813	20.576	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	75759	20.691	ug/l	100
85) sec-Butylbenzene	11.890	105	96825	20.452	ug/l	99
86) p-Isopropyltoluene	12.006	119	80510	20.399	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	41137	21.013	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	42288	20.846	ug/l	100
89) n-Butylbenzene	12.329	91	76714	19.793	ug/l	99
90) Hexachloroethane	12.536	117	13866	19.767	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	40842	21.613	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6484	20.827	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	26556	20.601	ug/l	97
94) Hexachlorobutadiene	13.725	225	10781	17.996	ug/l	94
95) Naphthalene	13.774	128	87088	21.304	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	26847	20.770	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

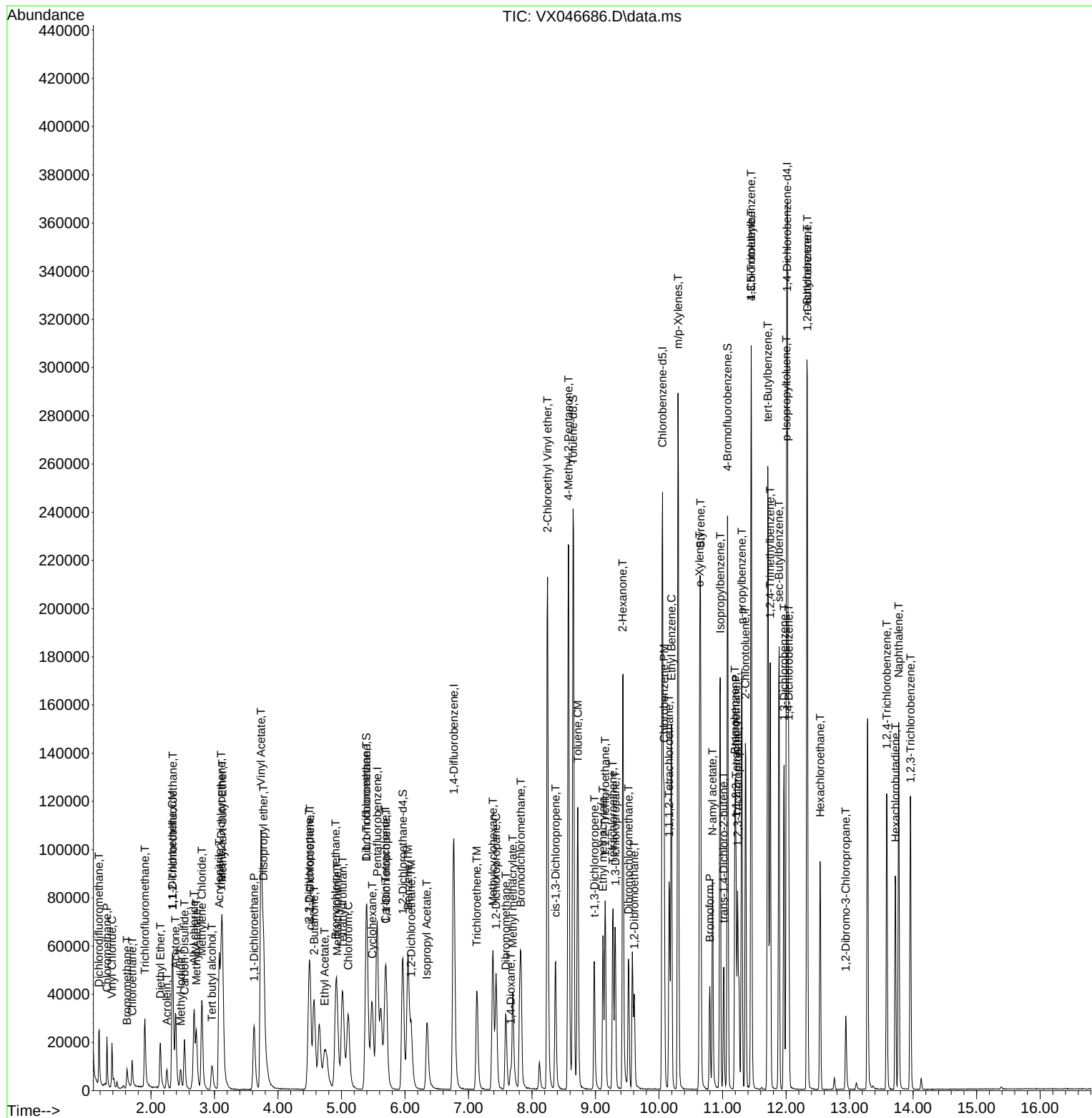
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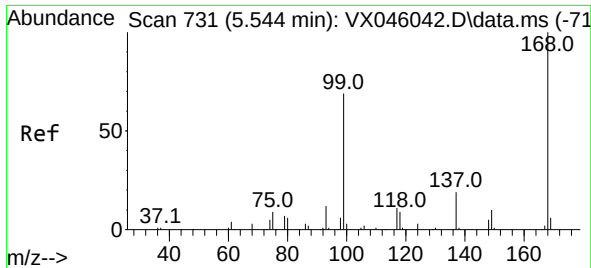
Instrument :
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Manual Integrations APPROVED

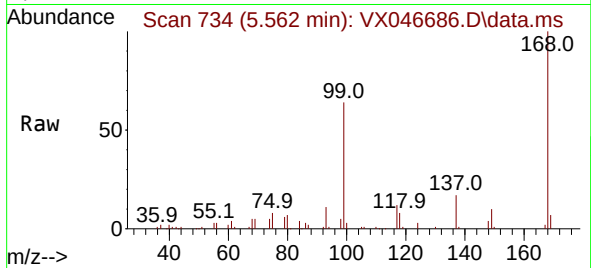
Reviewed By : John Carlone 06/16/2025
 Supervised By : Mahesh Dadoda 06/16/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

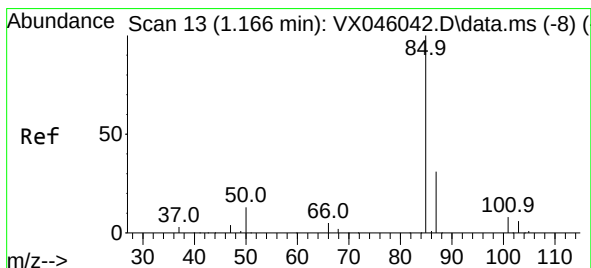
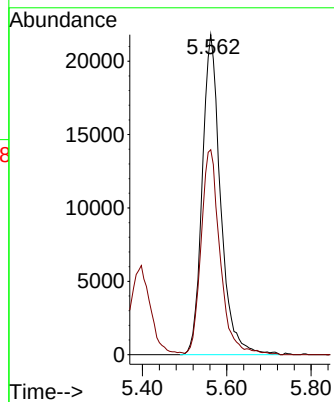
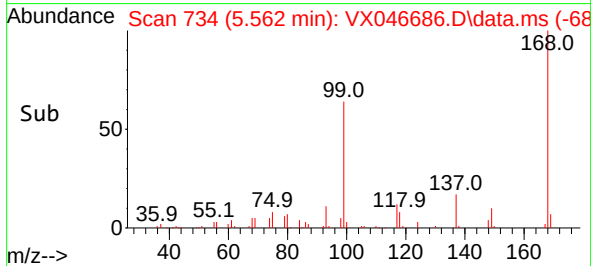
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



Tgt Ion:168 Resp: 65989
Ion Ratio Lower Upper
168 100
99 64.0 54.9 82.3

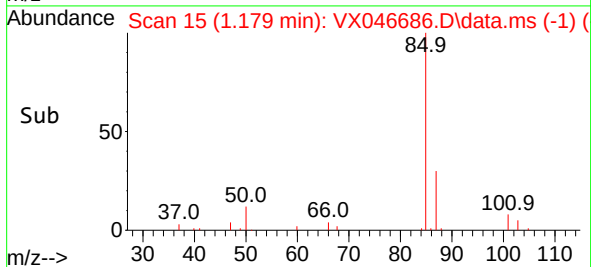
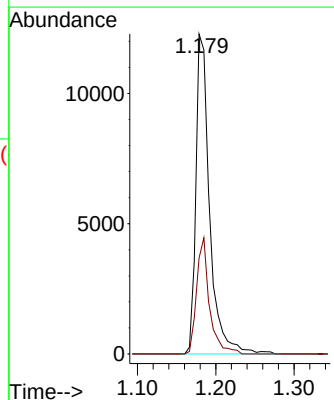
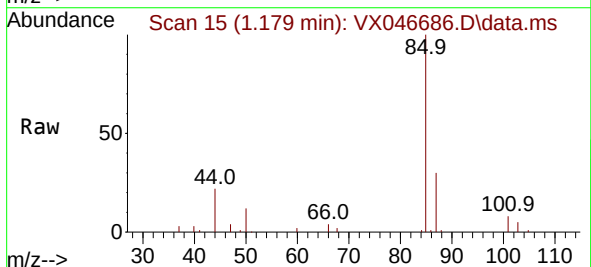
Manual Integrations
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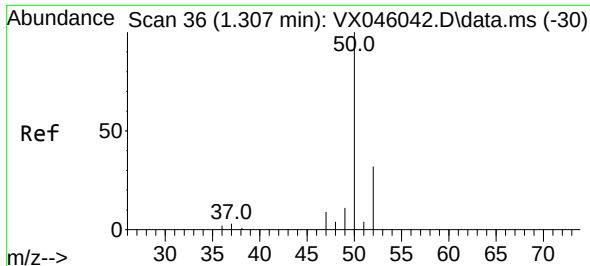
Reviewed By :John Carlone 06/16/2025
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#2
Dichlorodifluoromethane
Concen: 16.371 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

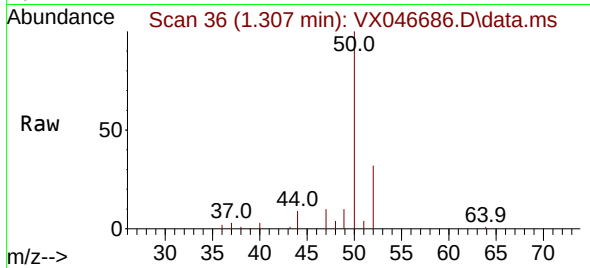
Tgt Ion: 85 Resp: 14998
Ion Ratio Lower Upper
85 100
87 30.0 15.7 47.1





#3
Chloromethane
Concen: 14.784 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

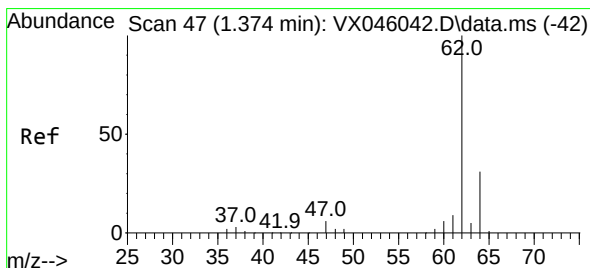
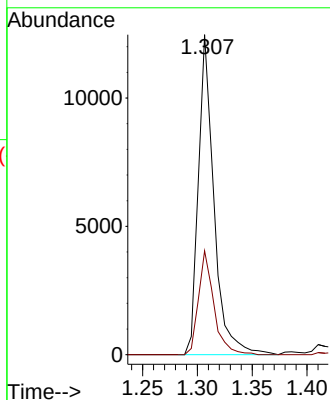
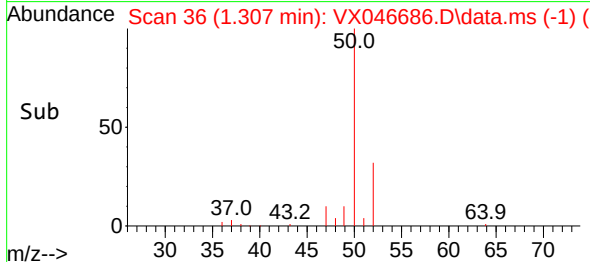
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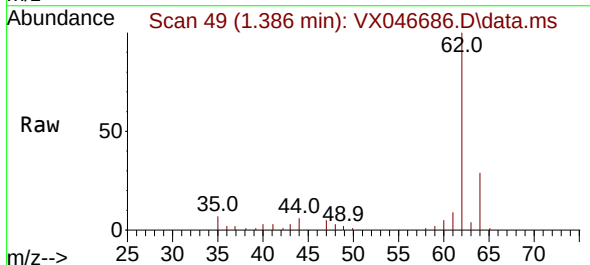
Tgt Ion: 50 Resp: 12328
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2

Manual Integrations
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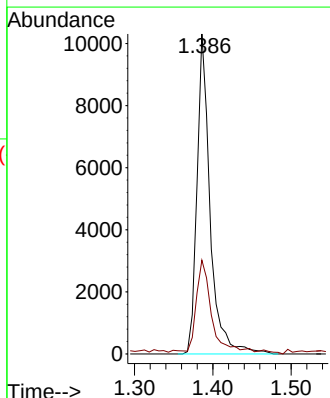
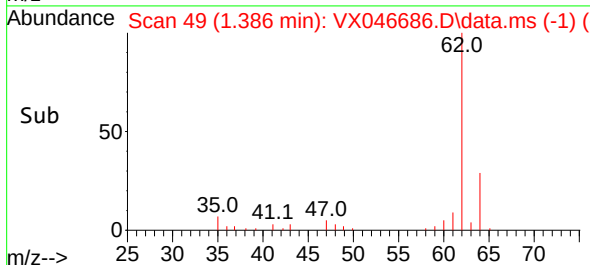
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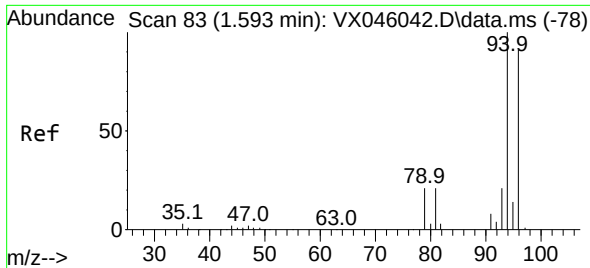


#4
Vinyl Chloride
Concen: 14.490 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09



Tgt Ion: 62 Resp: 12045
Ion Ratio Lower Upper
62 100
64 28.8 25.2 37.8





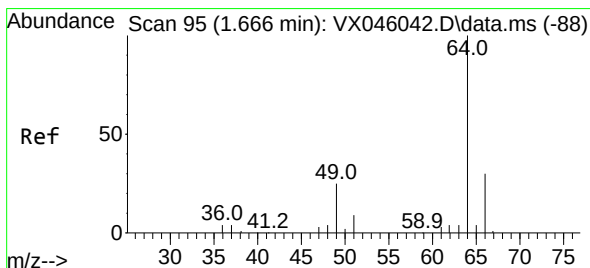
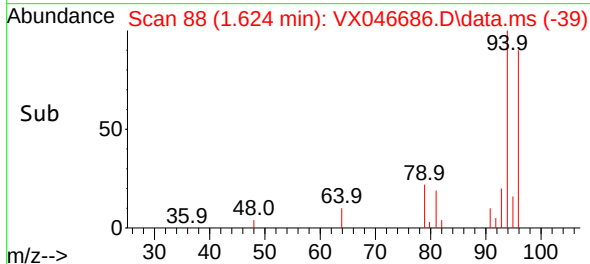
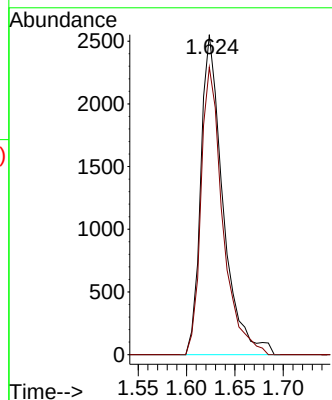
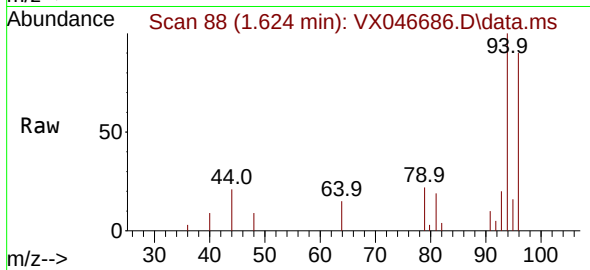
#5
Bromomethane
Concen: 8.087 ug/l
RT: 1.624 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046686.D
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Instrument :
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Tgt Ion: 94 Resp: 408
Ion Ratio Lower Upper
94 100
96 89.9 72.8 109.2

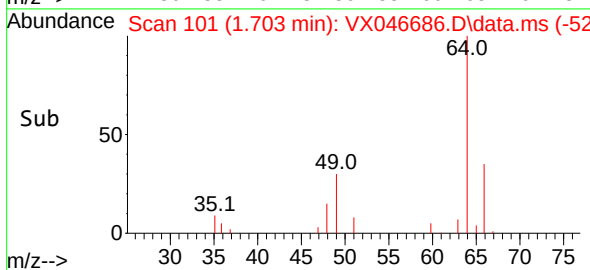
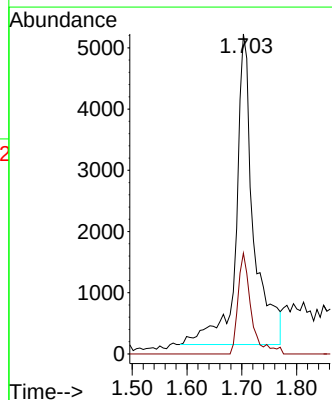
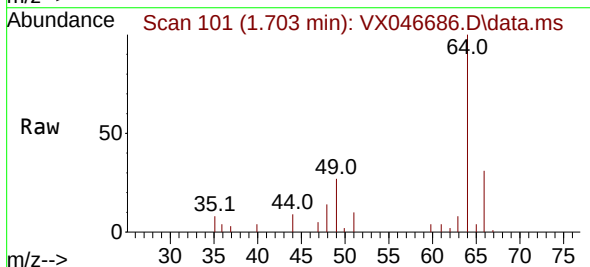
Manual Integrations
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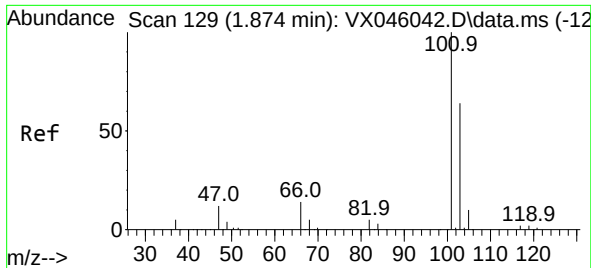
Reviewed By :John Carlone 06/16/2025
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#6
Chloroethane
Concen: 21.000 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

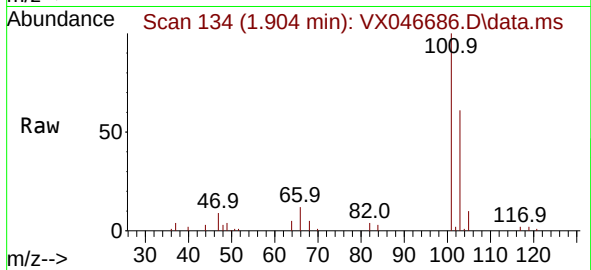
Tgt Ion: 64 Resp: 11326
Ion Ratio Lower Upper
64 100
66 32.4 24.3 36.5





#7
Trichlorofluoromethane
Concen: 15.843 ug/l
RT: 1.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046686.D
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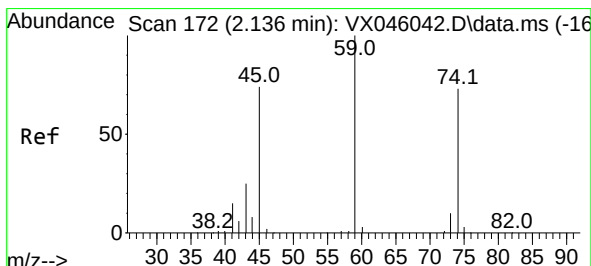
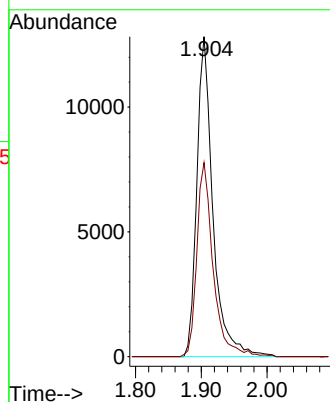
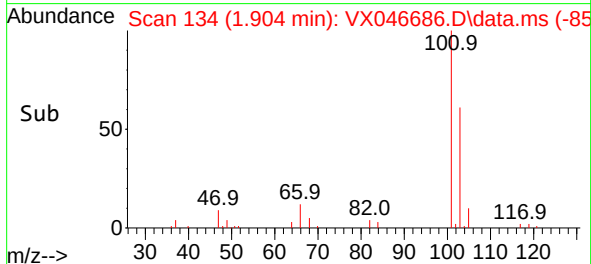
Instrument :
MSVOA_X
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Tgt Ion:101 Resp: 21789
Ion Ratio Lower Upper
101 100
103 60.7 51.0 76.4

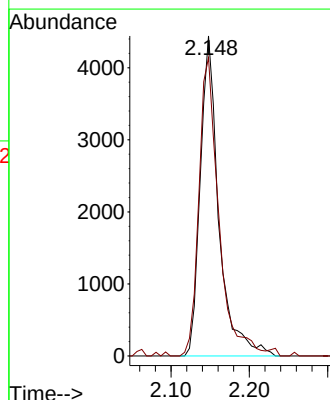
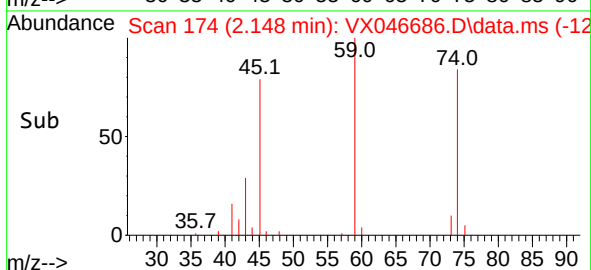
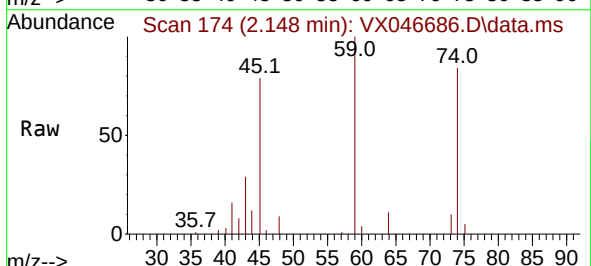
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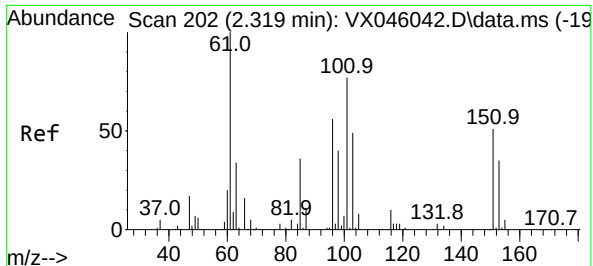
Reviewed By :John Carlone 06/16/2025
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#8
Diethyl Ether
Concen: 15.035 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046686.D
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Tgt Ion: 74 Resp: 7306
Ion Ratio Lower Upper
74 100
45 100.1 54.9 164.8





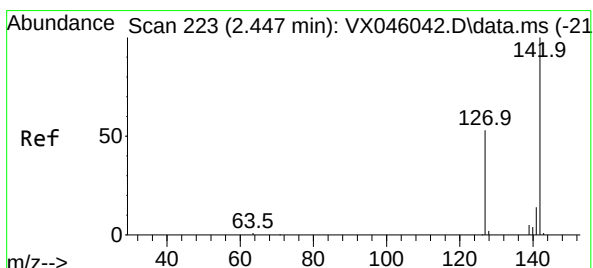
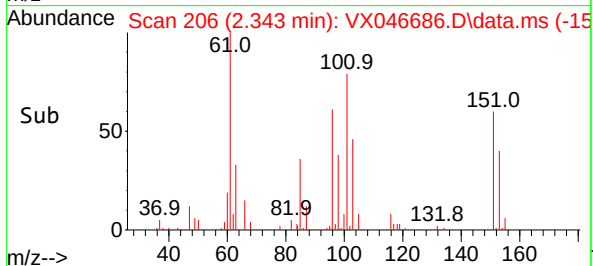
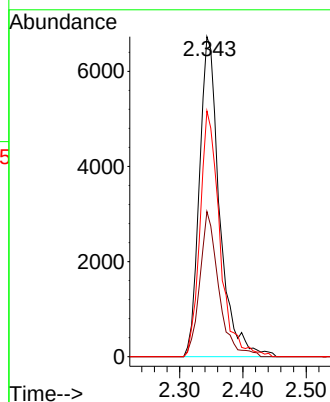
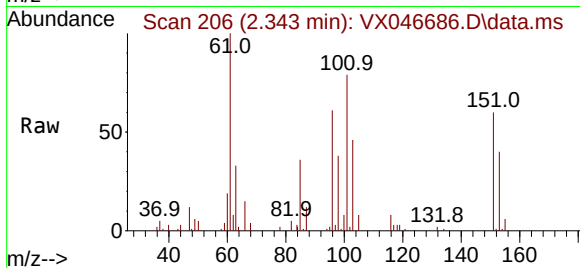
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.244 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Tgt Ion:101 Resp: 1494
Ion Ratio Lower Upper
101 100
85 42.4 38.6 58.0
151 75.3 55.2 82.8

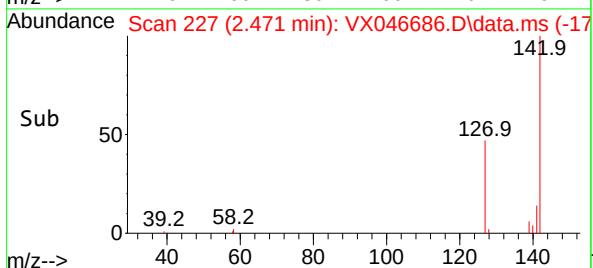
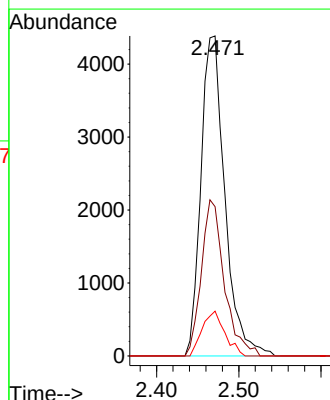
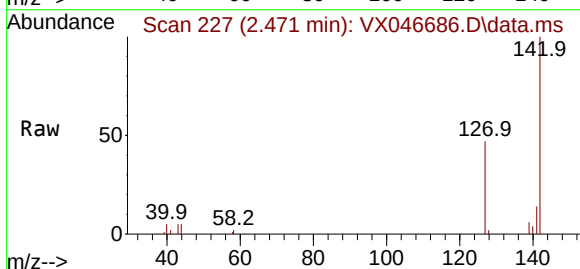
Manual Integrations
APPROVED

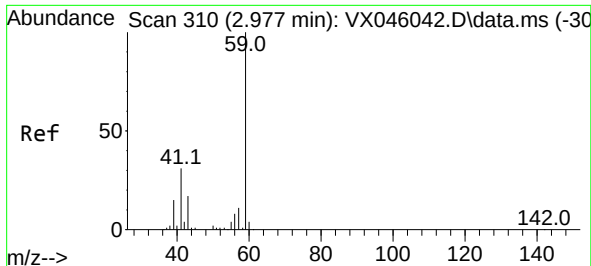
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#10
Methyl Iodide
Concen: 9.440 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

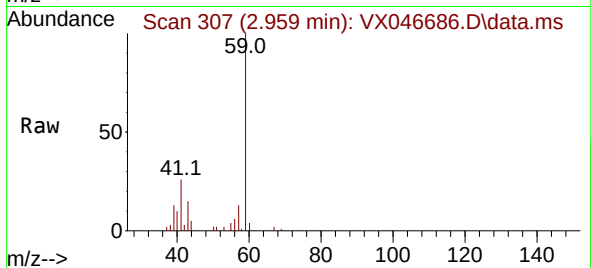
Tgt Ion:142 Resp: 8867
Ion Ratio Lower Upper
142 100
127 46.8 41.7 62.5
141 13.2 11.5 17.3





#11
Tert butyl alcohol
Concen: 95.055 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

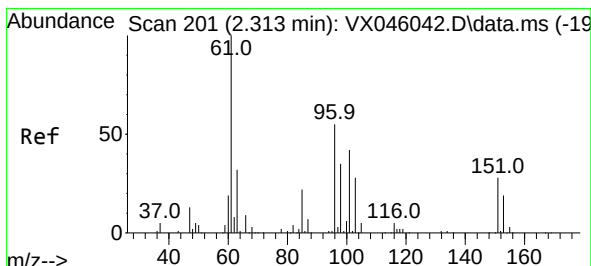
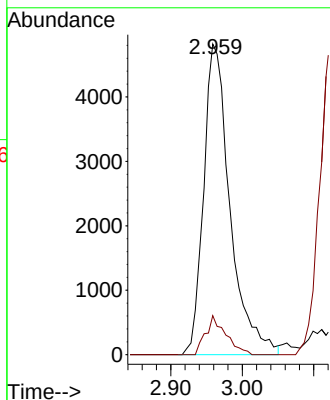
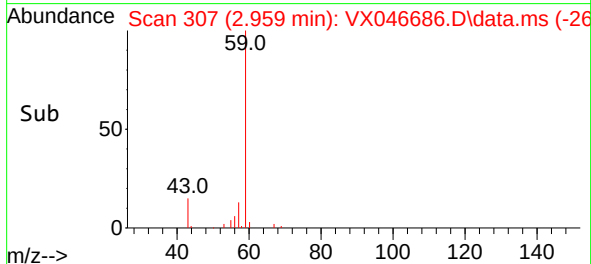
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



Tgt Ion: 59 Resp: 1238
Ion Ratio Lower Upper
59 100
57 9.6 8.6 12.8

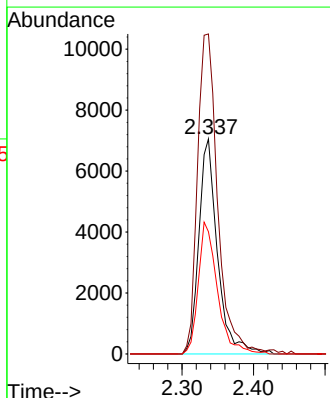
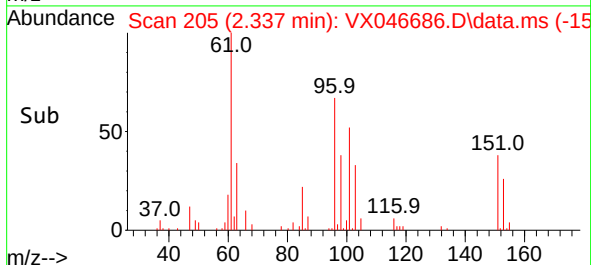
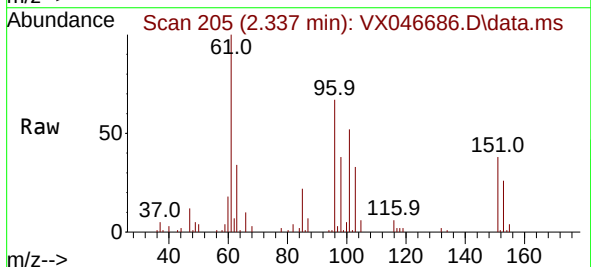
Manual Integrations
APPROVED

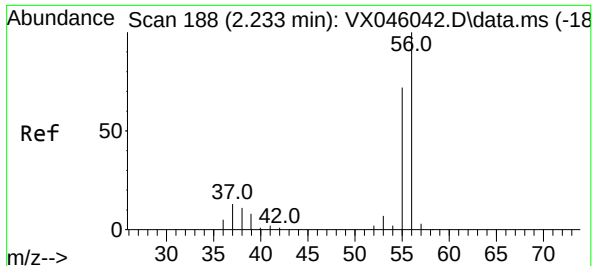
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#12
1,1-Dichloroethene
Concen: 16.267 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 96 Resp: 12744
Ion Ratio Lower Upper
96 100
61 148.8 146.2 219.2
98 56.9 51.0 76.6





#13

Acrolein

Concen: 69.912 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.001 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

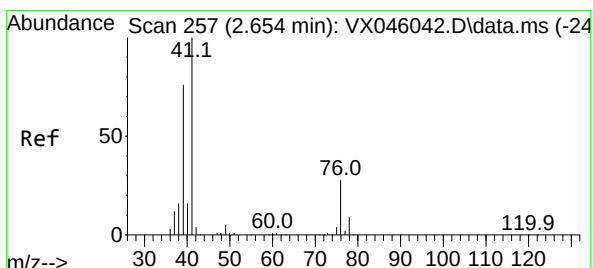
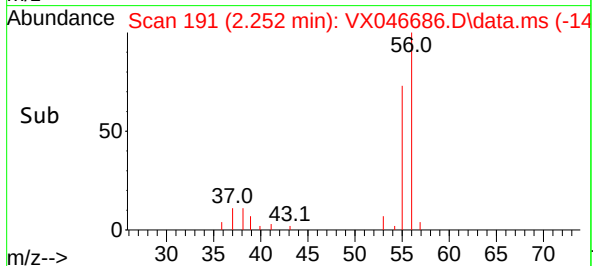
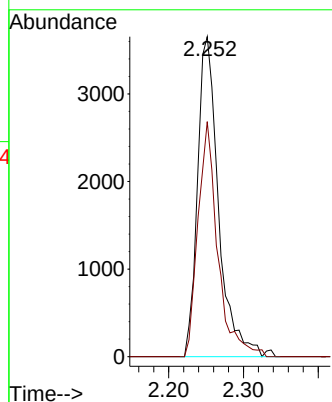
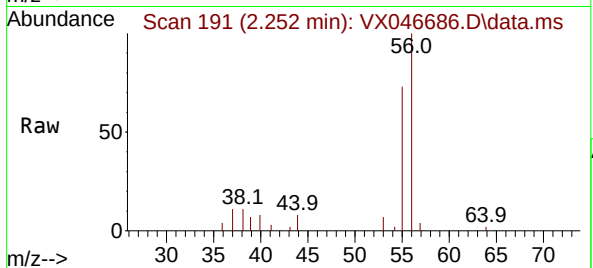
Tgt Ion: 56 Resp: 7145
 Ion Ratio Lower Upper
 56 100
 55 68.9 56.2 84.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#14

Allyl chloride

Concen: 17.529 ug/l

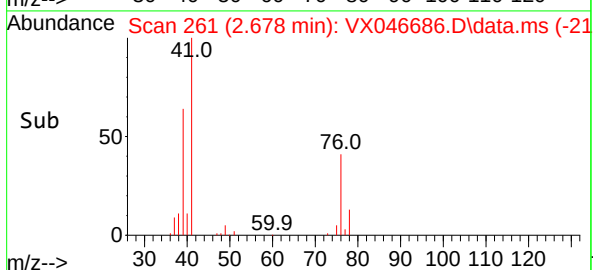
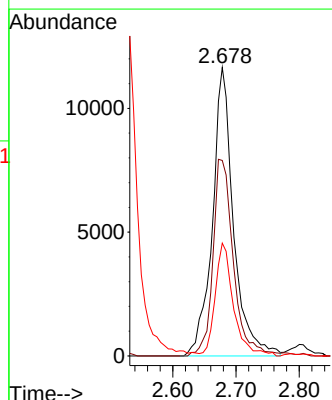
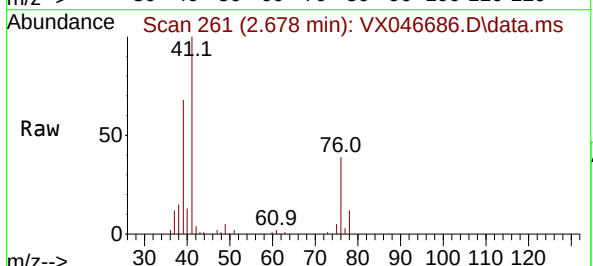
RT: 2.678 min Scan# 261

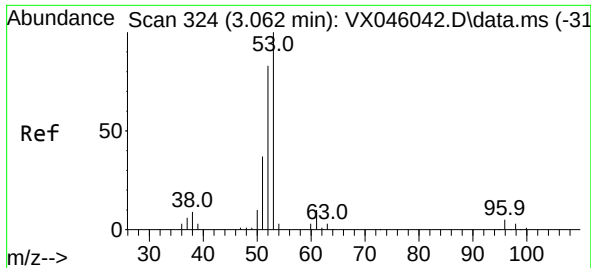
Delta R.T. -0.006 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

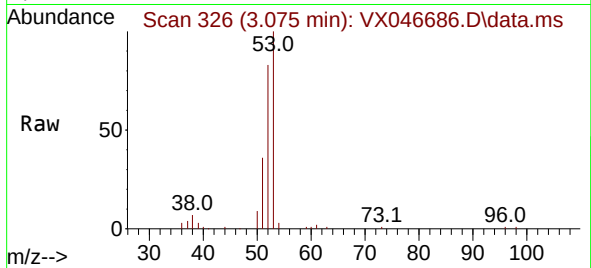
Tgt Ion: 41 Resp: 26971
 Ion Ratio Lower Upper
 41 100
 39 66.5 60.6 90.8
 76 33.8 24.9 37.3





#15
Acrylonitrile
Concen: 102.442 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

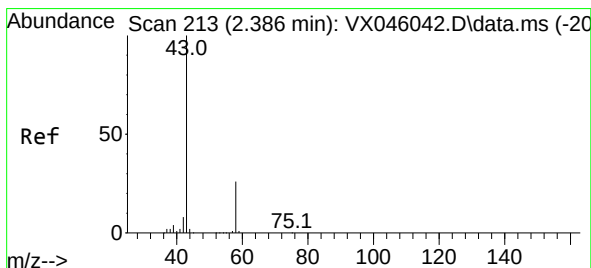
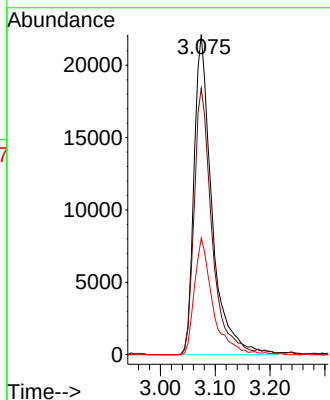
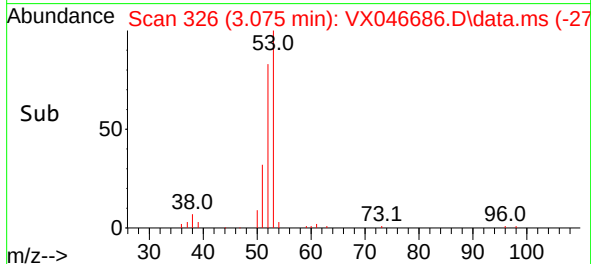
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



Tgt Ion: 53 Resp: 50458
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 37.5 29.8 44.8

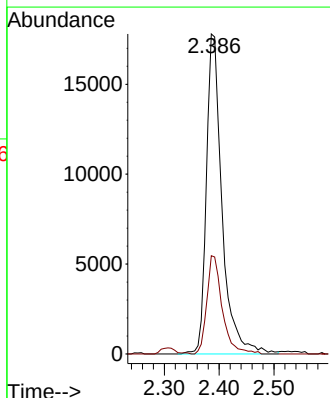
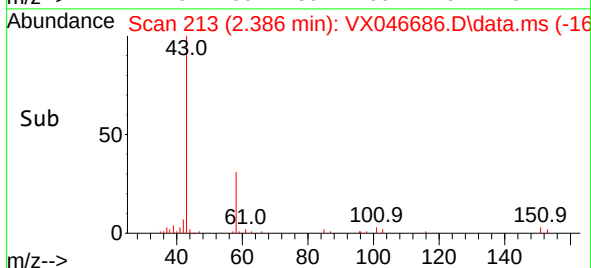
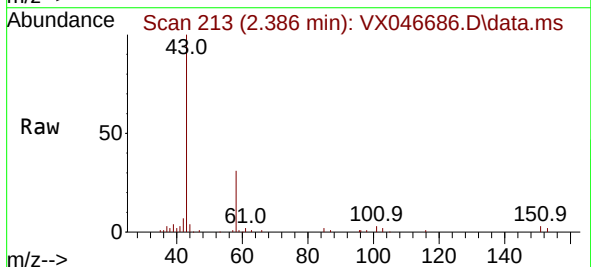
Manual Integrations
APPROVED

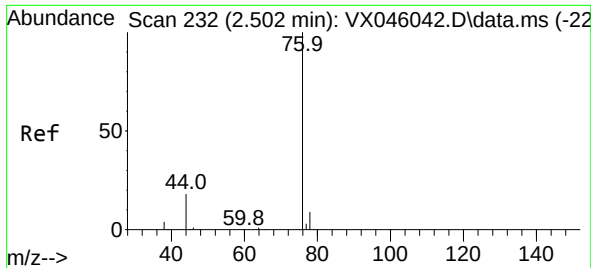
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#16
Acetone
Concen: 79.692 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 43 Resp: 35270
Ion Ratio Lower Upper
43 100
58 30.7 21.2 31.8





#17

Carbon Disulfide

Concen: 16.948 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

Tgt Ion: 76 Resp: 27969

Ion Ratio Lower Upper

76 100

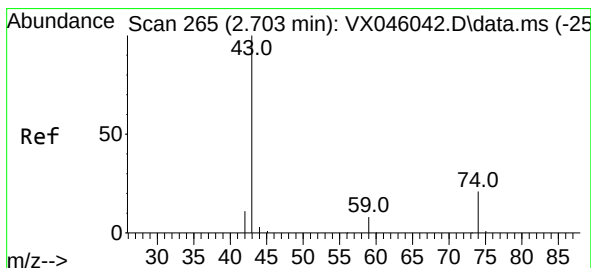
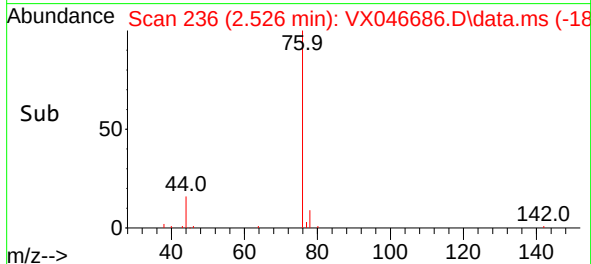
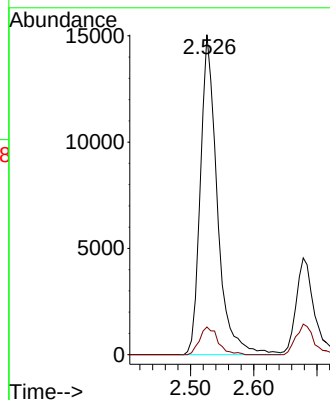
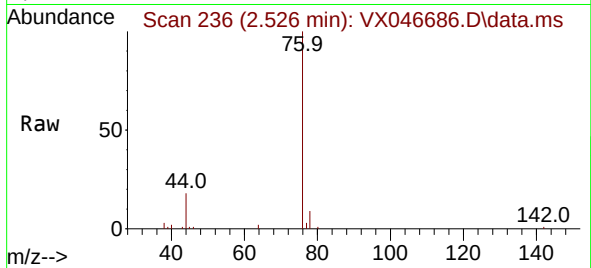
78 8.7 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#18

Methyl Acetate

Concen: 21.707 ug/l

RT: 2.715 min Scan# 267

Delta R.T. -0.006 min

Lab File: VX046686.D

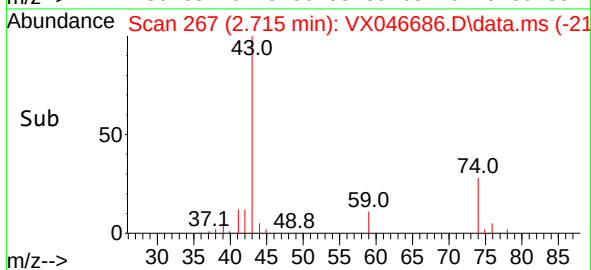
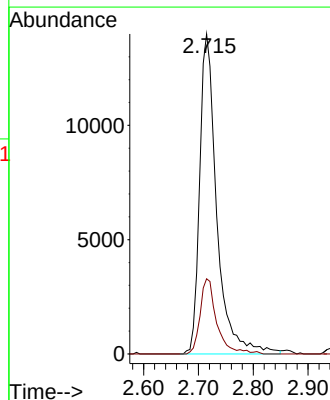
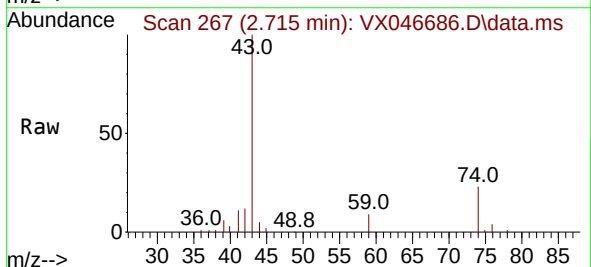
Acq: 13 Jun 2025 14:09

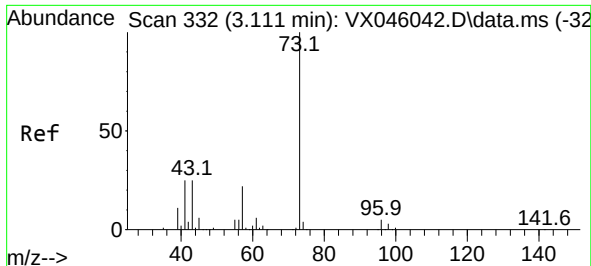
Tgt Ion: 43 Resp: 30355

Ion Ratio Lower Upper

43 100

74 22.9 16.7 25.1





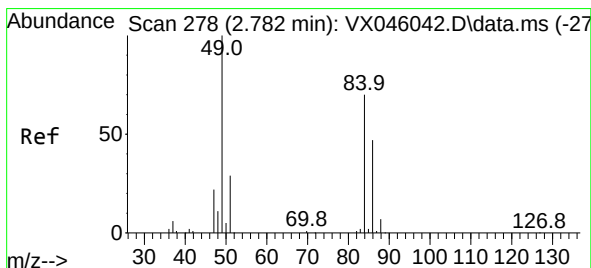
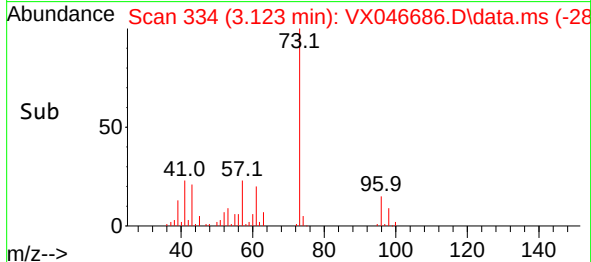
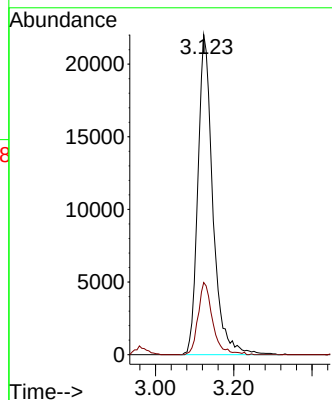
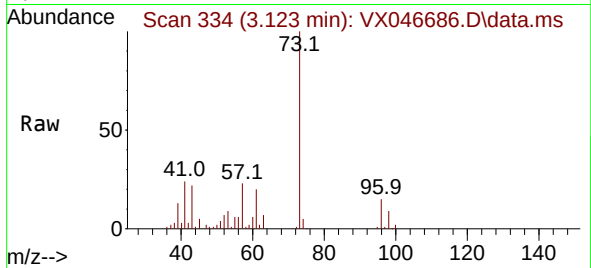
#19
Methyl tert-butyl Ether
Concen: 21.362 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Tgt Ion: 73 Resp: 5856
Ion Ratio Lower Upper
73 100
57 22.5 17.7 26.5

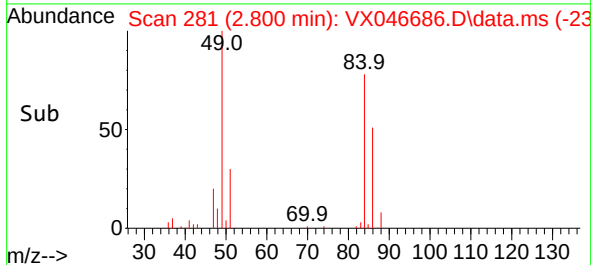
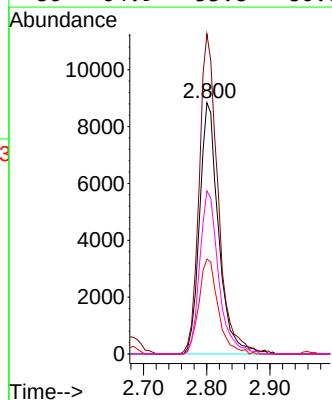
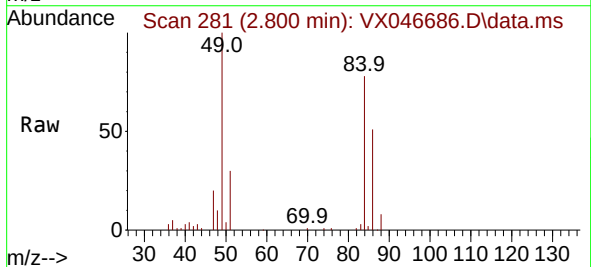
Manual Integrations
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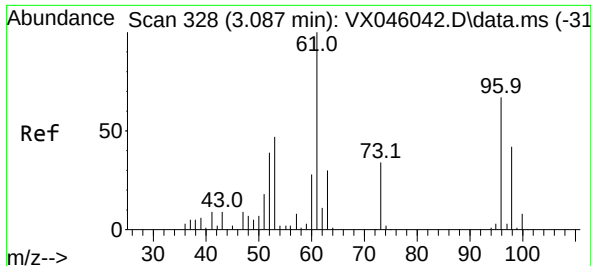
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#20
Methylene Chloride
Concen: 19.607 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

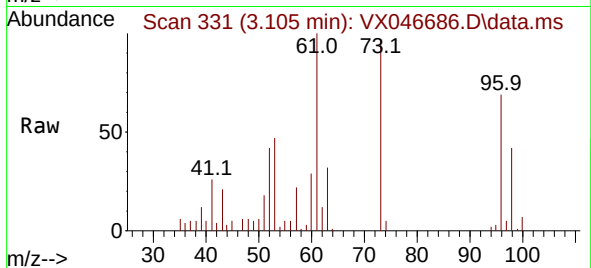
Tgt Ion: 84 Resp: 18467
Ion Ratio Lower Upper
84 100
49 127.4 113.9 170.9
51 37.8 33.5 50.3
86 64.9 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 18.293 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

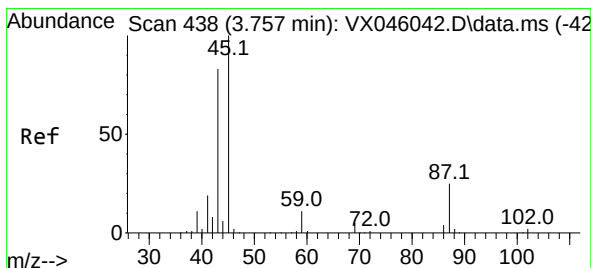
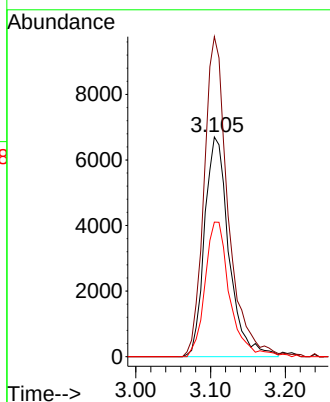
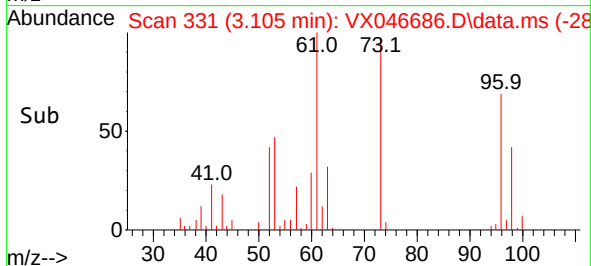
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



Tgt Ion: 96 Resp: 1516
Ion Ratio Lower Upper
96 100
61 145.6 119.5 179.3
98 61.3 50.0 75.0

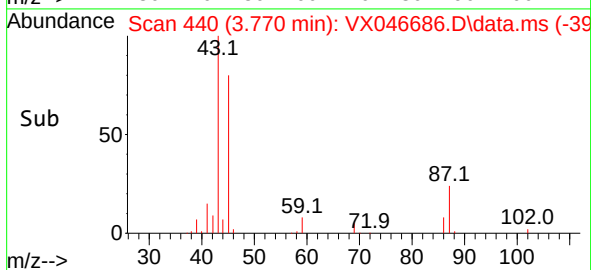
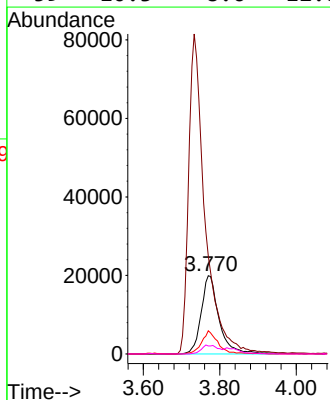
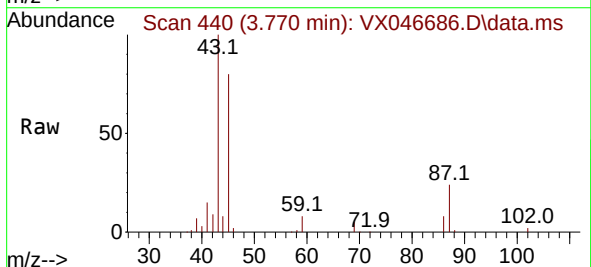
Manual Integrations
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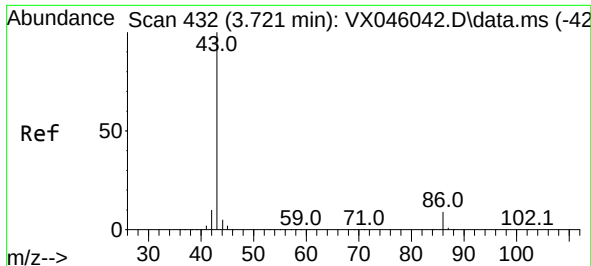
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#22
Diisopropyl ether
Concen: 21.293 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.012 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 45 Resp: 64593
Ion Ratio Lower Upper
45 100
43 124.7 66.6 100.0#
87 29.6 19.8 29.6
59 10.3 8.6 12.8





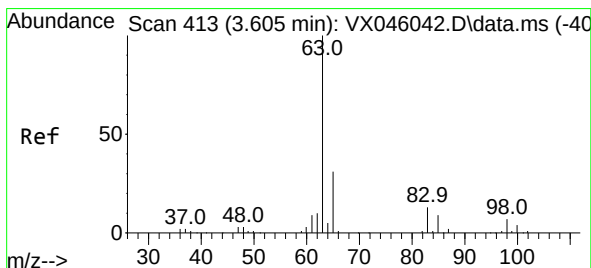
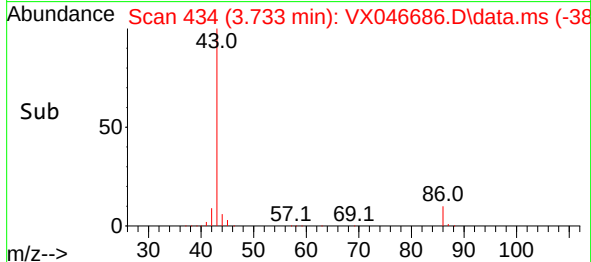
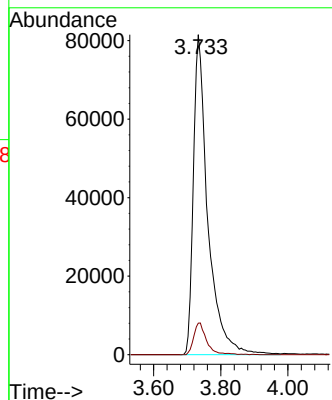
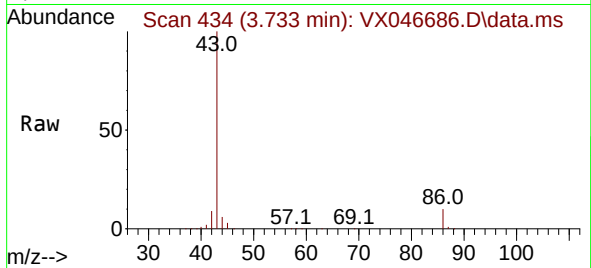
#23
 Vinyl Acetate
 Concen: 104.082 ug/l
 RT: 3.733 min Scan# 416
 Delta R.T. -0.006 min
 Lab File: VX046686.D
 Acq: 13 Jun 2025 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD02

Tgt Ion: 43 Resp: 24376
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.5 11.3

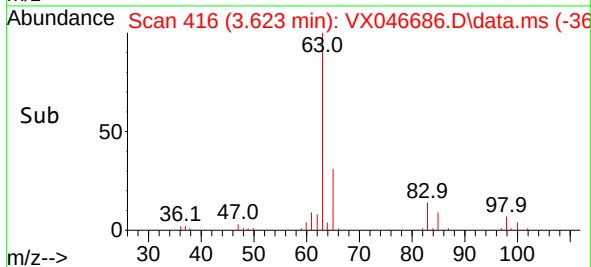
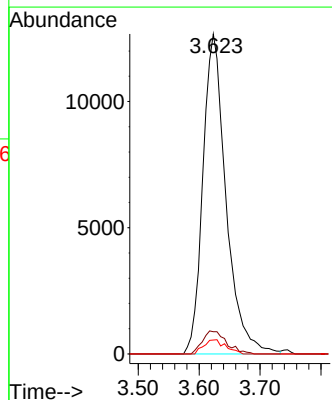
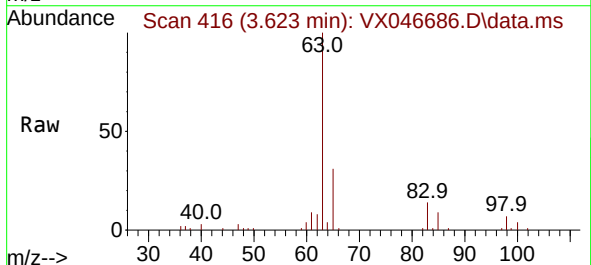
Manual Integrations
 APPROVED

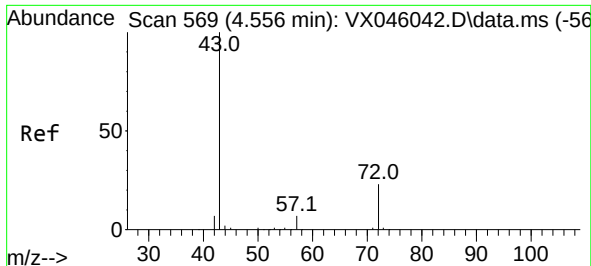
Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025



#24
 1,1-Dichloroethane
 Concen: 19.806 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.006 min
 Lab File: VX046686.D
 Acq: 13 Jun 2025 14:09

Tgt Ion: 63 Resp: 33486
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 4.4 2.1 6.3





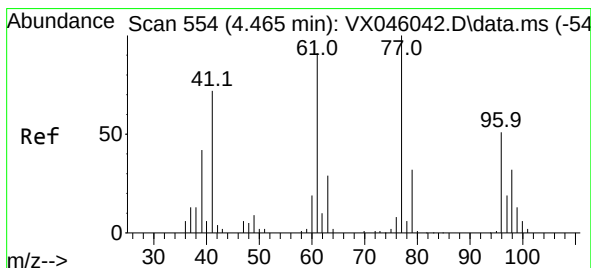
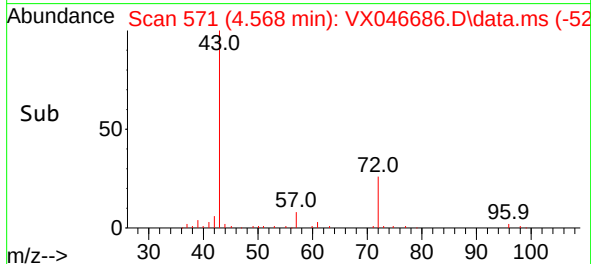
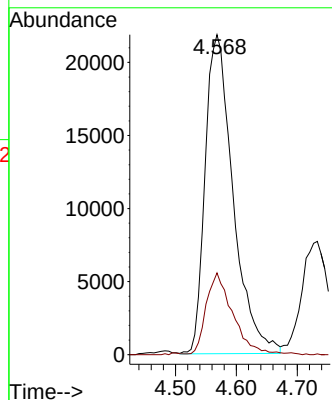
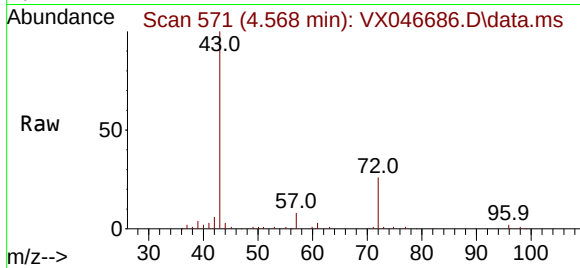
#25
2-Butanone
Concen: 106.601 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Tgt Ion: 43 Resp: 69669
Ion Ratio Lower Upper
43 100
72 25.4 18.4 27.6

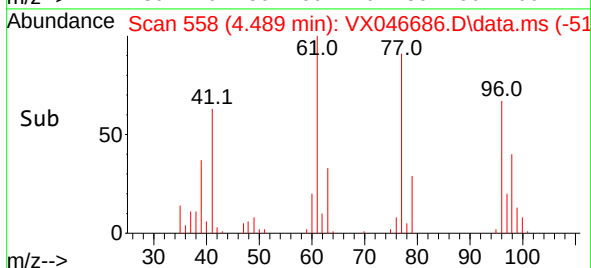
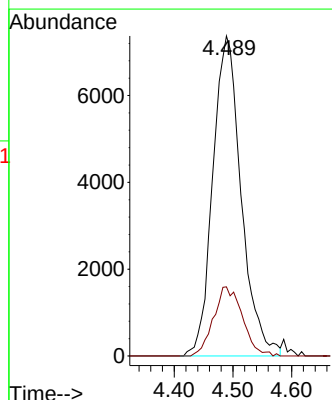
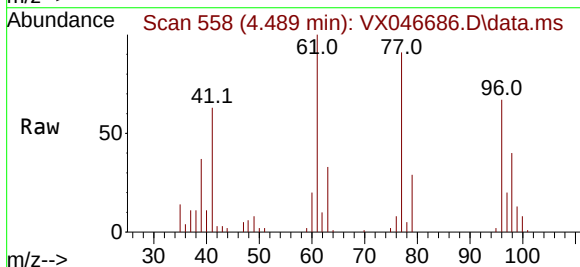
Manual Integrations
APPROVED

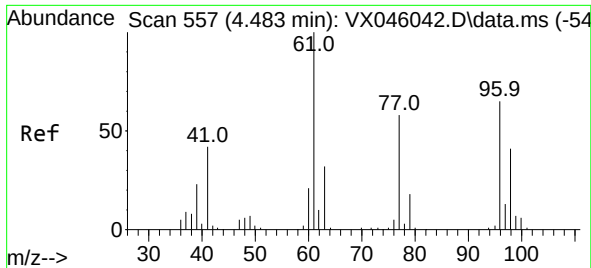
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#26
2,2-Dichloropropane
Concen: 19.719 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 77 Resp: 24749
Ion Ratio Lower Upper
77 100
97 22.0 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 20.627 ug/l

RT: 4.507 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

Tgt Ion: 96 Resp: 2105

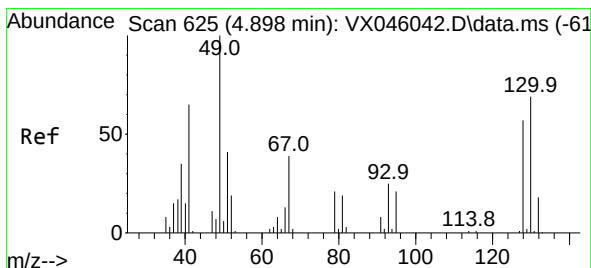
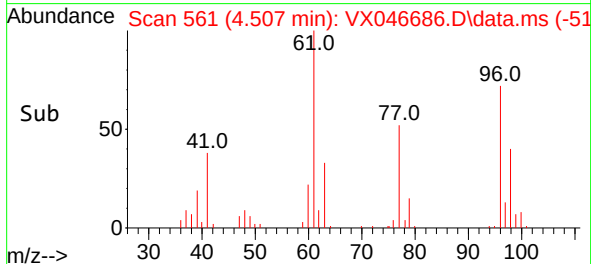
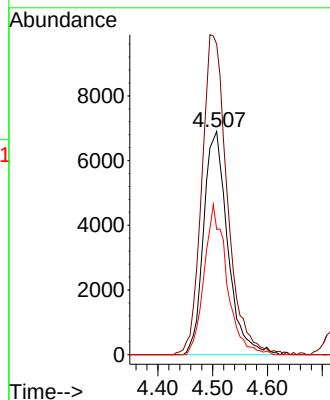
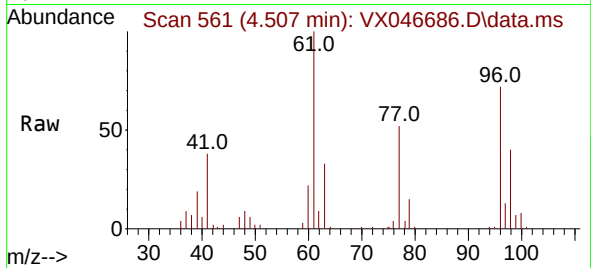
Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	322.8
98	63.2	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#28

Bromochloromethane

Concen: 32.418 ug/l

RT: 4.910 min Scan# 627

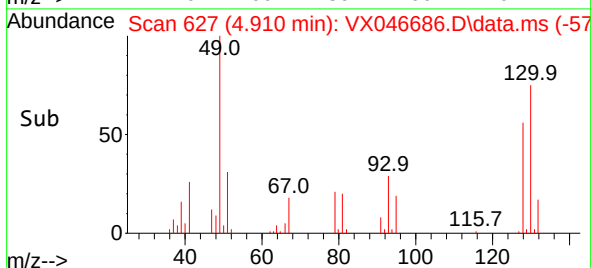
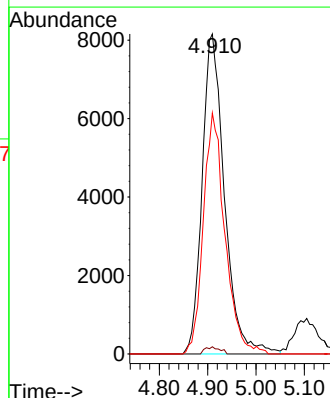
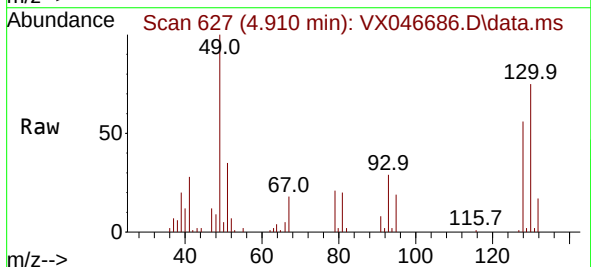
Delta R.T. -0.006 min

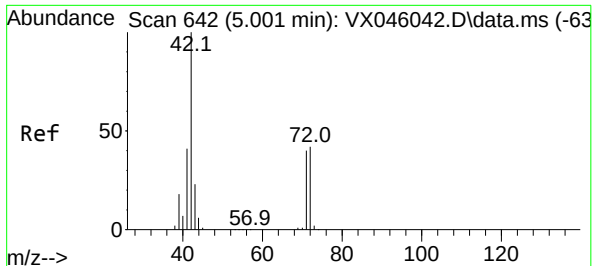
Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Tgt Ion: 49 Resp: 26141

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.0
130	73.0	56.2	84.2





#29

Tetrahydrofuran

Concen: 103.770 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

Tgt Ion: 42 Resp: 42830

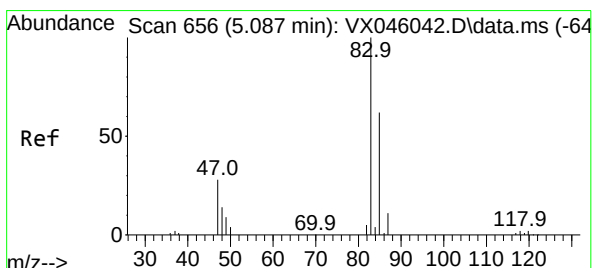
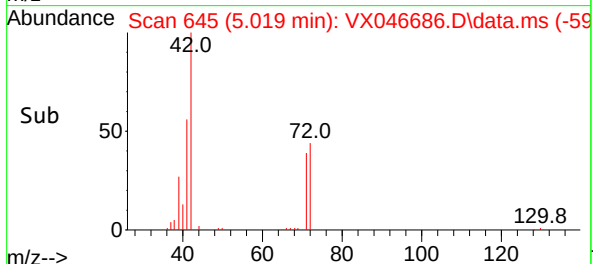
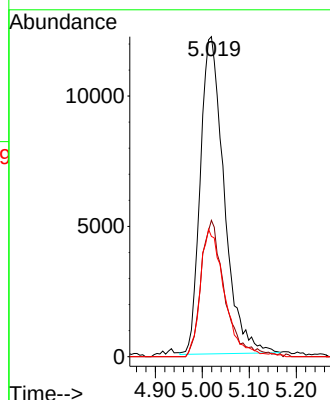
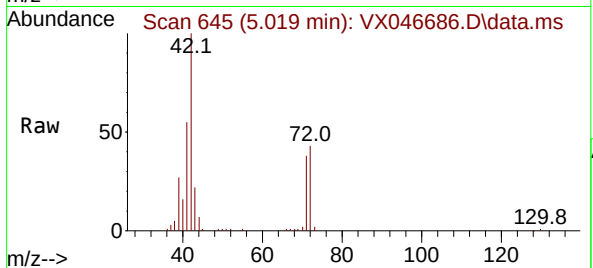
Ion	Ratio	Lower	Upper
42	100		
72	42.9	33.7	50.5
71	40.6	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#30

Chloroform

Concen: 21.587 ug/l

RT: 5.105 min Scan# 659

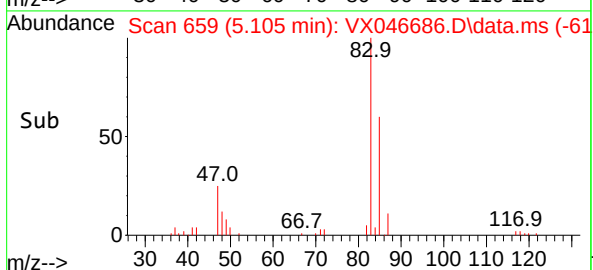
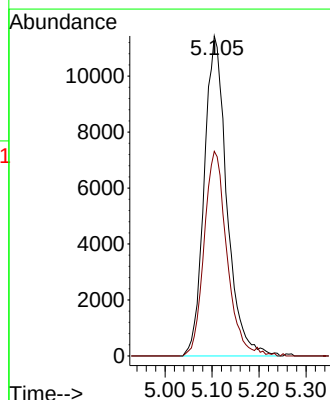
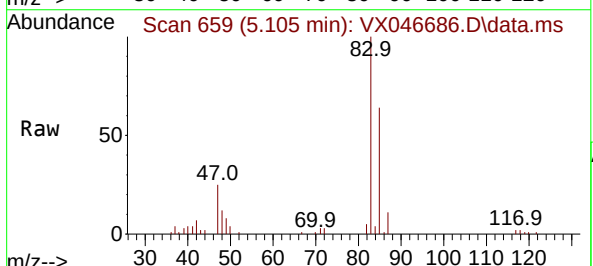
Delta R.T. -0.006 min

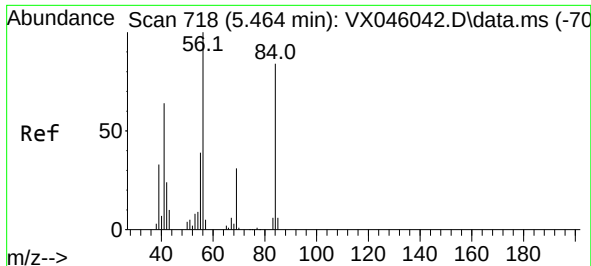
Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Tgt Ion: 83 Resp: 38241

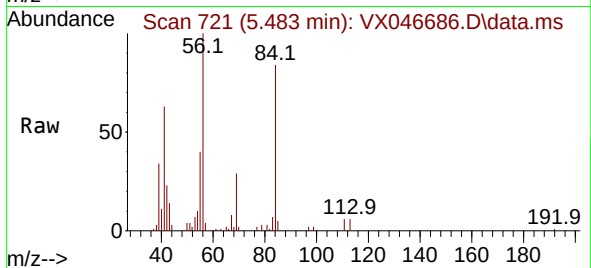
Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.3	73.9





#31
Cyclohexane
Concen: 19.089 ug/l
RT: 5.483 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

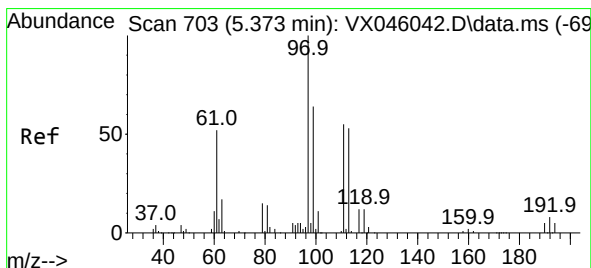
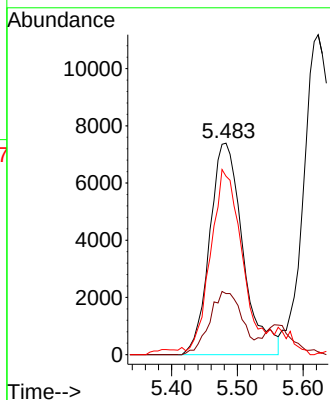
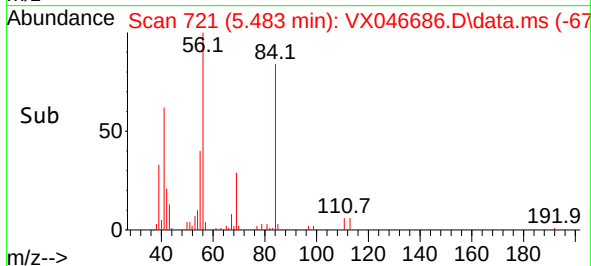
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



Tgt Ion: 56 Resp: 26054
Ion Ratio Lower Upper
56 100
69 28.9 24.4 36.6
84 82.2 66.9 100.3

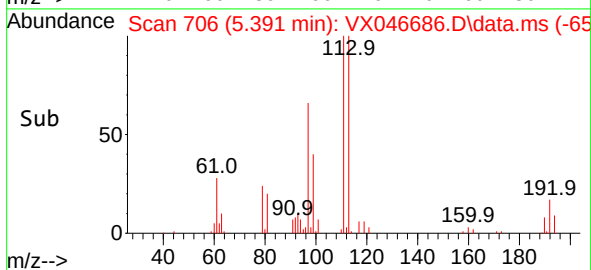
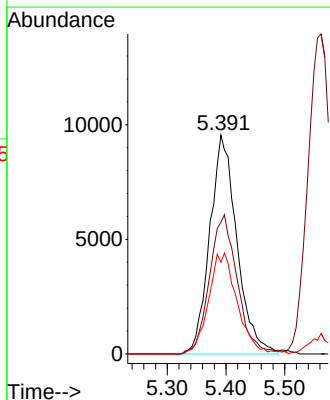
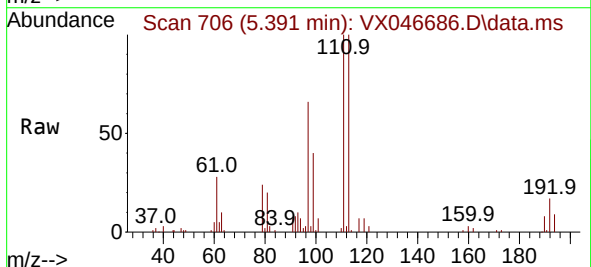
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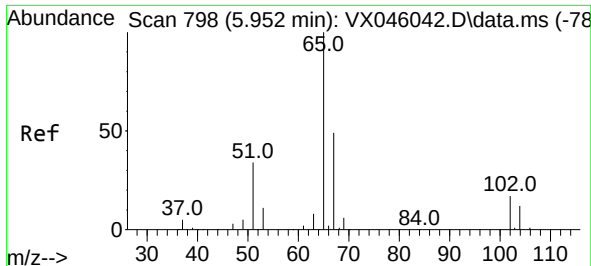
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#32
1,1,1-Trichloroethane
Concen: 20.201 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 97 Resp: 30611
Ion Ratio Lower Upper
97 100
99 65.2 51.8 77.6
61 48.9 40.1 60.1





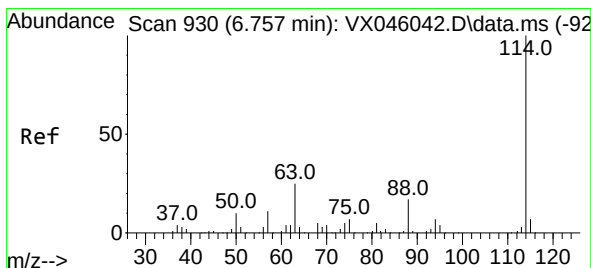
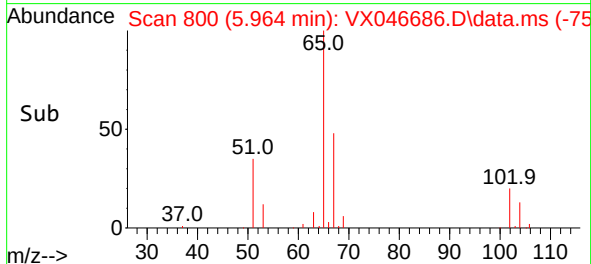
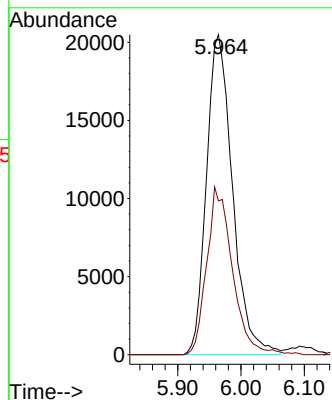
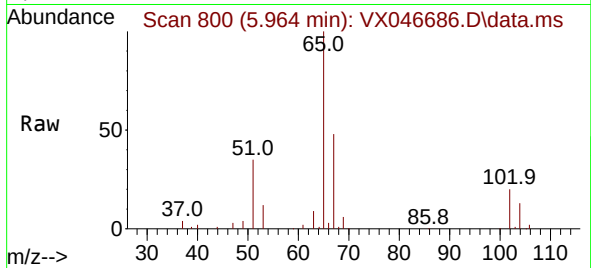
#33
1,2-Dichloroethane-d4
Concen: 50.009 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Tgt Ion: 65 Resp: 5871
Ion Ratio Lower Upper
65 100
67 51.7 0.0 99.0

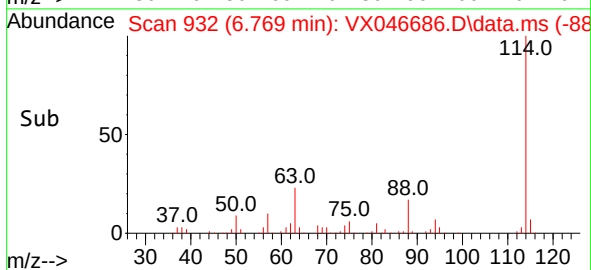
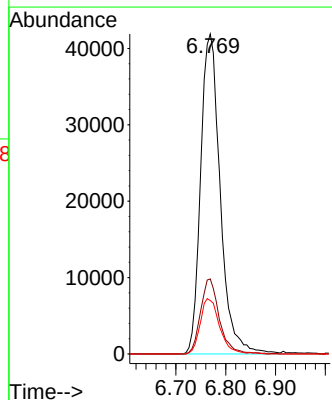
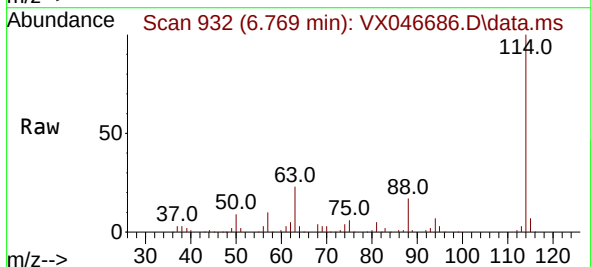
Manual Integrations
APPROVED

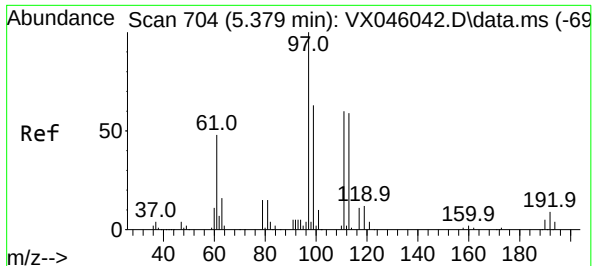
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion:114 Resp: 114290
Ion Ratio Lower Upper
114 100
63 23.5 0.0 49.2
88 16.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 54.611 ug/l

RT: 5.391 min Scan# 704

Delta R.T. -0.012 min

Lab File: VX046686.D

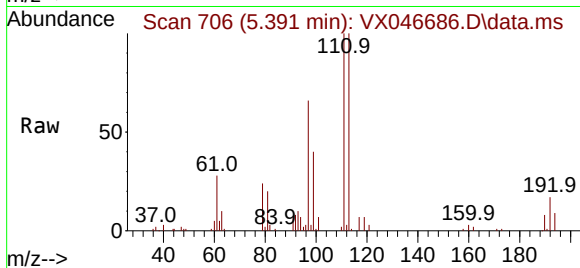
Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02



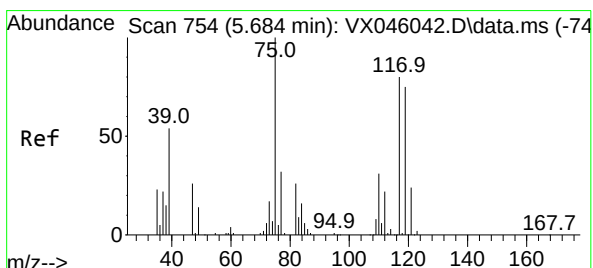
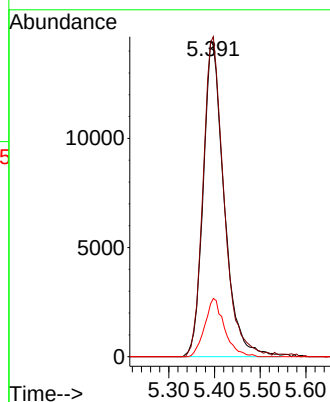
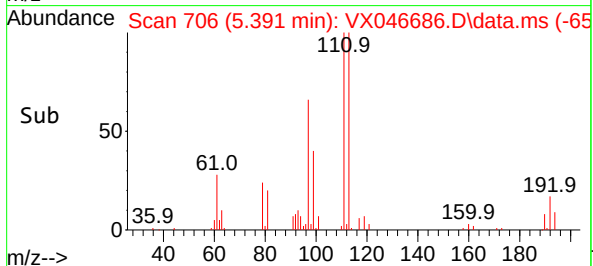
Tgt Ion:	113	Resp:	45900
Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.1	124.7
192	17.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#36

1,1-Dichloropropene

Concen: 18.518 ug/l

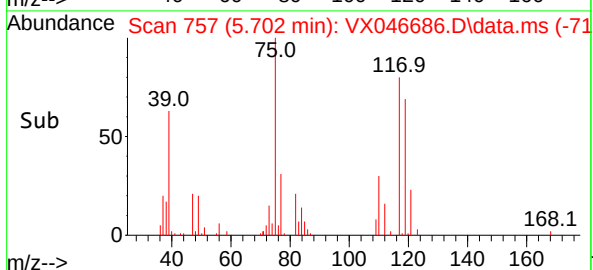
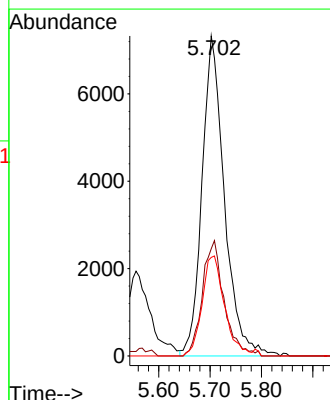
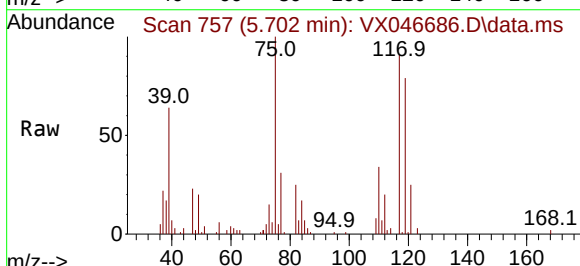
RT: 5.702 min Scan# 757

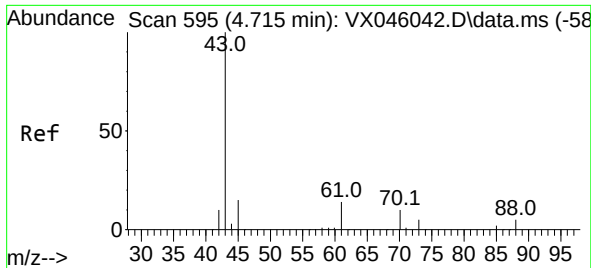
Delta R.T. -0.012 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

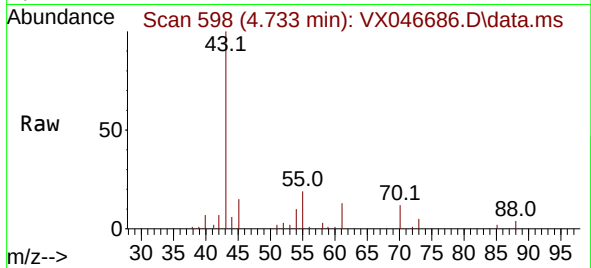
Tgt Ion:	75	Resp:	22232
Ion	Ratio	Lower	Upper
75	100		
110	34.9	16.3	48.9
77	31.2	24.3	36.5





#37
Ethyl Acetate
Concen: 21.307 ug/l
RT: 4.733 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

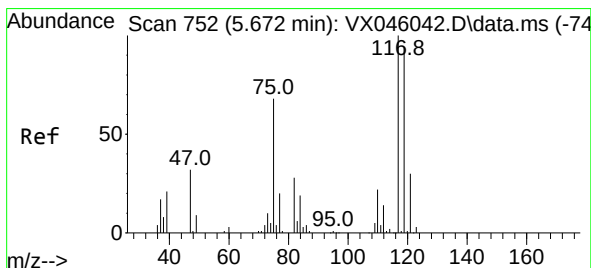
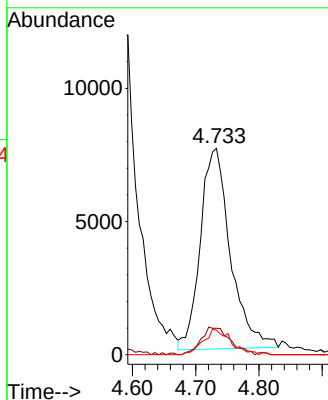
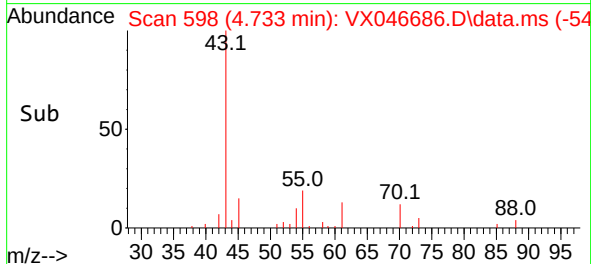
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



Tgt Ion: 43 Resp: 2496
Ion Ratio Lower Upper
43 100
61 13.2 10.3 15.5
70 11.5 7.9 11.9

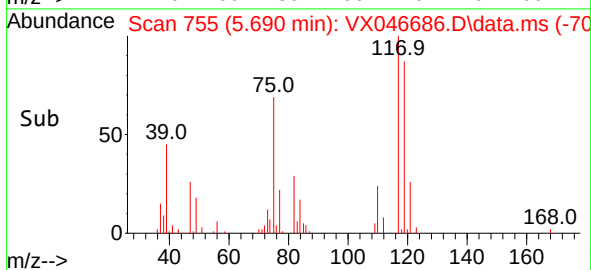
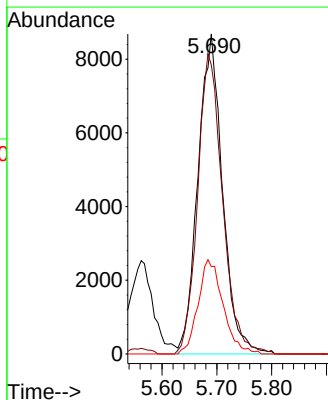
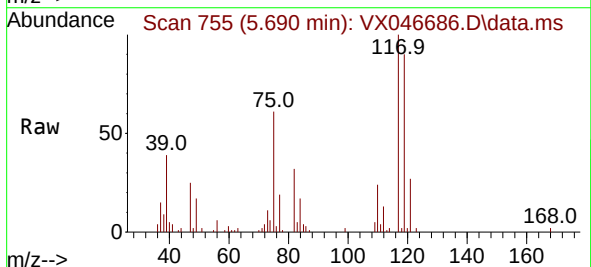
Manual Integrations
APPROVED

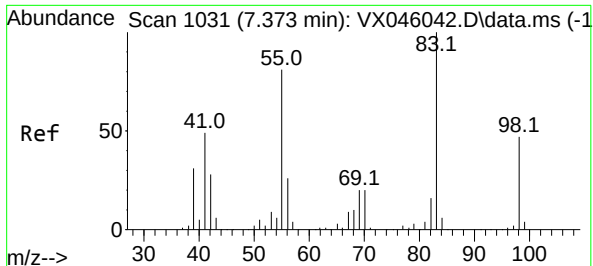
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#38
Carbon Tetrachloride
Concen: 20.102 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion:117 Resp: 27032
Ion Ratio Lower Upper
117 100
119 90.3 75.2 112.8
121 27.3 24.2 36.4





#39

Methylcyclohexane

Concen: 18.310 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

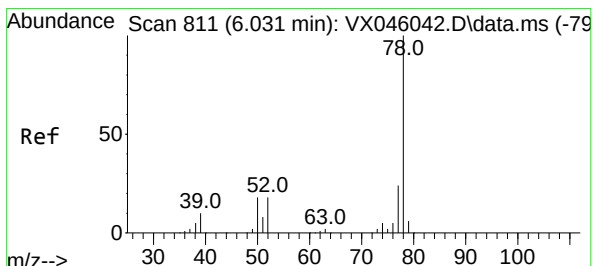
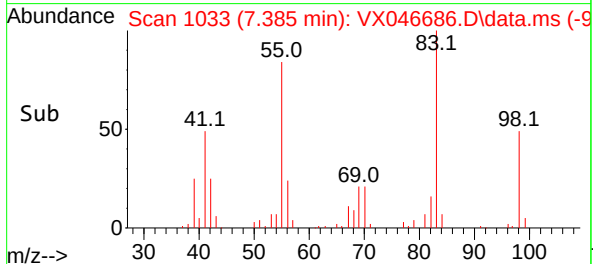
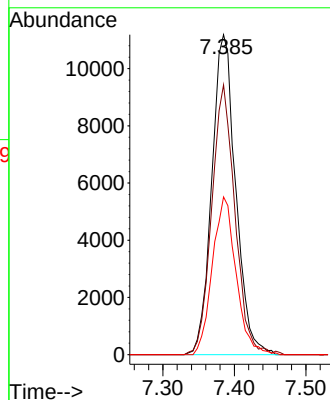
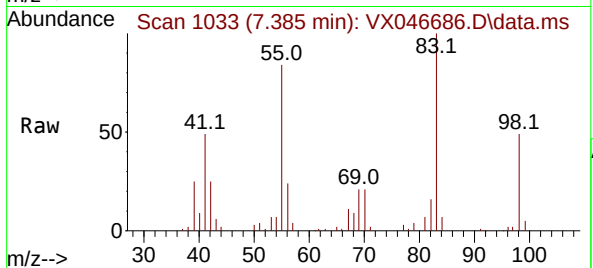
Tgt Ion: 83	Resp: 2594
Ion Ratio	Lower Upper
83	100
55	84.3 64.7 97.1
98	49.3 37.4 56.2

Manual Integrations

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Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#40

Benzene

Concen: 20.672 ug/l

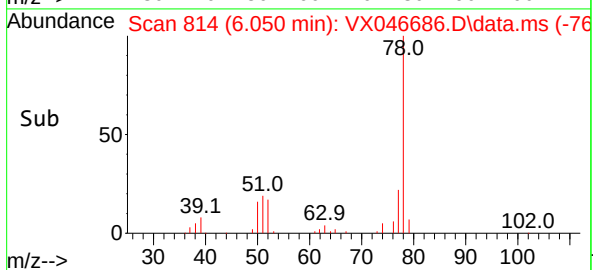
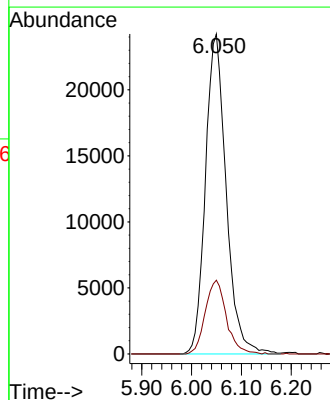
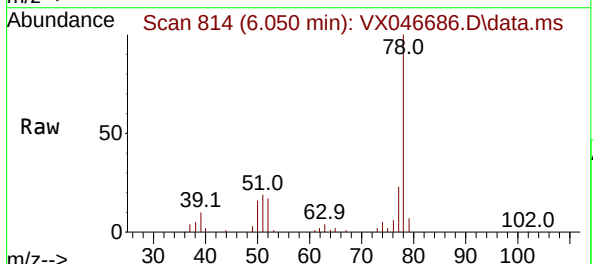
RT: 6.050 min Scan# 814

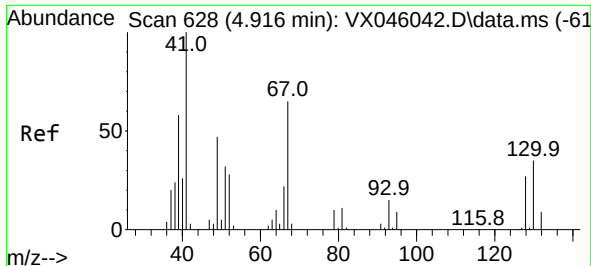
Delta R.T. -0.006 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Tgt Ion: 78	Resp: 69868
Ion Ratio	Lower Upper
78	100
77	23.1 19.0 28.4





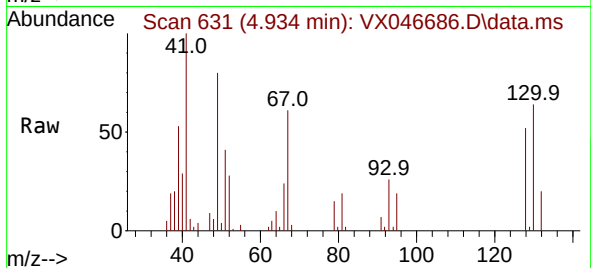
#41
Methacrylonitrile
Concen: 21.899 ug/l
RT: 4.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02



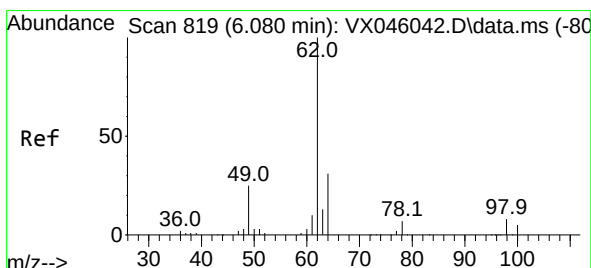
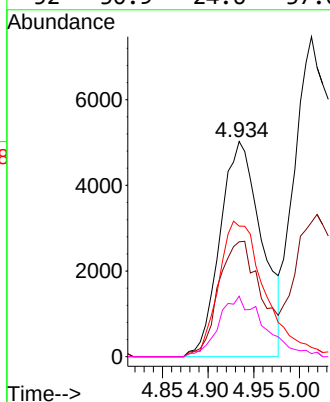
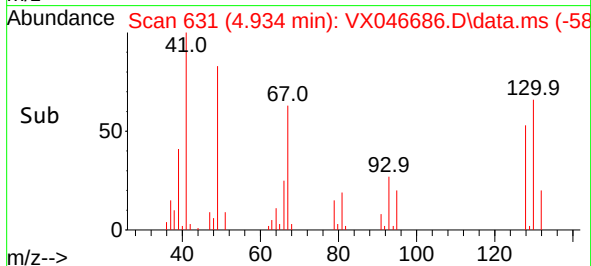
Tgt Ion: 41 Resp: 1593
Ion Ratio Lower Upper
41 100
39 55.1 47.2 70.8
67 70.0 50.7 76.1
52 30.9 24.6 37.0

Manual Integrations

APPROVED

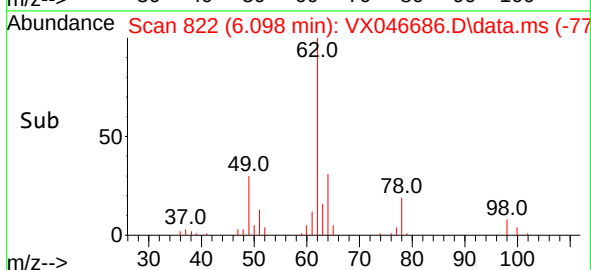
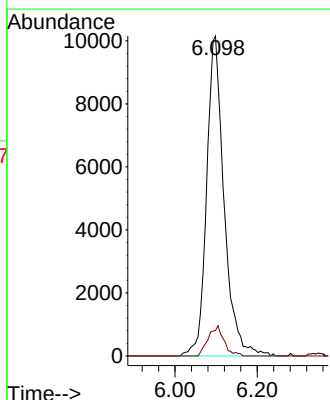
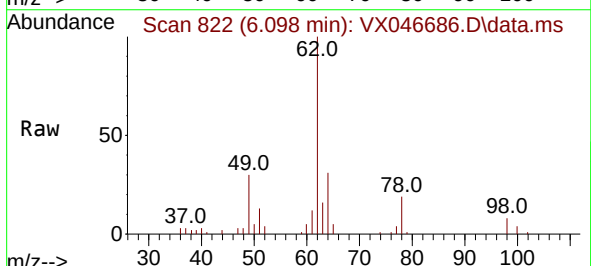
Reviewed By :John Carlone 06/16/2025

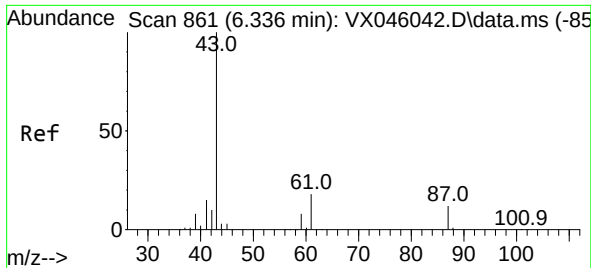
Supervised By :Mahesh Dadoda 06/16/2025



#42
1,2-Dichloroethane
Concen: 21.275 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 62 Resp: 29914
Ion Ratio Lower Upper
62 100
98 8.5 0.0 15.2





#43

Isopropyl Acetate

Concen: 21.024 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.012 min

Lab File: VX046686.D

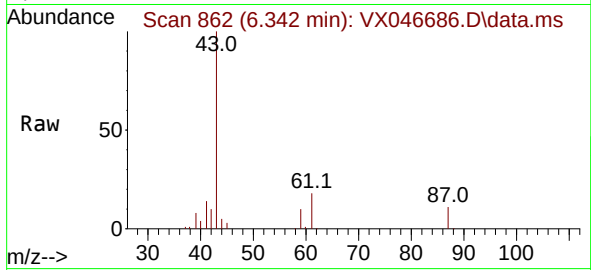
Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02



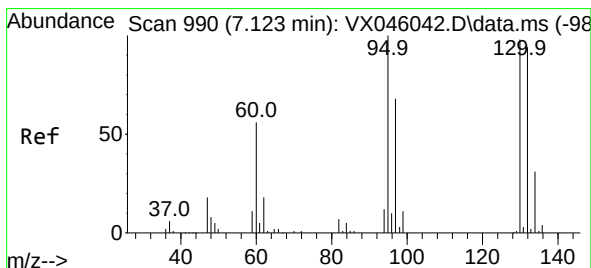
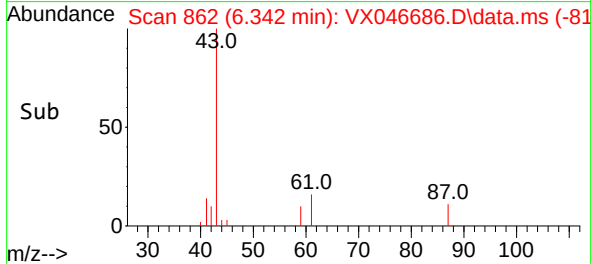
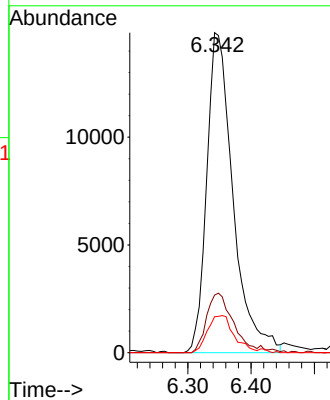
Tgt Ion: 43	Resp: 4294
Ion Ratio	Lower Upper
43	100
61	19.3 14.3 21.5
87	11.6 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#44

Trichloroethene

Concen: 19.852 ug/l

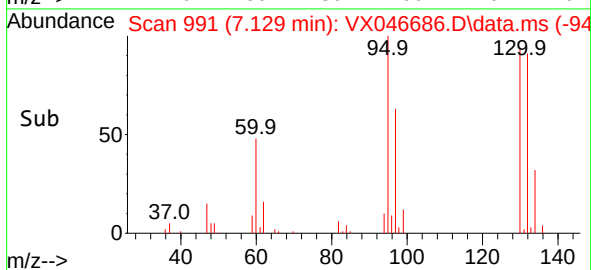
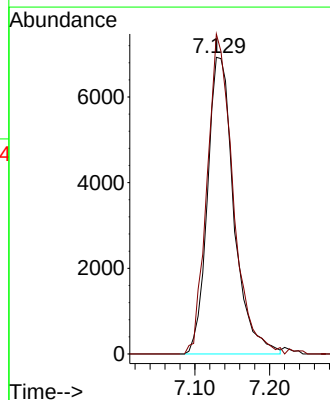
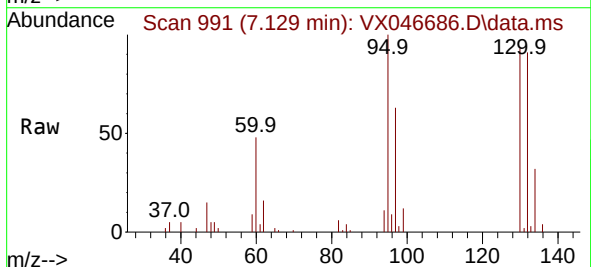
RT: 7.129 min Scan# 991

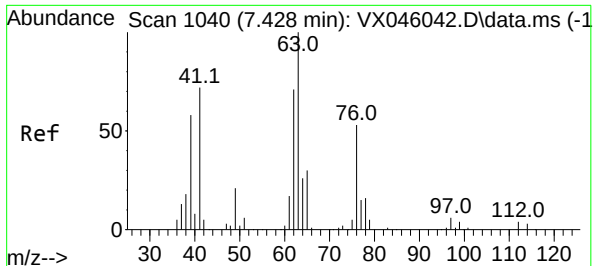
Delta R.T. -0.006 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Tgt Ion:130	Resp: 17048
Ion Ratio	Lower Upper
130	100
95	107.9 0.0 204.2





#45

1,2-Dichloropropane

Concen: 22.275 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

Tgt Ion: 63 Resp: 1943

Ion Ratio Lower Upper

63 100

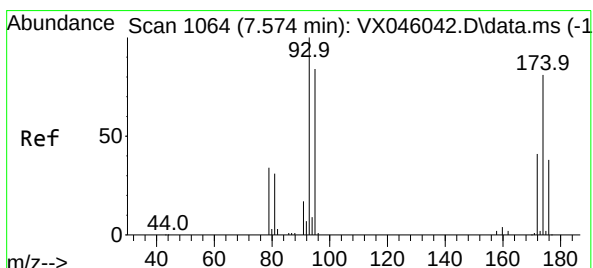
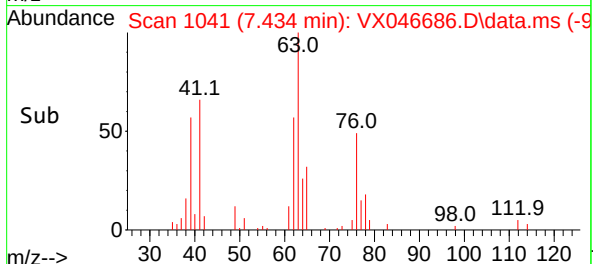
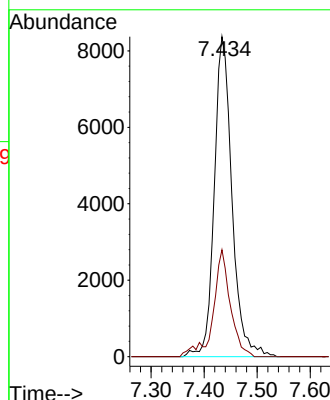
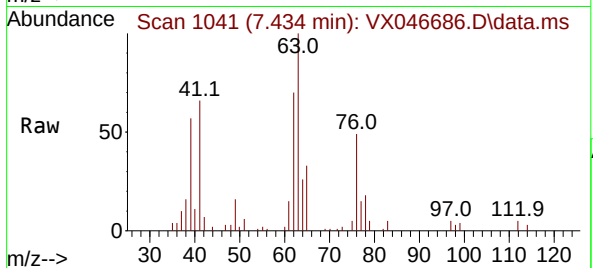
65 33.4 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#46

Dibromomethane

Concen: 21.580 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

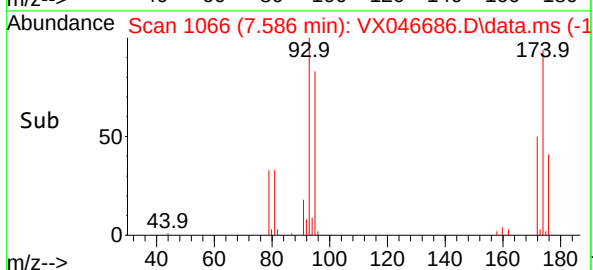
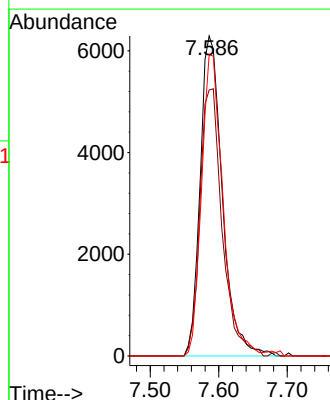
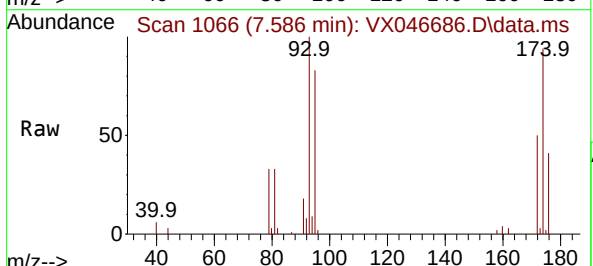
Tgt Ion: 93 Resp: 14163

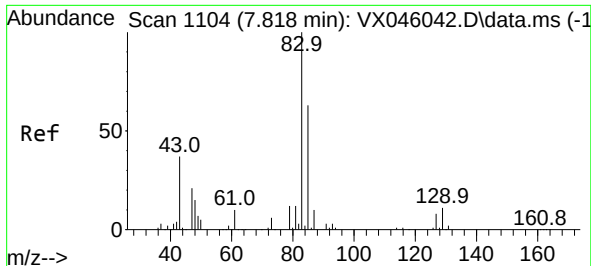
Ion Ratio Lower Upper

93 100

95 83.6 65.6 98.4

174 91.5 68.2 102.2





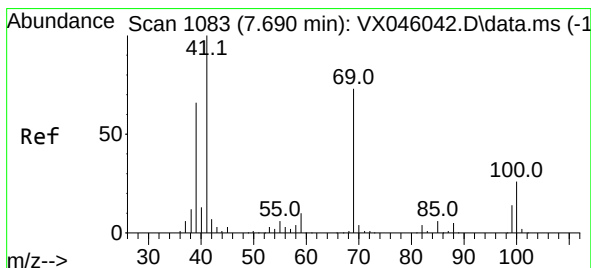
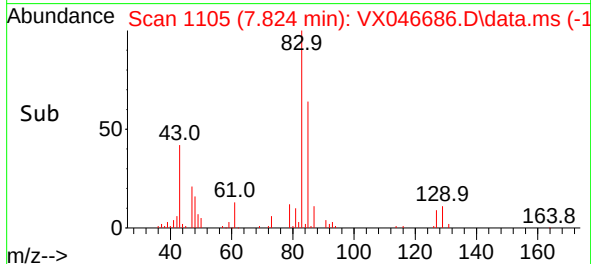
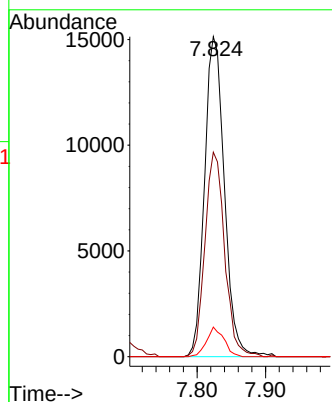
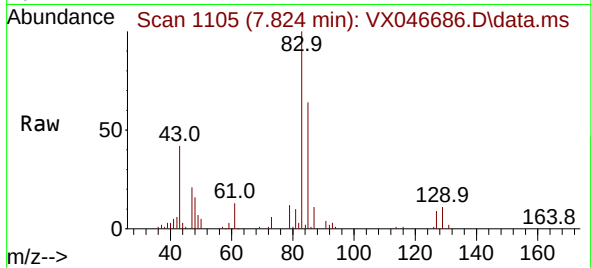
#47
Bromodichloromethane
Concen: 22.640 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Tgt Ion: 83 Resp: 3055
Ion Ratio Lower Upper
83 100
85 63.9 50.5 75.7
127 9.2 6.5 9.7

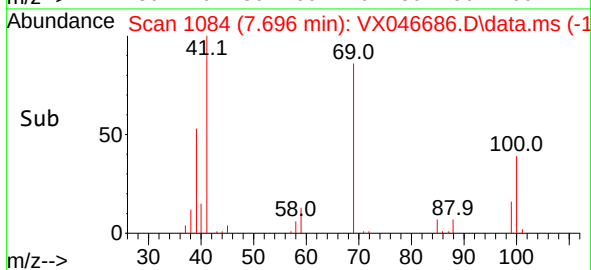
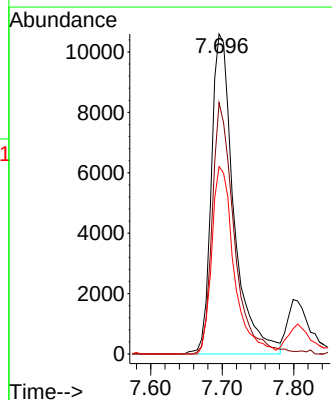
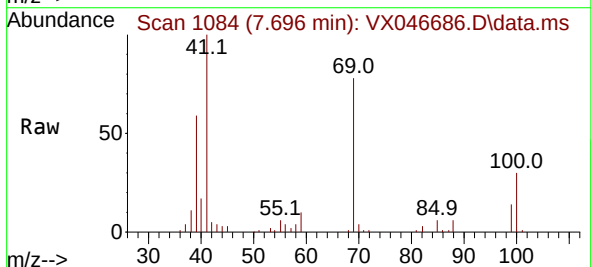
Manual Integrations
APPROVED

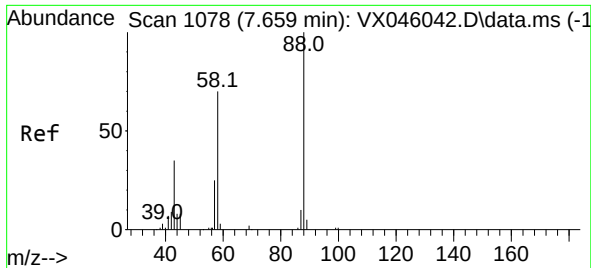
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#48
Methyl methacrylate
Concen: 22.101 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 41 Resp: 23229
Ion Ratio Lower Upper
41 100
69 76.2 58.5 87.7
39 57.9 51.7 77.5





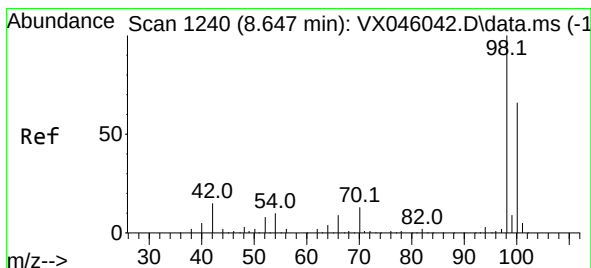
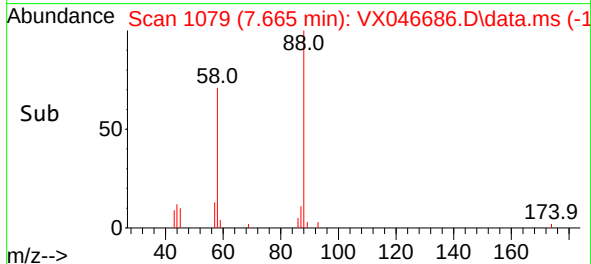
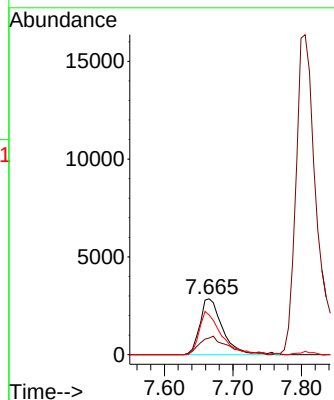
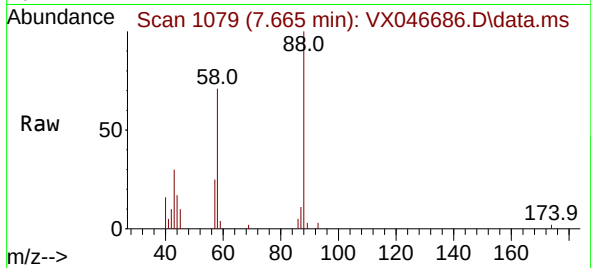
#49
1,4-Dioxane
Concen: 467.234 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Tgt Ion: 88 Resp: 656
Ion Ratio Lower Upper
88 100
43 38.8 33.4 50.2
58 74.3 58.6 88.0

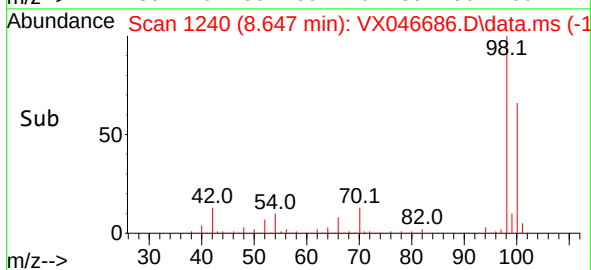
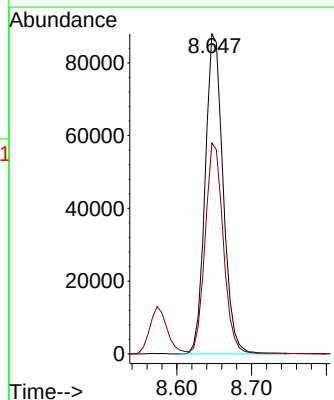
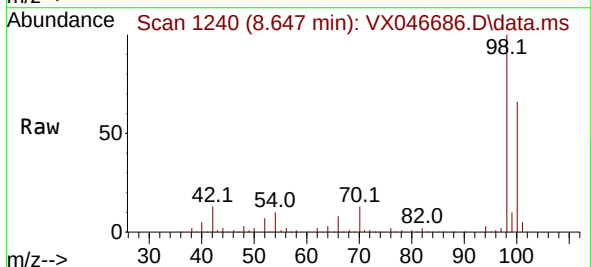
Manual Integrations
APPROVED

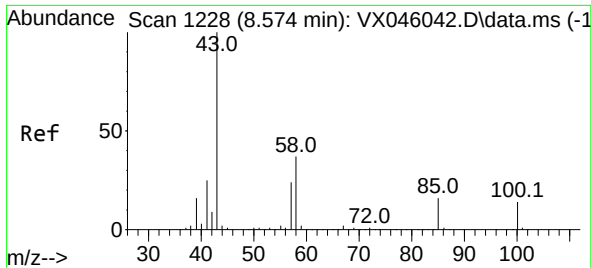
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#50
Toluene-d8
Concen: 52.862 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 98 Resp: 146479
Ion Ratio Lower Upper
98 100
100 66.8 53.5 80.3





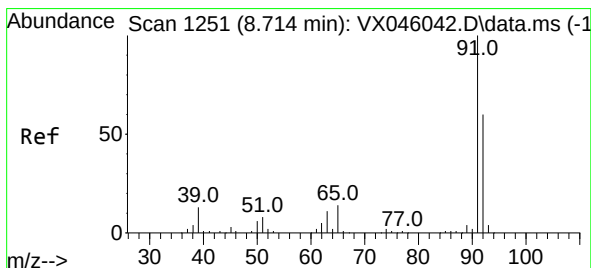
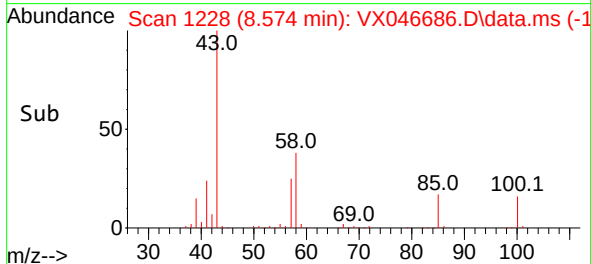
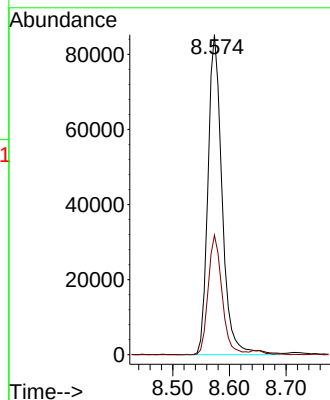
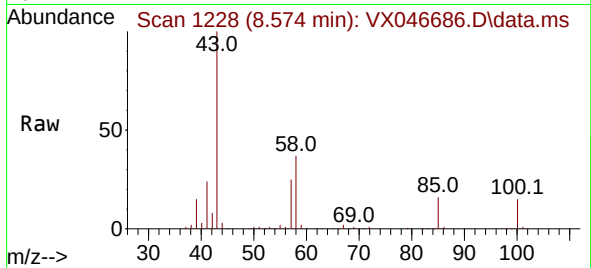
#51
4-Methyl-2-Pentanone
Concen: 113.694 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Tgt Ion: 43 Resp: 14758
Ion Ratio Lower Upper
43 100
58 36.8 28.9 43.3

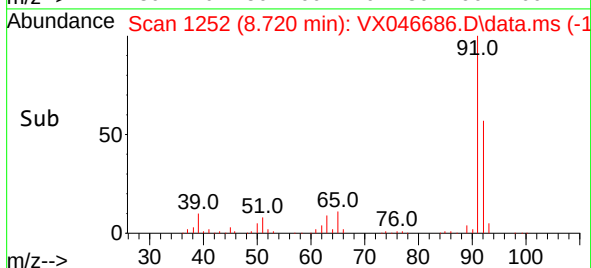
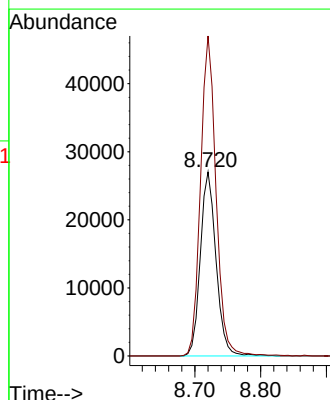
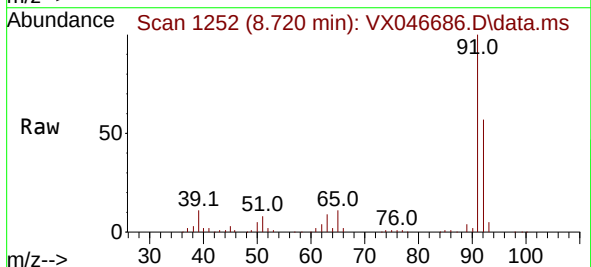
Manual Integrations
APPROVED

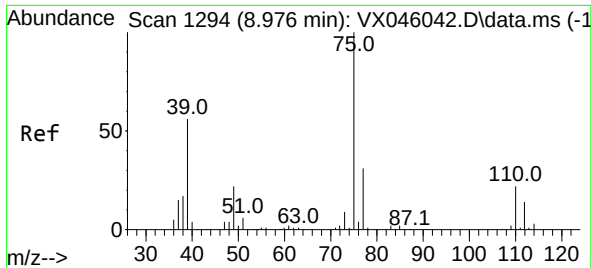
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#52
Toluene
Concen: 21.608 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion: 92 Resp: 44867
Ion Ratio Lower Upper
92 100
91 171.6 136.6 205.0





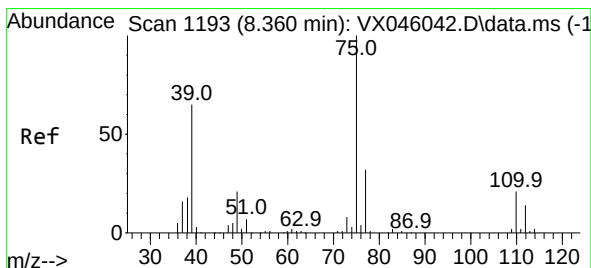
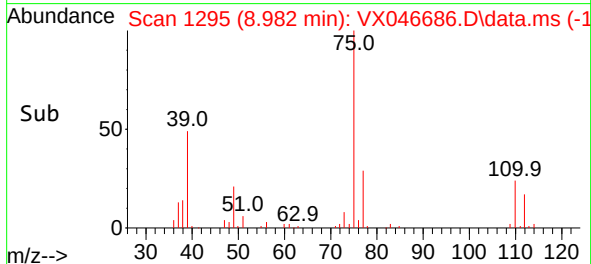
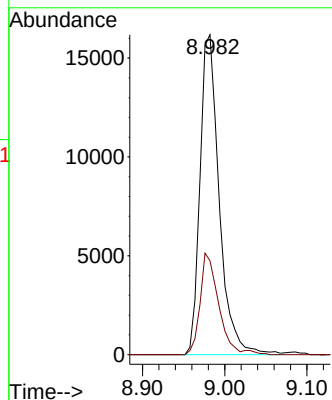
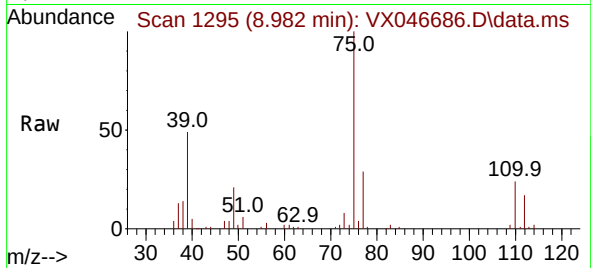
#53
 t-1,3-Dichloropropene
 Concen: 21.750 ug/l
 RT: 8.982 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: VX046686.D
 Acq: 13 Jun 2025 14:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD02

Tgt Ion: 75 Resp: 26310
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.0 37.6

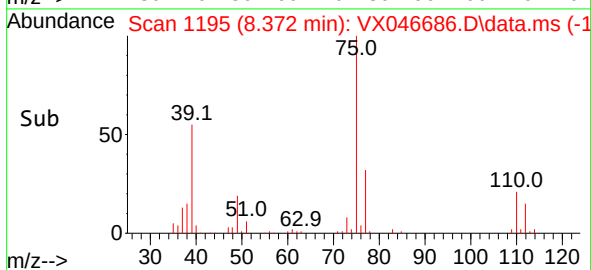
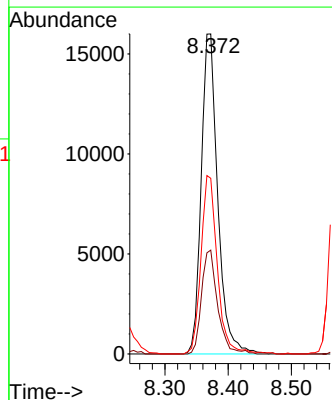
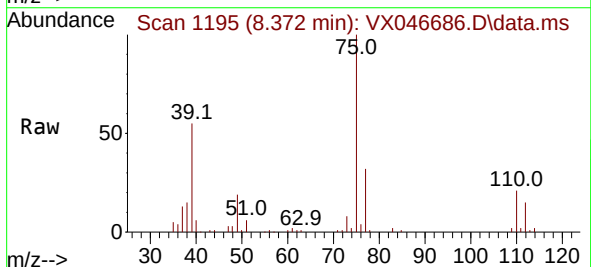
Manual Integrations
 APPROVED

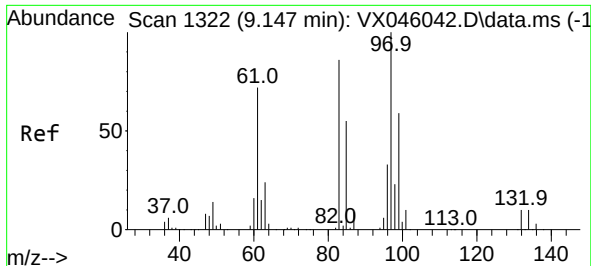
Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025



#54
 cis-1,3-Dichloropropene
 Concen: 21.658 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. 0.000 min
 Lab File: VX046686.D
 Acq: 13 Jun 2025 14:09

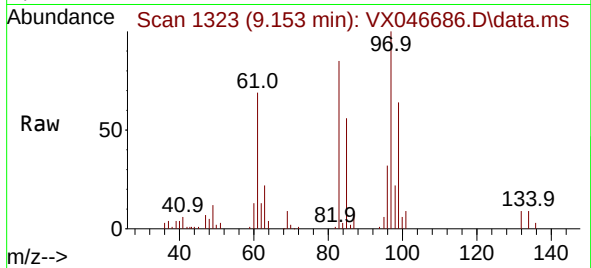
Tgt Ion: 75 Resp: 29135
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 39 54.9 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 23.348 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

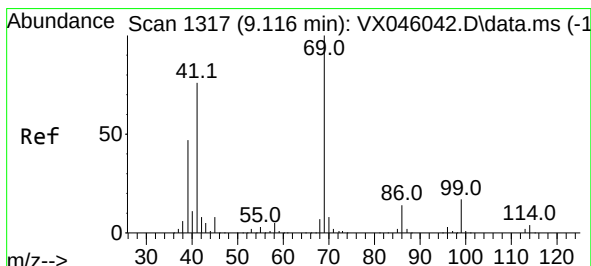
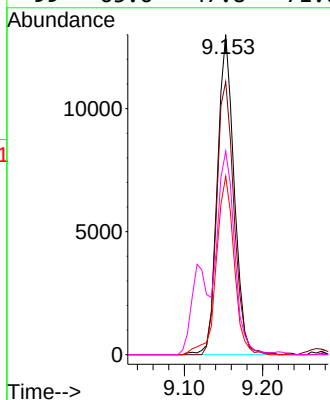
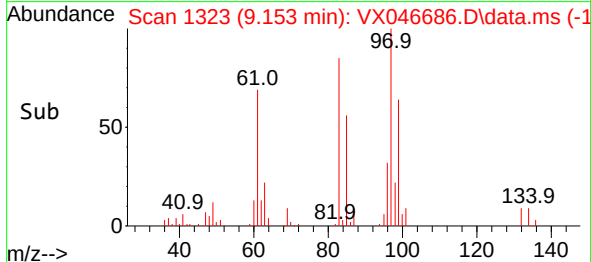


Tgt Ion: 97 Resp: 1946

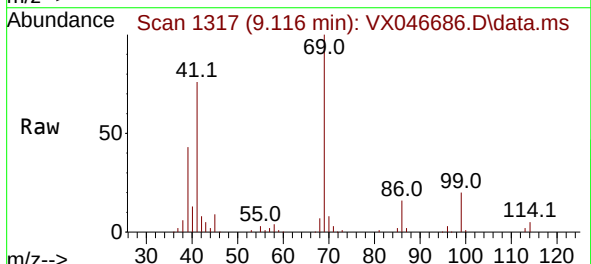
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.0	103.6
85	55.8	44.3	66.5
99	63.6	47.8	71.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

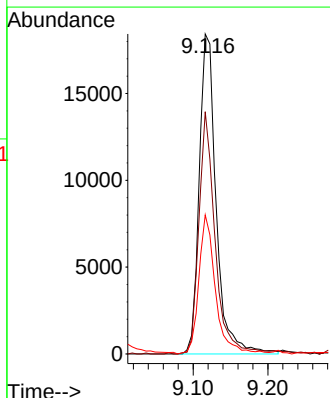
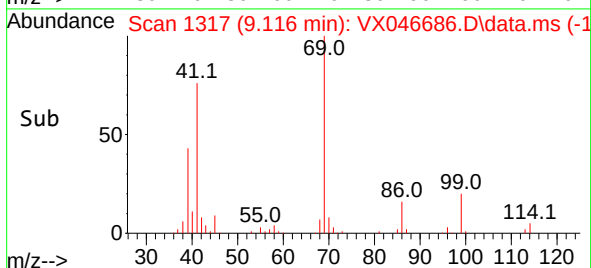


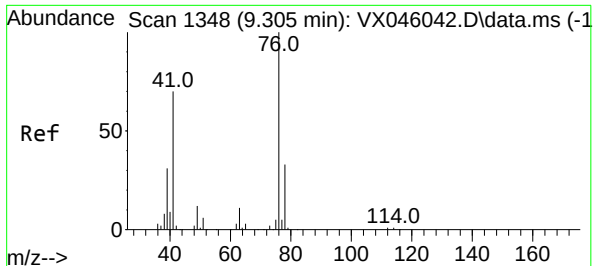
#56
Ethyl methacrylate
Concen: 22.673 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09



Tgt Ion: 69 Resp: 29084

Ion	Ratio	Lower	Upper
69	100		
41	73.1	60.8	91.2
39	42.7	39.0	58.6





#57

1,3-Dichloropropane

Concen: 22.462 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

Tgt Ion: 76 Resp: 3308

Ion Ratio Lower Upper

76 100

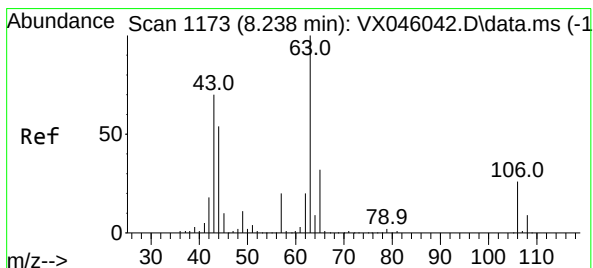
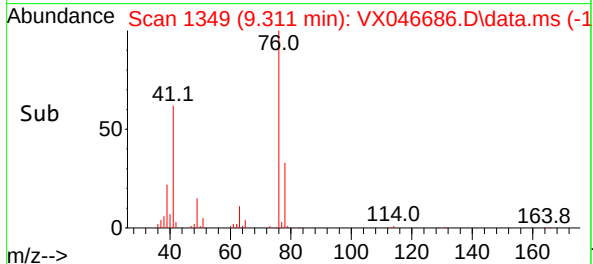
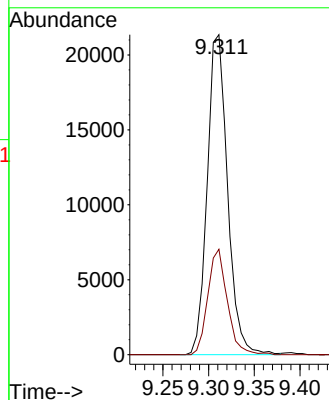
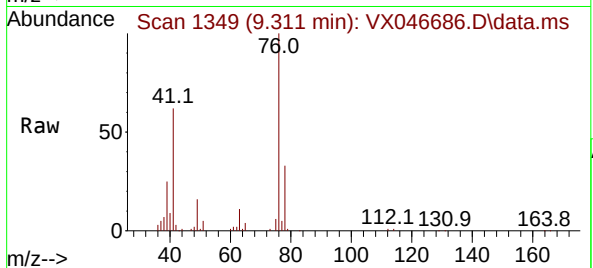
78 31.6 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#58

2-Chloroethyl Vinyl ether

Concen: 122.461 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046686.D

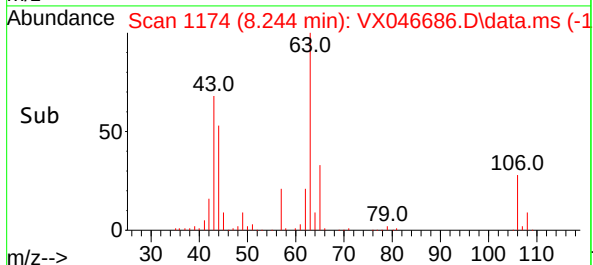
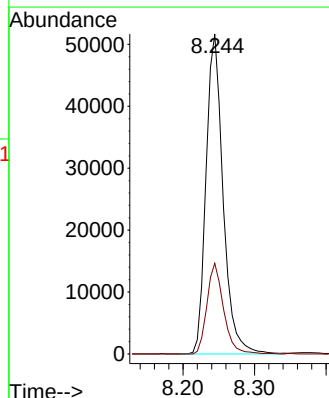
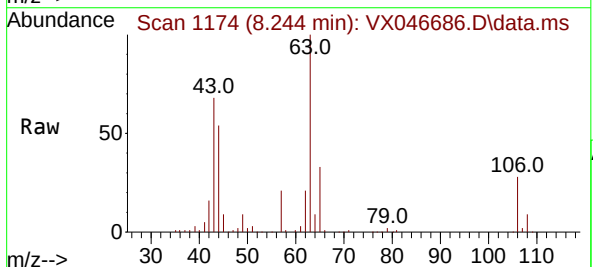
Acq: 13 Jun 2025 14:09

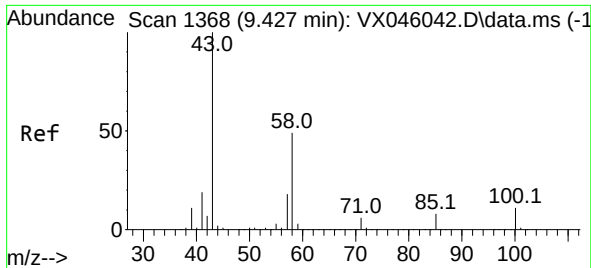
Tgt Ion: 63 Resp: 85564

Ion Ratio Lower Upper

63 100

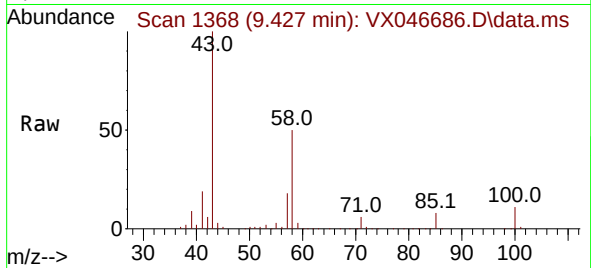
106 27.6 21.5 32.3





#59
2-Hexanone
Concen: 112.494 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

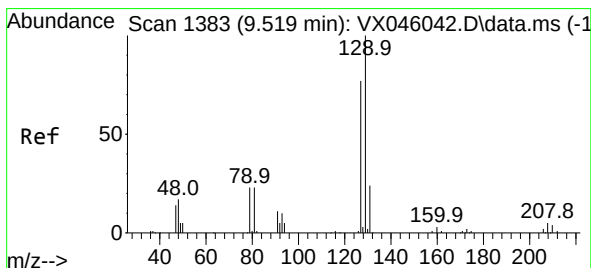
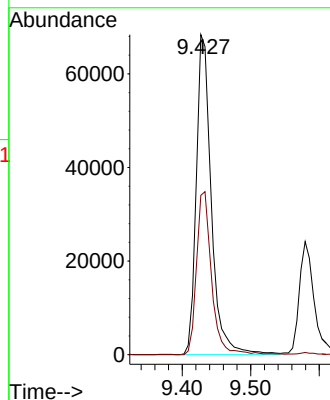
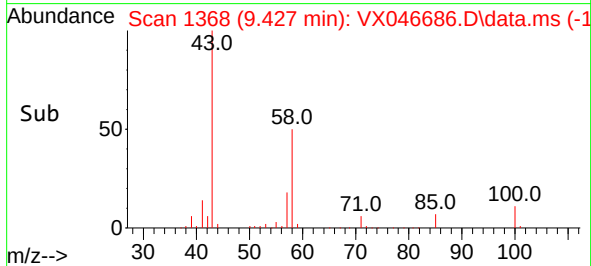
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



Tgt Ion: 43 Resp: 104729
Ion Ratio Lower Upper
43 100
58 50.7 24.9 74.6

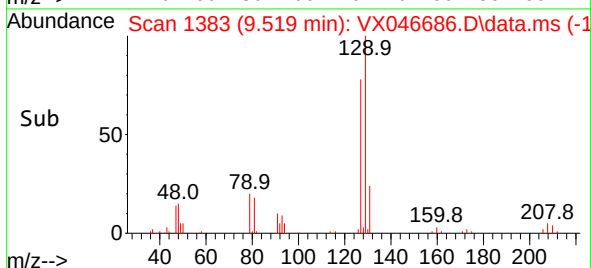
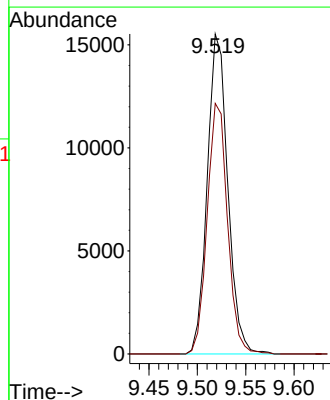
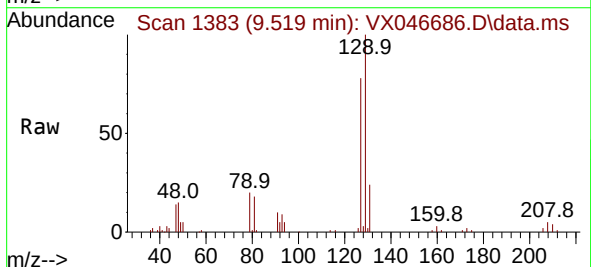
Manual Integrations
APPROVED

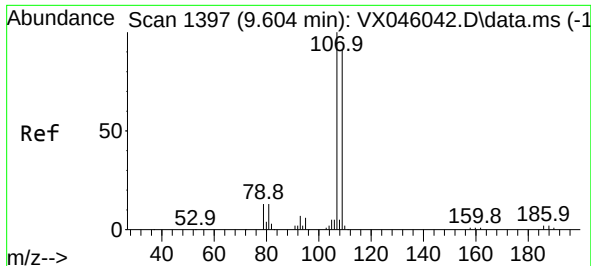
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#60
Dibromochloromethane
Concen: 23.408 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

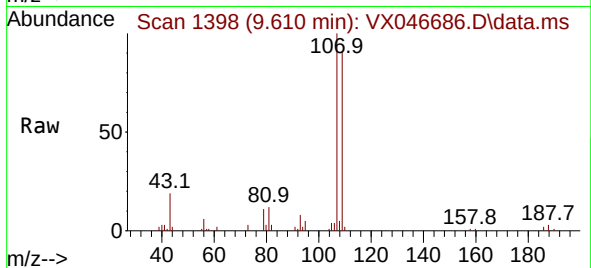
Tgt Ion:129 Resp: 22952
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.8





#61
1,2-Dibromoethane
Concen: 22.233 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

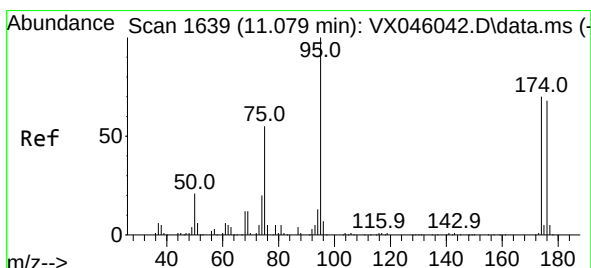
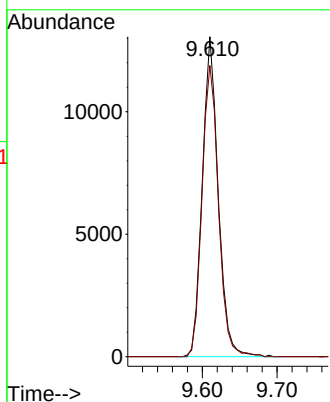
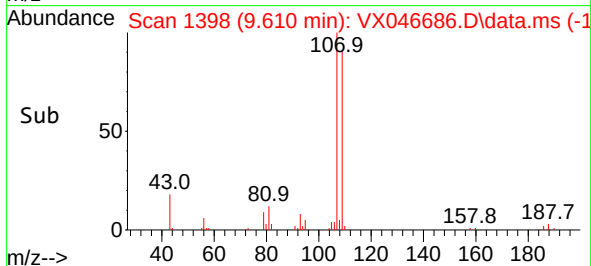
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



Tgt Ion:107 Resp: 19312
Ion Ratio Lower Upper
107 100
109 94.1 73.3 109.9

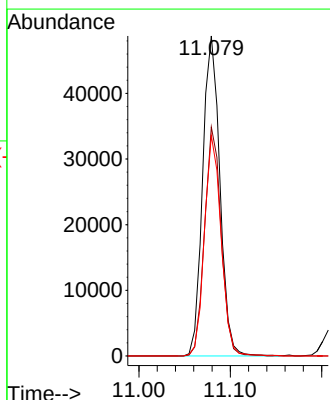
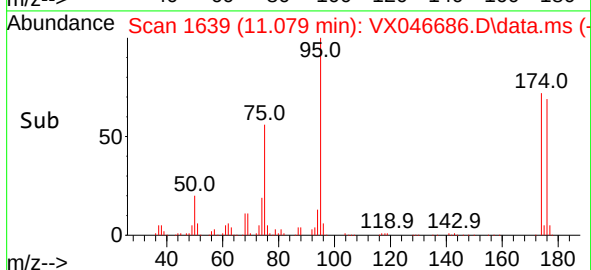
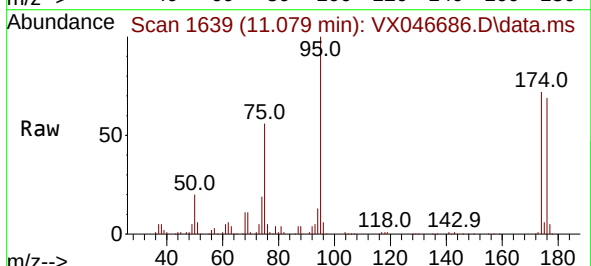
Manual Integrations
APPROVED

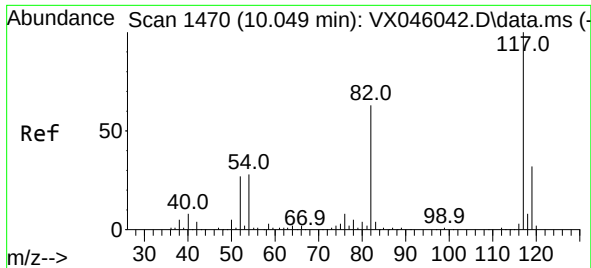
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#62
4-Bromofluorobenzene
Concen: 55.495 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

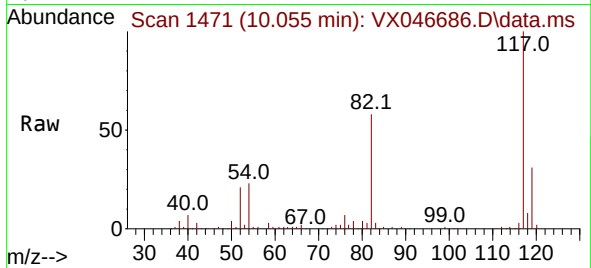
Tgt Ion: 95 Resp: 63624
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.8
176 66.7 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

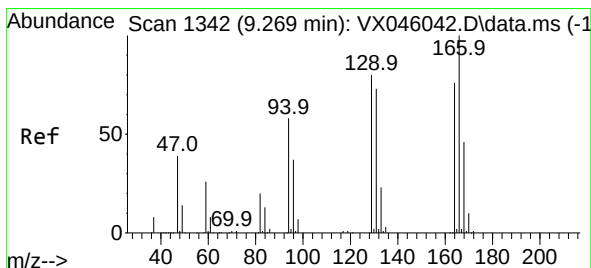
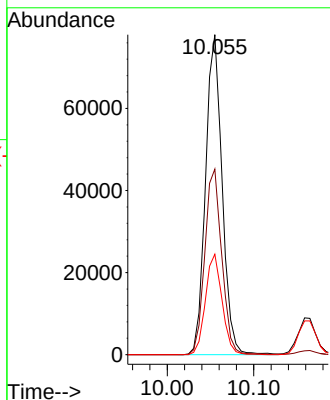
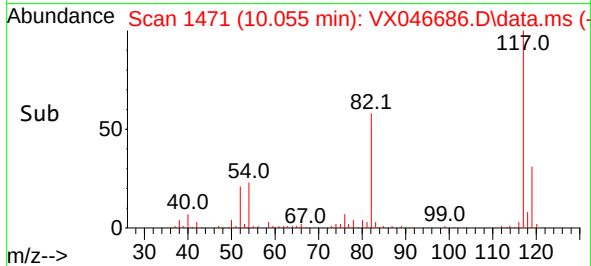
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



Tgt Ion:117 Resp: 10387
Ion Ratio Lower Upper
117 100
82 58.0 50.6 76.0
119 31.4 25.8 38.6

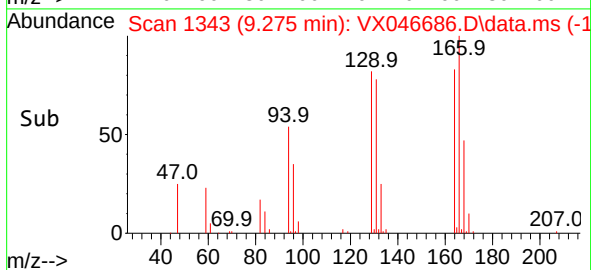
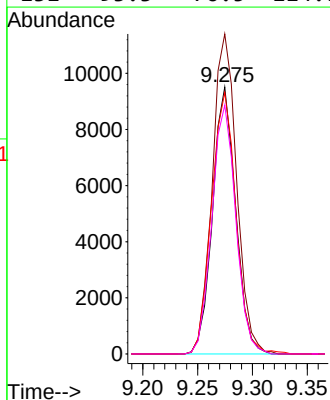
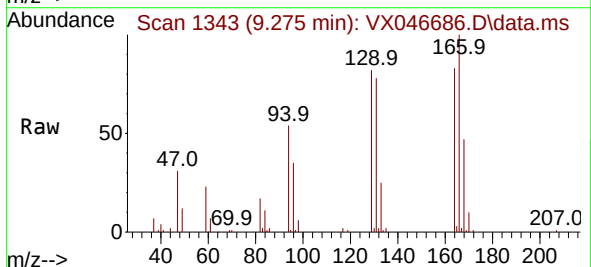
Manual Integrations
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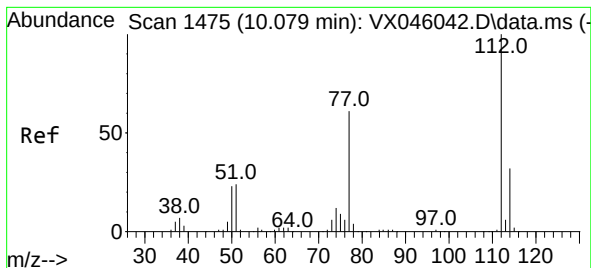
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#64
Tetrachloroethene
Concen: 20.057 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion:164 Resp: 13932
Ion Ratio Lower Upper
164 100
166 119.9 105.0 157.6
129 98.0 83.5 125.3
131 93.3 76.5 114.7





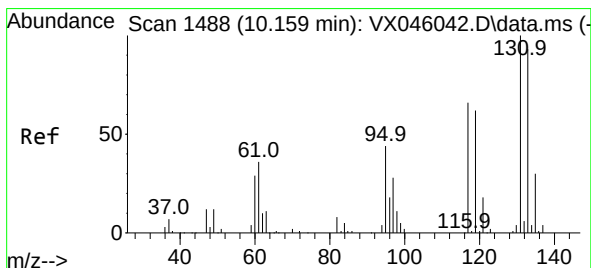
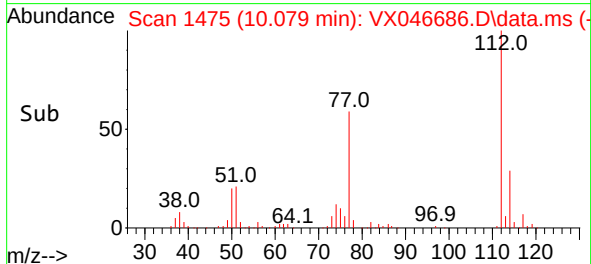
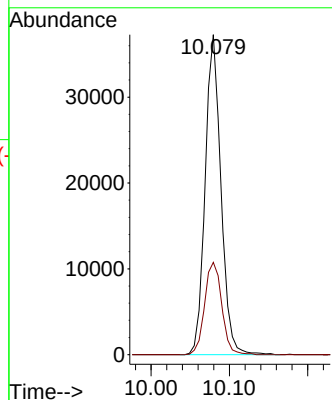
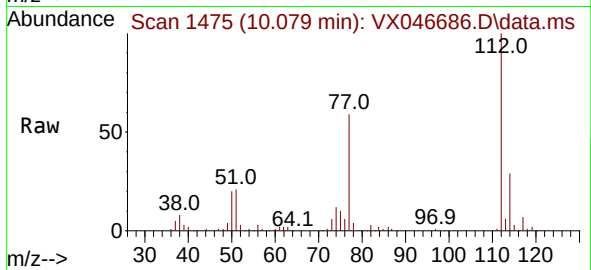
#65
Chlorobenzene
Concen: 21.341 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Tgt Ion:112 Resp: 5213
Ion Ratio Lower Upper
112 100
114 28.8 25.4 38.2

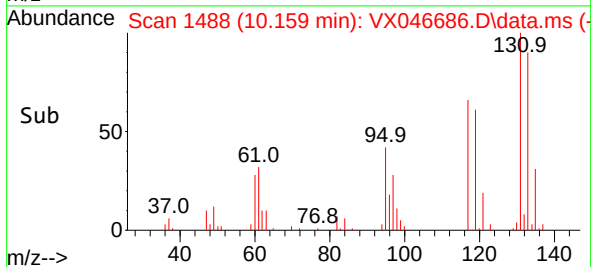
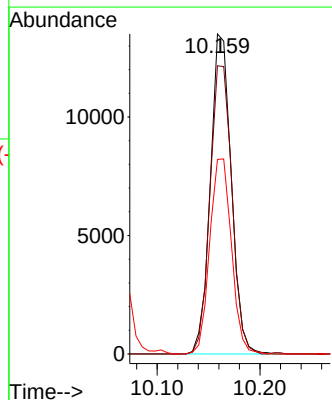
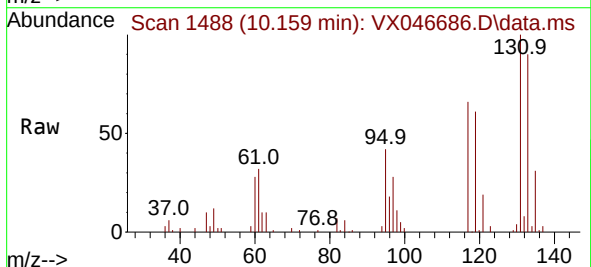
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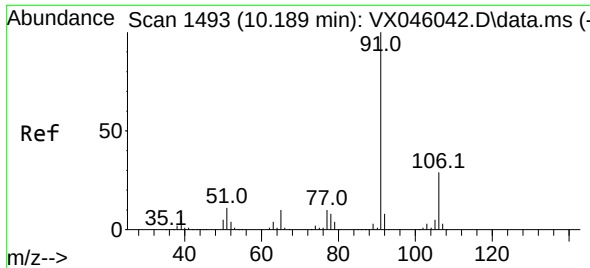
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 23.078 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion:131 Resp: 19052
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.9
119 63.3 31.6 95.0





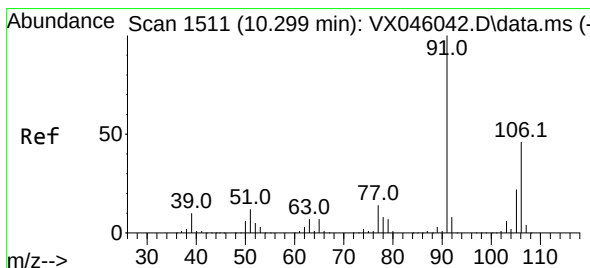
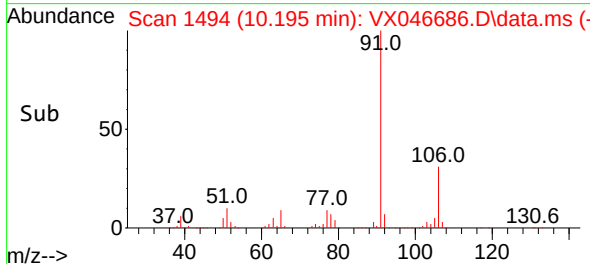
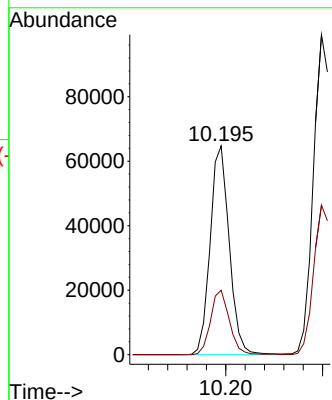
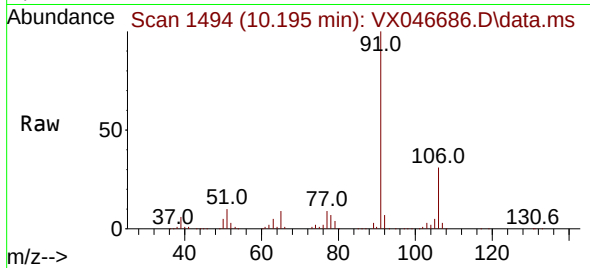
#67
Ethyl Benzene
Concen: 20.838 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Tgt Ion: 91 Resp: 8887
Ion Ratio Lower Upper
91 100
106 30.8 23.4 35.2

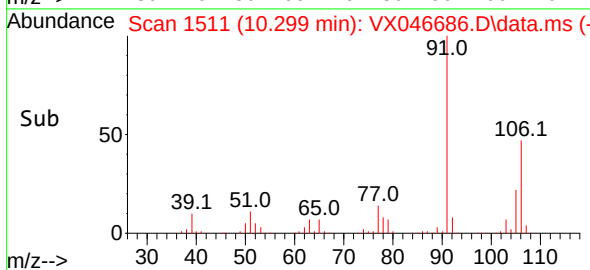
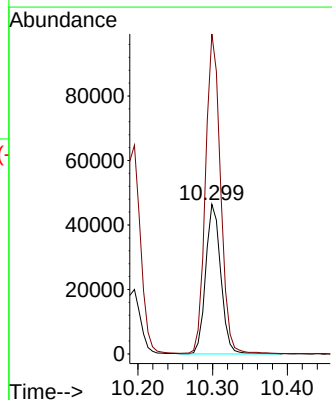
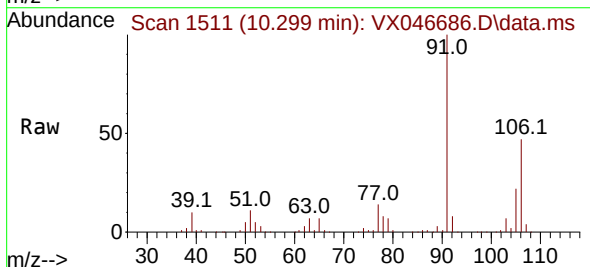
Manual Integrations
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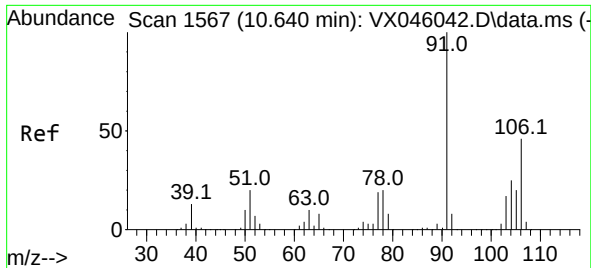
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#68
m/p-Xylenes
Concen: 42.074 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion:106 Resp: 65093
Ion Ratio Lower Upper
106 100
91 212.8 171.2 256.8





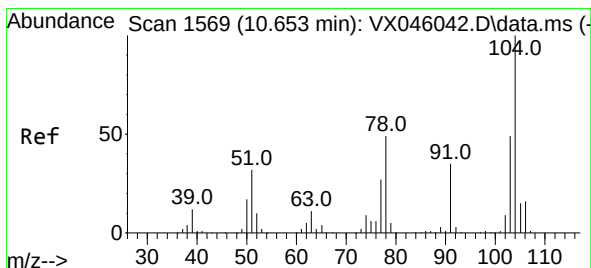
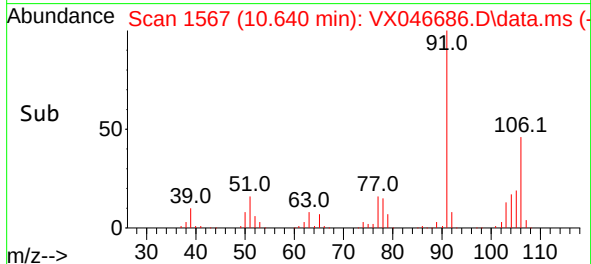
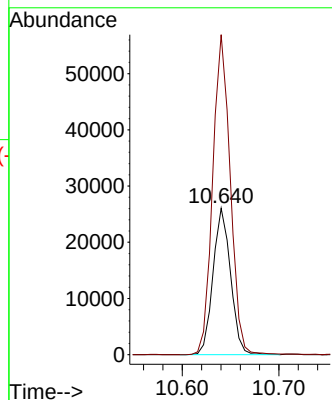
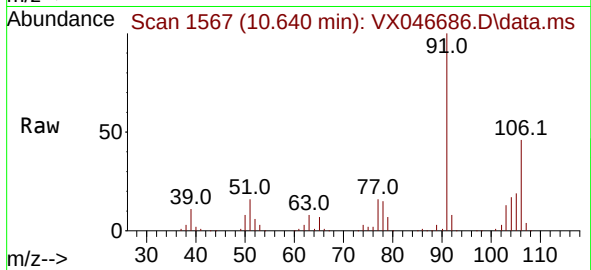
#69
o-Xylene
Concen: 21.991 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Tgt Ion:106 Resp: 32908
Ion Ratio Lower Upper
106 100
91 219.0 112.7 338.1

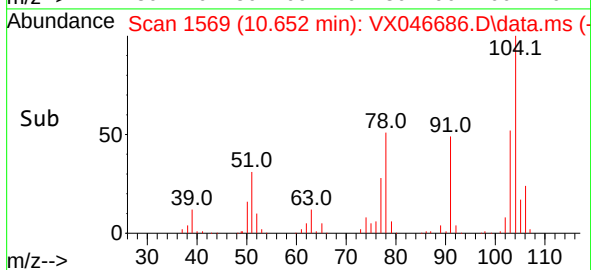
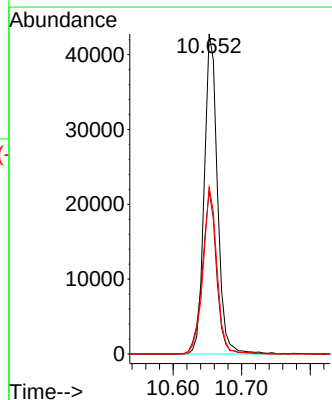
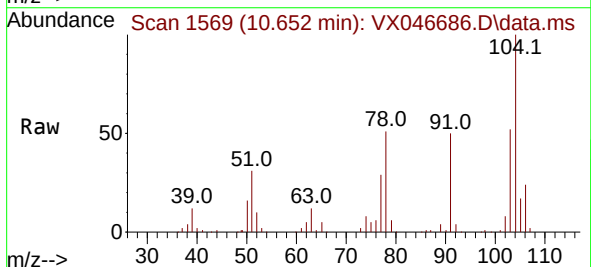
Manual Integrations
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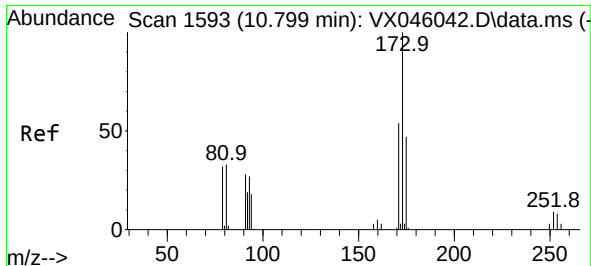
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#70
Styrene
Concen: 22.502 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

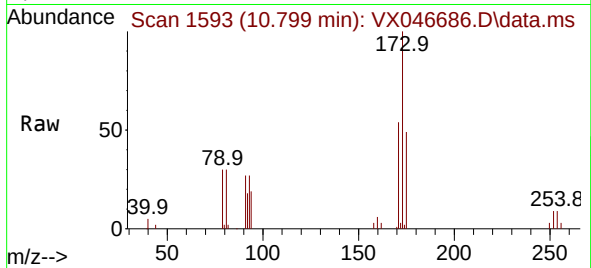
Tgt Ion:104 Resp: 57641
Ion Ratio Lower Upper
104 100
78 54.4 45.7 68.5
103 54.6 43.7 65.5





#71
Bromoform
Concen: 23.449 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

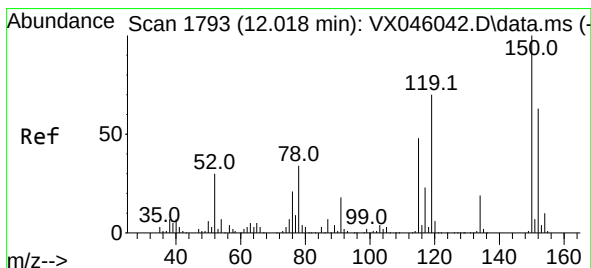
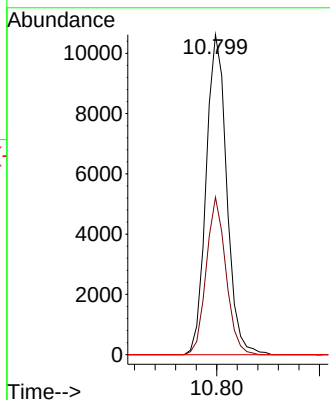
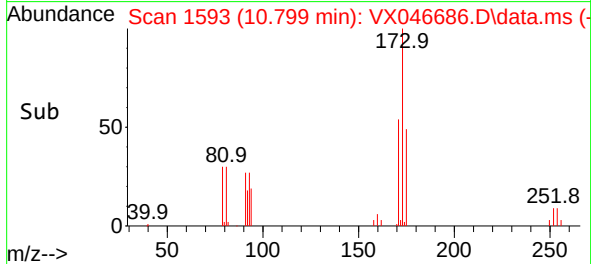
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



Tgt Ion:173 Resp: 14760
Ion Ratio Lower Upper
173 100
175 46.9 23.4 70.0
254 0.0 0.0 0.0

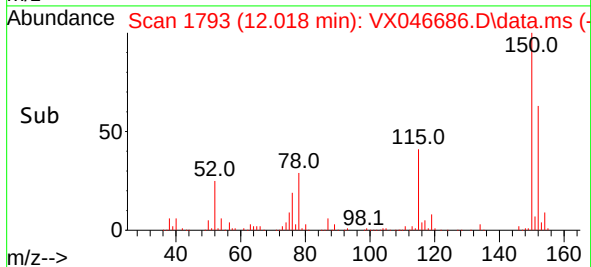
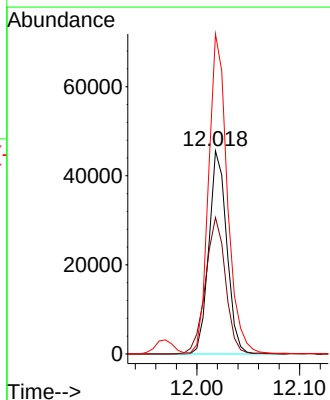
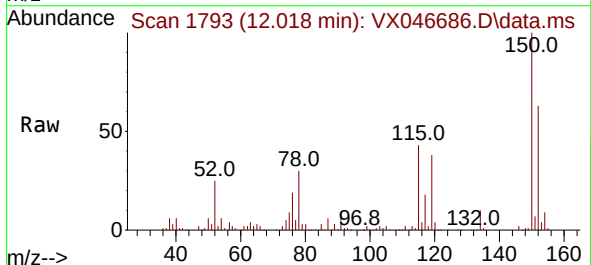
Manual Integrations
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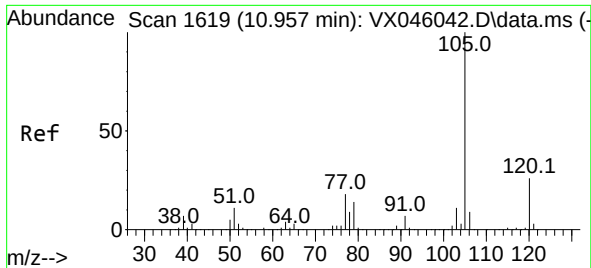
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Tgt Ion:152 Resp: 55253
Ion Ratio Lower Upper
152 100
115 75.2 46.9 140.7
150 165.5 0.0 351.0





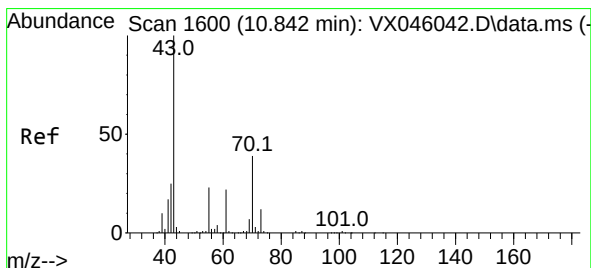
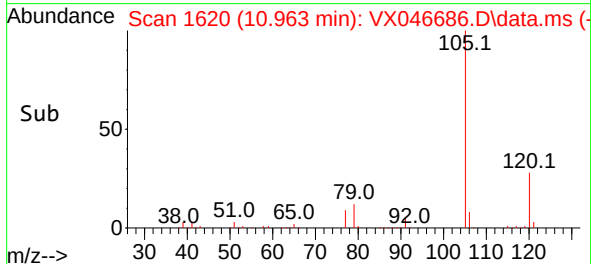
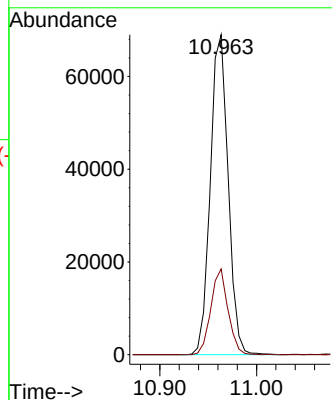
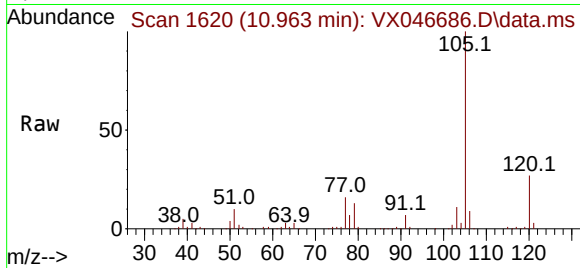
#73
Isopropylbenzene
Concen: 20.372 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Tgt Ion:105 Resp: 88480
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

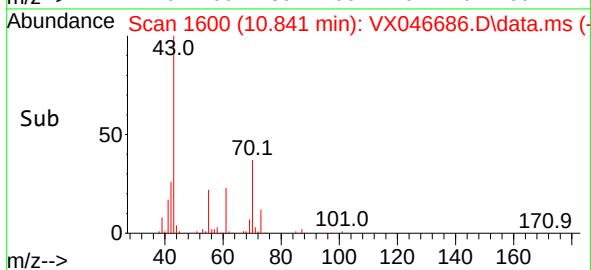
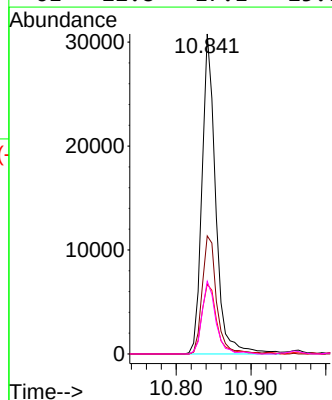
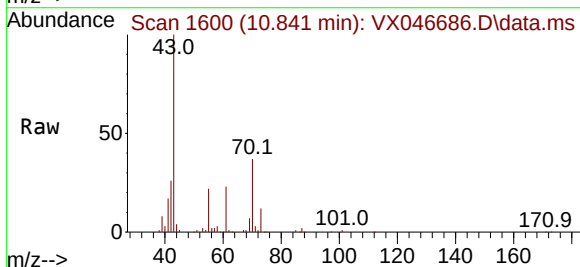
Manual Integrations
APPROVED

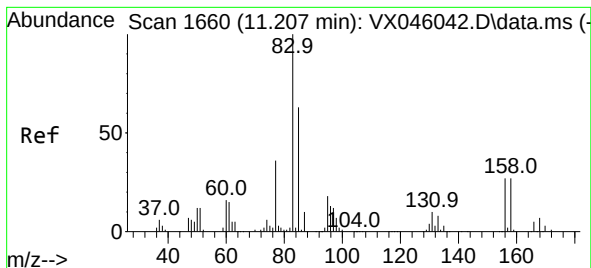
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#74
N-ethyl acetate
Concen: 20.528 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

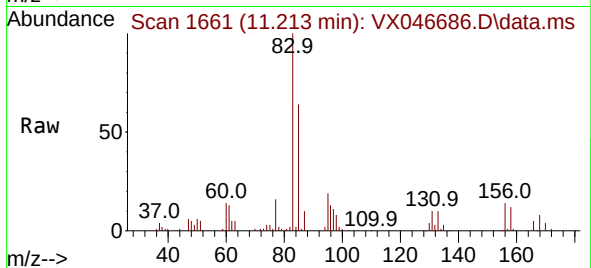
Tgt Ion: 43 Resp: 39264
Ion Ratio Lower Upper
43 100
70 38.9 30.9 46.3
55 23.7 18.7 28.1
61 22.8 17.1 25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.986 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

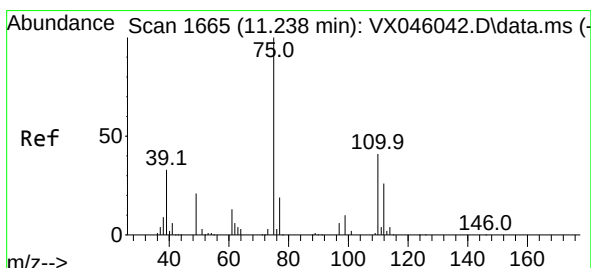
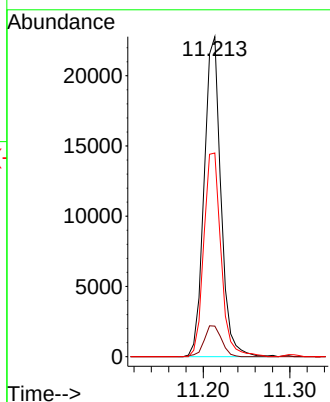
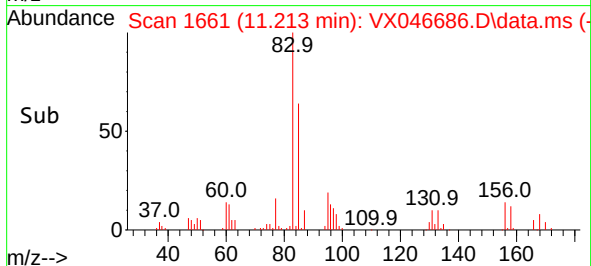
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



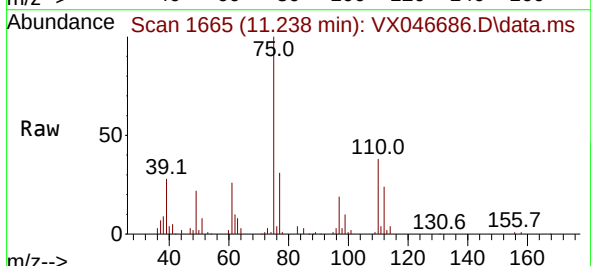
Tgt Ion: 83 Resp: 3056
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 65.5 31.9 95.7

Manual Integrations
APPROVED

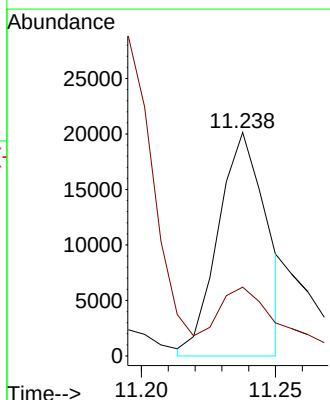
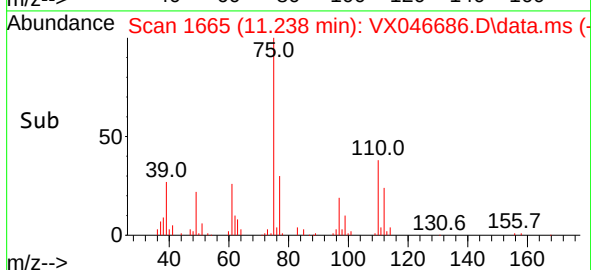
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

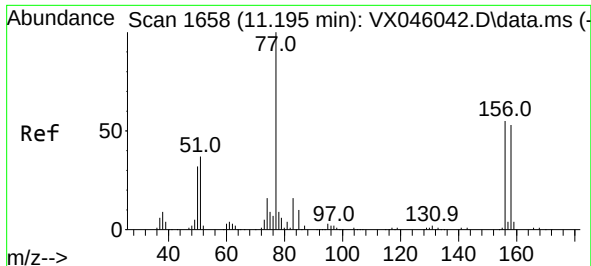


#76
1,2,3-Trichloropropane
Concen: 21.530 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09



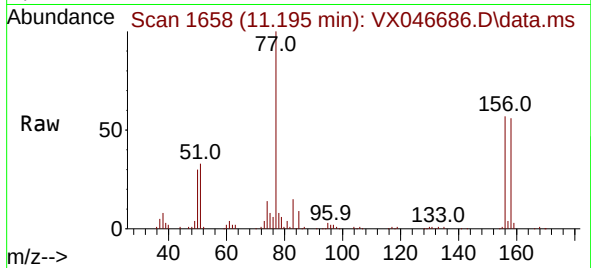
Tgt Ion: 75 Resp: 25197
Ion Ratio Lower Upper
75 100
77 41.5 20.5 61.5





#77
Bromobenzene
Concen: 21.452 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

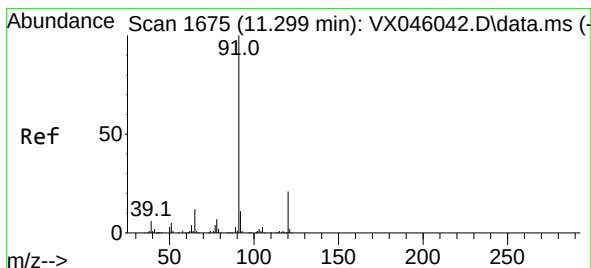
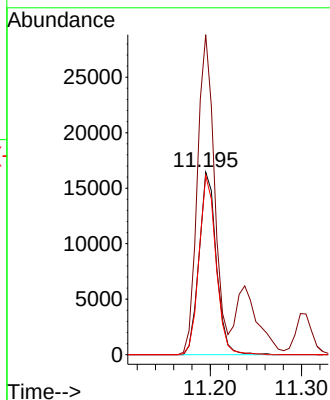
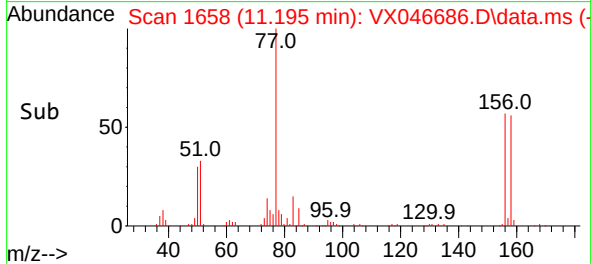
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



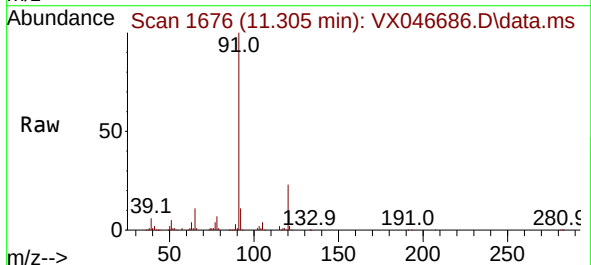
Tgt Ion:156 Resp: 2162
Ion Ratio Lower Upper
156 100
77 173.1 92.8 278.3
158 96.7 48.8 146.3

Manual Integrations
APPROVED

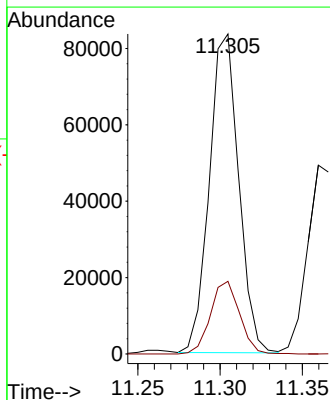
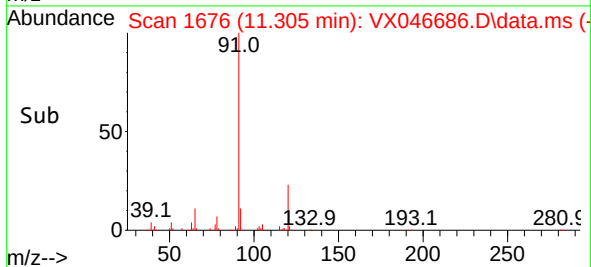
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

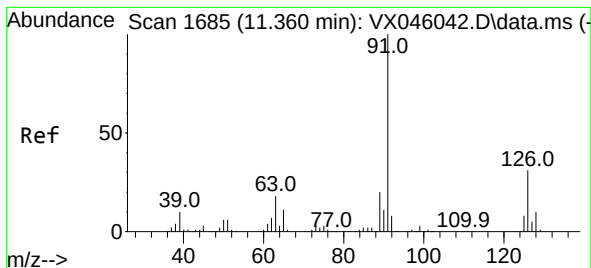


#78
n-propylbenzene
Concen: 19.722 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09



Tgt Ion: 91 Resp: 103680
Ion Ratio Lower Upper
91 100
120 22.6 10.8 32.4





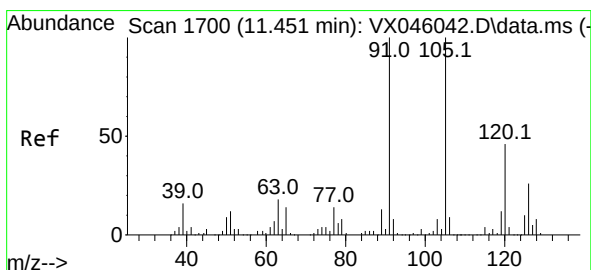
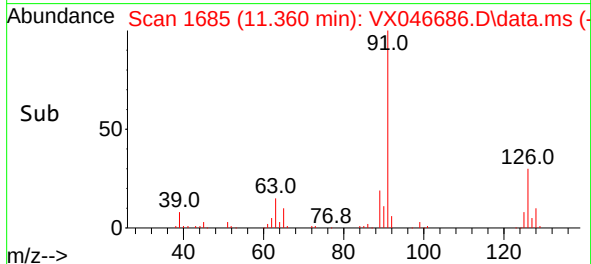
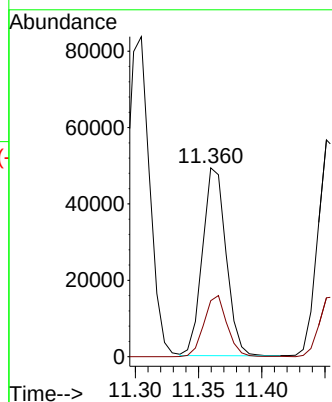
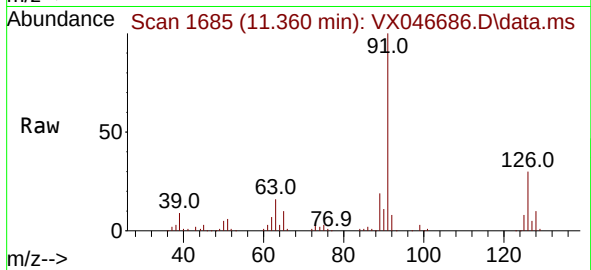
#79
2-Chlorotoluene
Concen: 20.224 ug/l
RT: 11.360 min Scan# 1136
Delta R.T. -0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02

Tgt Ion: 91 Resp: 6411
Ion Ratio Lower Upper
91 100
126 31.8 15.6 46.7

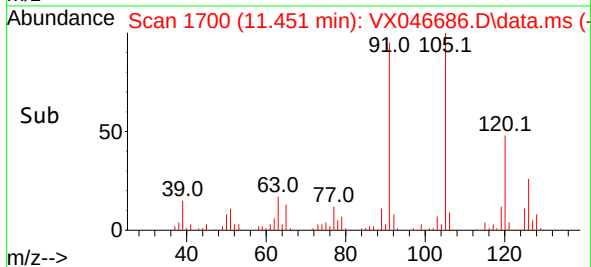
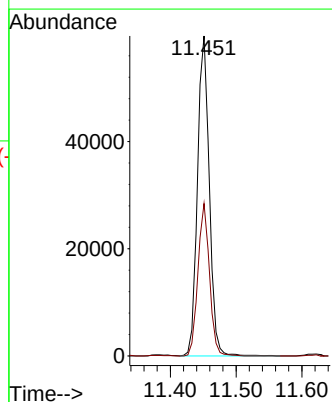
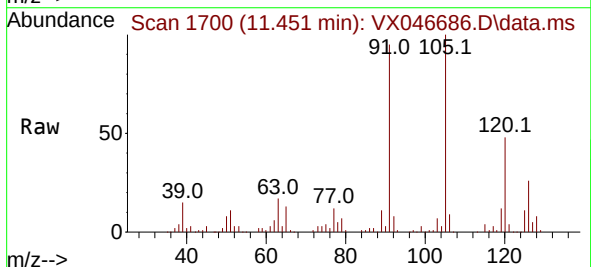
Manual Integrations
APPROVED

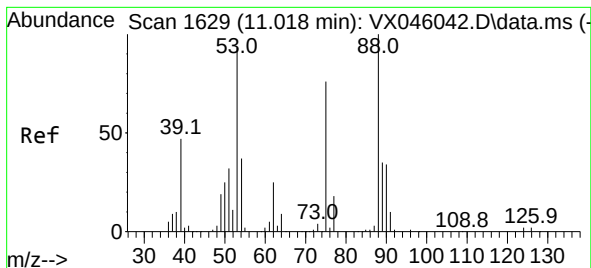
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.580 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

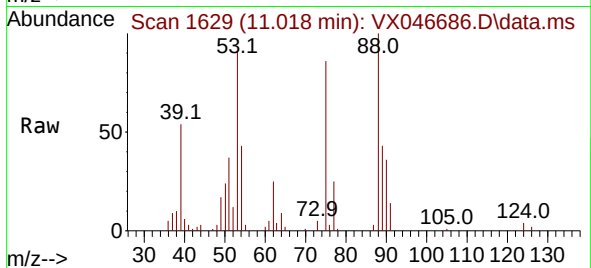
Tgt Ion:105 Resp: 74487
Ion Ratio Lower Upper
105 100
120 46.6 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.774 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

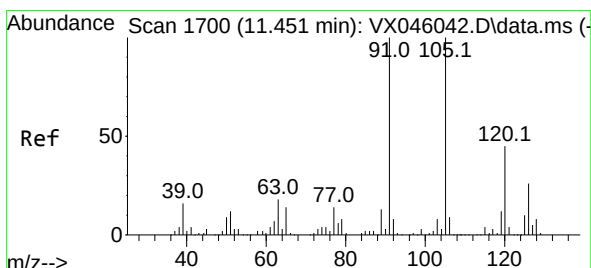
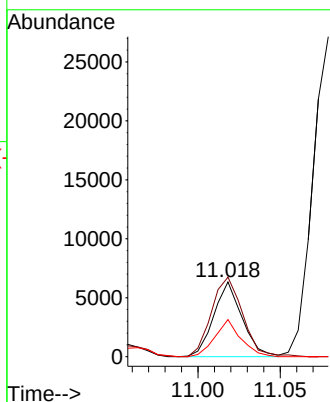
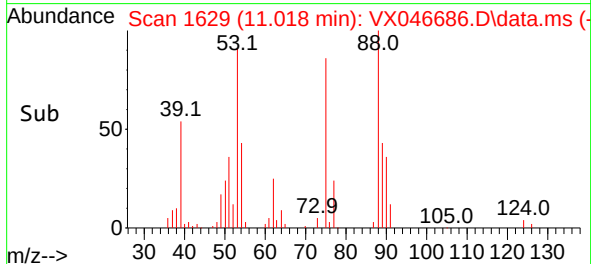
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



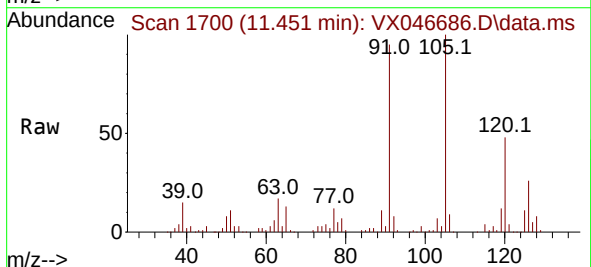
Tgt Ion: 75 Resp: 761
Ion Ratio Lower Upper
75 100
53 116.6 100.5 150.7
89 45.3 37.0 55.6

Manual Integrations
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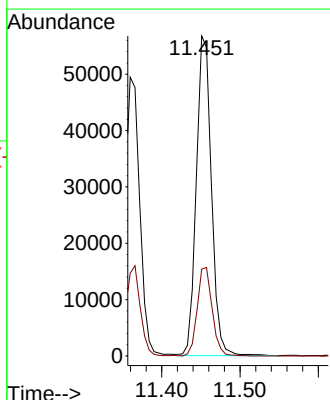
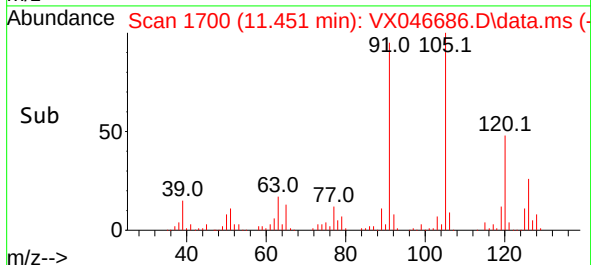
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

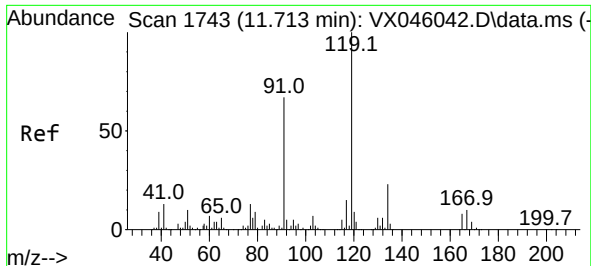


#82
4-Chlorotoluene
Concen: 20.271 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09



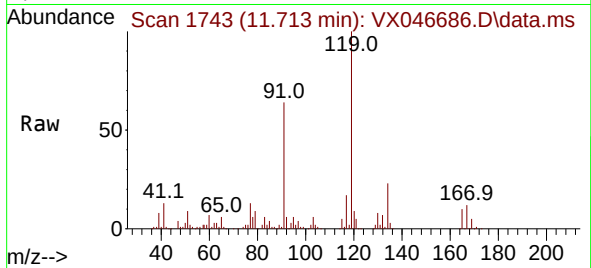
Tgt Ion: 91 Resp: 76170
Ion Ratio Lower Upper
91 100
126 27.3 13.3 39.8





#83
tert-Butylbenzene
Concen: 20.576 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

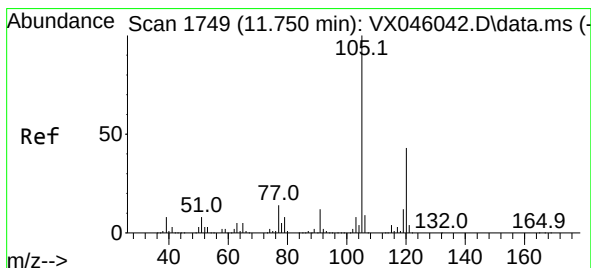
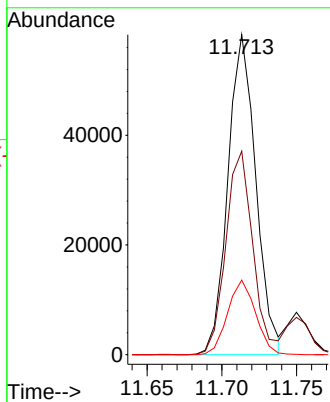
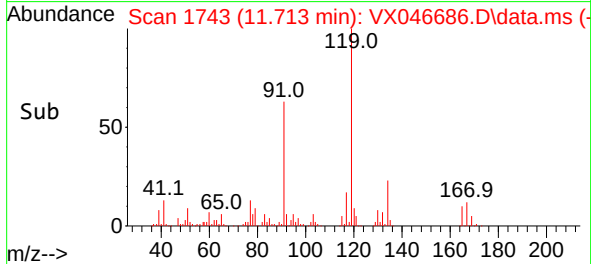
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



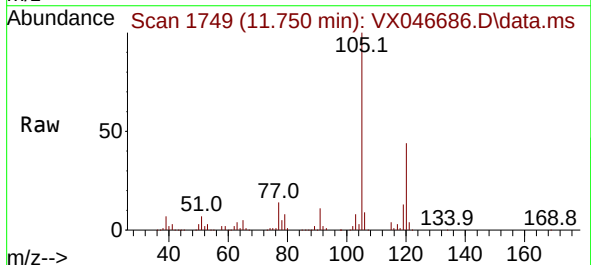
Tgt Ion:119 Resp: 7581
Ion Ratio Lower Upper
119 100
91 61.9 32.9 98.7
134 23.3 11.4 34.1

Manual Integrations
APPROVED

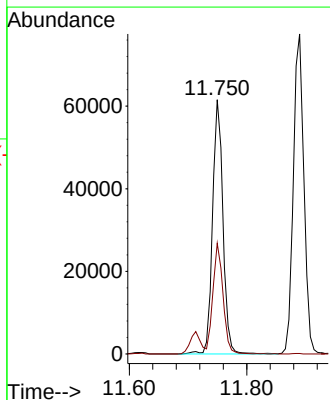
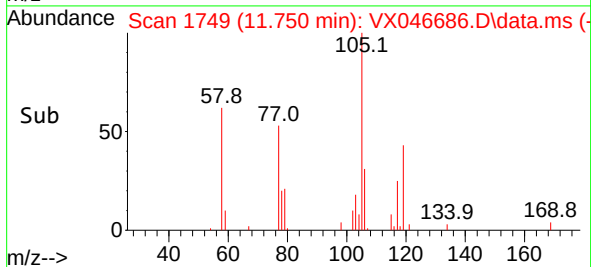
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

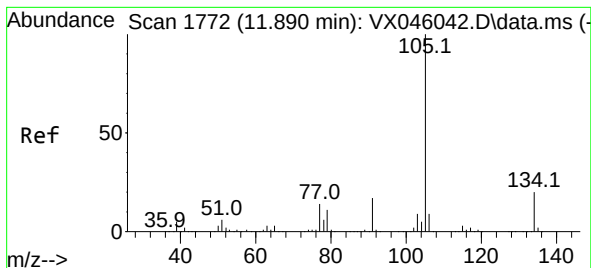


#84
1,2,4-Trimethylbenzene
Concen: 20.691 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09



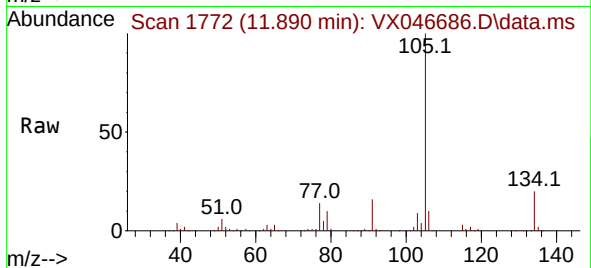
Tgt Ion:105 Resp: 75759
Ion Ratio Lower Upper
105 100
120 42.2 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 20.452 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046686.D
 Acq: 13 Jun 2025 14:09

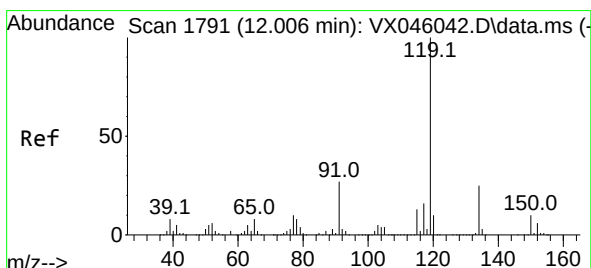
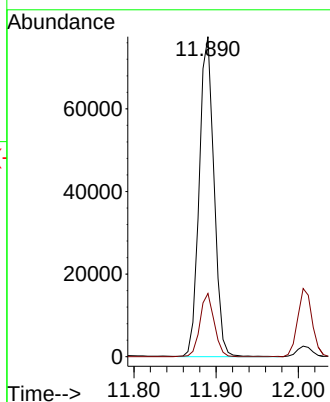
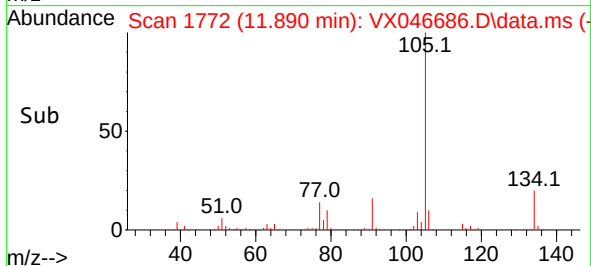
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0613WBSD02



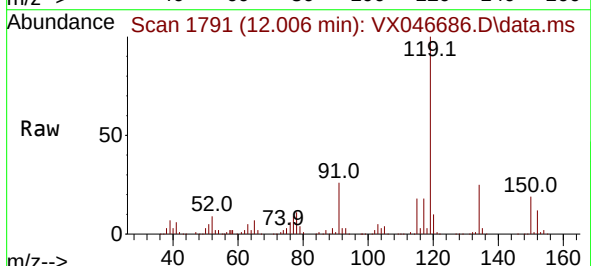
Tgt Ion:105 Resp: 9682
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1

Manual Integrations
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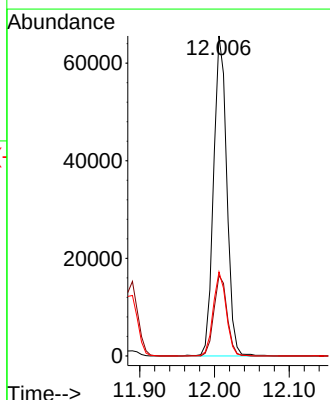
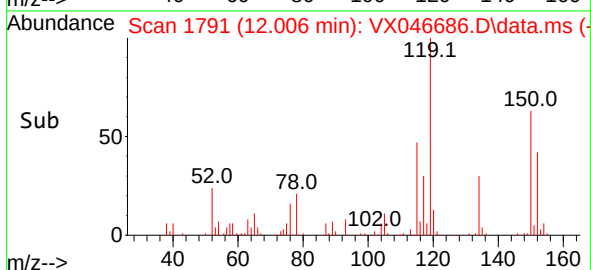
Reviewed By :John Carlone 06/16/2025
 Supervised By :Mahesh Dadoda 06/16/2025

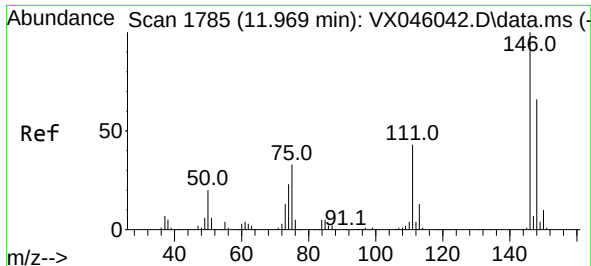


#86
 p-Isopropyltoluene
 Concen: 20.399 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046686.D
 Acq: 13 Jun 2025 14:09



Tgt Ion:119 Resp: 80510
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.5 37.5
 91 25.9 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 21.013 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

Tgt Ion:146 Resp: 4113

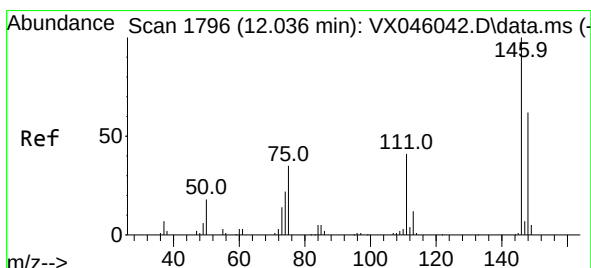
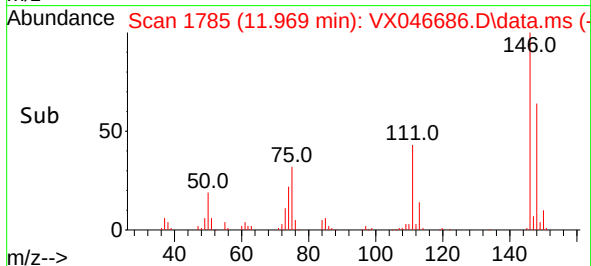
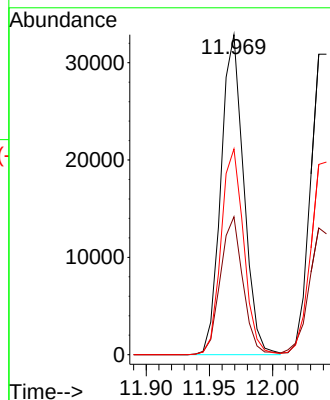
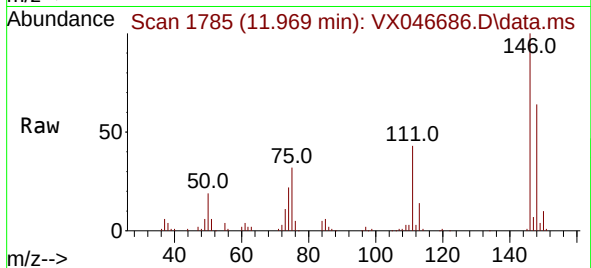
Ion	Ratio	Lower	Upper
146	100		
111	42.8	22.1	66.3
148	64.0	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#88

1,4-Dichlorobenzene

Concen: 20.846 ug/l

RT: 12.042 min Scan# 1797

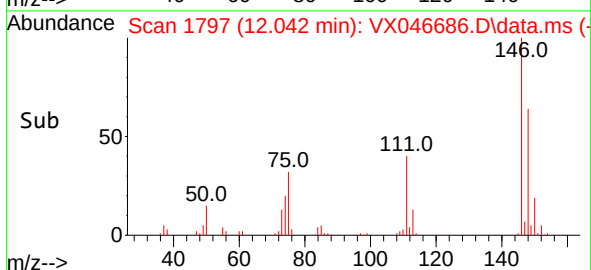
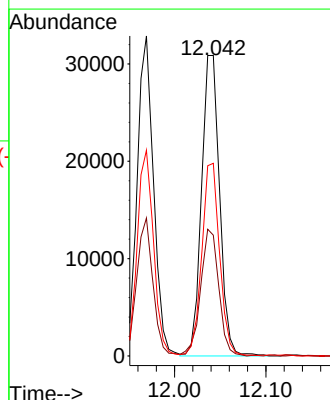
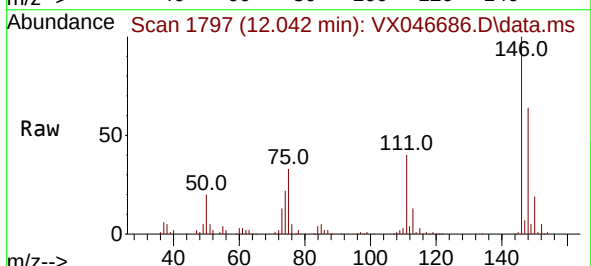
Delta R.T. 0.000 min

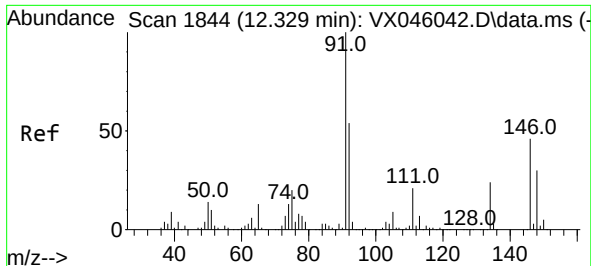
Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Tgt Ion:146 Resp: 42288

Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.9
148	63.4	31.9	95.5





#89

n-Butylbenzene

Concen: 19.793 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Instrument :

MSVOA_X

ClientSampleId :

VX0613WBSD02

Tgt Ion: 91 Resp: 76714

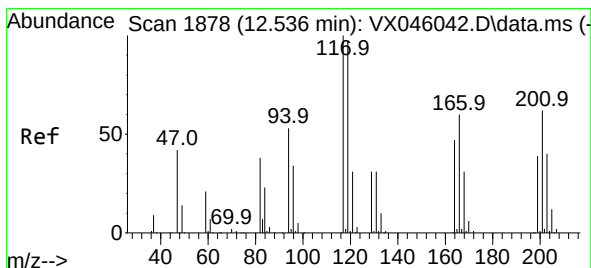
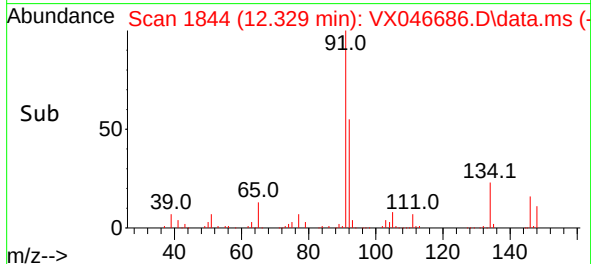
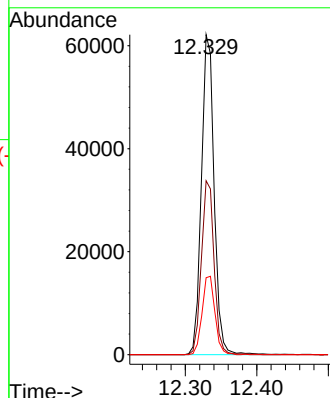
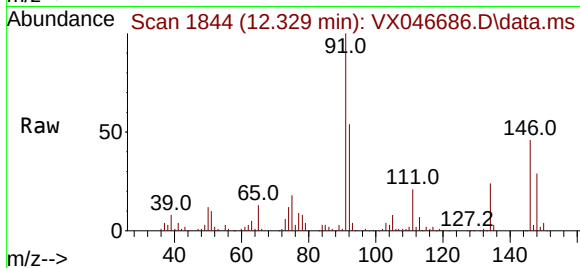
Ion	Ratio	Lower	Upper
91	100		
92	54.3	26.9	80.7
134	24.8	11.8	35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2025

Supervised By :Mahesh Dadoda 06/16/2025



#90

Hexachloroethane

Concen: 19.767 ug/l

RT: 12.536 min Scan# 1878

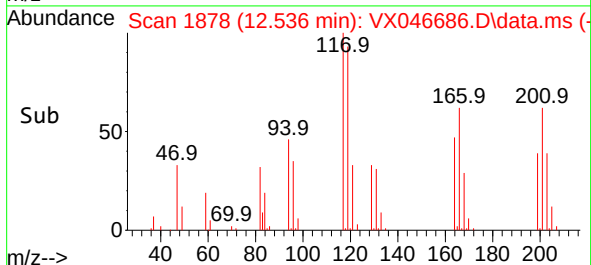
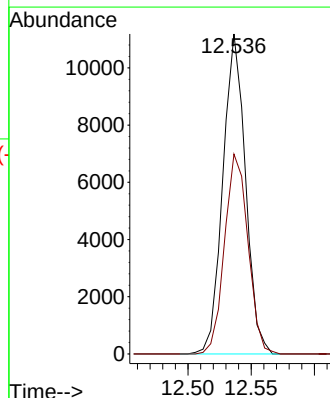
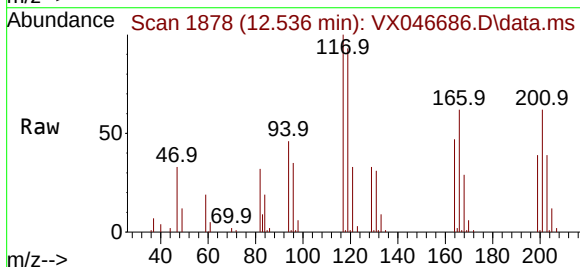
Delta R.T. 0.000 min

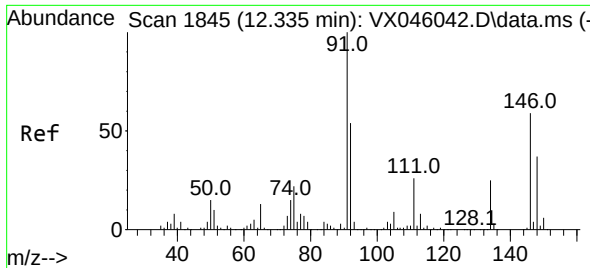
Lab File: VX046686.D

Acq: 13 Jun 2025 14:09

Tgt Ion:117 Resp: 13866

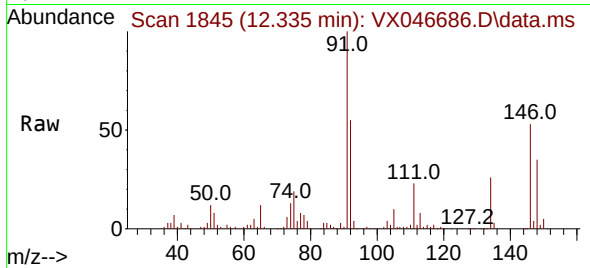
Ion	Ratio	Lower	Upper
117	100		
201	64.8	31.6	94.7





#91
1,2-Dichlorobenzene
Concen: 21.613 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

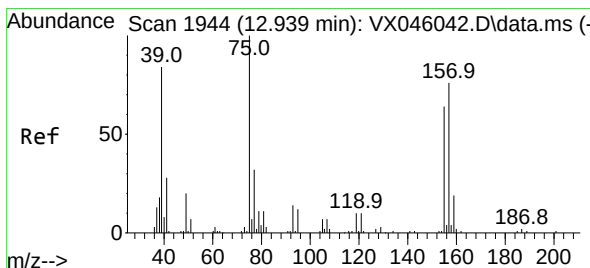
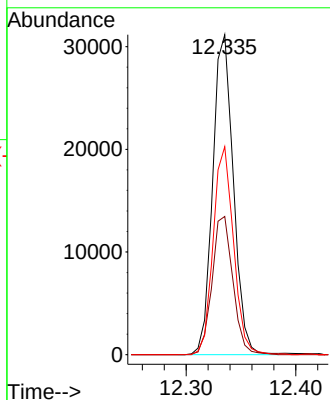
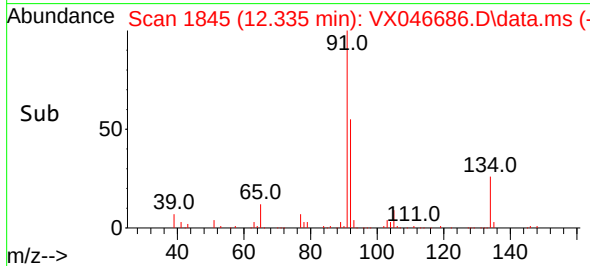
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



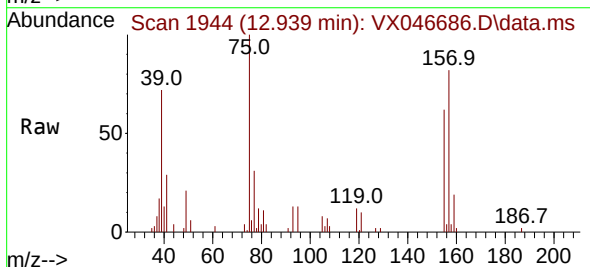
Tgt Ion:146 Resp: 4084
Ion Ratio Lower Upper
146 100
111 43.6 22.4 67.3
148 64.1 31.6 94.8

Manual Integrations
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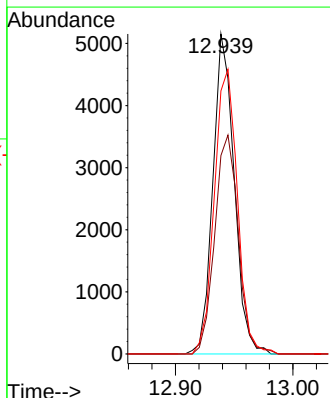
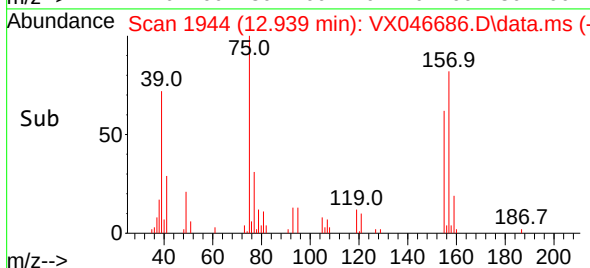
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

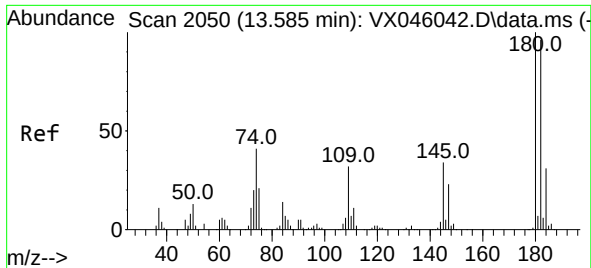


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.827 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09



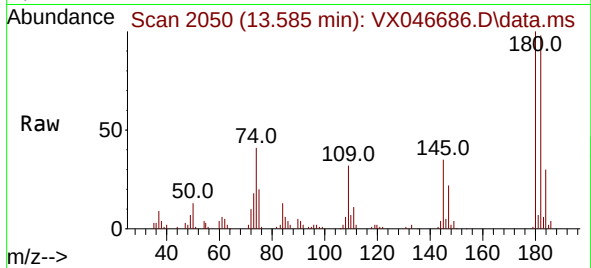
Tgt Ion: 75 Resp: 6484
Ion Ratio Lower Upper
75 100
155 75.8 34.9 104.8
157 96.5 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 20.601 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

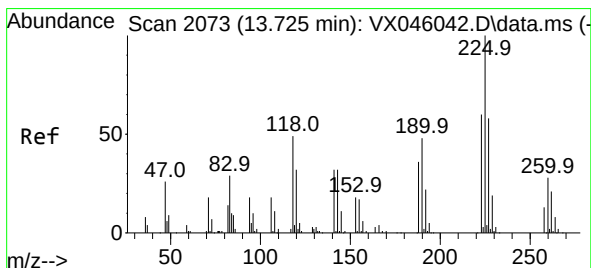
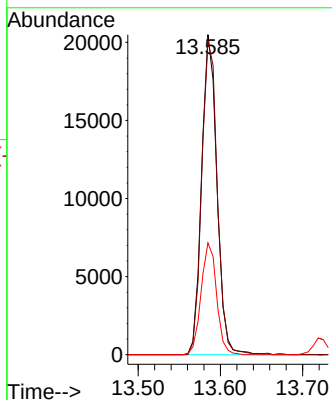
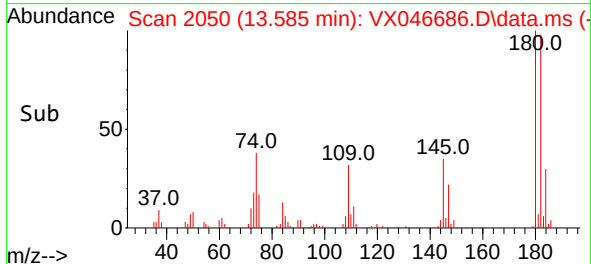
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



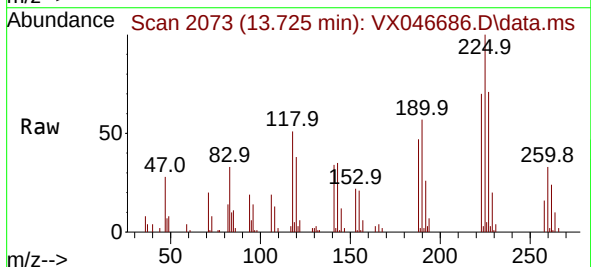
Tgt Ion:180 Resp: 26550
Ion Ratio Lower Upper
180 100
182 99.4 47.9 143.8
145 35.1 17.1 51.2

Manual Integrations
APPROVED

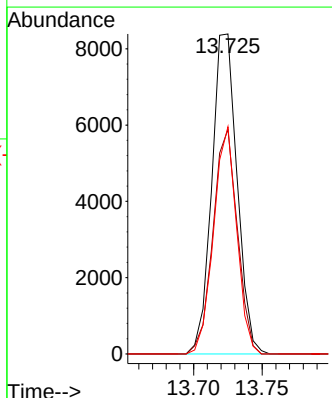
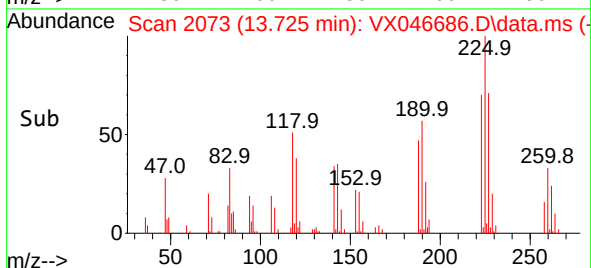
Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025

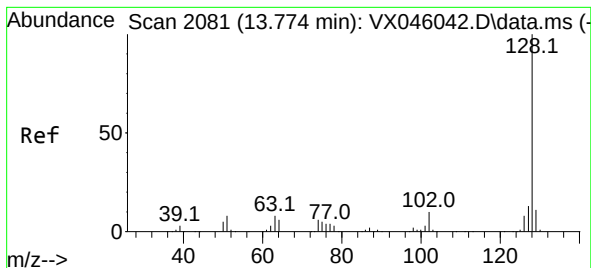


#94
Hexachlorobutadiene
Concen: 17.996 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09



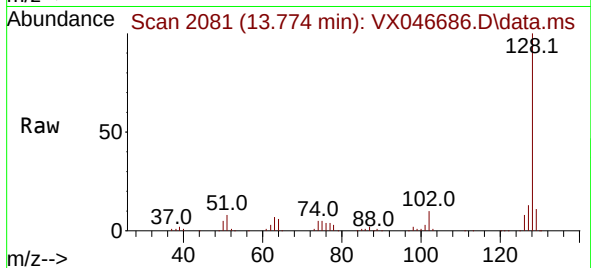
Tgt Ion:225 Resp: 10781
Ion Ratio Lower Upper
225 100
223 67.6 30.8 92.4
227 64.6 30.9 92.7





#95
Naphthalene
Concen: 21.304 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09

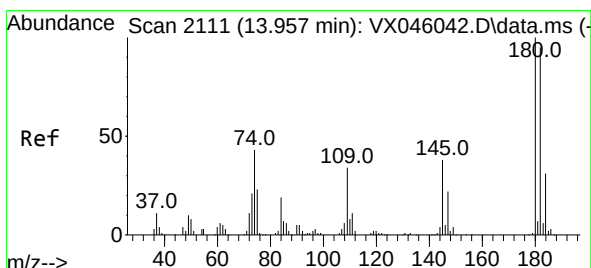
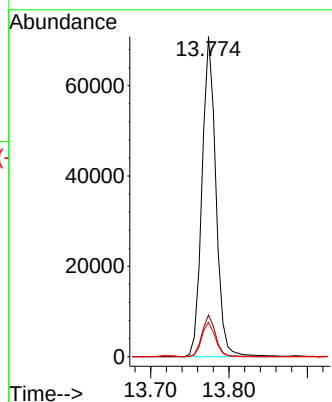
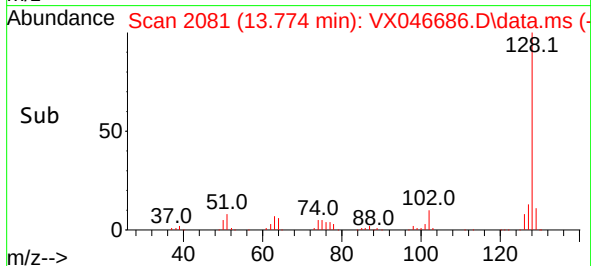
Instrument :
MSVOA_X
ClientSampleId :
VX0613WBSD02



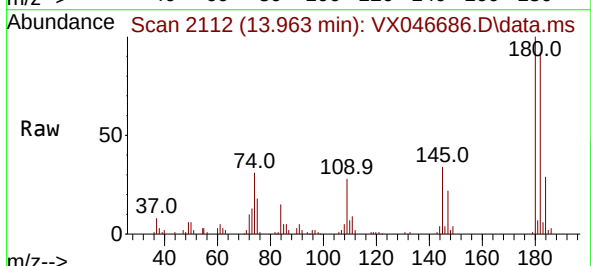
Tgt Ion:128 Resp: 87088
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2025
Supervised By :Mahesh Dadoda 06/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.770 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046686.D
Acq: 13 Jun 2025 14:09



Tgt Ion:180 Resp: 26847
Ion Ratio Lower Upper
180 100
182 94.6 47.8 143.3
145 36.2 18.1 54.3

