

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044952.D
 Acq On : 14 Feb 2025 11:40
 Operator : JC/MD
 Sample : VX0214WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2025
 Supervised By : Mahesh Dadoda 02/19/2025

Quant Time: Feb 14 22:12:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	103875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	164889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	77707	51.105	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.200%			
35) Dibromofluoromethane	5.379	113	60838	50.582	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.160%			
50) Toluene-d8	8.647	98	226624	49.828	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.660%			
62) 4-Bromofluorobenzene	11.079	95	81007	52.833	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.660%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27927	19.169	ug/l	99
3) Chloromethane	1.301	50	32990	18.605	ug/l	96
4) Vinyl Chloride	1.374	62	30252	17.611	ug/l	100
5) Bromomethane	1.593	94	11122	21.636	ug/l	97
6) Chloroethane	1.666	64	16528	22.848	ug/l	100
7) Trichlorofluoromethane	1.874	101	42055	19.359	ug/l	98
8) Diethyl Ether	2.130	74	15615	19.820	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	26009	19.816	ug/l	99
10) Methyl Iodide	2.447	142	32276	18.974	ug/l	97
11) Tert butyl alcohol	2.971	59	29076	103.075	ug/l	99
12) 1,1-Dichloroethene	2.313	96	24273	18.130	ug/l	97
13) Acrolein	2.233	56	31135	106.978	ug/l	98
14) Allyl chloride	2.660	41	45037	18.613	ug/l	98
15) Acrylonitrile	3.062	53	78868	104.716	ug/l	99
16) Acetone	2.380	43	64564	105.623	ug/l	96
17) Carbon Disulfide	2.508	76	60307	16.426	ug/l	100
18) Methyl Acetate	2.697	43	41481	21.504	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	84252	19.778	ug/l	99
20) Methylene Chloride	2.782	84	28525	19.052	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	24497	18.590	ug/l	100
22) Diisopropyl ether	3.757	45	91929	20.082	ug/l	94
23) Vinyl Acetate	3.715	43	372164	99.722	ug/l	99
24) 1,1-Dichloroethane	3.605	63	50075	19.550	ug/l	99
25) 2-Butanone	4.556	43	105945	106.736	ug/l	97
26) 2,2-Dichloropropane	4.465	77	37106	18.267	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	30448	19.237	ug/l	99
28) Bromochloromethane	4.891	49	22191	18.027	ug/l	100
29) Tetrahydrofuran	5.001	42	68840	104.445	ug/l	99
30) Chloroform	5.093	83	49641	19.984	ug/l	96
31) Cyclohexane	5.458	56	44062	18.660	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	40495	19.219	ug/l	98
36) 1,1-Dichloropropene	5.684	75	32376	18.658	ug/l	99
37) Ethyl Acetate	4.715	43	40204	20.830	ug/l	99
38) Carbon Tetrachloride	5.666	117	33498	19.700	ug/l	93
39) Methylcyclohexane	7.373	83	44129	19.671	ug/l	98
40) Benzene	6.031	78	106024	19.567	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	23036	22.298	ug/l	98
42) 1,2-Dichloroethane	6.080	62	37652	21.803	ug/l	100
43) Isopropyl Acetate	6.336	43	64357	20.648	ug/l	98
44) Trichloroethene	7.123	130	24052	19.420	ug/l	96
45) 1,2-Dichloropropane	7.427	63	26311	19.518	ug/l	99
46) Dibromomethane	7.580	93	19515	20.875	ug/l	98
47) Bromodichloromethane	7.818	83	37748	20.853	ug/l	97
48) Methyl methacrylate	7.690	41	31848	21.671	ug/l	97
49) 1,4-Dioxane	7.659	88	13982	443.448	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	219588	115.888	ug/l	97
52) Toluene	8.714	92	63830	19.780	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	35347	19.296	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	40620	19.889	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	26556	21.408	ug/l	98
56) Ethyl methacrylate	9.116	69	41272	20.600	ug/l	99
57) 1,3-Dichloropropane	9.305	76	45713	21.061	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	99532	101.176	ug/l	99
59) 2-Hexanone	9.427	43	159284	116.671	ug/l	99
60) Dibromochloromethane	9.519	129	28129	21.203	ug/l	97
61) 1,2-Dibromoethane	9.604	107	27025	21.494	ug/l	97
64) Tetrachloroethene	9.269	164	21103	20.294	ug/l	96
65) Chlorobenzene	10.073	112	70853	20.006	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	22743	19.951	ug/l	98
67) Ethyl Benzene	10.189	91	122687	19.631	ug/l	100
68) m/p-Xylenes	10.299	106	92530	40.136	ug/l	99
69) o-Xylene	10.640	106	45891	19.838	ug/l	97
70) Styrene	10.652	104	77302	20.741	ug/l	99
71) Bromoform	10.799	173	18090	21.264	ug/l #	100
73) Isopropylbenzene	10.957	105	117063	18.691	ug/l	99
74) N-amyl acetate	10.841	43	55559	19.604	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	42130	19.576	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	34055m	19.747	ug/l	
77) Bromobenzene	11.195	156	27335	19.251	ug/l	99
78) n-propylbenzene	11.299	91	138085	19.101	ug/l	100
79) 2-Chlorotoluene	11.360	91	84337	18.982	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	98051	19.292	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11059	16.496	ug/l	89
82) 4-Chlorotoluene	11.451	91	94538	19.233	ug/l	99
83) tert-Butylbenzene	11.713	119	99538	19.359	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	100112	19.957	ug/l	100
85) sec-Butylbenzene	11.890	105	126113	19.808	ug/l	99
86) p-Isopropyltoluene	12.006	119	103751	20.263	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	50550	19.359	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	51205	19.395	ug/l	99
89) n-Butylbenzene	12.329	91	90481	19.975	ug/l	99
90) Hexachloroethane	12.536	117	17246	17.989	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	52530	20.469	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7941	20.217	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	29608	19.066	ug/l	98
94) Hexachlorobutadiene	13.725	225	12223	19.827	ug/l	98
95) Naphthalene	13.774	128	110366	19.661	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	30613	19.564	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

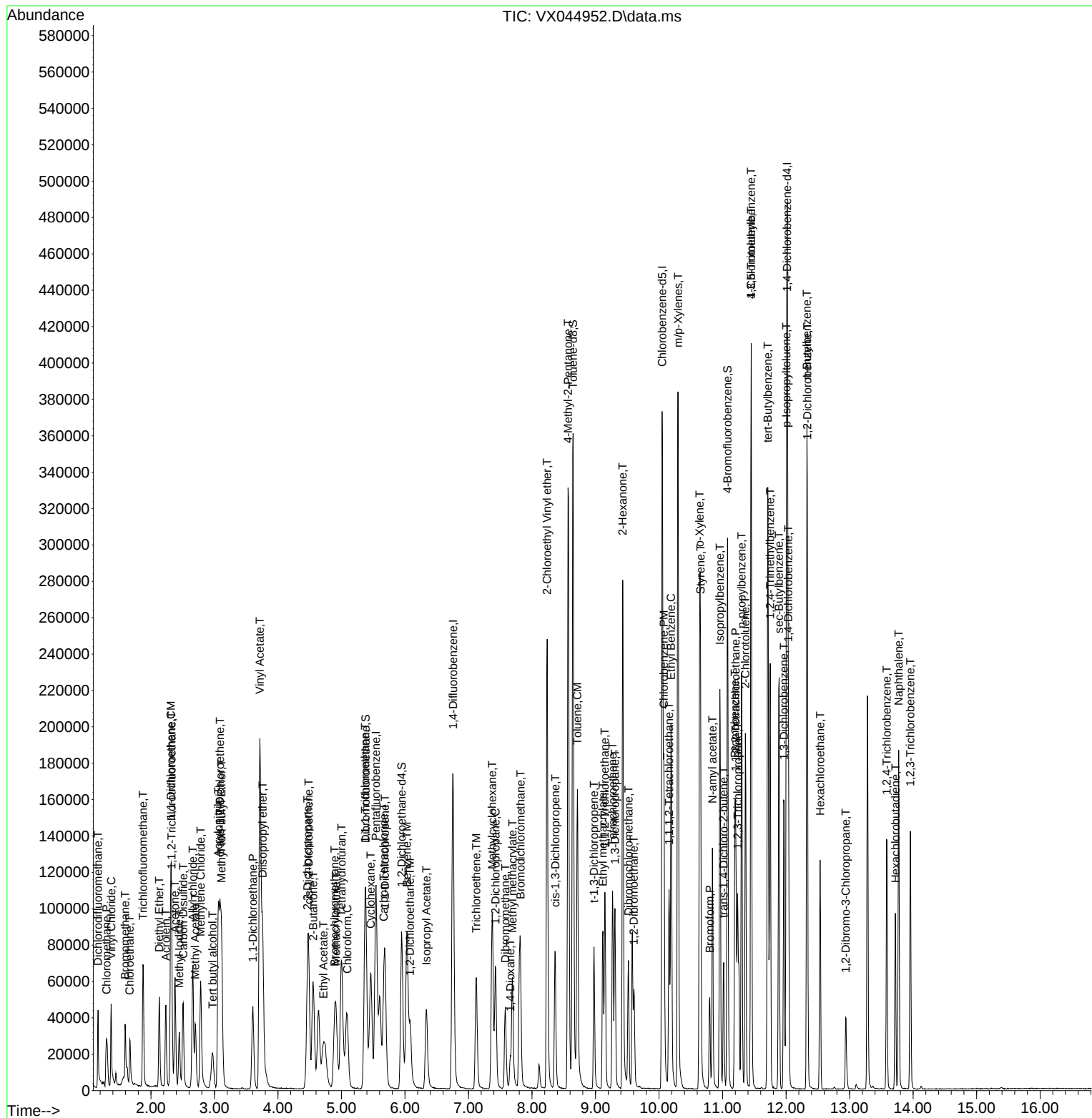
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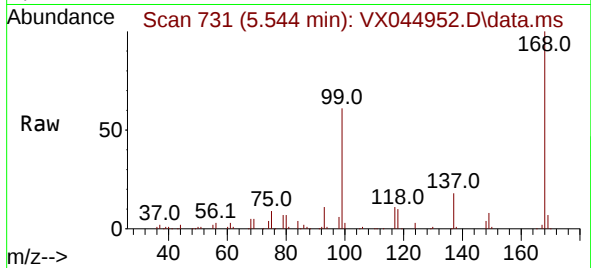
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Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044952.D
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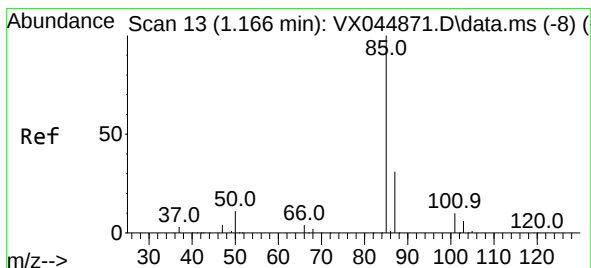
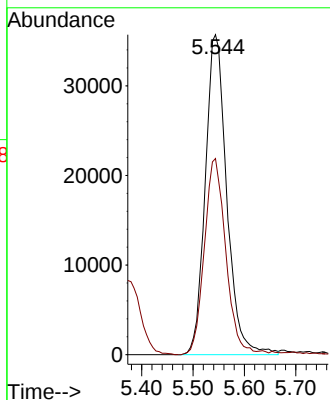
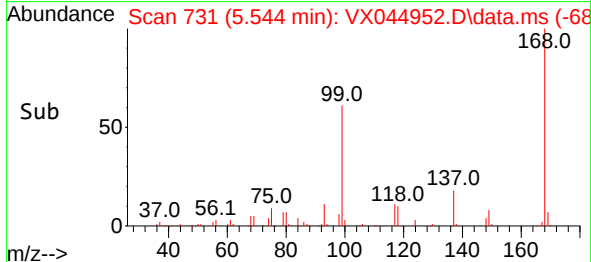
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



Tgt Ion:168 Resp: 103875
Ion Ratio Lower Upper
168 100
99 61.3 51.2 76.8

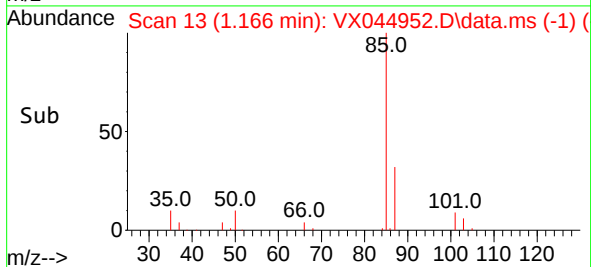
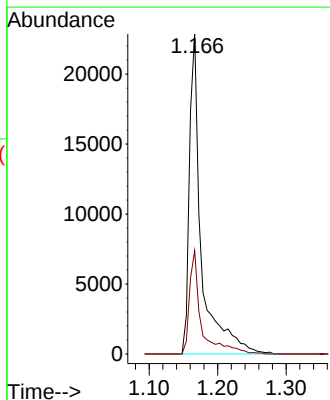
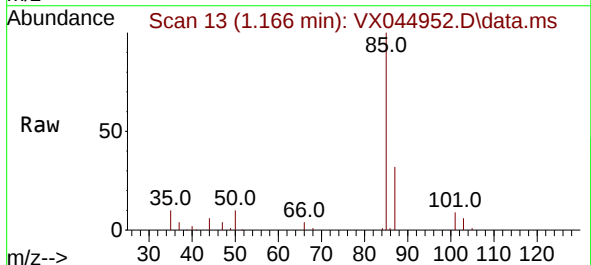
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#2
Dichlorodifluoromethane
Concen: 19.169 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Tgt Ion: 85 Resp: 27927
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.3





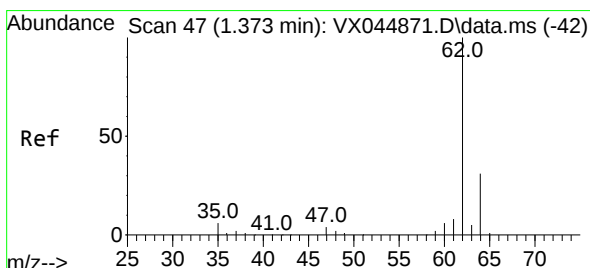
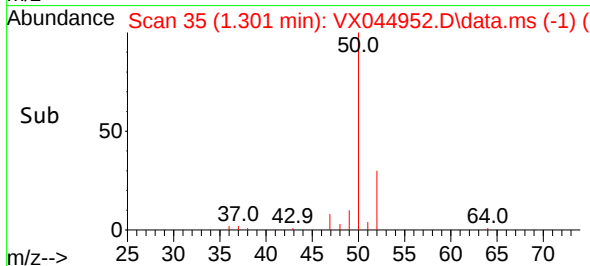
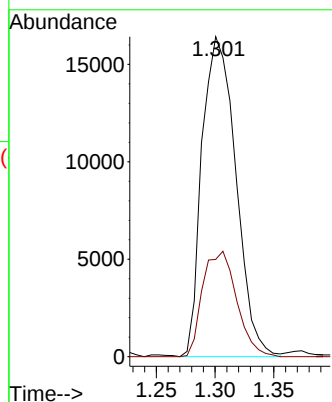
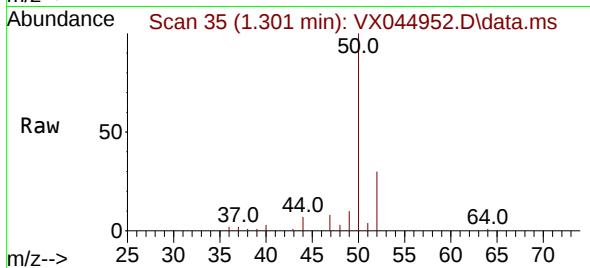
#3
Chloromethane
Concen: 18.605 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tgt Ion: 50 Resp: 32990
Ion Ratio Lower Upper
50 100
52 30.4 25.9 38.9

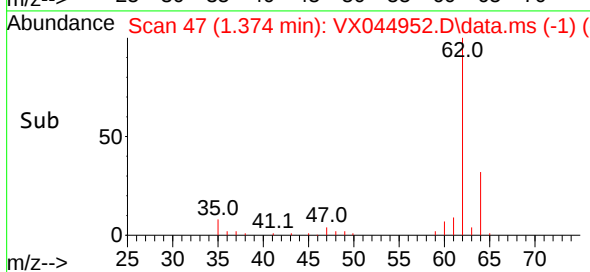
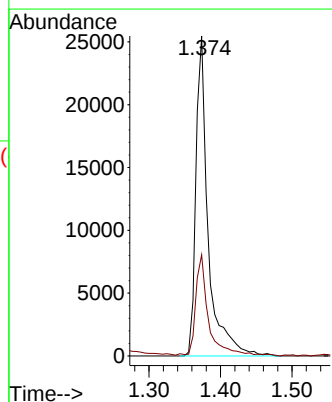
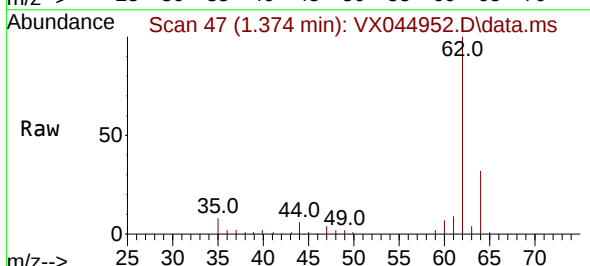
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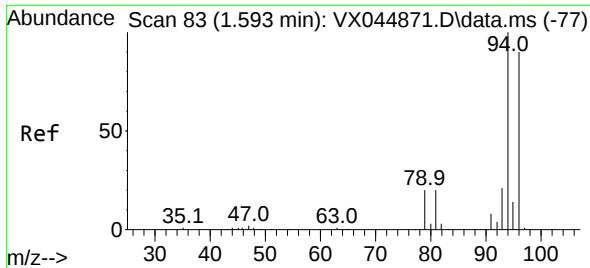
Reviewed By :John Carlone 02/18/2025
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#4
Vinyl Chloride
Concen: 17.611 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

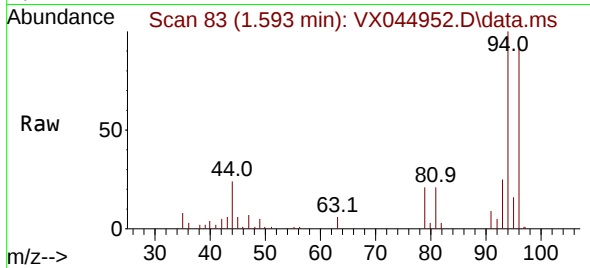
Tgt Ion: 62 Resp: 30252
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0





#5
Bromomethane
Concen: 21.636 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

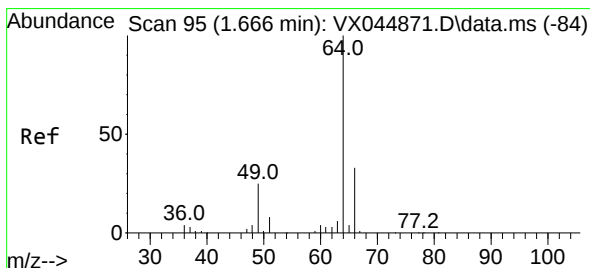
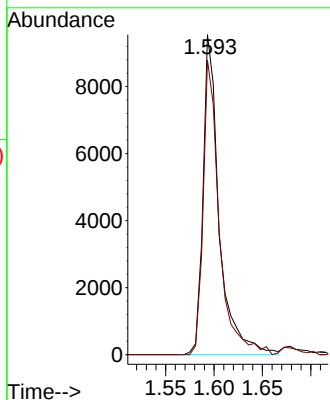
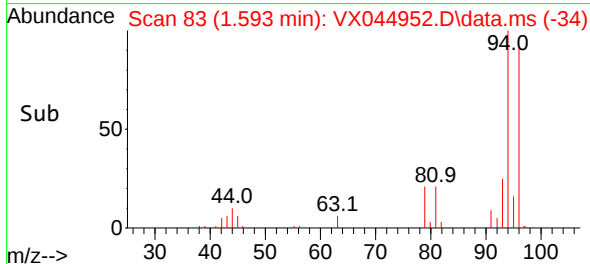
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Tgt Ion: 94 Resp: 1112
Ion Ratio Lower Upper
94 100
96 92.1 71.6 107.4

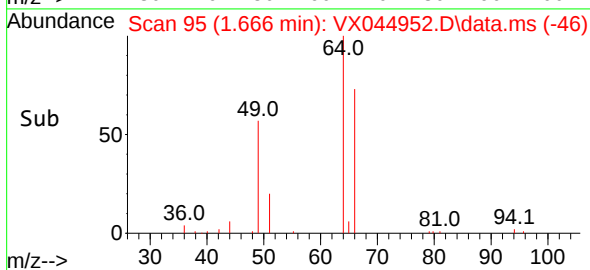
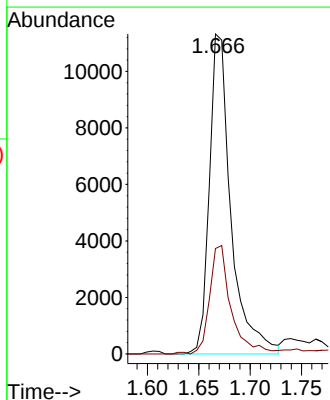
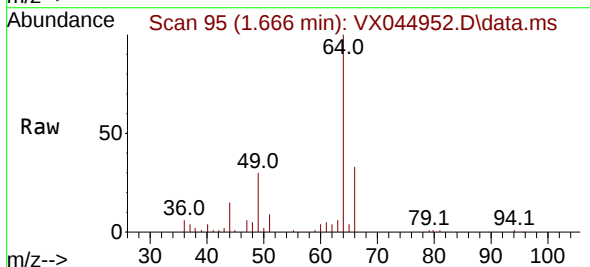
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#6
Chloroethane
Concen: 22.848 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
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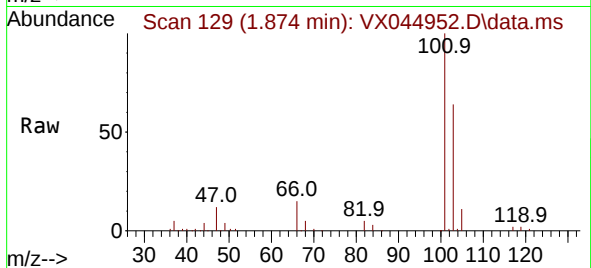
Tgt Ion: 64 Resp: 16528
Ion Ratio Lower Upper
64 100
66 32.5 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 19.359 ug/l
 RT: 1.874 min Scan# 101
 Delta R.T. 0.001 min
 Lab File: VX044952.D
 Acq: 14 Feb 2025 11:40

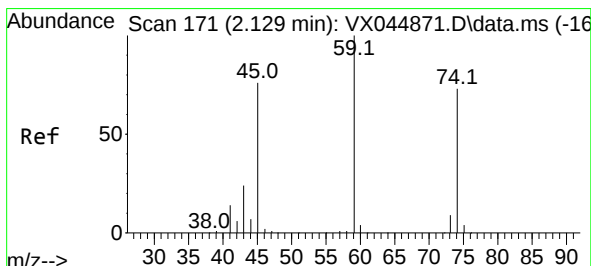
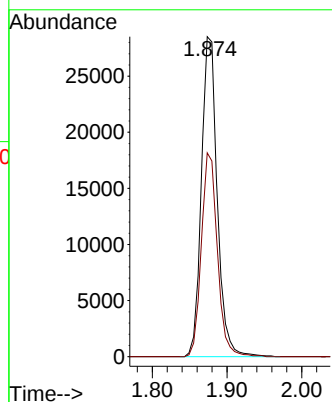
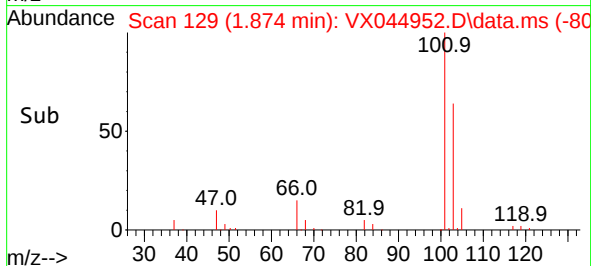
Instrument :
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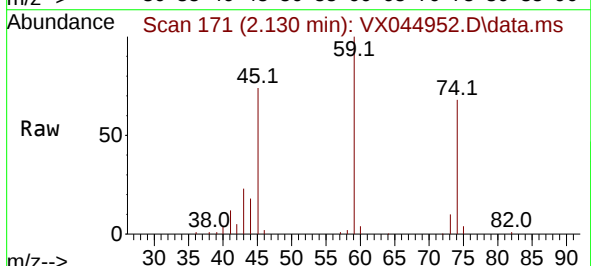
Tgt Ion:101 Resp: 4205
 Ion Ratio Lower Upper
 101 100
 103 63.7 52.4 78.6

Manual Integrations
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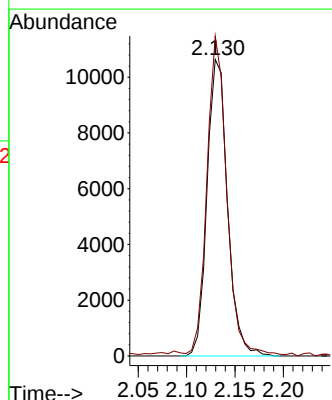
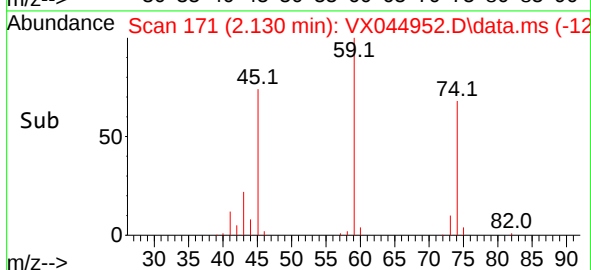
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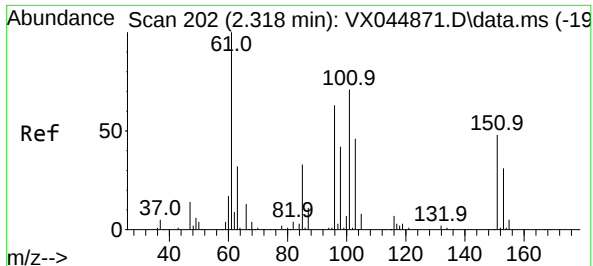


#8
 Diethyl Ether
 Concen: 19.820 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.001 min
 Lab File: VX044952.D
 Acq: 14 Feb 2025 11:40



Tgt Ion: 74 Resp: 15615
 Ion Ratio Lower Upper
 74 100
 45 103.6 51.1 153.4





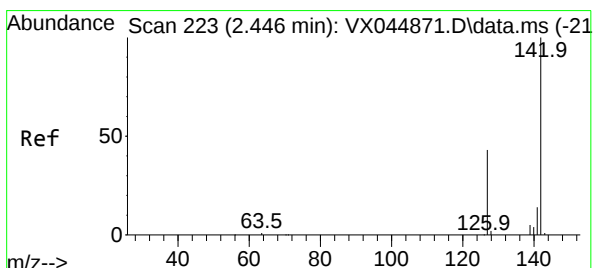
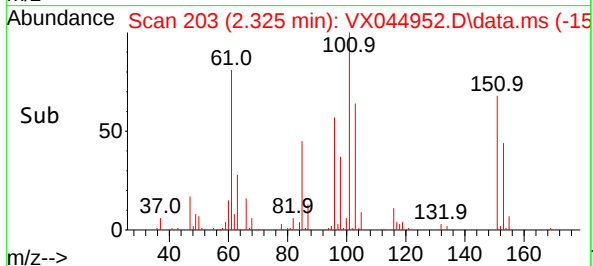
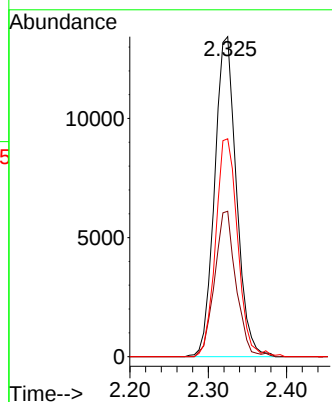
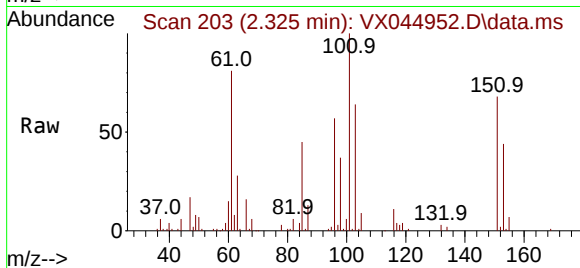
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.816 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tgt Ion:101 Resp: 26009
Ion Ratio Lower Upper
101 100
85 44.5 35.7 53.5
151 68.9 56.0 84.0

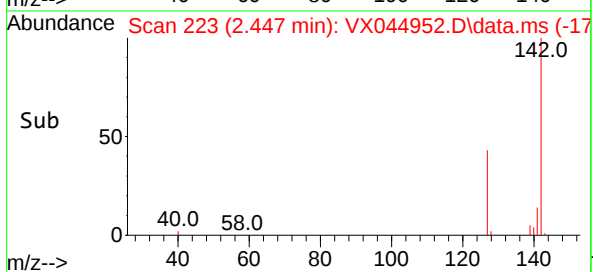
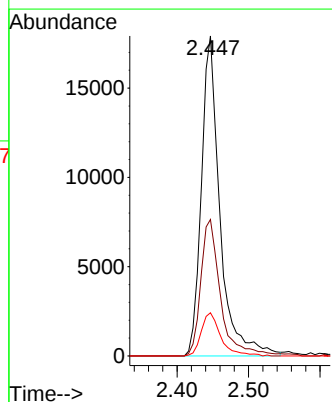
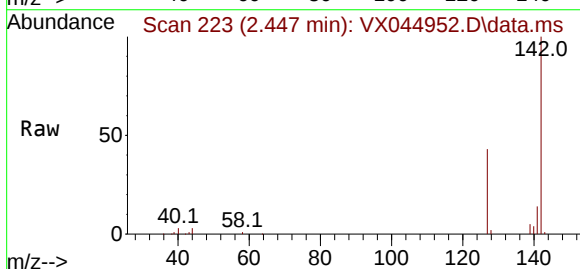
Manual Integrations
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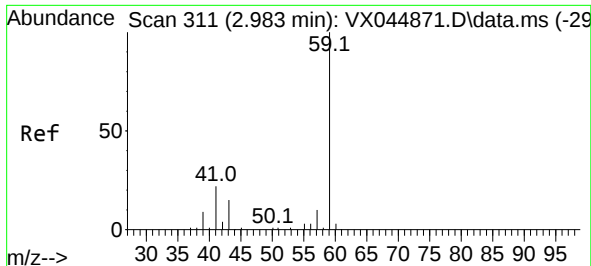
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#10
Methyl Iodide
Concen: 18.974 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Tgt Ion:142 Resp: 32276
Ion Ratio Lower Upper
142 100
127 45.7 34.3 51.5
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 103.075 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.012 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

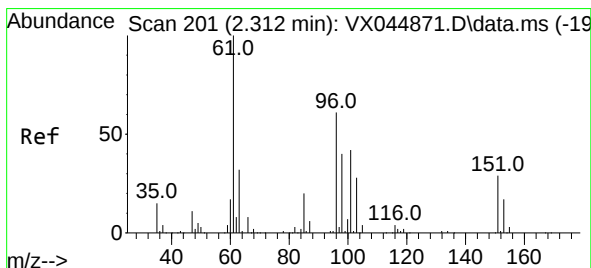
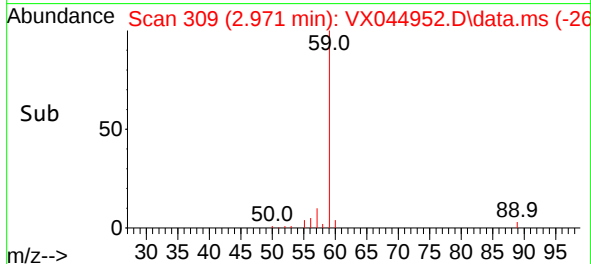
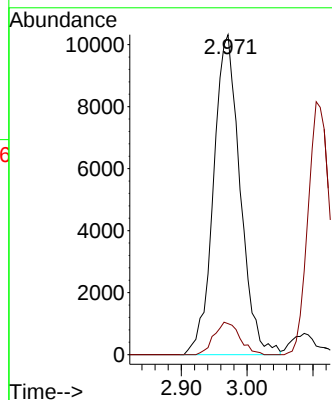
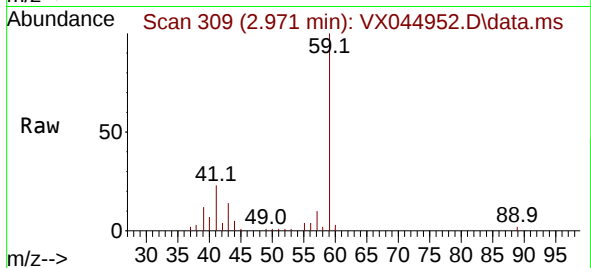
Tgt Ion: 59 Resp: 29070
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.1 12.1

Manual Integrations

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Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#12

1,1-Dichloroethene

Concen: 18.130 ug/l

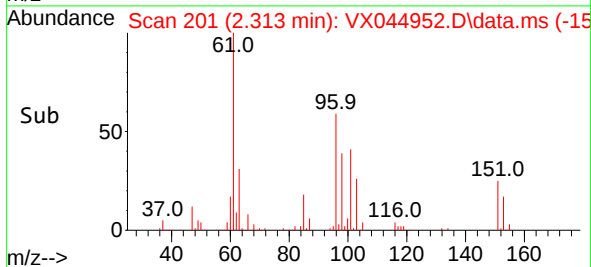
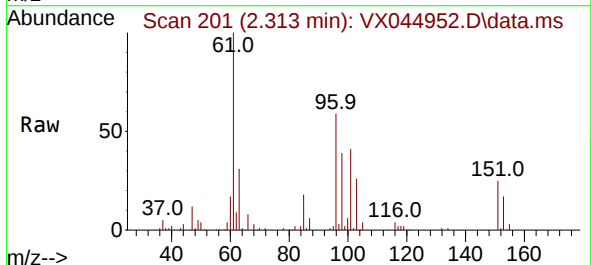
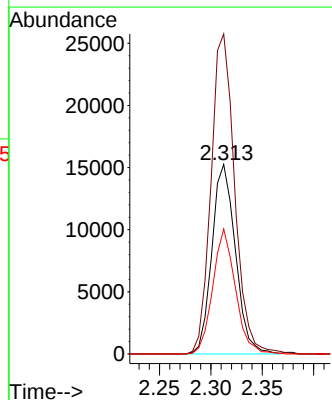
RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

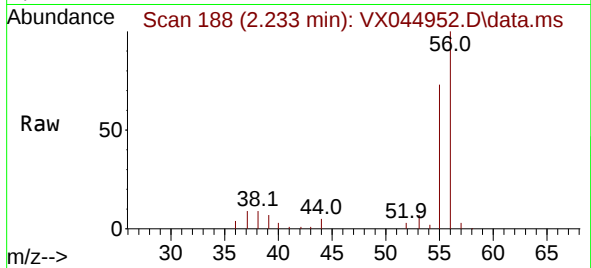
Tgt Ion: 96 Resp: 24273
 Ion Ratio Lower Upper
 96 100
 61 168.8 130.2 195.4
 98 65.9 52.2 78.4





#13
Acrolein
Concen: 106.978 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

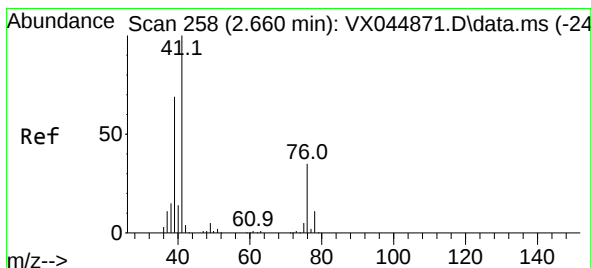
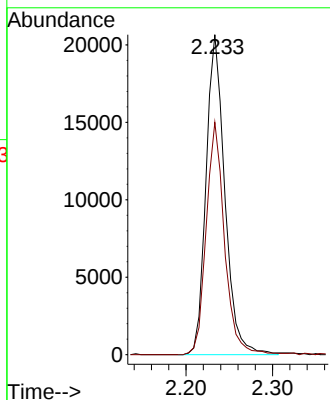
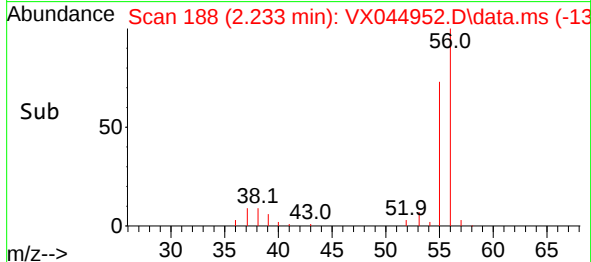
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



Tgt Ion: 56 Resp: 31135
Ion Ratio Lower Upper
56 100
55 71.0 55.7 83.5

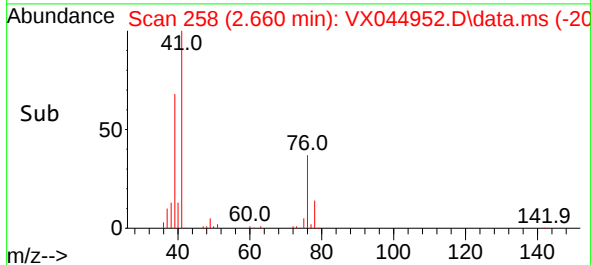
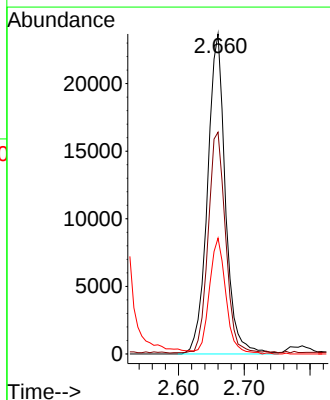
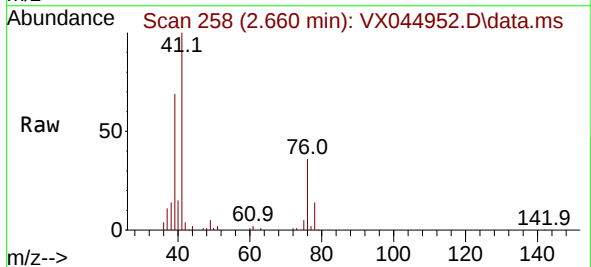
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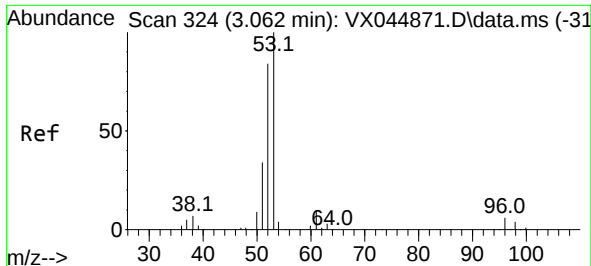
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#14
Allyl chloride
Concen: 18.613 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

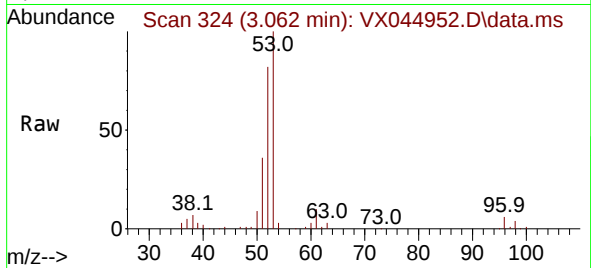
Tgt Ion: 41 Resp: 45037
Ion Ratio Lower Upper
41 100
39 66.8 51.4 77.2
76 33.2 27.0 40.4





#15
Acrylonitrile
Concen: 104.716 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

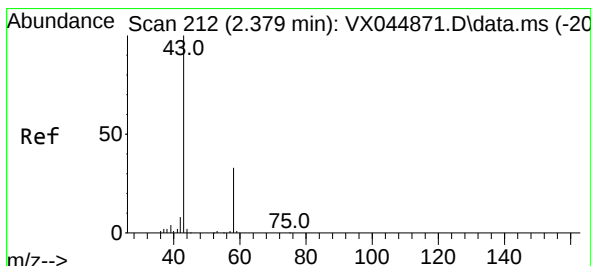
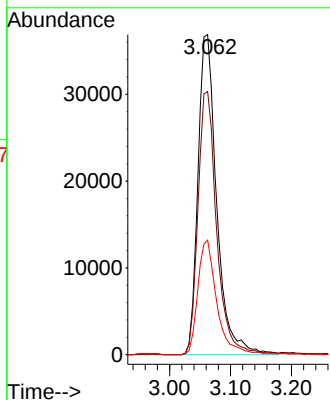
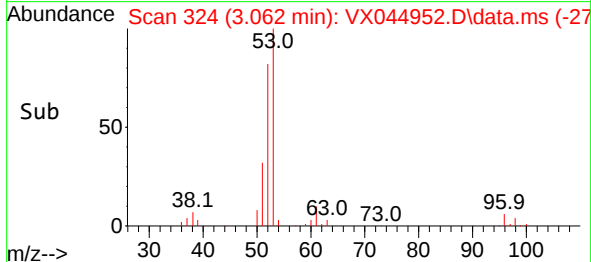
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



Tgt Ion: 53 Resp: 7886
Ion Ratio Lower Upper
53 100
52 81.7 65.0 97.6
51 36.2 28.0 42.0

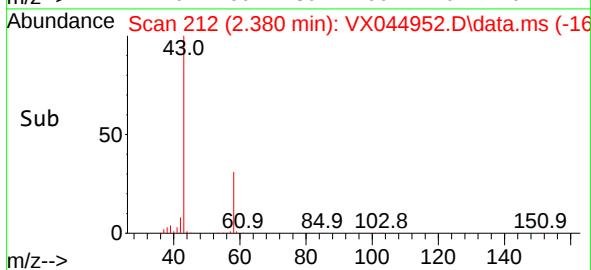
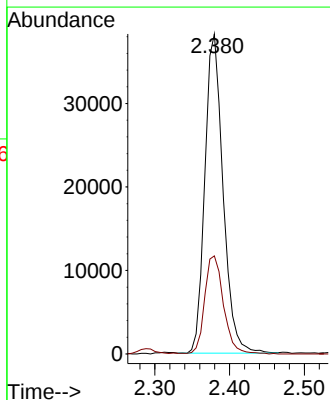
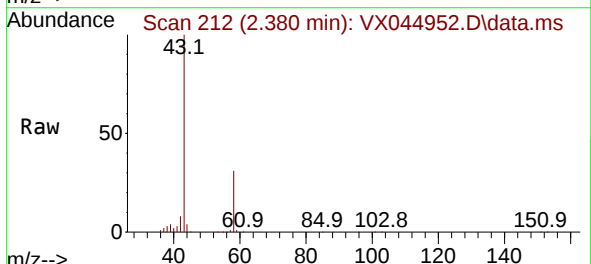
Manual Integrations
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Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#16
Acetone
Concen: 105.623 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Tgt Ion: 43 Resp: 64564
Ion Ratio Lower Upper
43 100
58 30.7 26.5 39.7





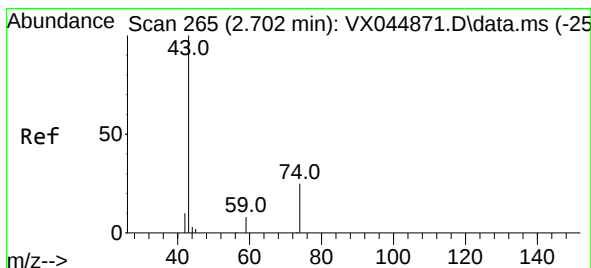
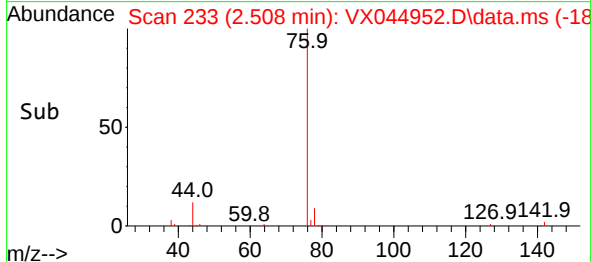
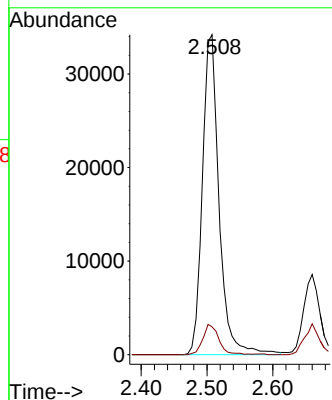
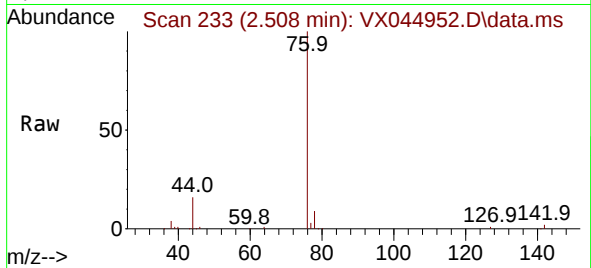
#17
Carbon Disulfide
Concen: 16.426 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tgt Ion: 76 Resp: 6030
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

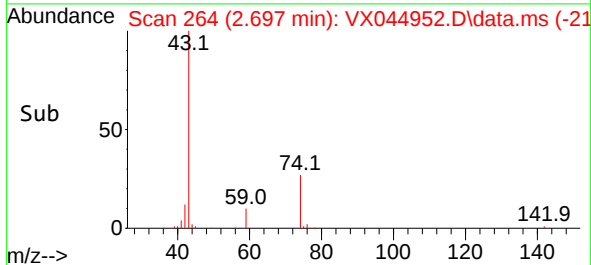
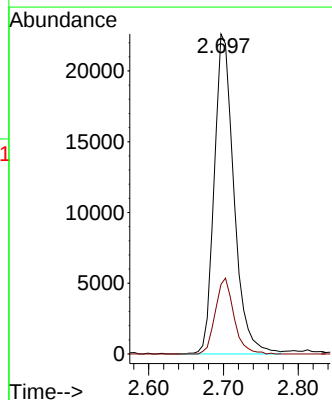
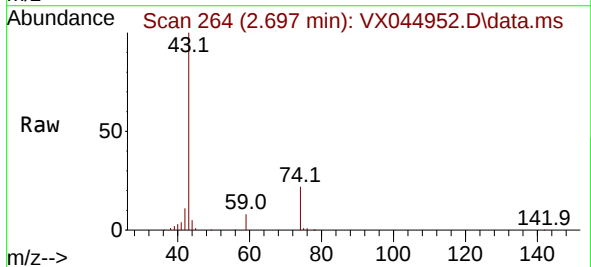
Manual Integrations
APPROVED

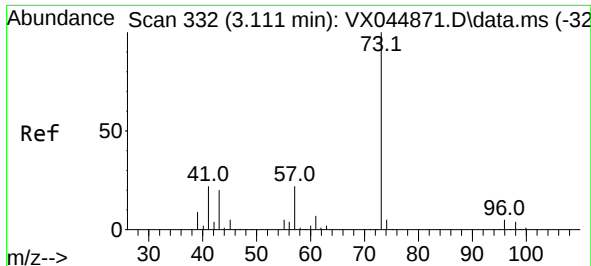
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#18
Methyl Acetate
Concen: 21.504 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Tgt Ion: 43 Resp: 41481
Ion Ratio Lower Upper
43 100
74 22.4 18.9 28.3





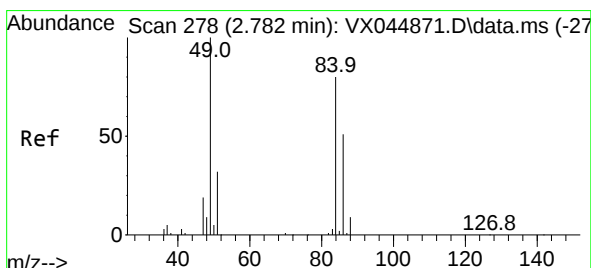
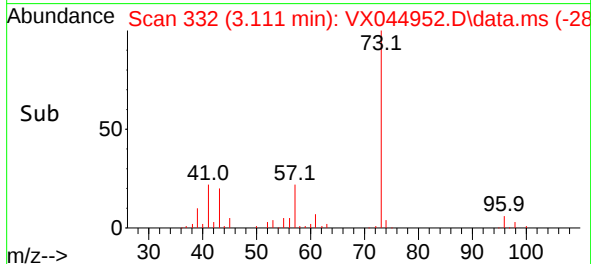
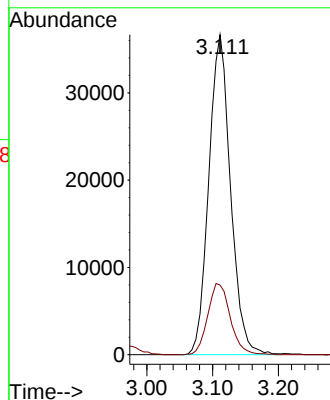
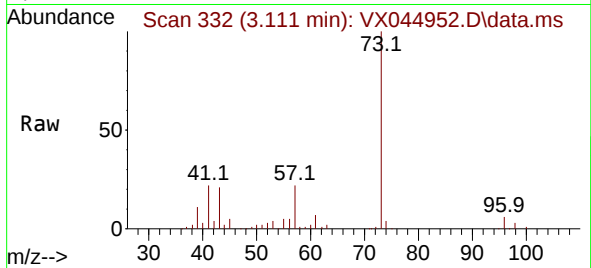
#19
Methyl tert-butyl Ether
Concen: 19.778 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tgt Ion: 73 Resp: 8425
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9

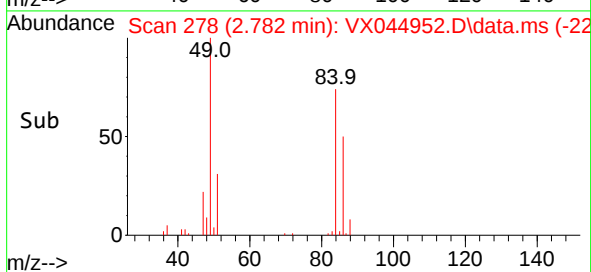
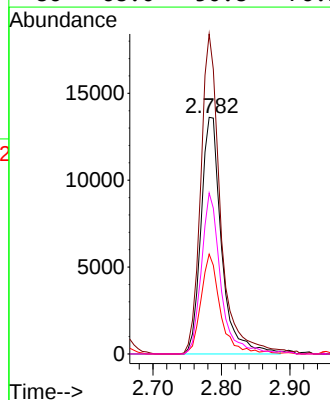
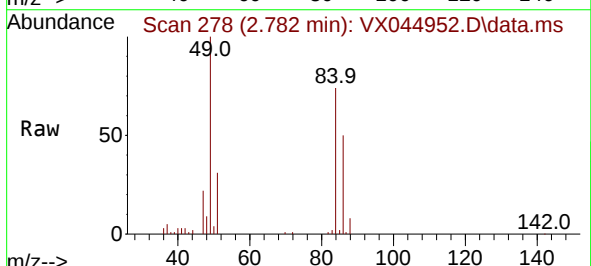
Manual Integrations
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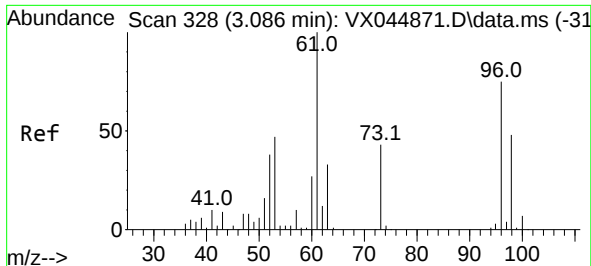
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 19.052 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

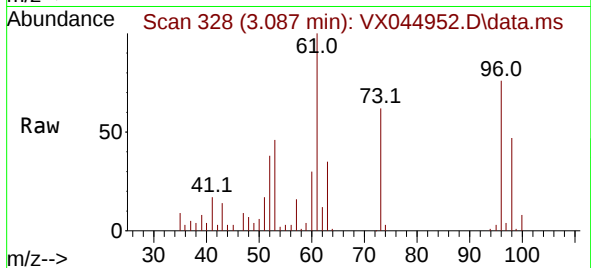
Tgt Ion: 84 Resp: 28525
Ion Ratio Lower Upper
84 100
49 135.3 100.1 150.1
51 42.2 31.7 47.5
86 68.0 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 18.590 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

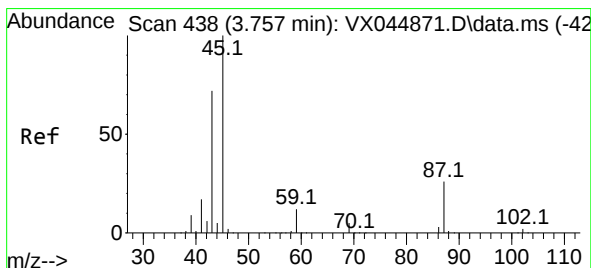
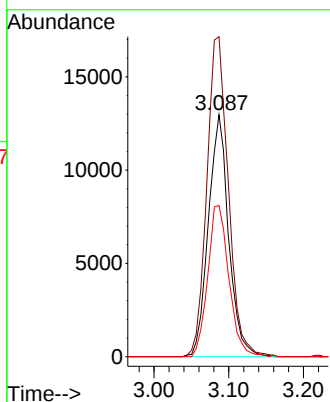
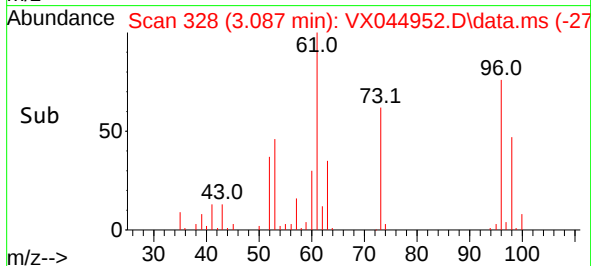
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



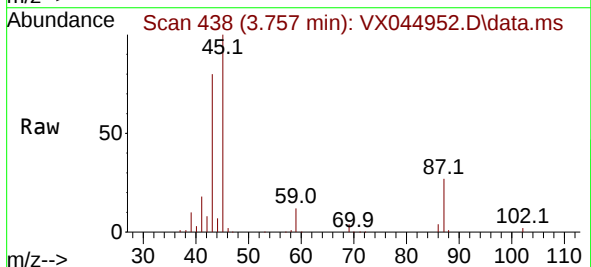
Tgt Ion: 96 Resp: 2449
Ion Ratio Lower Upper
96 100
61 132.3 106.0 159.0
98 62.5 50.6 76.0

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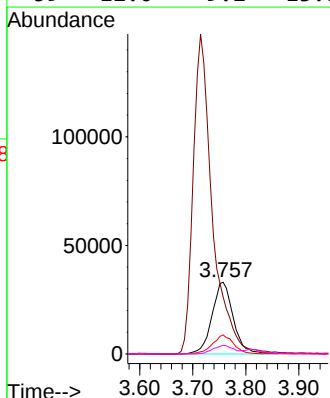
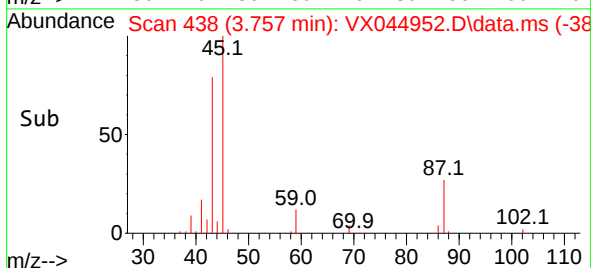
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#22
Diisopropyl ether
Concen: 20.082 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40



Tgt Ion: 45 Resp: 91929
Ion Ratio Lower Upper
45 100
43 78.9 58.0 87.0
87 26.6 20.7 31.1
59 12.0 9.2 13.8





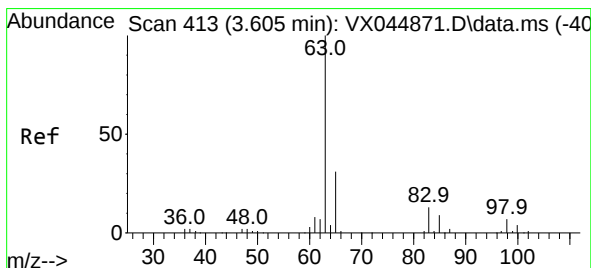
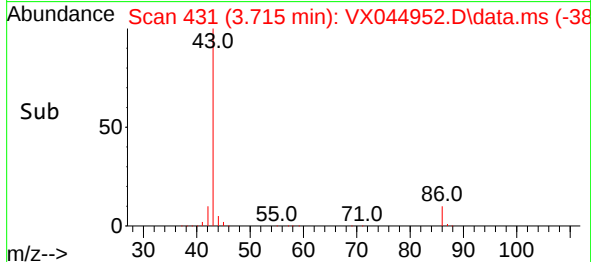
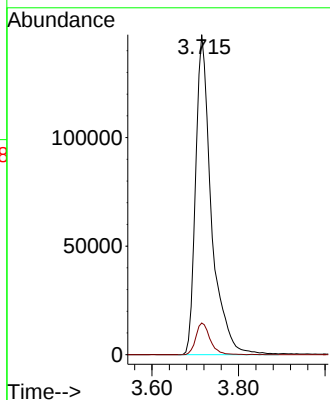
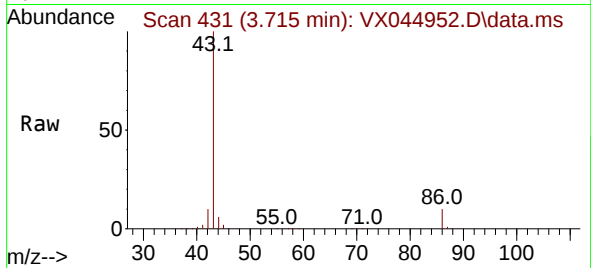
#23
 Vinyl Acetate
 Concen: 99.722 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044952.D
 Acq: 14 Feb 2025 11:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Tgt Ion: 43 Resp: 372164
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.3 12.5

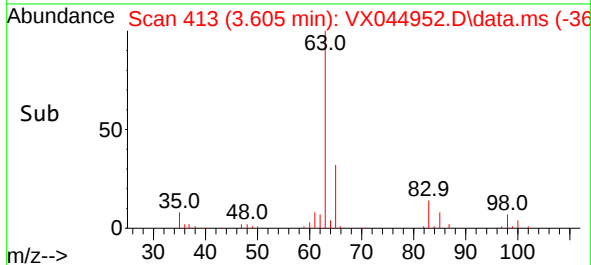
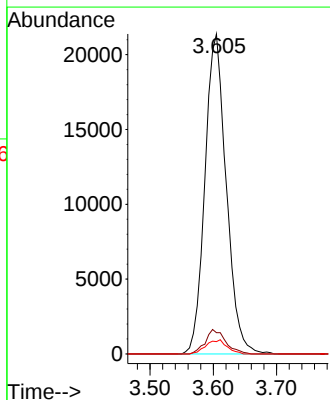
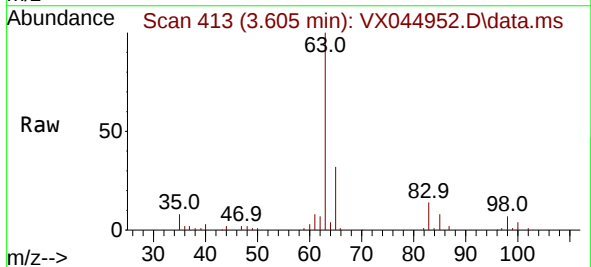
Manual Integrations
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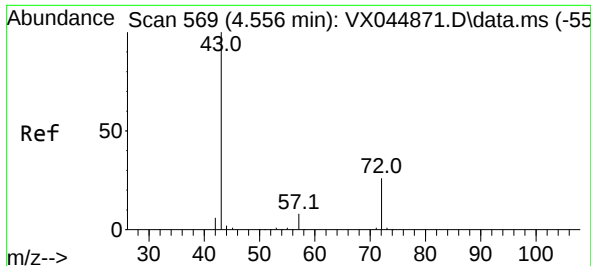
Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#24
 1,1-Dichloroethane
 Concen: 19.550 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044952.D
 Acq: 14 Feb 2025 11:40

Tgt Ion: 63 Resp: 50075
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 3.8 2.1 6.5





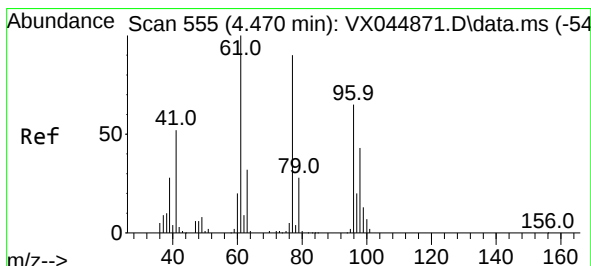
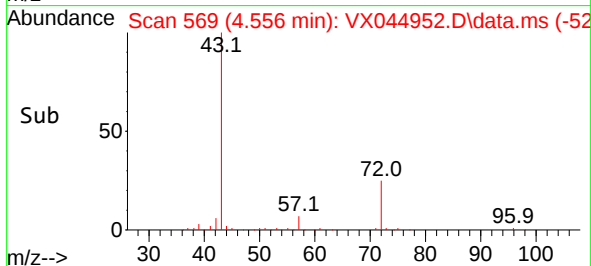
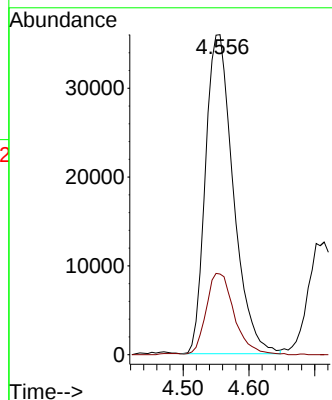
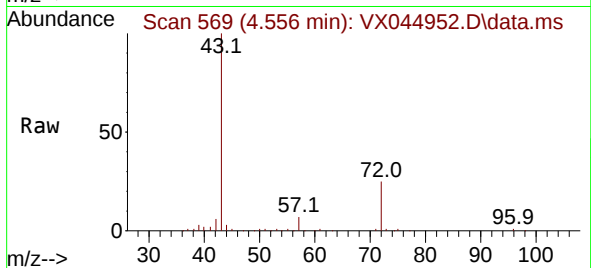
#25
2-Butanone
Concen: 106.736 ug/l
RT: 4.556 min Scan# 509
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tgt Ion: 43 Resp: 10594
Ion Ratio Lower Upper
43 100
72 25.0 21.2 31.8

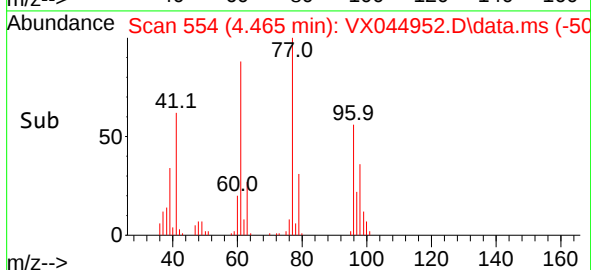
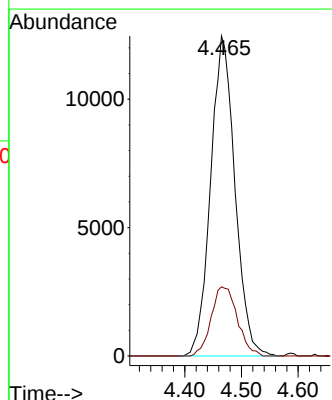
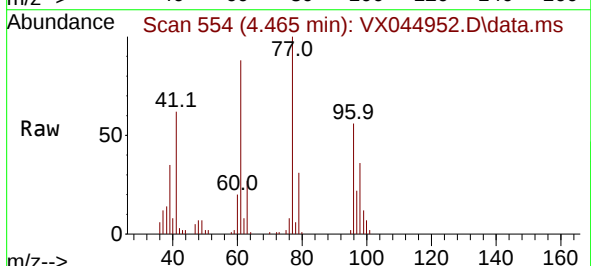
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Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#26
2,2-Dichloropropane
Concen: 18.267 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Tgt Ion: 77 Resp: 37106
Ion Ratio Lower Upper
77 100
97 23.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.237 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tgt Ion: 96 Resp: 3044

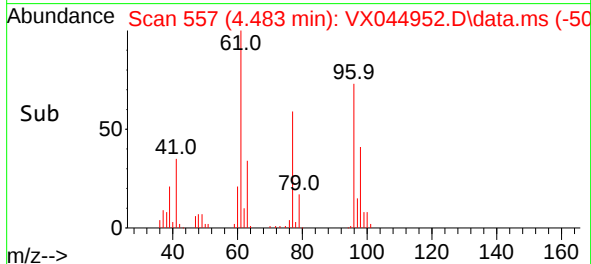
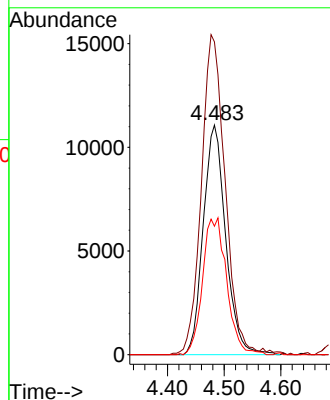
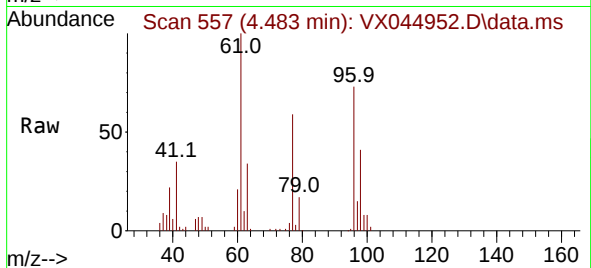
Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	294.0
98	64.0	0.0	131.2

Manual Integrations

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Supervised By :Mahesh Dadoda 02/19/2025



#28

Bromochloromethane

Concen: 18.027 ug/l

RT: 4.891 min Scan# 624

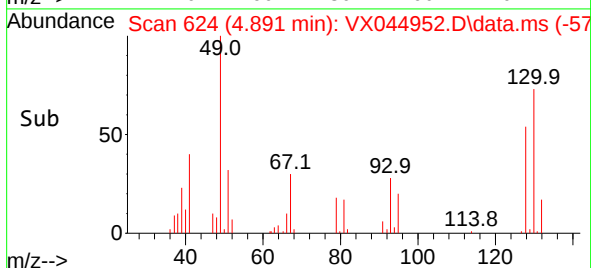
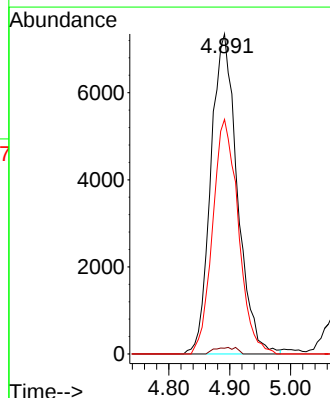
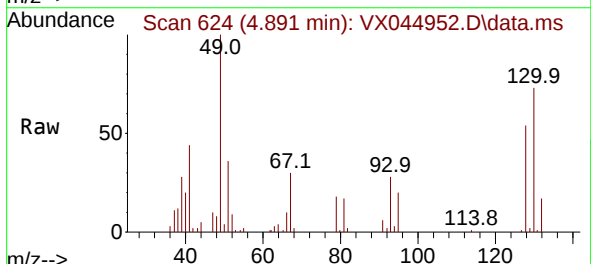
Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Tgt Ion: 49 Resp: 22191

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.6
130	71.1	56.7	85.1





#29

Tetrahydrofuran

Concen: 104.445 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tgt Ion: 42 Resp: 68840

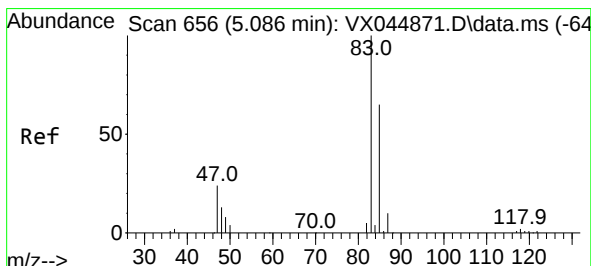
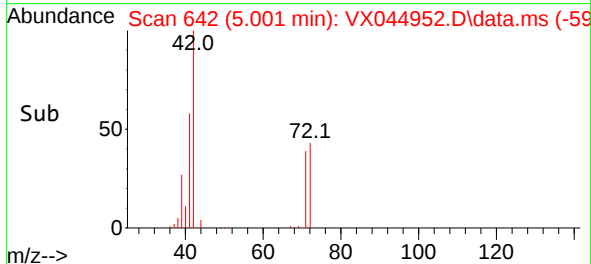
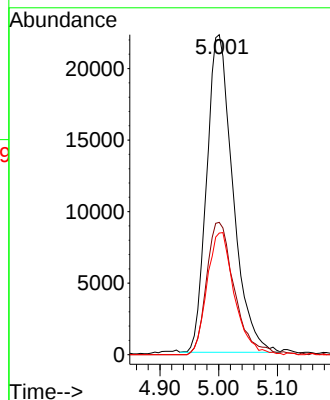
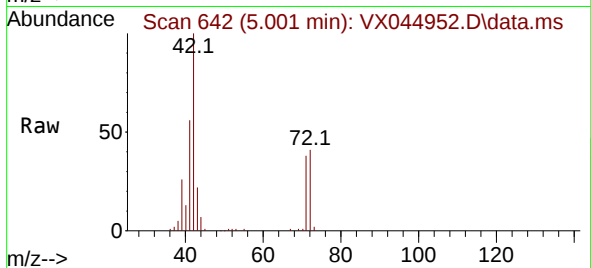
Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.0	52.4
71	40.0	32.6	48.8

Manual Integrations

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Supervised By :Mahesh Dadoda 02/19/2025



#30

Chloroform

Concen: 19.984 ug/l

RT: 5.093 min Scan# 657

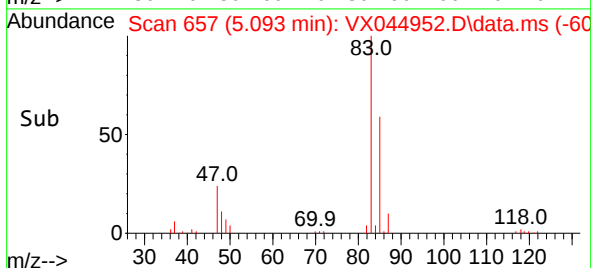
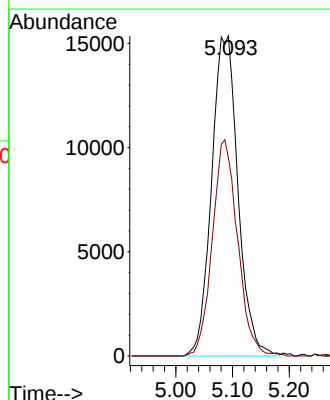
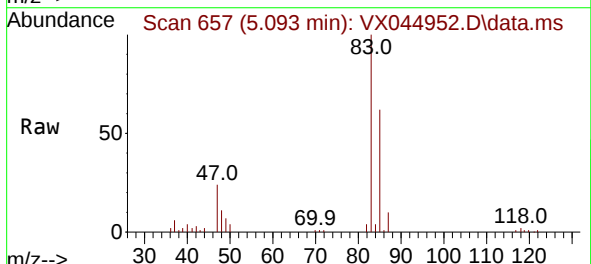
Delta R.T. 0.006 min

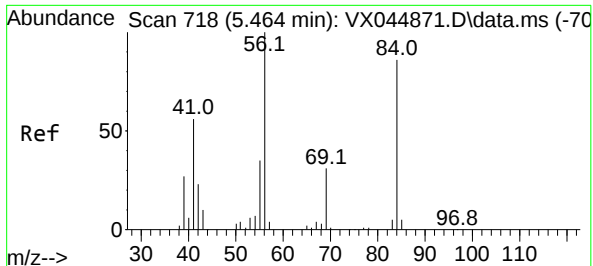
Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Tgt Ion: 83 Resp: 49641

Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.1	78.1





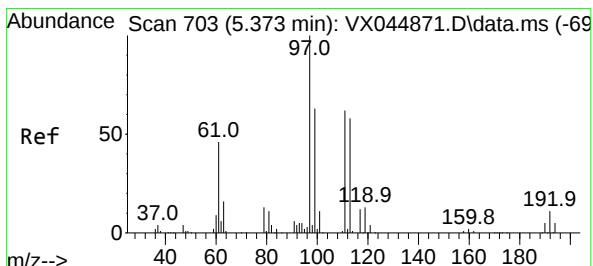
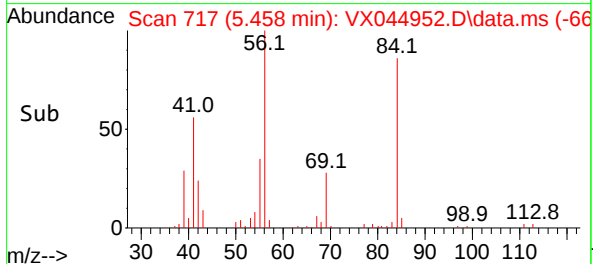
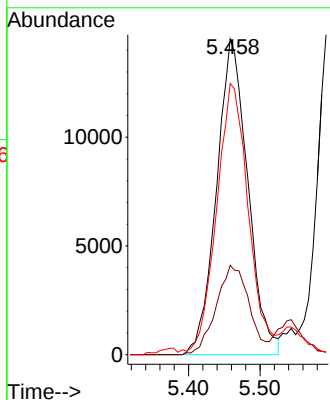
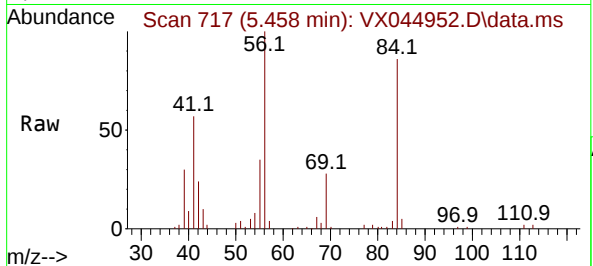
#31
Cyclohexane
Concen: 18.660 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tgt Ion: 56 Resp: 44062
Ion Ratio Lower Upper
56 100
69 28.3 24.4 36.6
84 85.1 69.0 103.6

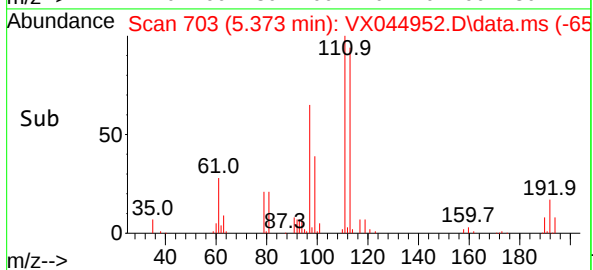
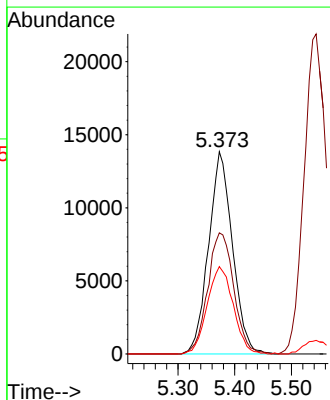
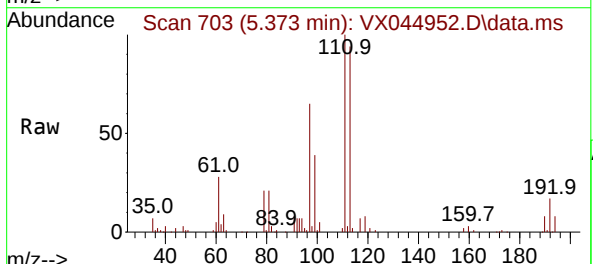
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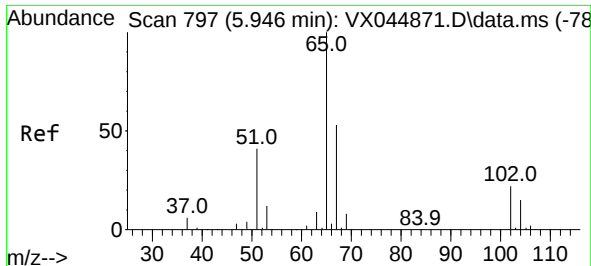
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#32
1,1,1-Trichloroethane
Concen: 19.219 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Tgt Ion: 97 Resp: 40495
Ion Ratio Lower Upper
97 100
99 65.3 51.0 76.6
61 46.9 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 51.105 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tgt Ion: 65 Resp: 7770

Ion Ratio Lower Upper

65 100

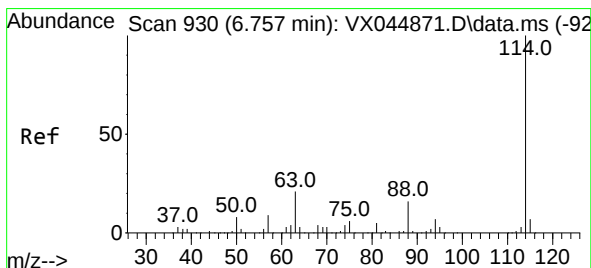
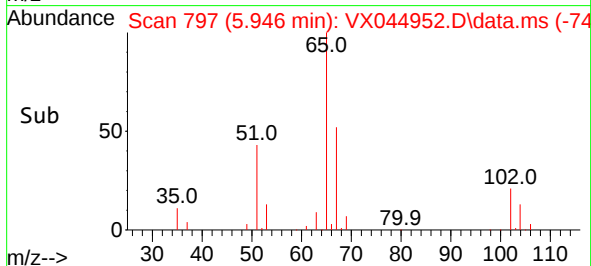
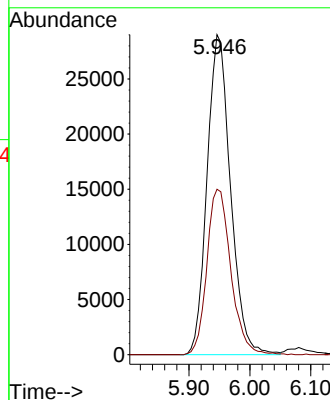
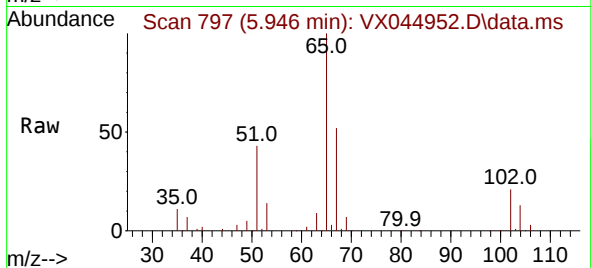
67 52.8 0.0 108.2

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Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

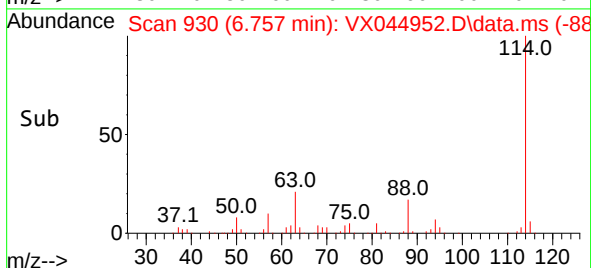
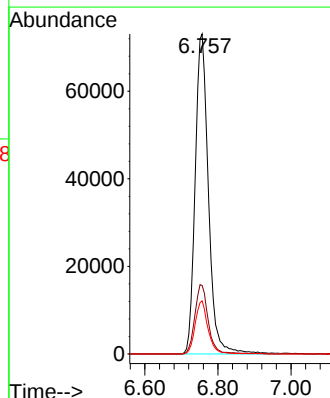
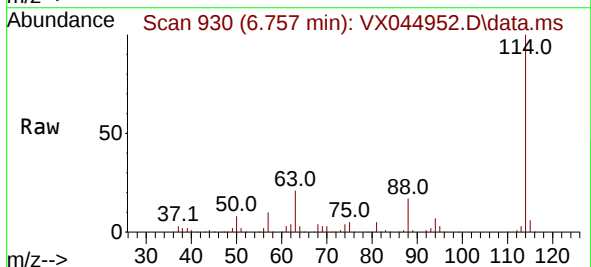
Tgt Ion:114 Resp: 184991

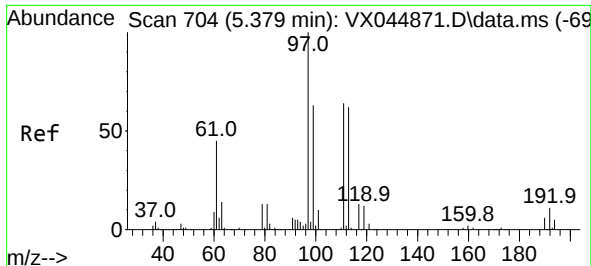
Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.4

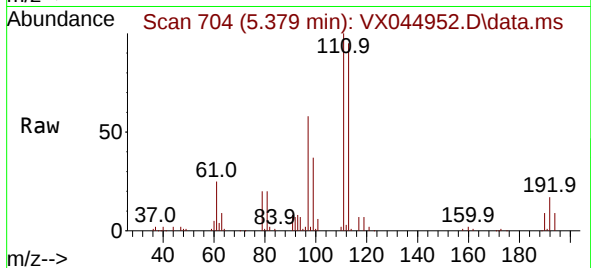
88 16.6 0.0 31.4





#35
Dibromofluoromethane
Concen: 50.582 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

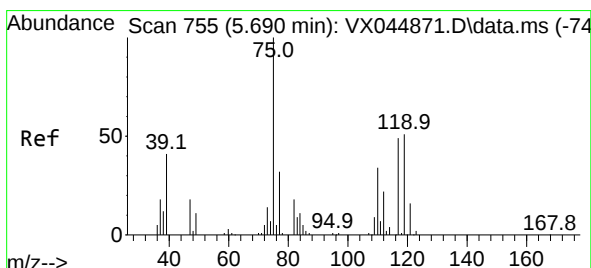
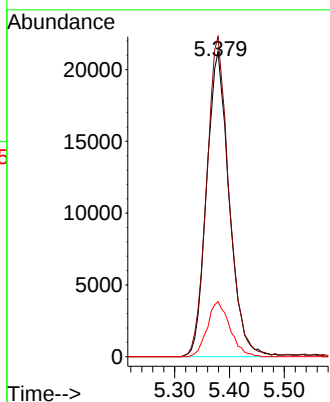
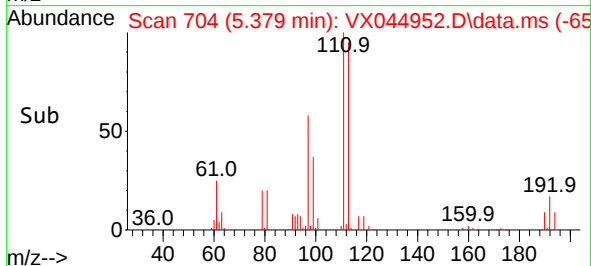
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



Tgt Ion: 113 Resp: 60838
Ion Ratio Lower Upper
113 100
111 103.6 83.5 125.3
192 18.1 14.4 21.6

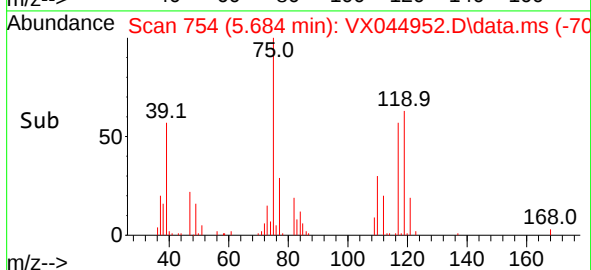
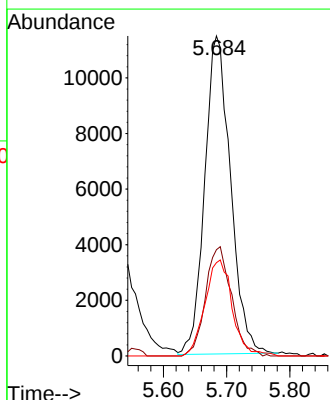
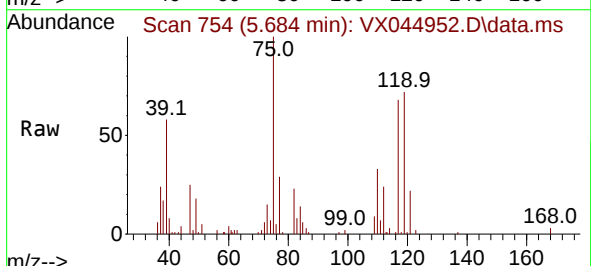
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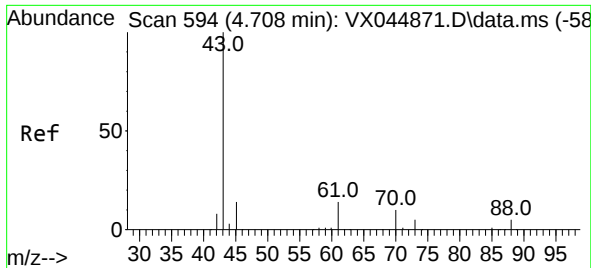
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#36
1,1-Dichloropropene
Concen: 18.658 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Tgt Ion: 75 Resp: 32376
Ion Ratio Lower Upper
75 100
110 34.6 17.2 51.6
77 31.9 24.6 37.0





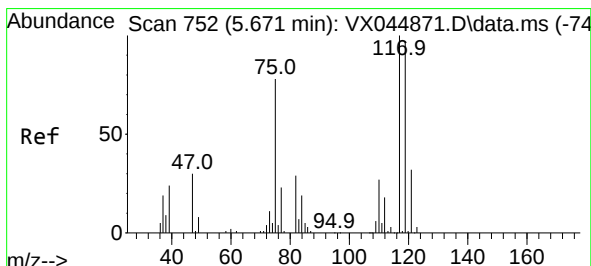
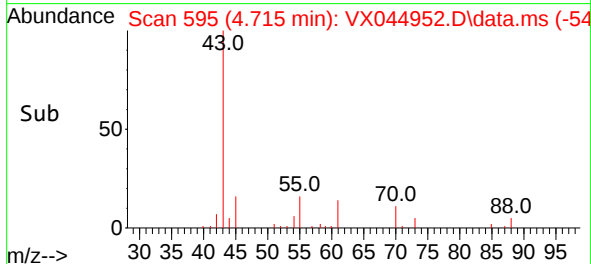
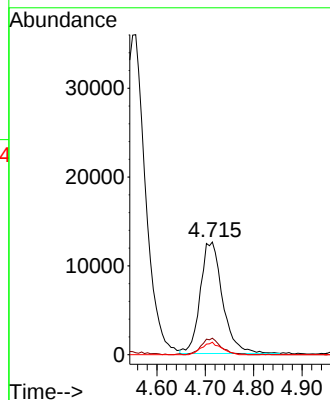
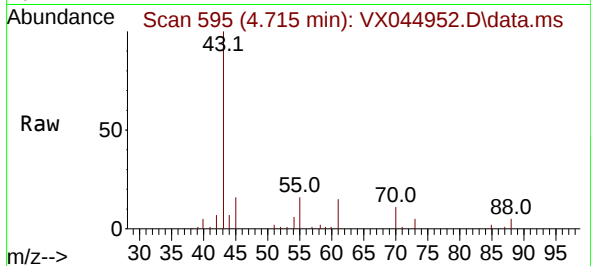
#37
Ethyl Acetate
Concen: 20.830 ug/l
RT: 4.715 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tgt Ion: 43 Resp: 40204
Ion Ratio Lower Upper
43 100
61 13.1 11.0 16.4
70 9.7 8.2 12.2

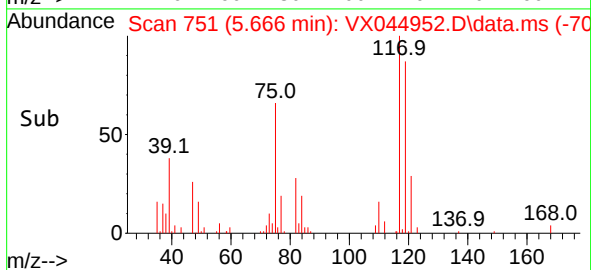
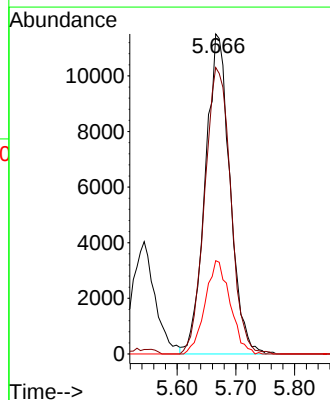
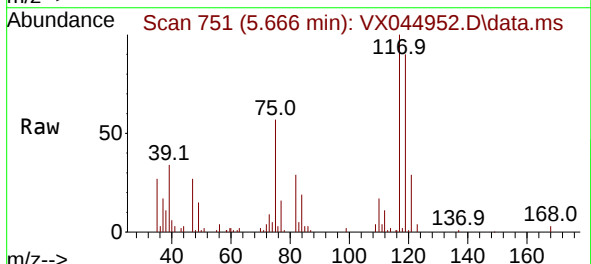
Manual Integrations
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Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#38
Carbon Tetrachloride
Concen: 19.700 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Tgt Ion:117 Resp: 33498
Ion Ratio Lower Upper
117 100
119 89.5 77.5 116.3
121 29.2 25.6 38.4





#39

Methylcyclohexane

Concen: 19.671 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044952.D

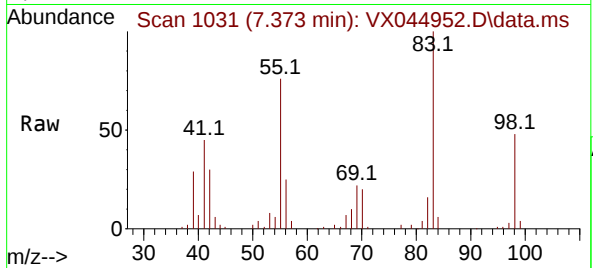
Acq: 14 Feb 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01



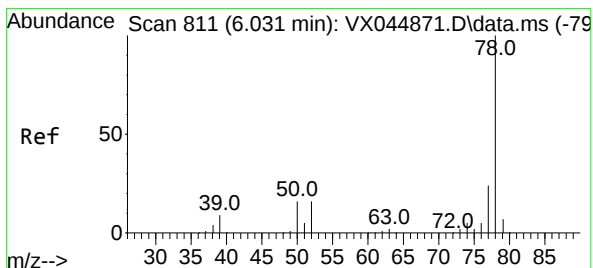
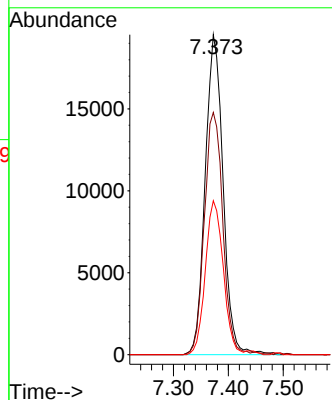
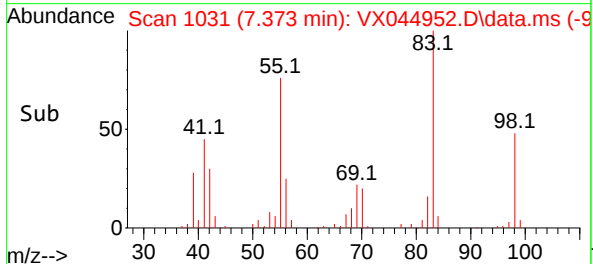
Tgt Ion: 83	Resp: 44129
Ion Ratio	Lower Upper
83	100
55	75.7 61.3 91.9
98	48.1 37.0 55.6

Manual Integrations

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Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#40

Benzene

Concen: 19.567 ug/l

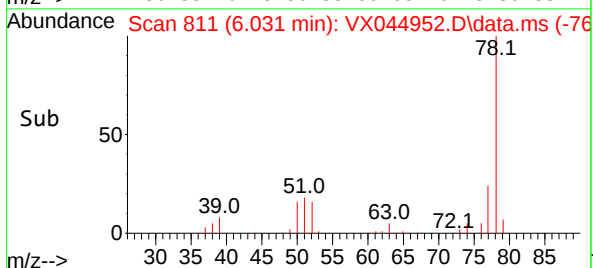
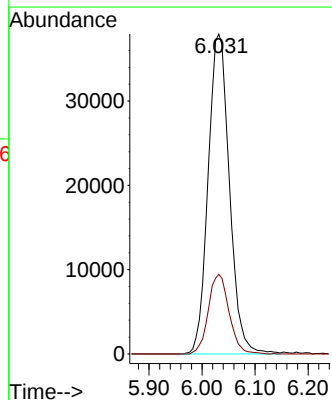
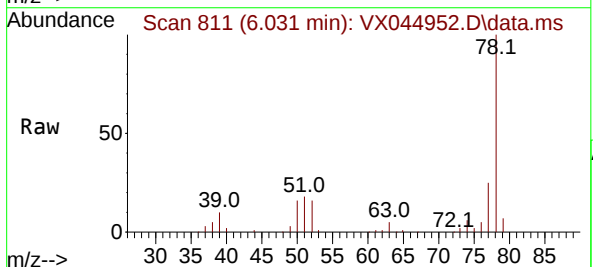
RT: 6.031 min Scan# 811

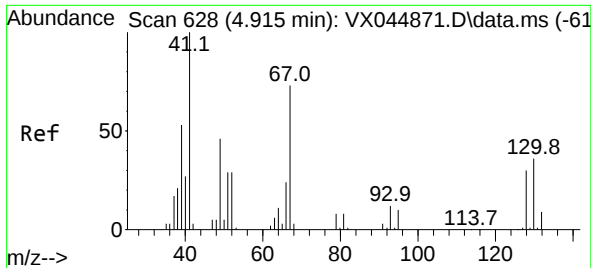
Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

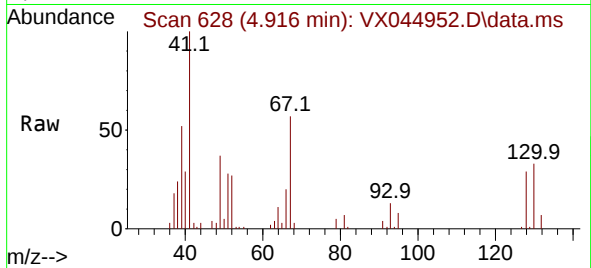
Tgt Ion: 78	Resp: 106024
Ion Ratio	Lower Upper
78	100
77	24.9 19.0 28.6





#41
Methacrylonitrile
Concen: 22.298 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

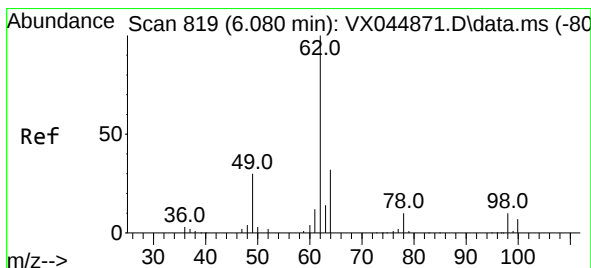
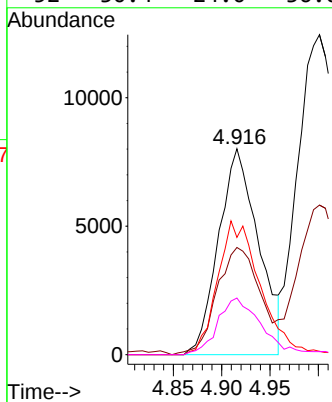
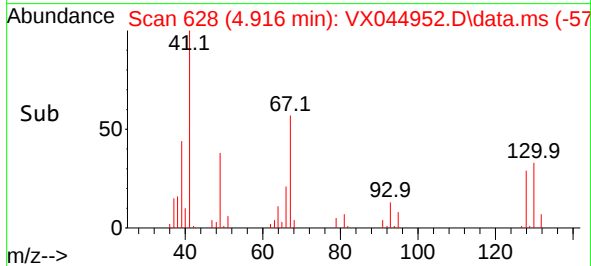
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



Tgt Ion: 41 Resp: 23036
Ion Ratio Lower Upper
41 100
39 55.0 43.1 64.7
67 69.6 57.0 85.6
52 30.4 24.0 36.0

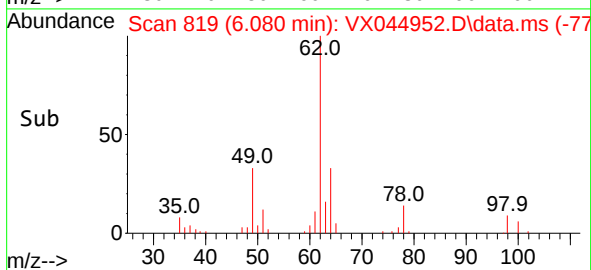
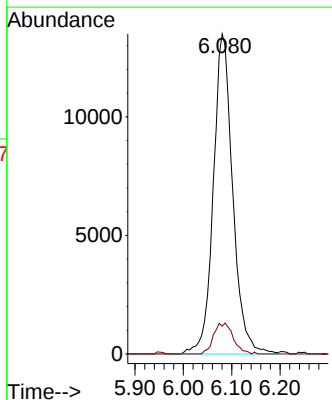
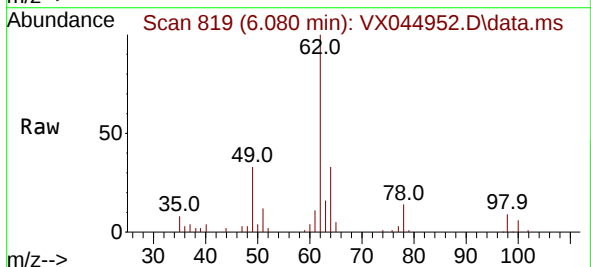
Manual Integrations
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Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#42
1,2-Dichloroethane
Concen: 21.803 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

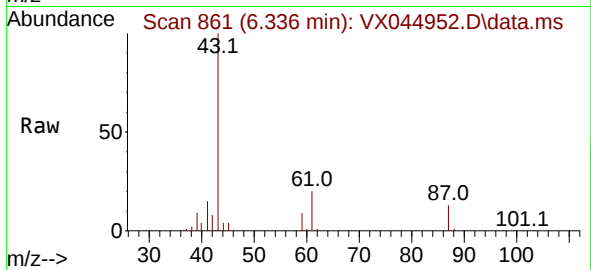
Tgt Ion: 62 Resp: 37652
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4





#43
Isopropyl Acetate
Concen: 20.648 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

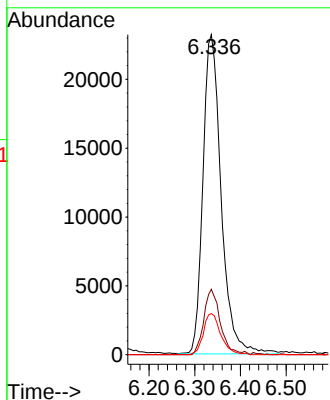
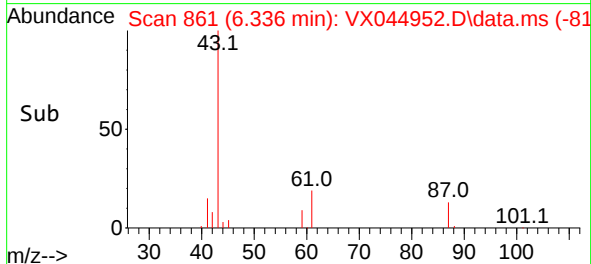
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



Tgt Ion: 43 Resp: 6435
Ion Ratio Lower Upper
43 100
61 18.6 15.8 23.8
87 12.3 10.0 15.0

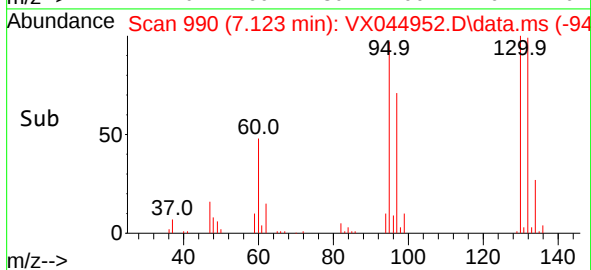
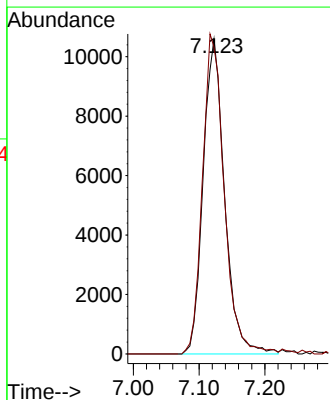
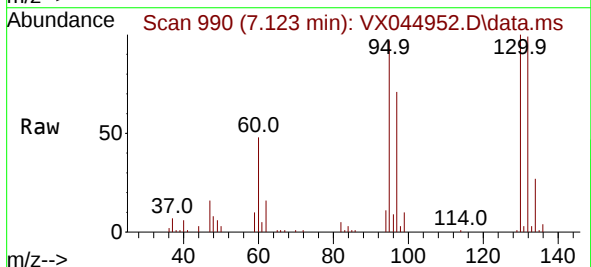
Manual Integrations
APPROVED

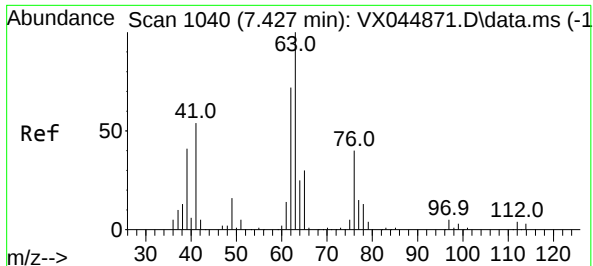
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#44
Trichloroethene
Concen: 19.420 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Tgt Ion:130 Resp: 24052
Ion Ratio Lower Upper
130 100
95 97.4 0.0 202.4





#45

1,2-Dichloropropane

Concen: 19.518 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tgt Ion: 63 Resp: 2631

Ion Ratio Lower Upper

63 100

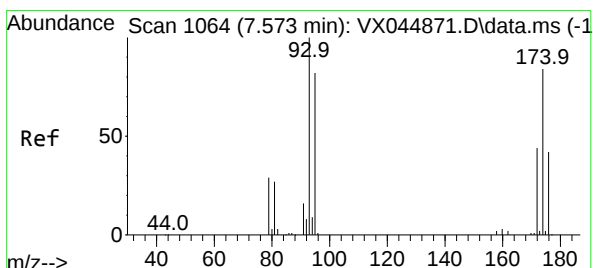
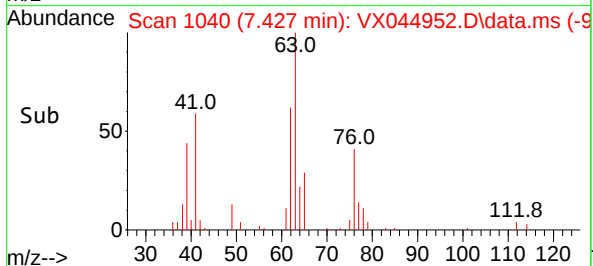
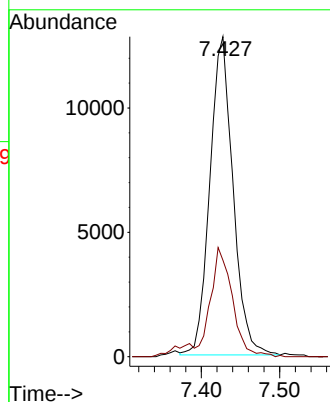
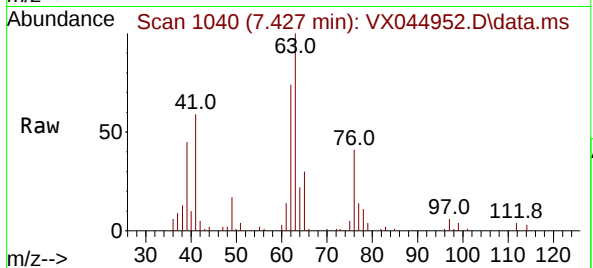
65 29.9 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#46

Dibromomethane

Concen: 20.875 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

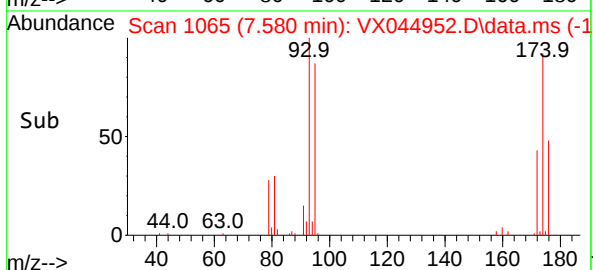
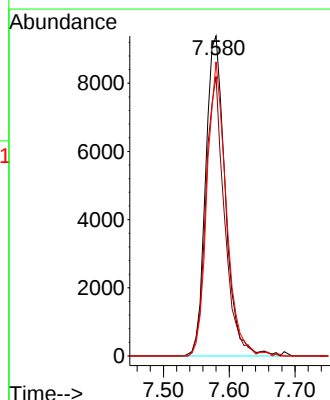
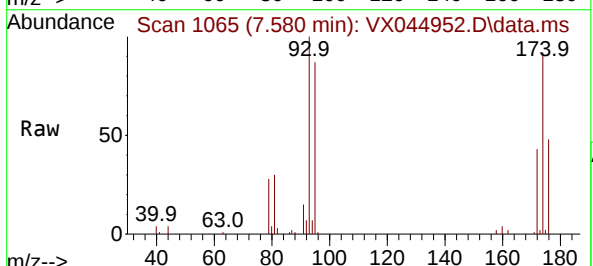
Tgt Ion: 93 Resp: 19515

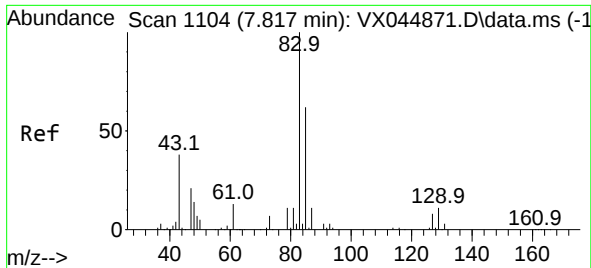
Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

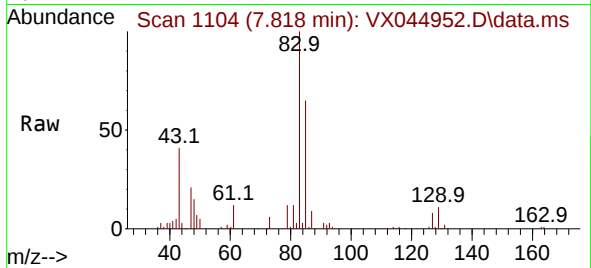
174 90.0 69.9 104.9





#47
Bromodichloromethane
Concen: 20.853 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

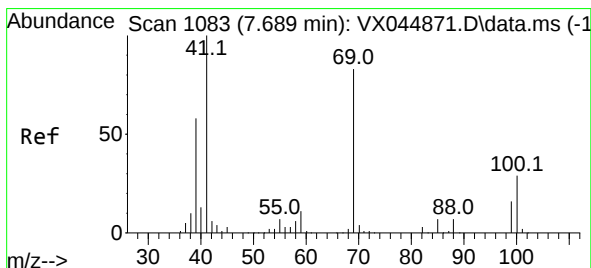
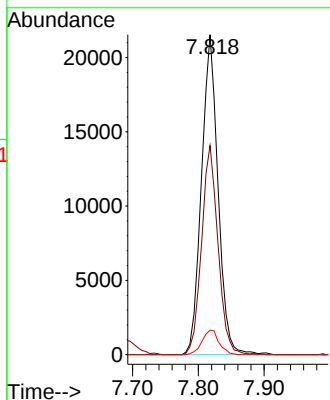
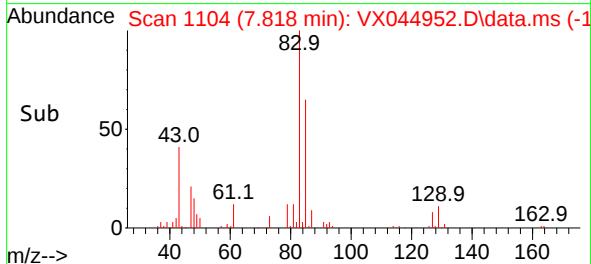
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



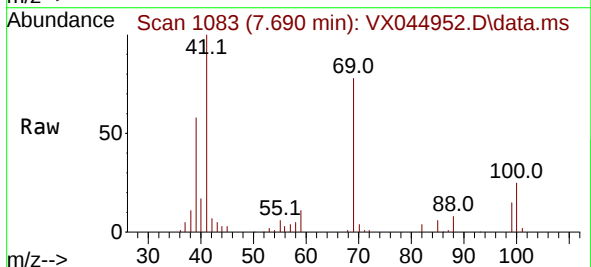
Tgt Ion: 83 Resp: 37748
Ion Ratio Lower Upper
83 100
85 65.3 50.0 75.0
127 7.7 6.4 9.6

Manual Integrations
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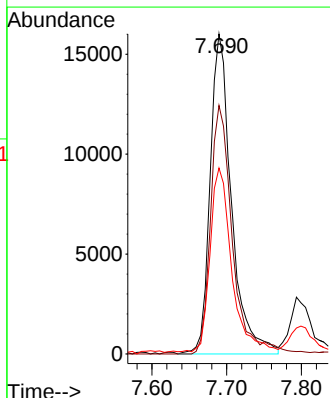
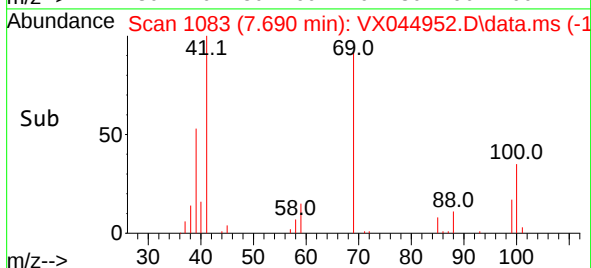
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

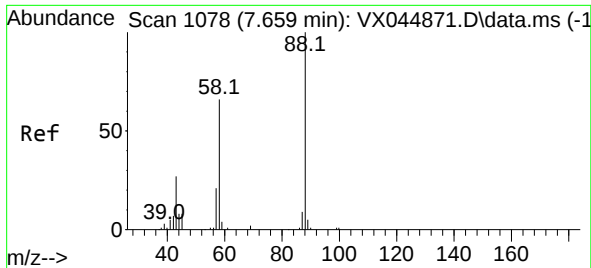


#48
Methyl methacrylate
Concen: 21.671 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40



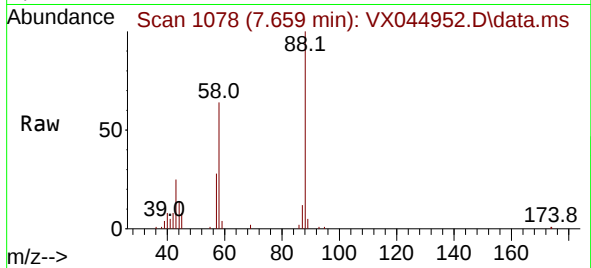
Tgt Ion: 41 Resp: 31848
Ion Ratio Lower Upper
41 100
69 79.7 65.8 98.8
39 60.1 46.4 69.6





#49
1,4-Dioxane
Concen: 443.448 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

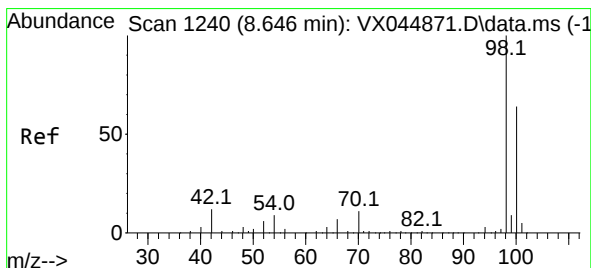
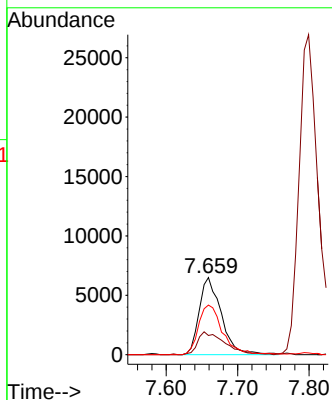
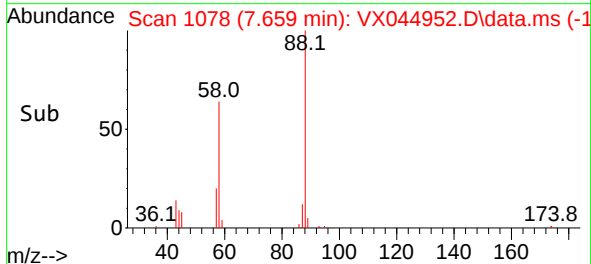
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



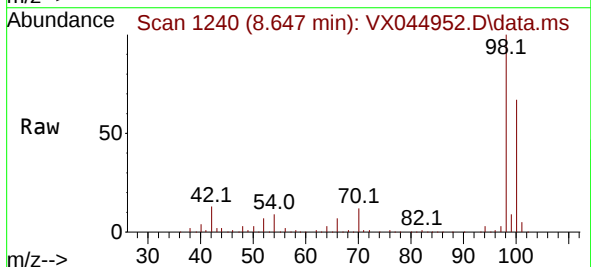
Tgt Ion: 88 Resp: 13982
Ion Ratio Lower Upper
88 100
43 35.9 26.6 39.8
58 69.9 55.9 83.9

Manual Integrations
APPROVED

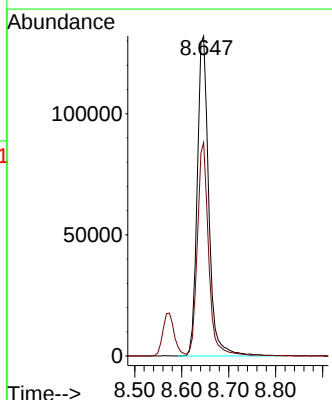
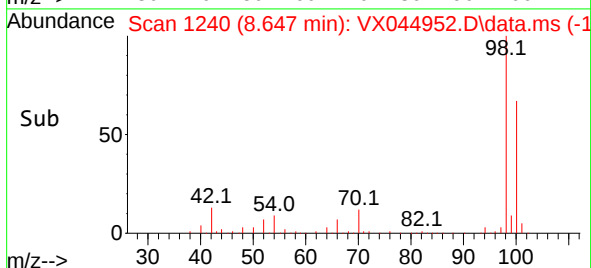
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

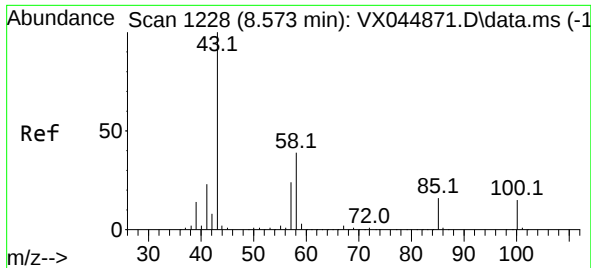


#50
Toluene-d8
Concen: 49.828 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40



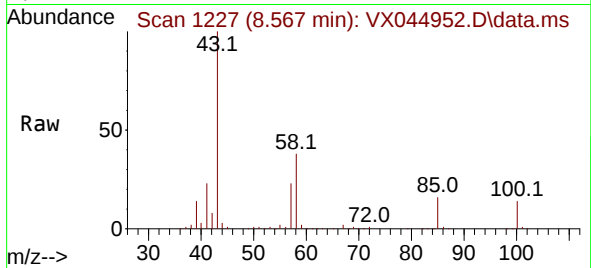
Tgt Ion: 98 Resp: 226624
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 115.888 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

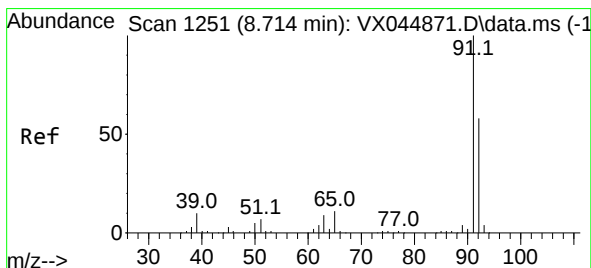
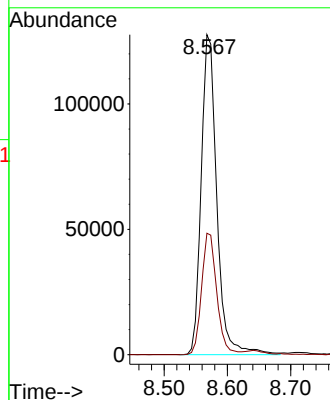
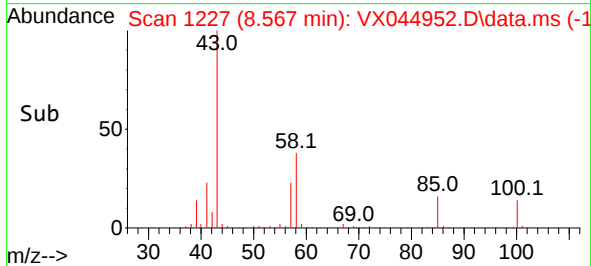
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



Tgt Ion: 43 Resp: 21958
Ion Ratio Lower Upper
43 100
58 36.9 30.8 46.2

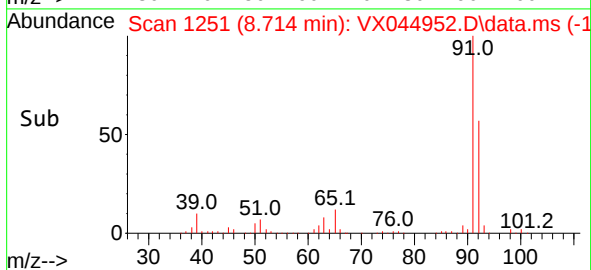
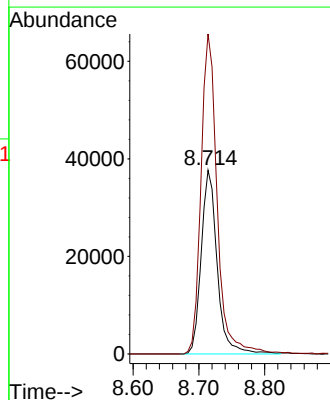
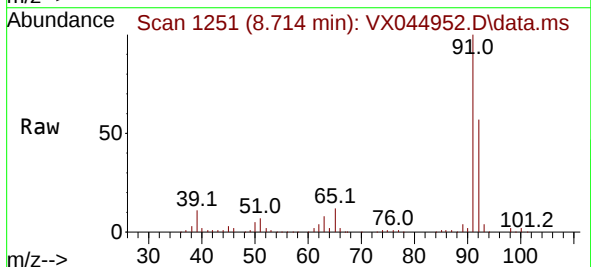
Manual Integrations
APPROVED

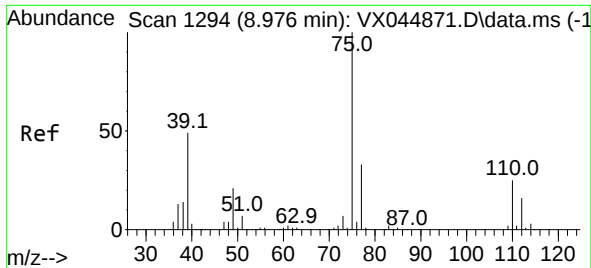
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#52
Toluene
Concen: 19.780 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

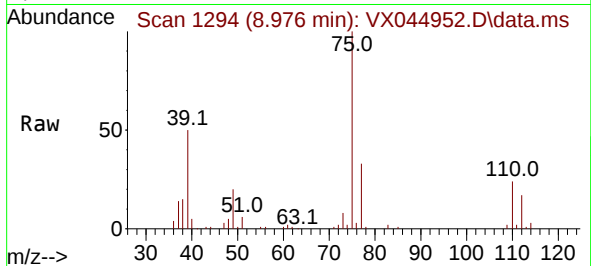
Tgt Ion: 92 Resp: 63830
Ion Ratio Lower Upper
92 100
91 176.5 137.4 206.2





#53
t-1,3-Dichloropropene
Concen: 19.296 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

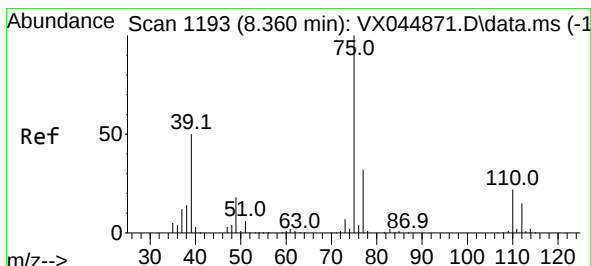
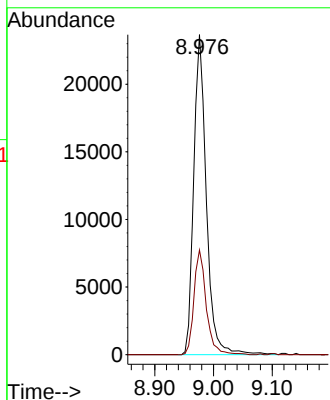
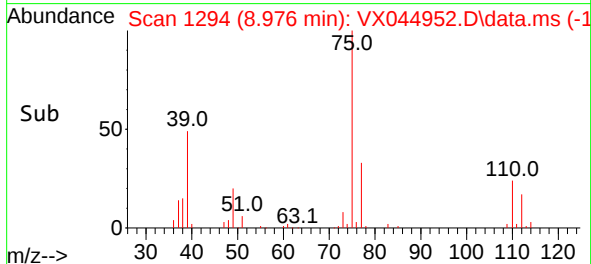
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



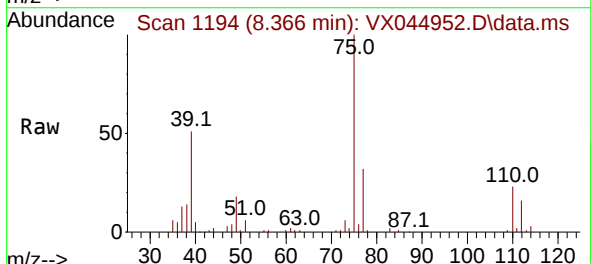
Tgt Ion: 75 Resp: 3534
Ion Ratio Lower Upper
75 100
77 32.7 26.0 39.0

Manual Integrations
APPROVED

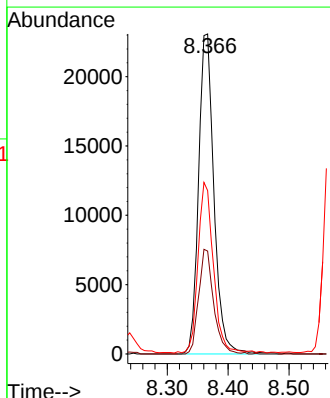
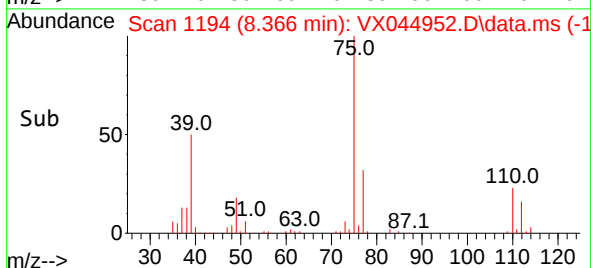
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#54
cis-1,3-Dichloropropene
Concen: 19.889 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40



Tgt Ion: 75 Resp: 40620
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
39 50.6 40.0 60.0





#55

1,1,2-Trichloroethane

Concen: 21.408 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

Tgt Ion: 97 Resp: 2655

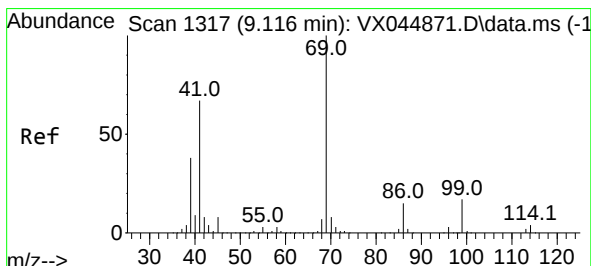
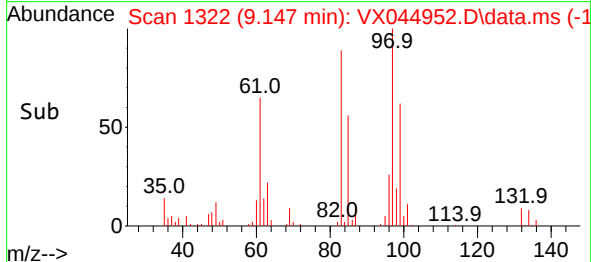
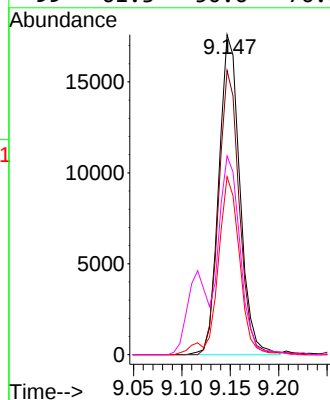
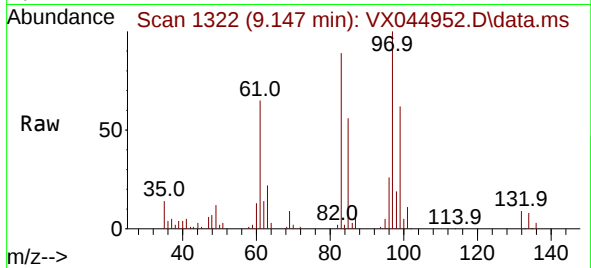
Ion	Ratio	Lower	Upper
97	100		
83	88.8	69.8	104.6
85	55.0	44.8	67.2
99	61.3	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#56

Ethyl methacrylate

Concen: 20.600 ug/l

RT: 9.116 min Scan# 1317

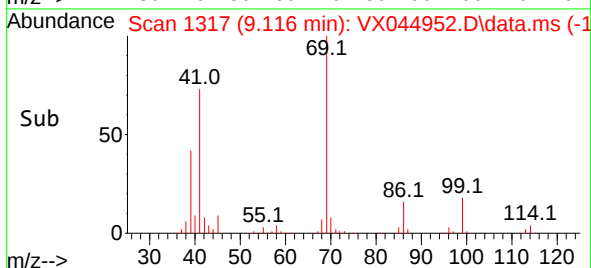
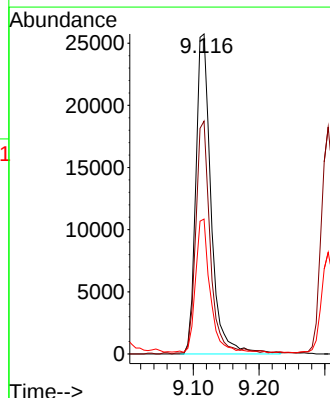
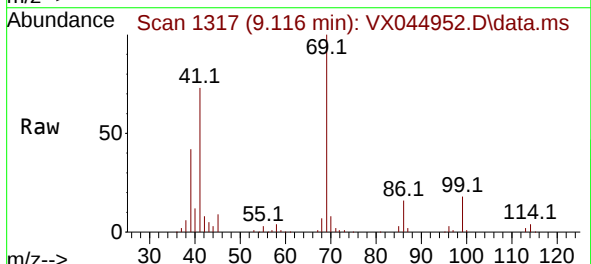
Delta R.T. 0.000 min

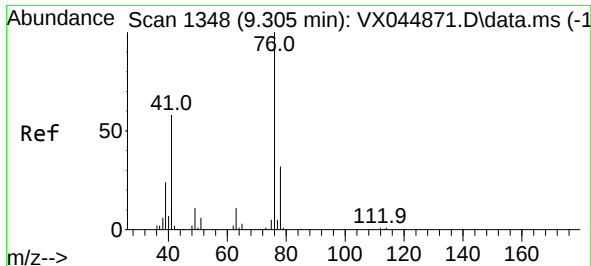
Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Tgt Ion: 69 Resp: 41272

Ion	Ratio	Lower	Upper
69	100		
41	69.9	55.2	82.8
39	38.8	30.8	46.2





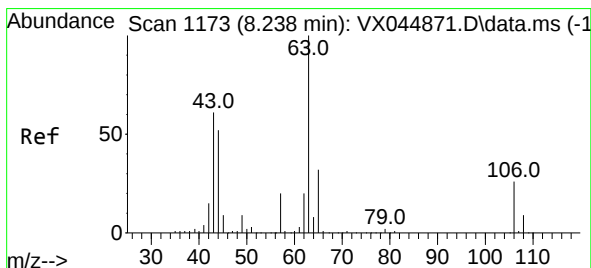
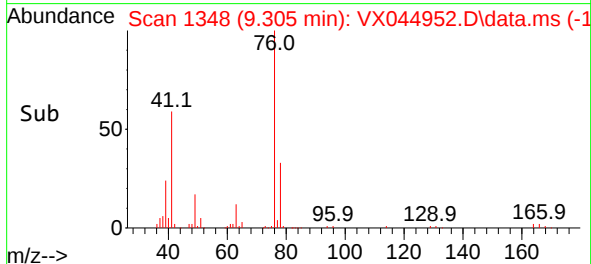
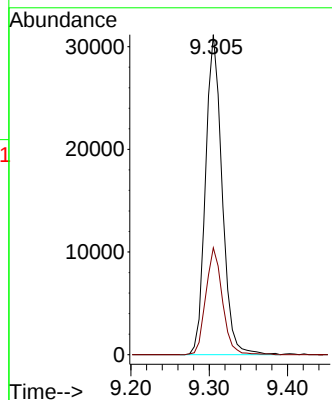
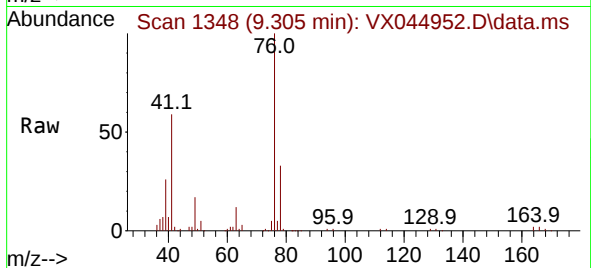
#57
1,3-Dichloropropane
Concen: 21.061 ug/l
RT: 9.305 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tgt Ion: 76 Resp: 4571
Ion Ratio Lower Upper
76 100
78 33.5 25.8 38.8

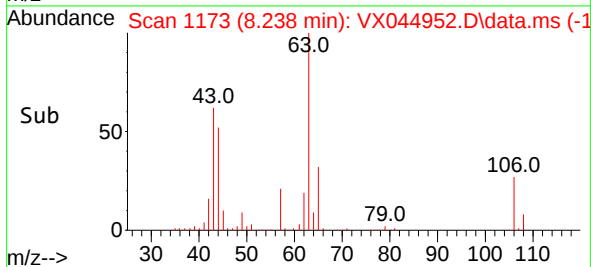
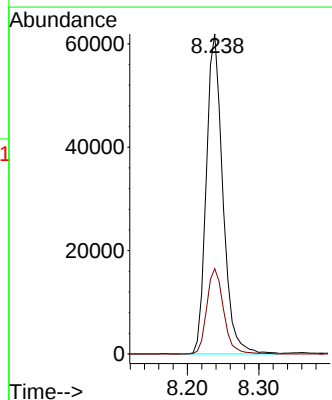
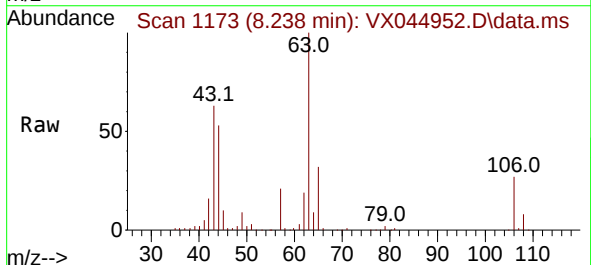
Manual Integrations
APPROVED

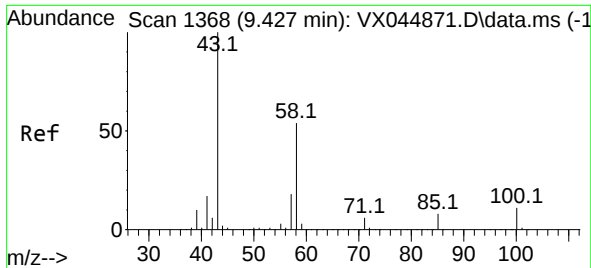
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#58
2-Chloroethyl Vinyl ether
Concen: 101.176 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

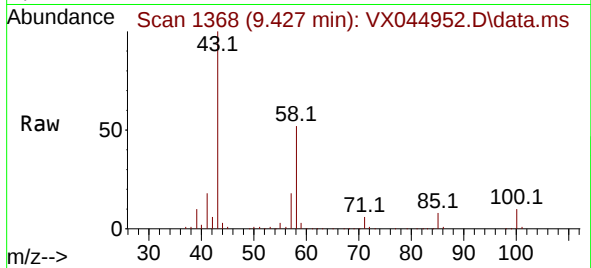
Tgt Ion: 63 Resp: 99532
Ion Ratio Lower Upper
63 100
106 27.0 21.3 31.9





#59
2-Hexanone
Concen: 116.671 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

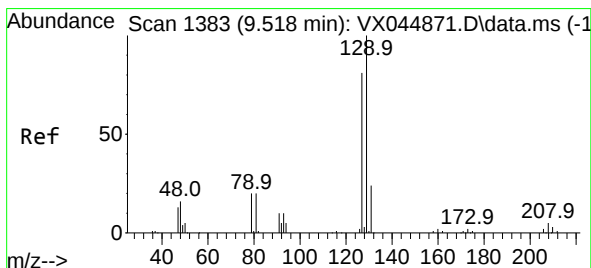
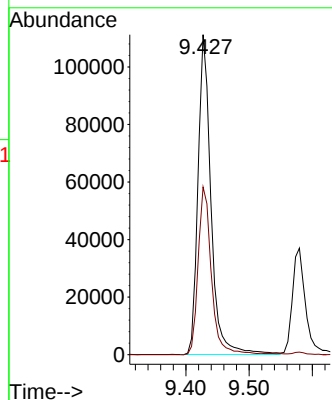
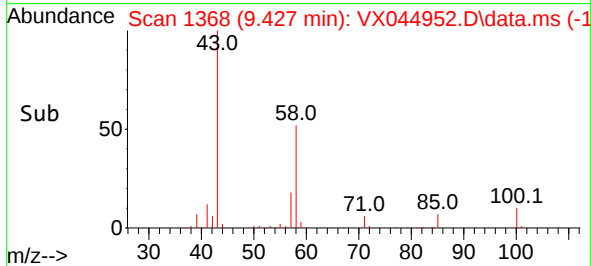
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



Tgt Ion: 43 Resp: 159284
Ion Ratio Lower Upper
43 100
58 54.1 27.5 82.4

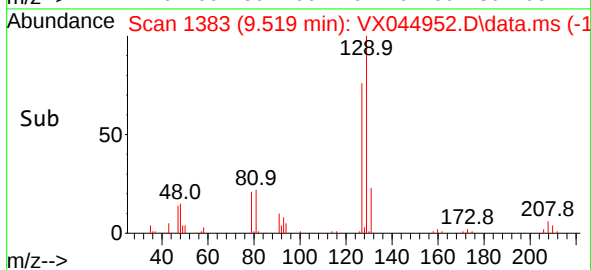
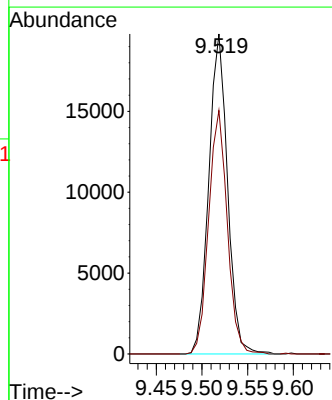
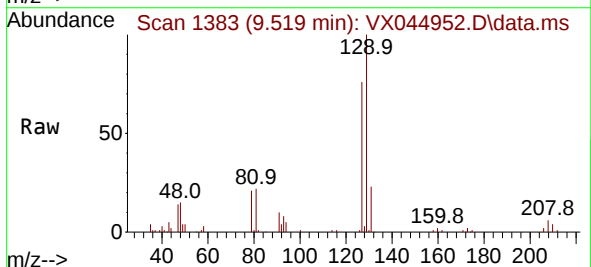
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#60
Dibromochloromethane
Concen: 21.203 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Tgt Ion:129 Resp: 28129
Ion Ratio Lower Upper
129 100
127 75.6 39.1 117.3





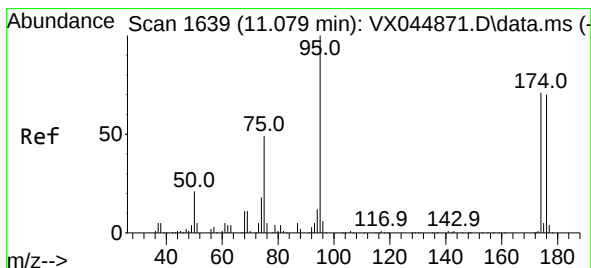
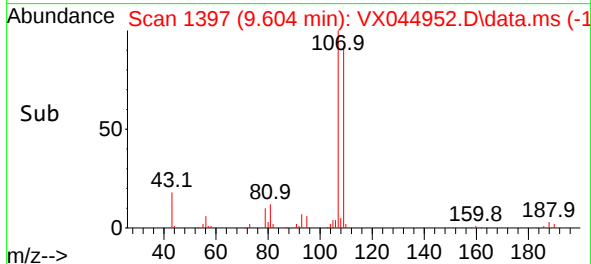
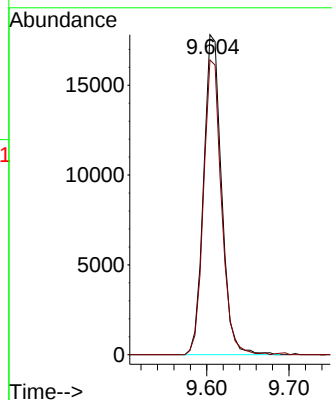
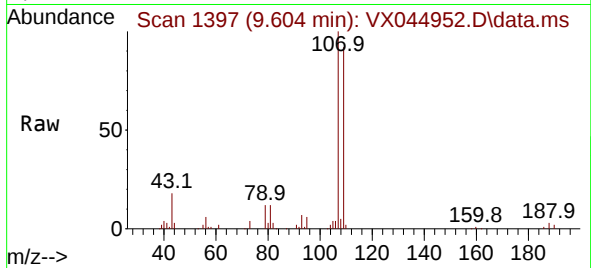
#61
1,2-Dibromoethane
Concen: 21.494 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tgt Ion:107 Resp: 27025
Ion Ratio Lower Upper
107 100
109 92.2 75.9 113.9

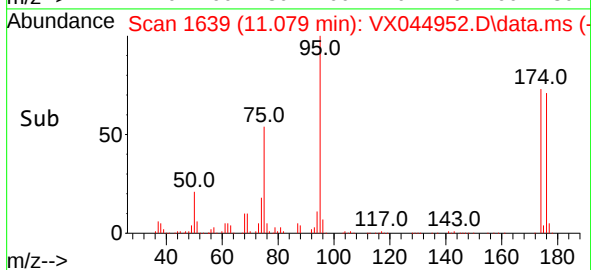
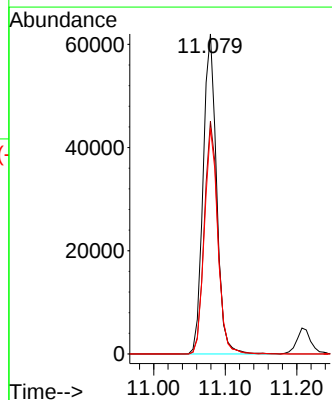
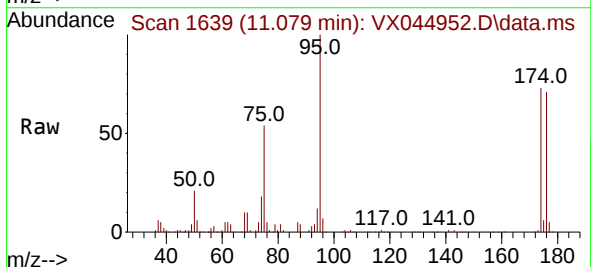
Manual Integrations
APPROVED

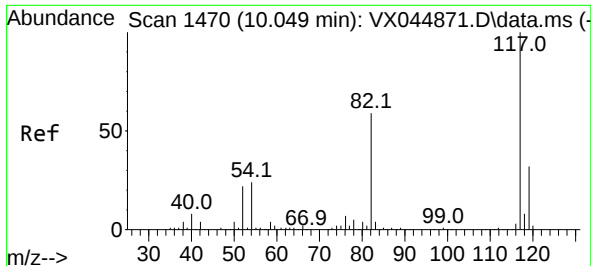
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#62
4-Bromofluorobenzene
Concen: 52.833 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

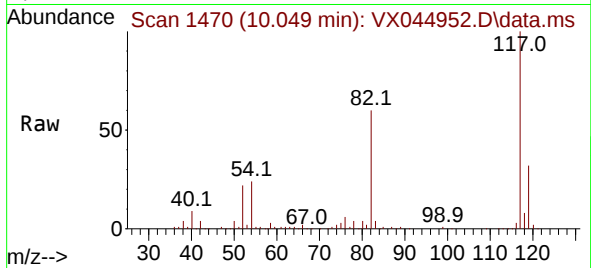
Tgt Ion: 95 Resp: 81007
Ion Ratio Lower Upper
95 100
174 73.6 0.0 142.6
176 70.3 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

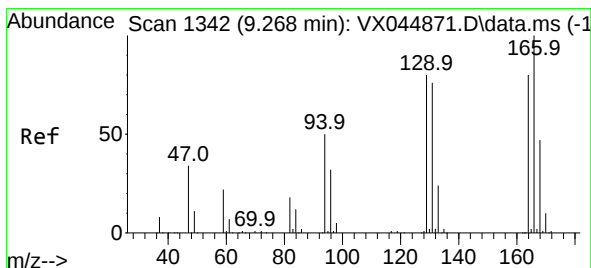
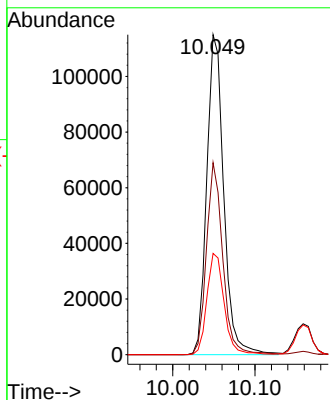
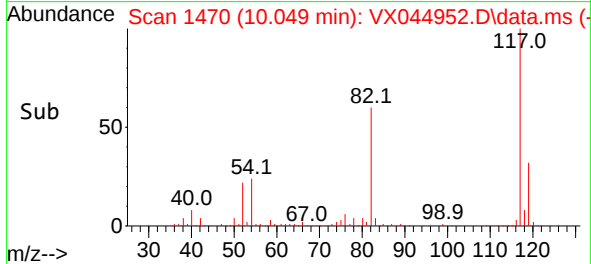
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



Tgt Ion:117 Resp: 164889
Ion Ratio Lower Upper
117 100
82 60.0 47.5 71.3
119 31.6 25.4 38.0

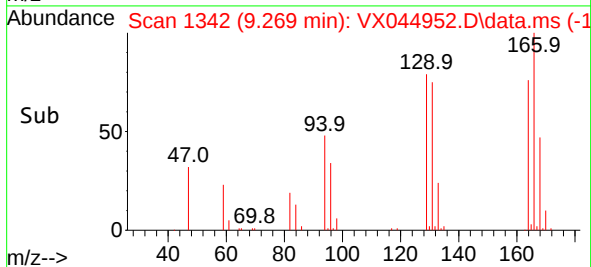
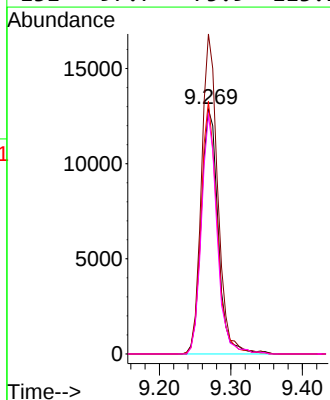
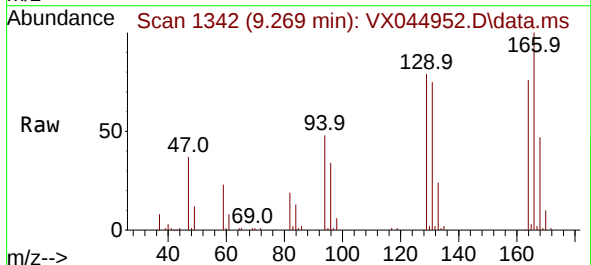
Manual Integrations
APPROVED

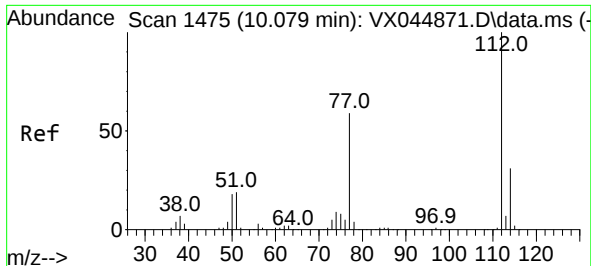
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#64
Tetrachloroethene
Concen: 20.294 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Tgt Ion:164 Resp: 21103
Ion Ratio Lower Upper
164 100
166 130.8 100.4 150.6
129 103.4 79.9 119.9
131 97.7 75.9 113.9





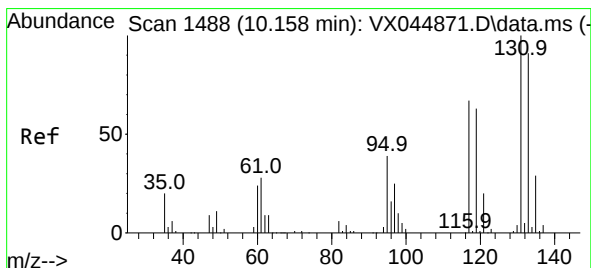
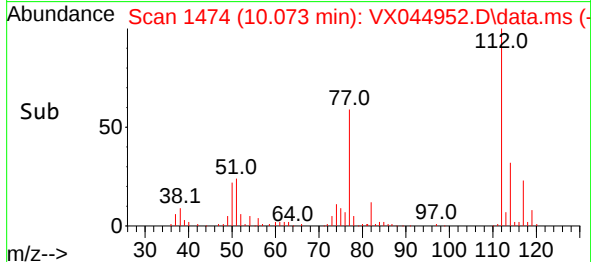
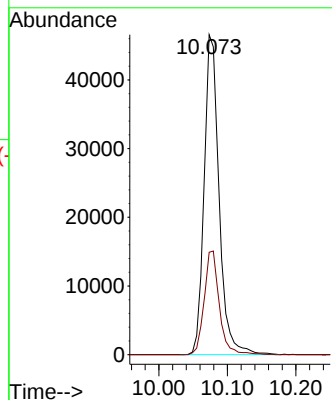
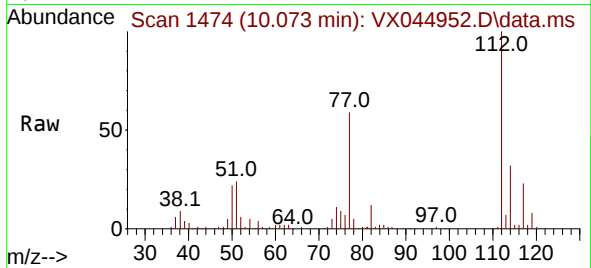
#65
Chlorobenzene
Concen: 20.006 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tgt Ion:112 Resp: 7085
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6

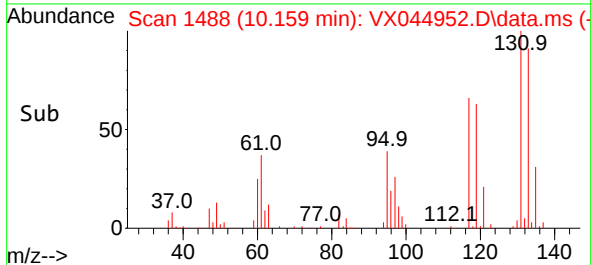
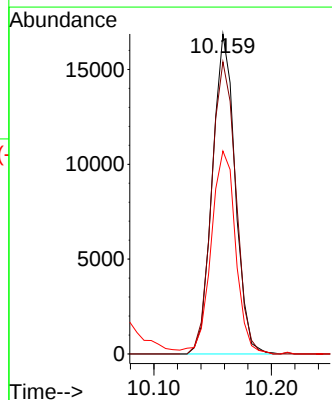
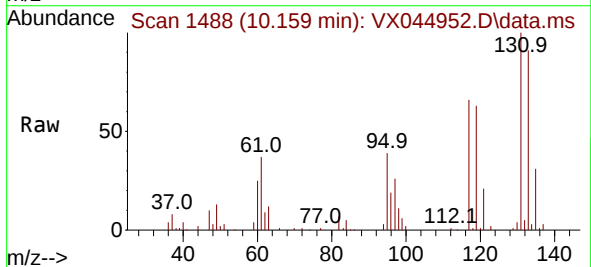
Manual Integrations
APPROVED

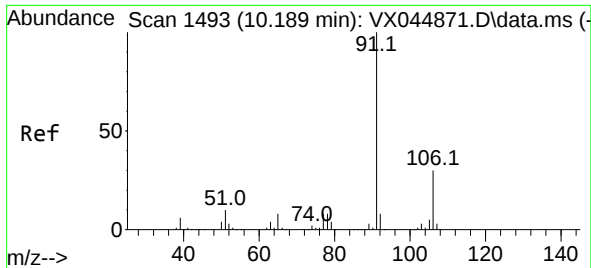
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 19.951 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

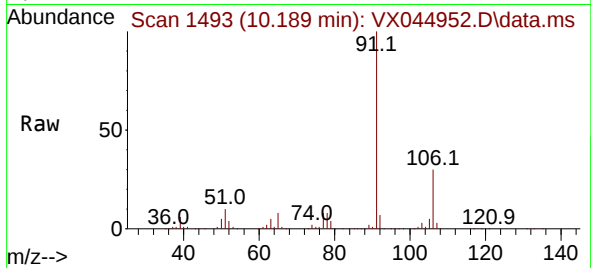
Tgt Ion:131 Resp: 22743
Ion Ratio Lower Upper
131 100
133 97.0 47.1 141.3
119 67.9 33.6 100.6





#67
Ethyl Benzene
Concen: 19.631 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

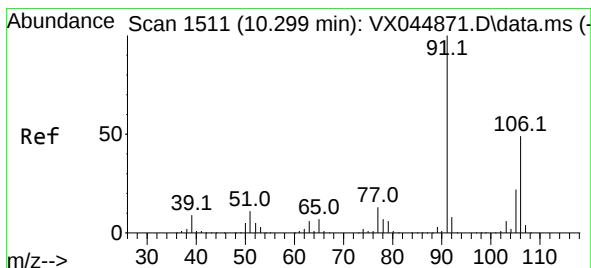
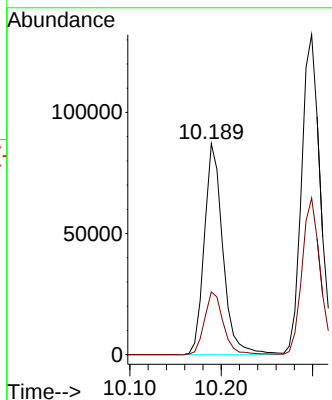
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



Tgt Ion: 91 Resp: 122685
Ion Ratio Lower Upper
91 100
106 29.7 23.9 35.9

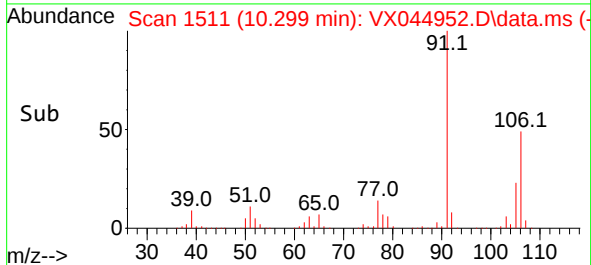
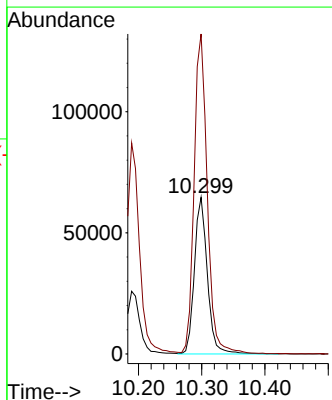
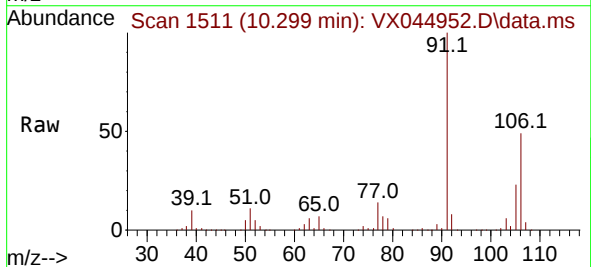
Manual Integrations
APPROVED

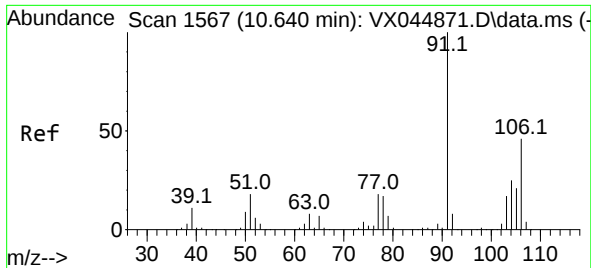
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#68
m/p-Xylenes
Concen: 40.136 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Tgt Ion:106 Resp: 92530
Ion Ratio Lower Upper
106 100
91 207.2 164.3 246.5





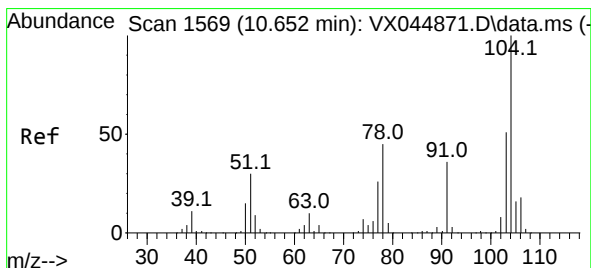
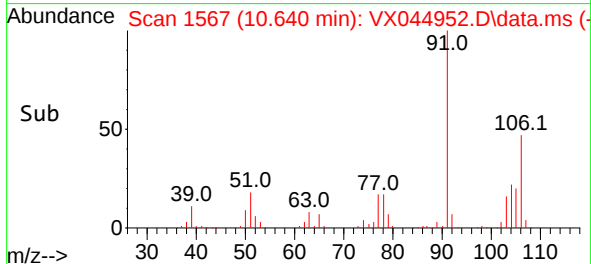
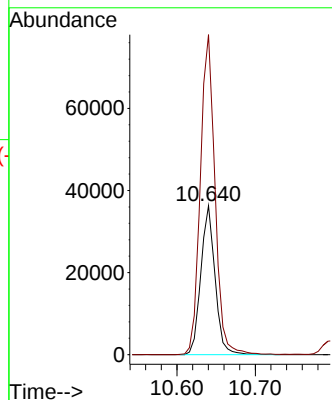
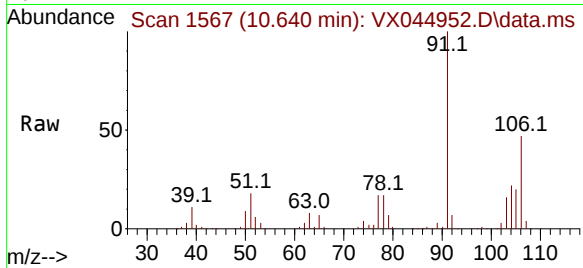
#69
o-Xylene
Concen: 19.838 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tgt Ion:106 Resp: 4589
Ion Ratio Lower Upper
106 100
91 221.9 108.5 325.5

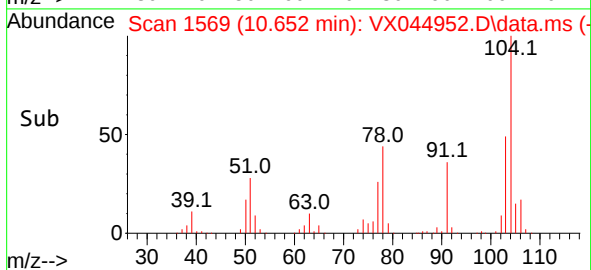
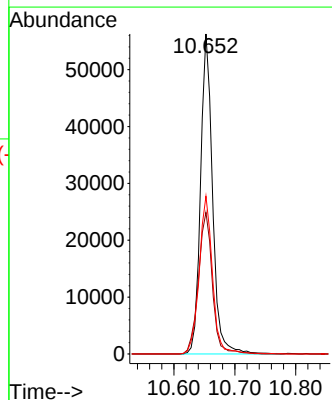
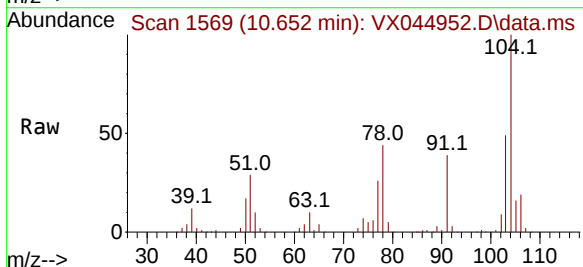
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#70
Styrene
Concen: 20.741 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

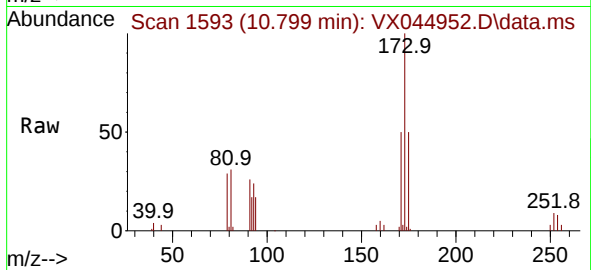
Tgt Ion:104 Resp: 77302
Ion Ratio Lower Upper
104 100
78 51.2 40.5 60.7
103 54.7 43.6 65.4





#71
Bromoform
Concen: 21.264 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

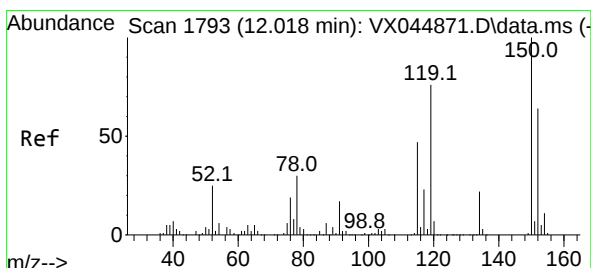
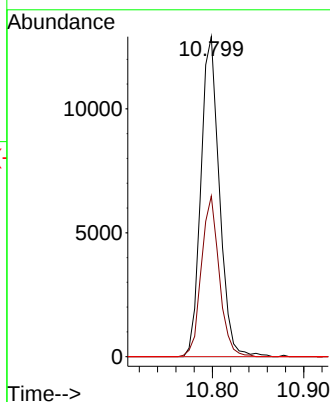
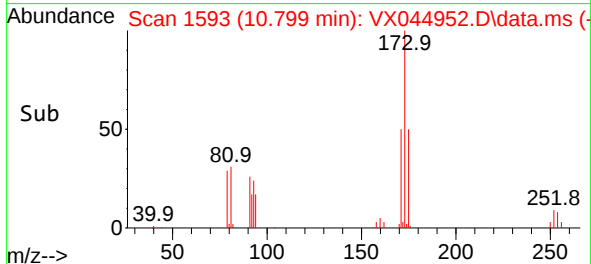
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



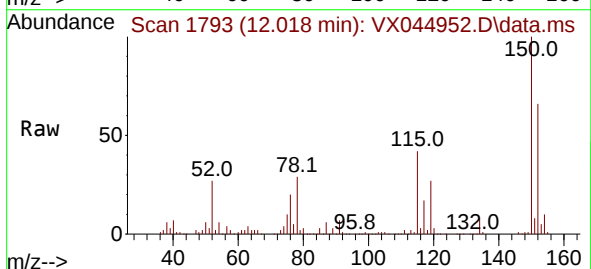
Tgt Ion:173 Resp: 18090
Ion Ratio Lower Upper
173 100
175 48.6 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

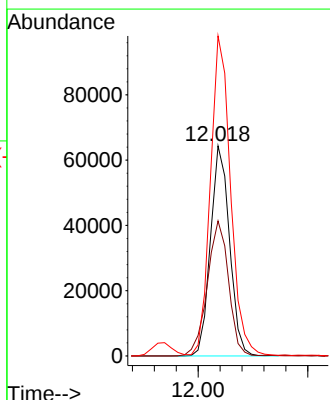
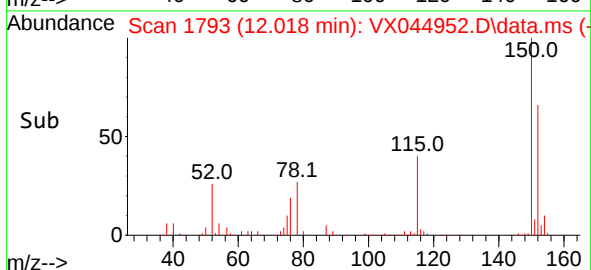
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

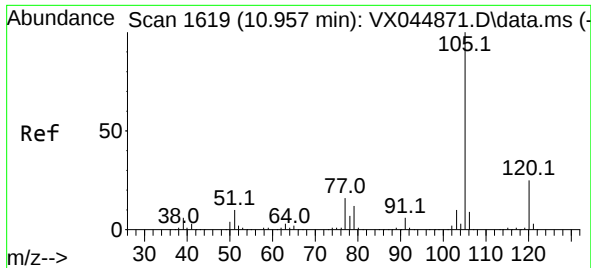


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40



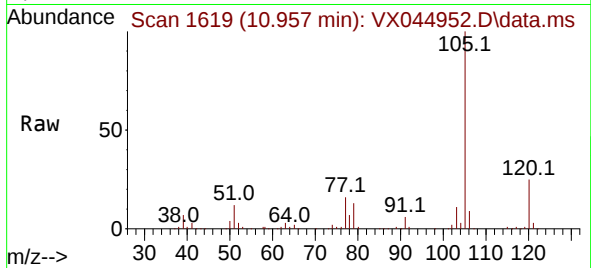
Tgt Ion:152 Resp: 77784
Ion Ratio Lower Upper
152 100
115 71.7 43.4 130.1
150 160.7 0.0 350.4





#73
Isopropylbenzene
Concen: 18.691 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

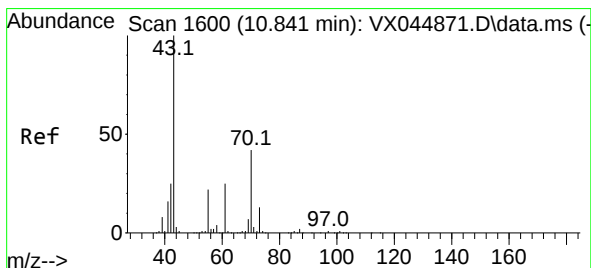
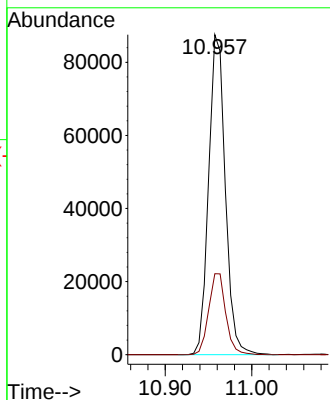
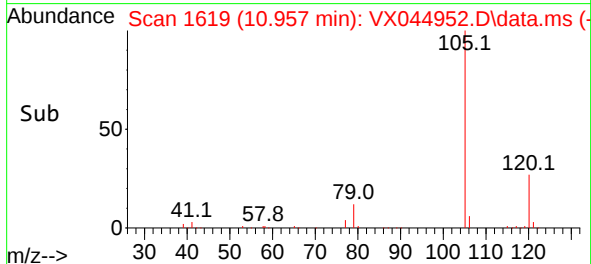
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



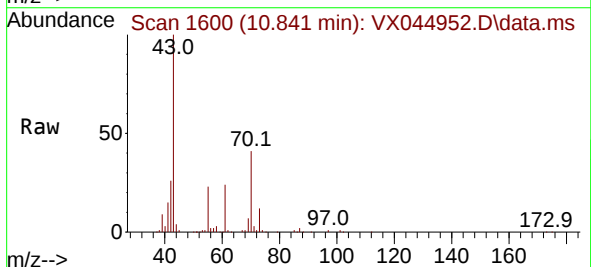
Tgt Ion:105 Resp: 117063
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5

Manual Integrations
APPROVED

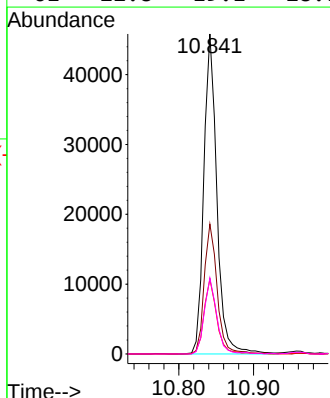
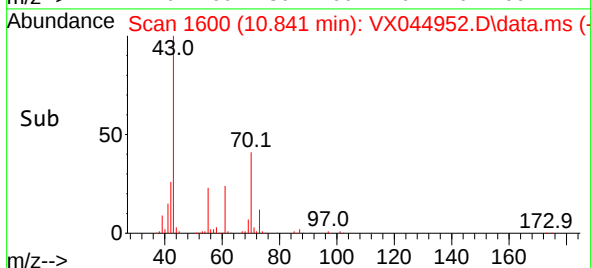
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#74
N-ethyl acetate
Concen: 19.604 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40



Tgt Ion: 43 Resp: 55559
Ion Ratio Lower Upper
43 100
70 40.6 33.7 50.5
55 22.9 18.6 27.8
61 22.8 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.576 ug/l

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

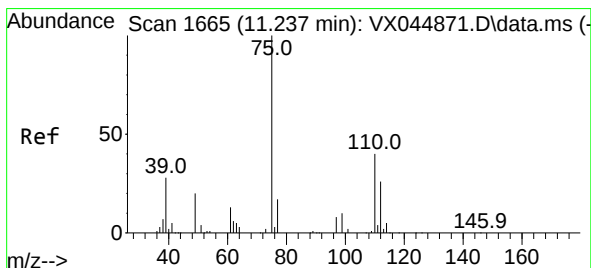
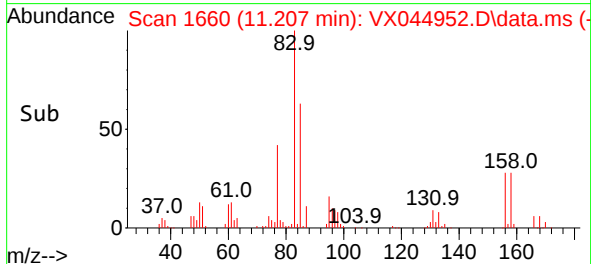
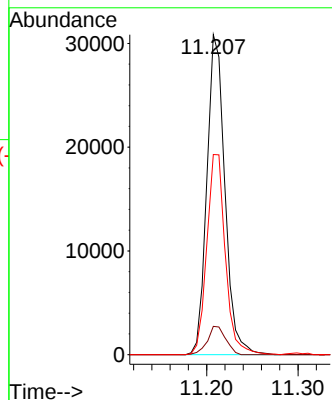
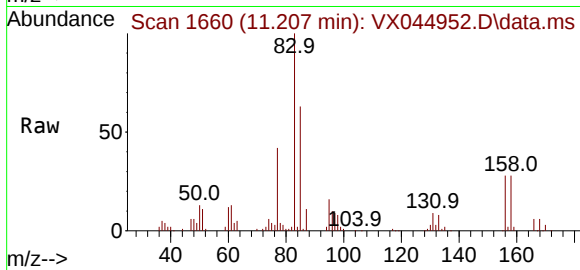
Tgt Ion: 83 Resp: 42130
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.5 13.5
 85 64.4 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#76

1,2,3-Trichloropropane

Concen: 19.747 ug/l m

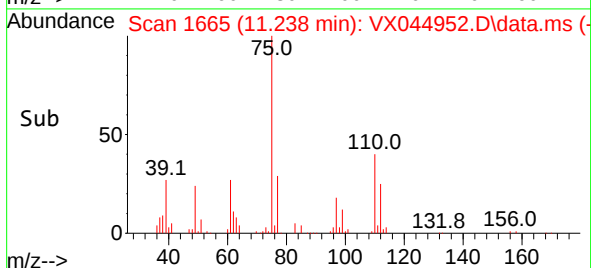
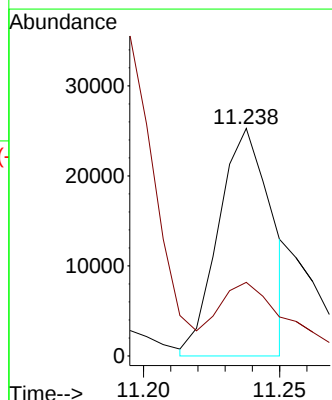
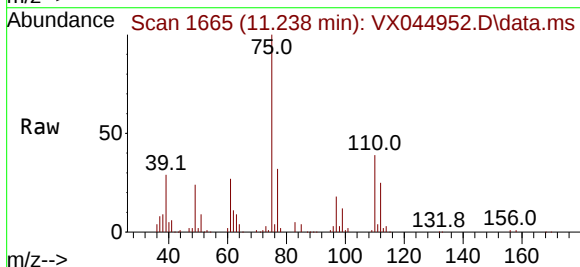
RT: 11.238 min Scan# 1665

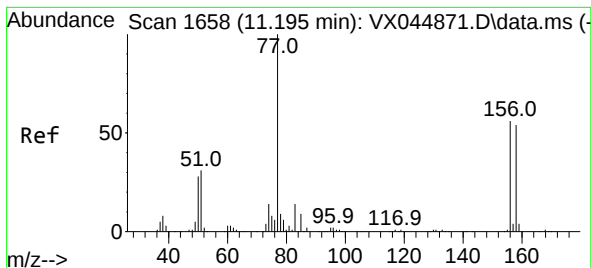
Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Tgt Ion: 75 Resp: 34055
 Ion Ratio Lower Upper
 75 100
 77 42.3 21.9 65.7





#77

Bromobenzene

Concen: 19.251 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

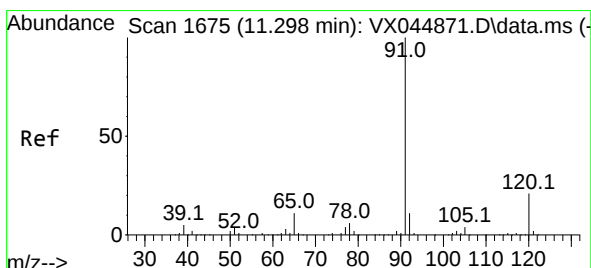
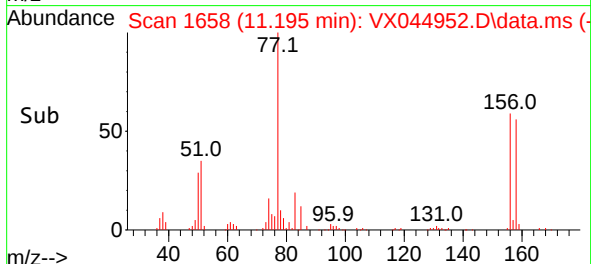
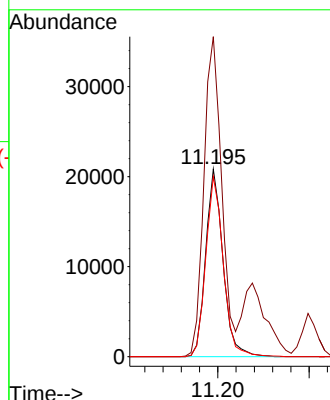
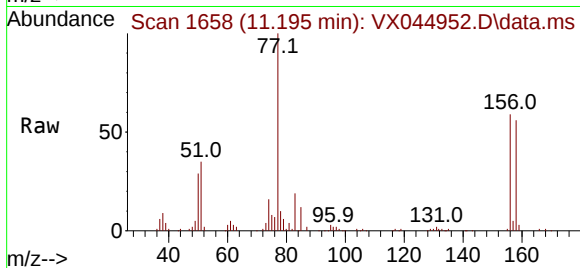
Tgt Ion:	156	Resp:	2733
Ion Ratio	Lower	Upper	
156	100		
77	175.6	88.4	265.3
158	97.2	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#78

n-propylbenzene

Concen: 19.101 ug/l

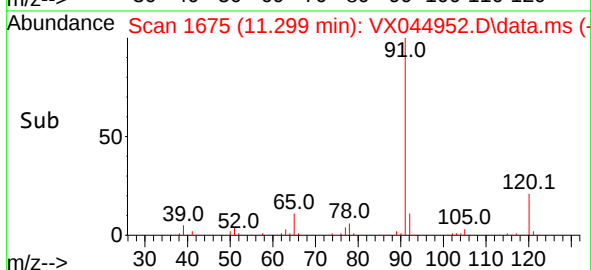
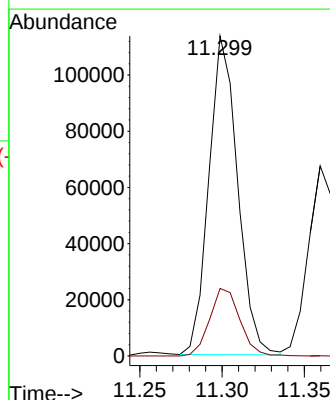
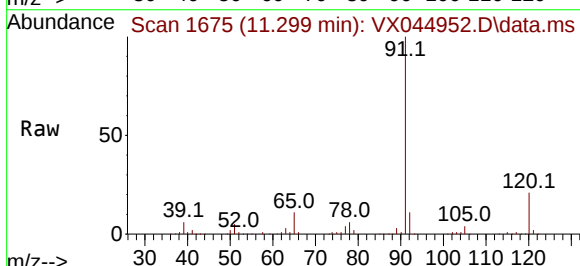
RT: 11.299 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Tgt Ion:	91	Resp:	138085
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.1	33.3





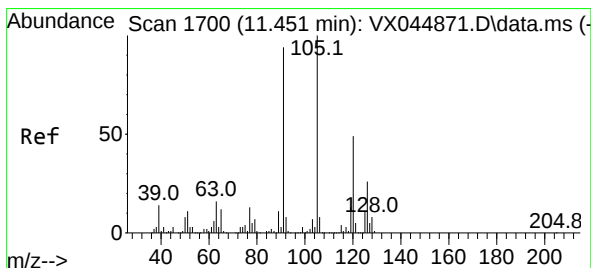
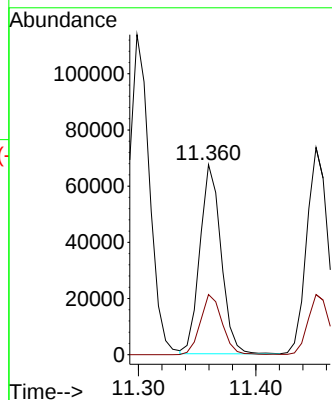
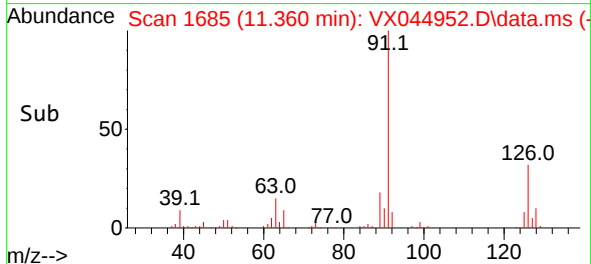
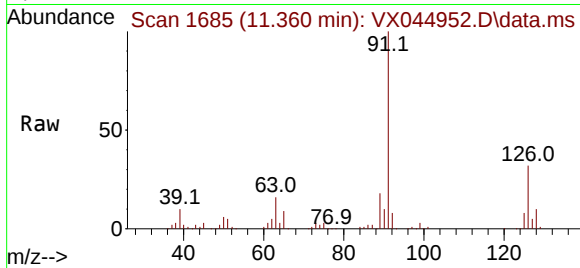
#79
2-Chlorotoluene
Concen: 18.982 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tgt Ion: 91 Resp: 8433
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.6

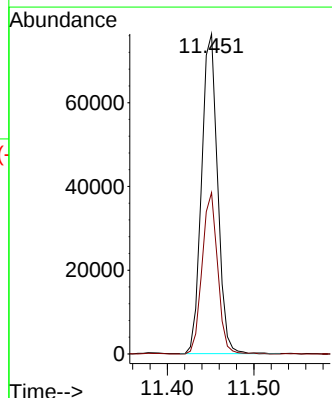
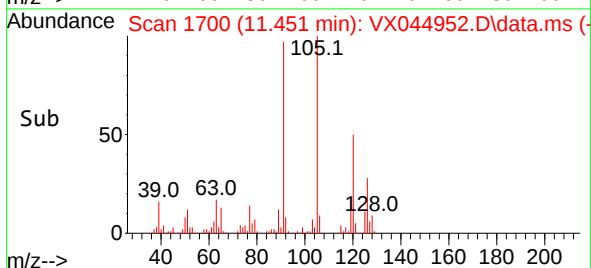
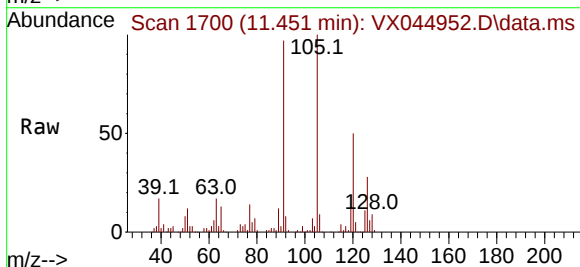
Manual Integrations
APPROVED

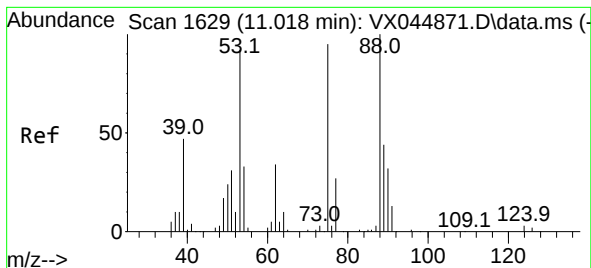
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.292 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Tgt Ion:105 Resp: 98051
Ion Ratio Lower Upper
105 100
120 48.9 24.0 72.0





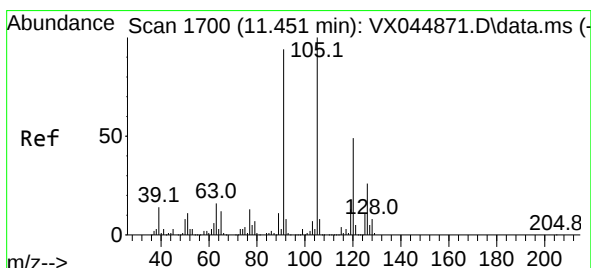
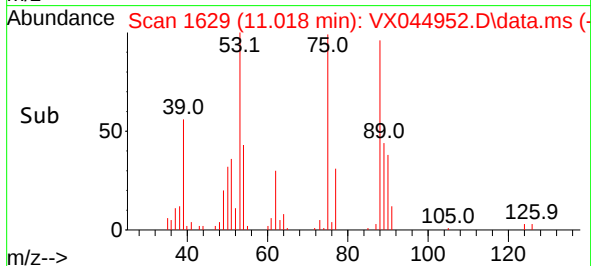
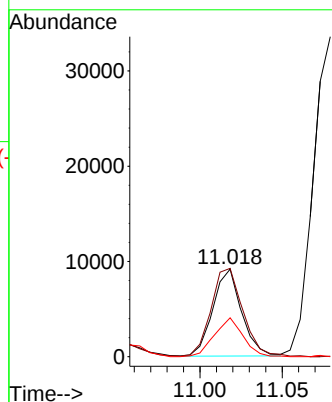
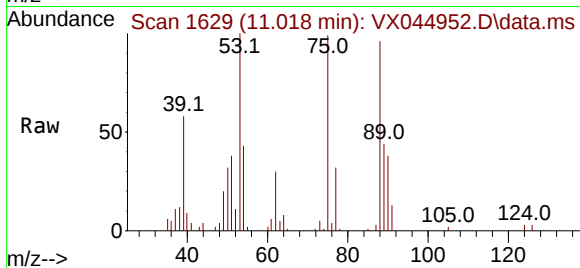
#81
trans-1,4-Dichloro-2-butene
Concen: 16.496 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tgt Ion: 75 Resp: 11059
Ion Ratio Lower Upper
75 100
53 113.0 78.0 117.0
89 44.6 36.6 54.8

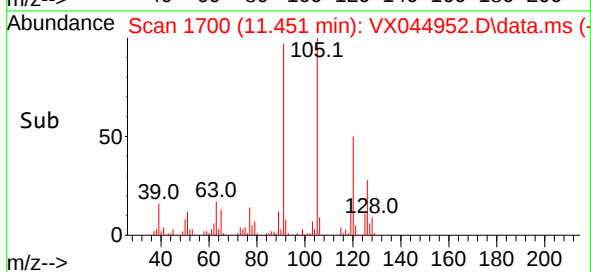
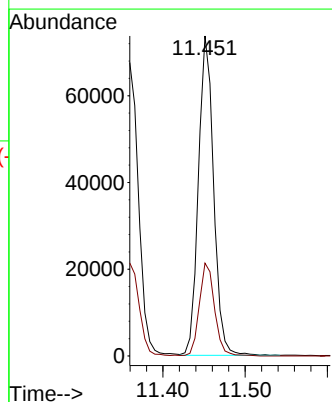
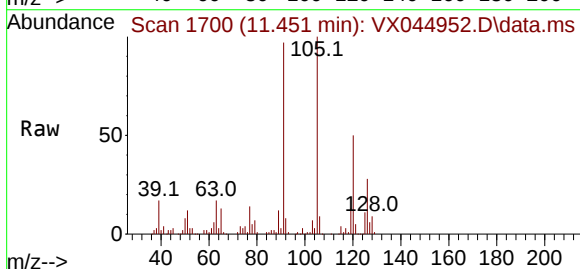
Manual Integrations
APPROVED

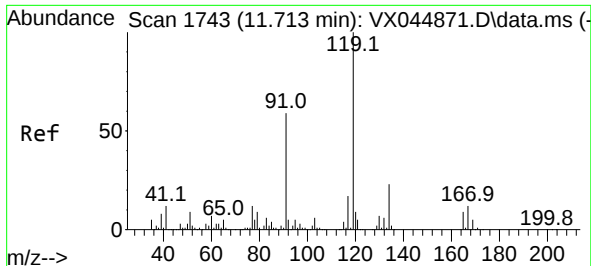
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#82
4-Chlorotoluene
Concen: 19.233 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Tgt Ion: 91 Resp: 94538
Ion Ratio Lower Upper
91 100
126 29.1 14.2 42.6





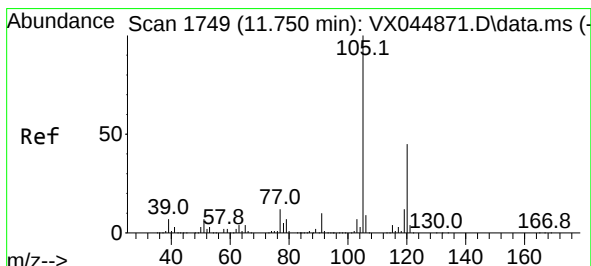
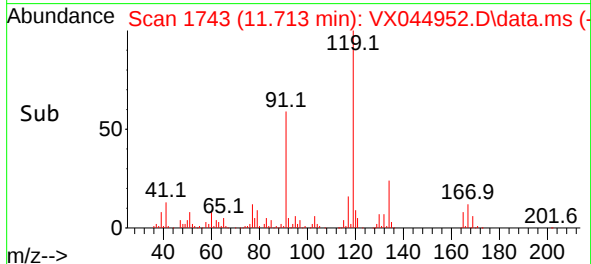
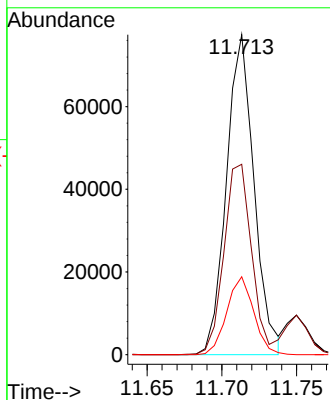
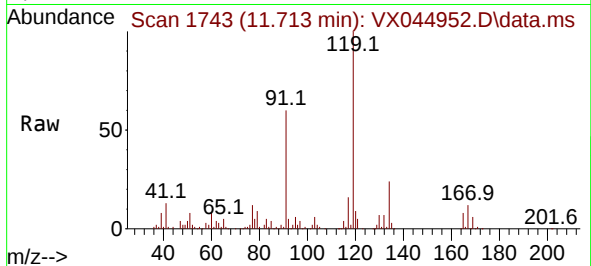
#83
tert-Butylbenzene
Concen: 19.359 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tgt Ion:119 Resp: 99538
Ion Ratio Lower Upper
119 100
91 59.2 29.1 87.4
134 23.7 11.5 34.5

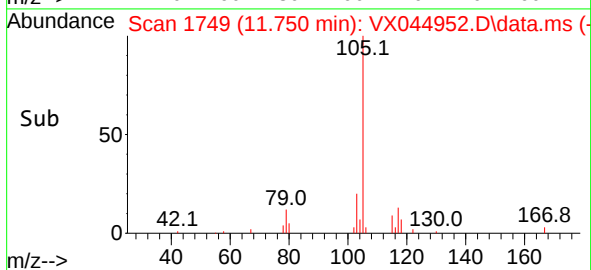
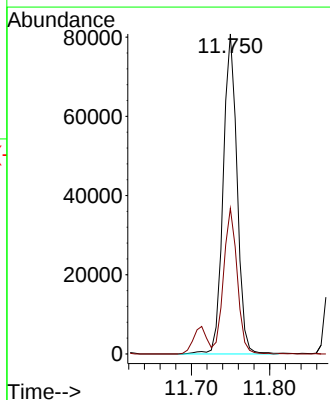
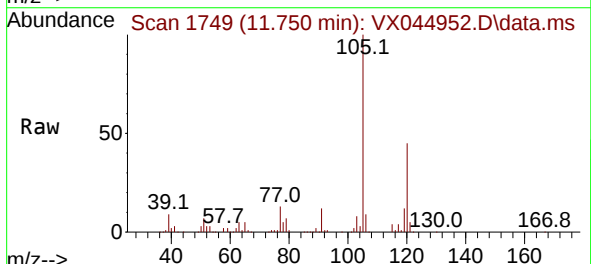
Manual Integrations
APPROVED

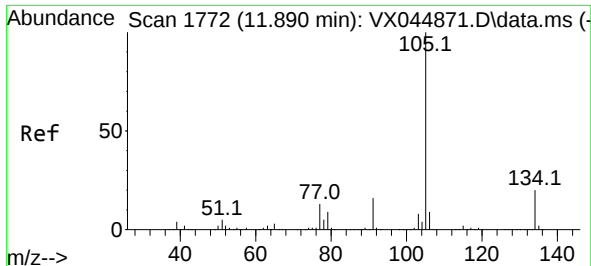
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#84
1,2,4-Trimethylbenzene
Concen: 19.957 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

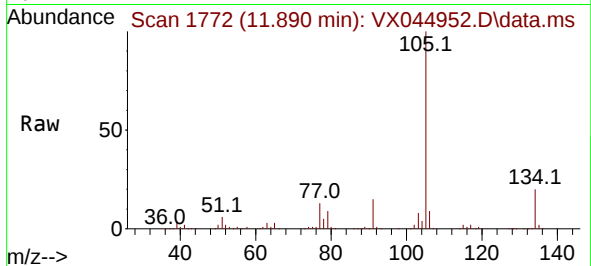
Tgt Ion:105 Resp: 100112
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.0





#85
sec-Butylbenzene
Concen: 19.808 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

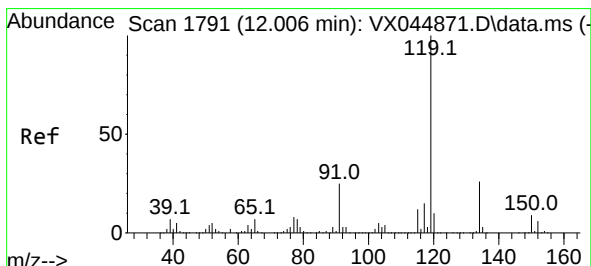
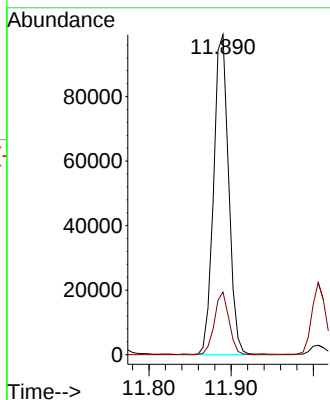
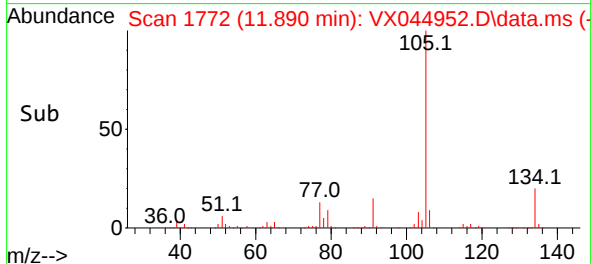
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



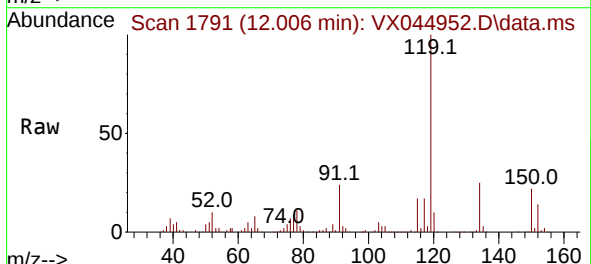
Tgt Ion:105 Resp: 12611
Ion Ratio Lower Upper
105 100
134 19.0 9.8 29.3

Manual Integrations
APPROVED

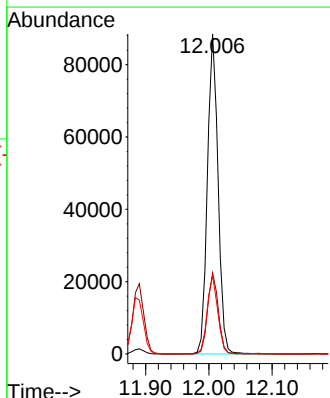
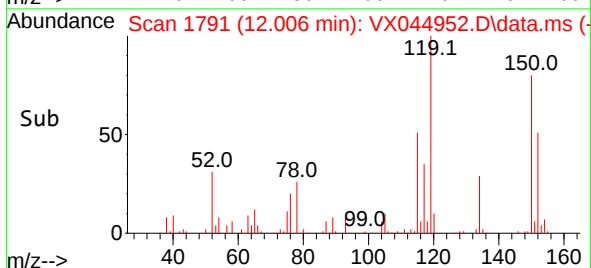
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#86
p-Isopropyltoluene
Concen: 20.263 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40



Tgt Ion:119 Resp: 103751
Ion Ratio Lower Upper
119 100
134 25.3 13.0 38.9
91 24.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.359 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

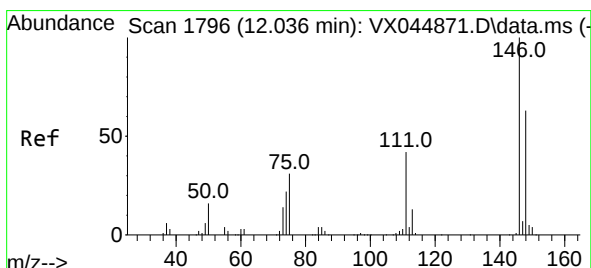
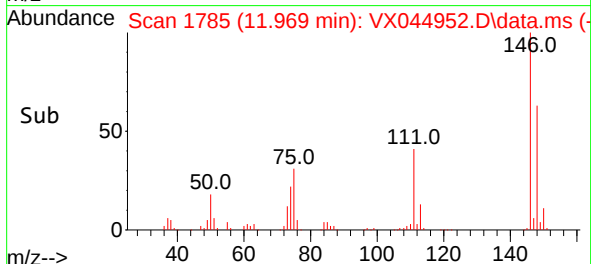
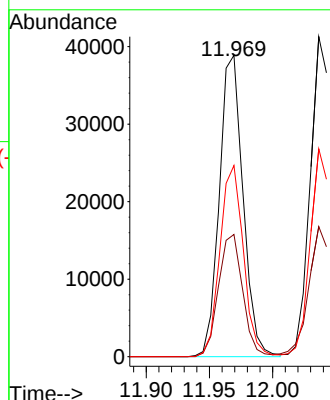
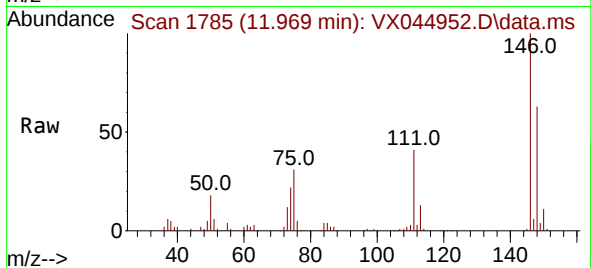
Tgt Ion:146 Resp: 50550
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.2 63.6
 148 62.9 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#88

1,4-Dichlorobenzene

Concen: 19.395 ug/l

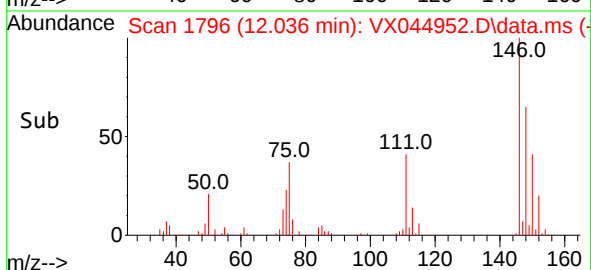
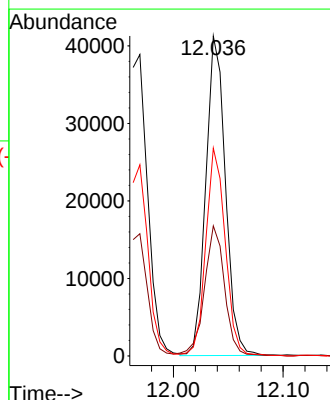
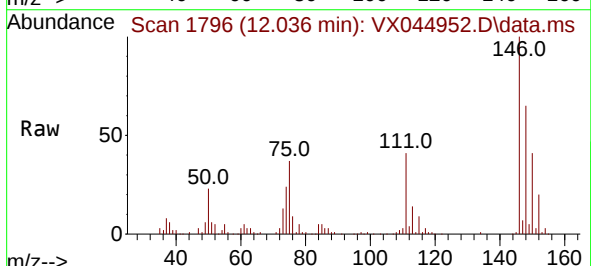
RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Tgt Ion:146 Resp: 51205
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.4 61.3
 148 64.7 32.0 96.0





#89

n-Butylbenzene

Concen: 19.975 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

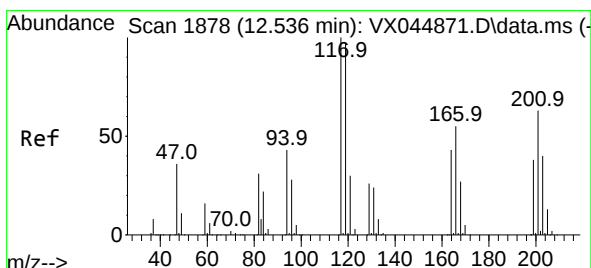
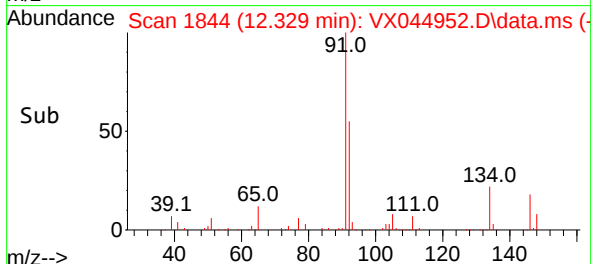
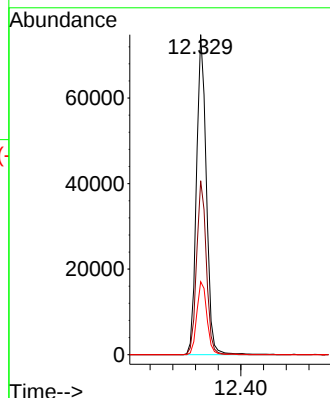
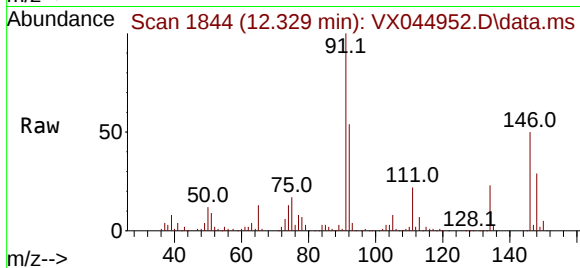
Tgt Ion: 91 Resp: 9048
 Ion Ratio Lower Upper
 91 100
 92 53.9 27.2 81.6
 134 23.3 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#90

Hexachloroethane

Concen: 17.989 ug/l

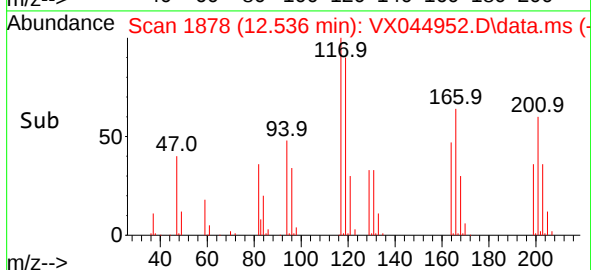
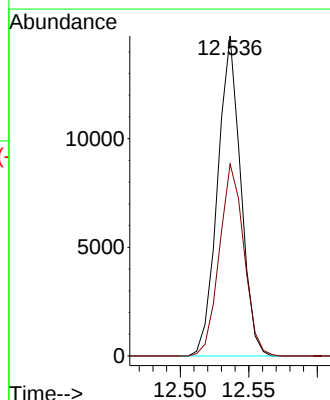
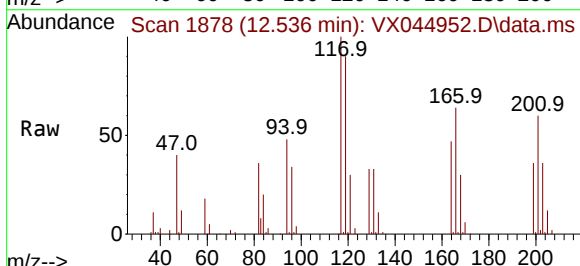
RT: 12.536 min Scan# 1878

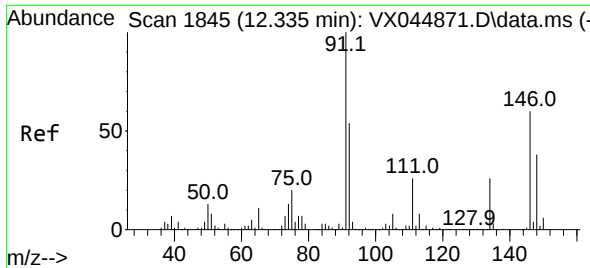
Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

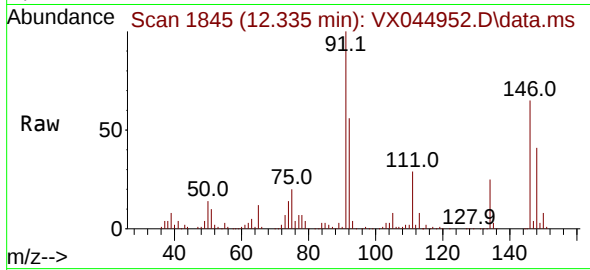
Tgt Ion:117 Resp: 17246
 Ion Ratio Lower Upper
 117 100
 201 63.8 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 20.469 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

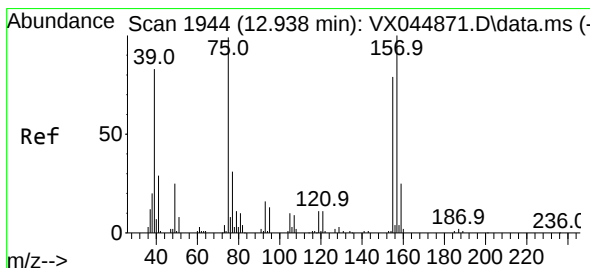
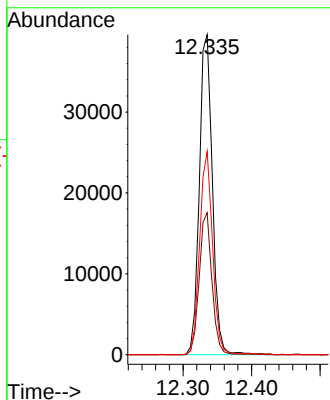
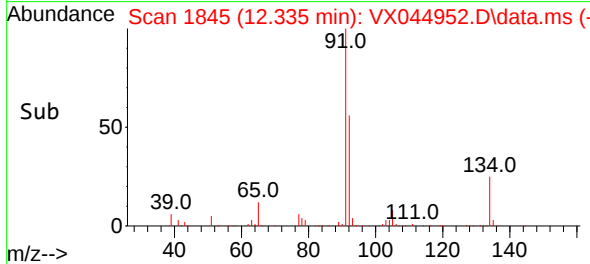
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



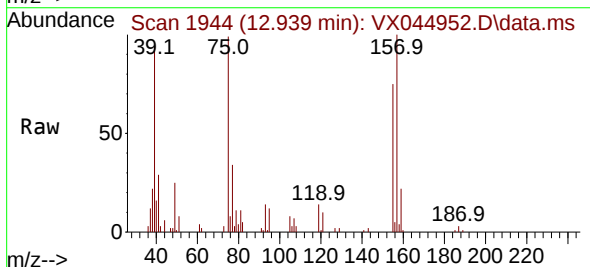
Tgt Ion:146 Resp: 52530
Ion Ratio Lower Upper
146 100
111 43.5 21.8 65.4
148 62.6 31.9 95.9

Manual Integrations
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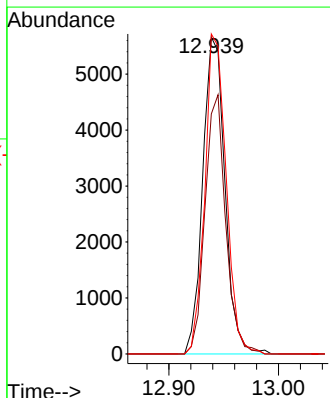
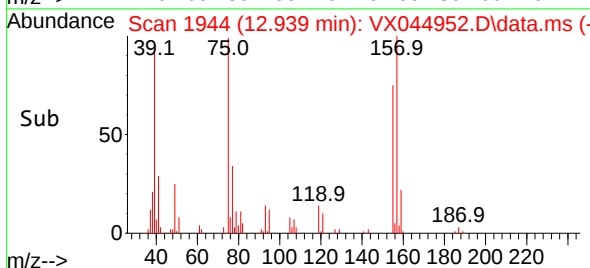
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.217 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40



Tgt Ion: 75 Resp: 7941
Ion Ratio Lower Upper
75 100
155 76.6 40.5 121.4
157 96.7 51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 19.066 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

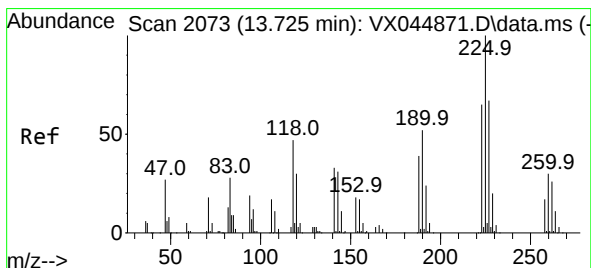
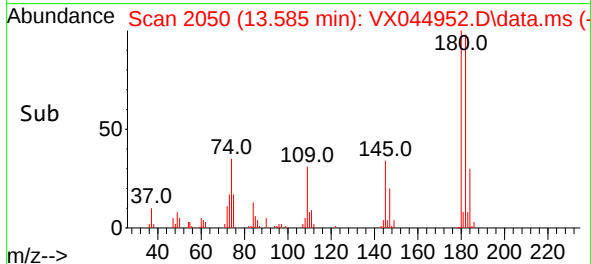
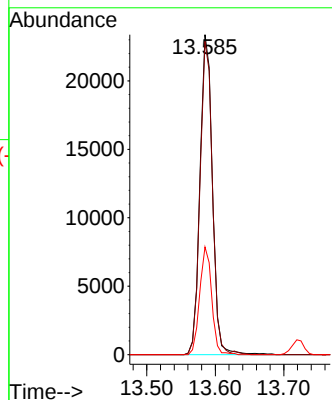
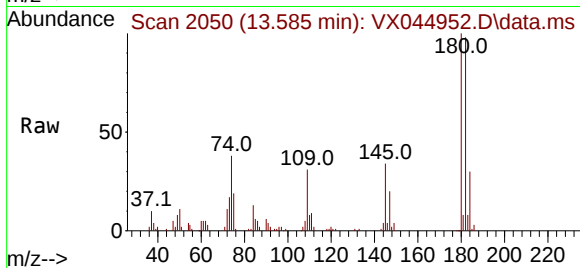
Tgt Ion:180	Resp:	29608
Ion Ratio	Lower	Upper
180	100	
182	97.1	47.6 142.8
145	32.3	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#94

Hexachlorobutadiene

Concen: 19.827 ug/l

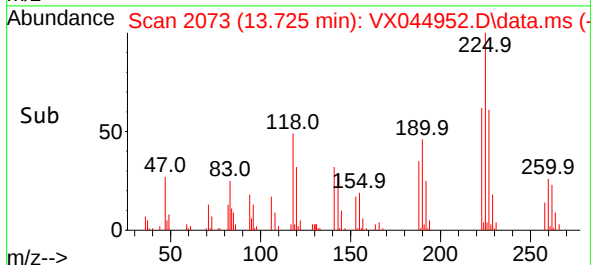
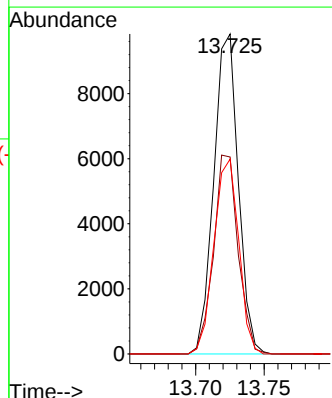
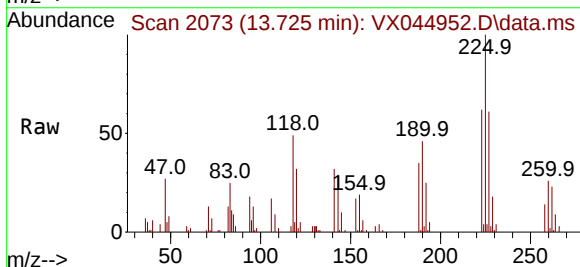
RT: 13.725 min Scan# 2073

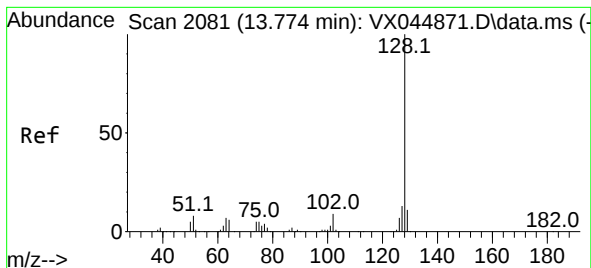
Delta R.T. 0.000 min

Lab File: VX044952.D

Acq: 14 Feb 2025 11:40

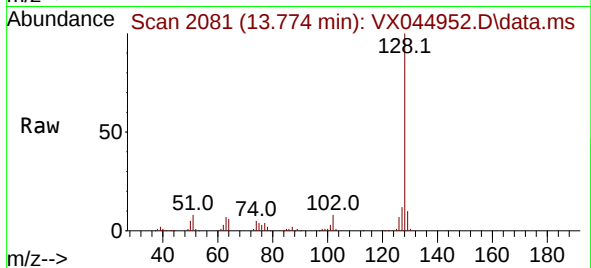
Tgt Ion:225	Resp:	12223
Ion Ratio	Lower	Upper
225	100	
223	62.4	31.4 94.2
227	61.6	32.3 96.8





#95
Naphthalene
Concen: 19.661 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

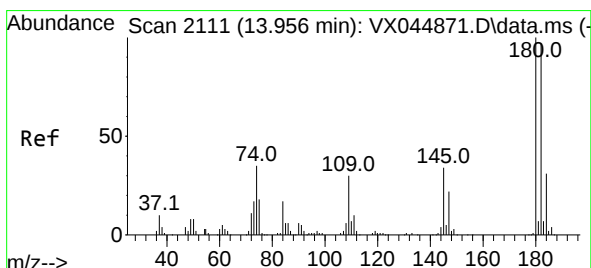
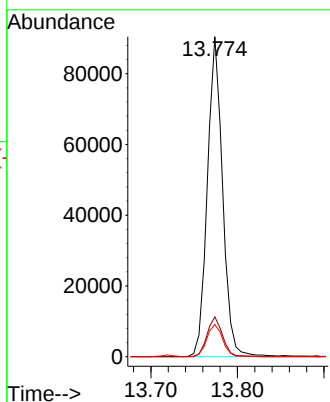
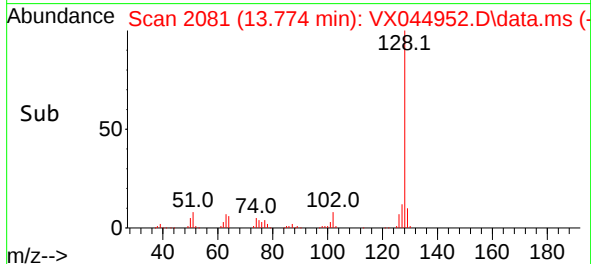
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01



Tgt Ion:128 Resp: 110360
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.5 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.564 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044952.D
Acq: 14 Feb 2025 11:40

Tgt Ion:180 Resp: 30613
Ion Ratio Lower Upper
180 100
182 95.0 47.9 143.6
145 35.5 17.1 51.3

