

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044870.D
 Acq On : 10 Feb 2025 11:11
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 02:00:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 01:47:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	129532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	234445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	207667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	37195	19.616	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.240%#		
35) Dibromofluoromethane	5.379	113	30170	19.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.580%#		
50) Toluene-d8	8.647	98	117127	20.321	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	40.640%#		
62) 4-Bromofluorobenzene	11.079	95	38475	19.800	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	39.600%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	37123	20.434	ug/l	98
3) Chloromethane	1.301	50	44666	20.200	ug/l	95
4) Vinyl Chloride	1.374	62	43901	20.494	ug/l	99
5) Bromomethane	1.593	94	13057	20.369	ug/l	99
6) Chloroethane	1.660	64	14523	16.522	ug/l	94
7) Trichlorofluoromethane	1.868	101	56805	20.969	ug/l	98
8) Diethyl Ether	2.130	74	20699	21.069	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	34593	21.135	ug/l	99
10) Methyl Iodide	2.441	142	44749	21.096	ug/l	99
11) Tert butyl alcohol	2.989	59	35834	101.870	ug/l	100
12) 1,1-Dichloroethene	2.307	96	34270	20.526	ug/l	99
13) Acrolein	2.233	56	33914	93.445	ug/l	99
14) Allyl chloride	2.654	41	61485	20.377	ug/l	98
15) Acrylonitrile	3.063	53	98518	104.896	ug/l	98
16) Acetone	2.380	43	77078	101.119	ug/l	98
17) Carbon Disulfide	2.502	76	92552	20.216	ug/l	99
18) Methyl Acetate	2.703	43	47970	19.943	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	110377	20.779	ug/l	98
20) Methylene Chloride	2.782	84	38390	20.562	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	34064	20.730	ug/l	92
22) Diisopropyl ether	3.757	45	120300	21.074	ug/l	93
23) Vinyl Acetate	3.715	43	490239	105.341	ug/l	99
24) 1,1-Dichloroethane	3.599	63	66942	20.958	ug/l	99
25) 2-Butanone	4.556	43	130481	105.417	ug/l	96
26) 2,2-Dichloropropane	4.471	77	51803	20.451	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	42096	21.328	ug/l	97
28) Bromochloromethane	4.885	49	31474	20.504	ug/l	99
29) Tetrahydrofuran	5.001	42	86875	105.700	ug/l	99
30) Chloroform	5.087	83	65721	21.217	ug/l	98
31) Cyclohexane	5.458	56	60814	20.653	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	54450	20.724	ug/l	100
36) 1,1-Dichloropropene	5.684	75	45991	20.913	ug/l	99
37) Ethyl Acetate	4.715	43	51242	20.949	ug/l	99
38) Carbon Tetrachloride	5.666	117	44802	20.790	ug/l	99
39) Methylcyclohexane	7.373	83	62505	21.985	ug/l	98
40) Benzene	6.031	78	147912	21.540	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	27347	20.887	ug/l	94
42) 1,2-Dichloroethane	6.086	62	47095	21.519	ug/l	100
43) Isopropyl Acetate	6.336	43	84306	21.343	ug/l	99
44) Trichloroethene	7.123	130	34390	21.910	ug/l	96
45) 1,2-Dichloropropane	7.428	63	36510	21.371	ug/l	99
46) Dibromomethane	7.574	93	25300	21.354	ug/l	99
47) Bromodichloromethane	7.818	83	48202	21.012	ug/l	97
48) Methyl methacrylate	7.690	41	39747	21.341	ug/l	100
49) 1,4-Dioxane	7.665	88	17153	429.262	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	263394	109.684	ug/l	99
52) Toluene	8.714	92	89726	21.940	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	48613	20.940	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	55026	21.259	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	33930	21.582	ug/l	98
56) Ethyl methacrylate	9.116	69	54674	21.533	ug/l	99
57) 1,3-Dichloropropane	9.305	76	60079	21.841	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	133072	106.736	ug/l	100
59) 2-Hexanone	9.427	43	190449	110.072	ug/l	98
60) Dibromochloromethane	9.519	129	35706	21.237	ug/l	99
61) 1,2-Dibromoethane	9.604	107	34463	21.628	ug/l	100
64) Tetrachloroethene	9.269	164	28519	21.776	ug/l	97
65) Chlorobenzene	10.073	112	94695	21.230	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	30344	21.136	ug/l	99
67) Ethyl Benzene	10.189	91	167865	21.327	ug/l	100
68) m/p-Xylenes	10.299	106	125271	43.144	ug/l	99
69) o-Xylene	10.640	106	62087	21.310	ug/l	97
70) Styrene	10.653	104	103740	22.101	ug/l	98
71) Bromoform	10.799	173	22592	21.086	ug/l #	99
73) Isopropylbenzene	10.957	105	160147	21.597	ug/l	99
74) N-amyl acetate	10.842	43	70542	21.023	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	52967	20.787	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42040m	20.589	ug/l	
77) Bromobenzene	11.195	156	36021	21.426	ug/l	97
78) n-propylbenzene	11.299	91	183212	21.406	ug/l	99
79) 2-Chlorotoluene	11.360	91	111782	21.250	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	130526	21.691	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	15375	19.370	ug/l	96
82) 4-Chlorotoluene	11.451	91	122303	21.016	ug/l	100
83) tert-Butylbenzene	11.713	119	130358	21.414	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	130211	21.924	ug/l	100
85) sec-Butylbenzene	11.890	105	162875	21.607	ug/l	100
86) p-Isopropyltoluene	12.006	119	130643	21.551	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	64141	20.747	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	64889	20.758	ug/l	98
89) n-Butylbenzene	12.329	91	113705	21.202	ug/l	100
90) Hexachloroethane	12.536	117	23153	20.398	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	64940	21.373	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9873	21.230	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	37308	20.292	ug/l	99
94) Hexachlorobutadiene	13.725	225	15312	20.979	ug/l	96
95) Naphthalene	13.774	128	142902	21.502	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	38389	20.722	ug/l	98

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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

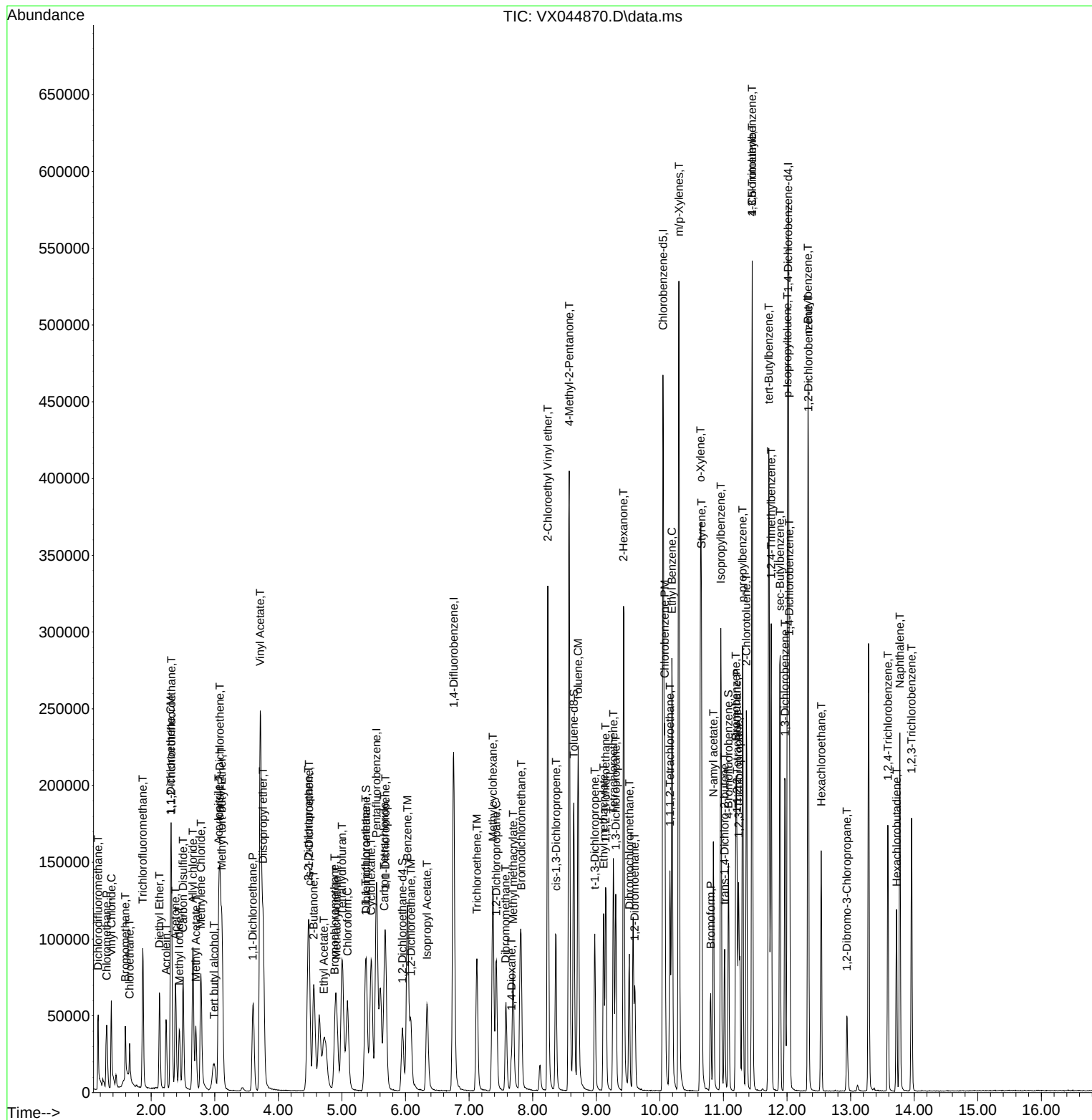
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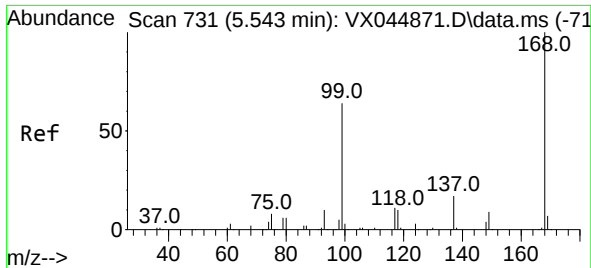
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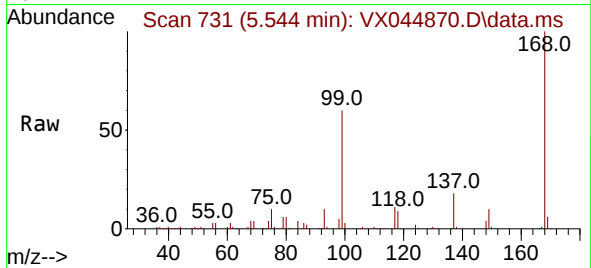
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044870.D
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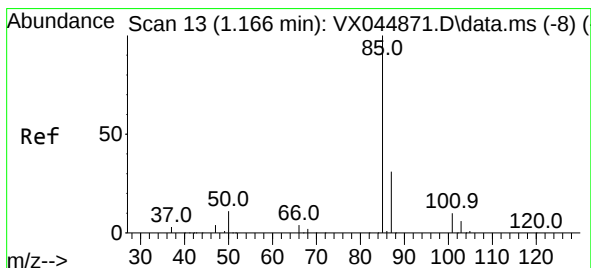
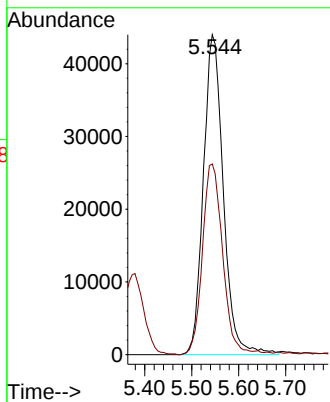
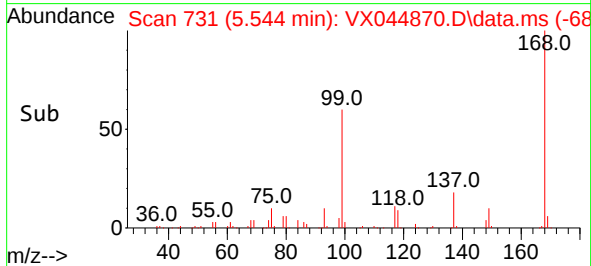
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 12953
Ion Ratio Lower Upper
168 100
99 59.6 51.2 76.8

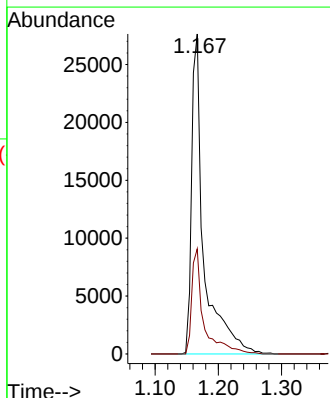
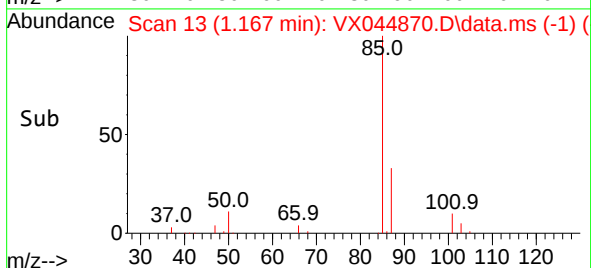
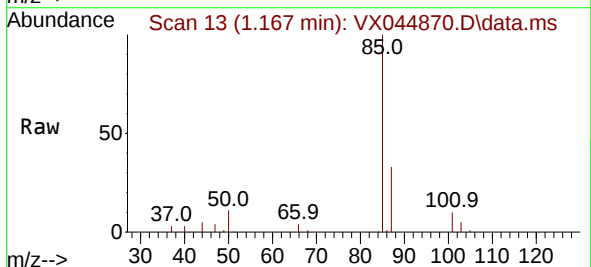
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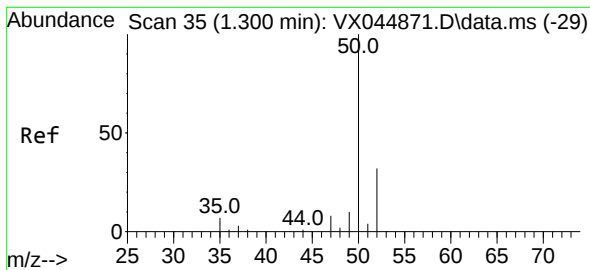
Reviewed By :John Carlone 02/11/2025
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#2
Dichlorodifluoromethane
Concen: 20.434 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion: 85 Resp: 37123
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.3





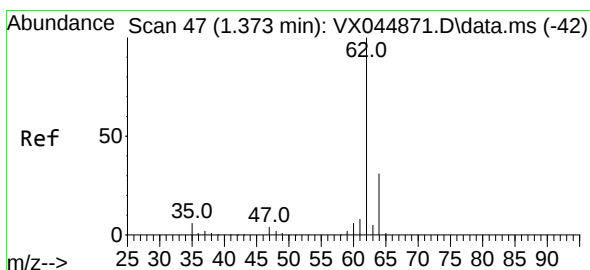
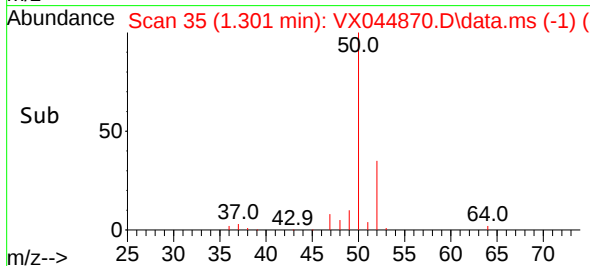
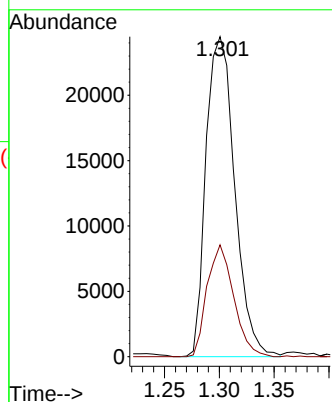
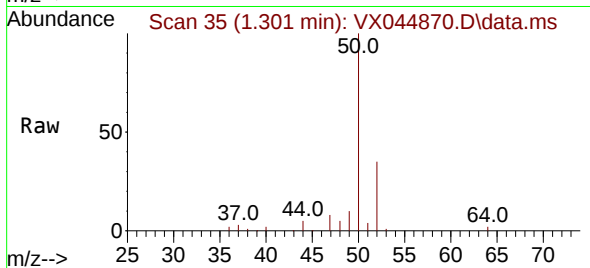
#3
Chloromethane
Concen: 20.200 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

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MSVOA_X
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Tgt Ion: 50 Resp: 44660
Ion Ratio Lower Upper
50 100
52 35.0 25.9 38.9

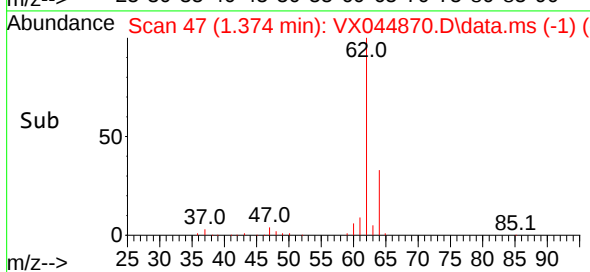
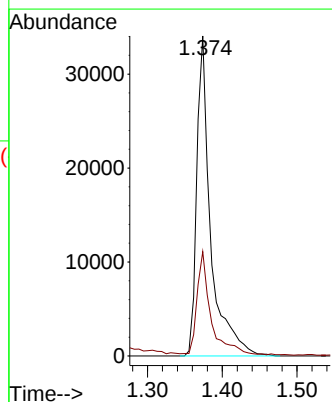
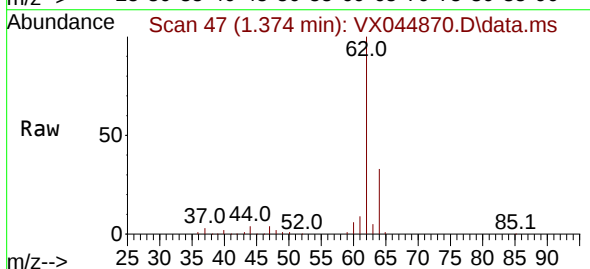
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#4
Vinyl Chloride
Concen: 20.494 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

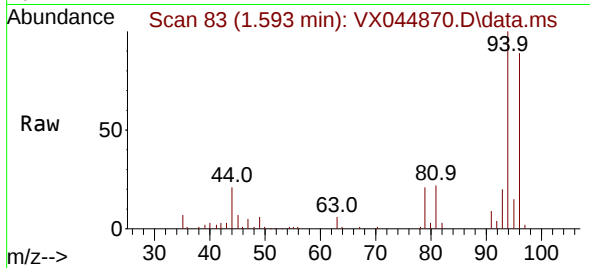
Tgt Ion: 62 Resp: 43901
Ion Ratio Lower Upper
62 100
64 32.2 25.4 38.0





#5
Bromomethane
Concen: 20.369 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

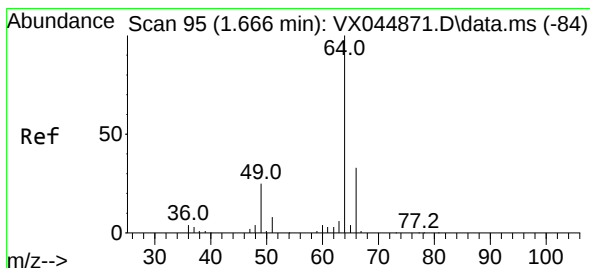
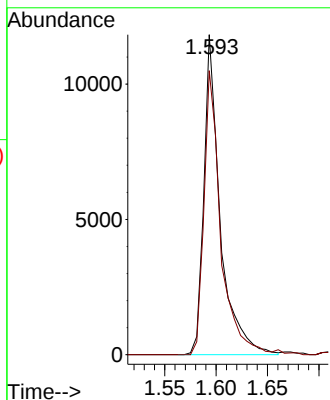
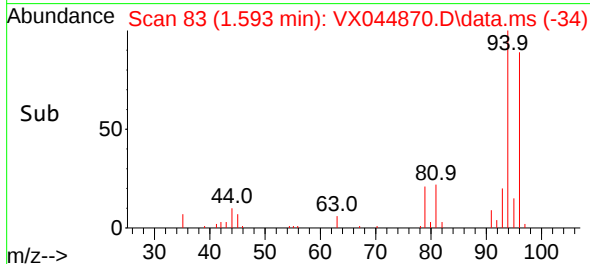
Instrument :
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Tgt Ion: 94 Resp: 1305
Ion Ratio Lower Upper
94 100
96 88.8 71.6 107.4

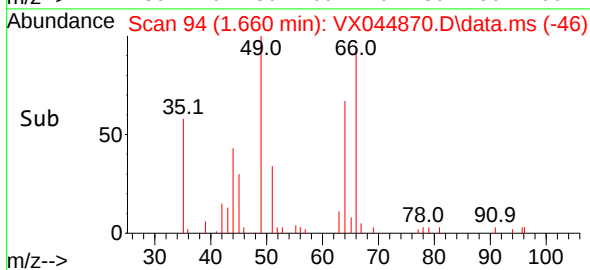
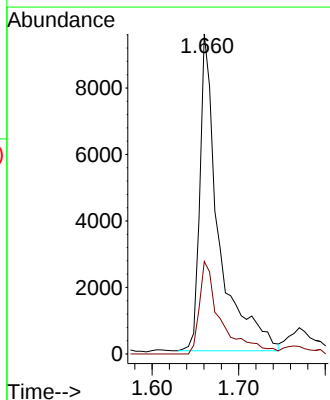
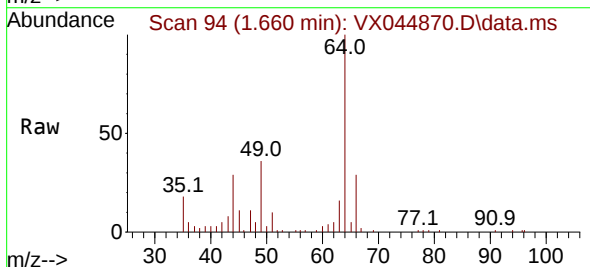
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#6
Chloroethane
Concen: 16.522 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion: 64 Resp: 14523
Ion Ratio Lower Upper
64 100
66 29.2 25.9 38.9





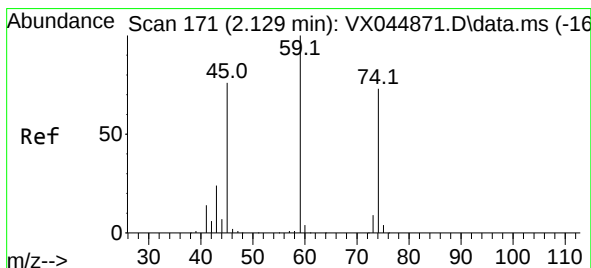
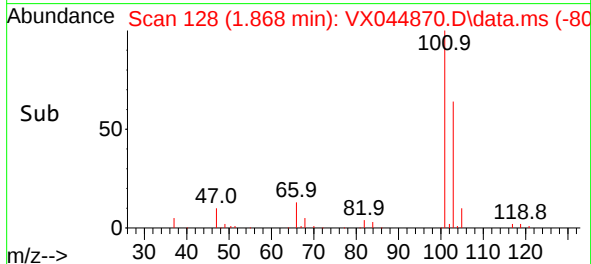
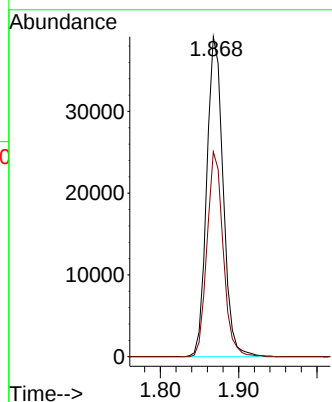
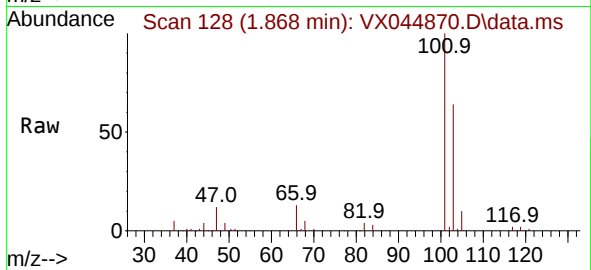
#7
Trichlorofluoromethane
Concen: 20.969 ug/l
RT: 1.868 min Scan# 129
Delta R.T. -0.006 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 5680
Ion Ratio Lower Upper
101 100
103 64.0 52.4 78.6

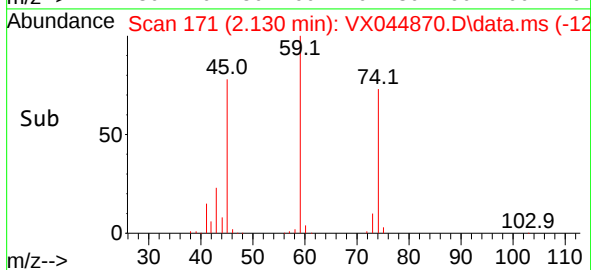
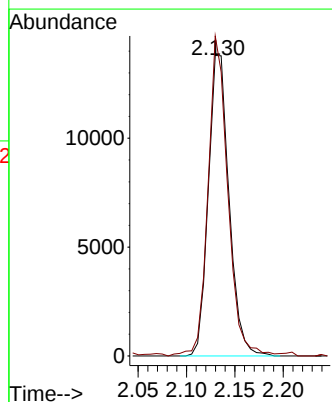
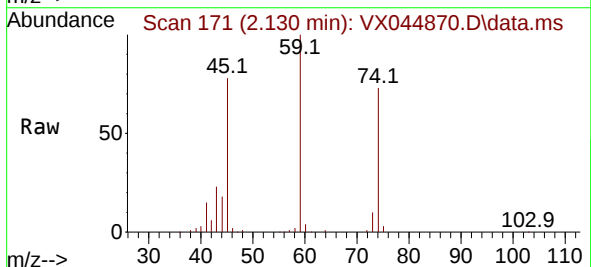
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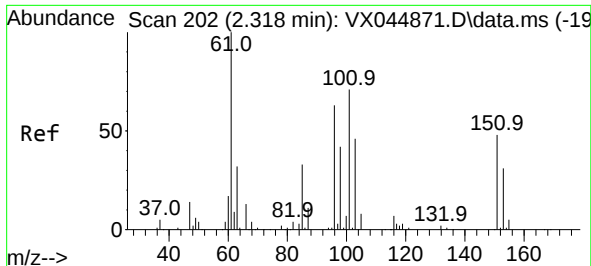
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#8
Diethyl Ether
Concen: 21.069 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion: 74 Resp: 20699
Ion Ratio Lower Upper
74 100
45 101.2 51.1 153.4





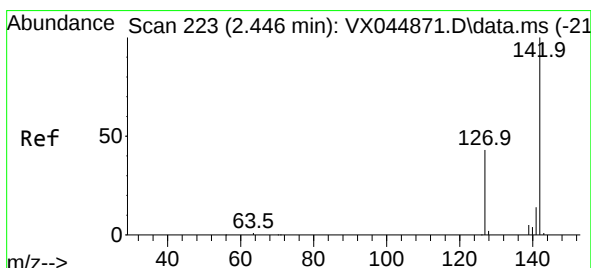
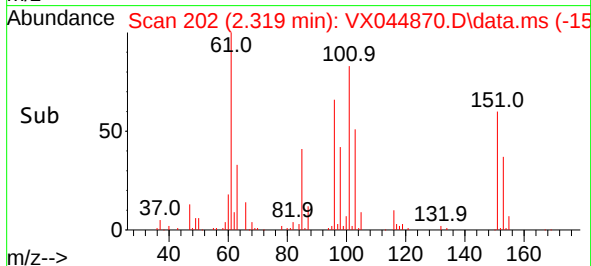
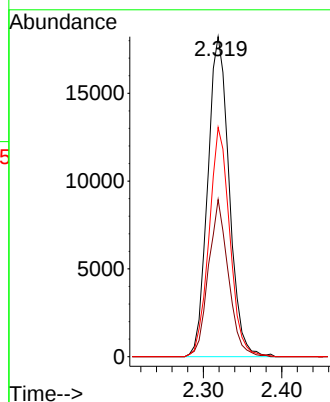
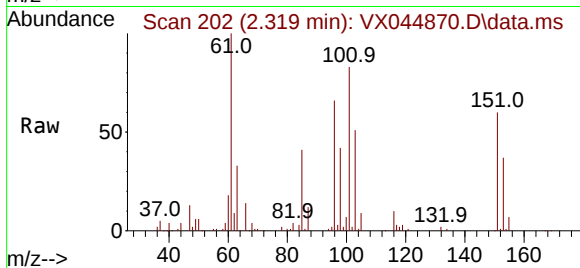
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.135 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 3459
Ion Ratio Lower Upper
101 100
85 45.7 35.7 53.5
151 69.4 56.0 84.0

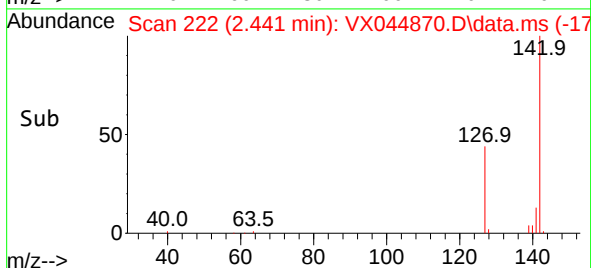
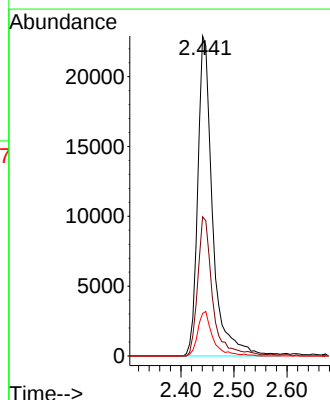
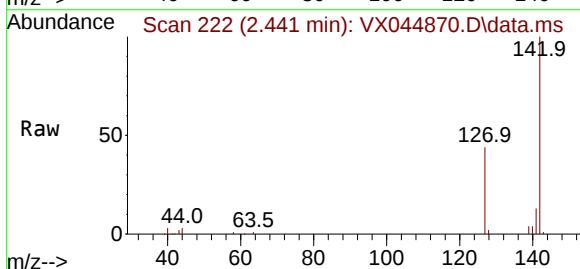
Manual Integrations
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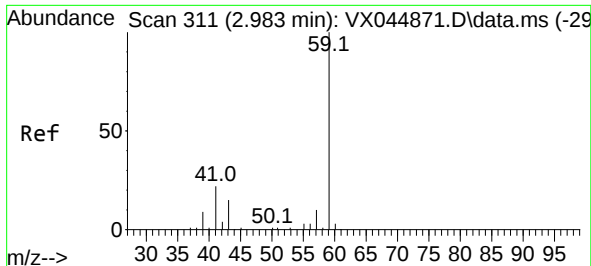
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#10
Methyl Iodide
Concen: 21.096 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion:142 Resp: 44749
Ion Ratio Lower Upper
142 100
127 43.4 34.3 51.5
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 101.870 ug/l

RT: 2.989 min Scan# 311

Delta R.T. 0.007 min

Lab File: VX044870.D

Acq: 10 Feb 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 59 Resp: 35834

Ion Ratio Lower Upper

59 100

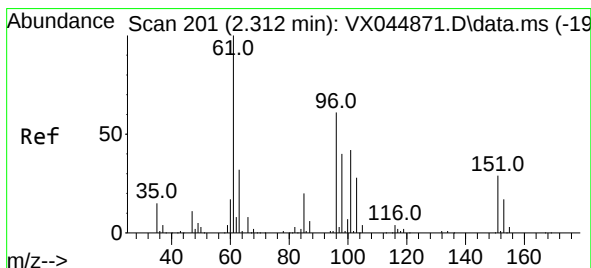
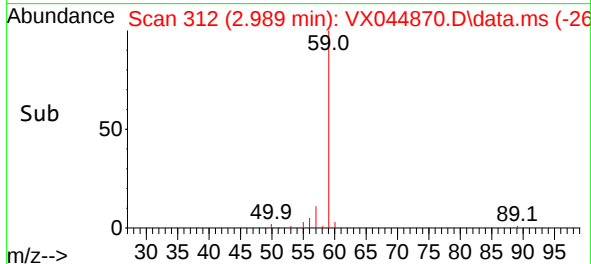
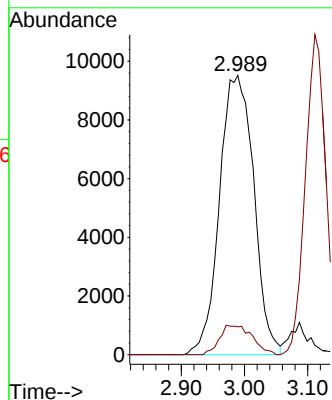
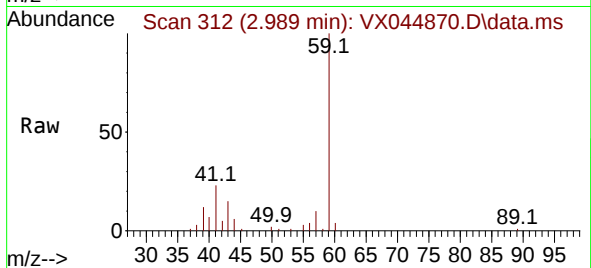
57 10.0 8.1 12.1

Manual Integrations

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Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#12

1,1-Dichloroethene

Concen: 20.526 ug/l

RT: 2.307 min Scan# 200

Delta R.T. -0.006 min

Lab File: VX044870.D

Acq: 10 Feb 2025 11:11

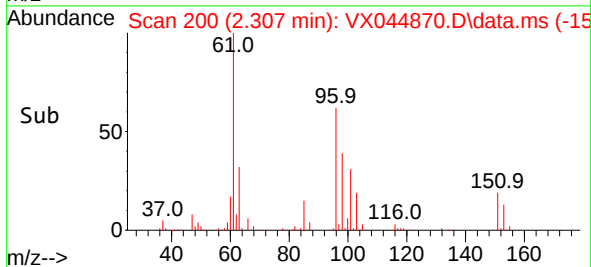
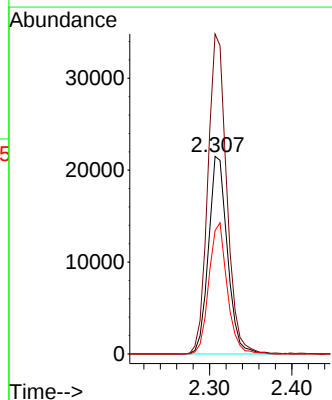
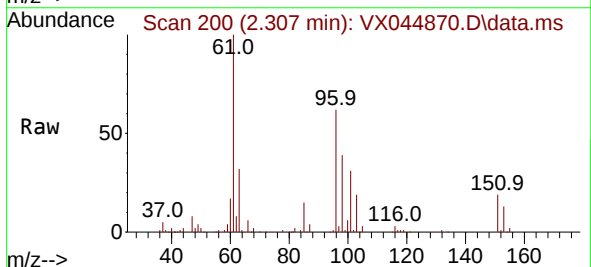
Tgt Ion: 96 Resp: 34270

Ion Ratio Lower Upper

96 100

61 161.9 130.2 195.4

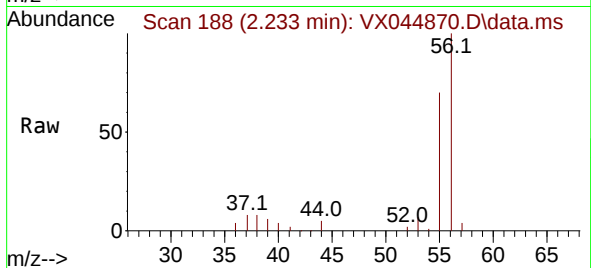
98 62.4 52.2 78.4





#13
Acrolein
Concen: 93.445 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

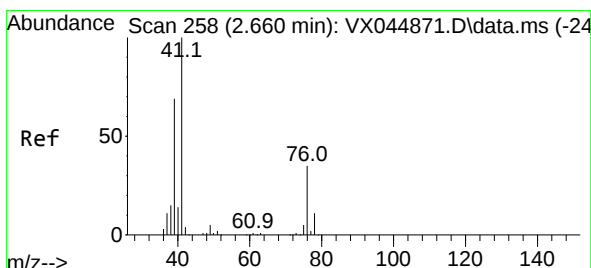
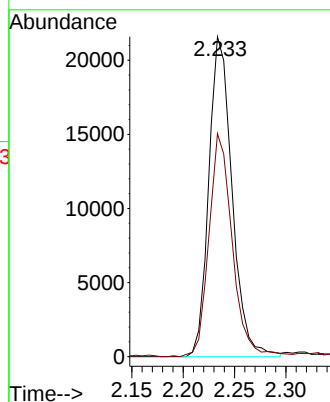
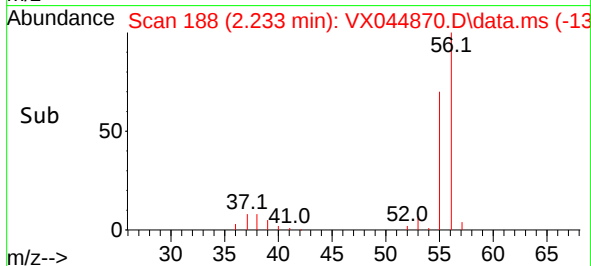
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 33914
Ion Ratio Lower Upper
56 100
55 70.1 55.7 83.5

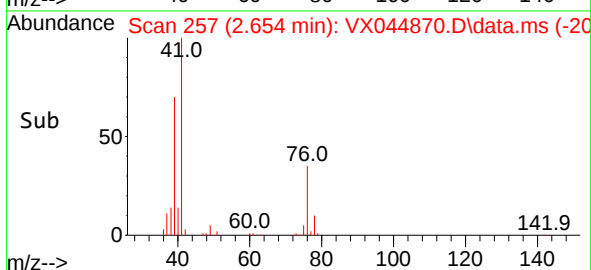
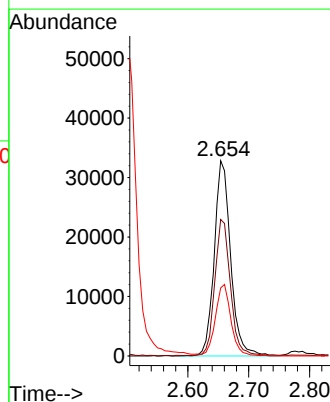
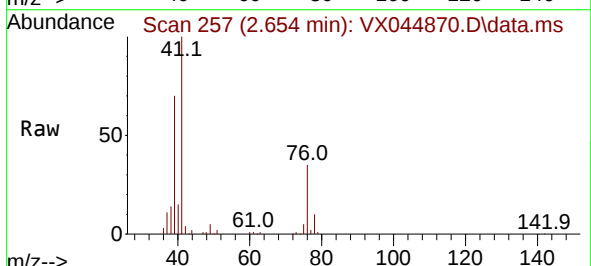
Manual Integrations
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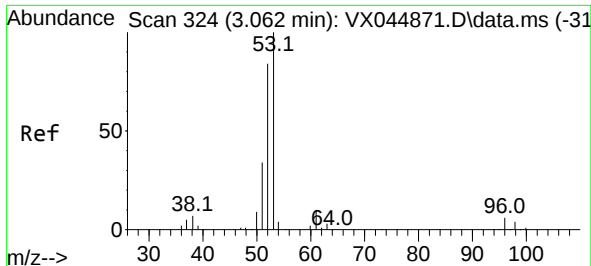
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#14
Allyl chloride
Concen: 20.377 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

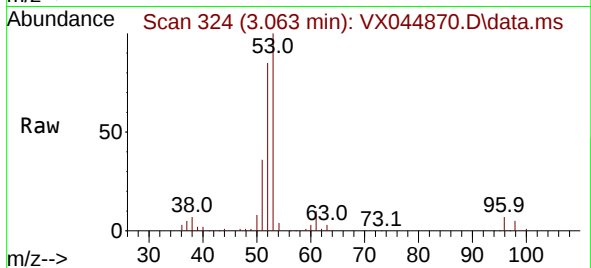
Tgt Ion: 41 Resp: 61485
Ion Ratio Lower Upper
41 100
39 65.8 51.4 77.2
76 34.9 27.0 40.4





#15
Acrylonitrile
Concen: 104.896 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

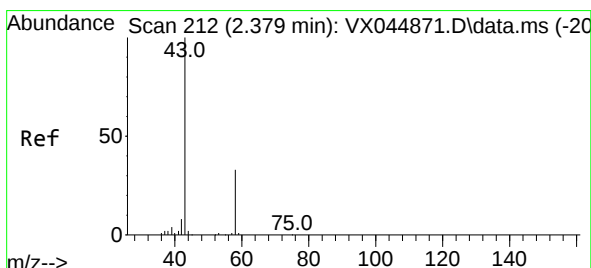
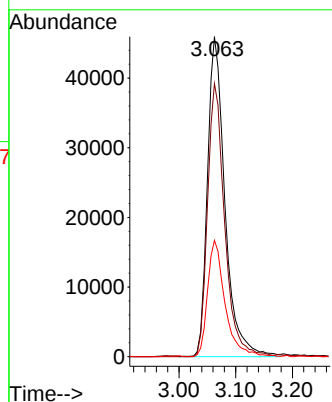
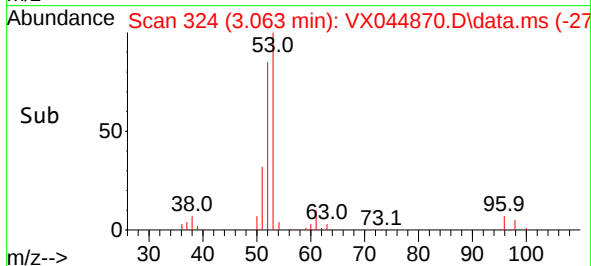
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 98518
Ion Ratio Lower Upper
53 100
52 83.5 65.0 97.6
51 36.3 28.0 42.0

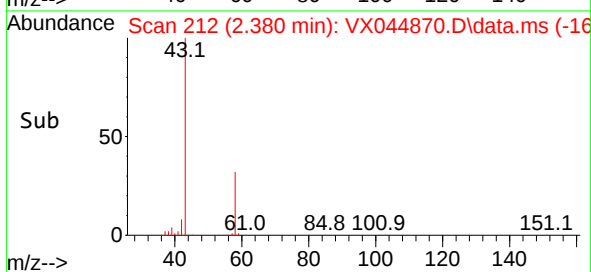
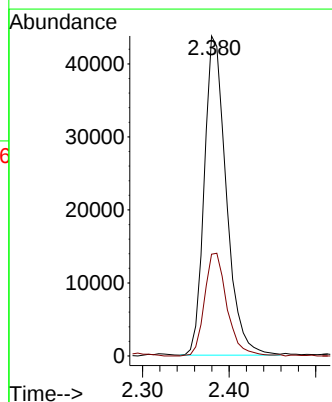
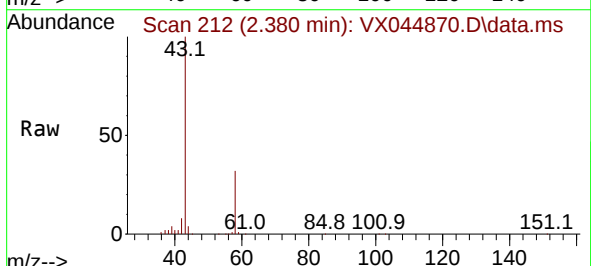
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Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#16
Acetone
Concen: 101.119 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion: 43 Resp: 77078
Ion Ratio Lower Upper
43 100
58 31.9 26.5 39.7





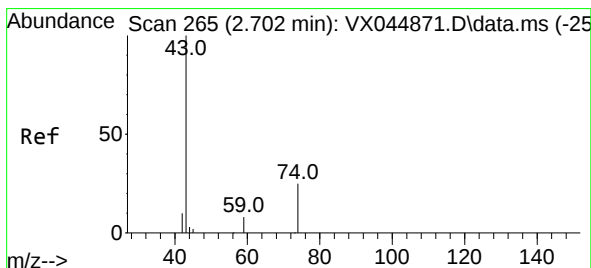
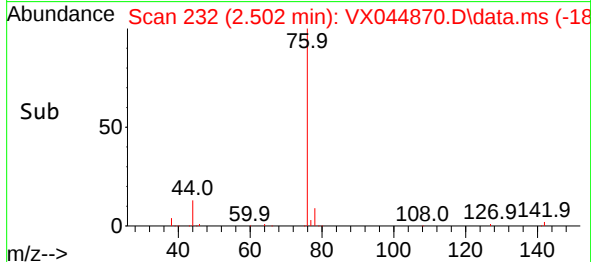
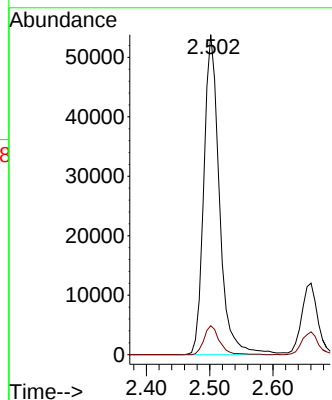
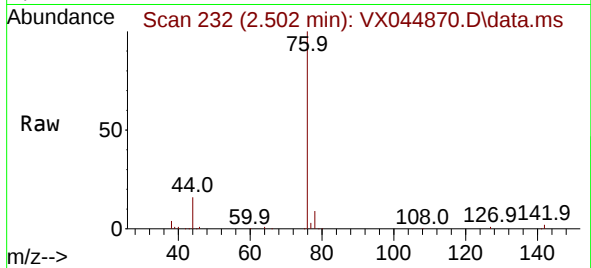
#17
Carbon Disulfide
Concen: 20.216 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 92552
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

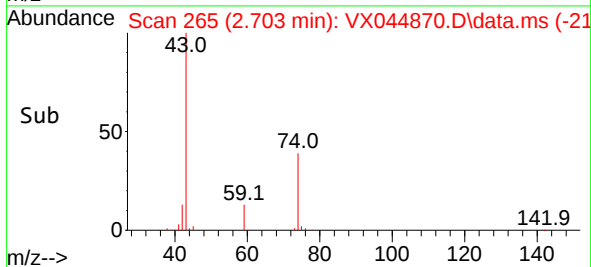
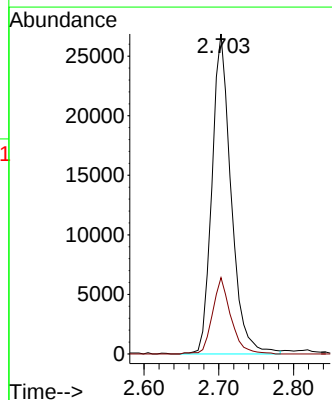
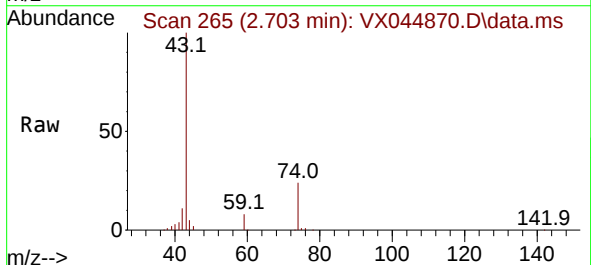
Manual Integrations
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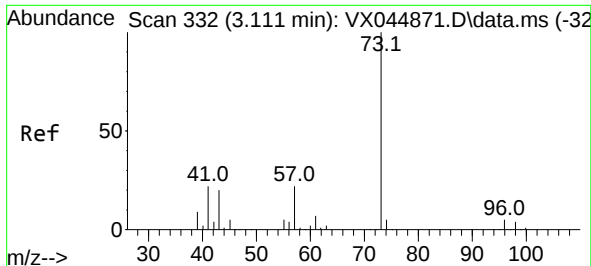
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#18
Methyl Acetate
Concen: 19.943 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion: 43 Resp: 47970
Ion Ratio Lower Upper
43 100
74 22.9 18.9 28.3





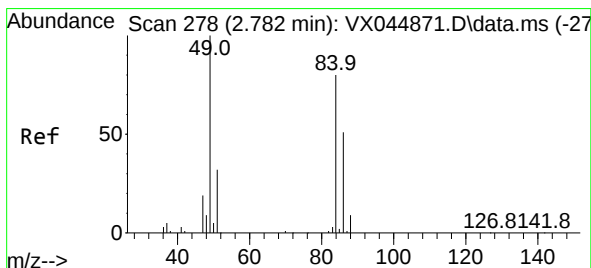
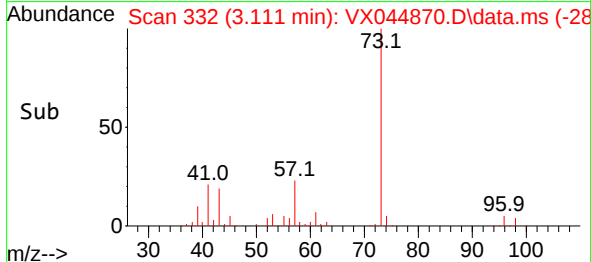
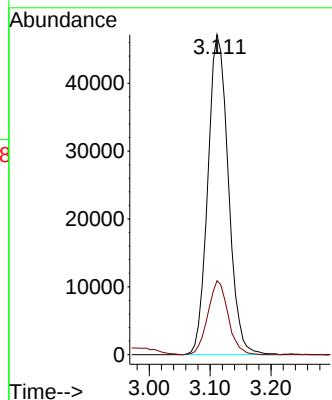
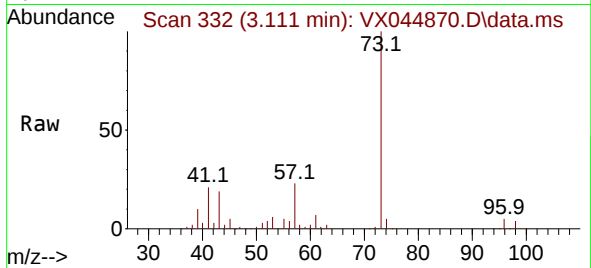
#19
Methyl tert-butyl Ether
Concen: 20.779 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 11037
Ion Ratio Lower Upper
73 100
57 23.1 17.9 26.9

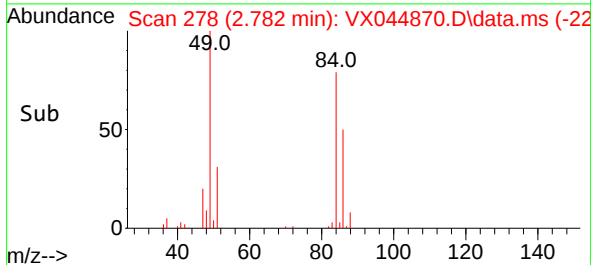
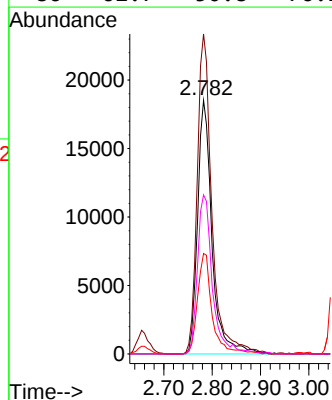
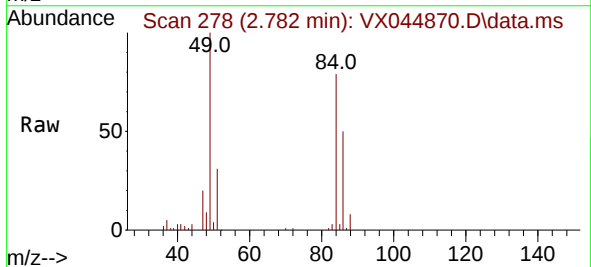
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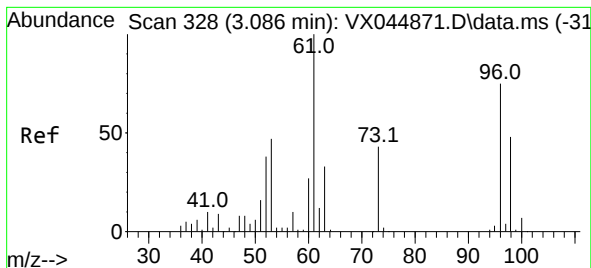
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#20
Methylene Chloride
Concen: 20.562 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion: 84 Resp: 38390
Ion Ratio Lower Upper
84 100
49 126.2 100.1 150.1
51 39.6 31.7 47.5
86 62.7 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 20.730 ug/l

RT: 3.081 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX044870.D

Acq: 10 Feb 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 34064

Ion Ratio Lower Upper

96 100

61 144.3 106.0 159.0

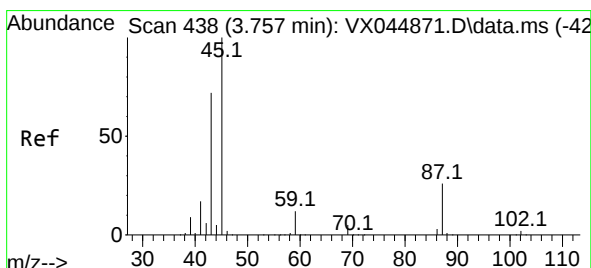
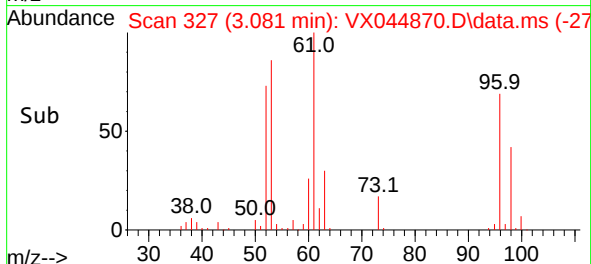
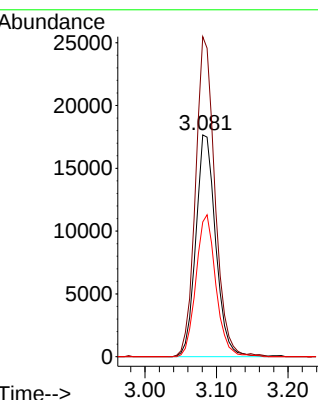
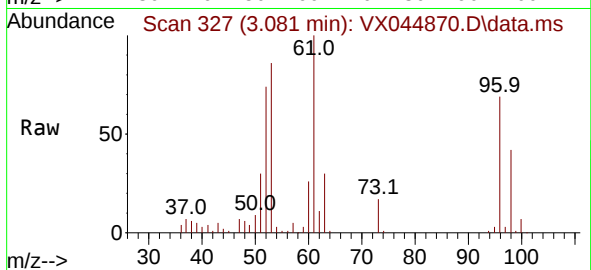
98 60.8 50.6 76.0

Manual Integrations

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Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#22

Diisopropyl ether

Concen: 21.074 ug/l

RT: 3.757 min Scan# 438

Delta R.T. 0.000 min

Lab File: VX044870.D

Acq: 10 Feb 2025 11:11

Tgt Ion: 45 Resp: 120300

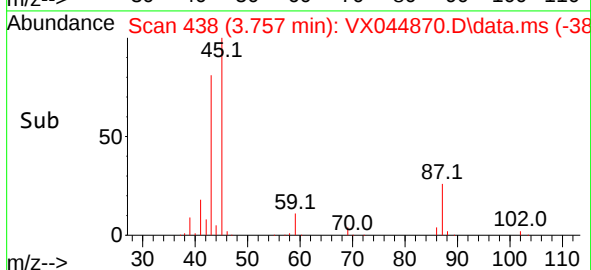
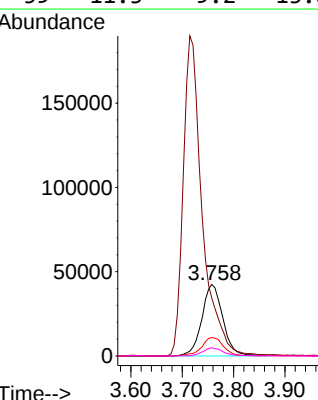
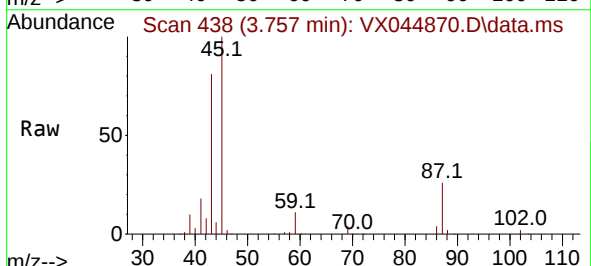
Ion Ratio Lower Upper

45 100

43 80.8 58.0 87.0

87 25.8 20.7 31.1

59 11.3 9.2 13.8





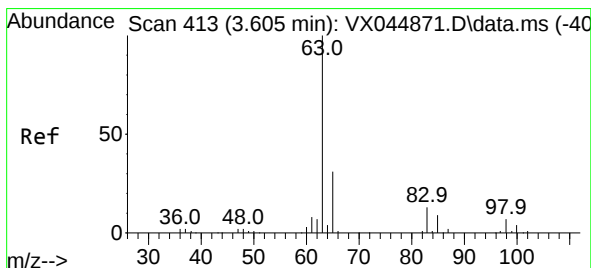
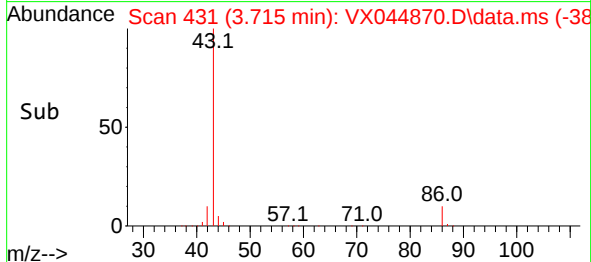
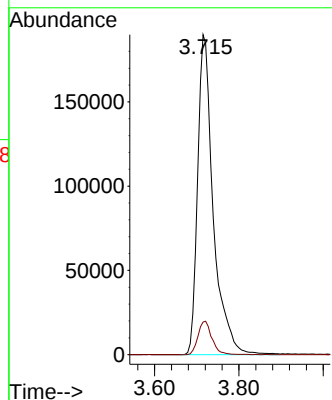
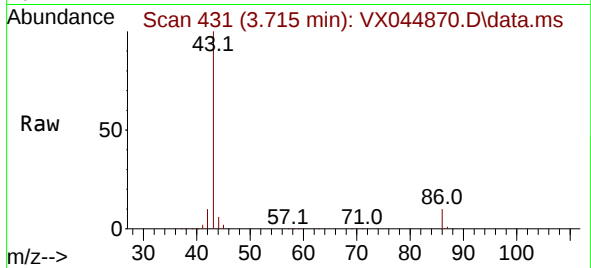
#23
 Vinyl Acetate
 Concen: 105.341 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX044870.D
 Acq: 10 Feb 2025 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 490239
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.3 12.5

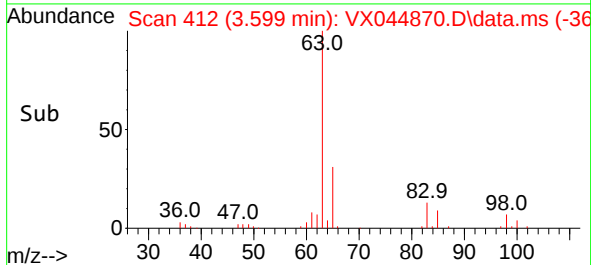
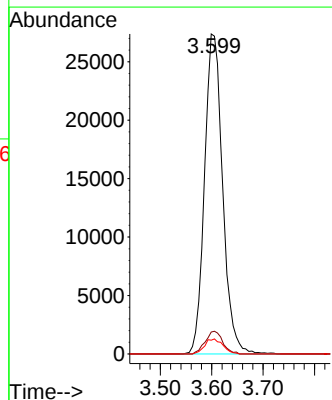
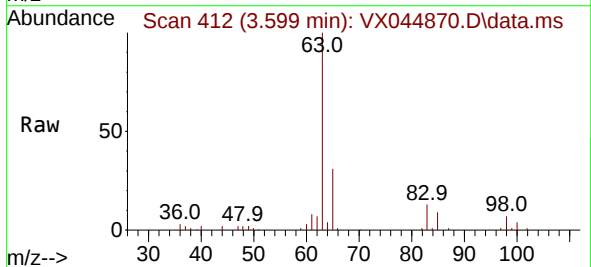
Manual Integrations
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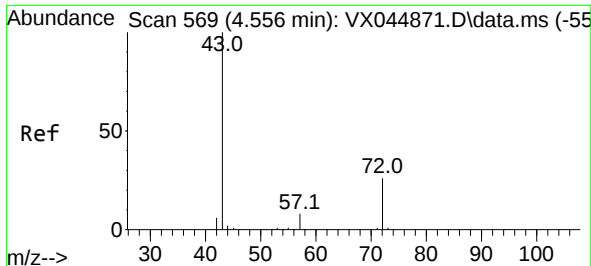
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#24
 1,1-Dichloroethane
 Concen: 20.958 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX044870.D
 Acq: 10 Feb 2025 11:11

Tgt Ion: 63 Resp: 66942
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.3 2.1 6.5





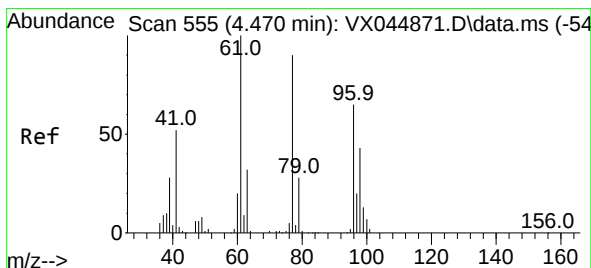
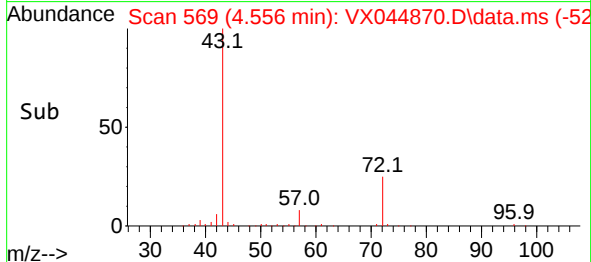
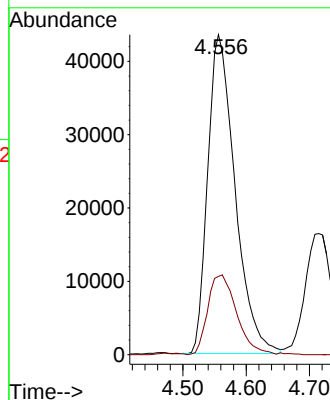
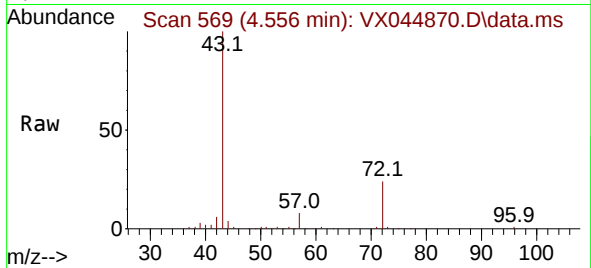
#25
2-Butanone
Concen: 105.417 ug/l
RT: 4.556 min Scan# 509
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 13048
Ion Ratio Lower Upper
43 100
72 24.2 21.2 31.8

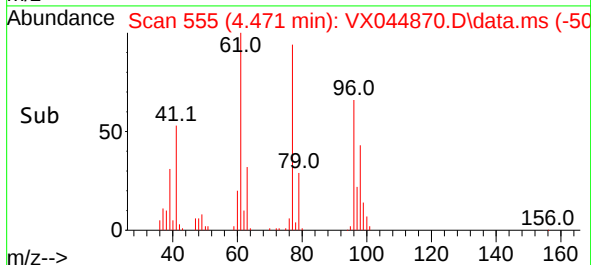
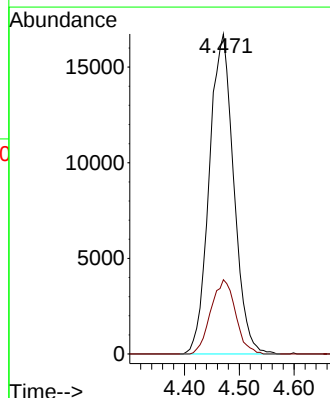
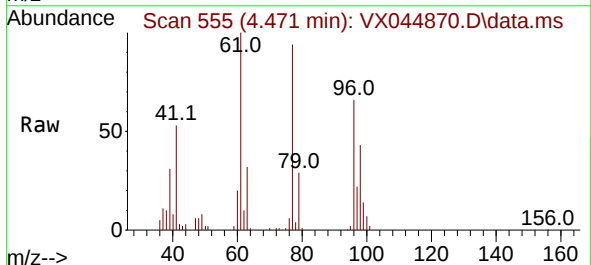
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#26
2,2-Dichloropropane
Concen: 20.451 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion: 77 Resp: 51803
Ion Ratio Lower Upper
77 100
97 23.4 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 21.328 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX044870.D

Acq: 10 Feb 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 42090

Ion Ratio Lower Upper

96 100

61 143.8 0.0 294.0

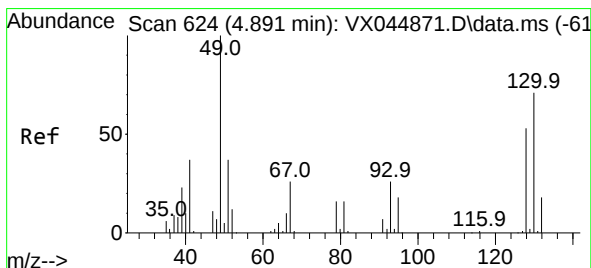
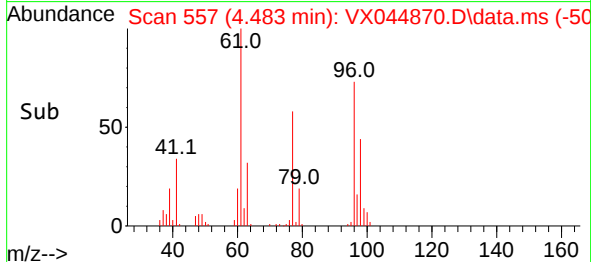
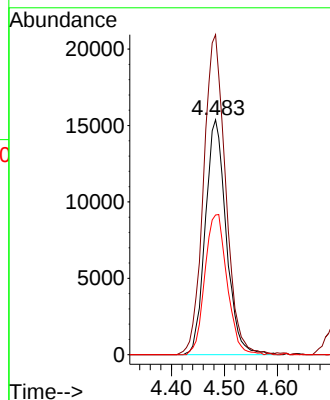
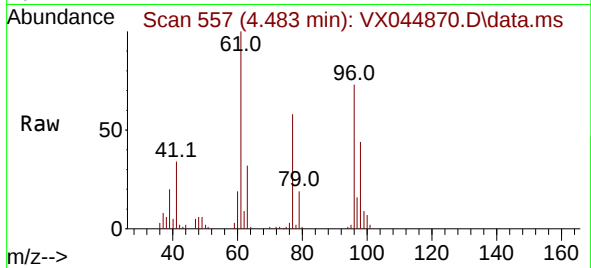
98 63.4 0.0 131.2

Manual Integrations

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Reviewed By :John Carlone 02/11/2025

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#28

Bromochloromethane

Concen: 20.504 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX044870.D

Acq: 10 Feb 2025 11:11

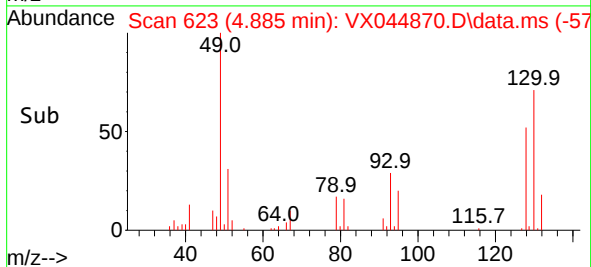
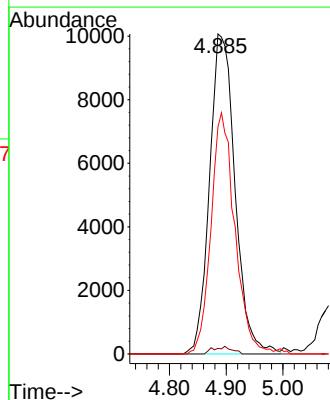
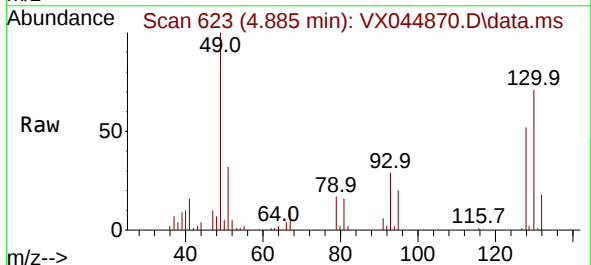
Tgt Ion: 49 Resp: 31474

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.6

130 70.3 56.7 85.1





#29

Tetrahydrofuran

Concen: 105.700 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX044870.D

Acq: 10 Feb 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

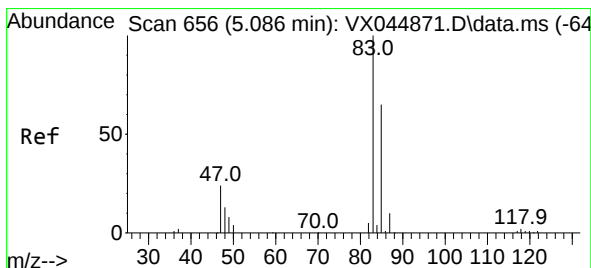
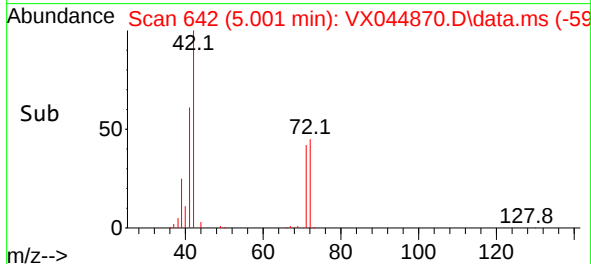
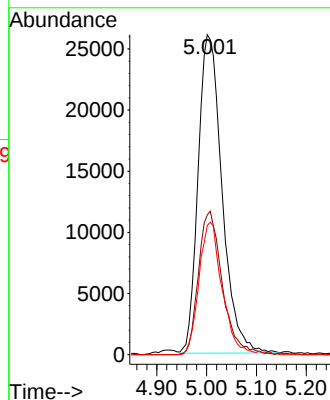
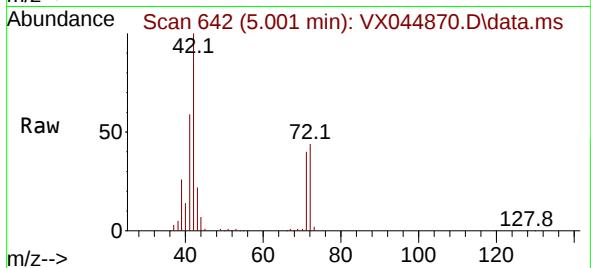
Tgt Ion:	42	Resp:	8687
Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.0	52.4
71	40.4	32.6	48.8

Manual Integrations

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Supervised By :Mahesh Dadoda 02/11/2025



#30

Chloroform

Concen: 21.217 ug/l

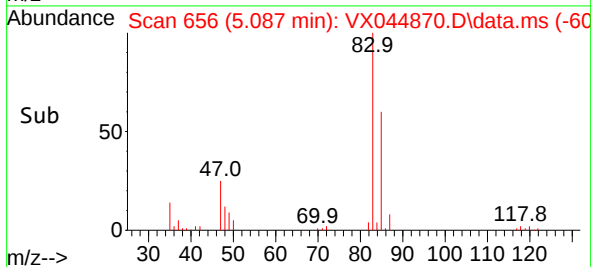
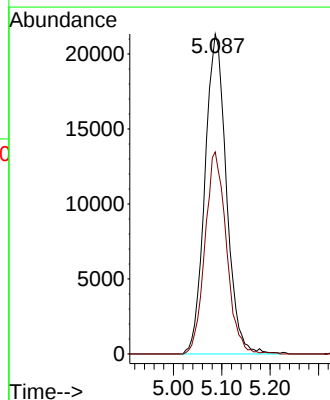
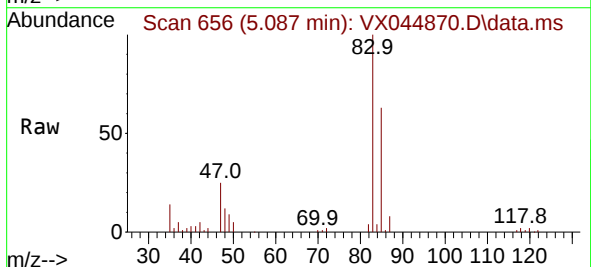
RT: 5.087 min Scan# 656

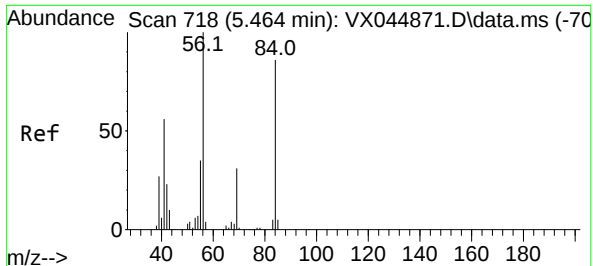
Delta R.T. 0.000 min

Lab File: VX044870.D

Acq: 10 Feb 2025 11:11

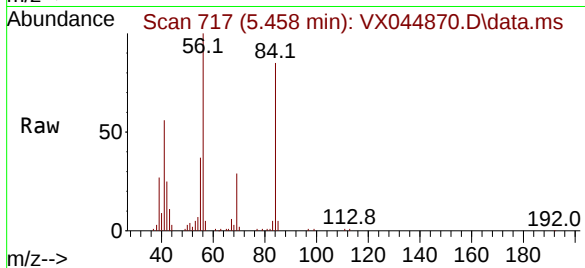
Tgt Ion:	83	Resp:	65721
Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.1	78.1





#31
Cyclohexane
Concen: 20.653 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

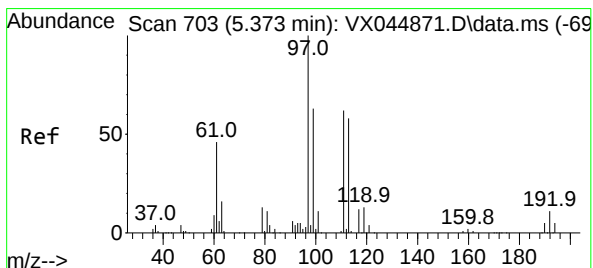
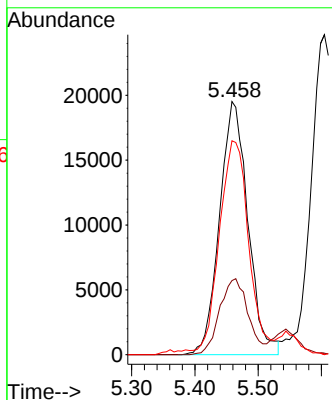
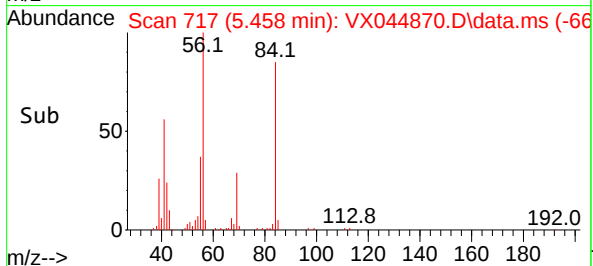
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 60814
Ion Ratio Lower Upper
56 100
69 29.2 24.4 36.6
84 83.1 69.0 103.6

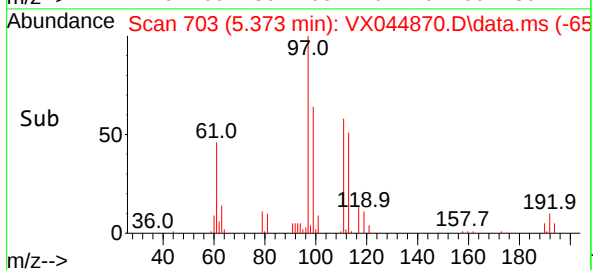
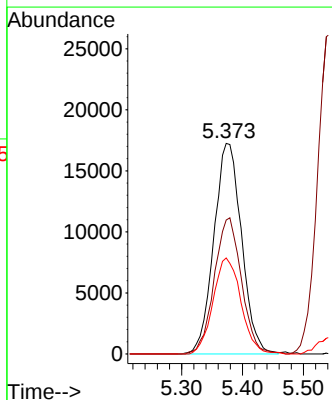
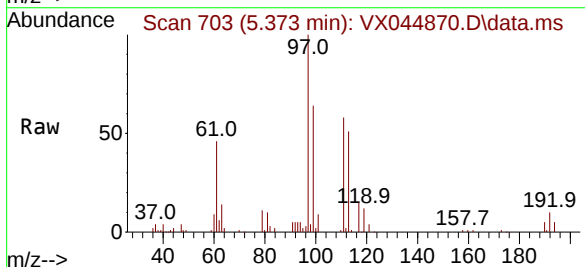
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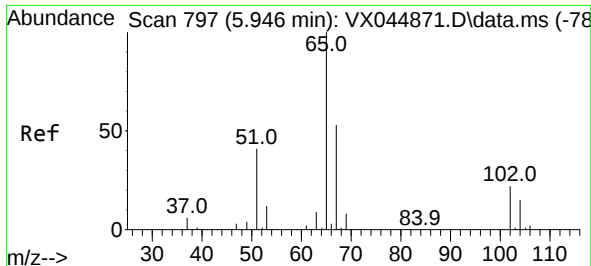
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#32
1,1,1-Trichloroethane
Concen: 20.724 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion: 97 Resp: 54450
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.6
61 45.9 36.6 55.0





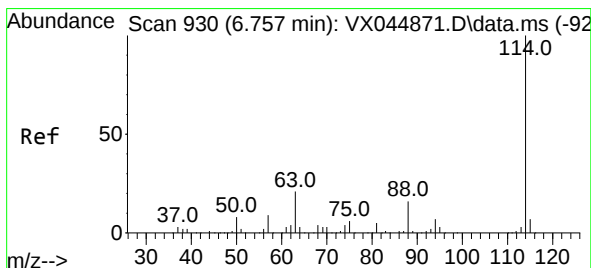
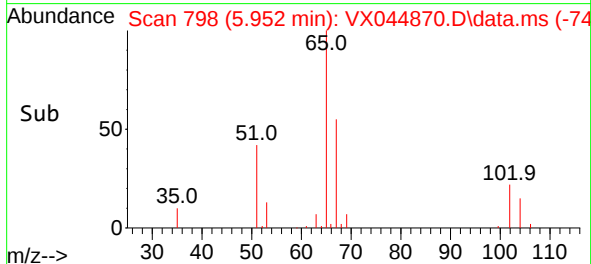
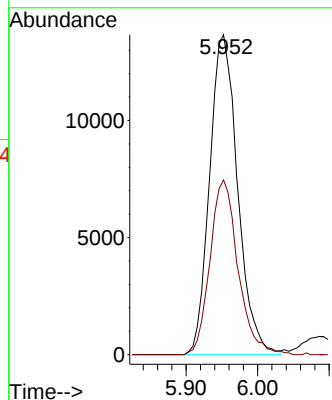
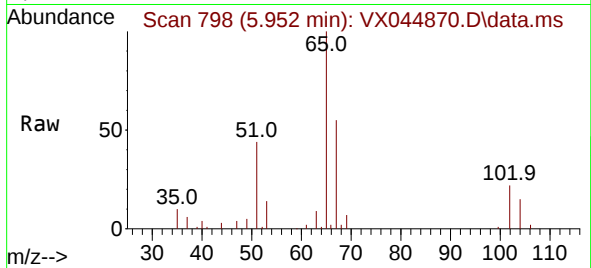
#33
1,2-Dichloroethane-d4
Concen: 19.616 ug/l
RT: 5.952 min Scan# 797
Delta R.T. 0.007 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 3719
Ion Ratio Lower Upper
65 100
67 54.6 0.0 108.2

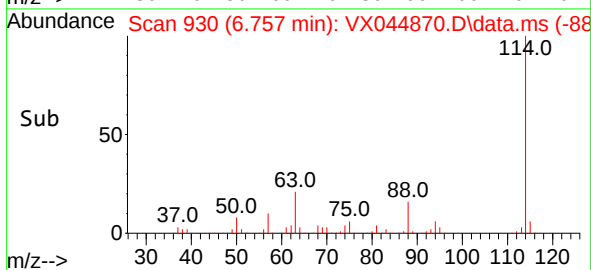
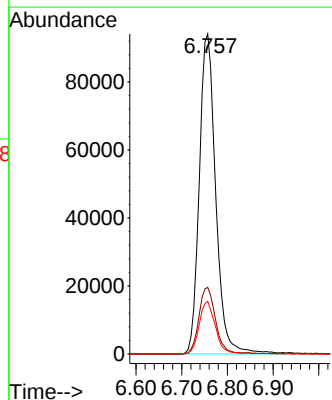
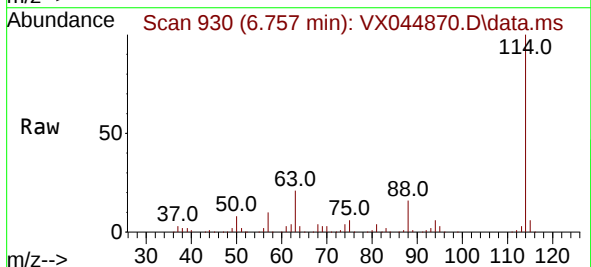
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Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

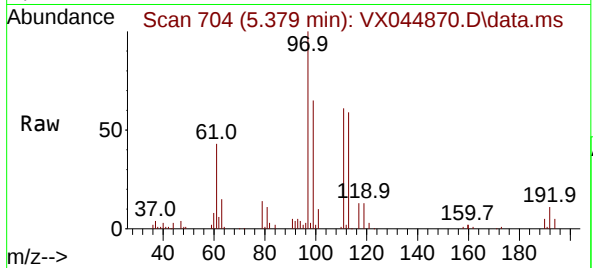
Tgt Ion:114 Resp: 234445
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.4
88 16.4 0.0 31.4





#35
Dibromofluoromethane
Concen: 19.793 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

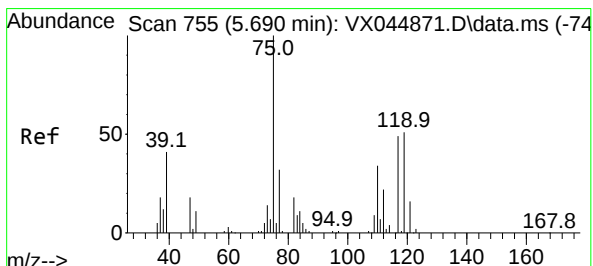
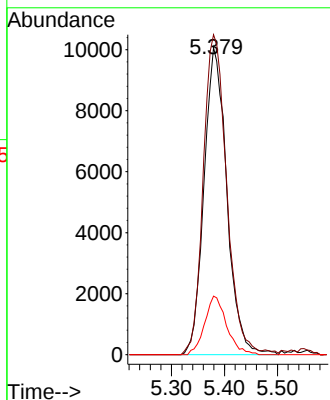
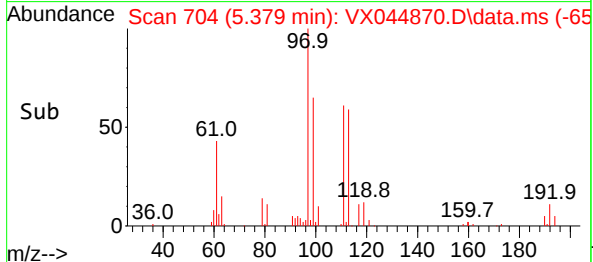
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 113 Resp: 30170
Ion Ratio Lower Upper
113 100
111 106.3 83.5 125.3
192 18.3 14.4 21.6

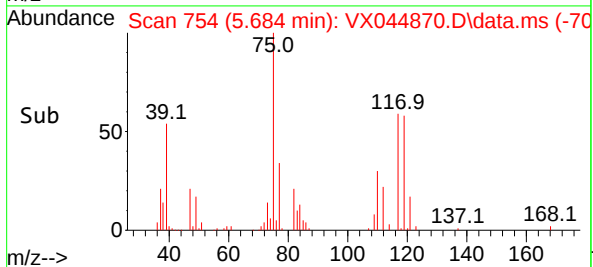
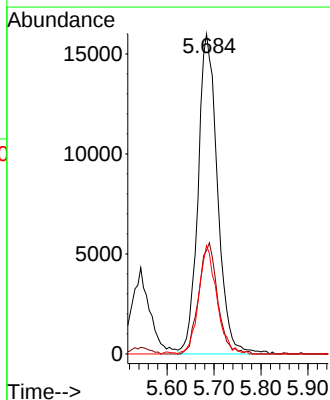
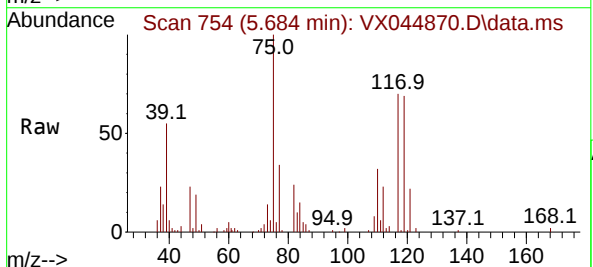
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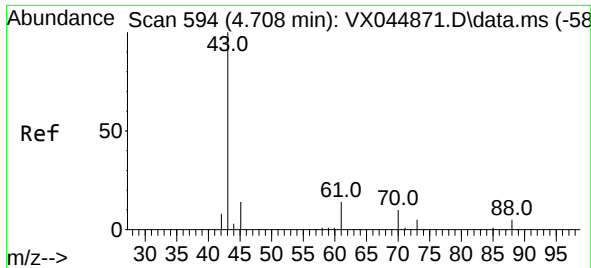
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#36
1,1-Dichloropropene
Concen: 20.913 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion: 75 Resp: 45991
Ion Ratio Lower Upper
75 100
110 33.8 17.2 51.6
77 31.7 24.6 37.0





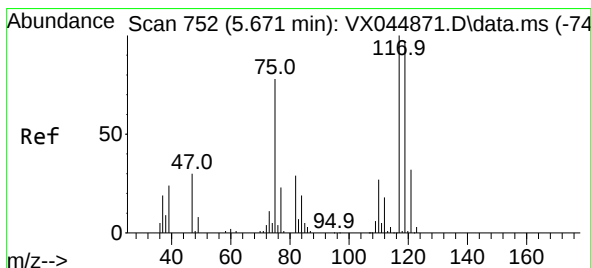
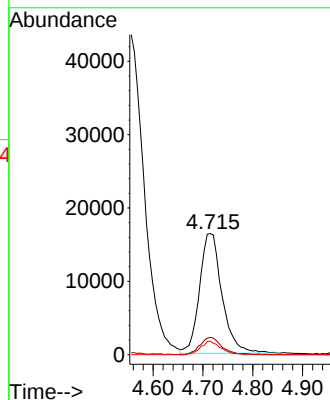
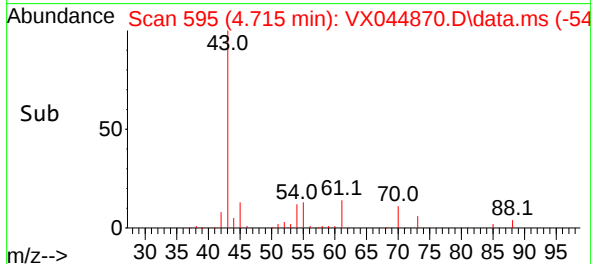
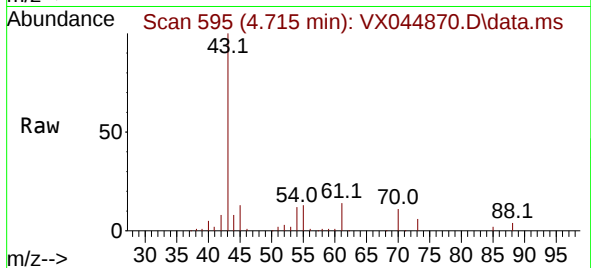
#37
Ethyl Acetate
Concen: 20.949 ug/l
RT: 4.715 min Scan# 5124
Delta R.T. 0.007 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 5124
Ion Ratio Lower Upper
43 100
61 13.9 11.0 16.4
70 9.9 8.2 12.2

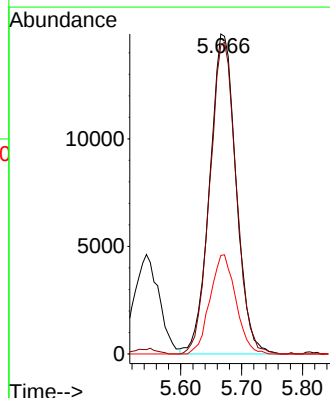
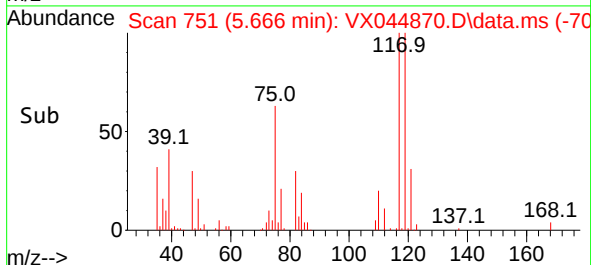
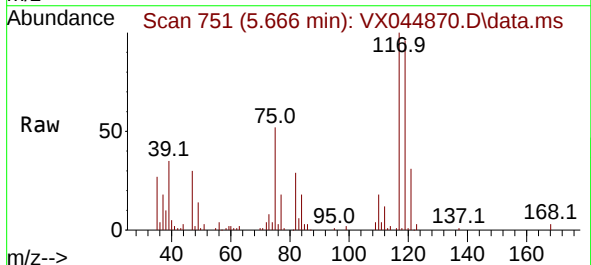
Manual Integrations
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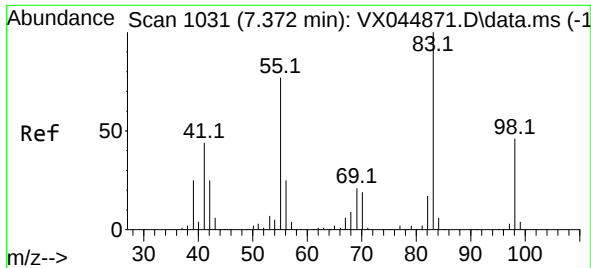
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#38
Carbon Tetrachloride
Concen: 20.790 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

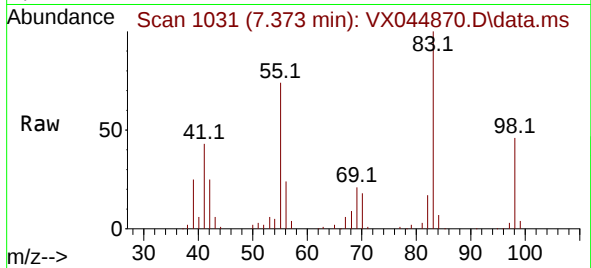
Tgt Ion:117 Resp: 44802
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3
121 30.8 25.6 38.4





#39
Methylcyclohexane
Concen: 21.985 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

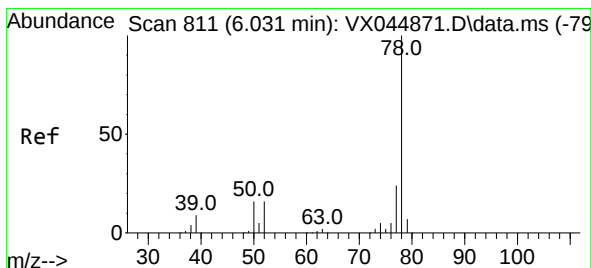
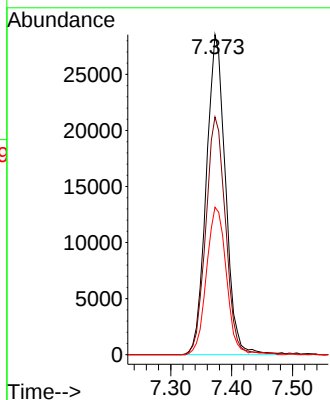
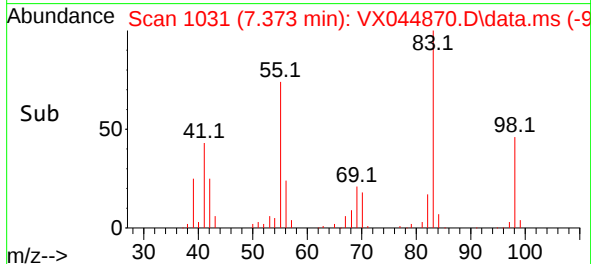
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 6250
Ion Ratio Lower Upper
83 100
55 74.3 61.3 91.9
98 46.1 37.0 55.6

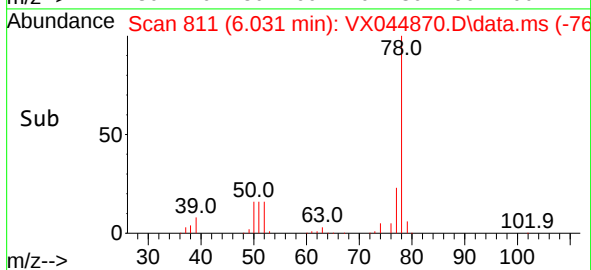
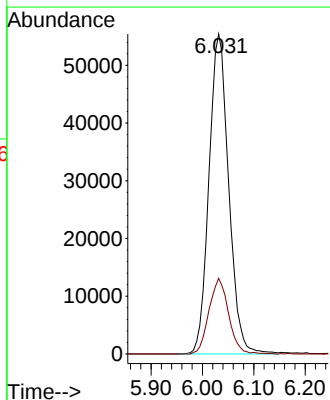
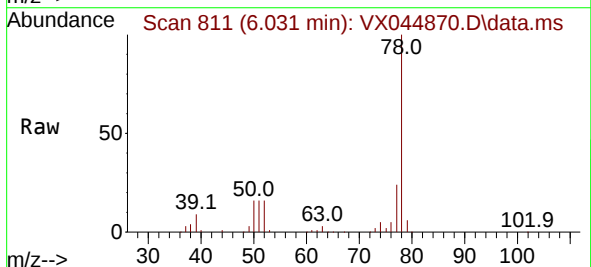
Manual Integrations
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Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#40
Benzene
Concen: 21.540 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

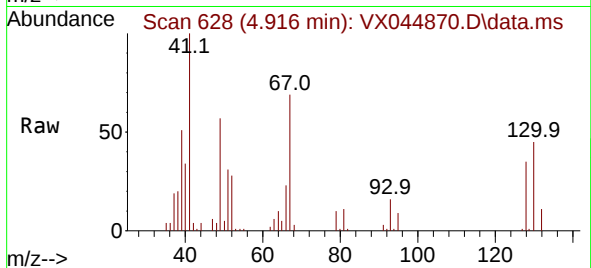
Tgt Ion: 78 Resp: 147912
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 20.887 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

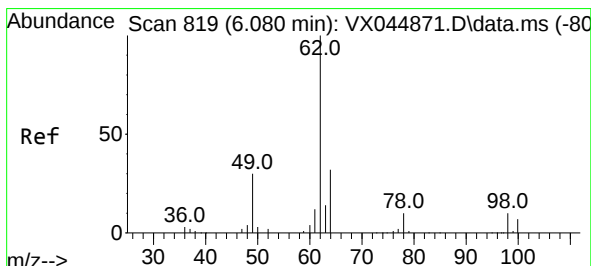
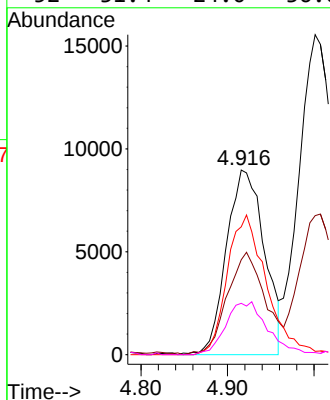
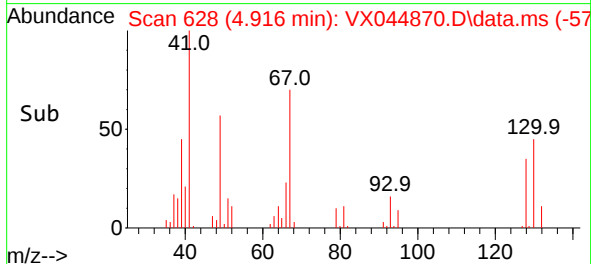
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 41	Resp: 2734
Ion Ratio	Lower Upper
41	100
39	55.9 43.1 64.7
67	78.6 57.0 85.6
52	31.4 24.0 36.0

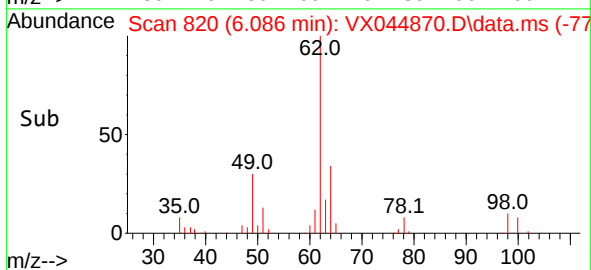
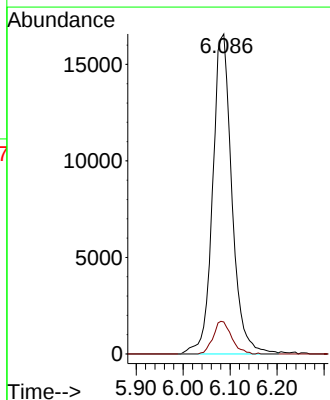
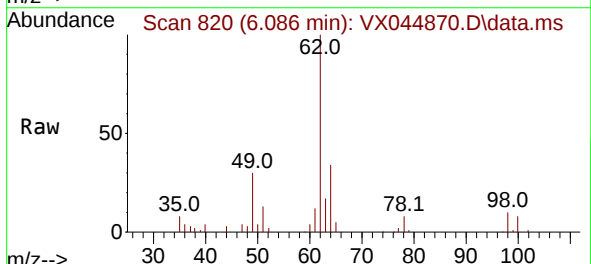
Manual Integrations
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Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#42
1,2-Dichloroethane
Concen: 21.519 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

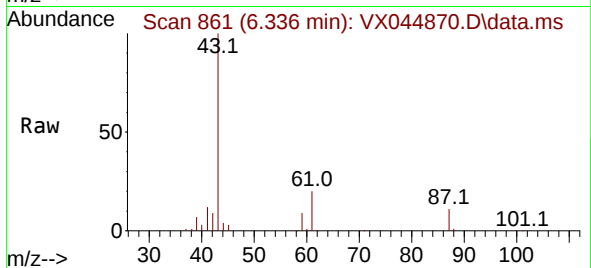
Tgt Ion: 62	Resp: 47095
Ion Ratio	Lower Upper
62	100
98	9.7 0.0 19.4





#43
Isopropyl Acetate
Concen: 21.343 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

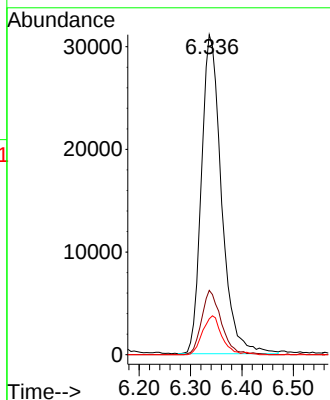
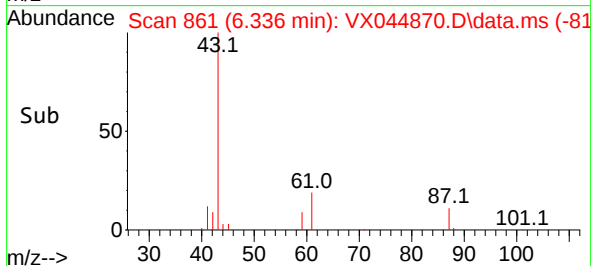
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 84300
Ion Ratio Lower Upper
43 100
61 19.5 15.8 23.8
87 11.6 10.0 15.0

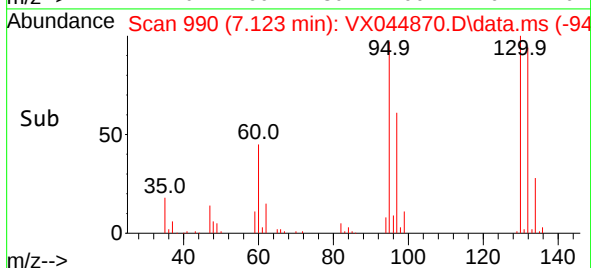
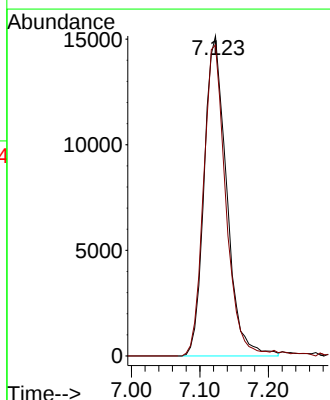
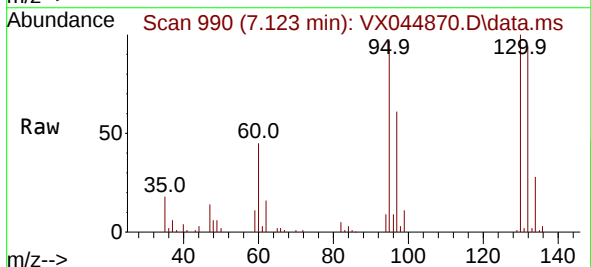
Manual Integrations
APPROVED

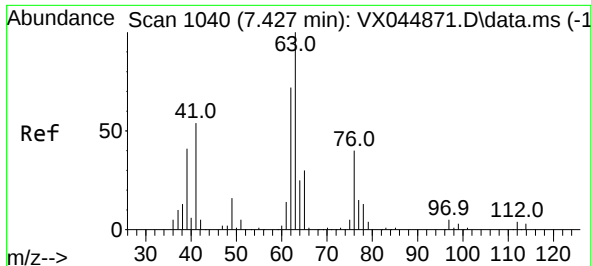
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#44
Trichloroethene
Concen: 21.910 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion:130 Resp: 34390
Ion Ratio Lower Upper
130 100
95 97.2 0.0 202.4





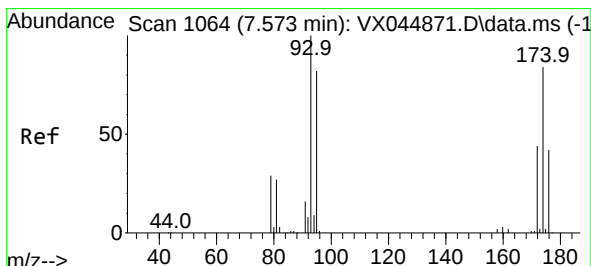
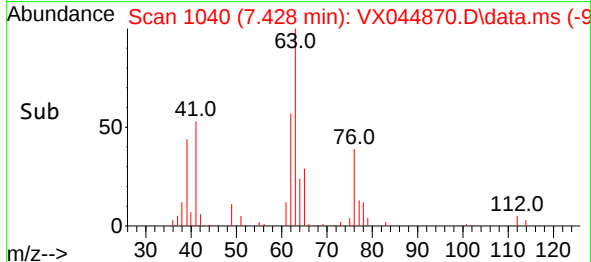
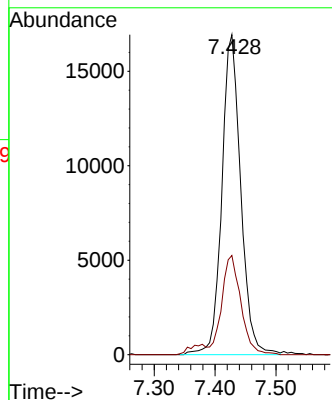
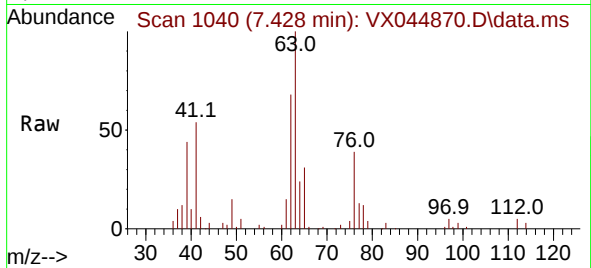
#45
1,2-Dichloropropane
Concen: 21.371 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 36510
Ion Ratio Lower Upper
63 100
65 31.0 24.2 36.4

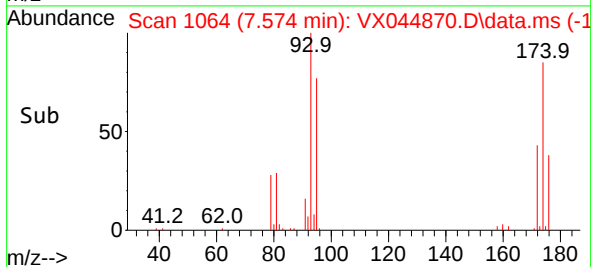
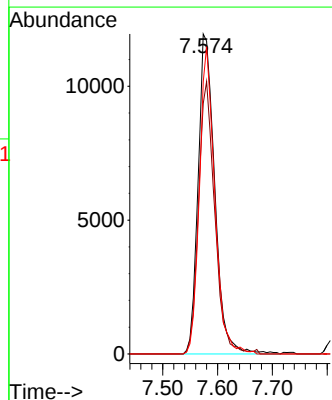
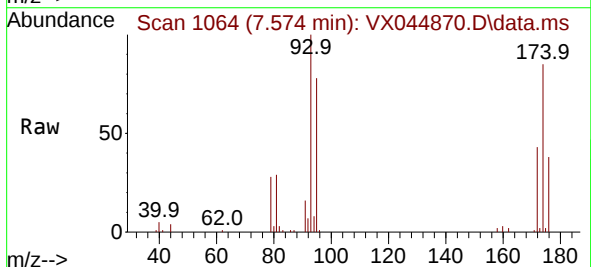
Manual Integrations
APPROVED

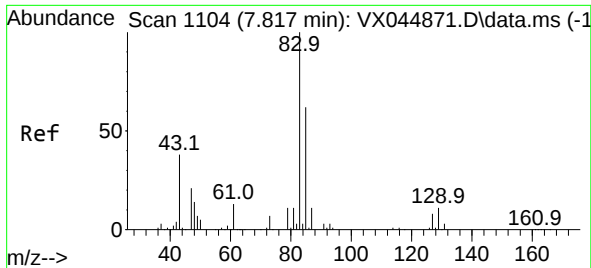
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#46
Dibromomethane
Concen: 21.354 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

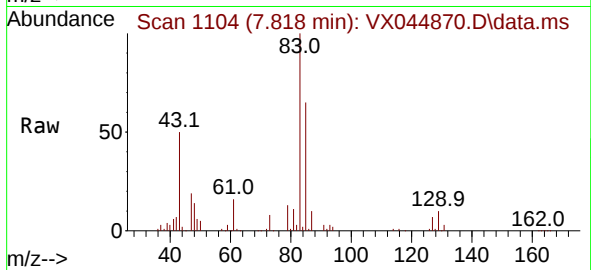
Tgt Ion: 93 Resp: 25300
Ion Ratio Lower Upper
93 100
95 82.5 66.2 99.4
174 88.6 69.9 104.9





#47
Bromodichloromethane
Concen: 21.012 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

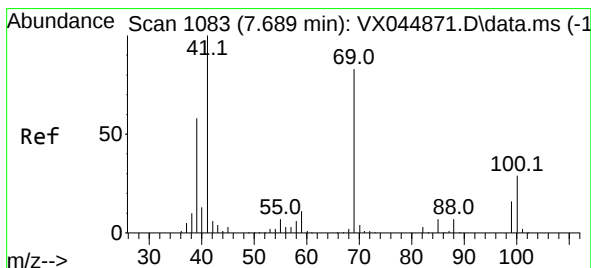
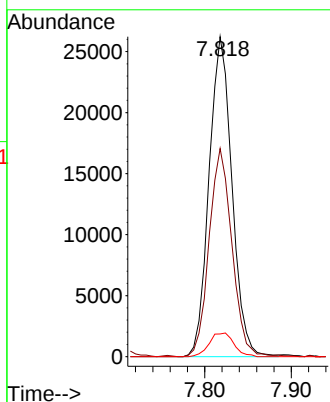
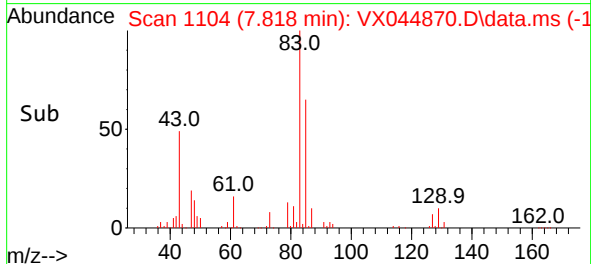
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



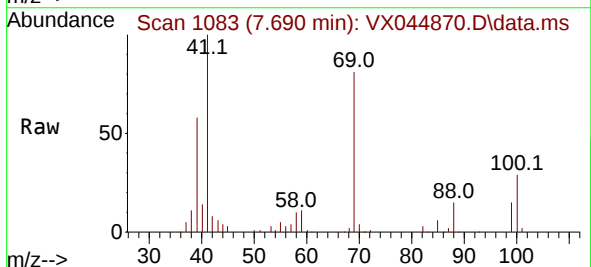
Tgt Ion: 83 Resp: 4820
Ion Ratio Lower Upper
83 100
85 65.1 50.0 75.0
127 7.1 6.4 9.6

Manual Integrations
APPROVED

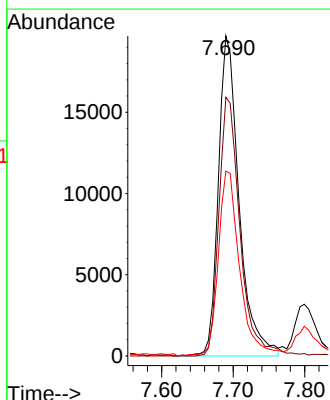
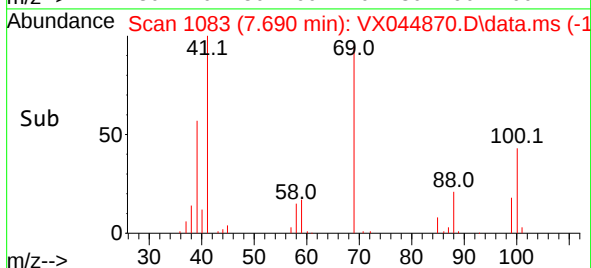
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

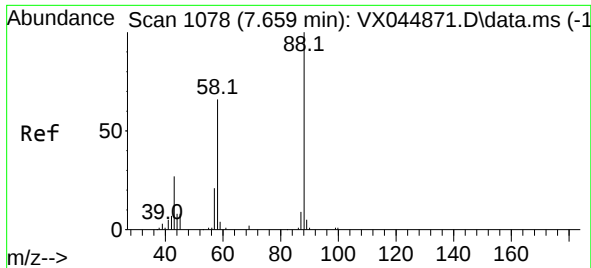


#48
Methyl methacrylate
Concen: 21.341 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11



Tgt Ion: 41 Resp: 39747
Ion Ratio Lower Upper
41 100
69 82.5 65.8 98.8
39 58.2 46.4 69.6





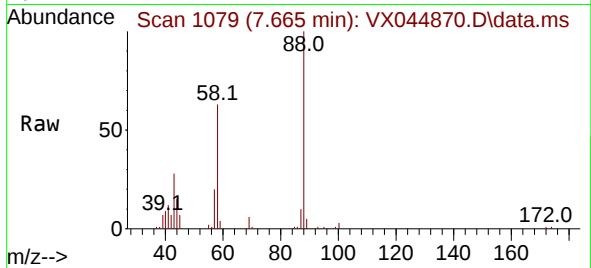
#49
1,4-Dioxane
Concen: 429.262 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.007 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020



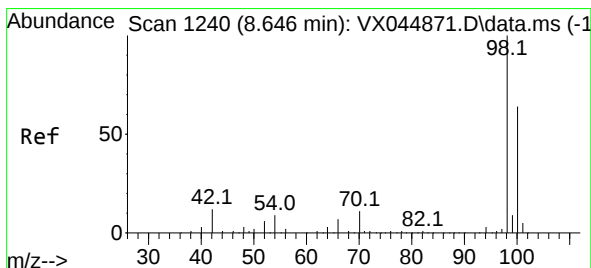
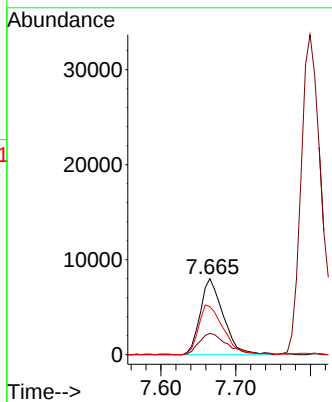
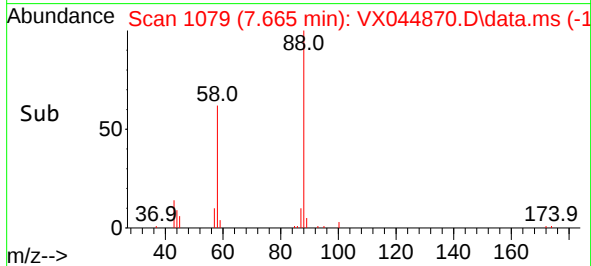
Tgt Ion: 88 Resp: 1715
Ion Ratio Lower Upper
88 100
43 34.3 26.6 39.8
58 69.3 55.9 83.9

Manual Integrations

APPROVED

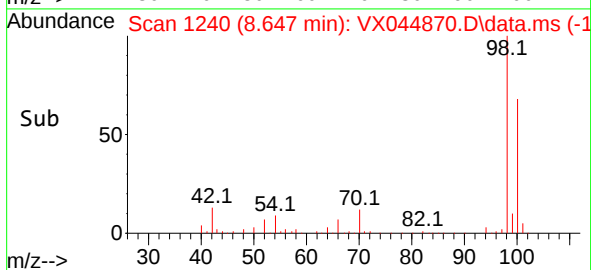
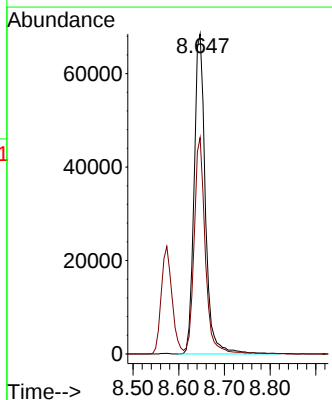
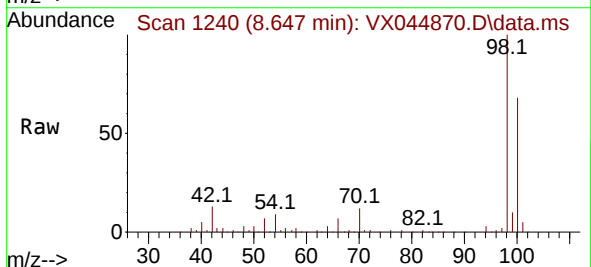
Reviewed By :John Carlone 02/11/2025

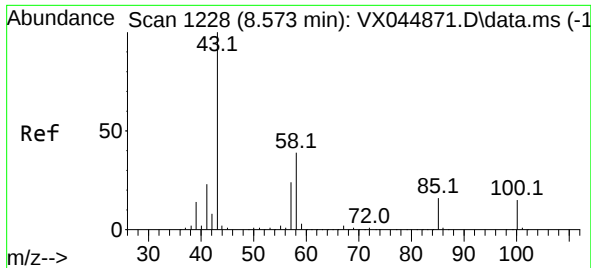
Supervised By :Mahesh Dadoda 02/11/2025



#50
Toluene-d8
Concen: 20.321 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

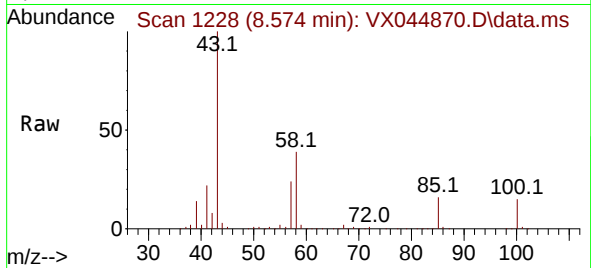
Tgt Ion: 98 Resp: 117127
Ion Ratio Lower Upper
98 100
100 66.4 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 109.684 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

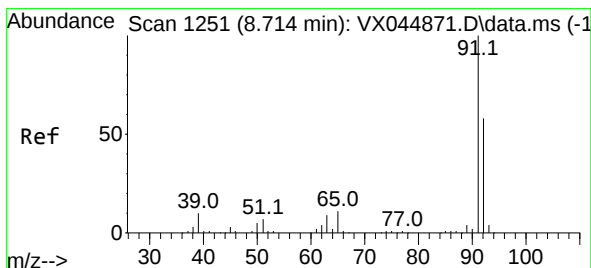
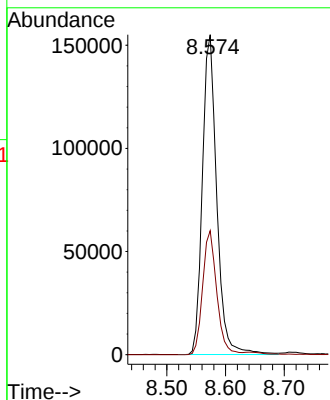
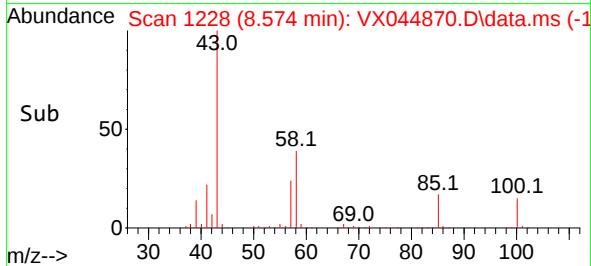
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 263394
Ion Ratio Lower Upper
43 100
58 38.1 30.8 46.2

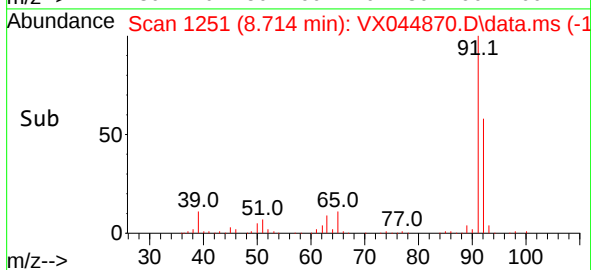
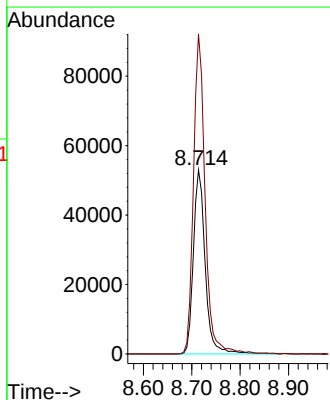
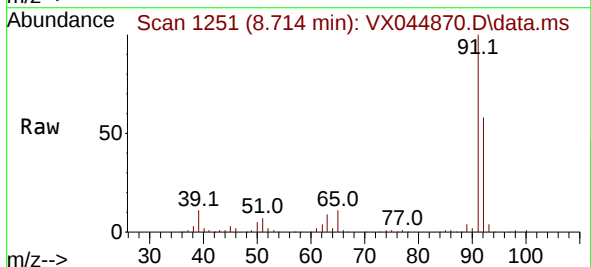
Manual Integrations
APPROVED

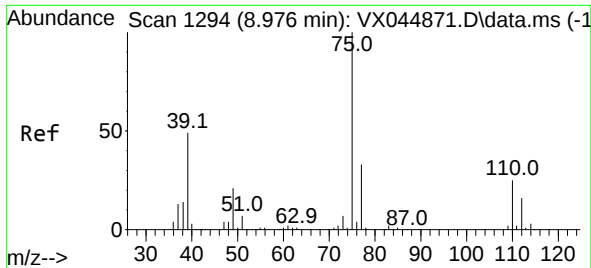
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#52
Toluene
Concen: 21.940 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

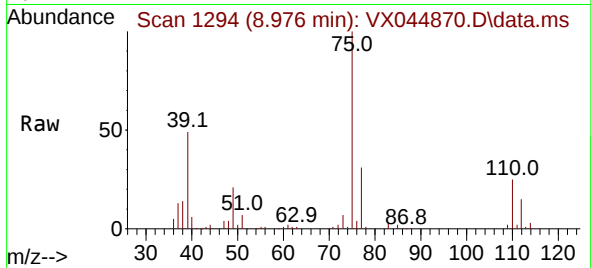
Tgt Ion: 92 Resp: 89726
Ion Ratio Lower Upper
92 100
91 171.0 137.4 206.2





#53
t-1,3-Dichloropropene
Concen: 20.940 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

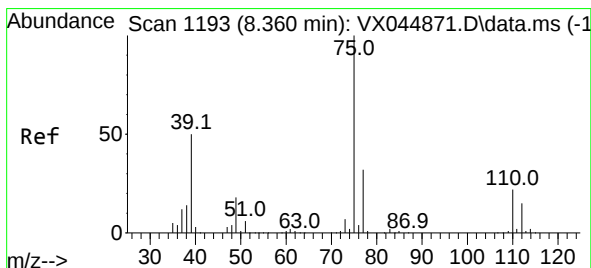
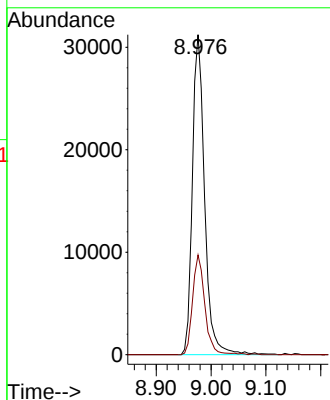
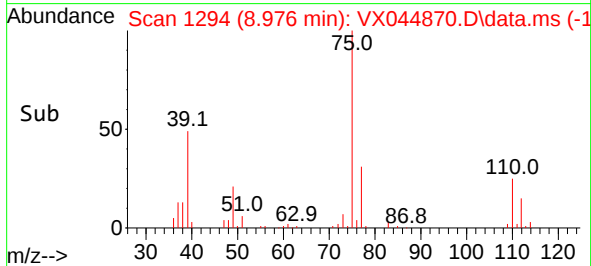
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 4861
Ion Ratio Lower Upper
75 100
77 31.2 26.0 39.0

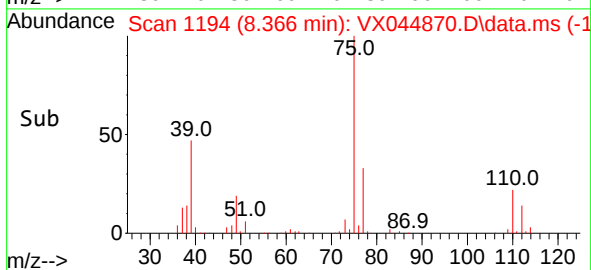
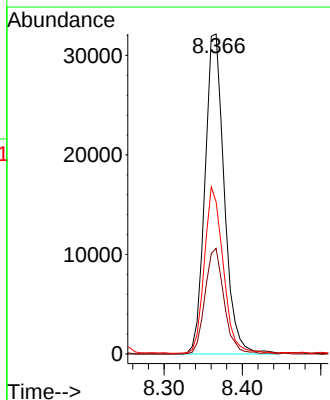
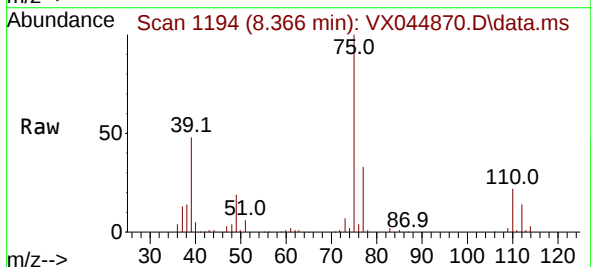
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#54
cis-1,3-Dichloropropene
Concen: 21.259 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.007 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

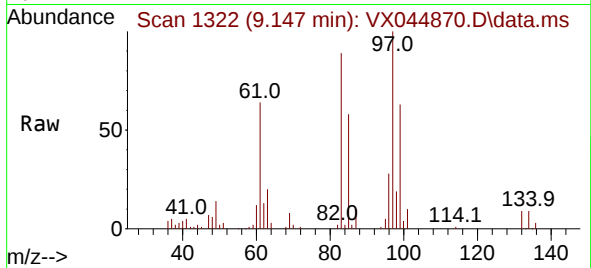
Tgt Ion: 75 Resp: 55026
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9
39 47.3 40.0 60.0





#55
1,1,2-Trichloroethane
Concen: 21.582 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

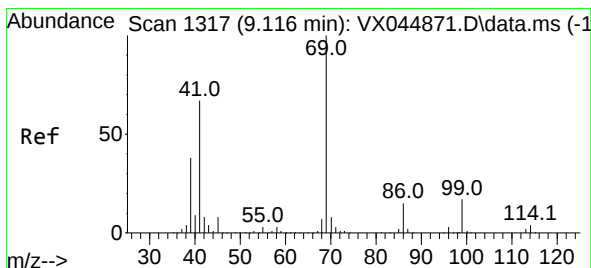
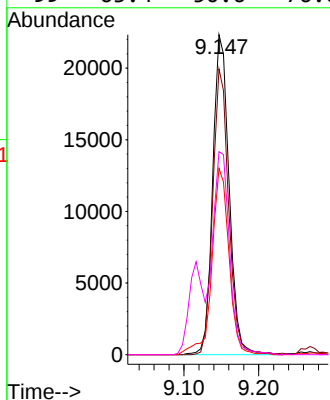
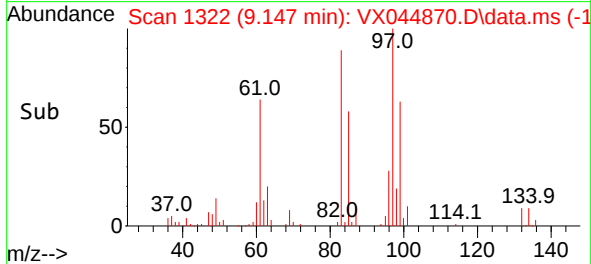
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



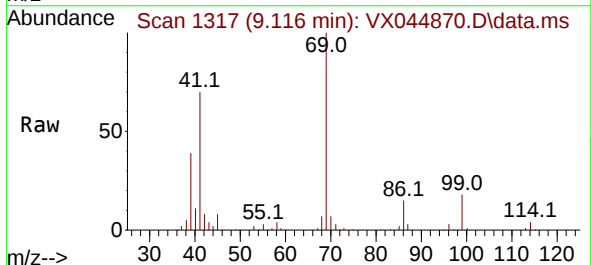
Tgt Ion: 97 Resp: 33930
Ion Ratio Lower Upper
97 100
83 89.3 69.8 104.6
85 58.3 44.8 67.2
99 63.4 50.6 76.0

Manual Integrations
APPROVED

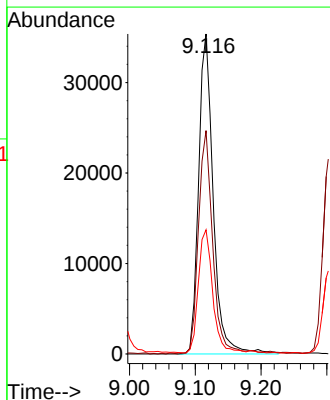
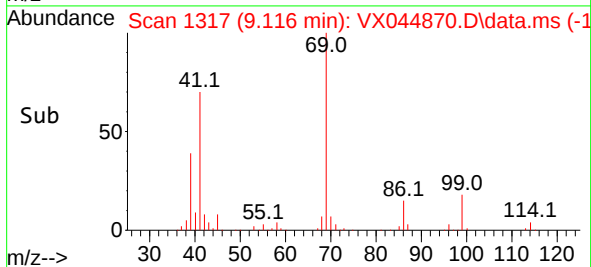
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

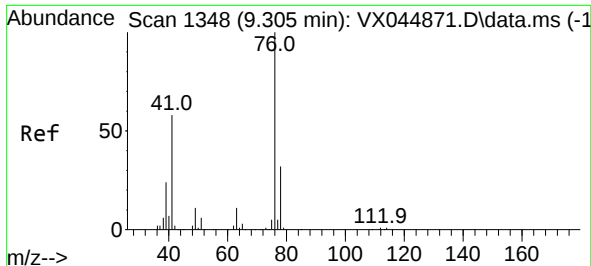


#56
Ethyl methacrylate
Concen: 21.533 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11



Tgt Ion: 69 Resp: 54674
Ion Ratio Lower Upper
69 100
41 68.4 55.2 82.8
39 37.4 30.8 46.2





#57

1,3-Dichloropropane

Concen: 21.841 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044870.D

Acq: 10 Feb 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 60079

Ion Ratio Lower Upper

76 100

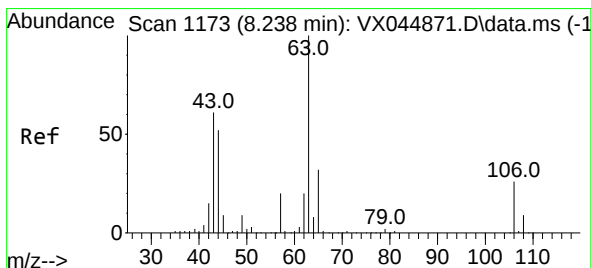
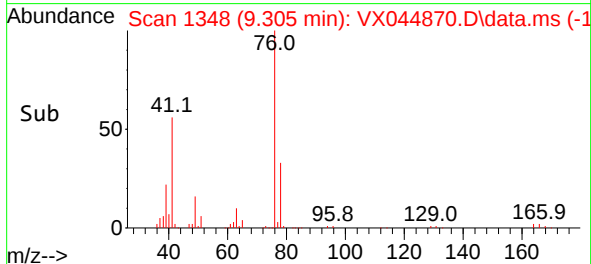
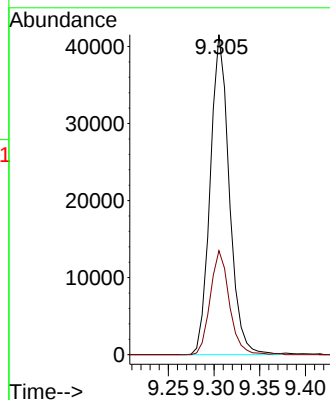
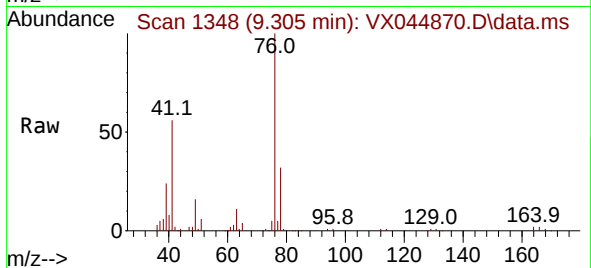
78 32.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 106.736 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044870.D

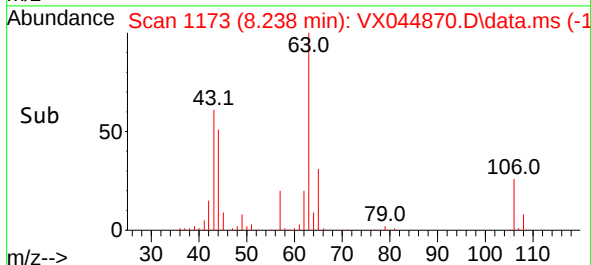
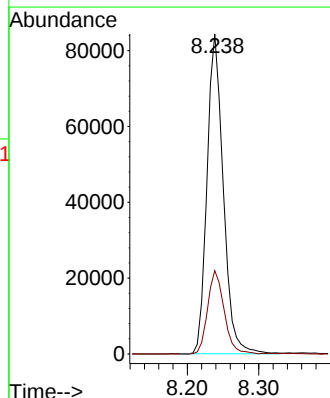
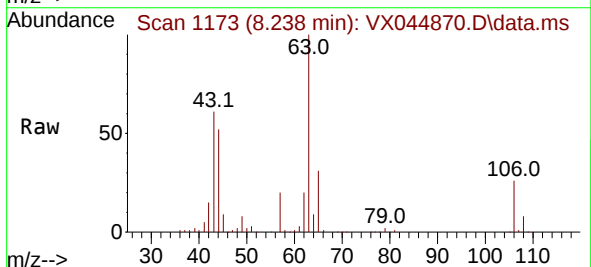
Acq: 10 Feb 2025 11:11

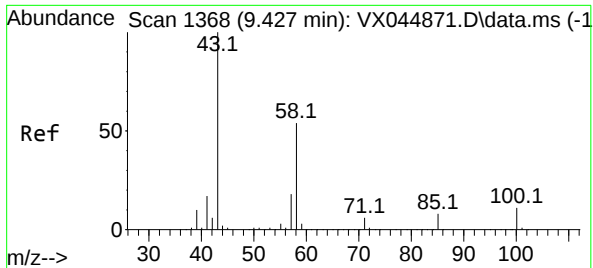
Tgt Ion: 63 Resp: 133072

Ion Ratio Lower Upper

63 100

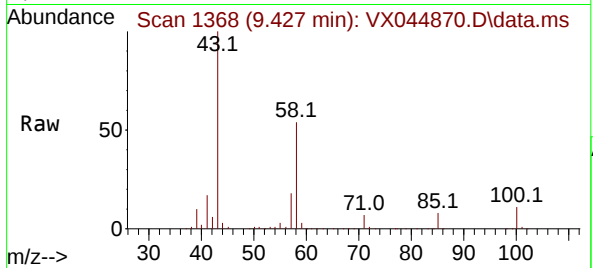
106 26.6 21.3 31.9





#59
2-Hexanone
Concen: 110.072 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

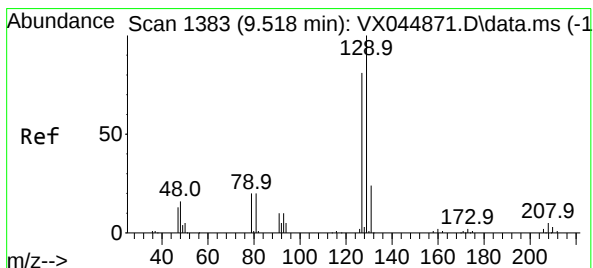
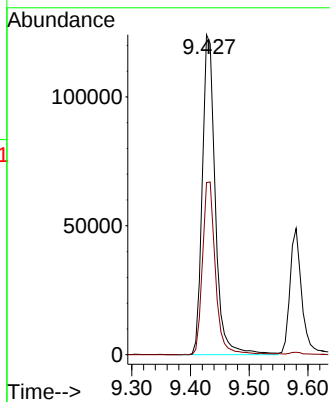
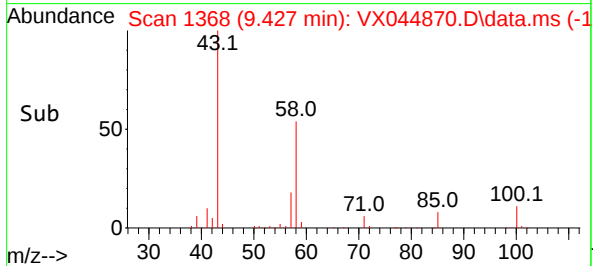
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 190449
Ion Ratio Lower Upper
43 100
58 53.5 27.5 82.4

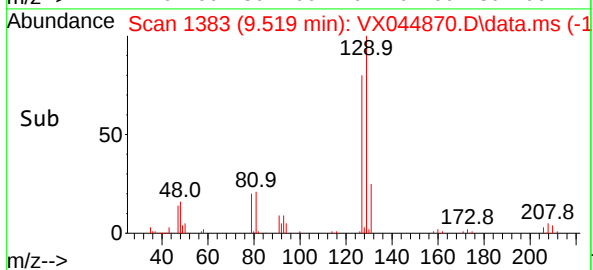
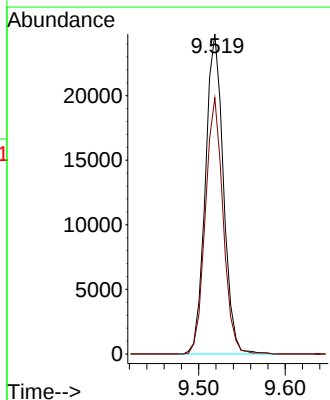
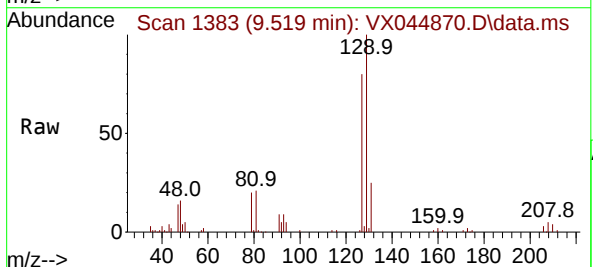
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#60
Dibromochloromethane
Concen: 21.237 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion:129 Resp: 35706
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.3





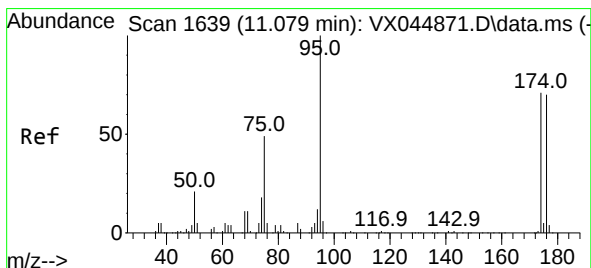
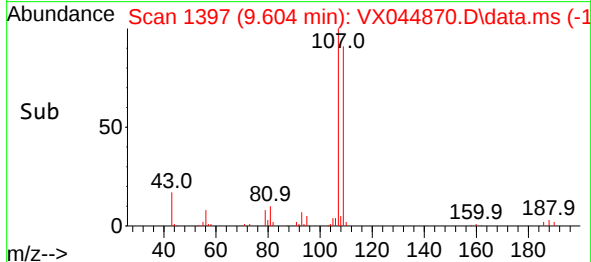
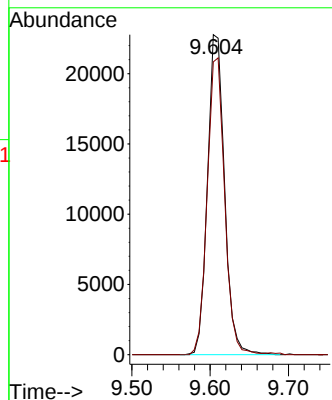
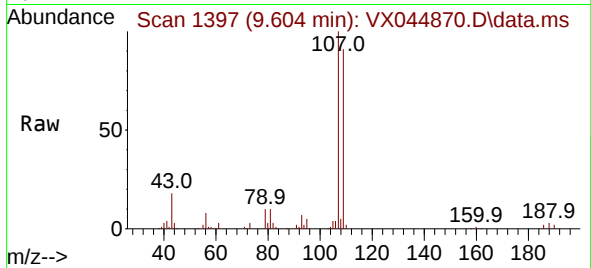
#61
1,2-Dibromoethane
Concen: 21.628 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 3446
Ion Ratio Lower Upper
107 100
109 94.5 75.9 113.9

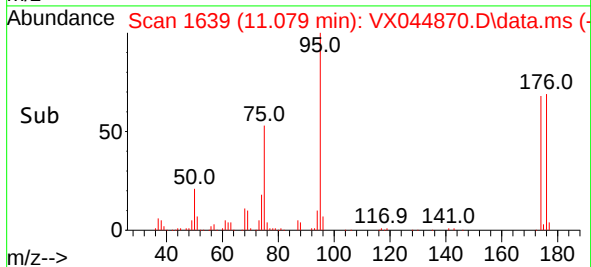
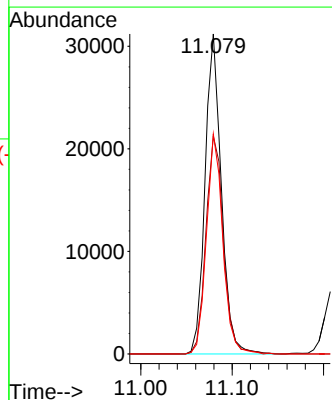
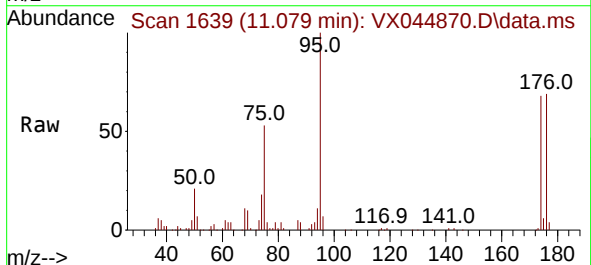
Manual Integrations
APPROVED

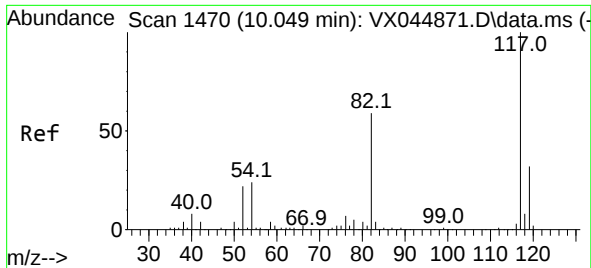
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#62
4-Bromofluorobenzene
Concen: 19.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

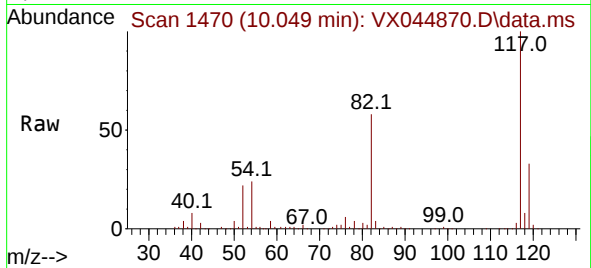
Tgt Ion: 95 Resp: 38475
Ion Ratio Lower Upper
95 100
174 73.5 0.0 142.6
176 69.0 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

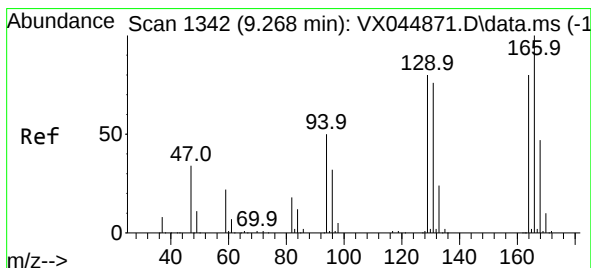
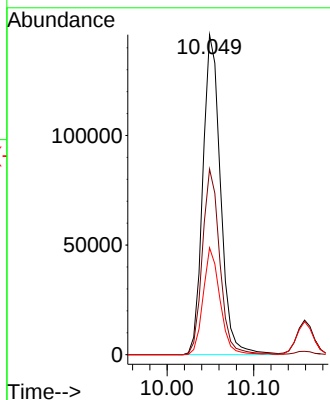
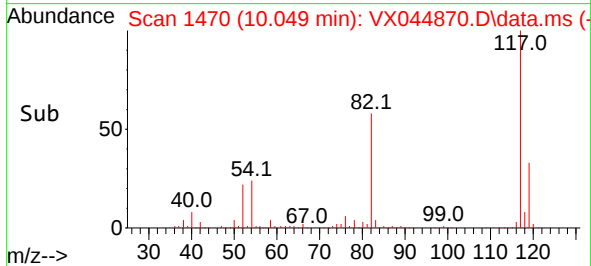
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 20766
Ion Ratio Lower Upper
117 100
82 58.0 47.5 71.3
119 33.4 25.4 38.0

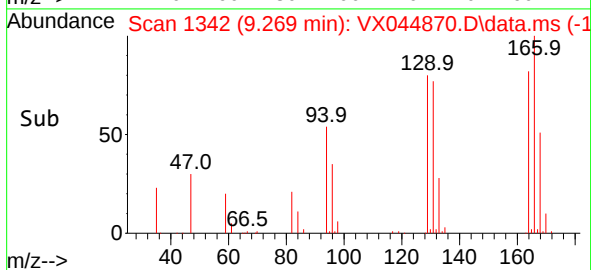
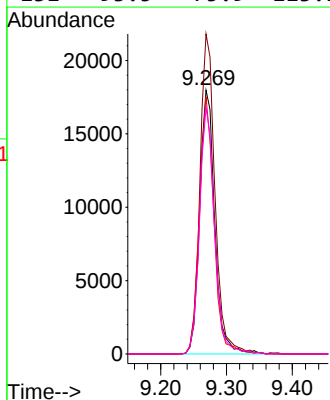
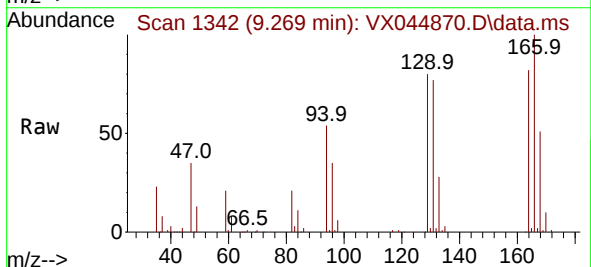
Manual Integrations
APPROVED

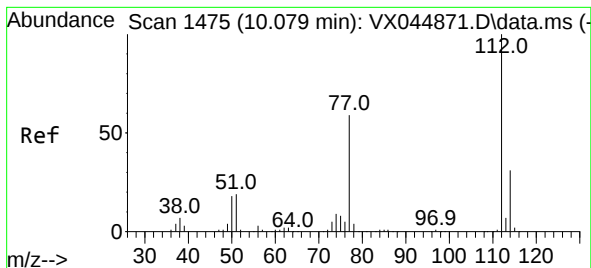
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#64
Tetrachloroethene
Concen: 21.776 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion:164 Resp: 28519
Ion Ratio Lower Upper
164 100
166 121.4 100.4 150.6
129 97.6 79.9 119.9
131 93.5 75.9 113.9





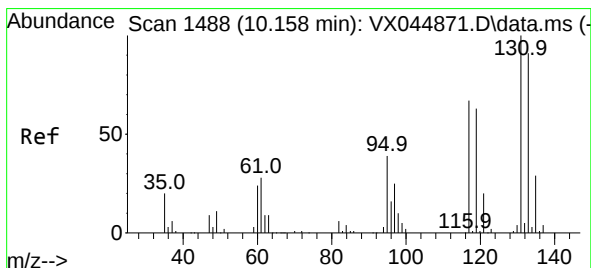
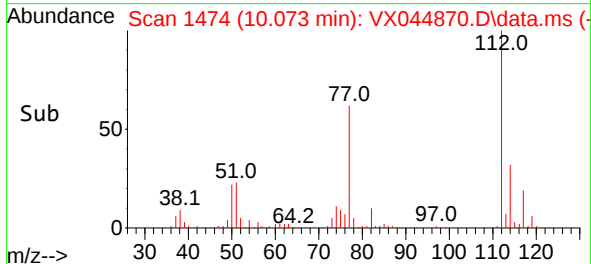
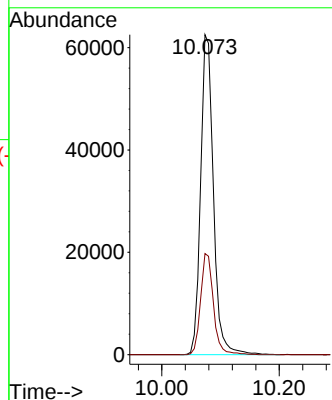
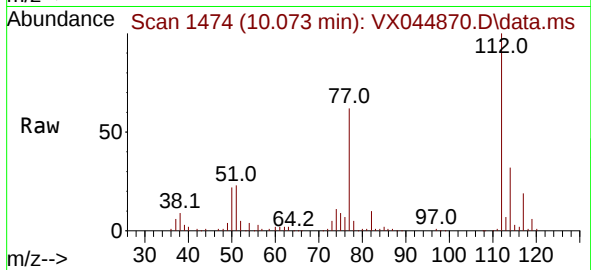
#65
Chlorobenzene
Concen: 21.230 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 9469
Ion Ratio Lower Upper
112 100
114 31.6 25.0 37.6

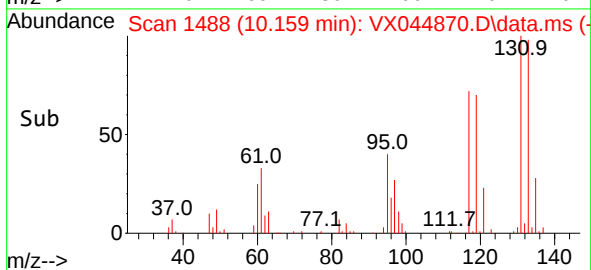
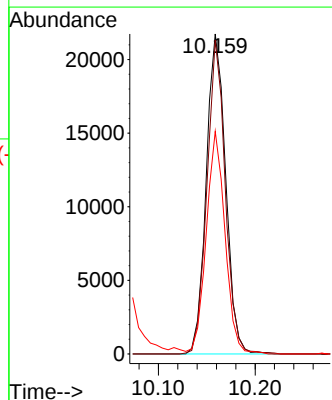
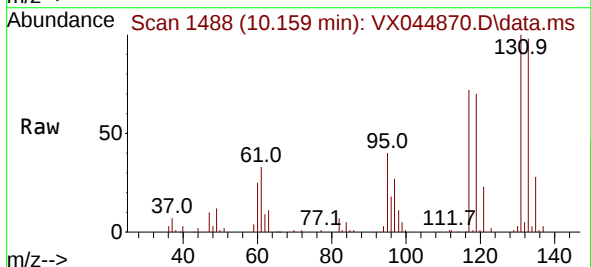
Manual Integrations
APPROVED

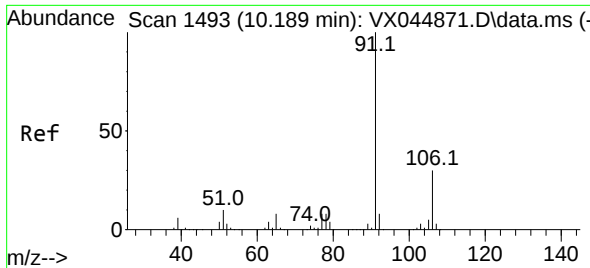
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.136 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

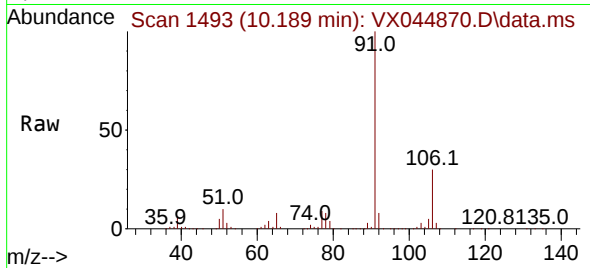
Tgt Ion:131 Resp: 30344
Ion Ratio Lower Upper
131 100
133 92.9 47.1 141.3
119 67.4 33.6 100.6





#67
Ethyl Benzene
Concen: 21.327 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

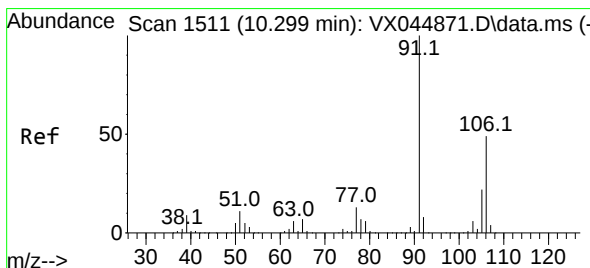
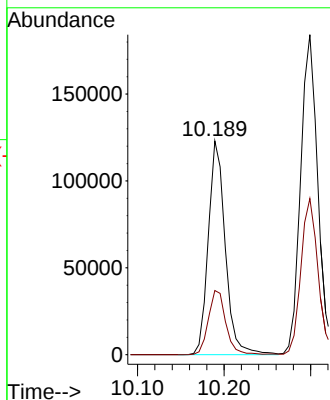
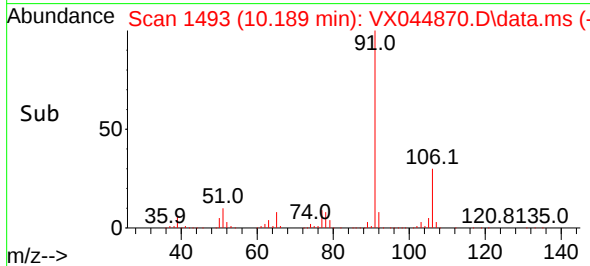
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



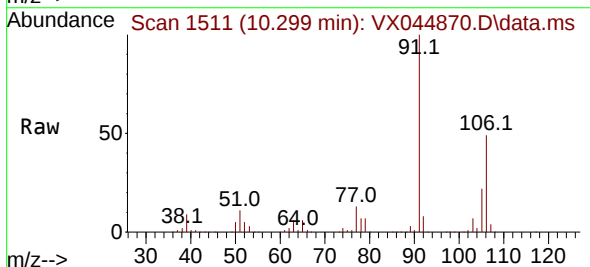
Tgt Ion: 91 Resp: 16786
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9

Manual Integrations
APPROVED

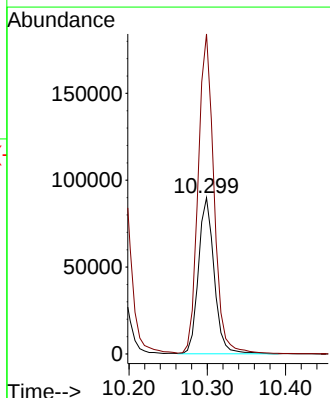
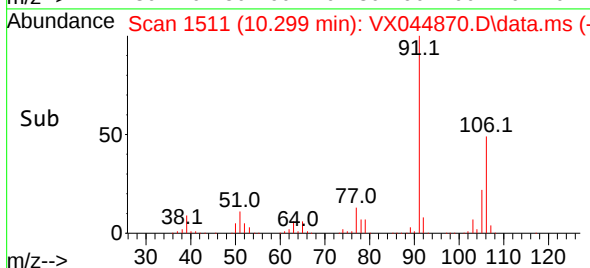
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

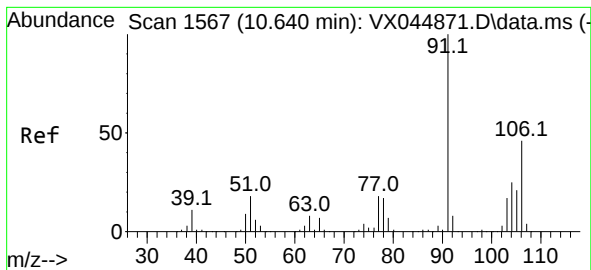


#68
m/p-Xylenes
Concen: 43.144 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11



Tgt Ion:106 Resp: 125271
Ion Ratio Lower Upper
106 100
91 206.3 164.3 246.5





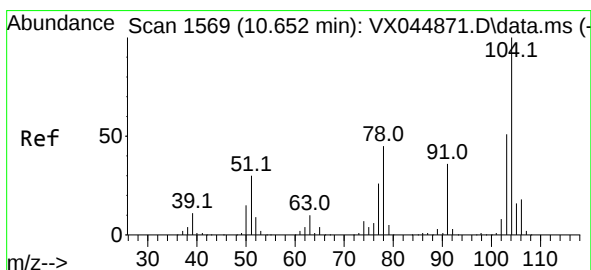
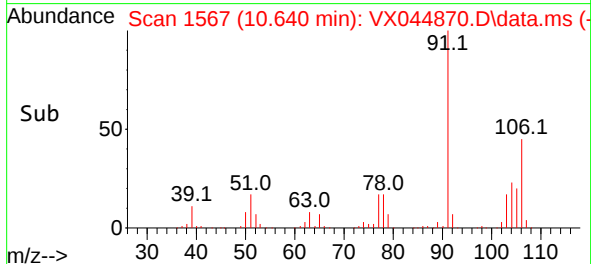
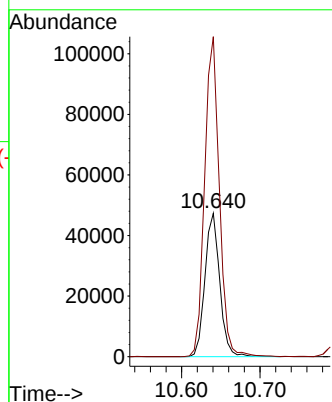
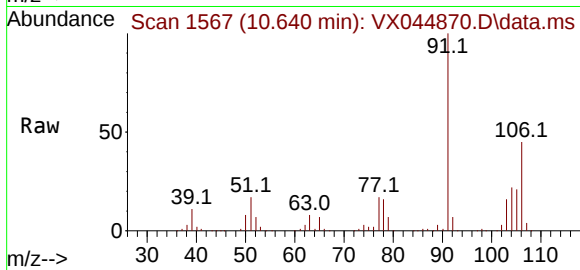
#69
o-Xylene
Concen: 21.310 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 6208
Ion Ratio Lower Upper
106 100
91 221.5 108.5 325.5

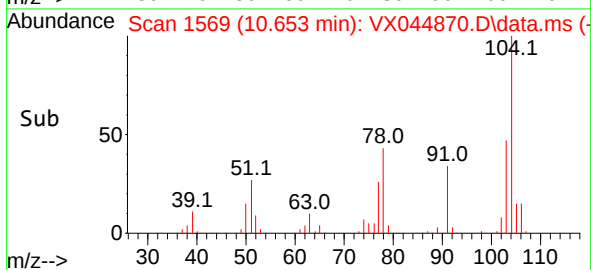
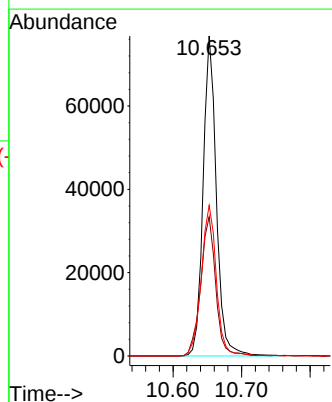
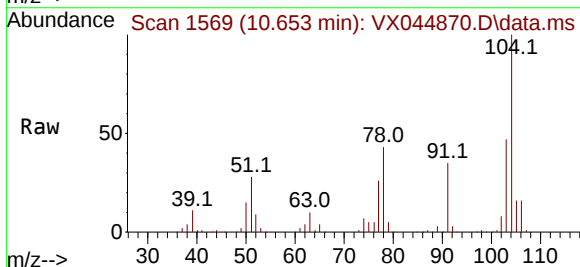
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#70
Styrene
Concen: 22.101 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion:104 Resp: 103740
Ion Ratio Lower Upper
104 100
78 49.2 40.5 60.7
103 53.5 43.6 65.4





#71

Bromoform

Concen: 21.086 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044870.D

Acq: 10 Feb 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

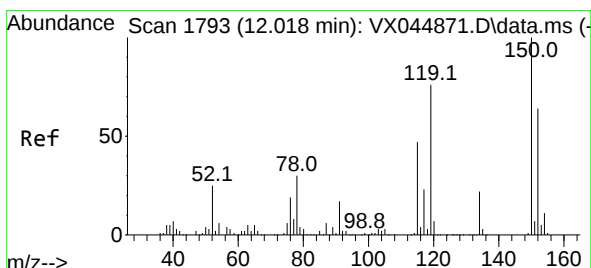
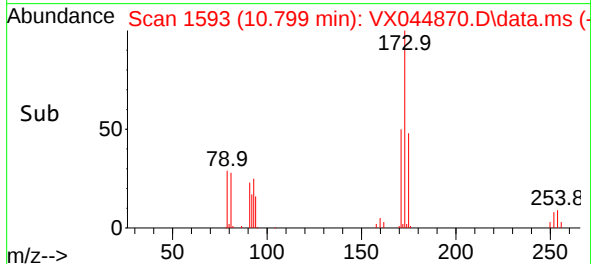
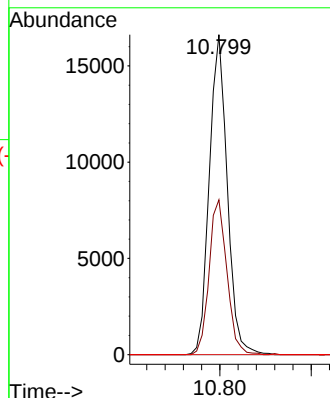
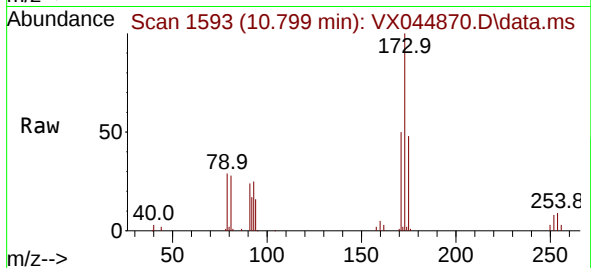
Tgt Ion:173	Resp:	22592
Ion Ratio	Lower	Upper
173	100	
175	48.0	24.3 72.8
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

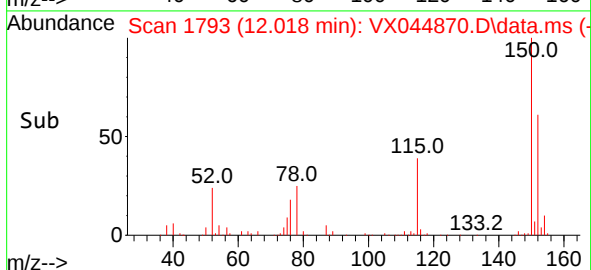
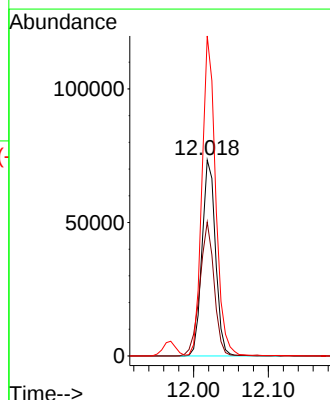
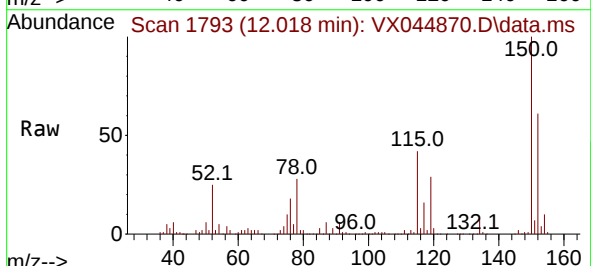
RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044870.D

Acq: 10 Feb 2025 11:11

Tgt Ion:152	Resp:	92093
Ion Ratio	Lower	Upper
152	100	
115	72.4	43.4 130.1
150	164.8	0.0 350.4





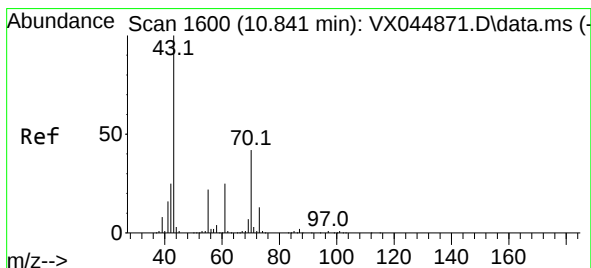
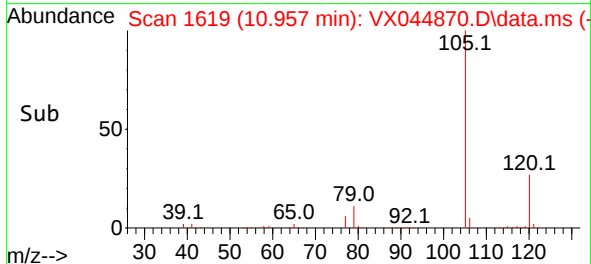
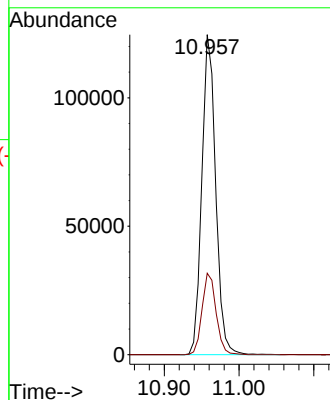
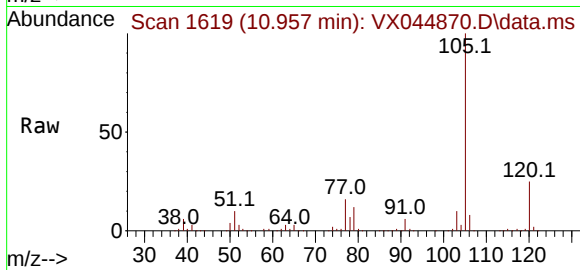
#73
Isopropylbenzene
Concen: 21.597 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 16014
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5

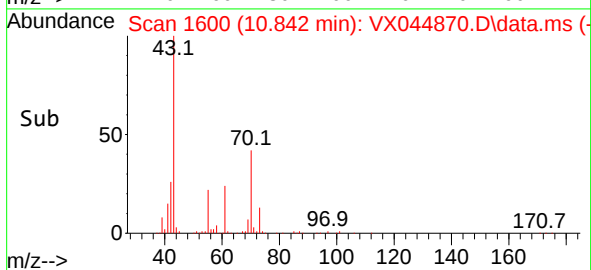
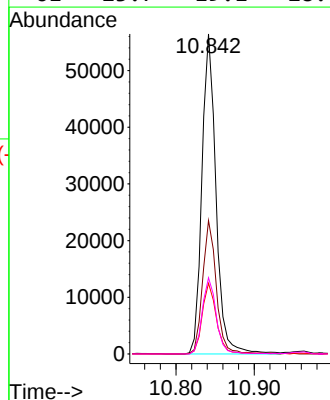
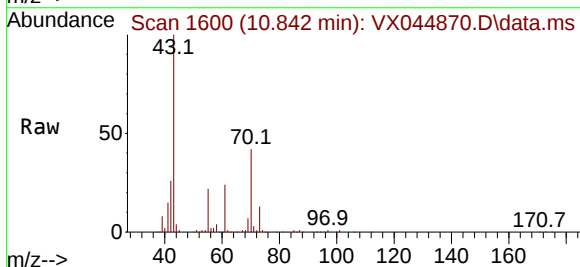
Manual Integrations
APPROVED

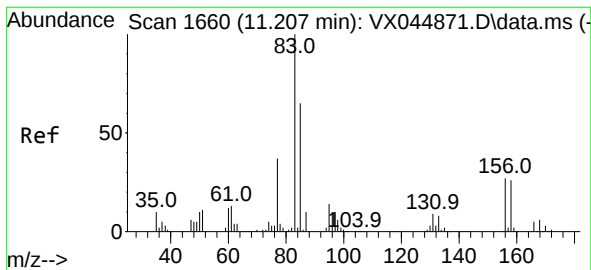
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#74
N-ethyl acetate
Concen: 21.023 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion: 43 Resp: 70542
Ion Ratio Lower Upper
43 100
70 40.7 33.7 50.5
55 22.4 18.6 27.8
61 23.7 19.1 28.7





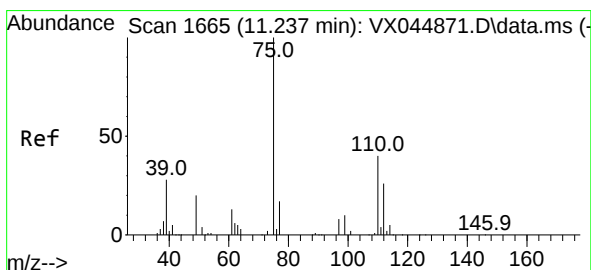
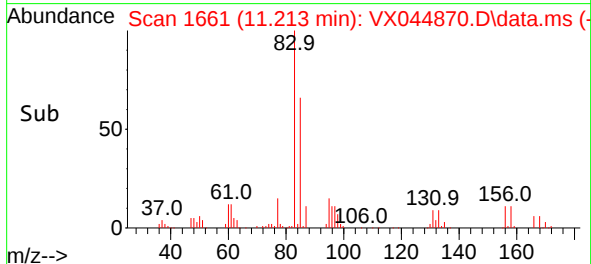
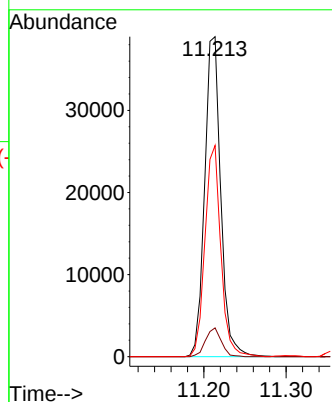
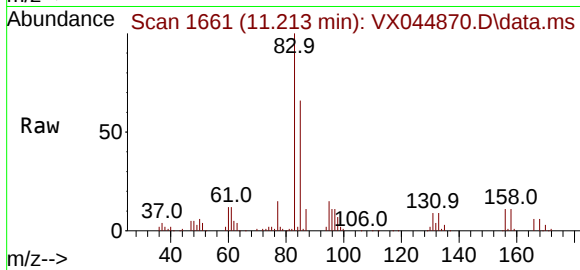
#75
1,1,2,2-Tetrachloroethane
Concen: 20.787 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.007 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 5296
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.5
85 65.1 32.3 96.8

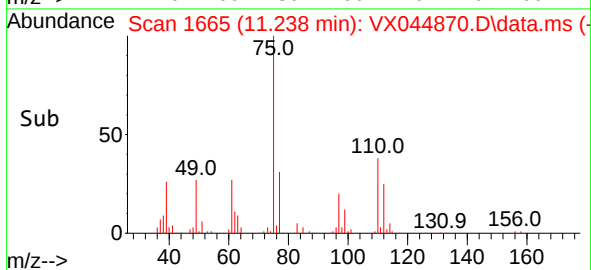
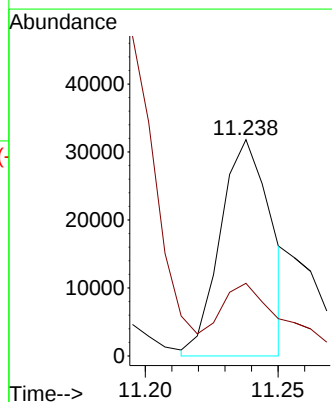
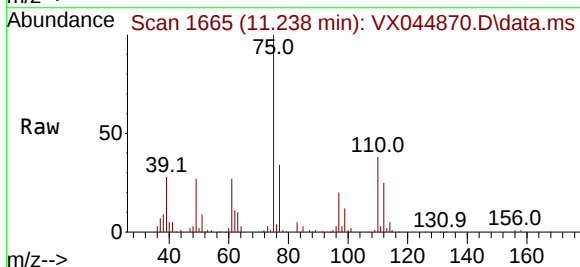
Manual Integrations
APPROVED

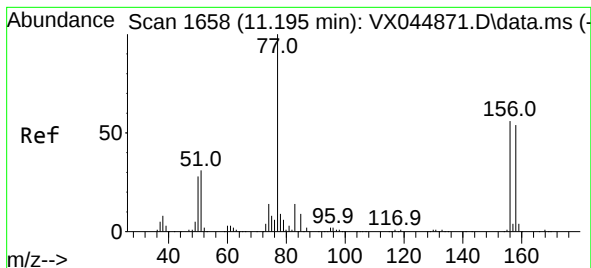
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#76
1,2,3-Trichloropropane
Concen: 20.589 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion: 75 Resp: 42040
Ion Ratio Lower Upper
75 100
77 43.7 21.9 65.7





#77

Bromobenzene

Concen: 21.426 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044870.D

Acq: 10 Feb 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

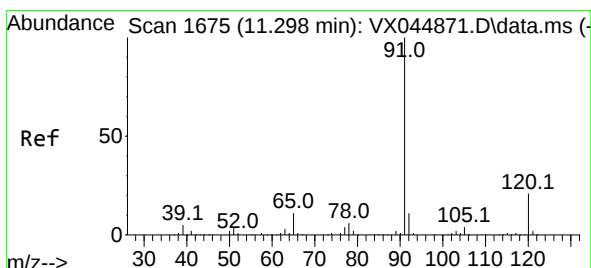
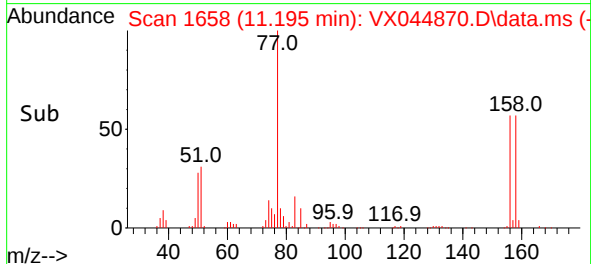
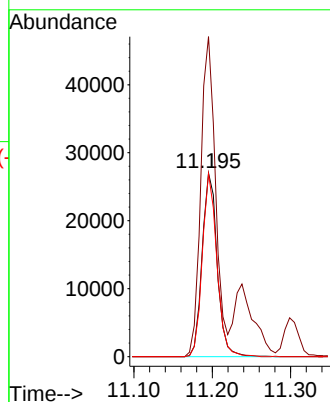
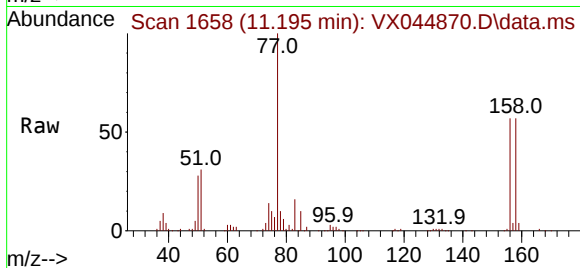
Tgt Ion:	156	Resp:	3602
Ion Ratio	Lower	Upper	
156	100		
77	171.1	88.4	265.3
158	96.8	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#78

n-propylbenzene

Concen: 21.406 ug/l

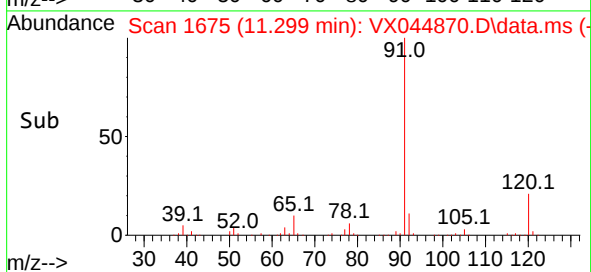
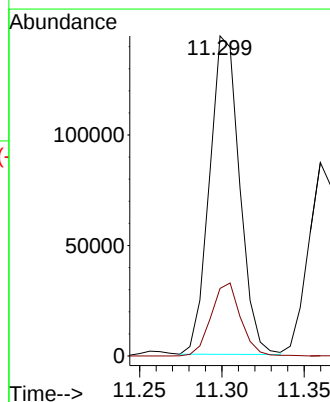
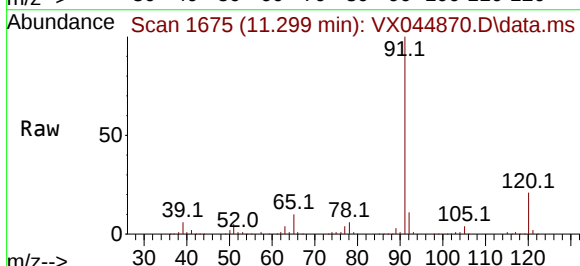
RT: 11.299 min Scan# 1675

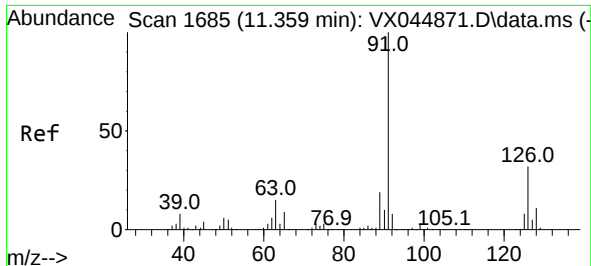
Delta R.T. 0.000 min

Lab File: VX044870.D

Acq: 10 Feb 2025 11:11

Tgt Ion:	91	Resp:	183212
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.1	33.3





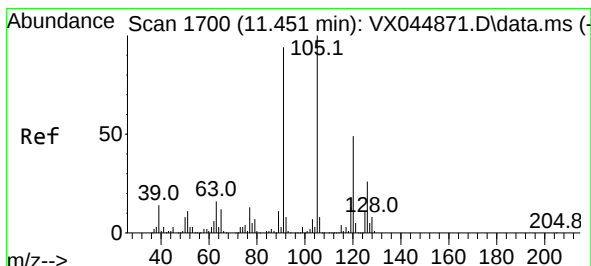
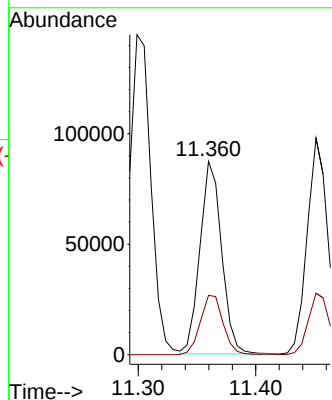
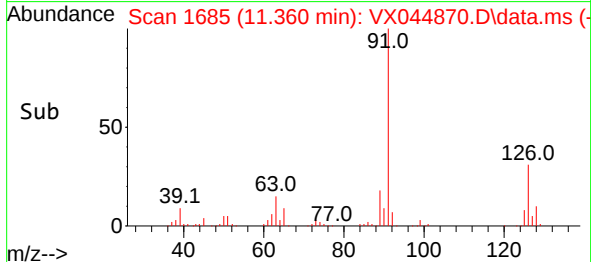
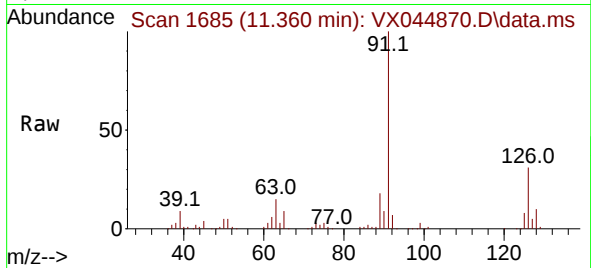
#79
2-Chlorotoluene
Concen: 21.250 ug/l
RT: 11.360 min Scan# 11178
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 11178
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6

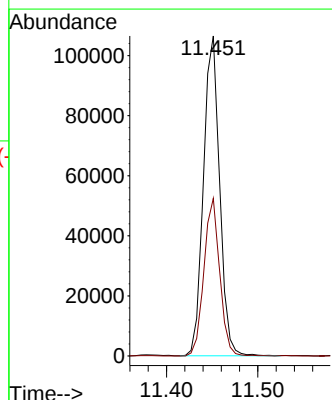
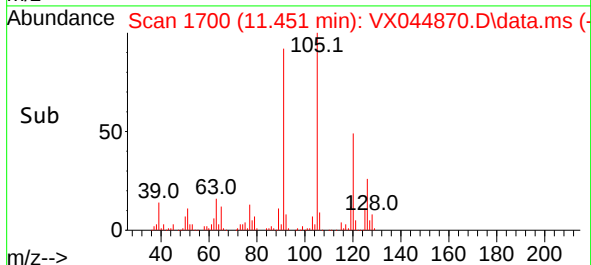
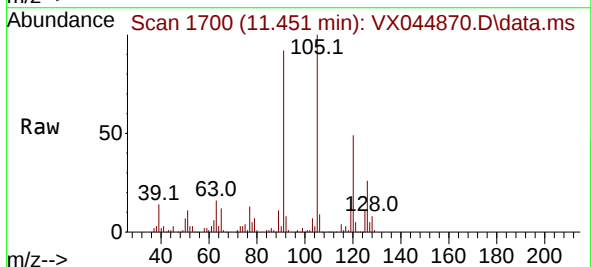
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 21.691 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Tgt Ion:105 Resp: 130526
Ion Ratio Lower Upper
105 100
120 48.1 24.0 72.0





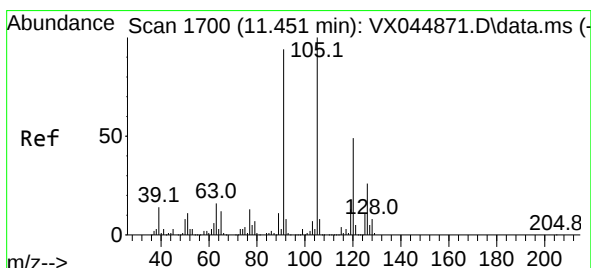
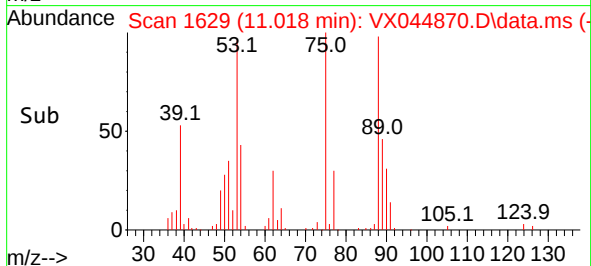
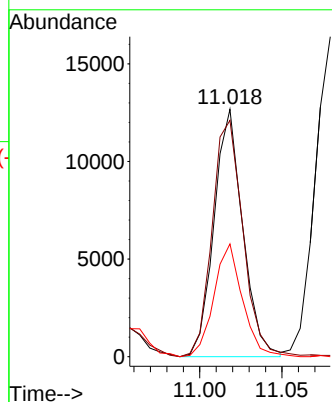
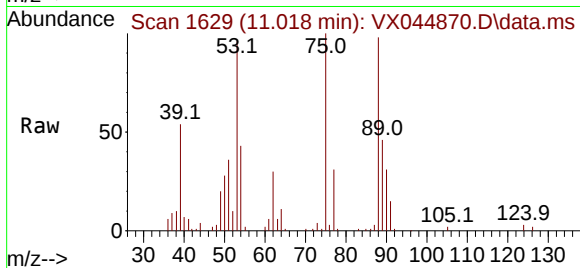
#81
trans-1,4-Dichloro-2-butene
Concen: 19.370 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 15379
Ion Ratio Lower Upper
75 100
53 103.3 78.0 117.0
89 45.3 36.6 54.8

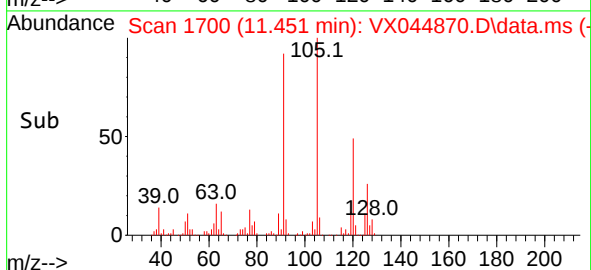
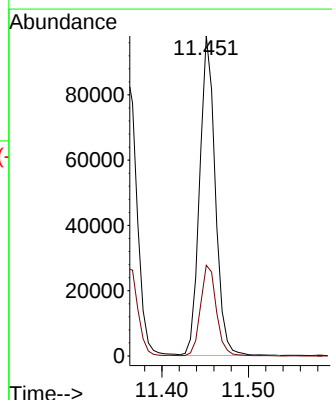
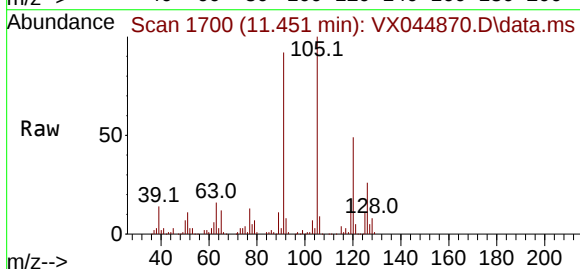
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#82
4-Chlorotoluene
Concen: 21.016 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

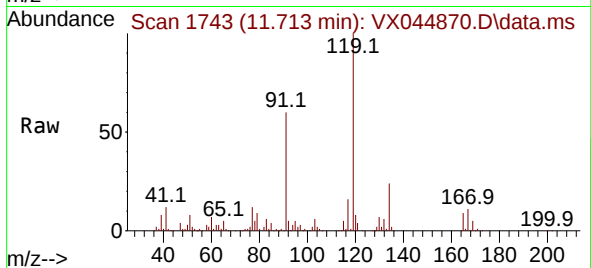
Tgt Ion: 91 Resp: 122303
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.6





#83
tert-Butylbenzene
Concen: 21.414 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

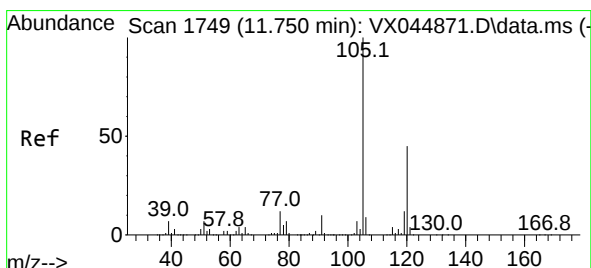
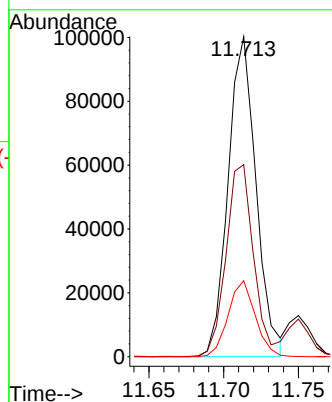
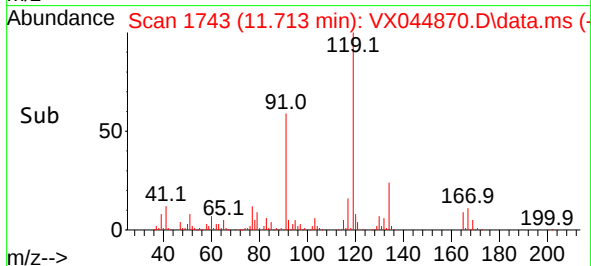
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



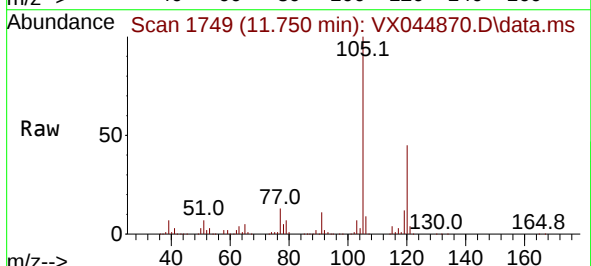
Tgt Ion:119 Resp: 130358
Ion Ratio Lower Upper
119 100
91 58.6 29.1 87.4
134 23.1 11.5 34.5

Manual Integrations
APPROVED

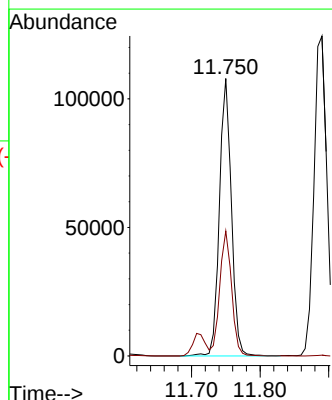
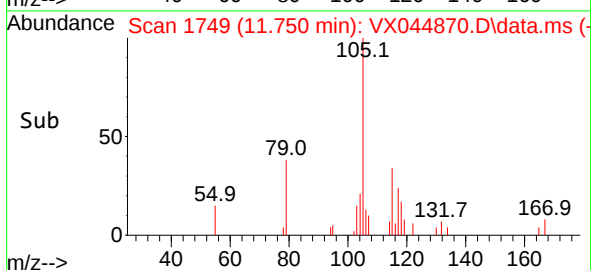
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

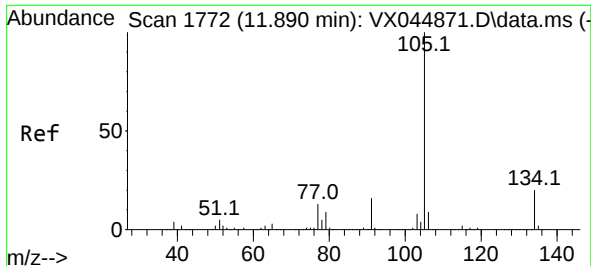


#84
1,2,4-Trimethylbenzene
Concen: 21.924 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11



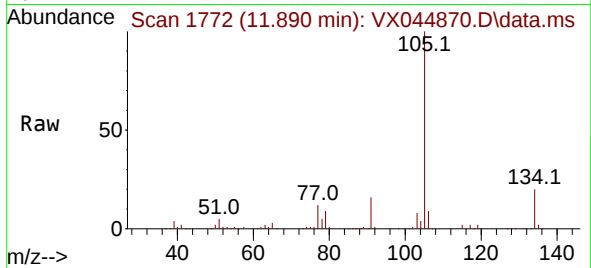
Tgt Ion:105 Resp: 130211
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 21.607 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044870.D
 Acq: 10 Feb 2025 11:11

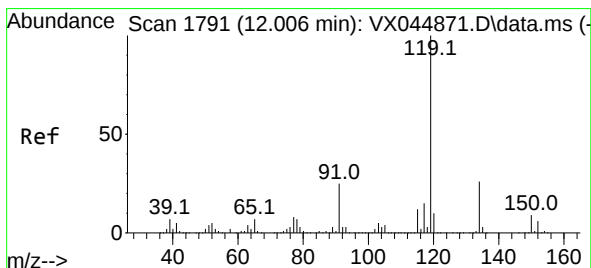
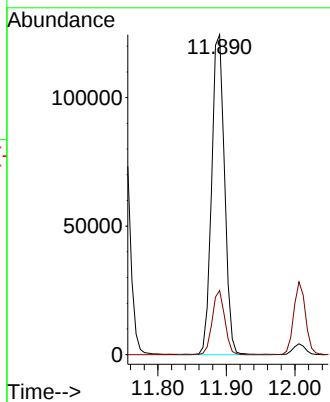
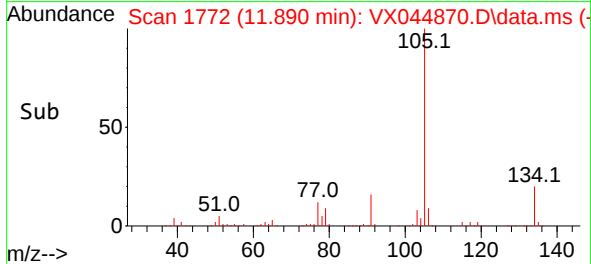
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



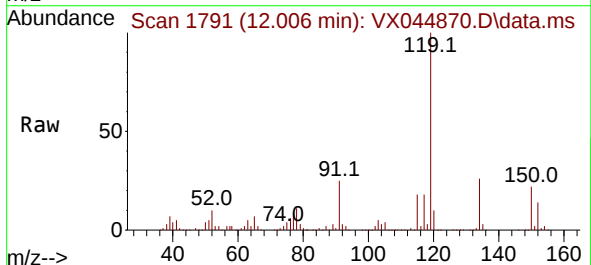
Tgt Ion:105 Resp: 162875
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

Manual Integrations
 APPROVED

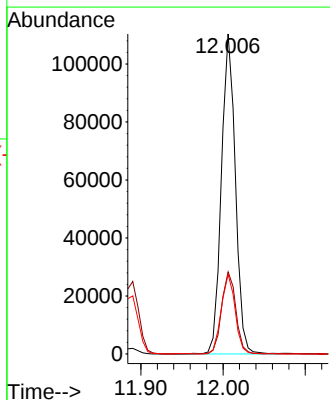
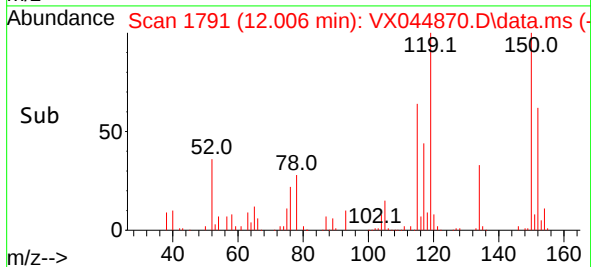
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#86
 p-Isopropyltoluene
 Concen: 21.551 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044870.D
 Acq: 10 Feb 2025 11:11



Tgt Ion:119 Resp: 130643
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 24.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.747 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044870.D

Acq: 10 Feb 2025 11:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

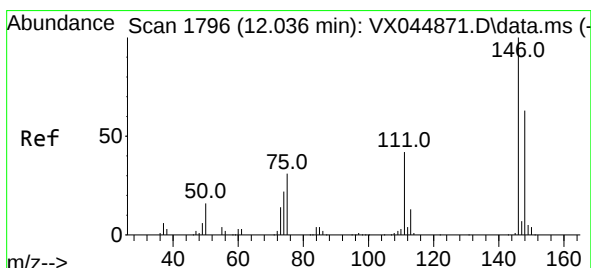
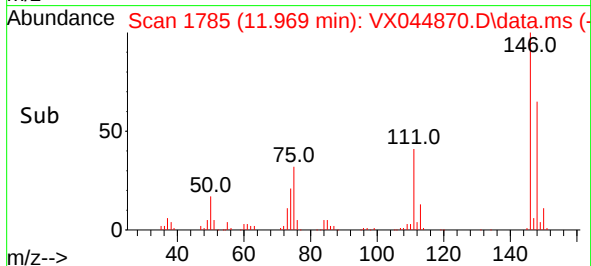
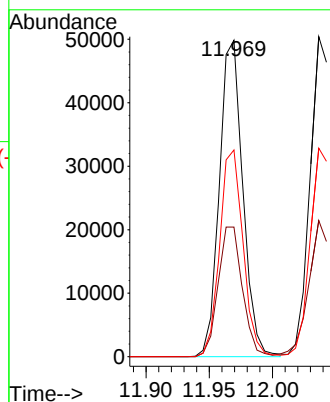
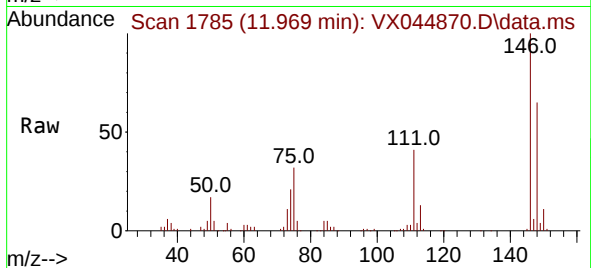
Tgt Ion:146 Resp: 6414
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.2 63.6
 148 65.2 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#88

1,4-Dichlorobenzene

Concen: 20.758 ug/l

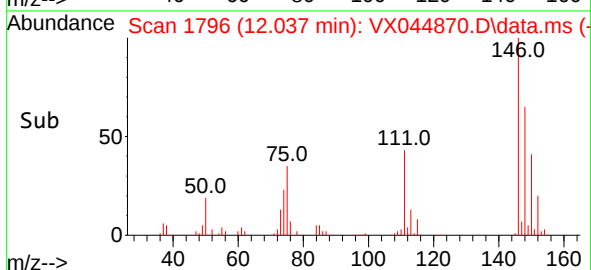
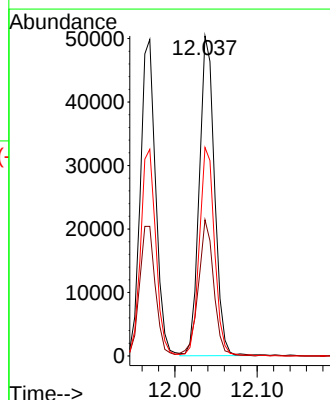
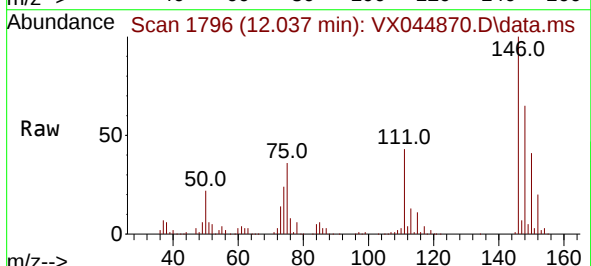
RT: 12.037 min Scan# 1796

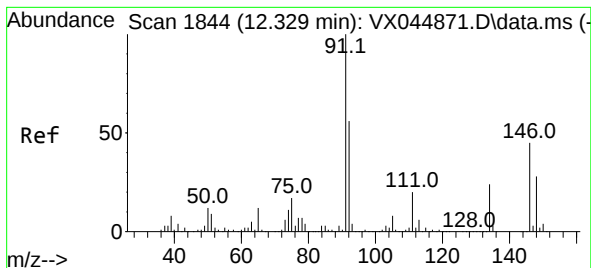
Delta R.T. 0.000 min

Lab File: VX044870.D

Acq: 10 Feb 2025 11:11

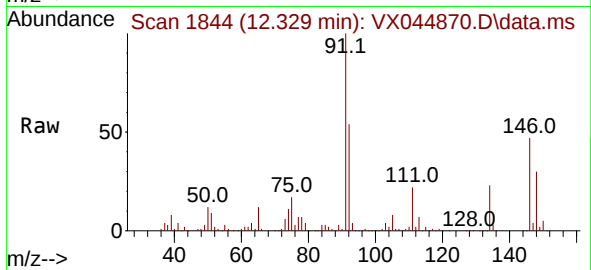
Tgt Ion:146 Resp: 64889
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.4 61.3
 148 65.3 32.0 96.0





#89
n-Butylbenzene
Concen: 21.202 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

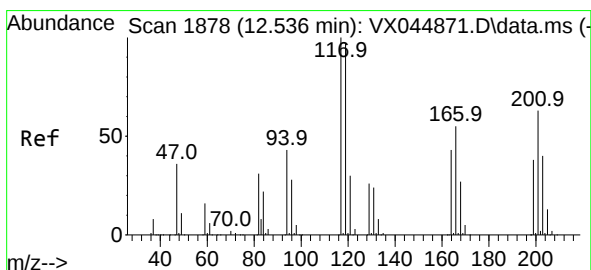
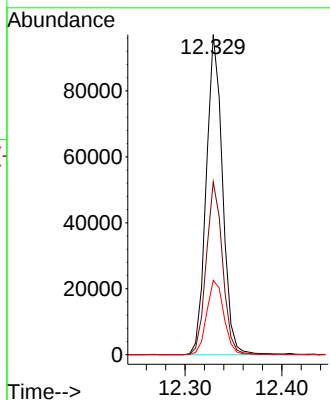
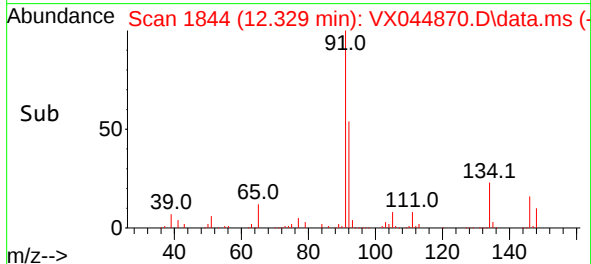
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 11370
Ion Ratio Lower Upper
91 100
92 54.3 27.2 81.6
134 24.7 12.1 36.3

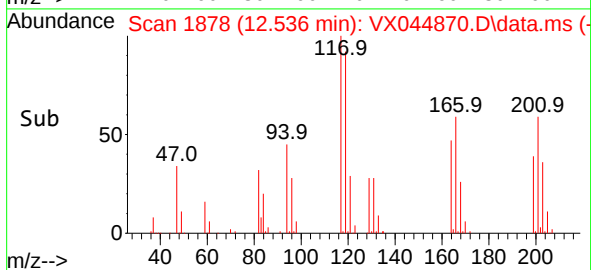
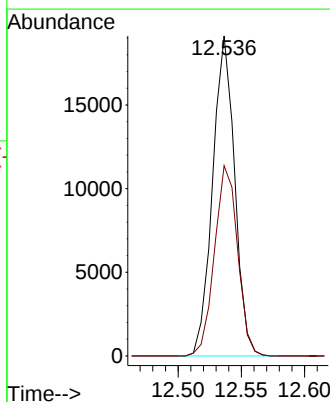
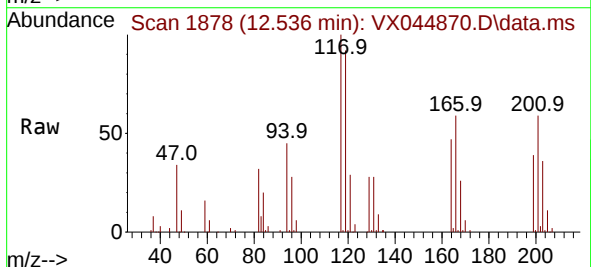
Manual Integrations
APPROVED

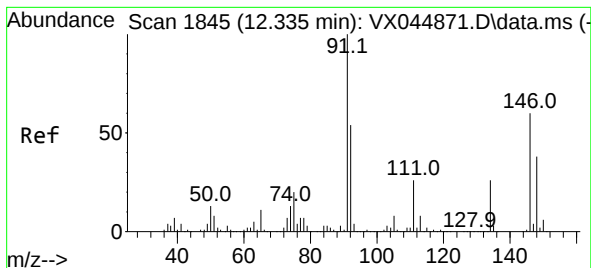
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#90
Hexachloroethane
Concen: 20.398 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

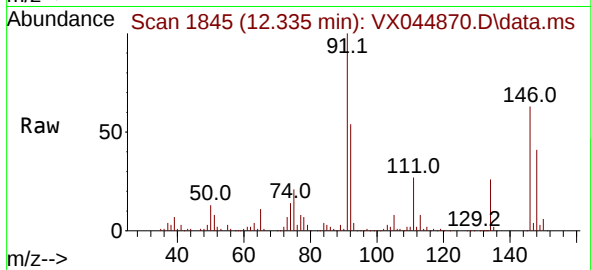
Tgt Ion:117 Resp: 23153
Ion Ratio Lower Upper
117 100
201 62.4 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 21.373 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

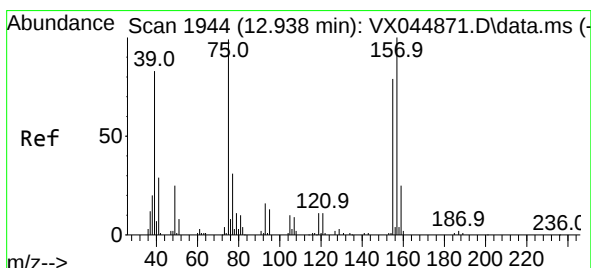
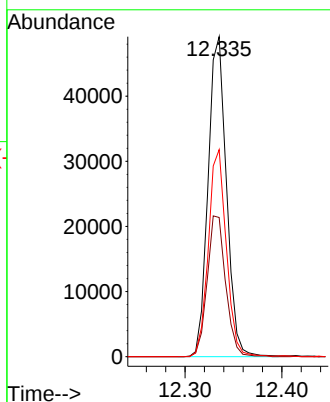
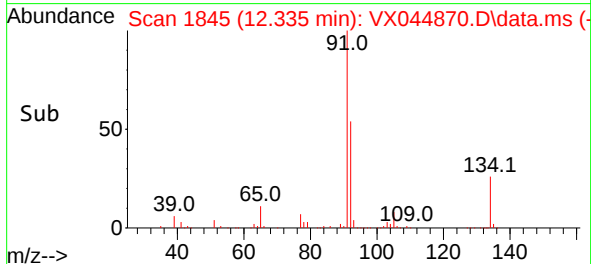
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



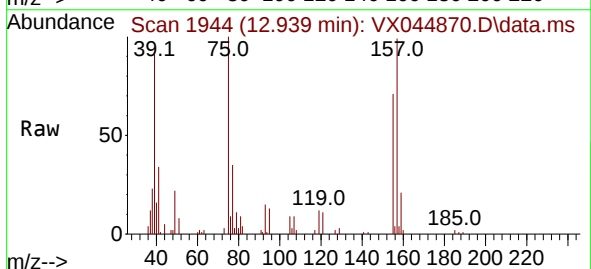
Tgt Ion:146 Resp: 64940
Ion Ratio Lower Upper
146 100
111 44.4 21.8 65.4
148 63.3 31.9 95.9

Manual Integrations
APPROVED

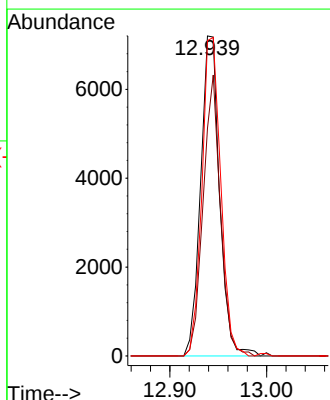
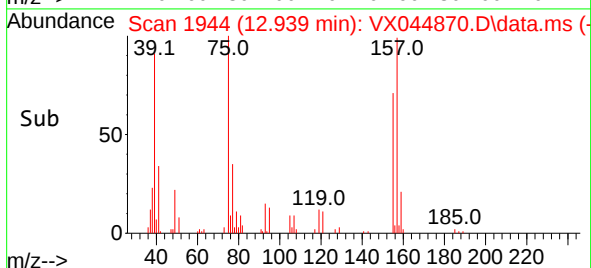
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.230 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11



Tgt Ion: 75 Resp: 9873
Ion Ratio Lower Upper
75 100
155 79.8 40.5 121.4
157 98.3 51.4 154.3





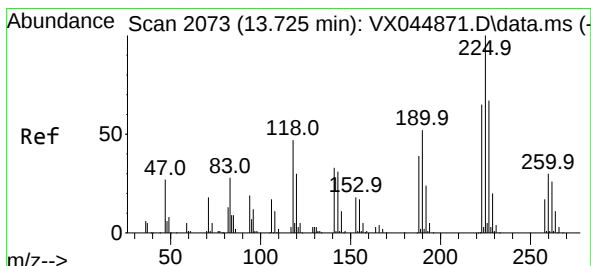
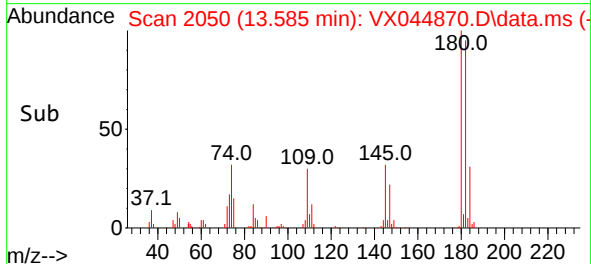
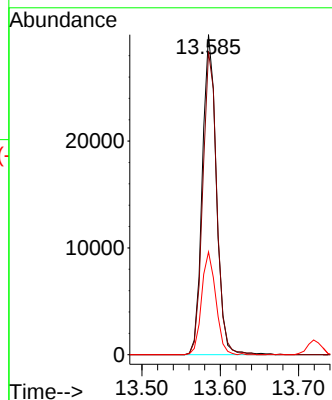
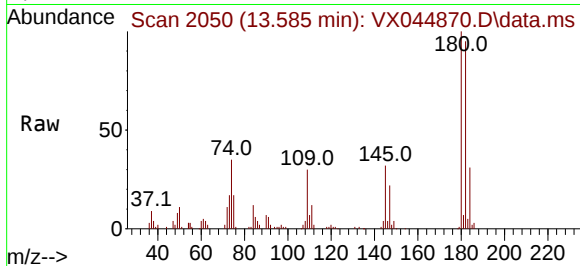
#93
1,2,4-Trichlorobenzene
Concen: 20.292 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:180 Resp: 37308
Ion Ratio Lower Upper
180 100
182 94.4 47.6 142.8
145 32.4 16.4 49.1

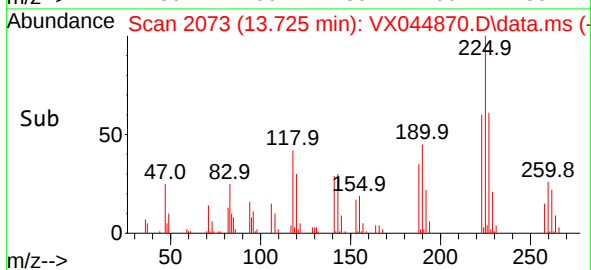
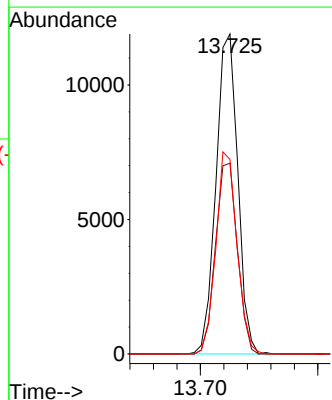
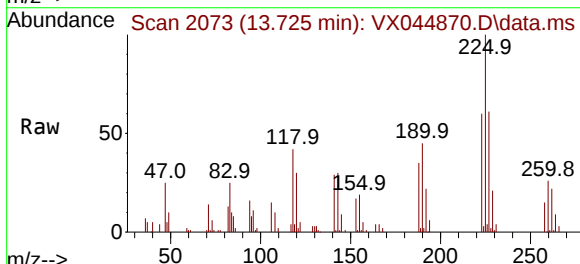
Manual Integrations
APPROVED

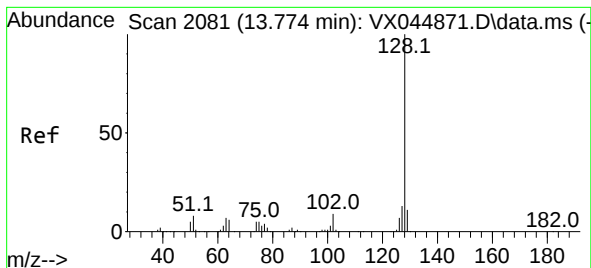
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#94
Hexachlorobutadiene
Concen: 20.979 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

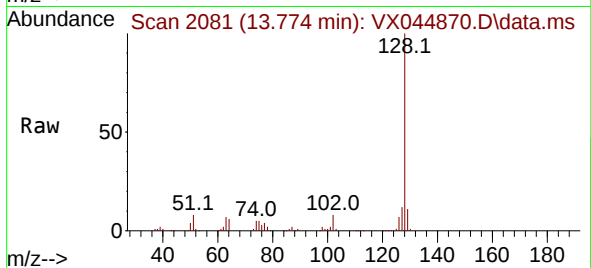
Tgt Ion:225 Resp: 15312
Ion Ratio Lower Upper
225 100
223 59.9 31.4 94.2
227 61.4 32.3 96.8





#95
Naphthalene
Concen: 21.502 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11

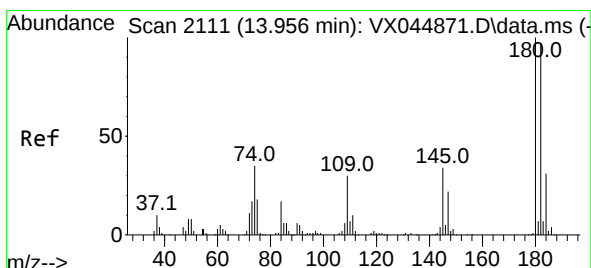
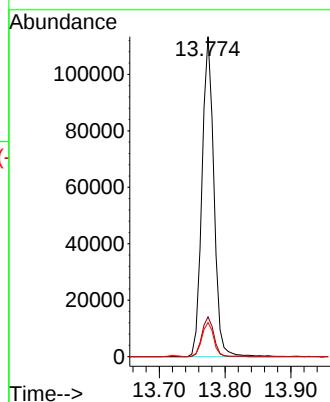
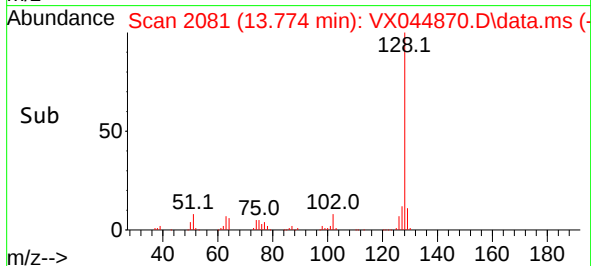
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



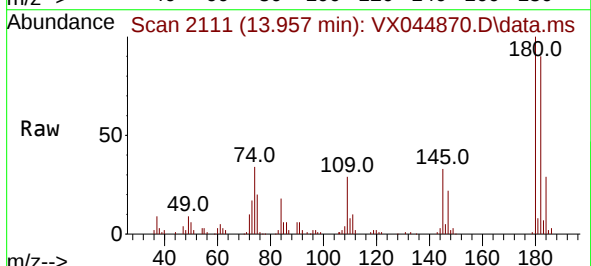
Tgt Ion:128 Resp: 142902
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.6 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 20.722 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044870.D
Acq: 10 Feb 2025 11:11



Tgt Ion:180 Resp: 38389
Ion Ratio Lower Upper
180 100
182 93.2 47.9 143.6
145 33.5 17.1 51.3

