

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086168.D
 Acq On : 31 Mar 2025 14:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2025
 Supervised By : Mahesh Dadoda 04/01/2025

Quant Time: Apr 01 01:35:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	243079	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	374640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	345634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	184945	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	144173	43.314	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.620%		
35) Dibromofluoromethane	8.159	113	123001	47.038	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.080%		
50) Toluene-d8	10.565	98	462285	48.711	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.420%		
62) 4-Bromofluorobenzene	12.847	95	168996	49.931	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	151976	47.192	ug/l	99
3) Chloromethane	2.360	50	121570	43.061	ug/l	97
4) Vinyl Chloride	2.512	62	119603	41.433	ug/l	98
5) Bromomethane	2.942	94	79643	40.504	ug/l	92
6) Chloroethane	3.112	64	74174	40.731	ug/l	99
7) Trichlorofluoromethane	3.495	101	220179	42.430	ug/l	99
8) Diethyl Ether	3.959	74	72221	45.463	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.365	101	126592	45.901	ug/l	98
10) Methyl Iodide	4.583	142	167690	46.663	ug/l	98
11) Tert butyl alcohol	5.518	59	82532	175.128	ug/l	99
12) 1,1-Dichloroethene	4.336	96	119160	47.849	ug/l	98
13) Acrolein	4.177	56	118519	235.791	ug/l	95
14) Allyl chloride	5.018	41	141450	45.529	ug/l	96
15) Acrylonitrile	5.712	53	273503	219.749	ug/l	99
16) Acetone	4.418	43	242628	238.593	ug/l	99
17) Carbon Disulfide	4.706	76	358316	43.751	ug/l	99
18) Methyl Acetate	5.018	43	105638	41.986	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	362400	44.409	ug/l	100
20) Methylene Chloride	5.277	84	131818	44.310	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	125464	46.100	ug/l	94
22) Diisopropyl ether	6.671	45	331491	50.069	ug/l	98
23) Vinyl Acetate	6.600	43	1212650	241.619	ug/l	98
24) 1,1-Dichloroethane	6.565	63	222809	45.766	ug/l	99
25) 2-Butanone	7.477	43	333099	227.008	ug/l	97
26) 2,2-Dichloropropane	7.489	77	205381	43.818	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	146269	47.295	ug/l	99
28) Bromochloromethane	7.812	49	103377	50.118	ug/l	96
29) Tetrahydrofuran	7.836	42	206892	228.386	ug/l	96
30) Chloroform	7.965	83	234353	43.550	ug/l	99
31) Cyclohexane	8.253	56	194161	46.815	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	216920	42.584	ug/l	97
36) 1,1-Dichloropropene	8.371	75	167645	48.688	ug/l	100
37) Ethyl Acetate	7.553	43	128237	44.146	ug/l	100
38) Carbon Tetrachloride	8.359	117	202557	44.741	ug/l	97
39) Methylcyclohexane	9.600	83	177850	52.061	ug/l	96
40) Benzene	8.600	78	523107	48.395	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	72457	52.237	ug/l	90
42) 1,2-Dichloroethane	8.665	62	164356	43.638	ug/l	98
43) Isopropyl Acetate	8.689	43	216336	34.368	ug/l	99
44) Trichloroethene	9.347	130	125106	44.657	ug/l	99
45) 1,2-Dichloropropane	9.618	63	124478	50.632	ug/l	98
46) Dibromomethane	9.706	93	88698	45.876	ug/l	98
47) Bromodichloromethane	9.888	83	185163	45.824	ug/l	99
48) Methyl methacrylate	9.677	41	100922	48.586	ug/l	96
49) 1,4-Dioxane	9.688	88	44706	910.445	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	670261	241.441	ug/l	97
52) Toluene	10.630	92	335110	50.513	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	190552	48.558	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	202057	48.802	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	121691	48.060	ug/l	95
56) Ethyl methacrylate	10.871	69	179698	46.204	ug/l	98
57) 1,3-Dichloropropane	11.159	76	206509	48.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	386119	254.459	ug/l	98
59) 2-Hexanone	11.194	43	505300	249.856	ug/l	98
60) Dibromochloromethane	11.359	129	153120	46.863	ug/l	98
61) 1,2-Dibromoethane	11.465	107	122470	47.114	ug/l	97
64) Tetrachloroethene	11.100	164	128275	46.524	ug/l	96
65) Chlorobenzene	11.888	112	360796	45.618	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	131906	44.865	ug/l	99
67) Ethyl Benzene	11.959	91	623158	49.256	ug/l	100
68) m/p-Xylenes	12.071	106	503524	101.259	ug/l	98
69) o-Xylene	12.394	106	229613	50.311	ug/l	99
70) Styrene	12.406	104	402982	51.695	ug/l	98
71) Bromoform	12.576	173	105850	43.067	ug/l #	100
73) Isopropylbenzene	12.694	105	586778	46.460	ug/l	100
74) N-amyl acetate	12.488	43	190801	45.155	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	170969	40.014	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	178767m	43.175	ug/l	
77) Bromobenzene	12.976	156	154032	43.739	ug/l	96
78) n-propylbenzene	13.035	91	695368	48.623	ug/l	100
79) 2-Chlorotoluene	13.124	91	436787	45.982	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	507899	47.632	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	68819	43.942	ug/l	98
82) 4-Chlorotoluene	13.218	91	445686	45.625	ug/l	99
83) tert-Butylbenzene	13.435	119	414672	45.470	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	520161	48.365	ug/l	98
85) sec-Butylbenzene	13.612	105	583574	49.052	ug/l	100
86) p-Isopropyltoluene	13.729	119	504356	50.081	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	289670	45.633	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	287369	43.088	ug/l	99
89) n-Butylbenzene	14.053	91	410419	50.045	ug/l	99
90) Hexachloroethane	14.329	117	98406	42.347	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	270991	42.944	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	33180	38.902	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	136258	42.944	ug/l	99
94) Hexachlorobutadiene	15.494	225	74389	40.411	ug/l	99
95) Naphthalene	15.641	128	375199	40.837	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	132405	43.978	ug/l	99

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

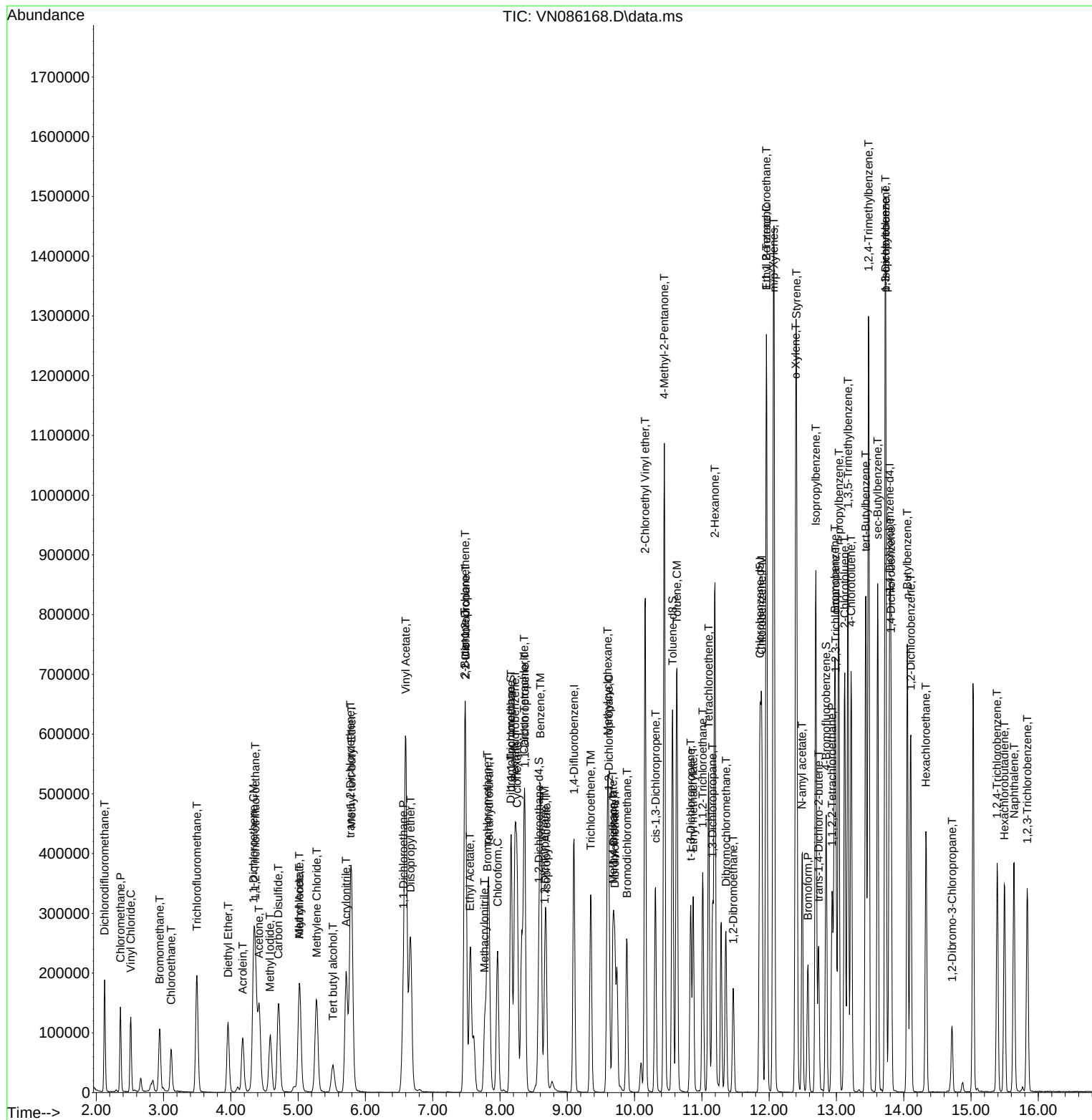
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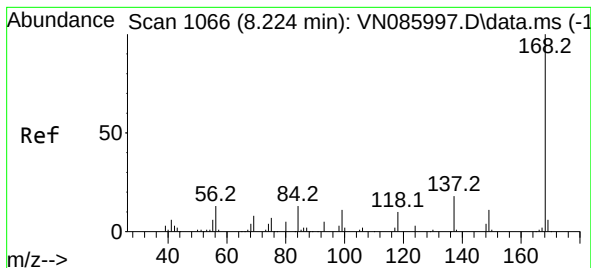
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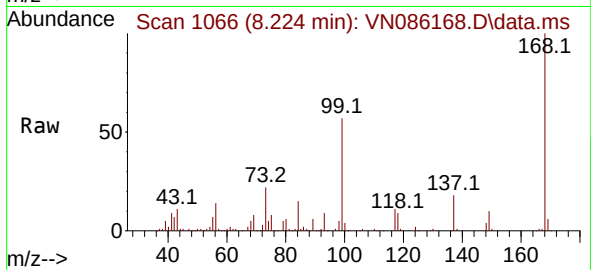
Quant Time: Apr 01 01:35:33 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086168.D
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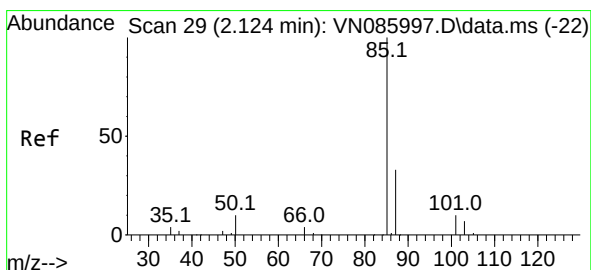
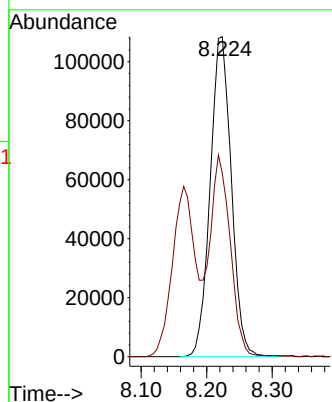
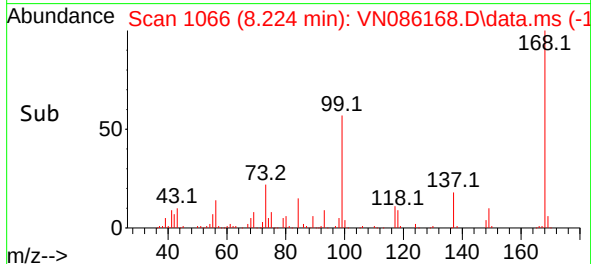
Instrument :
MSVOA_N
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VSTDCCC050



Tgt Ion:168 Resp: 243079
Ion Ratio Lower Upper
168 100
99 57.1 49.4 74.2

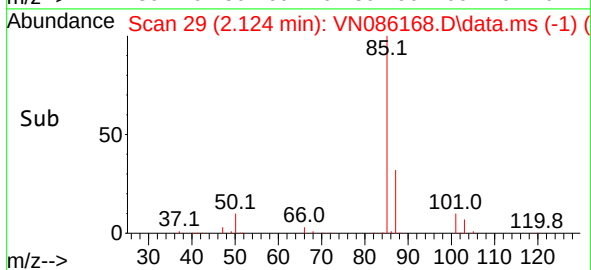
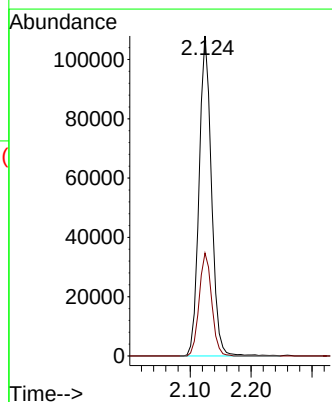
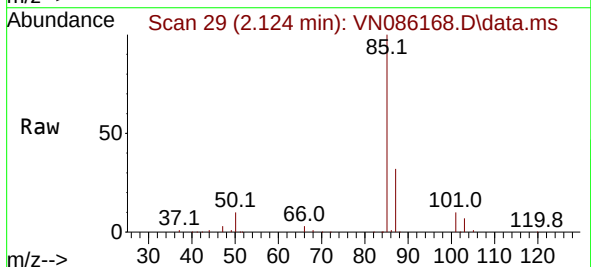
Manual Integrations
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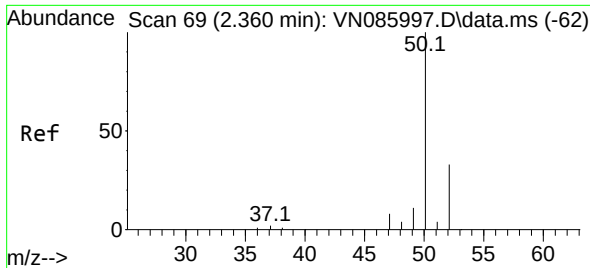
Reviewed By :John Carlone 04/01/2025
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#2
Dichlorodifluoromethane
Concen: 47.192 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

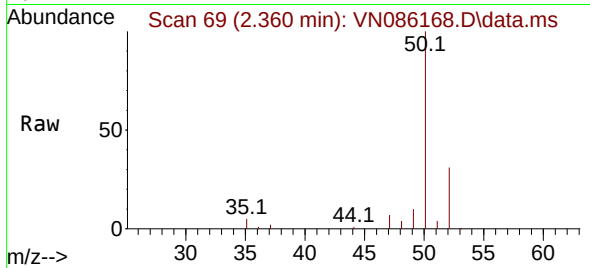
Tgt Ion: 85 Resp: 151976
Ion Ratio Lower Upper
85 100
87 32.2 16.5 49.5





#3
Chloromethane
Concen: 43.061 ug/l
RT: 2.360 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

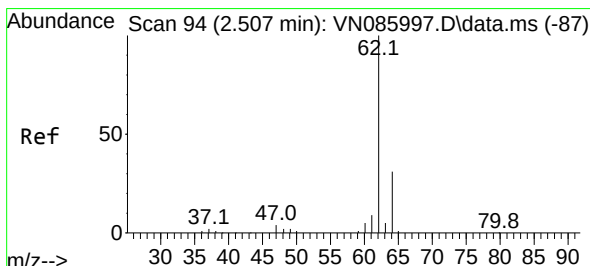
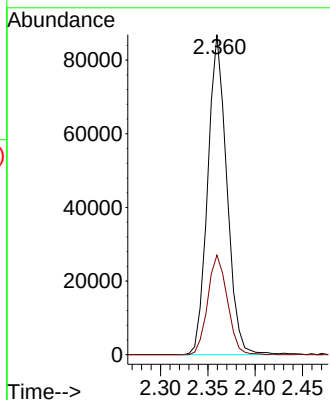
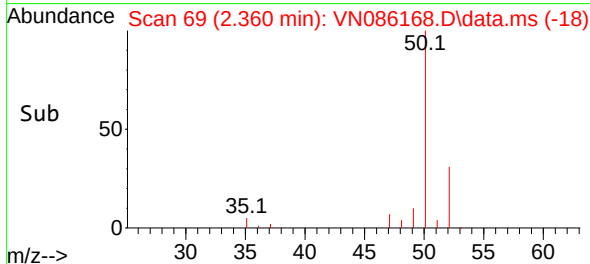
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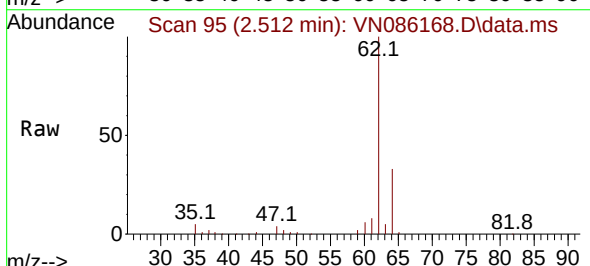
Tgt Ion: 50 Resp: 121570
Ion Ratio Lower Upper
50 100
52 31.1 26.0 39.0

Manual Integrations
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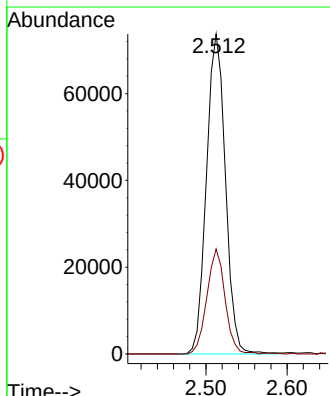
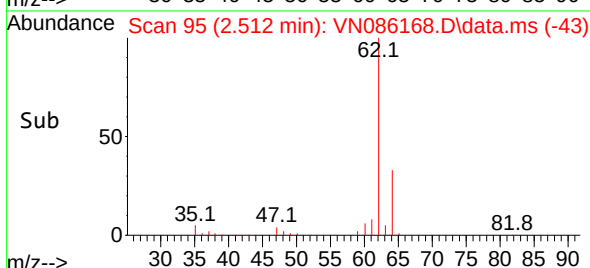
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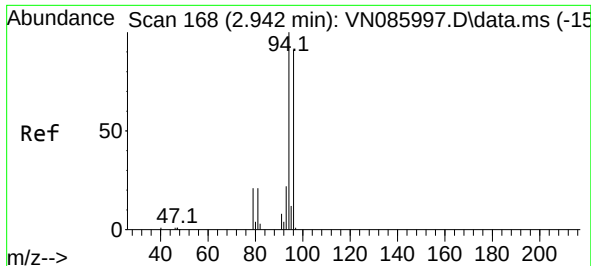


#4
Vinyl Chloride
Concen: 41.433 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17



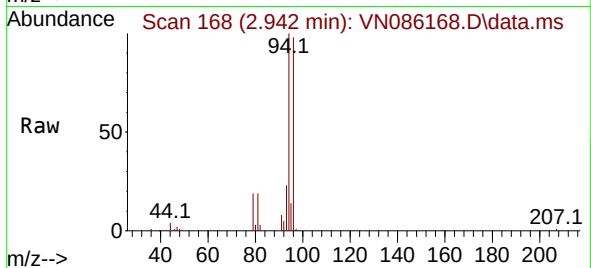
Tgt Ion: 62 Resp: 119603
Ion Ratio Lower Upper
62 100
64 32.8 25.2 37.8





#5
Bromomethane
Concen: 40.504 ug/l
RT: 2.942 min Scan# 168
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

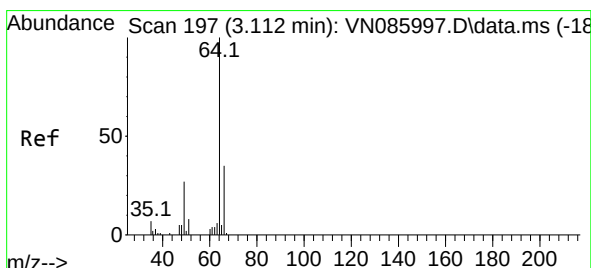
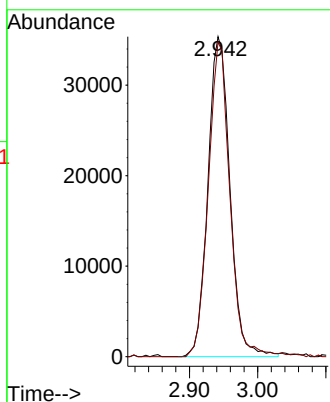
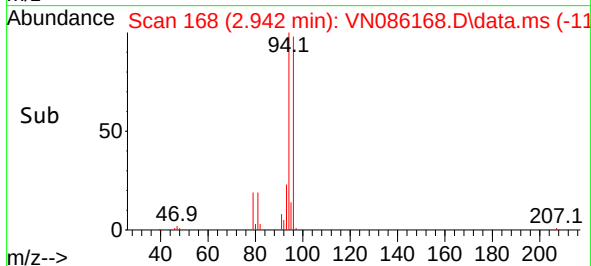
Instrument :
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Tgt Ion: 94 Resp: 7964
Ion Ratio Lower Upper
94 100
96 98.4 72.8 109.2

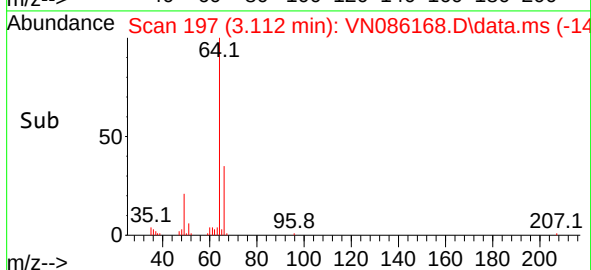
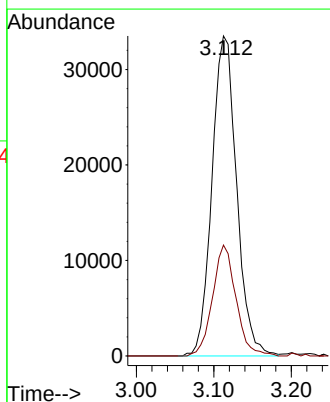
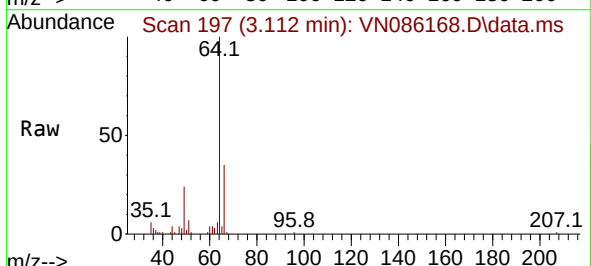
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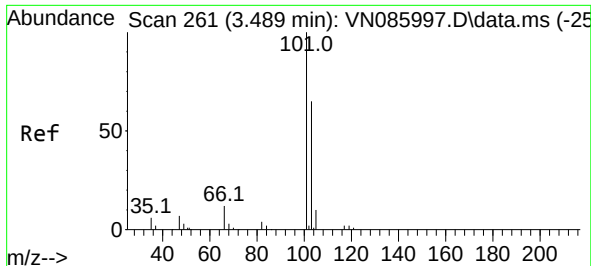
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#6
Chloroethane
Concen: 40.731 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Tgt Ion: 64 Resp: 74174
Ion Ratio Lower Upper
64 100
66 34.7 28.3 42.5





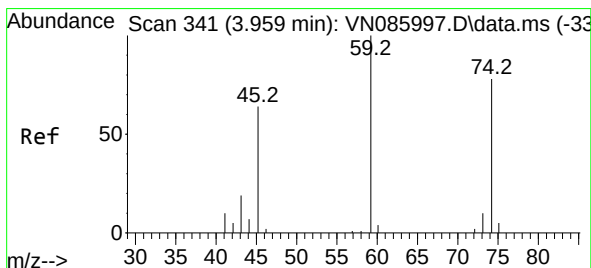
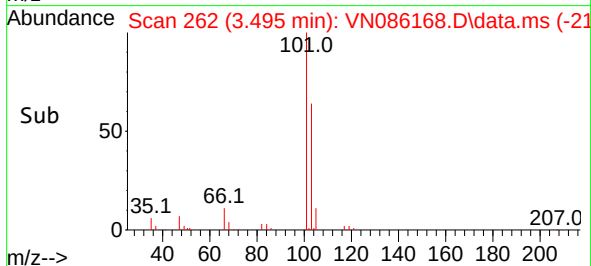
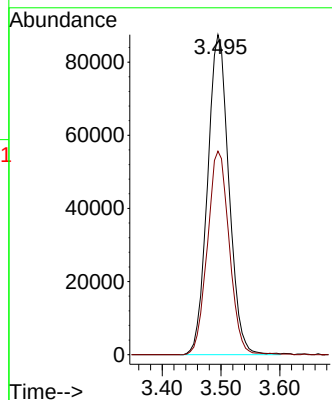
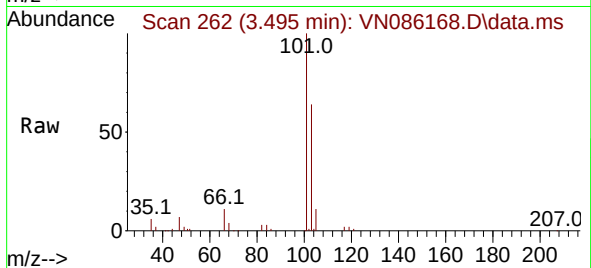
#7
Trichlorofluoromethane
Concen: 42.430 ug/l
RT: 3.495 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 220179
Ion Ratio Lower Upper
101 100
103 63.6 51.7 77.5

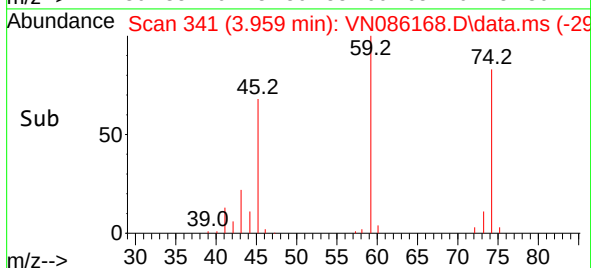
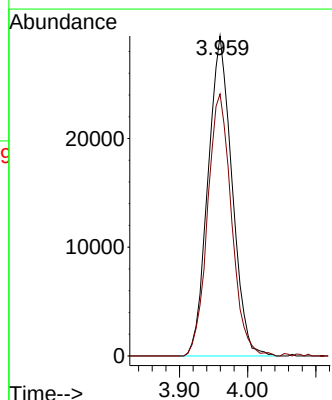
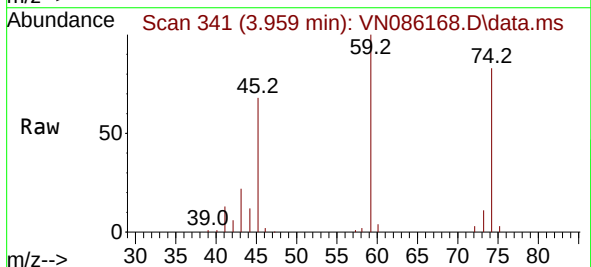
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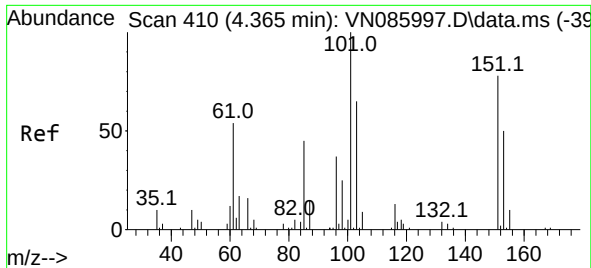
Reviewed By :John Carlone 04/01/2025
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#8
Diethyl Ether
Concen: 45.463 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Tgt Ion: 74 Resp: 72221
Ion Ratio Lower Upper
74 100
45 81.5 38.0 113.9





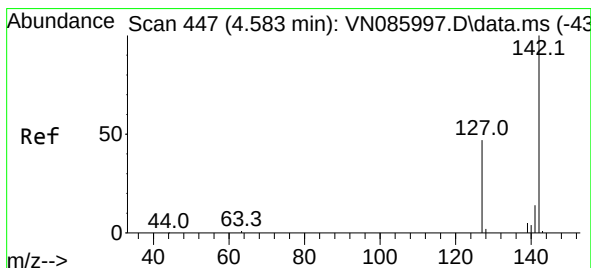
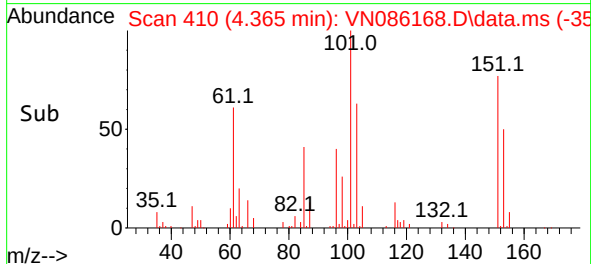
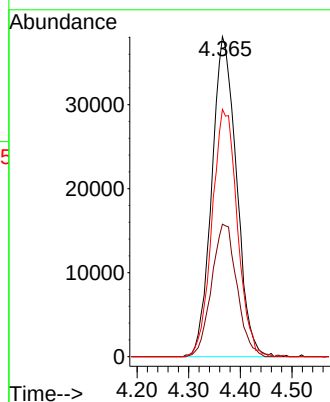
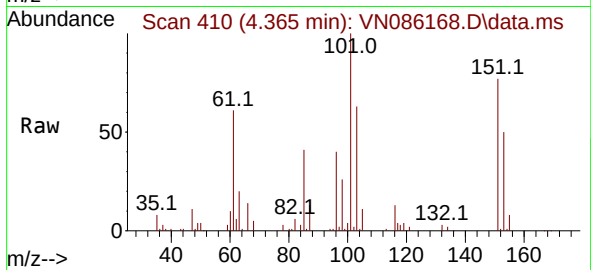
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.901 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 126592
Ion Ratio Lower Upper
101 100
85 42.3 36.5 54.7
151 78.9 63.4 95.0

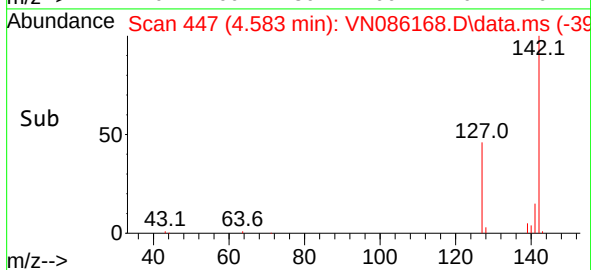
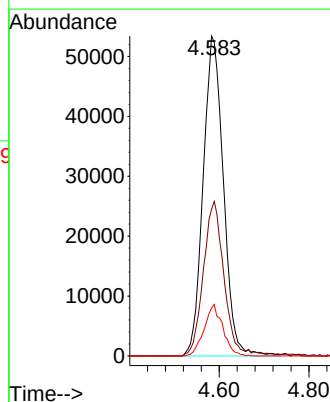
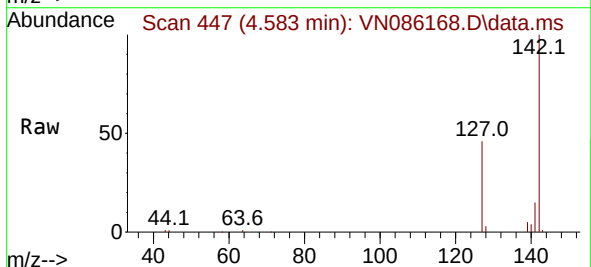
Manual Integrations
APPROVED

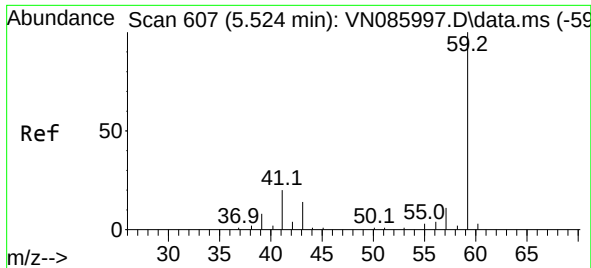
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#10
Methyl Iodide
Concen: 46.663 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

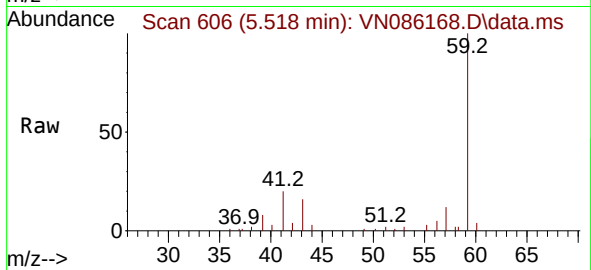
Tgt Ion:142 Resp: 167690
Ion Ratio Lower Upper
142 100
127 45.8 37.5 56.3
141 14.9 11.0 16.6





#11
Tert butyl alcohol
Concen: 175.128 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

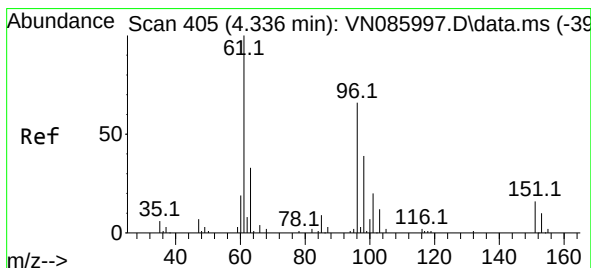
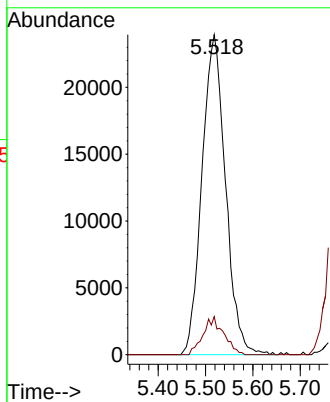
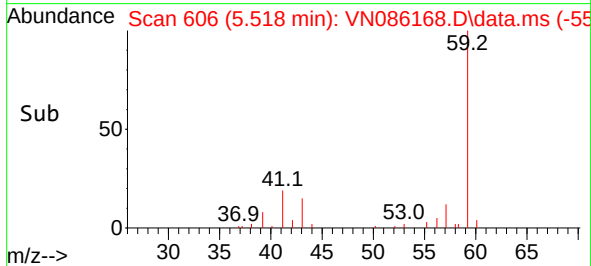
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



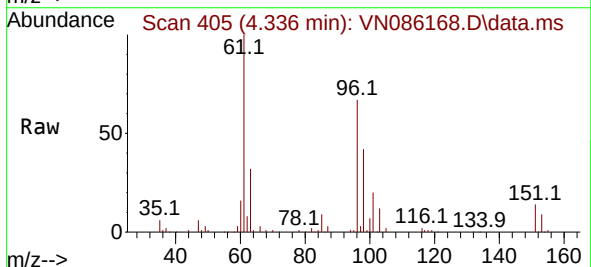
Tgt Ion: 59 Resp: 82532
Ion Ratio Lower Upper
59 100
57 10.3 7.9 11.9

Manual Integrations
APPROVED

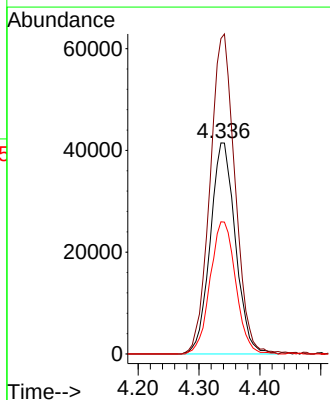
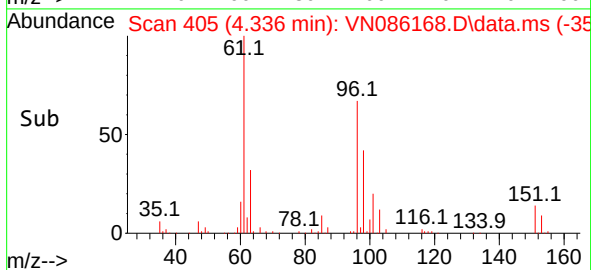
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

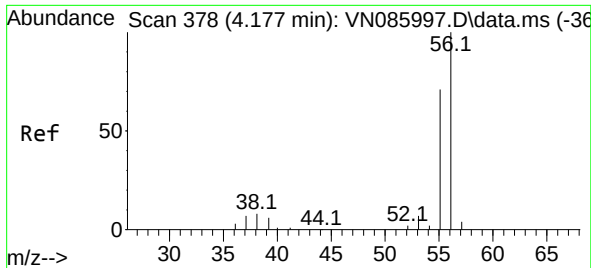


#12
1,1-Dichloroethene
Concen: 47.849 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17



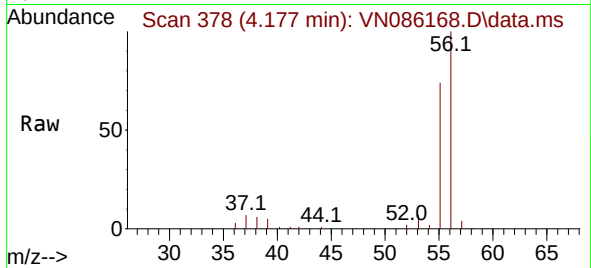
Tgt Ion: 96 Resp: 119160
Ion Ratio Lower Upper
96 100
61 149.5 120.5 180.7
98 62.7 47.4 71.0





#13
Acrolein
Concen: 235.791 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

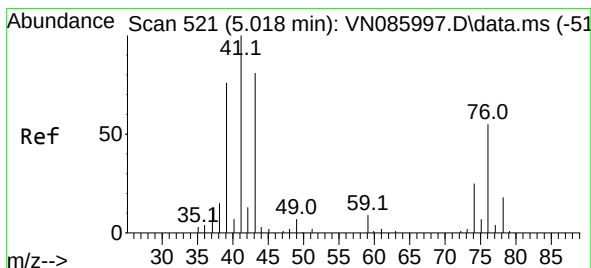
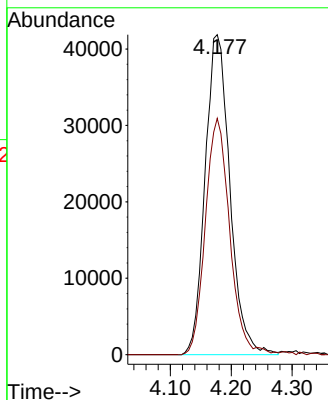
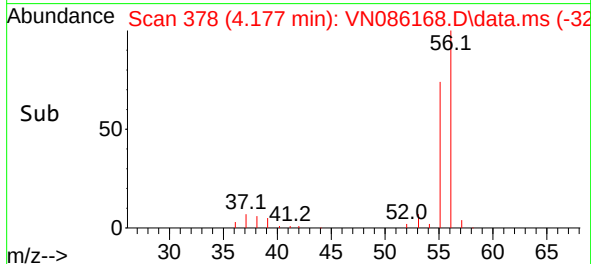
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



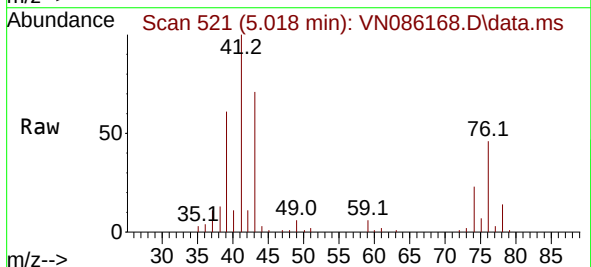
Tgt Ion: 56 Resp: 118519
Ion Ratio Lower Upper
56 100
55 72.6 55.1 82.7

Manual Integrations
APPROVED

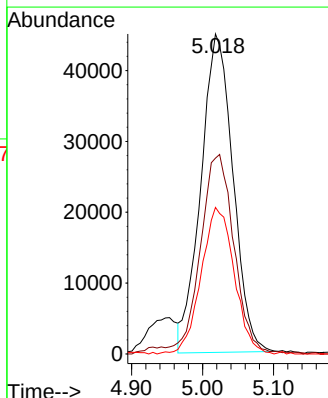
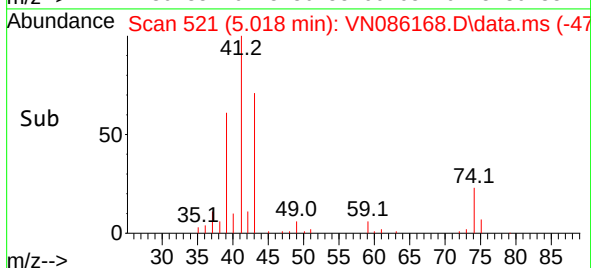
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

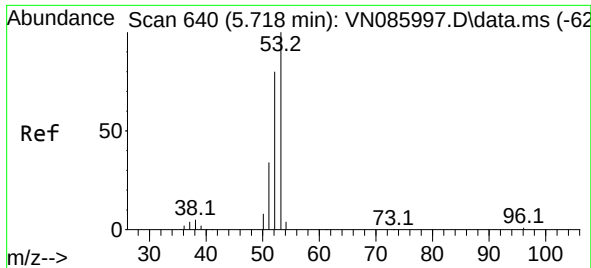


#14
Allyl chloride
Concen: 45.529 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17



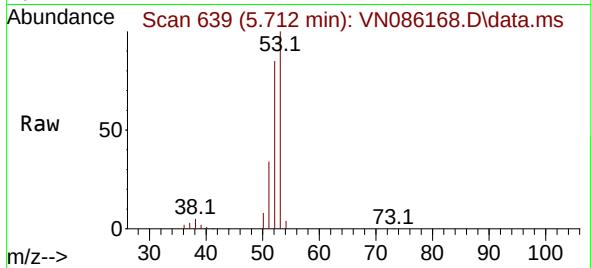
Tgt Ion: 41 Resp: 141450
Ion Ratio Lower Upper
41 100
39 65.8 55.5 83.3
76 47.4 39.1 58.7





#15
Acrylonitrile
Concen: 219.749 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

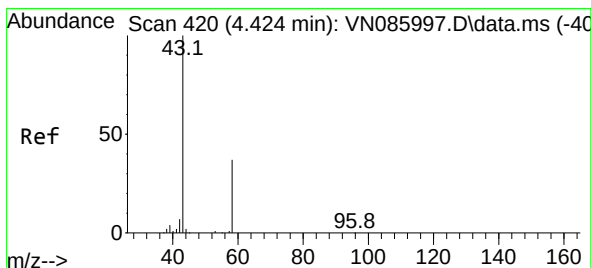
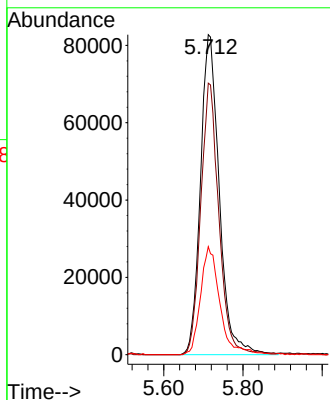
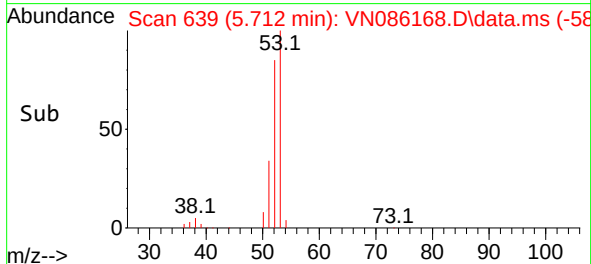
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 27350
Ion Ratio Lower Upper
53 100
52 80.9 63.9 95.9
51 34.6 27.1 40.7

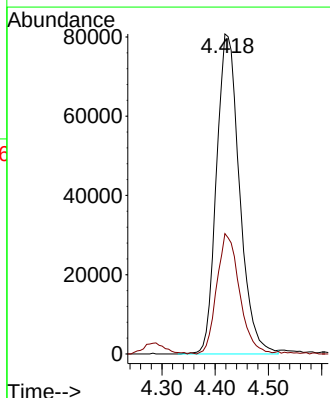
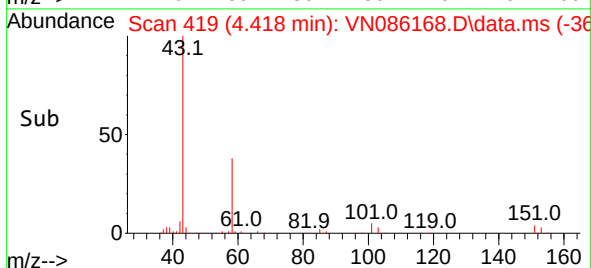
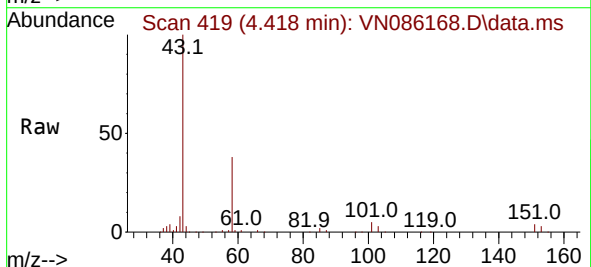
Manual Integrations
APPROVED

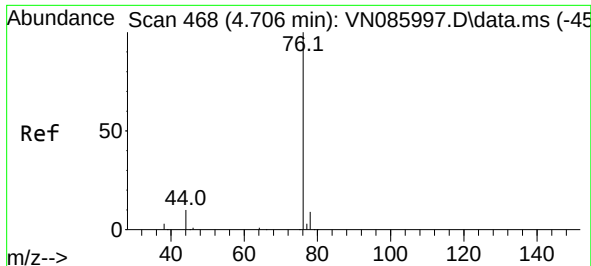
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#16
Acetone
Concen: 238.593 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Tgt Ion: 43 Resp: 242628
Ion Ratio Lower Upper
43 100
58 37.2 29.4 44.2





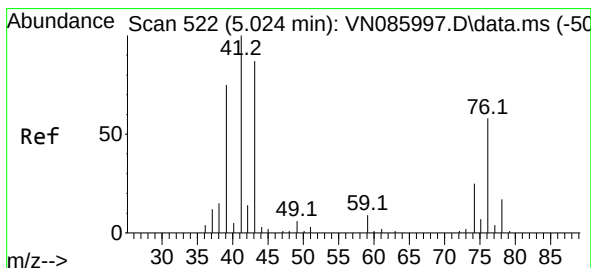
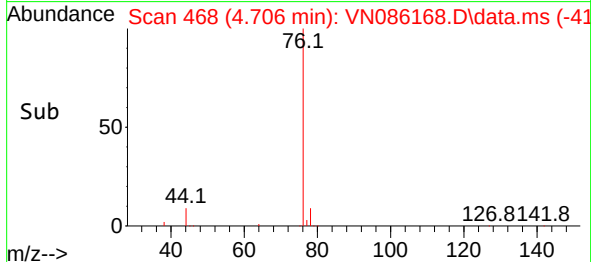
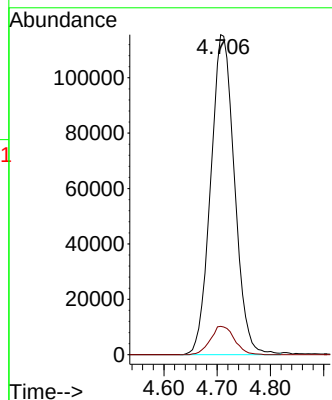
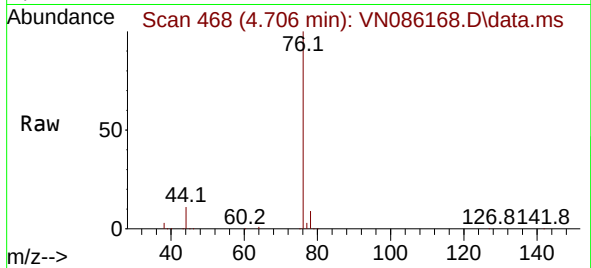
#17
Carbon Disulfide
Concen: 43.751 ug/l
RT: 4.706 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 358310
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

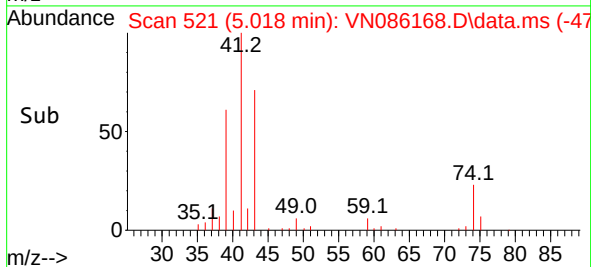
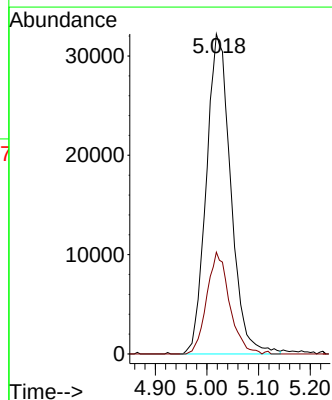
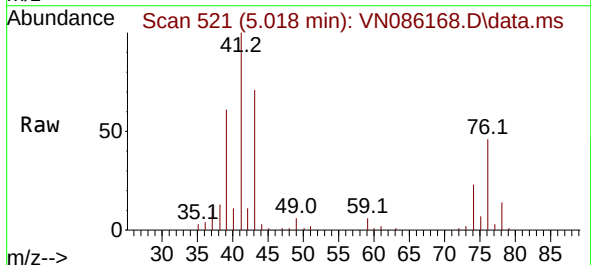
Manual Integrations
APPROVED

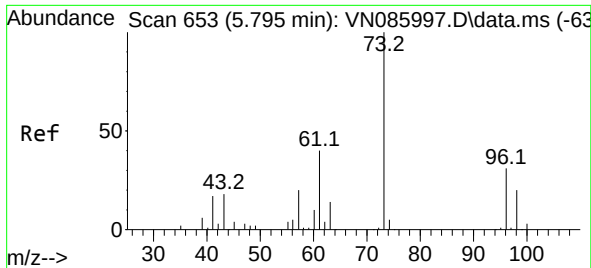
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#18
Methyl Acetate
Concen: 41.986 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Tgt Ion: 43 Resp: 105638
Ion Ratio Lower Upper
43 100
74 29.6 23.9 35.9





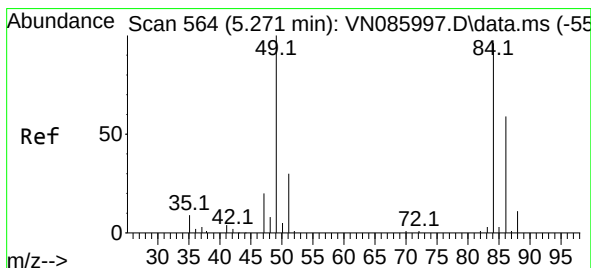
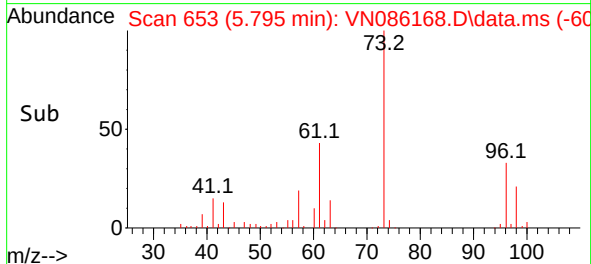
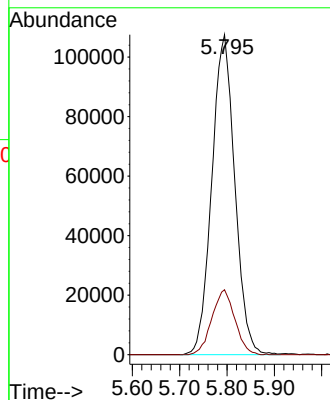
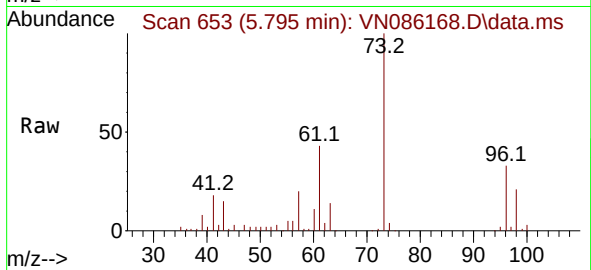
#19
Methyl tert-butyl Ether
Concen: 44.409 ug/l
RT: 5.795 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 362400
Ion Ratio Lower Upper
73 100
57 20.3 16.1 24.1

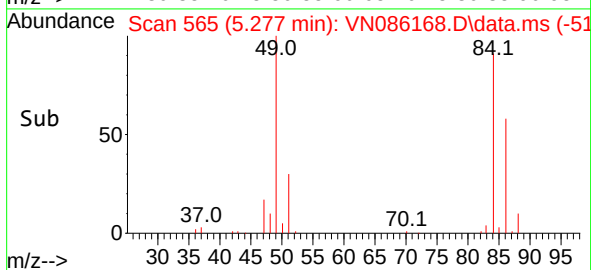
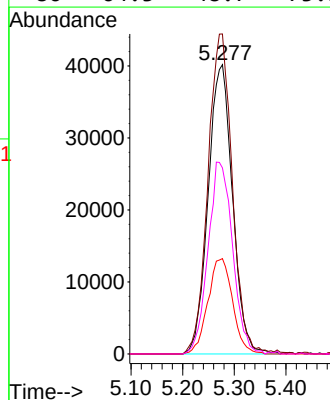
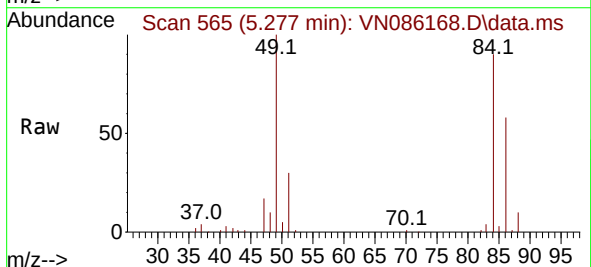
Manual Integrations
APPROVED

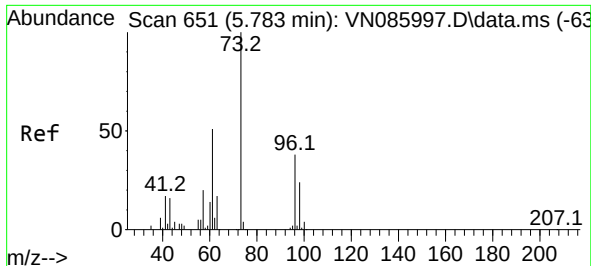
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#20
Methylene Chloride
Concen: 44.310 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

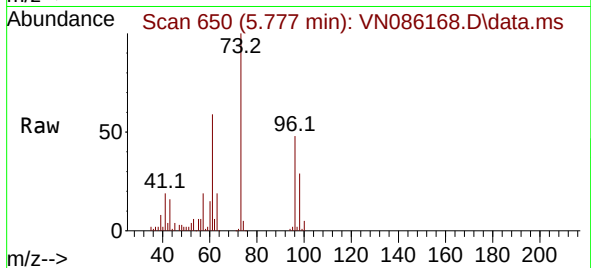
Tgt Ion: 84 Resp: 131818
Ion Ratio Lower Upper
84 100
49 110.6 83.3 124.9
51 33.0 24.8 37.2
86 64.3 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 46.100 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

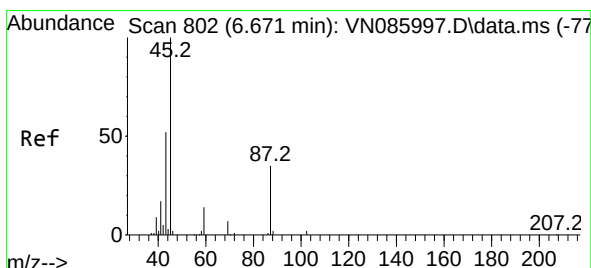
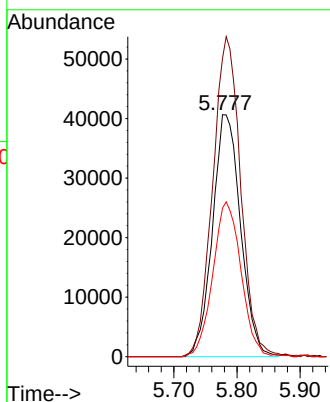
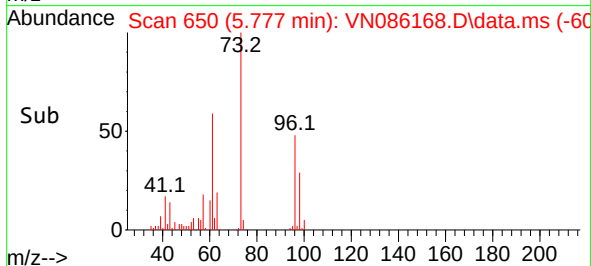
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 125464
Ion Ratio Lower Upper
96 100
61 123.4 106.6 160.0
98 61.4 50.0 75.0

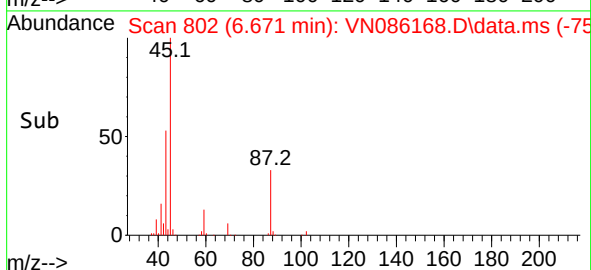
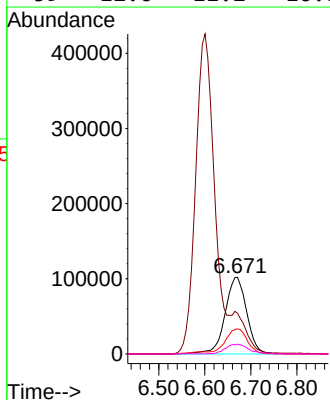
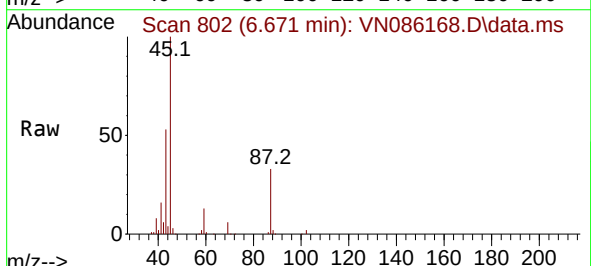
Manual Integrations
APPROVED

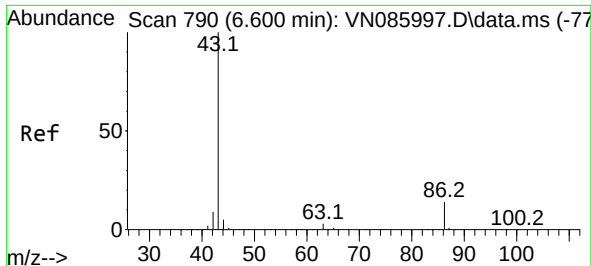
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#22
Diisopropyl ether
Concen: 50.069 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Tgt Ion: 45 Resp: 331491
Ion Ratio Lower Upper
45 100
43 51.8 41.2 61.8
87 32.6 28.5 42.7
59 12.6 11.2 16.8





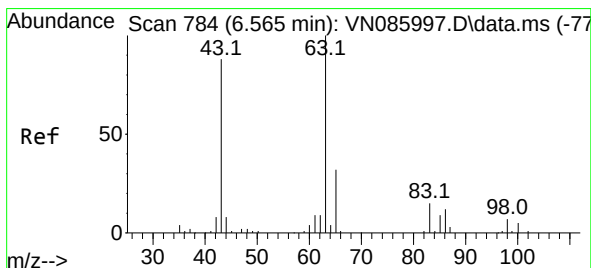
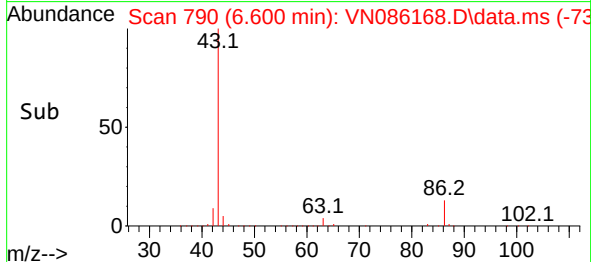
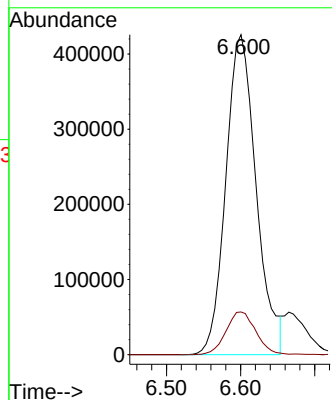
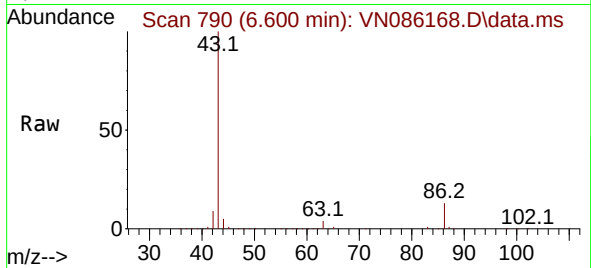
#23
 Vinyl Acetate
 Concen: 241.619 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086168.D
 Acq: 31 Mar 2025 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1212650
 Ion Ratio Lower Upper
 43 100
 86 13.3 11.2 16.8

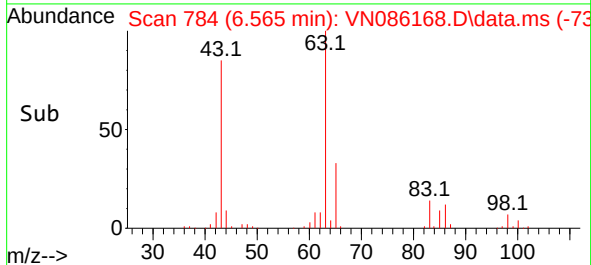
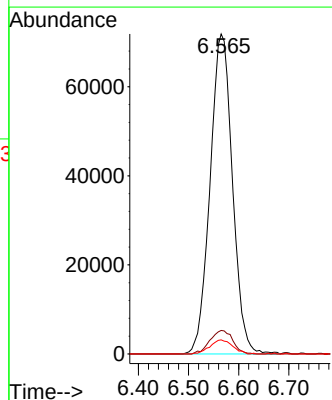
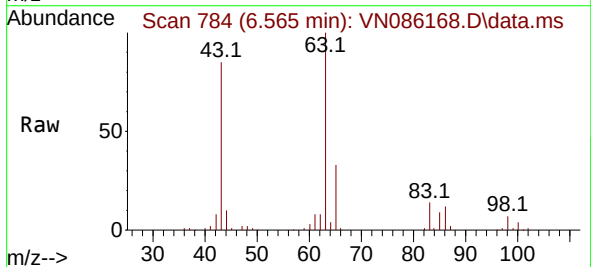
Manual Integrations
 APPROVED

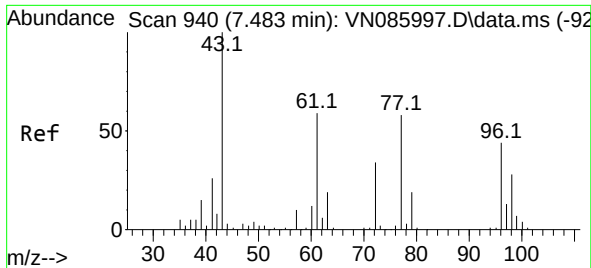
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025



#24
 1,1-Dichloroethane
 Concen: 45.766 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086168.D
 Acq: 31 Mar 2025 14:17

Tgt Ion: 63 Resp: 222809
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.4 2.5 7.5





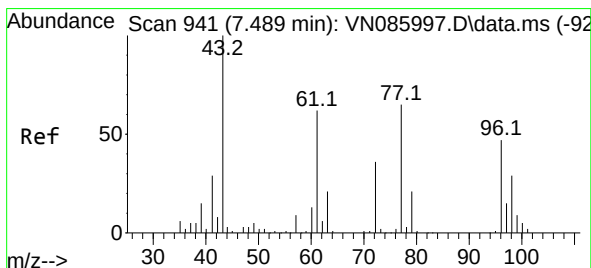
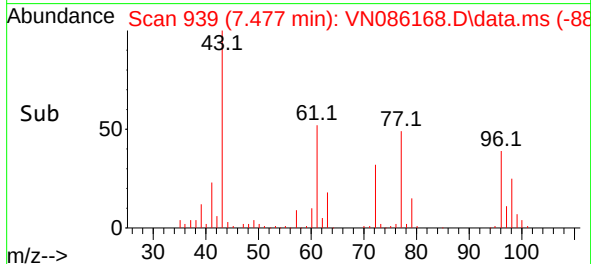
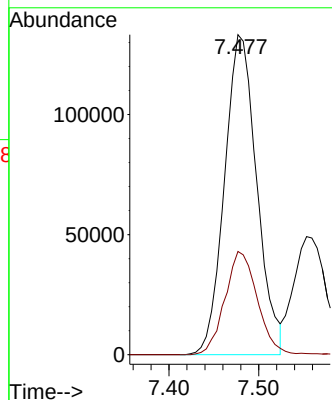
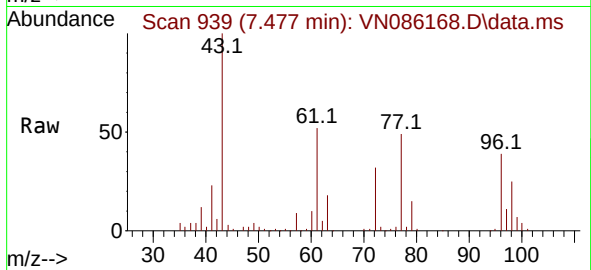
#25
2-Butanone
Concen: 227.008 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 333099
Ion Ratio Lower Upper
43 100
72 32.3 27.4 41.0

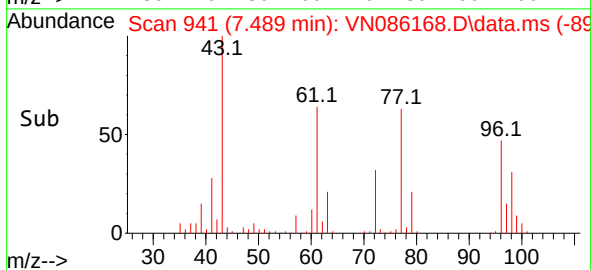
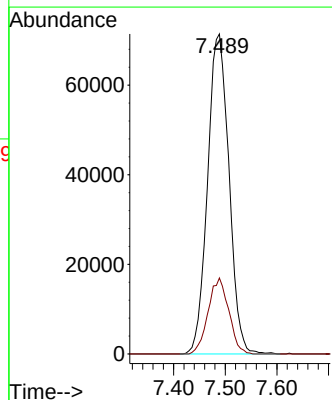
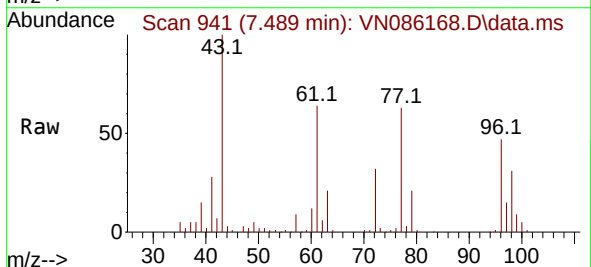
Manual Integrations
APPROVED

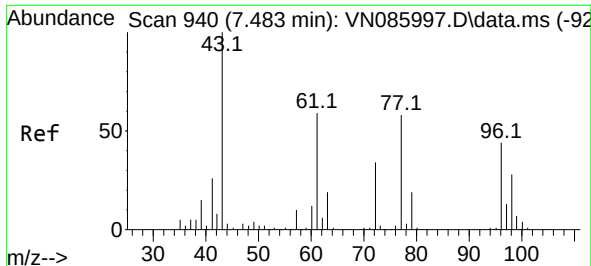
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#26
2,2-Dichloropropane
Concen: 43.818 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Tgt Ion: 77 Resp: 205381
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 47.295 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 146269

Ion Ratio Lower Upper

96 100

61 136.6 0.0 272.8

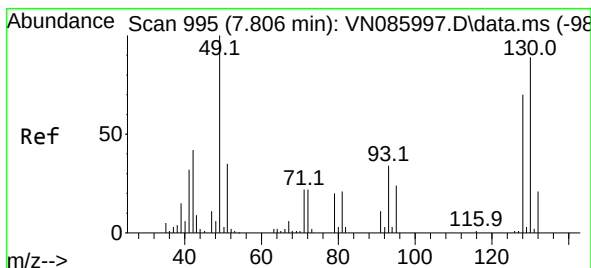
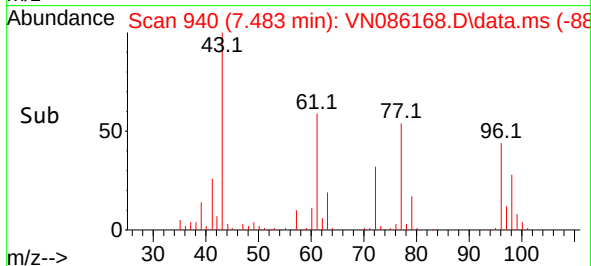
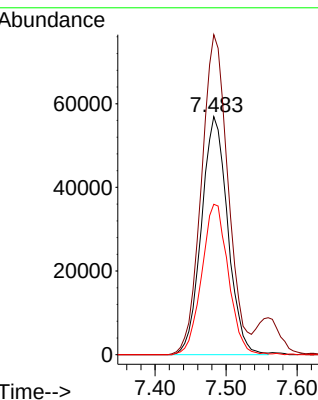
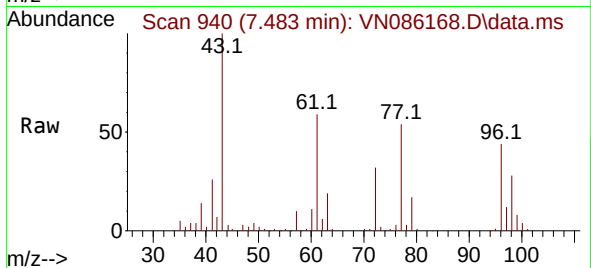
98 63.9 0.0 124.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#28

Bromochloromethane

Concen: 50.118 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.006 min

Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

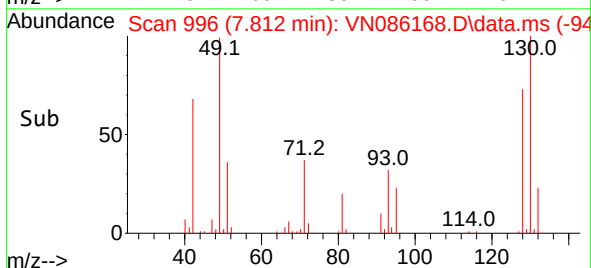
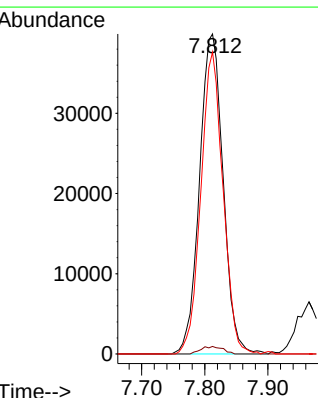
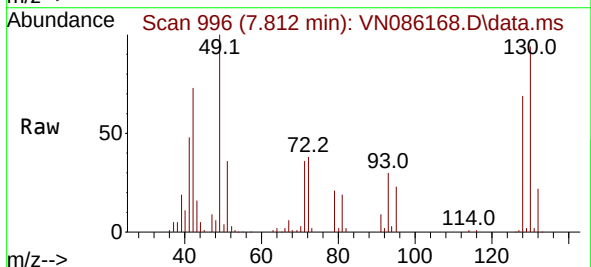
Tgt Ion: 49 Resp: 103377

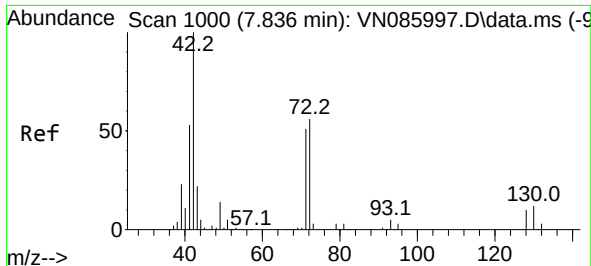
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 88.6 74.2 111.4





#29

Tetrahydrofuran

Concen: 228.386 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 206892

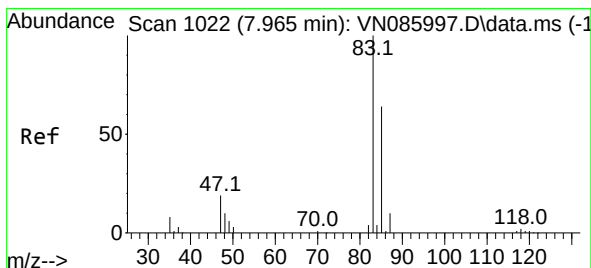
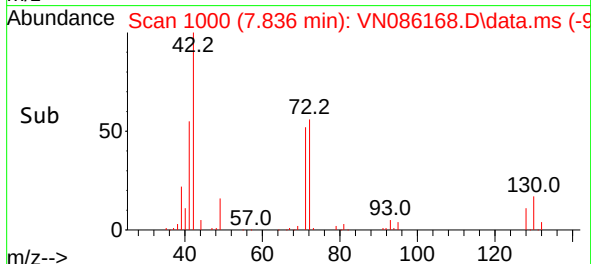
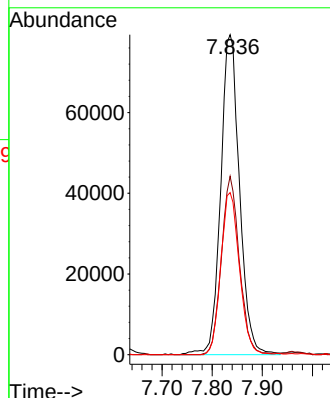
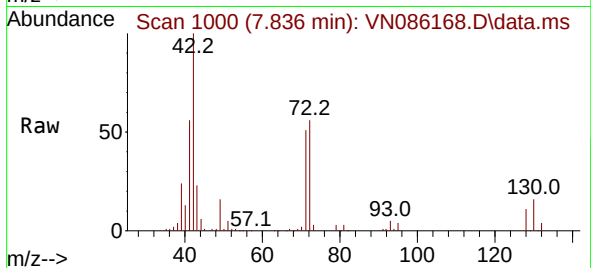
Ion	Ratio	Lower	Upper
42	100		
72	53.4	45.0	67.4
71	50.1	41.9	62.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#30

Chloroform

Concen: 43.550 ug/l

RT: 7.965 min Scan# 1022

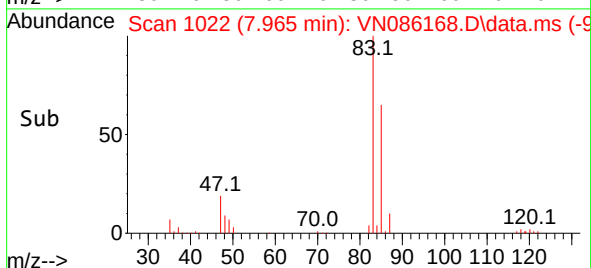
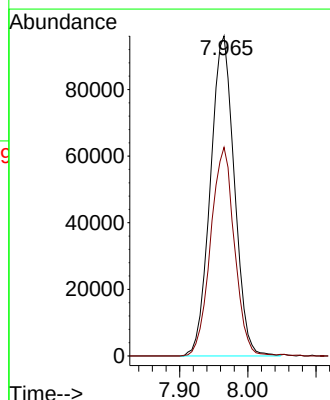
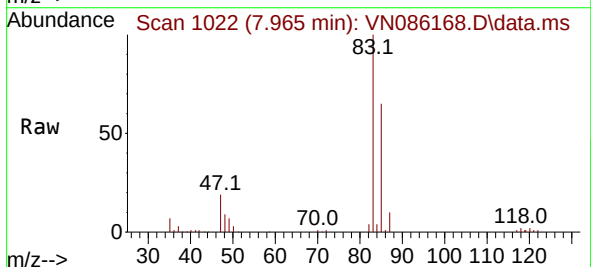
Delta R.T. -0.000 min

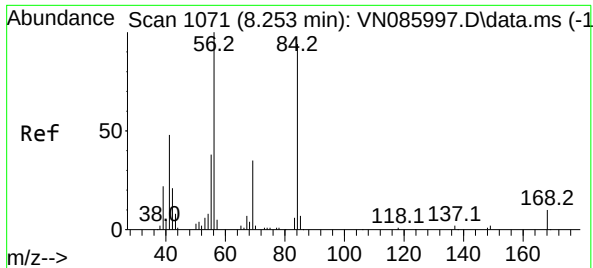
Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

Tgt Ion: 83 Resp: 234353

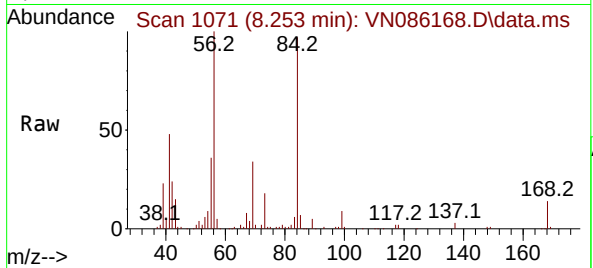
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.5	77.3





#31
Cyclohexane
Concen: 46.815 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

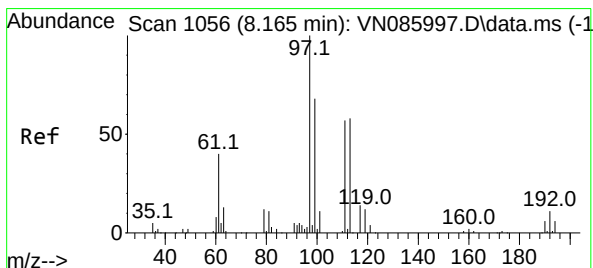
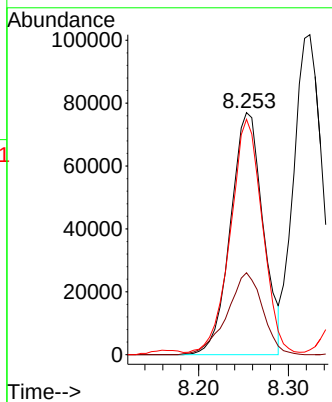
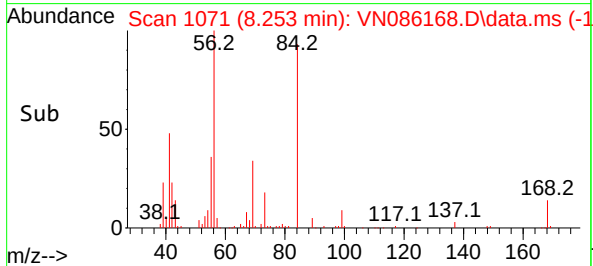
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



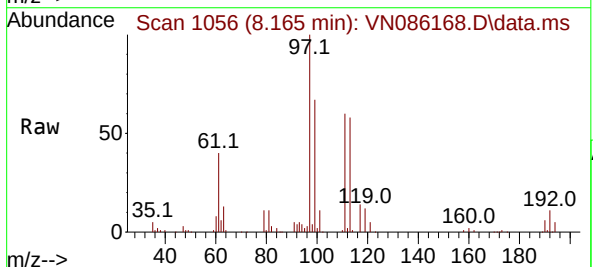
Tgt Ion: 56 Resp: 19416
Ion Ratio Lower Upper
56 100
69 33.9 28.0 42.0
84 95.7 75.0 112.6

Manual Integrations
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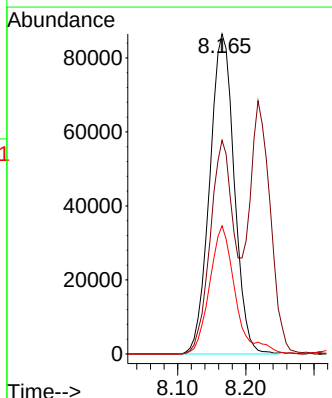
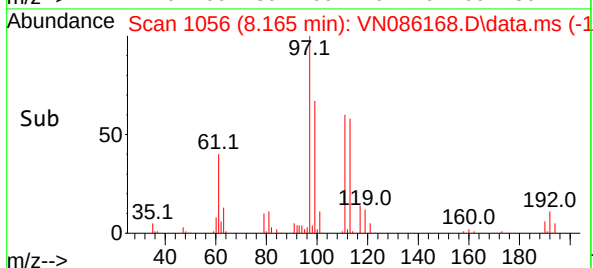
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

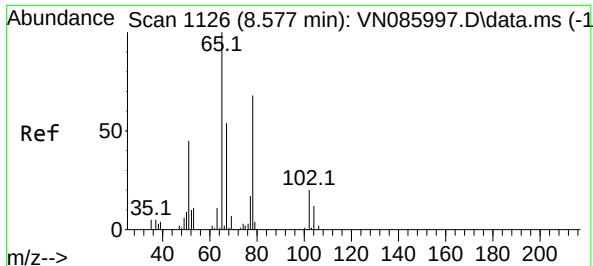


#32
1,1,1-Trichloroethane
Concen: 42.584 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17



Tgt Ion: 97 Resp: 216920
Ion Ratio Lower Upper
97 100
99 62.1 52.8 79.2
61 41.9 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 43.314 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 14417

Ion Ratio Lower Upper

65 100

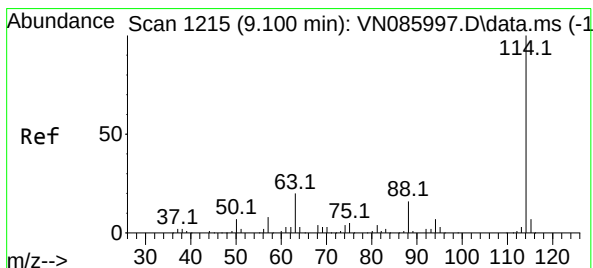
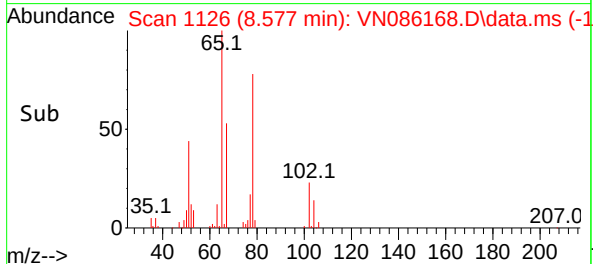
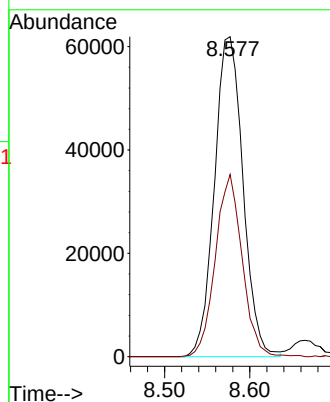
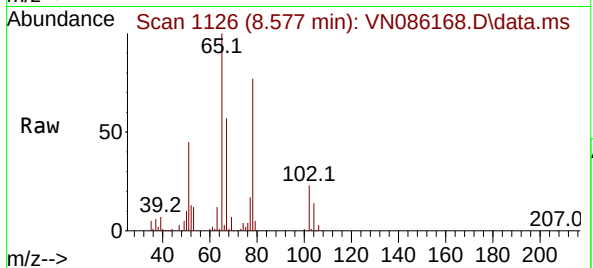
67 53.5 0.0 102.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

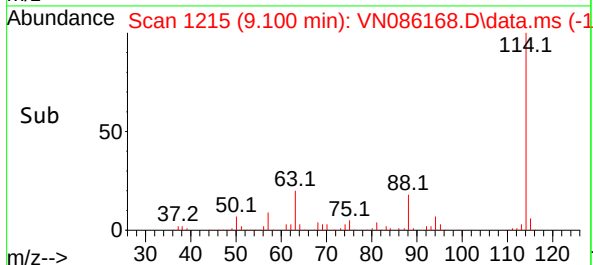
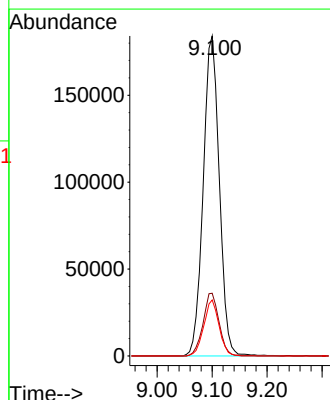
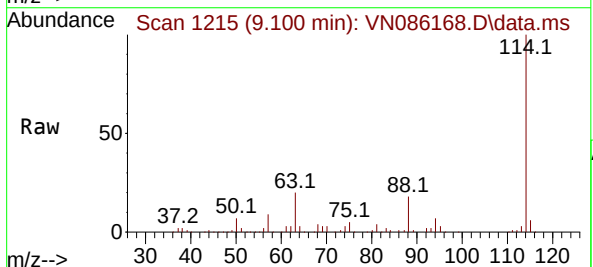
Tgt Ion:114 Resp: 374640

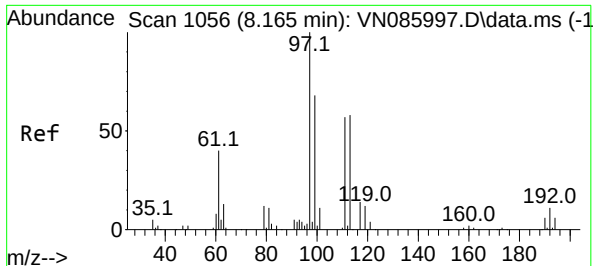
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 17.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.038 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

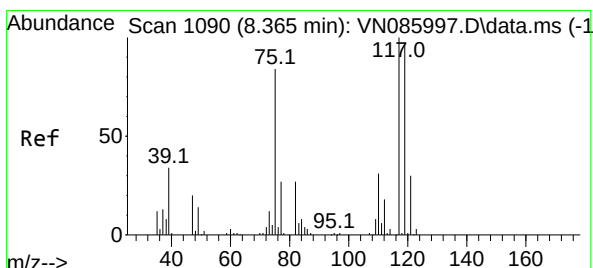
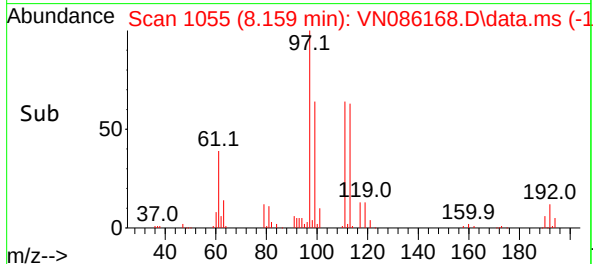
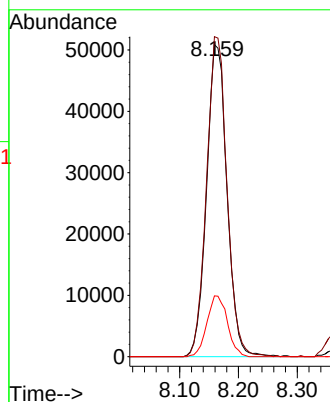
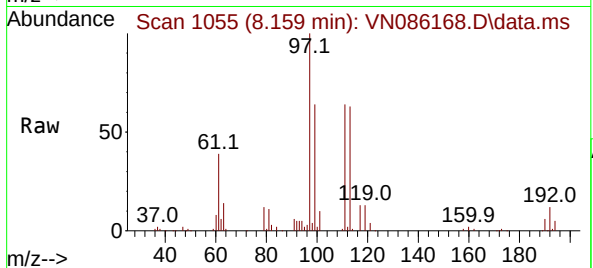
Tgt Ion:	113	Resp:	123000
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.8	122.8
192	19.5	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#36

1,1-Dichloropropene

Concen: 48.688 ug/l

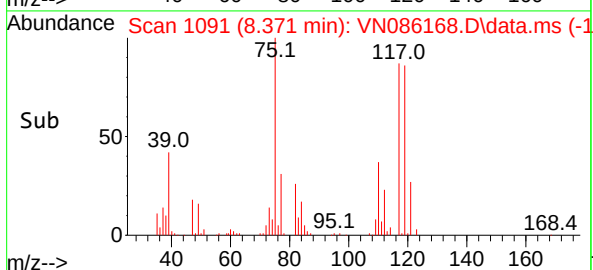
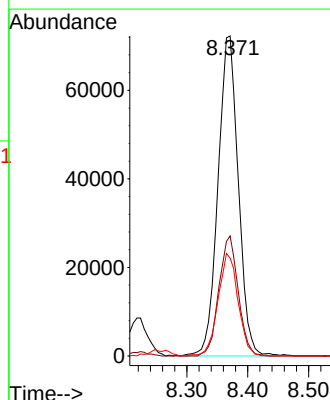
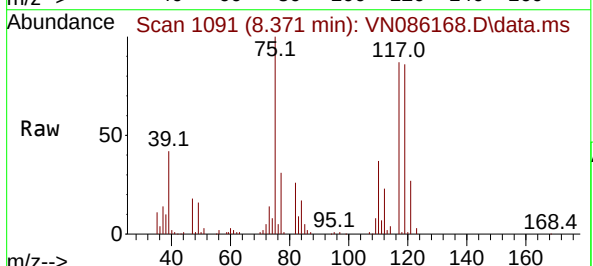
RT: 8.371 min Scan# 1091

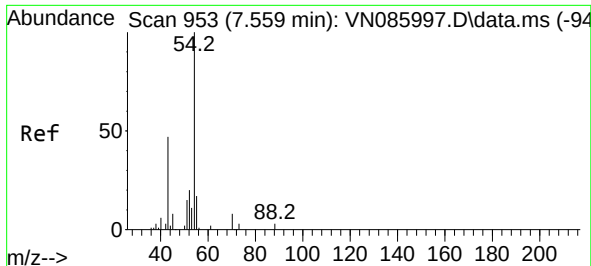
Delta R.T. 0.006 min

Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

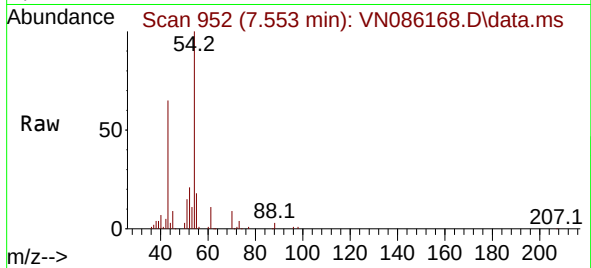
Tgt Ion:	75	Resp:	167645
Ion Ratio	Lower	Upper	
75	100		
110	35.5	17.8	53.3
77	31.6	25.0	37.4





#37
Ethyl Acetate
Concen: 44.146 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

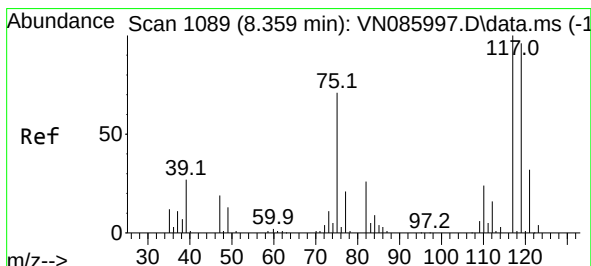
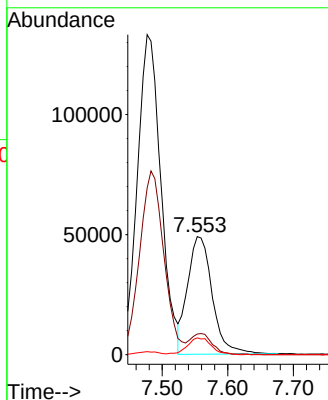
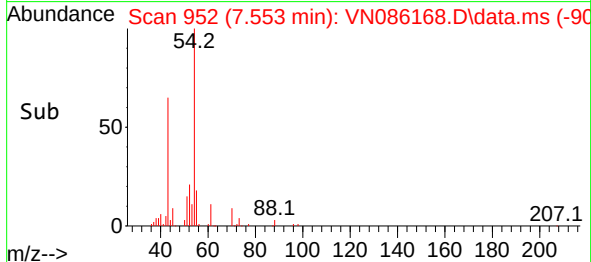
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 12823
Ion Ratio Lower Upper
43 100
61 15.9 13.0 19.4
70 13.9 11.0 16.6

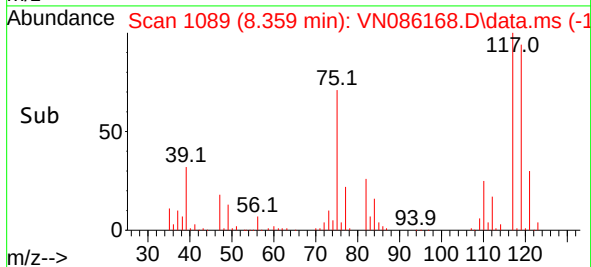
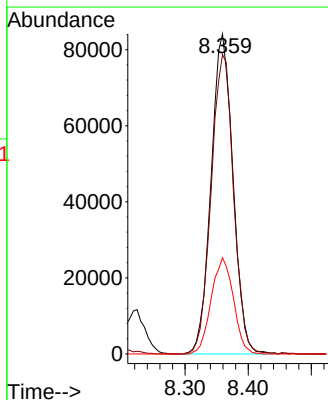
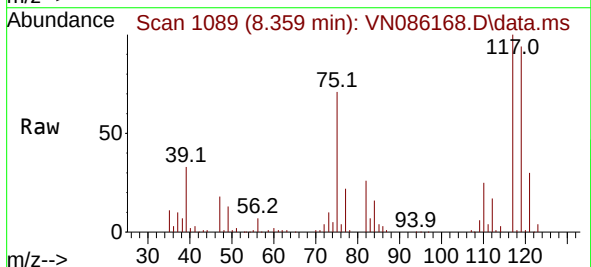
Manual Integrations
APPROVED

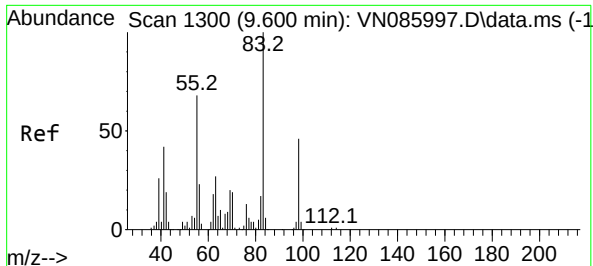
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#38
Carbon Tetrachloride
Concen: 44.741 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

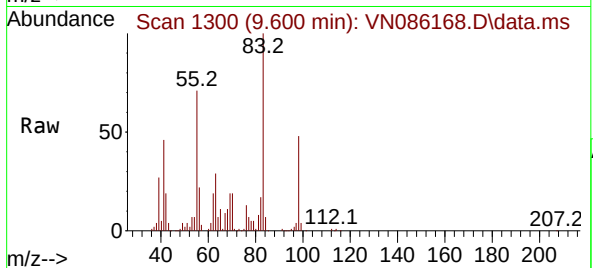
Tgt Ion:117 Resp: 202557
Ion Ratio Lower Upper
117 100
119 93.6 77.0 115.4
121 30.0 25.6 38.4





#39
Methylcyclohexane
Concen: 52.061 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

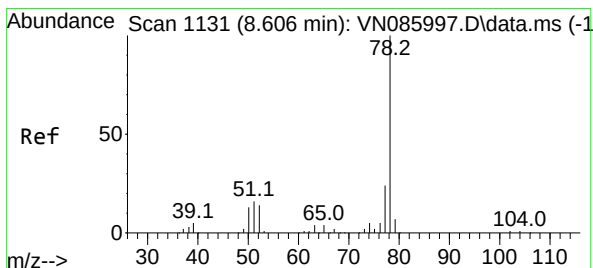
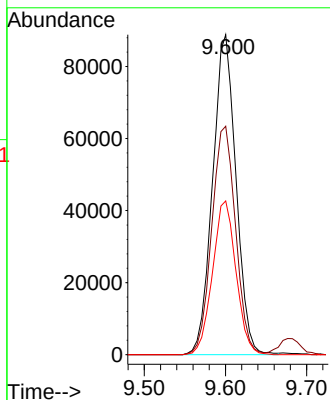
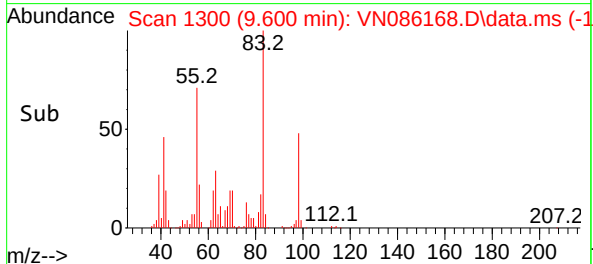
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 177850
Ion Ratio Lower Upper
83 100
55 71.4 54.2 81.2
98 48.0 37.1 55.7

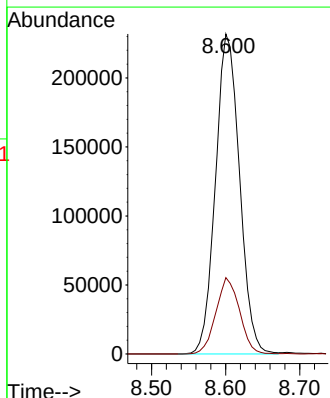
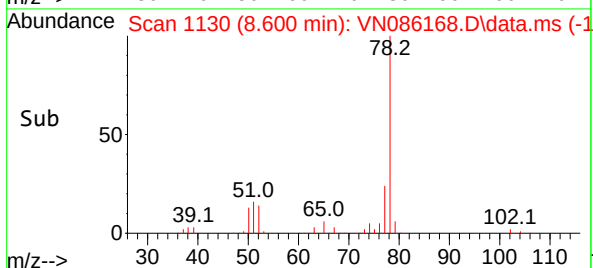
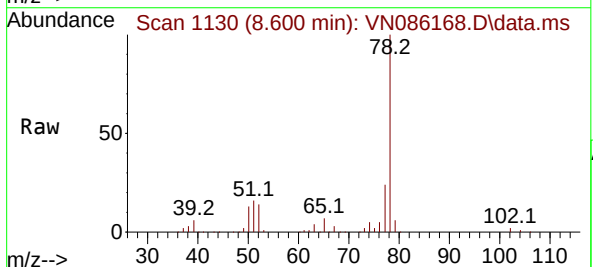
Manual Integrations
APPROVED

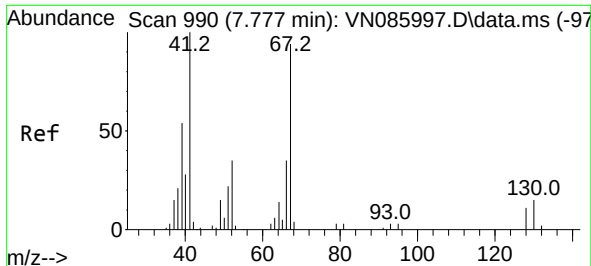
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#40
Benzene
Concen: 48.395 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

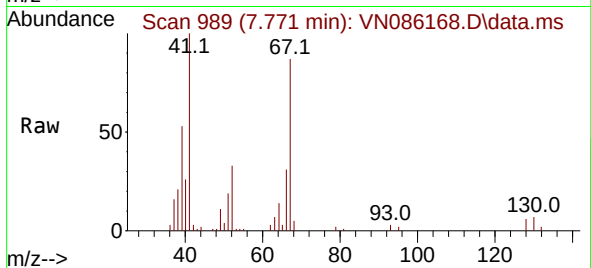
Tgt Ion: 78 Resp: 523107
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3





#41
Methacrylonitrile
Concen: 52.237 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

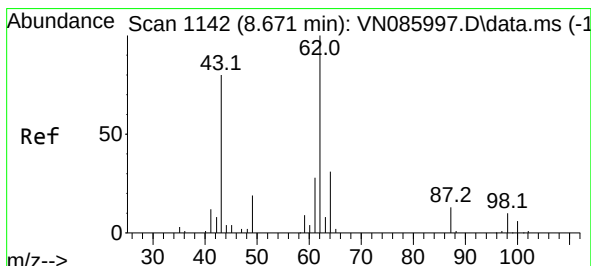
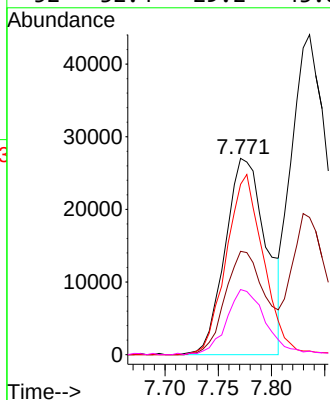
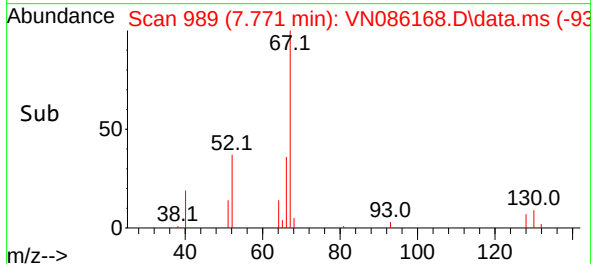
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 7245
Ion Ratio Lower Upper
41 100
39 51.7 46.2 69.2
67 83.7 75.9 113.9
52 32.4 29.2 43.8

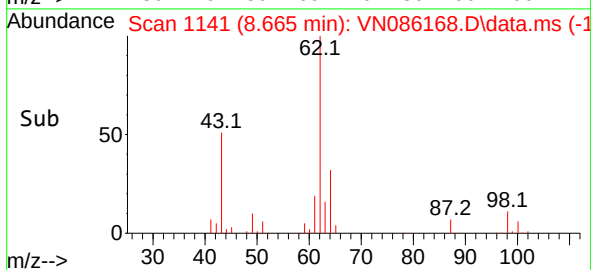
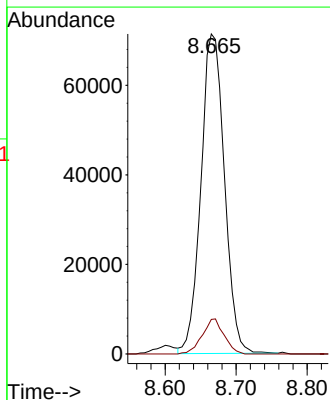
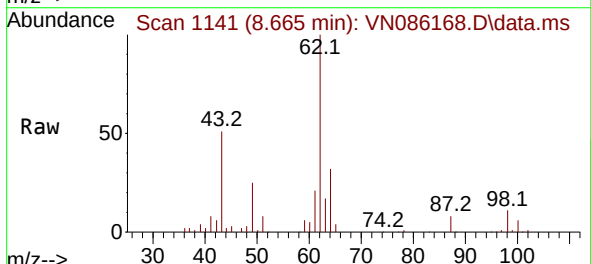
Manual Integrations
APPROVED

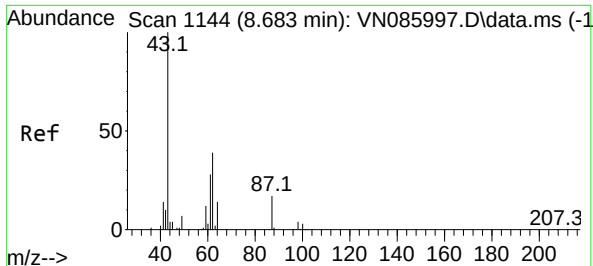
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#42
1,2-Dichloroethane
Concen: 43.638 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

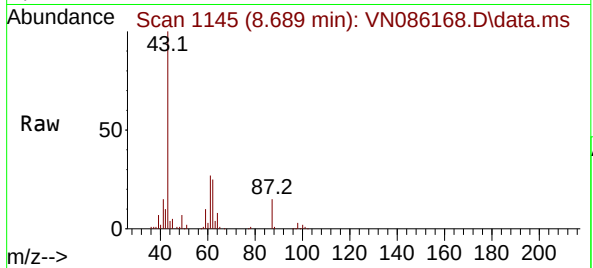
Tgt Ion: 62 Resp: 164356
Ion Ratio Lower Upper
62 100
98 10.2 0.0 18.6





#43
Isopropyl Acetate
Concen: 34.368 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

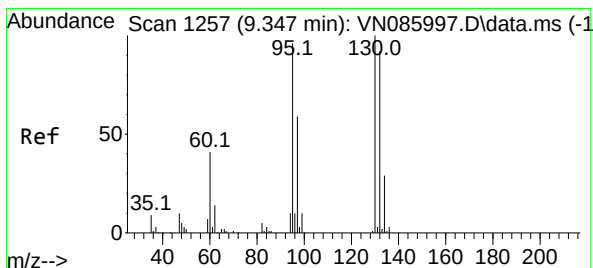
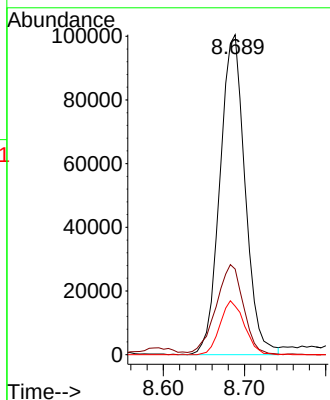
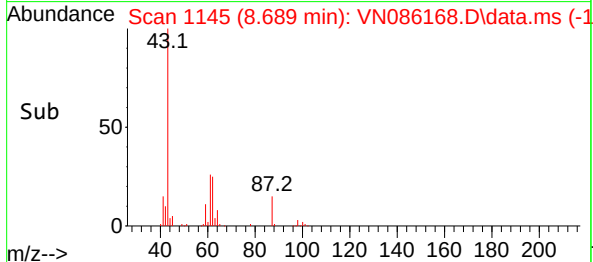
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 216330
Ion Ratio Lower Upper
43 100
61 30.8 25.0 37.6
87 16.2 13.0 19.4

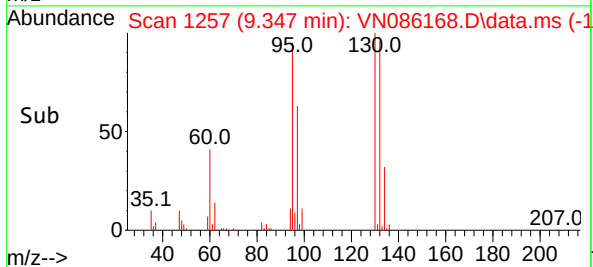
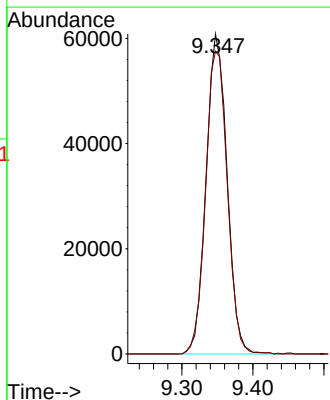
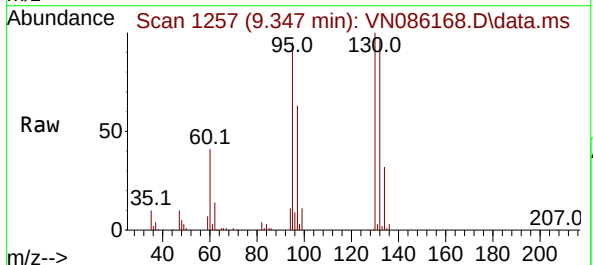
Manual Integrations
APPROVED

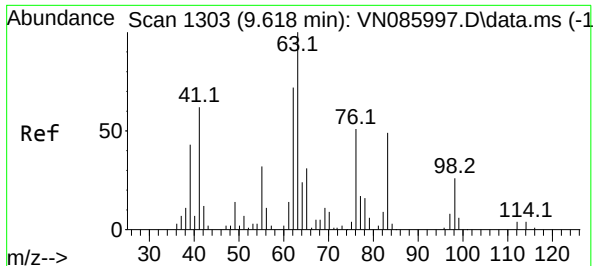
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#44
Trichloroethene
Concen: 44.657 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Tgt Ion:130 Resp: 125106
Ion Ratio Lower Upper
130 100
95 94.7 0.0 191.6





#45

1,2-Dichloropropane

Concen: 50.632 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 124478

Ion Ratio Lower Upper

63 100

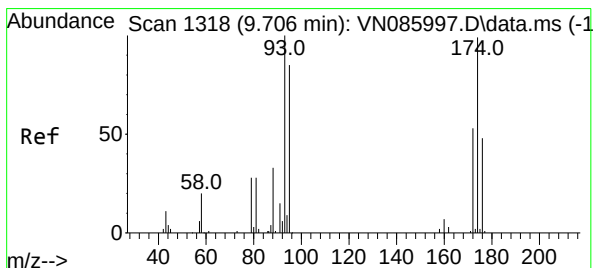
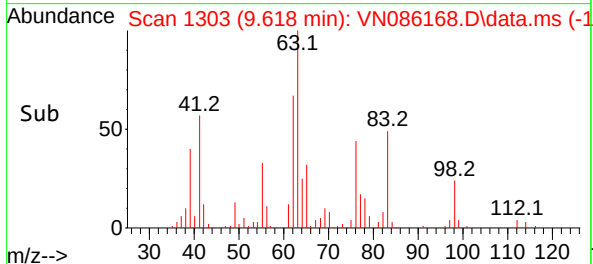
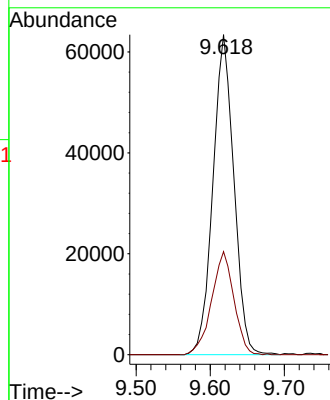
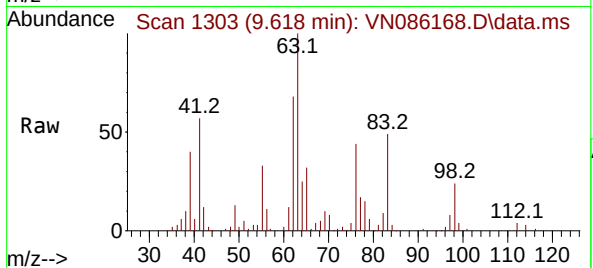
65 32.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#46

Dibromomethane

Concen: 45.876 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

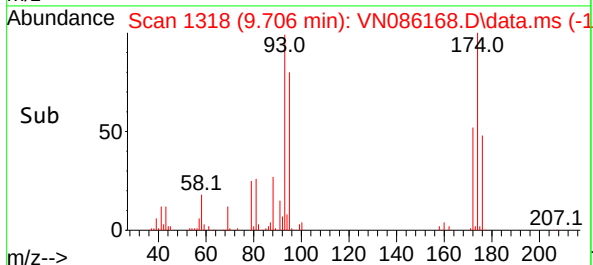
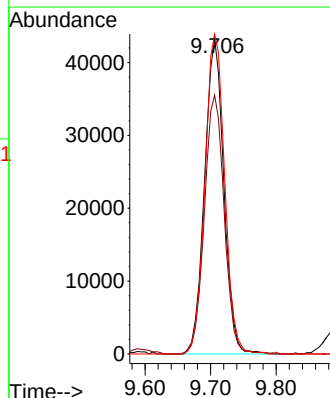
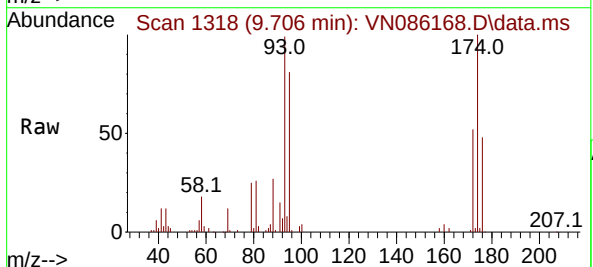
Tgt Ion: 93 Resp: 88698

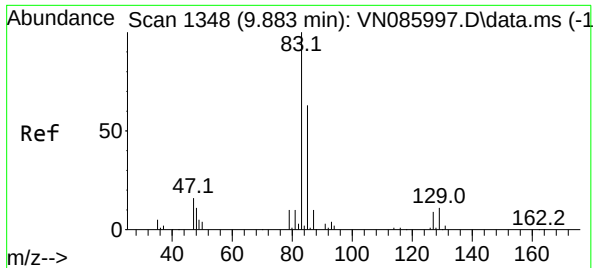
Ion Ratio Lower Upper

93 100

95 84.1 66.2 99.2

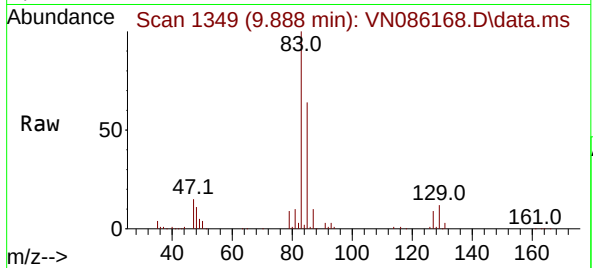
174 103.1 80.1 120.1





#47
Bromodichloromethane
Concen: 45.824 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

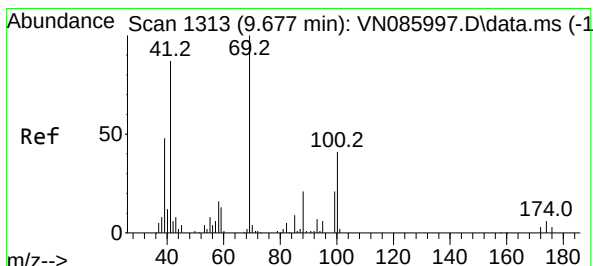
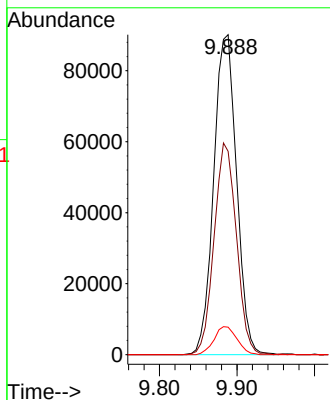
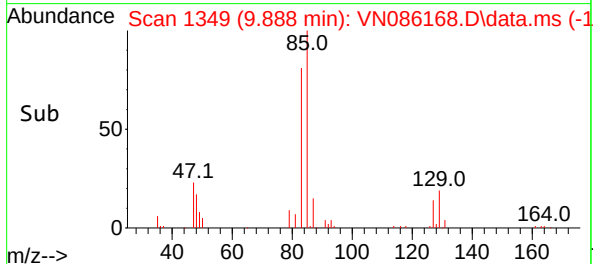
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



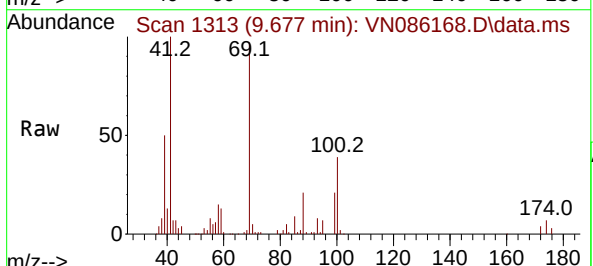
Tgt Ion: 83 Resp: 18516
Ion Ratio Lower Upper
83 100
85 63.6 50.2 75.2
127 8.6 7.1 10.7

Manual Integrations
APPROVED

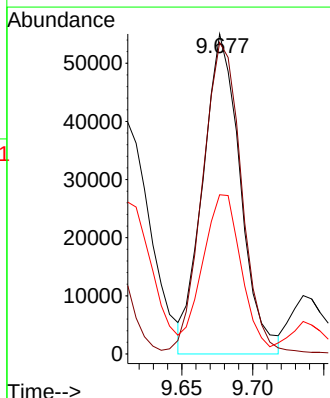
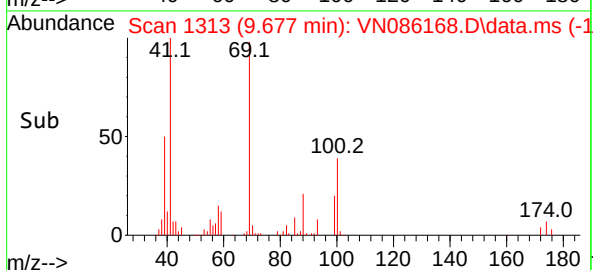
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

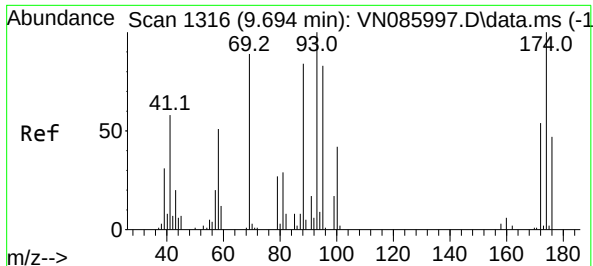


#48
Methyl methacrylate
Concen: 48.586 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17



Tgt Ion: 41 Resp: 100922
Ion Ratio Lower Upper
41 100
69 102.1 83.1 124.7
39 52.0 45.6 68.4





#49

1,4-Dioxane

Concen: 910.445 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 44700

Ion Ratio Lower Upper

88 100

43 22.5 21.7 32.5

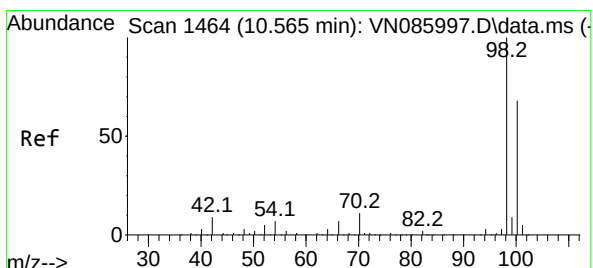
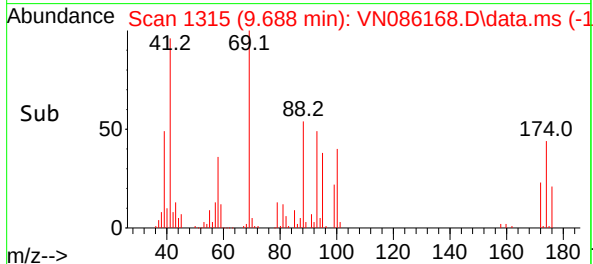
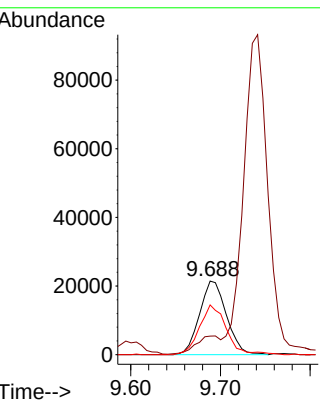
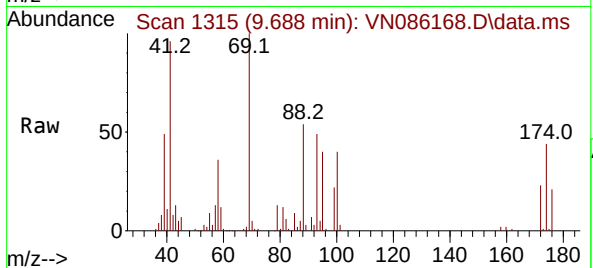
58 67.6 50.4 75.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#50

Toluene-d8

Concen: 48.711 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086168.D

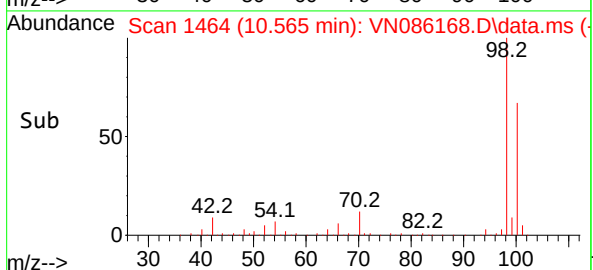
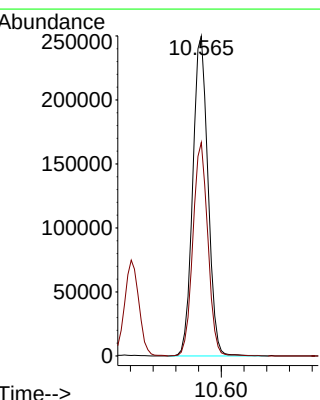
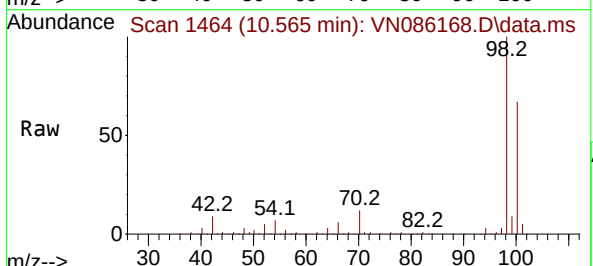
Acq: 31 Mar 2025 14:17

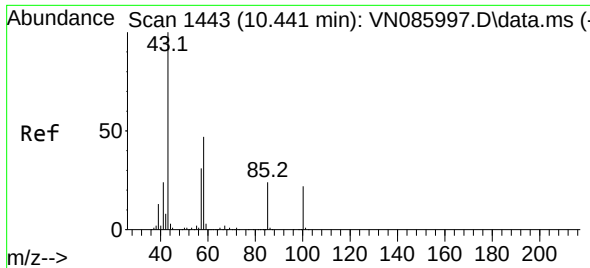
Tgt Ion: 98 Resp: 462285

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7





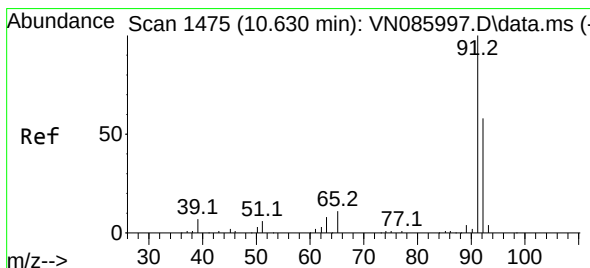
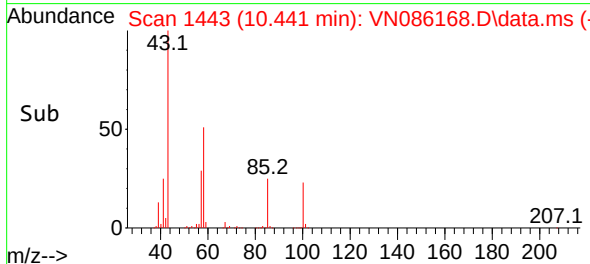
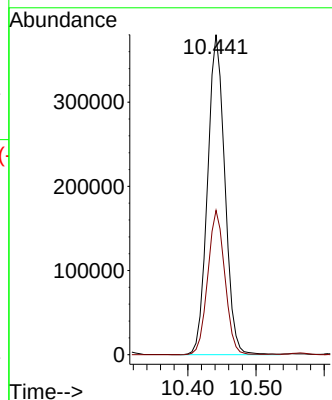
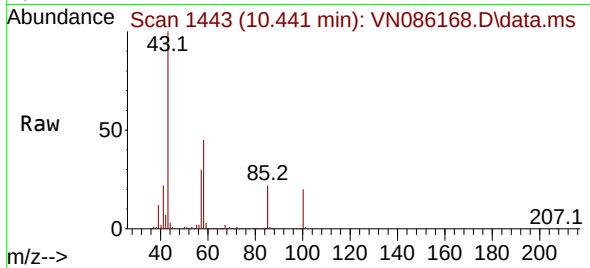
#51
4-Methyl-2-Pentanone
Concen: 241.441 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 67026
Ion Ratio Lower Upper
43 100
58 44.6 37.4 56.0

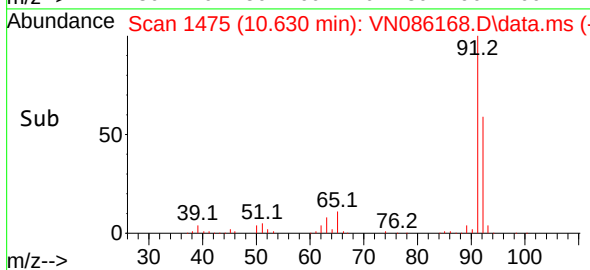
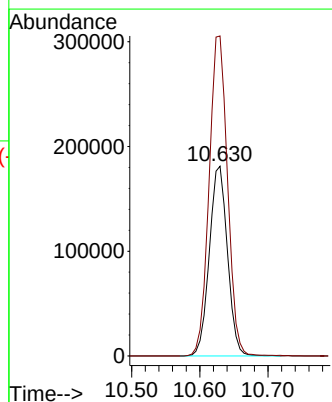
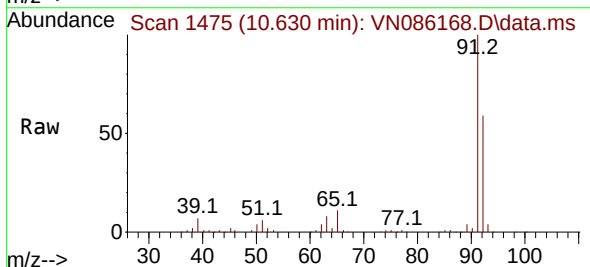
Manual Integrations
APPROVED

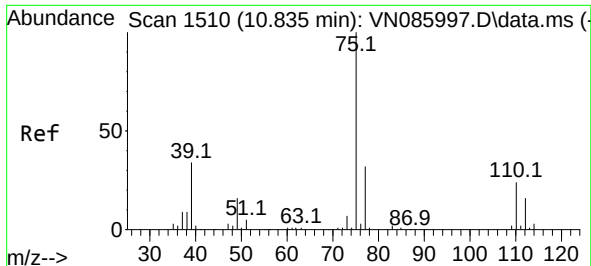
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#52
Toluene
Concen: 50.513 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

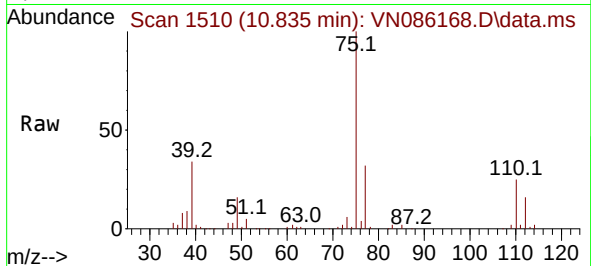
Tgt Ion: 92 Resp: 335110
Ion Ratio Lower Upper
92 100
91 171.7 136.2 204.4





#53
t-1,3-Dichloropropene
Concen: 48.558 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

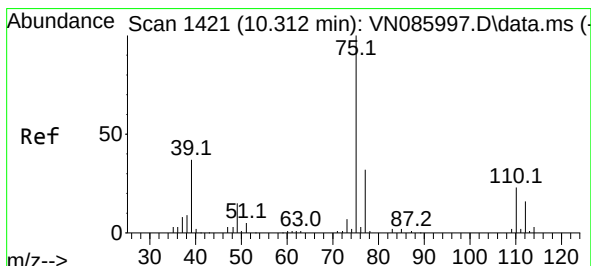
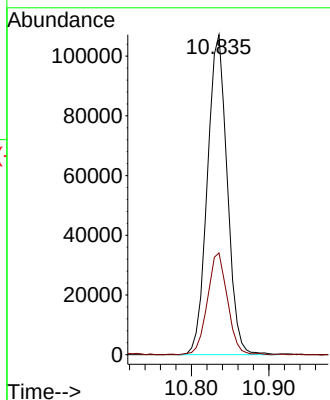
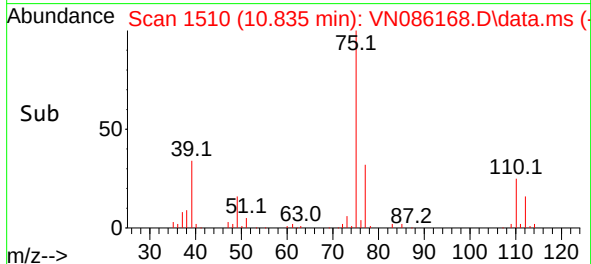
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050



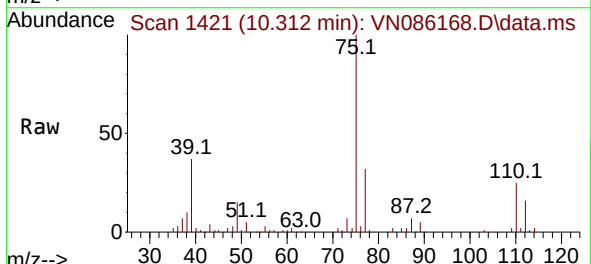
Tgt Ion: 75 Resp: 190552
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9

Manual Integrations
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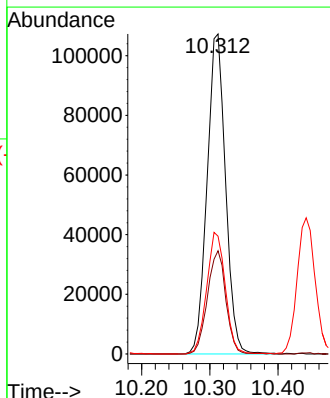
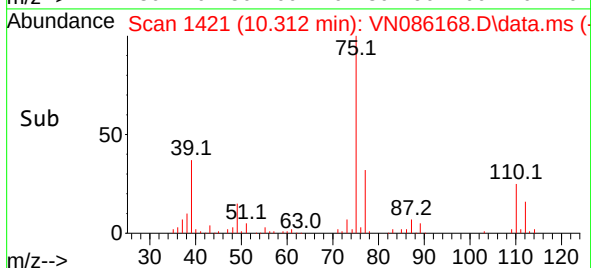
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

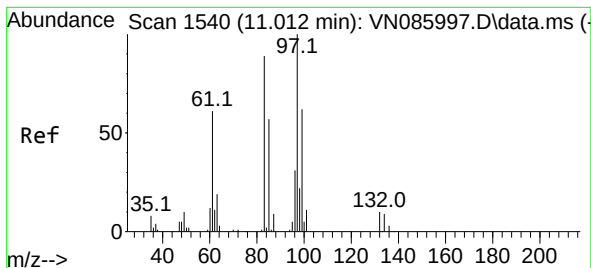


#54
cis-1,3-Dichloropropene
Concen: 48.802 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17



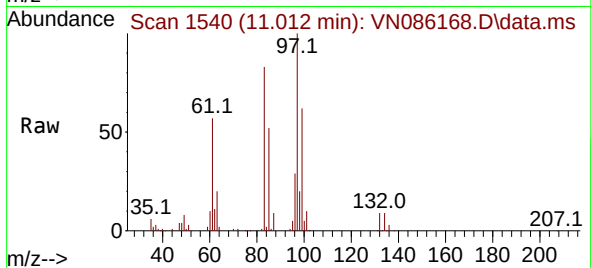
Tgt Ion: 75 Resp: 202057
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
39 36.8 29.6 44.4





#55
1,1,2-Trichloroethane
Concen: 48.060 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

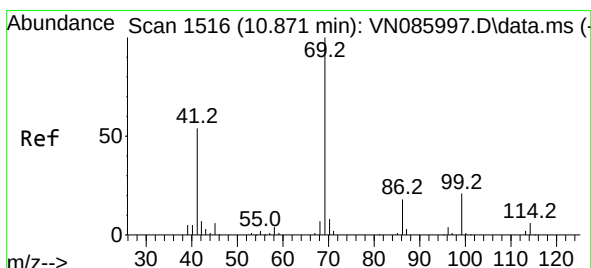
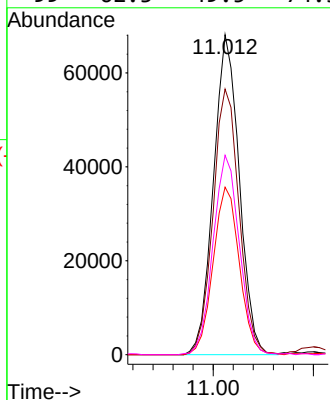
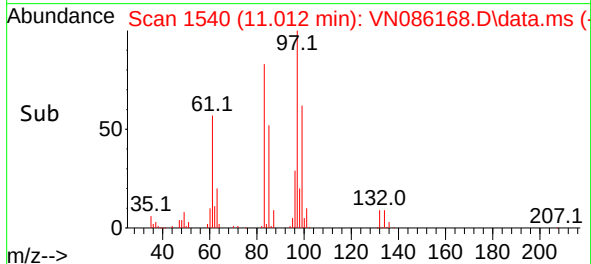
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 12169
Ion Ratio Lower Upper
97 100
83 83.0 71.2 106.8
85 52.3 45.4 68.0
99 62.3 49.5 74.3

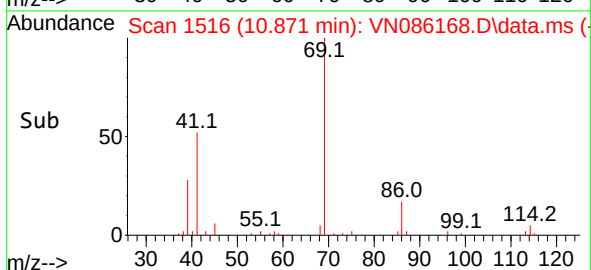
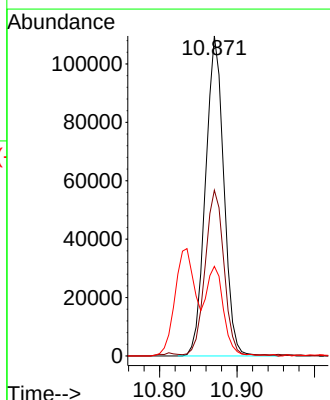
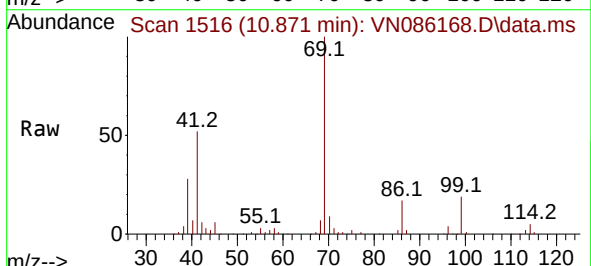
Manual Integrations
APPROVED

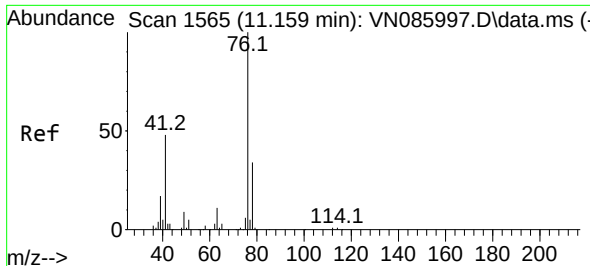
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#56
Ethyl methacrylate
Concen: 46.204 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

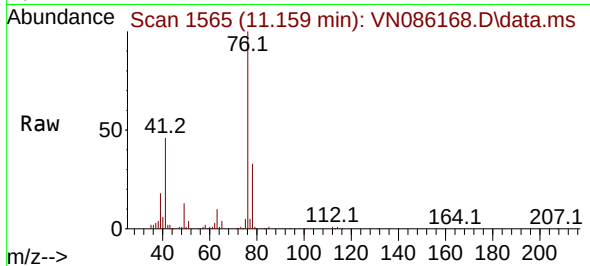
Tgt Ion: 69 Resp: 179698
Ion Ratio Lower Upper
69 100
41 52.7 41.6 62.4
39 26.0 21.8 32.8





#57
1,3-Dichloropropane
Concen: 48.018 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

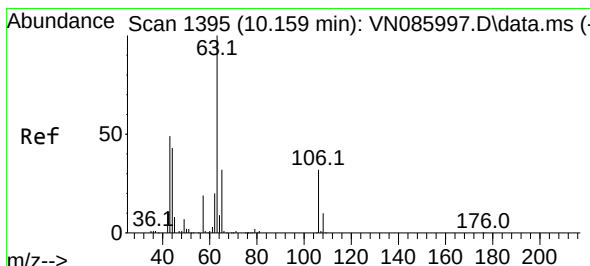
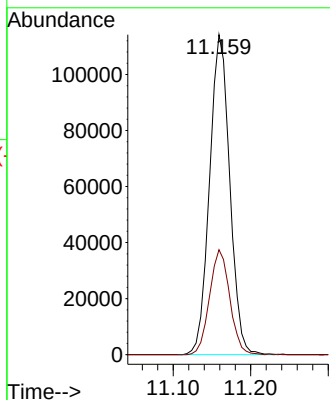
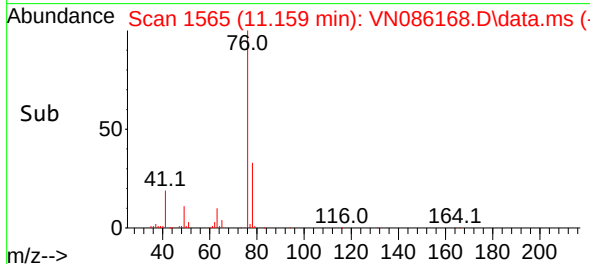
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 206509
Ion Ratio Lower Upper
76 100
78 32.9 25.8 38.6

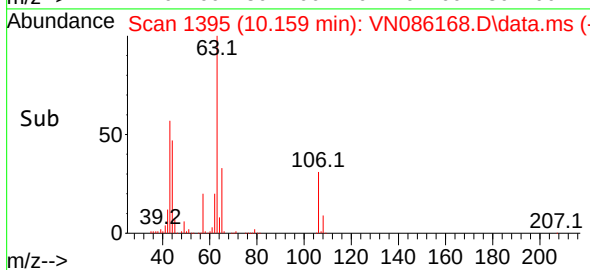
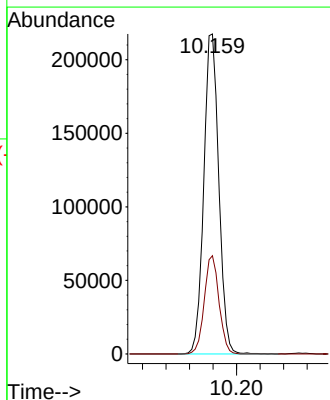
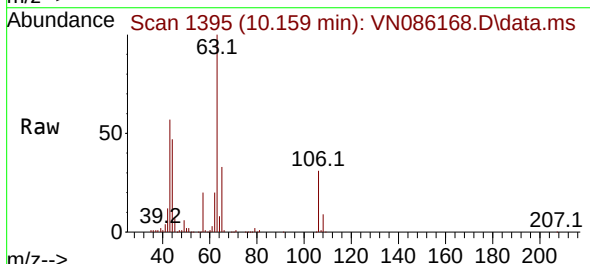
Manual Integrations
APPROVED

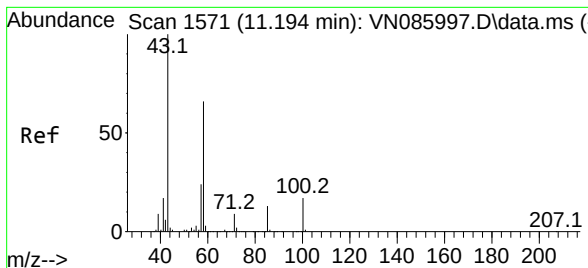
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#58
2-Chloroethyl Vinyl ether
Concen: 254.459 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

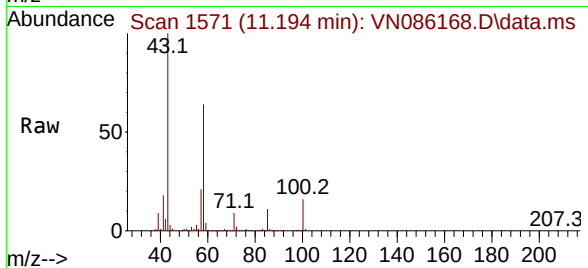
Tgt Ion: 63 Resp: 386119
Ion Ratio Lower Upper
63 100
106 30.1 25.0 37.6





#59
2-Hexanone
Concen: 249.856 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

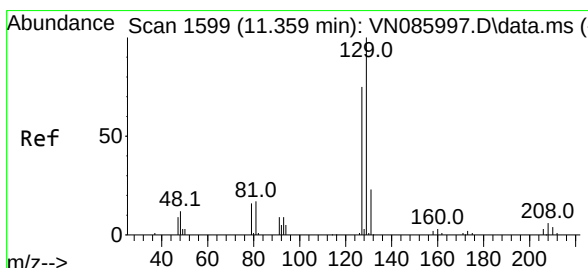
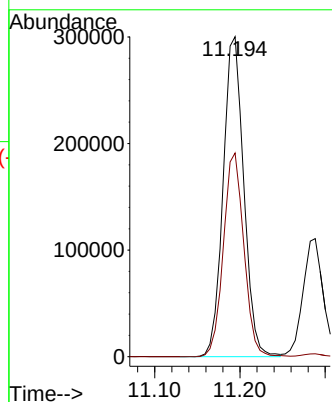
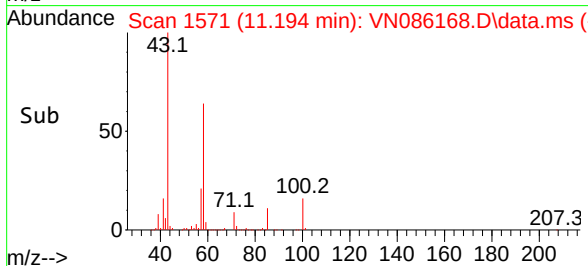
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 505300
Ion Ratio Lower Upper
43 100
58 63.1 32.4 97.2

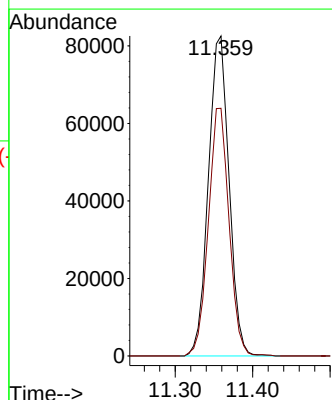
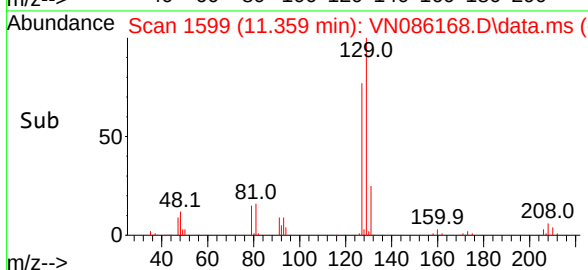
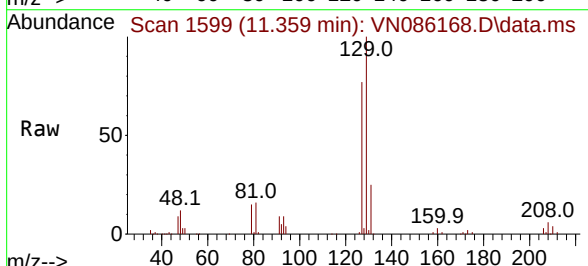
Manual Integrations
APPROVED

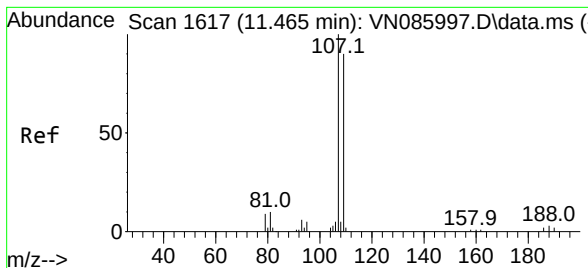
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#60
Dibromochloromethane
Concen: 46.863 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Tgt Ion:129 Resp: 153120
Ion Ratio Lower Upper
129 100
127 77.5 37.8 113.4





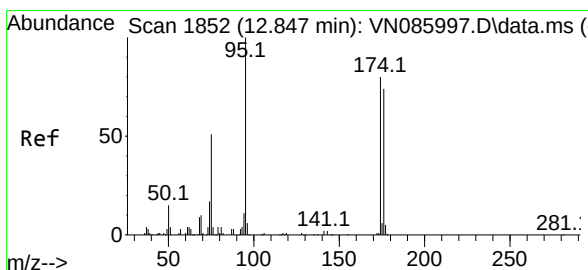
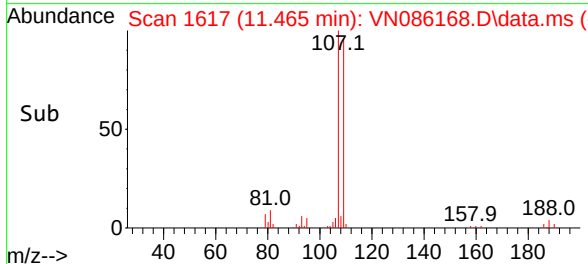
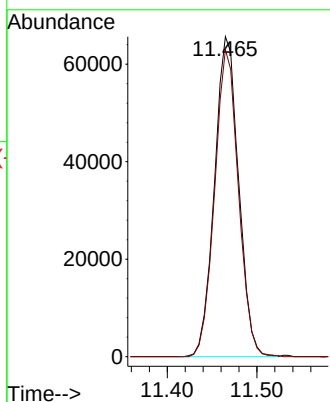
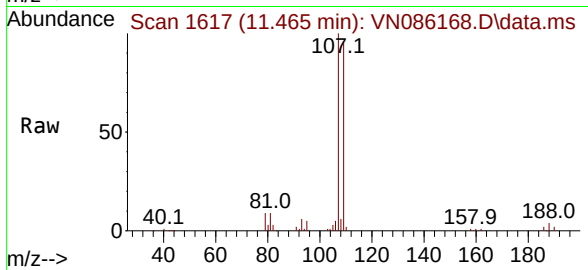
#61
1,2-Dibromoethane
Concen: 47.114 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 122470
Ion Ratio Lower Upper
107 100
109 94.5 73.3 109.9

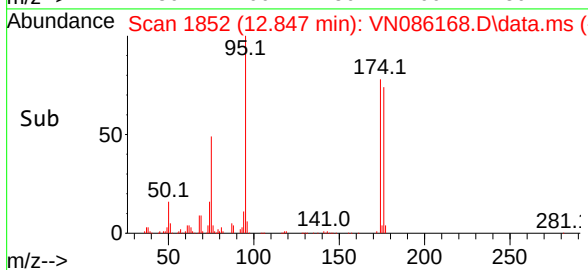
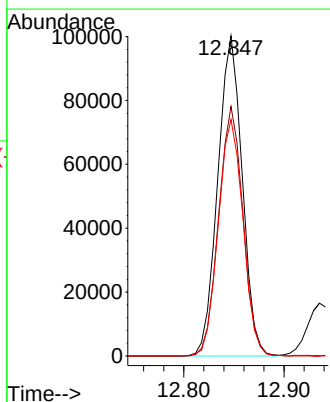
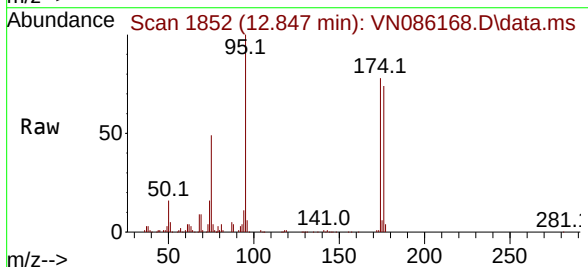
Manual Integrations
APPROVED

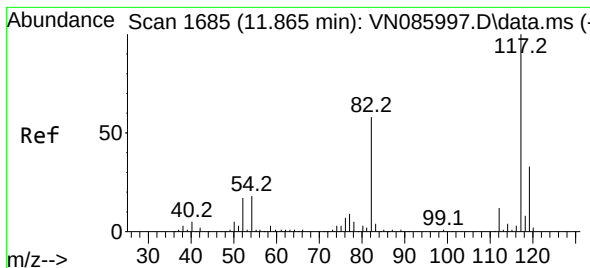
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#62
4-Bromofluorobenzene
Concen: 49.931 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Tgt Ion: 95 Resp: 168996
Ion Ratio Lower Upper
95 100
174 77.9 0.0 156.8
176 74.8 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 345634

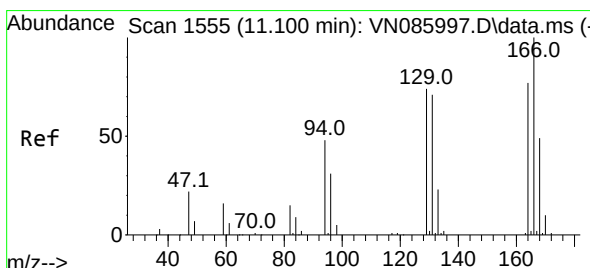
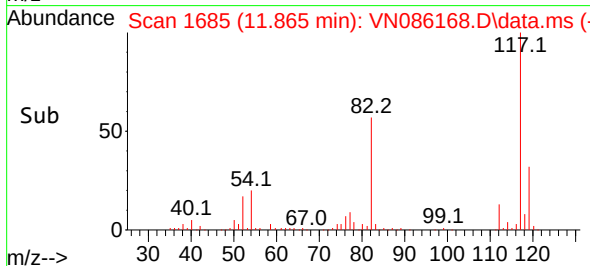
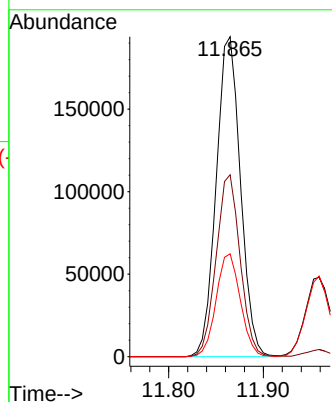
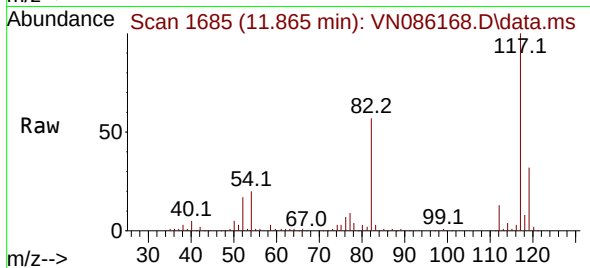
Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.7	70.1
119	32.2	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#64

Tetrachloroethene

Concen: 46.524 ug/l

RT: 11.100 min Scan# 1555

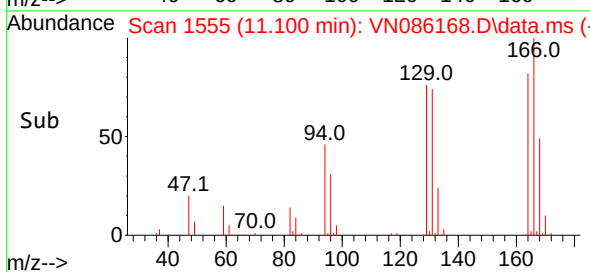
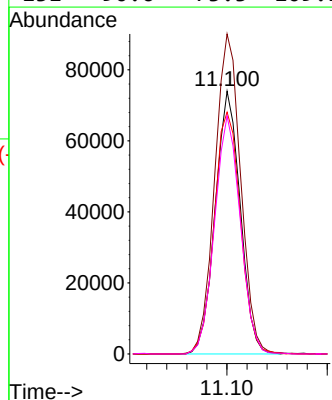
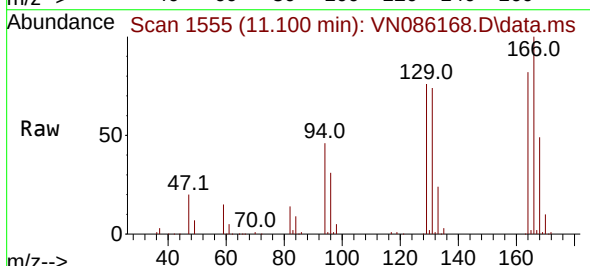
Delta R.T. -0.000 min

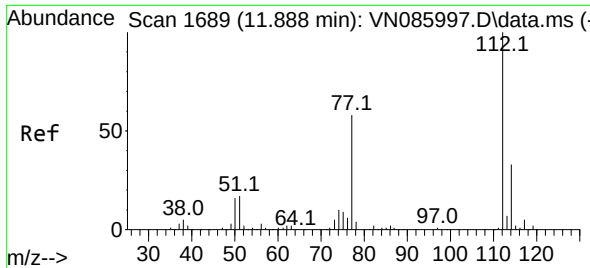
Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

Tgt Ion:164 Resp: 128275

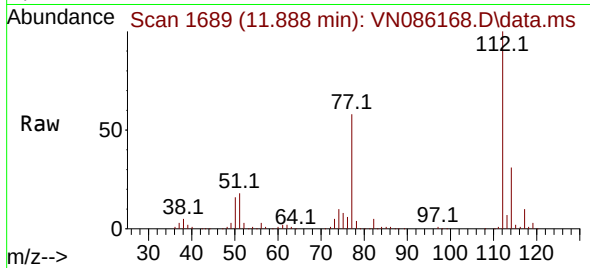
Ion	Ratio	Lower	Upper
164	100		
166	121.8	103.7	155.5
129	92.0	77.1	115.7
131	90.6	73.3	109.9





#65
Chlorobenzene
Concen: 45.618 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

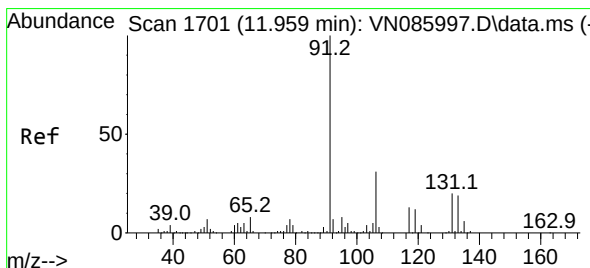
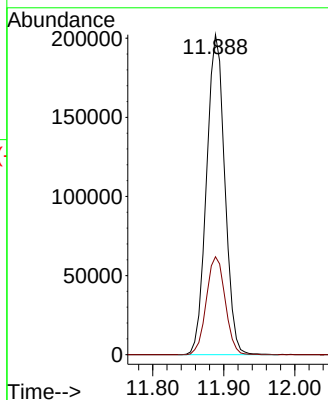
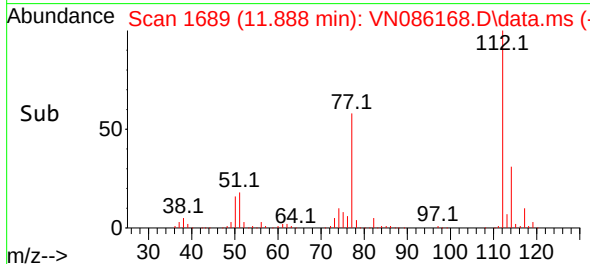
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



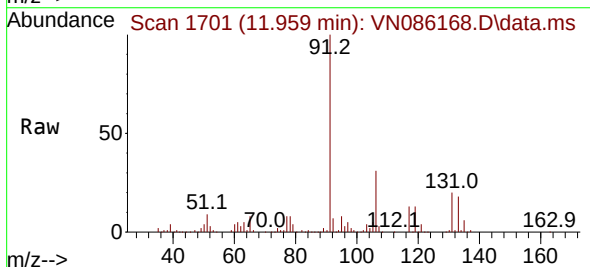
Tgt Ion:112 Resp: 360790
Ion Ratio Lower Upper
112 100
114 30.6 26.3 39.5

Manual Integrations
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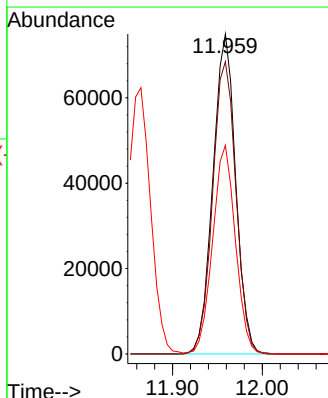
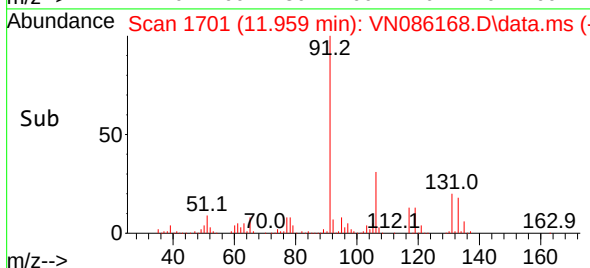
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

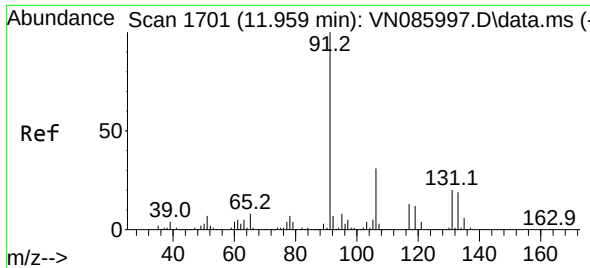


#66
1,1,1,2-Tetrachloroethane
Concen: 44.865 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17



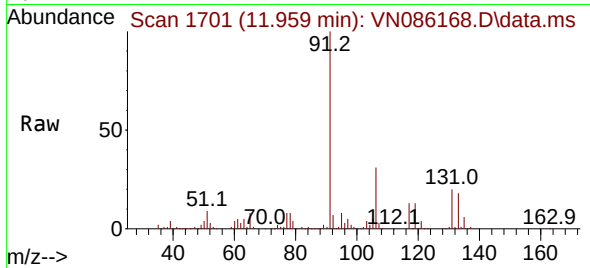
Tgt Ion:131 Resp: 131906
Ion Ratio Lower Upper
131 100
133 93.7 47.0 141.0
119 65.2 31.4 94.0





#67
Ethyl Benzene
Concen: 49.256 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

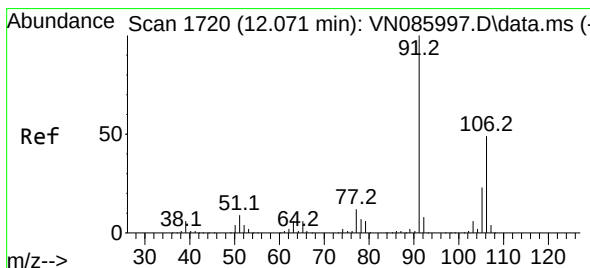
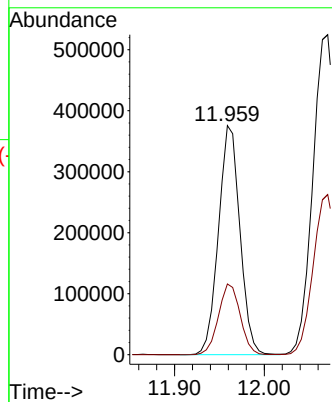
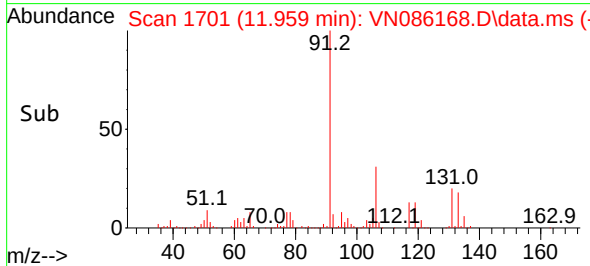
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 623158
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7

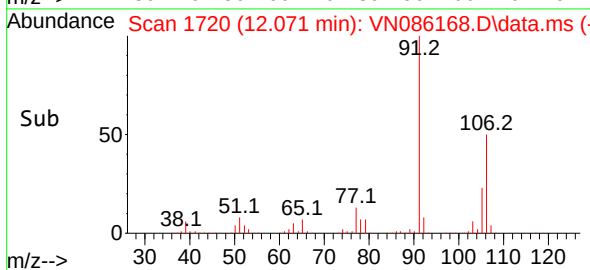
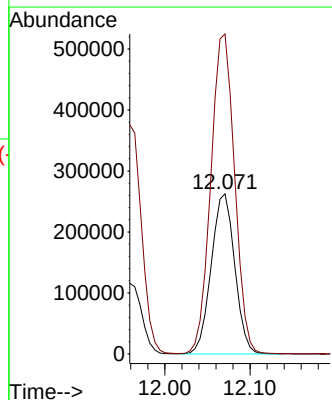
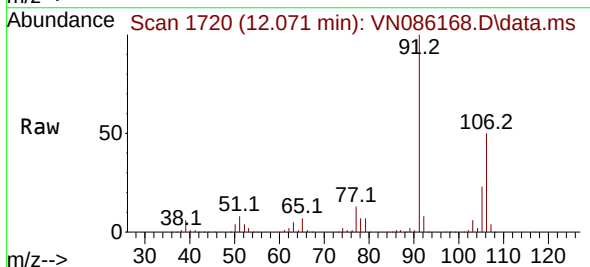
Manual Integrations
APPROVED

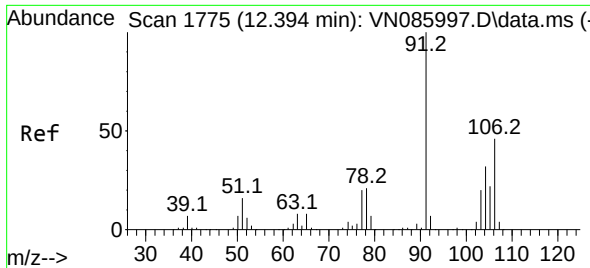
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#68
m/p-Xylenes
Concen: 101.259 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Tgt Ion:106 Resp: 503524
Ion Ratio Lower Upper
106 100
91 202.3 163.9 245.9





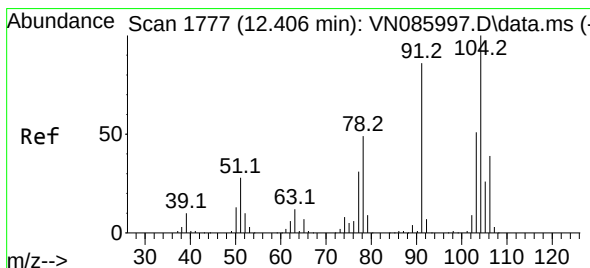
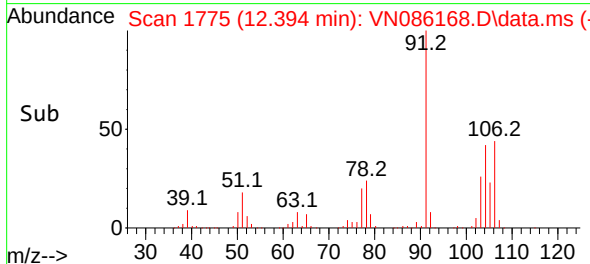
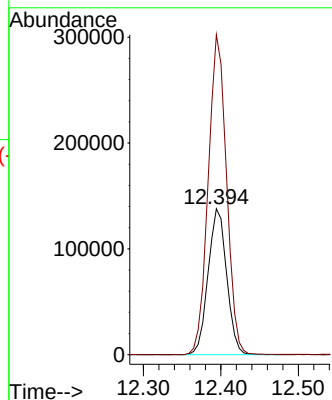
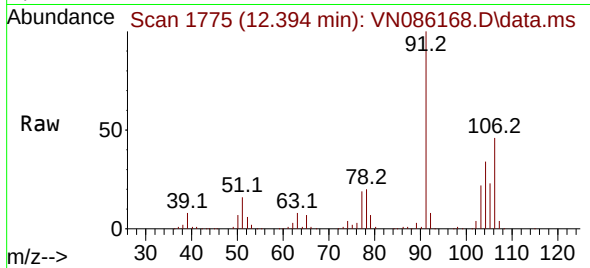
#69
o-Xylene
Concen: 50.311 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 22961
Ion Ratio Lower Upper
106 100
91 216.1 109.1 327.2

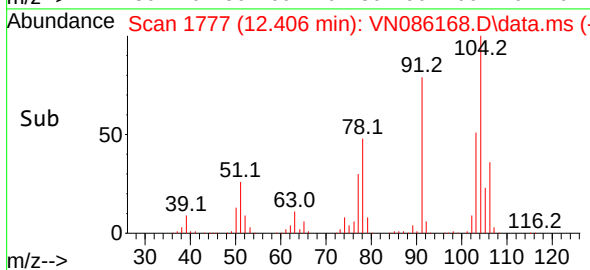
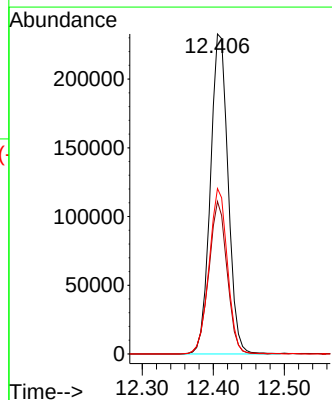
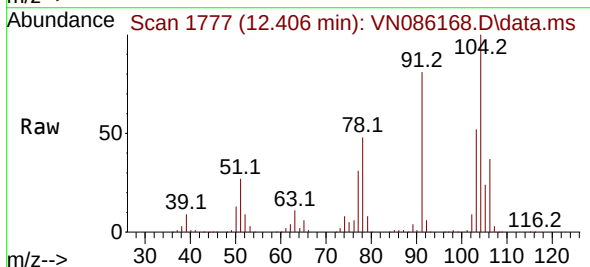
Manual Integrations
APPROVED

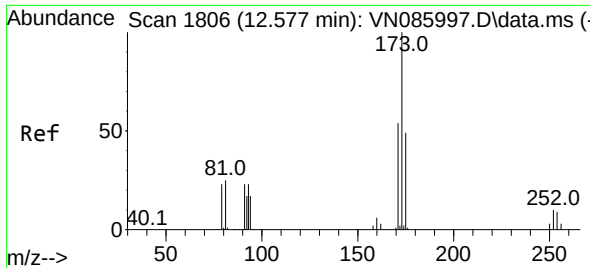
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#70
Styrene
Concen: 51.695 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

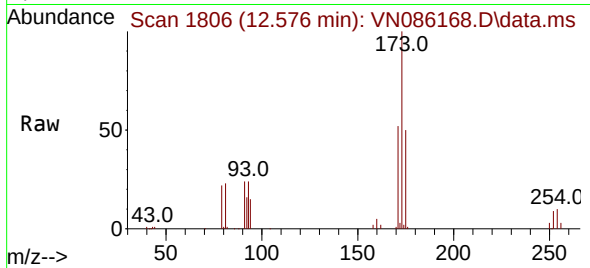
Tgt Ion:104 Resp: 402982
Ion Ratio Lower Upper
104 100
78 49.2 41.4 62.2
103 53.7 42.9 64.3





#71
Bromoform
Concen: 43.067 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

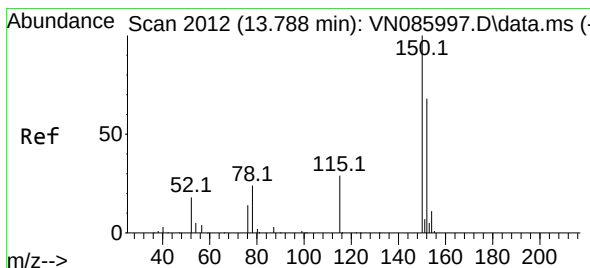
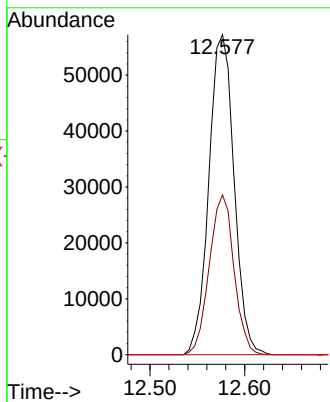
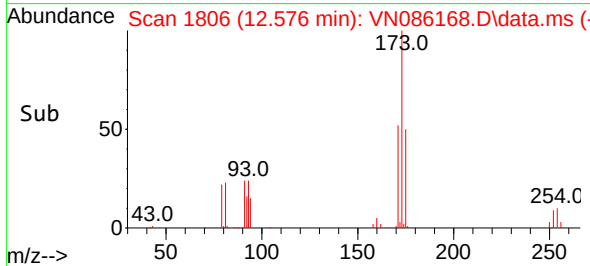
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



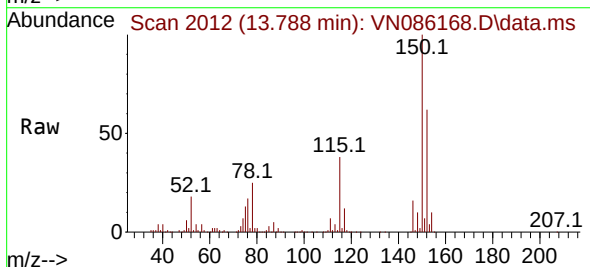
Tgt Ion:173 Resp: 105850
Ion Ratio Lower Upper
173 100
175 48.9 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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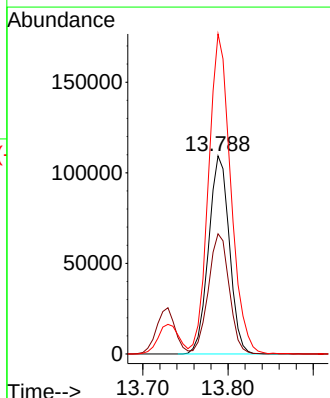
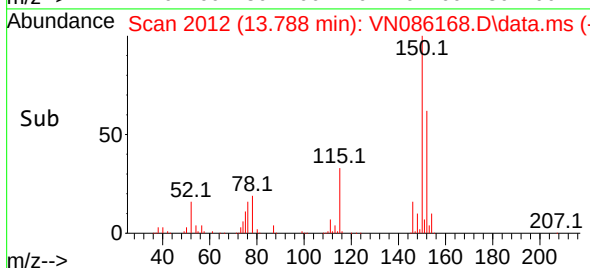
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

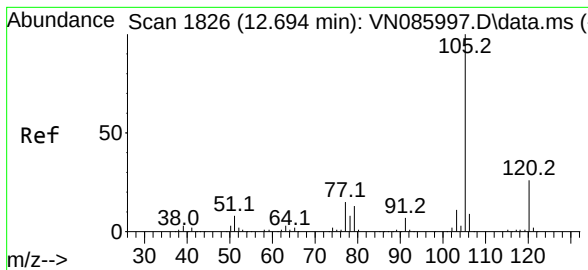


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17



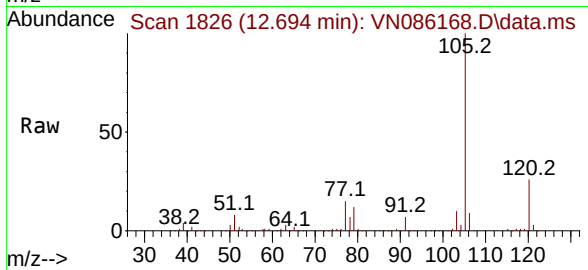
Tgt Ion:152 Resp: 184945
Ion Ratio Lower Upper
152 100
115 61.0 31.1 93.2
150 173.0 0.0 359.6





#73
Isopropylbenzene
Concen: 46.460 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

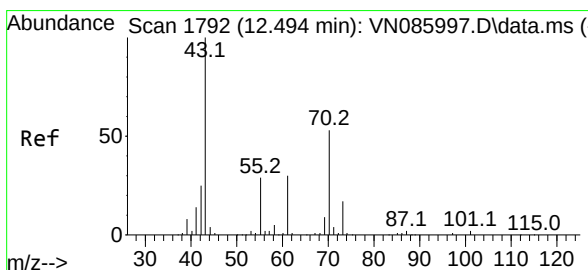
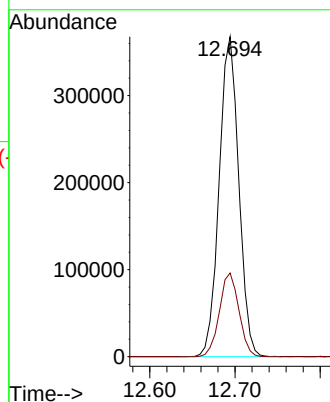
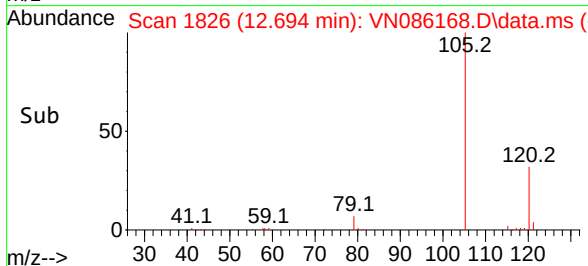
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



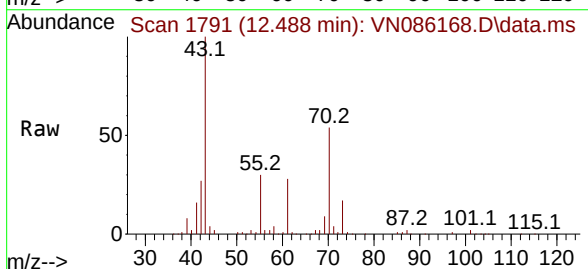
Tgt Ion:105 Resp: 586778
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0

Manual Integrations
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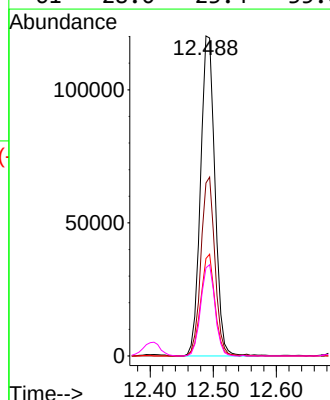
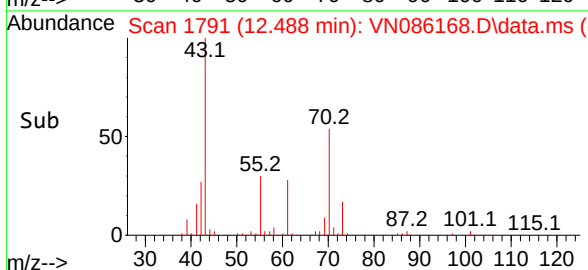
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

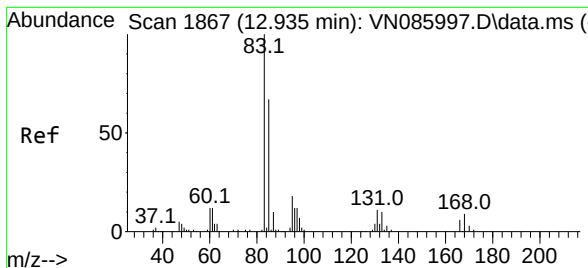


#74
N-ethyl acetate
Concen: 45.155 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17



Tgt Ion: 43 Resp: 190801
Ion Ratio Lower Upper
43 100
70 53.9 43.0 64.4
55 31.1 23.8 35.8
61 28.0 23.4 35.0





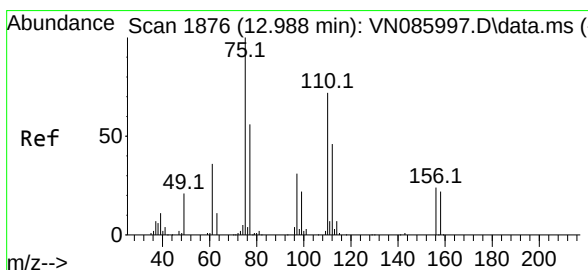
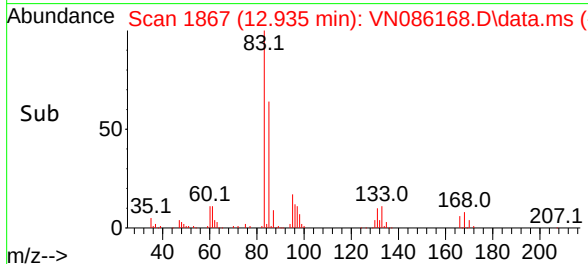
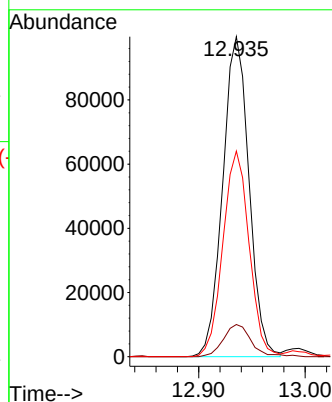
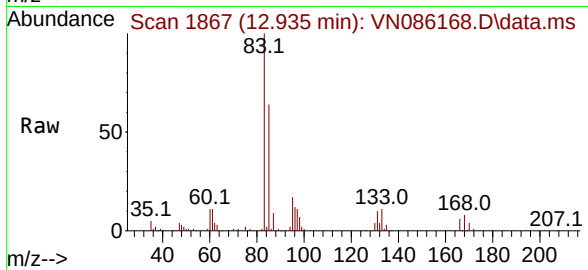
#75
1,1,2,2-Tetrachloroethane
Concen: 40.014 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 170969
Ion Ratio Lower Upper
83 100
131 10.6 5.5 16.5
85 64.0 32.6 97.8

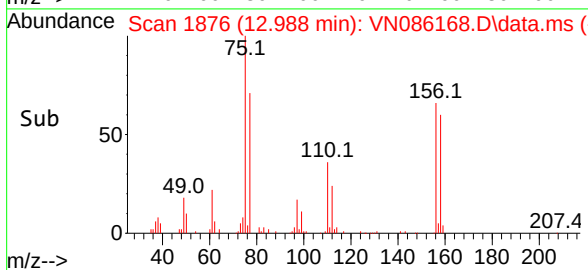
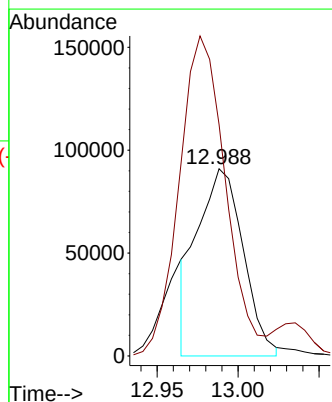
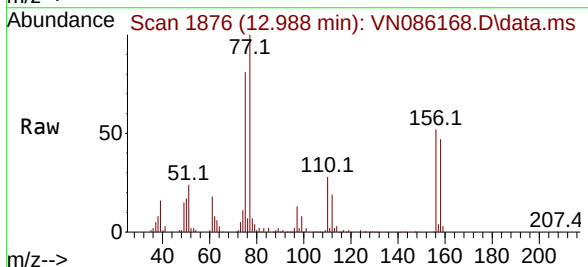
Manual Integrations
APPROVED

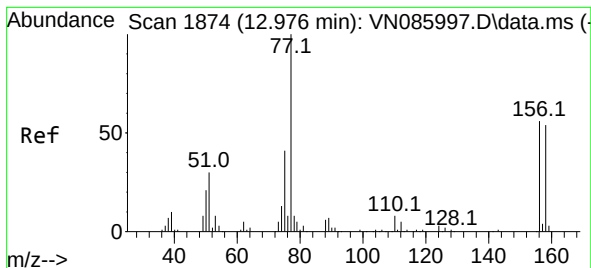
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#76
1,2,3-Trichloropropane
Concen: 43.175 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Tgt Ion: 75 Resp: 178767
Ion Ratio Lower Upper
75 100
77 173.2 83.7 251.0





#77

Bromobenzene

Concen: 43.739 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

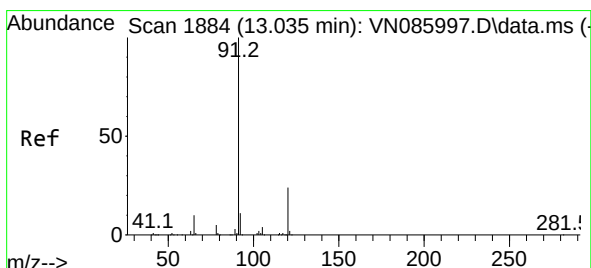
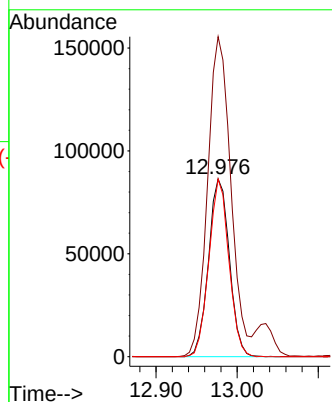
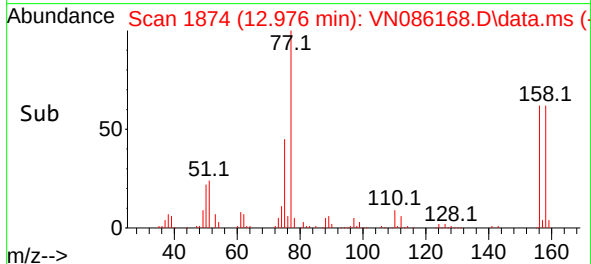
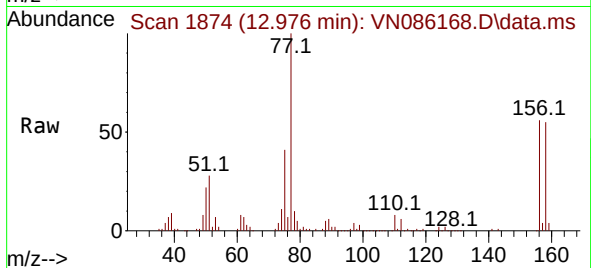
Tgt Ion:156 Resp: 154032
 Ion Ratio Lower Upper
 156 100
 77 201.0 104.1 312.3
 158 95.8 49.0 147.0

Manual Integrations

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Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#78

n-propylbenzene

Concen: 48.623 ug/l

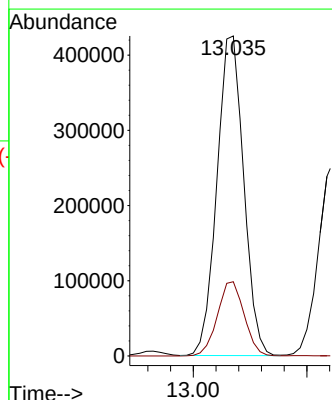
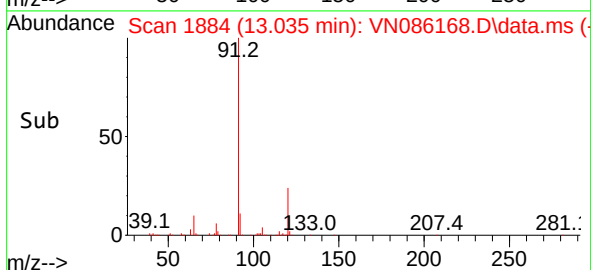
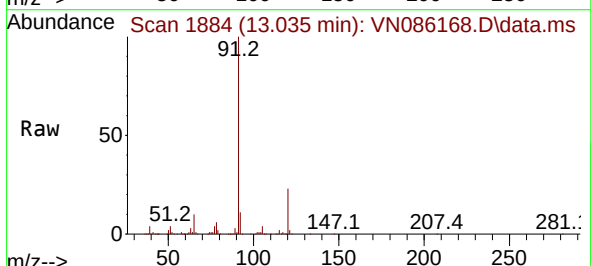
RT: 13.035 min Scan# 1884

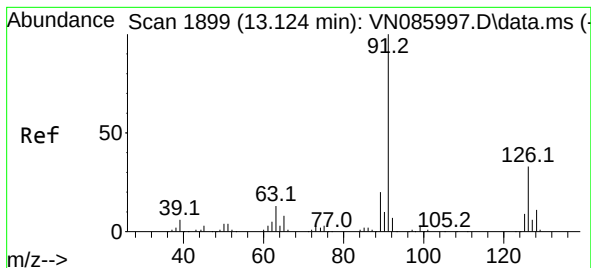
Delta R.T. -0.000 min

Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

Tgt Ion: 91 Resp: 695368
 Ion Ratio Lower Upper
 91 100
 120 23.3 11.7 35.0





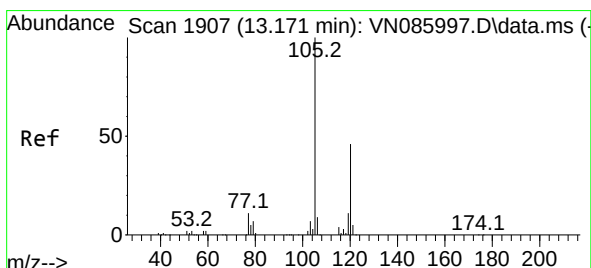
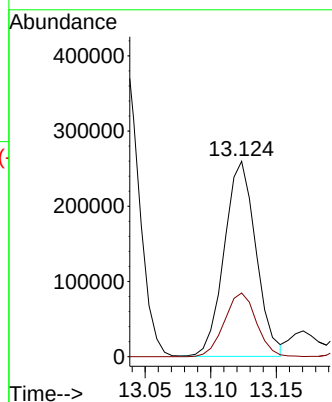
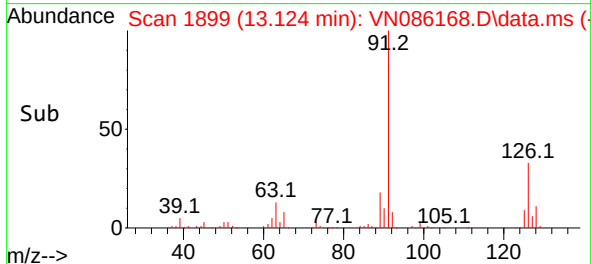
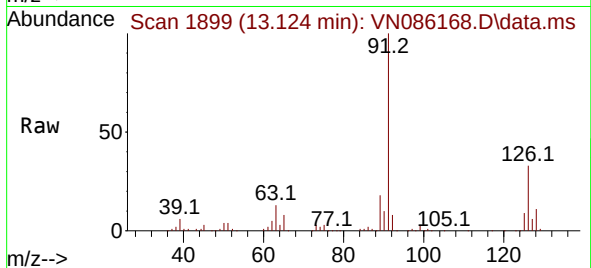
#79
2-Chlorotoluene
Concen: 45.982 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 43678
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.2

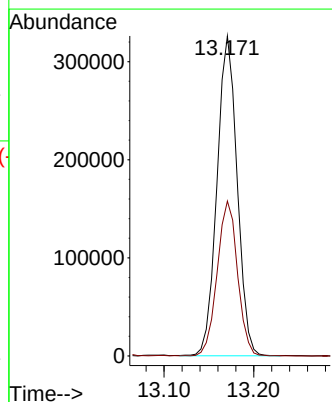
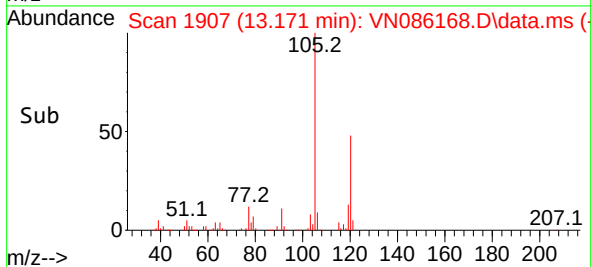
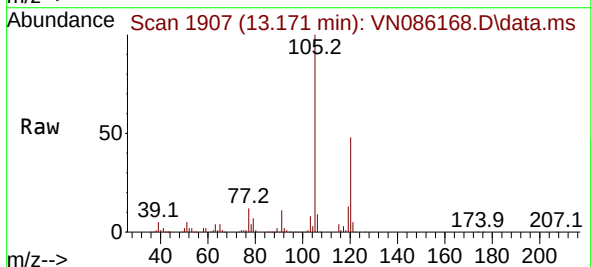
Manual Integrations
APPROVED

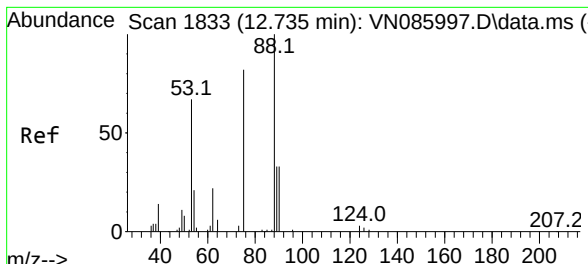
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.632 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Tgt Ion:105 Resp: 507899
Ion Ratio Lower Upper
105 100
120 48.7 23.7 71.1



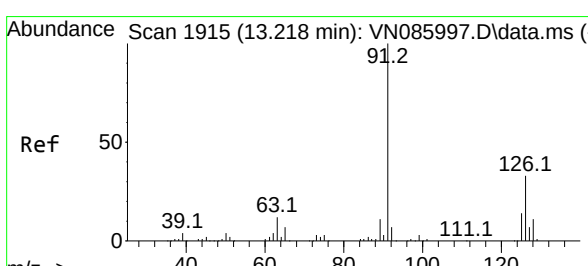
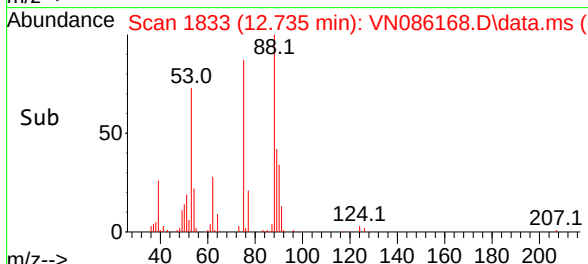
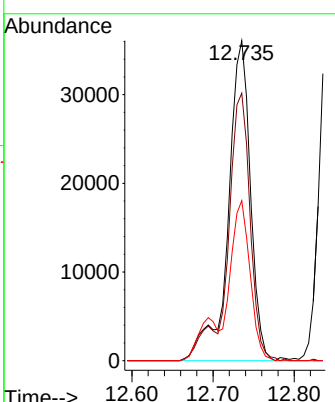
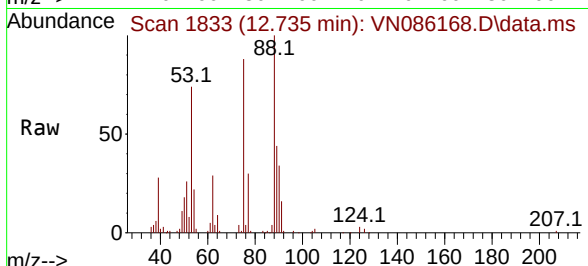


#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.942 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. -0.000 min
 Lab File: VN086168.D
 Acq: 31 Mar 2025 14:17

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

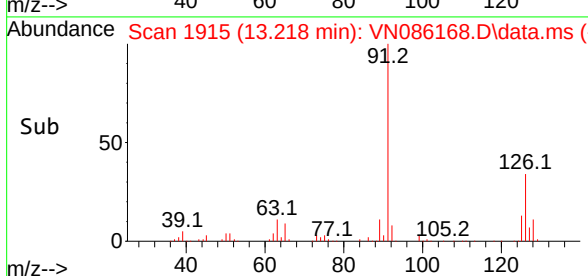
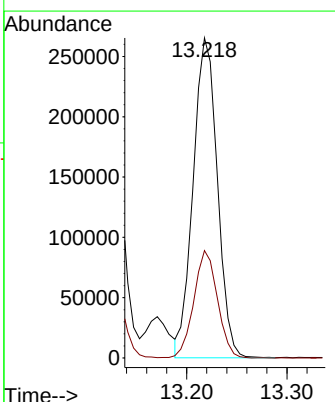
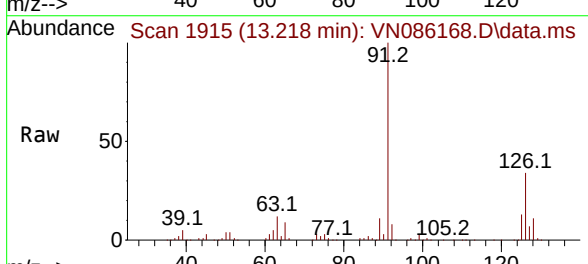
Tgt Ion:	75	Resp:	68819
Ion Ratio	Lower	Upper	
75	100		
53	84.3	66.0	99.0
89	44.1	36.9	55.3

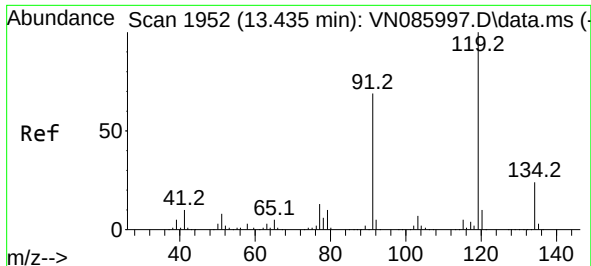
Manual Integrations
APPROVED
 Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025



#82
 4-Chlorotoluene
 Concen: 45.625 ug/l
 RT: 13.218 min Scan# 1915
 Delta R.T. -0.000 min
 Lab File: VN086168.D
 Acq: 31 Mar 2025 14:17

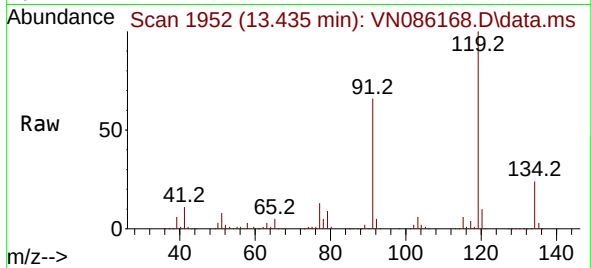
Tgt Ion:	91	Resp:	445686
Ion Ratio	Lower	Upper	
91	100		
126	32.8	16.1	48.2





#83
tert-Butylbenzene
Concen: 45.470 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

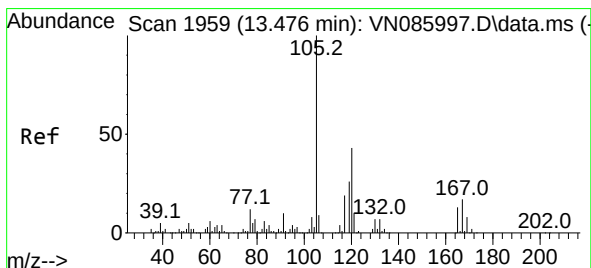
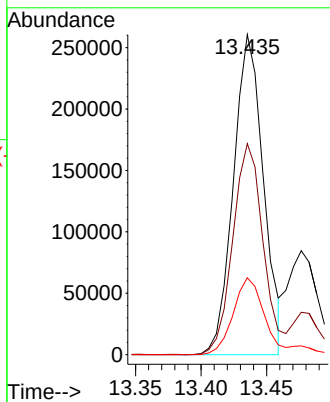
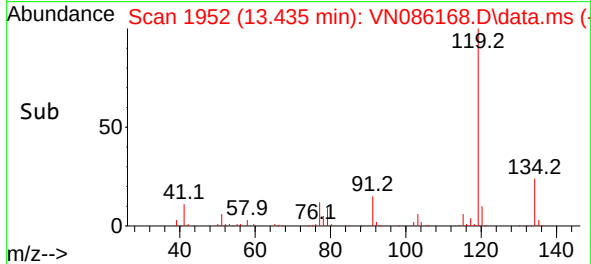
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



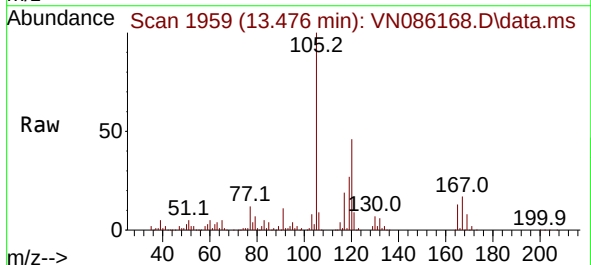
Tgt Ion:119 Resp: 414672
Ion Ratio Lower Upper
119 100
91 67.0 34.3 102.9
134 26.6 13.5 40.5

Manual Integrations
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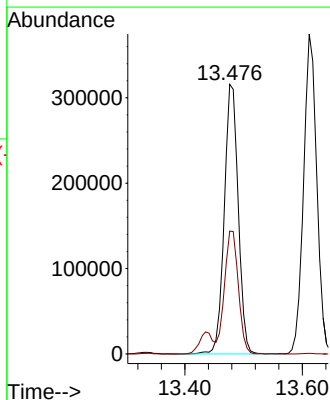
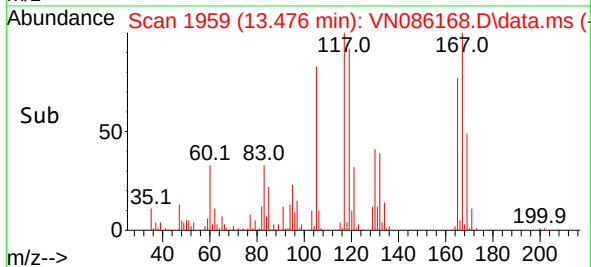
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025

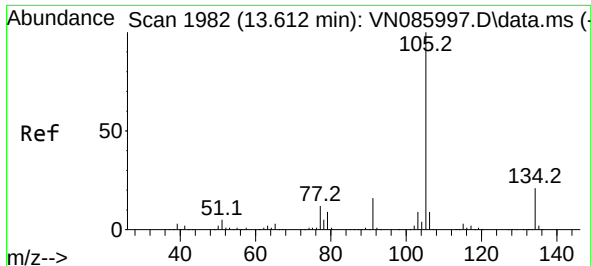


#84
1,2,4-Trimethylbenzene
Concen: 48.365 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17



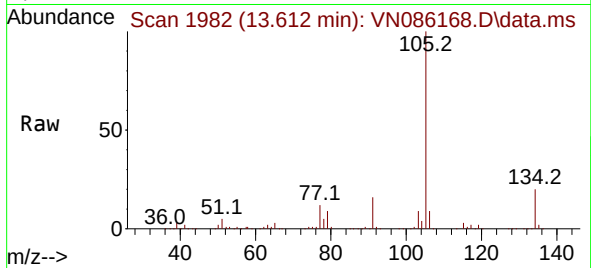
Tgt Ion:105 Resp: 520161
Ion Ratio Lower Upper
105 100
120 45.1 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 49.052 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086168.D
 Acq: 31 Mar 2025 14:17

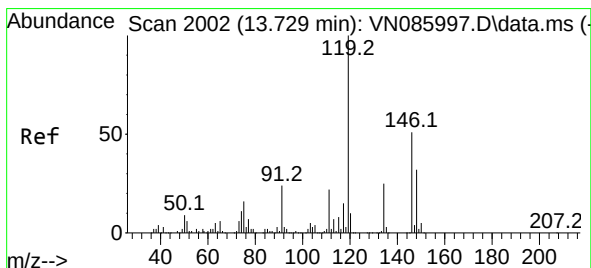
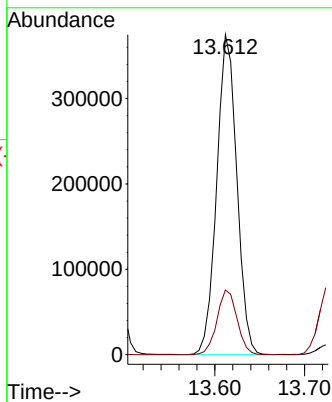
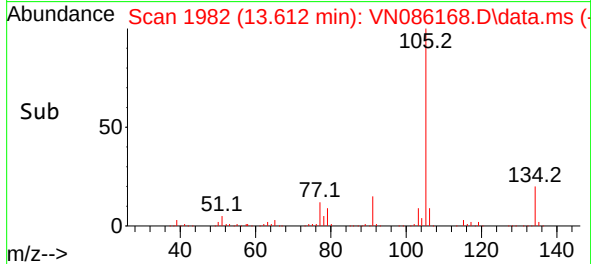
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



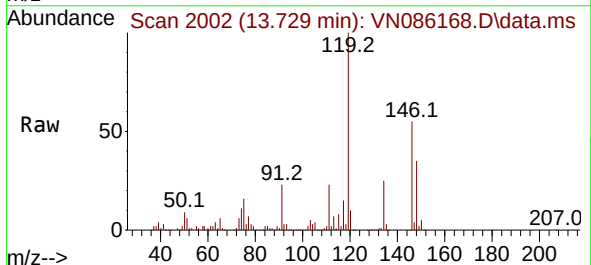
Tgt Ion:105 Resp: 583574
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Manual Integrations
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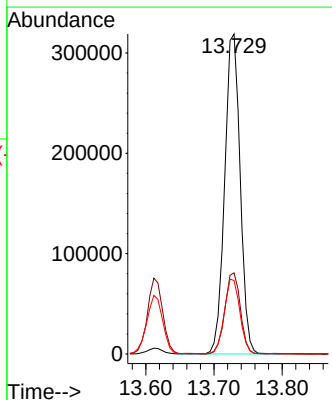
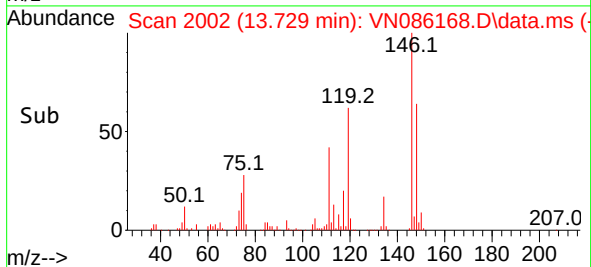
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025

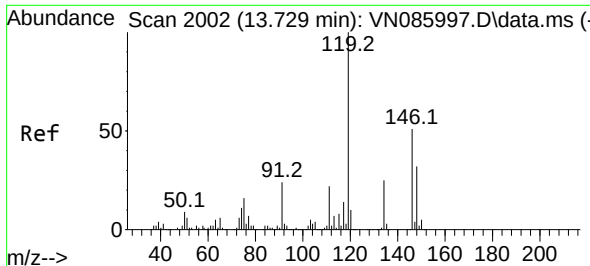


#86
 p-Isopropyltoluene
 Concen: 50.081 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086168.D
 Acq: 31 Mar 2025 14:17



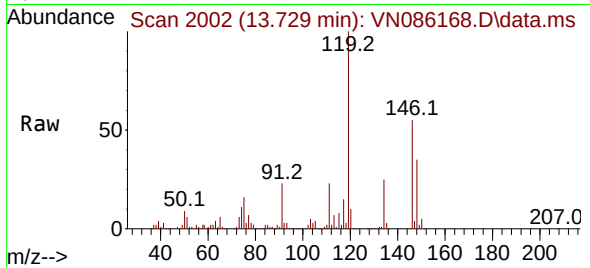
Tgt Ion:119 Resp: 504356
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 23.5 12.3 36.8





#87
 1,3-Dichlorobenzene
 Concen: 45.633 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086168.D
 Acq: 31 Mar 2025 14:17

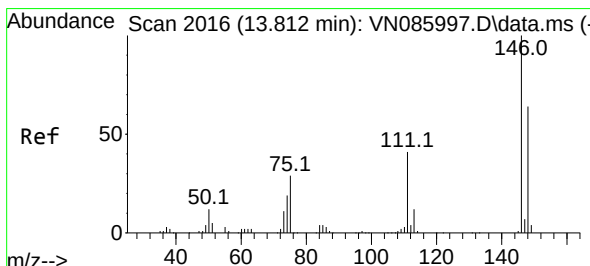
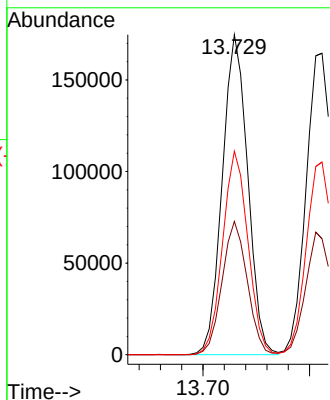
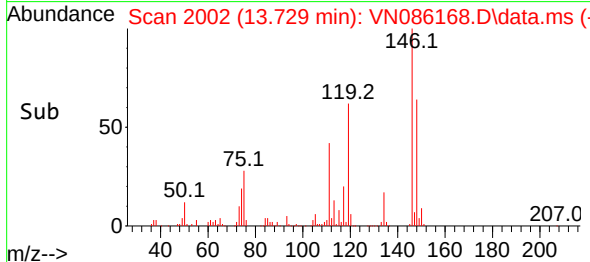
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



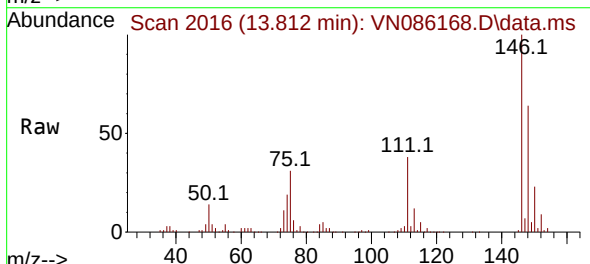
Tgt Ion:146 Resp: 289670
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.2 63.6
 148 63.4 31.8 95.4

Manual Integrations
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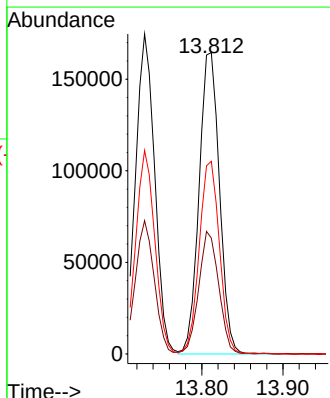
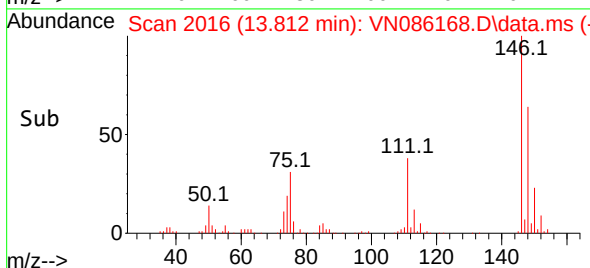
Reviewed By :John Carlone 04/01/2025
 Supervised By :Mahesh Dadoda 04/01/2025

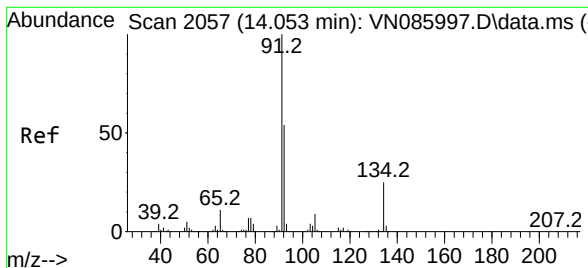


#88
 1,4-Dichlorobenzene
 Concen: 43.088 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN086168.D
 Acq: 31 Mar 2025 14:17



Tgt Ion:146 Resp: 287369
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.4 61.3
 148 63.2 32.1 96.5





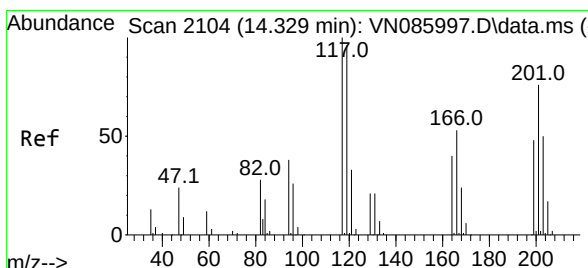
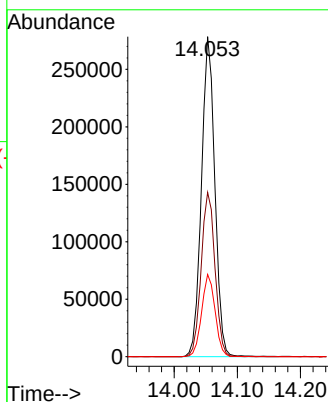
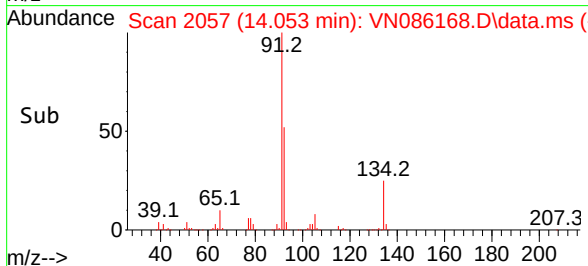
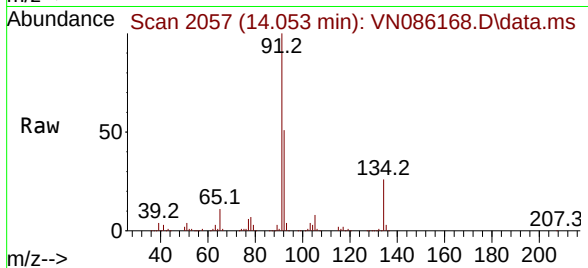
#89
n-Butylbenzene
Concen: 50.045 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 410419
Ion Ratio Lower Upper
91 100
92 53.0 26.9 80.6
134 25.8 13.0 39.0

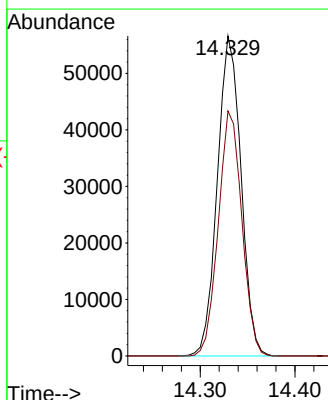
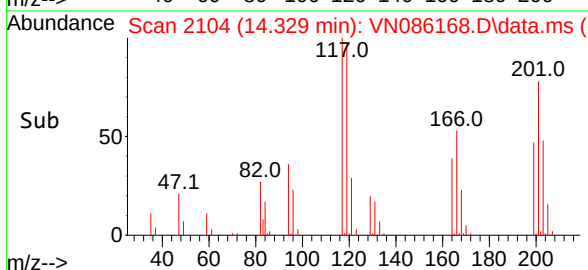
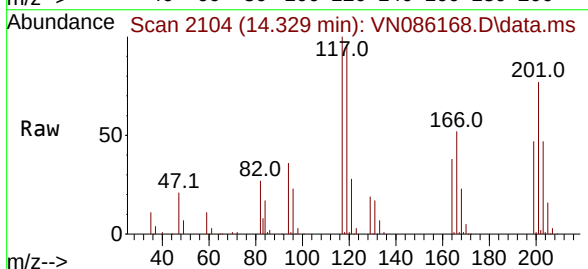
Manual Integrations
APPROVED

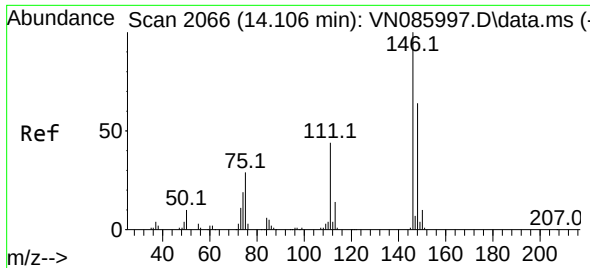
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#90
Hexachloroethane
Concen: 42.347 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Tgt Ion:117 Resp: 98406
Ion Ratio Lower Upper
117 100
201 76.1 39.1 117.3





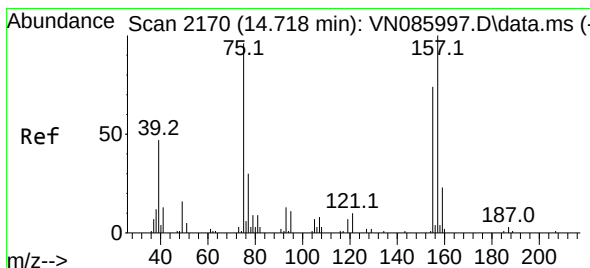
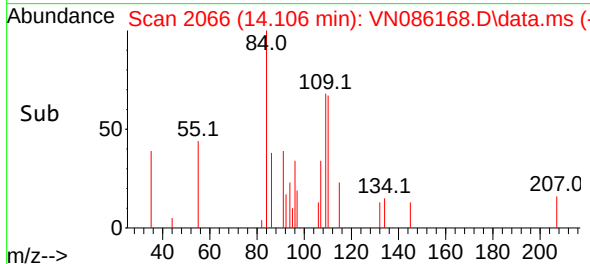
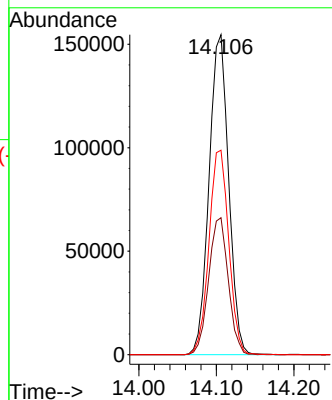
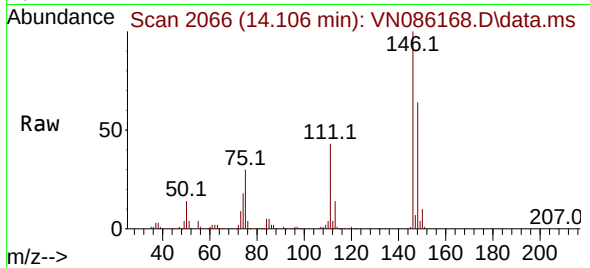
#91
1,2-Dichlorobenzene
Concen: 42.944 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 27099
Ion Ratio Lower Upper
146 100
111 42.9 22.3 66.8
148 64.7 32.1 96.5

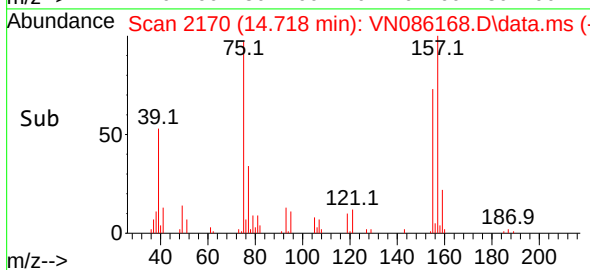
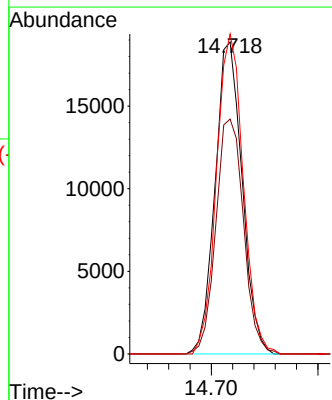
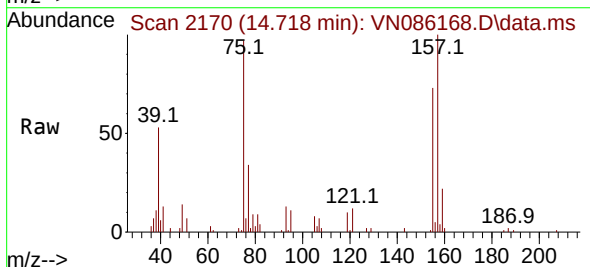
Manual Integrations
APPROVED

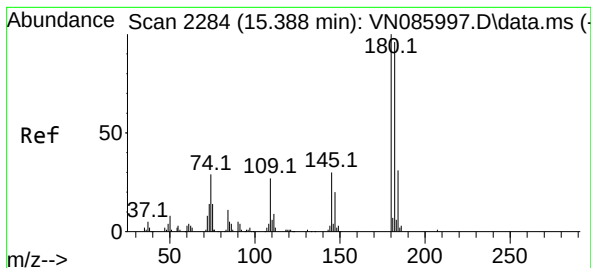
Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 38.902 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

Tgt Ion: 75 Resp: 33180
Ion Ratio Lower Upper
75 100
155 77.2 41.0 123.0
157 101.6 53.7 161.1





#93

1,2,4-Trichlorobenzene

Concen: 42.944 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 136258

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.0

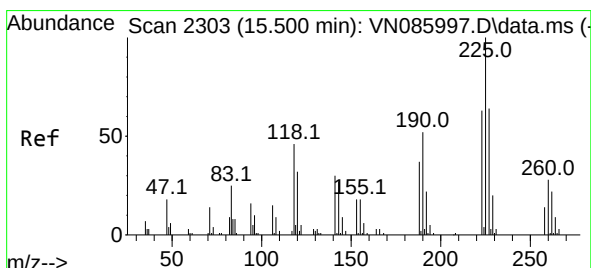
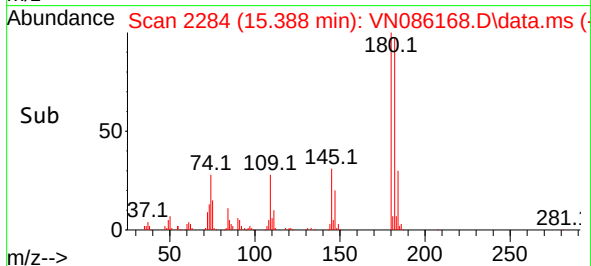
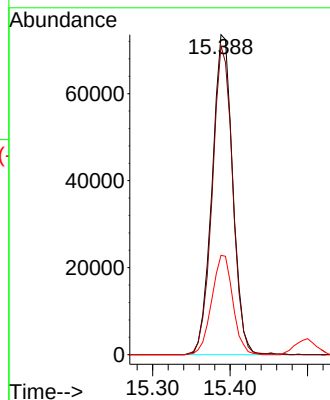
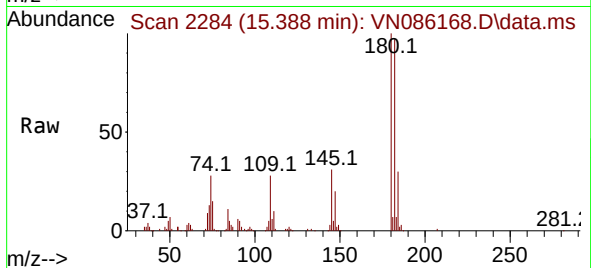
145 31.8 15.5 46.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/01/2025

Supervised By :Mahesh Dadoda 04/01/2025



#94

Hexachlorobutadiene

Concen: 40.411 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN086168.D

Acq: 31 Mar 2025 14:17

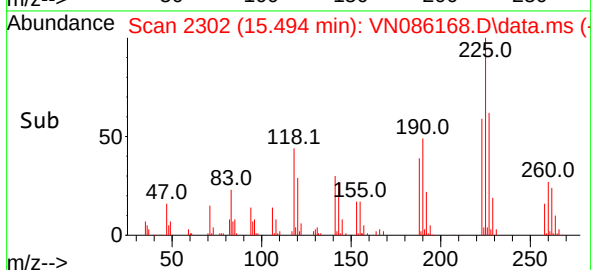
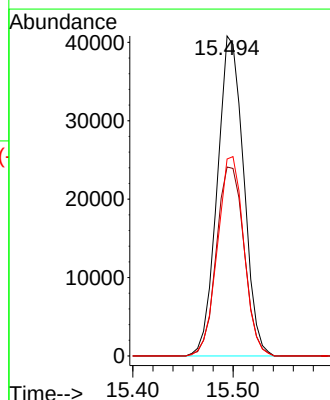
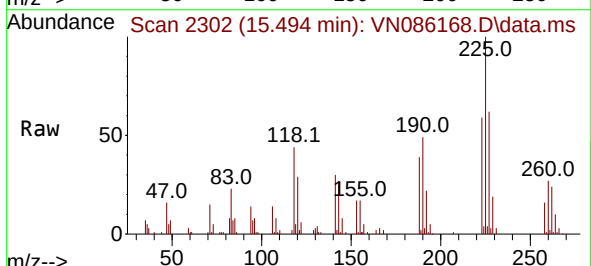
Tgt Ion:225 Resp: 74389

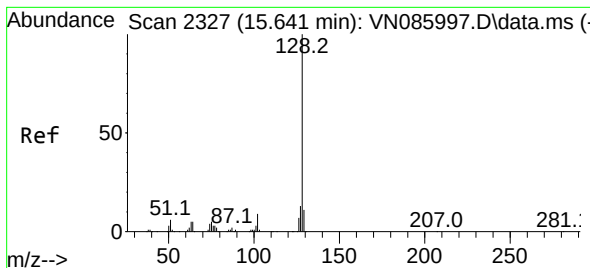
Ion Ratio Lower Upper

225 100

223 62.2 31.3 93.9

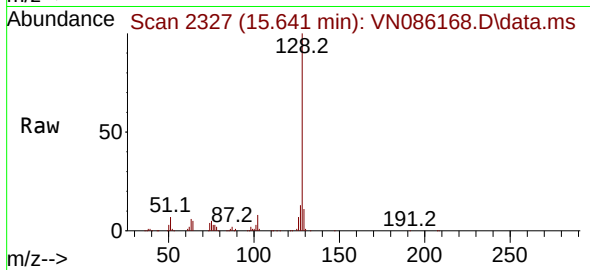
227 62.5 32.1 96.3





#95
Naphthalene
Concen: 40.837 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17

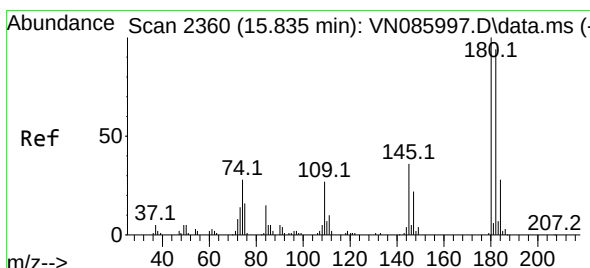
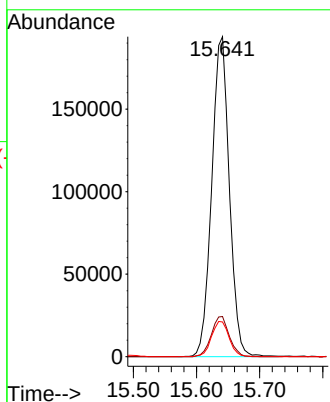
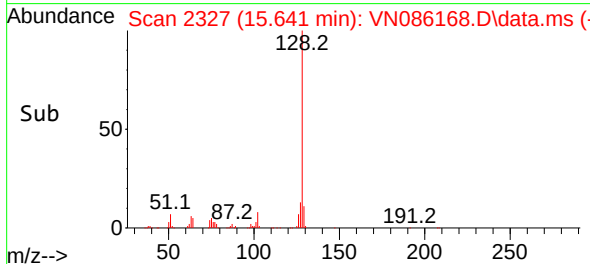
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



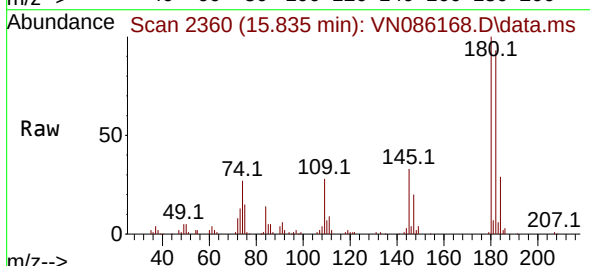
Tgt Ion:128 Resp: 375199
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/01/2025
Supervised By :Mahesh Dadoda 04/01/2025



#96
1,2,3-Trichlorobenzene
Concen: 43.978 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086168.D
Acq: 31 Mar 2025 14:17



Tgt Ion:180 Resp: 132405
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 33.6 17.7 53.1

