

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
 Data File : VN086313.D
 Acq On : 17 Apr 2025 11:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 05:11:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	194706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	355364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	147993	52.416	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.840%			
35) Dibromofluoromethane	8.159	113	84782	51.405	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.820%			
50) Toluene-d8	10.565	98	470740	53.405	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.800%			
62) 4-Bromofluorobenzene	12.847	95	171395	53.310	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	108146	46.855	ug/l	100
3) Chloromethane	2.359	50	148428	44.248	ug/l	99
4) Vinyl Chloride	2.512	62	144775	45.227	ug/l	99
5) Bromomethane	2.948	94	72718	50.503	ug/l	97
6) Chloroethane	3.112	64	93316	43.557	ug/l	98
7) Trichlorofluoromethane	3.500	101	161683	45.599	ug/l	100
8) Diethyl Ether	3.959	74	69457	44.870	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	95423	44.486	ug/l	98
10) Methyl Iodide	4.589	142	123696	52.452	ug/l	98
11) Tert butyl alcohol	5.518	59	117381	227.855	ug/l	100
12) 1,1-Dichloroethene	4.342	96	102438	44.700	ug/l	96
13) Acrolein	4.177	56	79384	335.636	ug/l	99
14) Allyl chloride	5.018	41	186321	45.736	ug/l	93
15) Acrylonitrile	5.712	53	293730	230.650	ug/l	100
16) Acetone	4.424	43	232254	237.641	ug/l	97
17) Carbon Disulfide	4.712	76	276541	40.302	ug/l	99
18) Methyl Acetate	5.018	43	142072	41.919	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	372805	44.255	ug/l	99
20) Methylene Chloride	5.277	84	116481	44.626	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	107950	45.056	ug/l	95
22) Diisopropyl ether	6.665	45	382442	43.154	ug/l	98
23) Vinyl Acetate	6.600	43	1352971	218.393	ug/l	100
24) 1,1-Dichloroethane	6.565	63	208874	44.670	ug/l	99
25) 2-Butanone	7.477	43	392044	223.078	ug/l	99
26) 2,2-Dichloropropane	7.488	77	187241	44.723	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	132427	44.533	ug/l	98
28) Bromochloromethane	7.812	49	104821	52.870	ug/l	97
29) Tetrahydrofuran	7.835	42	257358	218.990	ug/l	99
30) Chloroform	7.965	83	207915	45.264	ug/l	100
31) Cyclohexane	8.253	56	185333	40.505	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	178070	45.317	ug/l	99
36) 1,1-Dichloropropene	8.365	75	150213	45.599	ug/l	99
37) Ethyl Acetate	7.559	43	153122	44.151	ug/l	100
38) Carbon Tetrachloride	8.359	117	143800	45.838	ug/l	96
39) Methylcyclohexane	9.594	83	176223	45.007	ug/l	97
40) Benzene	8.600	78	482183	45.685	ug/l	99

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Quant Time: Apr 18 05:11:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/18/2025
 Supervised By : Mahesh Dadoda 04/18/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	87387	43.476	ug/l	97
42) 1,2-Dichloroethane	8.665	62	154961	46.041	ug/l	99
43) Isopropyl Acetate	8.682	43	292443	46.941	ug/l	99
44) Trichloroethene	9.347	130	117610	47.014	ug/l	98
45) 1,2-Dichloropropane	9.618	63	118562	45.891	ug/l	99
46) Dibromomethane	9.706	93	80282	48.771	ug/l	98
47) Bromodichloromethane	9.882	83	166807	46.918	ug/l	97
48) Methyl methacrylate	9.677	41	135297	44.424	ug/l	99
49) 1,4-Dioxane	9.694	88	49343	952.478	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	820255	230.969	ug/l	99
52) Toluene	10.629	92	304999	46.313	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	188456	47.486	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	198527	45.544	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	109495	46.211	ug/l	95
56) Ethyl methacrylate	10.871	69	198789	45.642	ug/l	99
57) 1,3-Dichloropropane	11.159	76	197924	47.080	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	582781	281.913	ug/l	100
59) 2-Hexanone	11.194	43	609621	231.429	ug/l	100
60) Dibromochloromethane	11.359	129	123863	47.605	ug/l	100
61) 1,2-Dibromoethane	11.465	107	113960	47.665	ug/l	100
64) Tetrachloroethene	11.100	164	113781	47.137	ug/l	98
65) Chlorobenzene	11.888	112	323842	46.243	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	108112	46.795	ug/l	100
67) Ethyl Benzene	11.959	91	578377	45.767	ug/l	99
68) m/p-Xylenes	12.065	106	433510	91.551	ug/l	99
69) o-Xylene	12.394	106	215546	46.029	ug/l	99
70) Styrene	12.406	104	371156	47.569	ug/l	100
71) Bromoform	12.576	173	82123	47.213	ug/l #	99
73) Isopropylbenzene	12.694	105	531032	44.677	ug/l	100
74) N-amyl acetate	12.488	43	245624	41.510	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	149057	43.615	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	154144m	44.954	ug/l	
77) Bromobenzene	12.976	156	121769	46.236	ug/l	99
78) n-propylbenzene	13.035	91	633240	45.212	ug/l	100
79) 2-Chlorotoluene	13.123	91	392811	44.820	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	441162	45.348	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	74209	51.976	ug/l	87
82) 4-Chlorotoluene	13.217	91	399209	45.854	ug/l	99
83) tert-Butylbenzene	13.435	119	377848	44.825	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	450303	45.473	ug/l	100
85) sec-Butylbenzene	13.612	105	541251	46.292	ug/l	100
86) p-Isopropyltoluene	13.729	119	457364	47.458	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	231988	46.858	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	229733	46.070	ug/l	99
89) n-Butylbenzene	14.053	91	417614	48.888	ug/l	99
90) Hexachloroethane	14.329	117	74407	45.901	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	222971	46.453	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32045	46.503	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	112385	48.897	ug/l	99
94) Hexachlorobutadiene	15.494	225	43936	50.639	ug/l	99
95) Naphthalene	15.635	128	380407	46.690	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	104419	47.986	ug/l	98

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

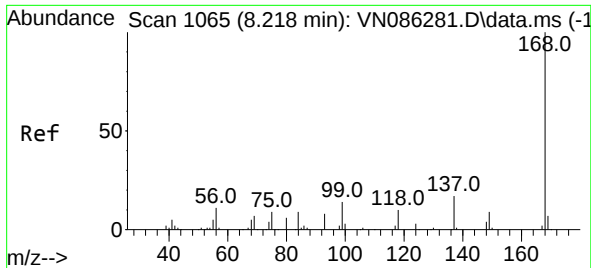
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 05:11:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

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



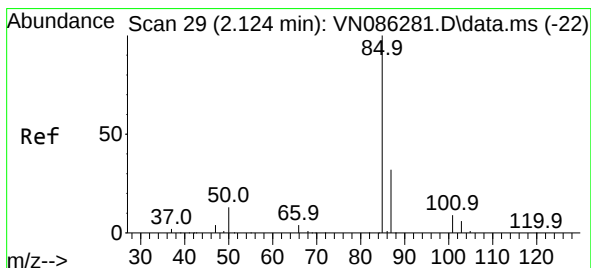
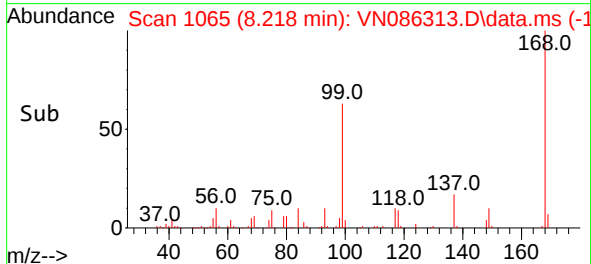
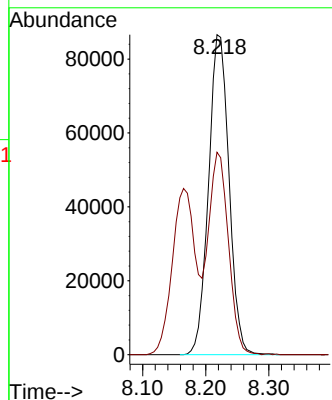
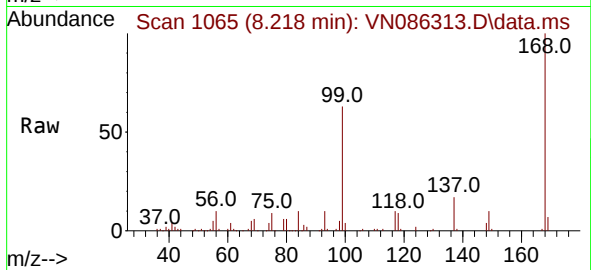
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 194700
Ion Ratio Lower Upper
168 100
99 63.3 52.5 78.7

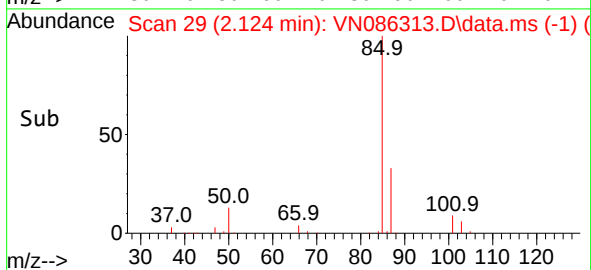
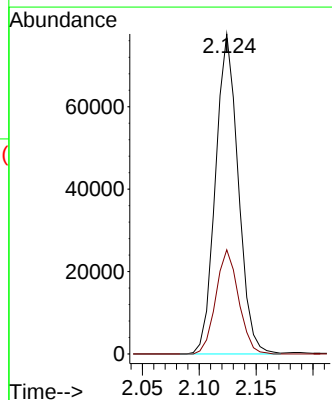
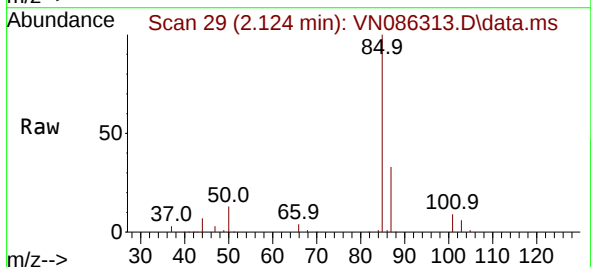
Manual Integrations
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Supervised By :Mahesh Dadoda 04/18/2025



#2
Dichlorodifluoromethane
Concen: 46.855 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

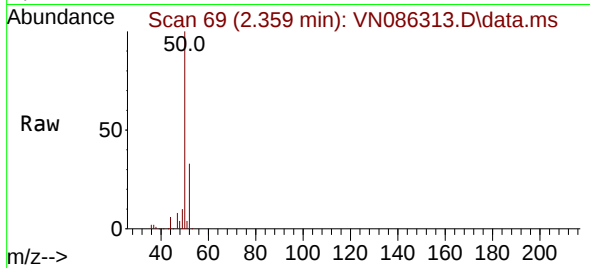
Tgt Ion: 85 Resp: 108146
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.8





#3
Chloromethane
Concen: 44.248 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

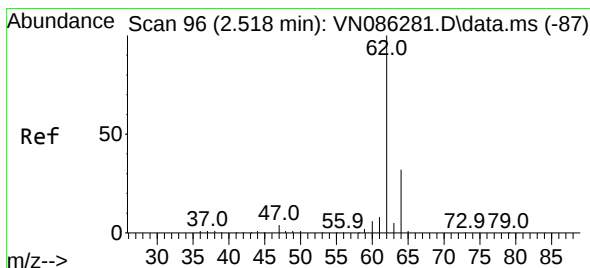
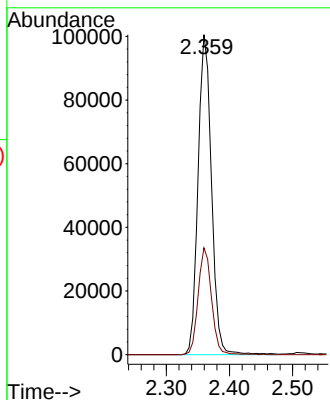
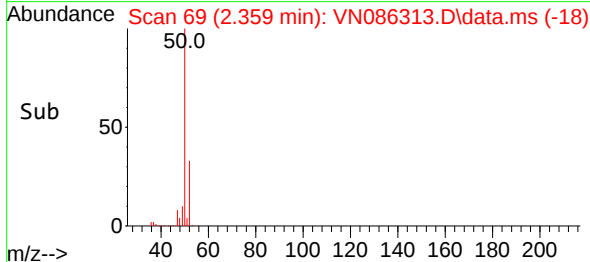
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 148428
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7

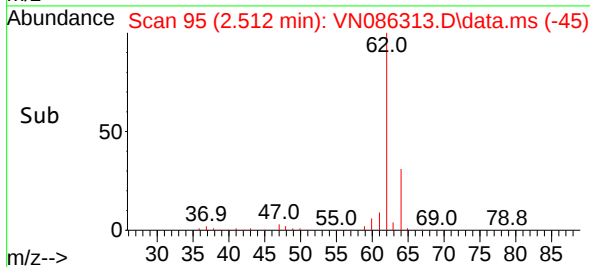
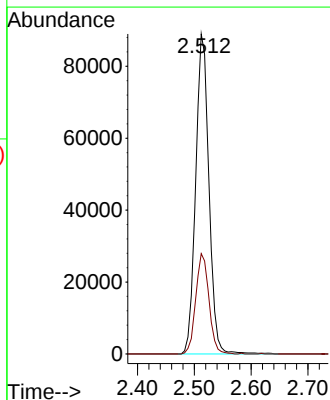
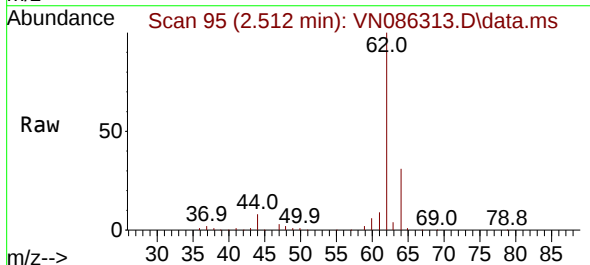
Manual Integrations
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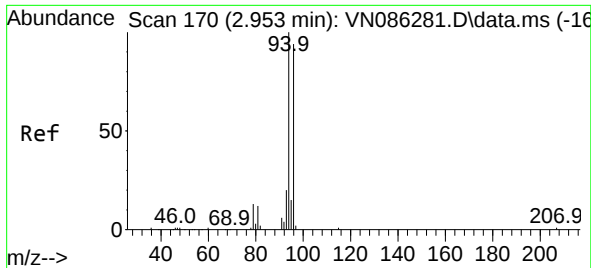
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#4
Vinyl Chloride
Concen: 45.227 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

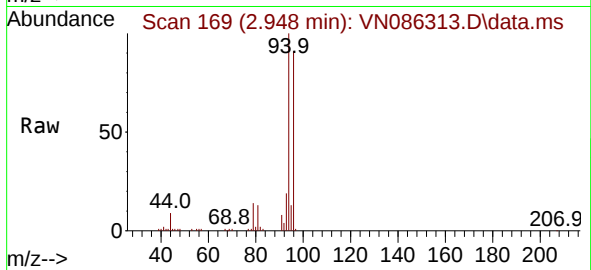
Tgt Ion: 62 Resp: 144775
Ion Ratio Lower Upper
62 100
64 31.4 25.6 38.4





#5
Bromomethane
Concen: 50.503 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

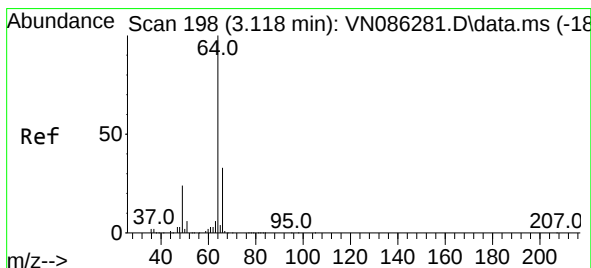
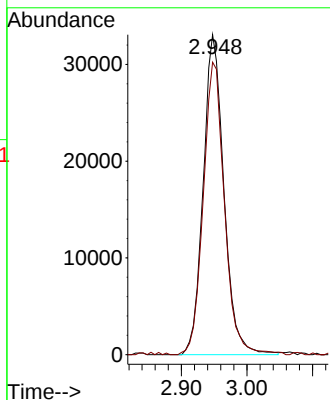
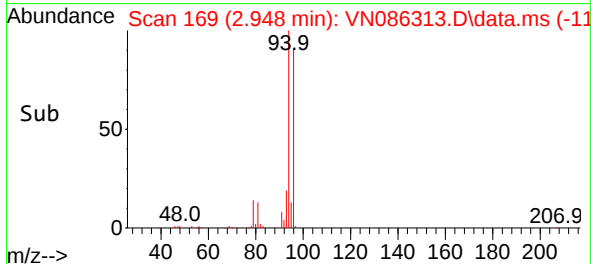
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 72718
Ion Ratio Lower Upper
94 100
96 91.4 75.2 112.8

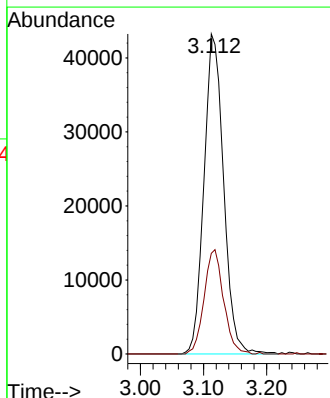
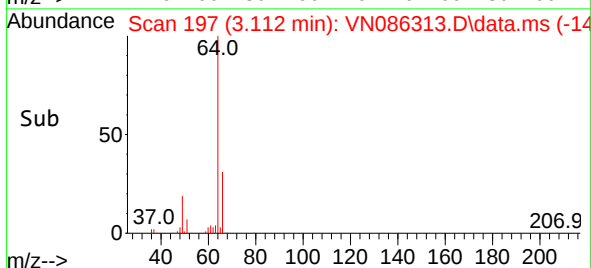
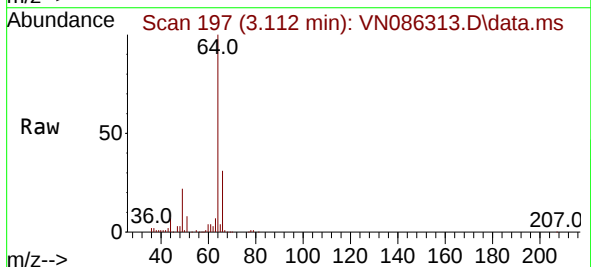
Manual Integrations
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#6
Chloroethane
Concen: 43.557 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

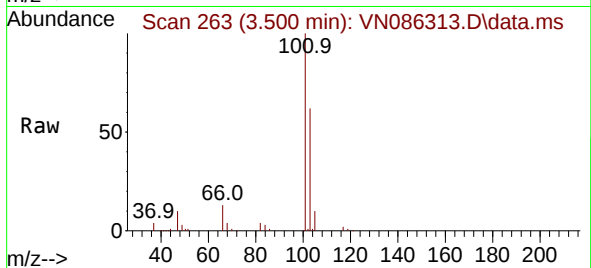
Tgt Ion: 64 Resp: 93316
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 45.599 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN086313.D
 Acq: 17 Apr 2025 11:19

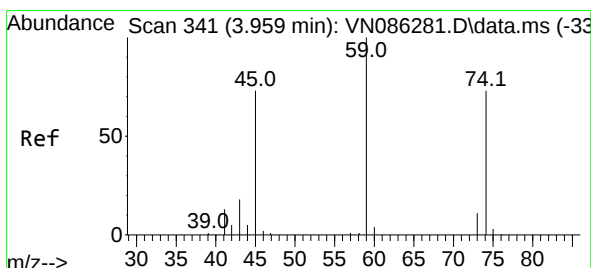
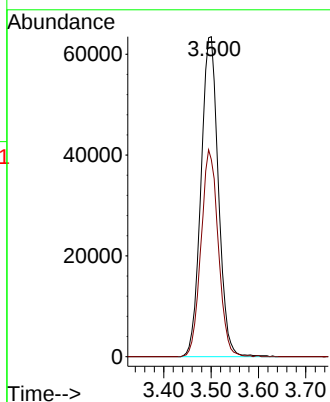
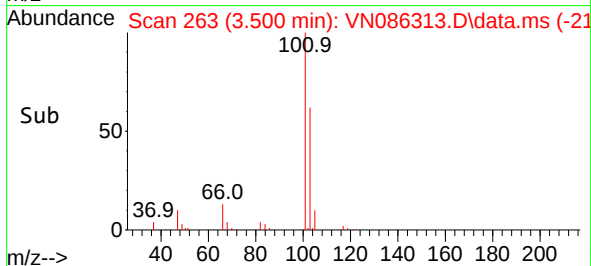
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 16168
 Ion Ratio Lower Upper
 101 100
 103 61.6 49.2 73.8

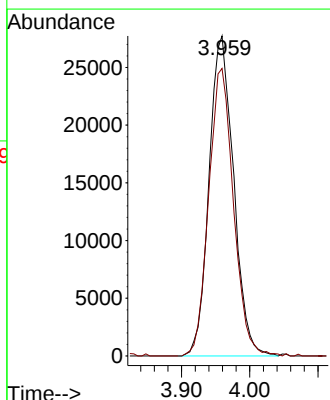
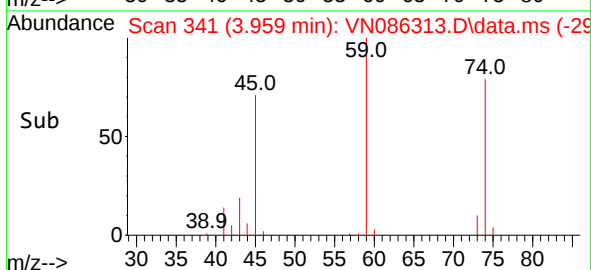
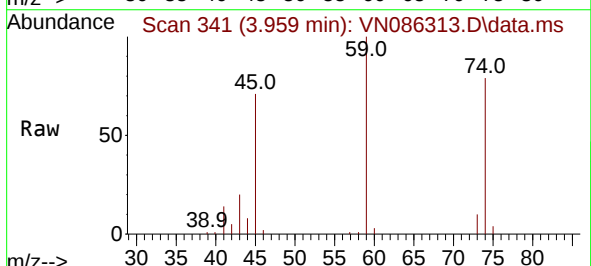
Manual Integrations
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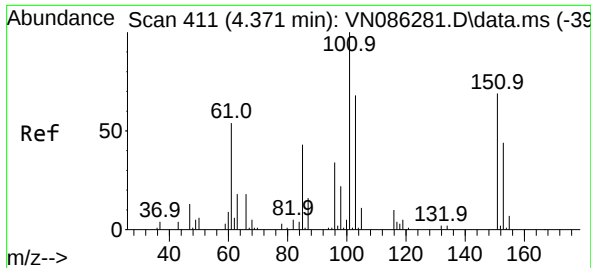
Reviewed By :John Carlone 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#8
 Diethyl Ether
 Concen: 44.870 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086313.D
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Tgt Ion: 74 Resp: 69457
 Ion Ratio Lower Upper
 74 100
 45 90.7 48.0 144.2





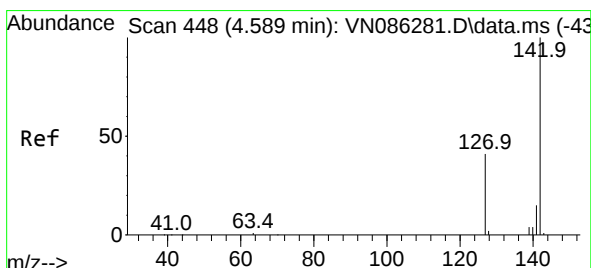
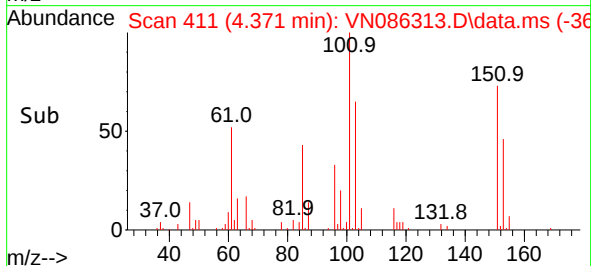
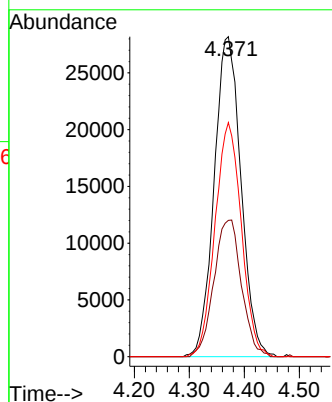
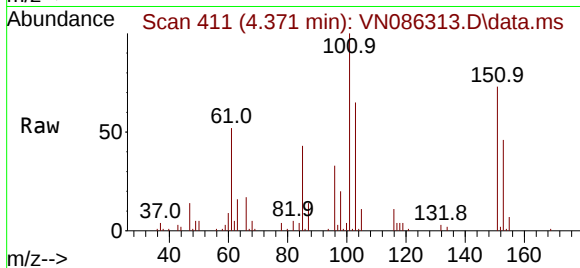
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.486 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 9542
Ion Ratio Lower Upper
101 100
85 43.9 34.7 52.1
151 71.9 56.1 84.1

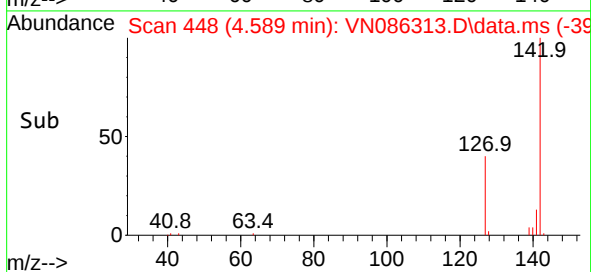
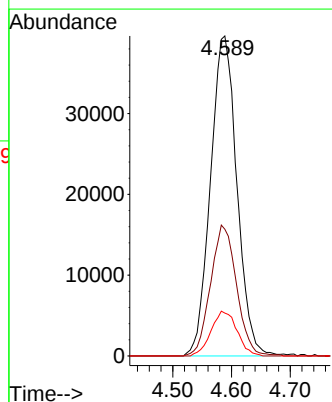
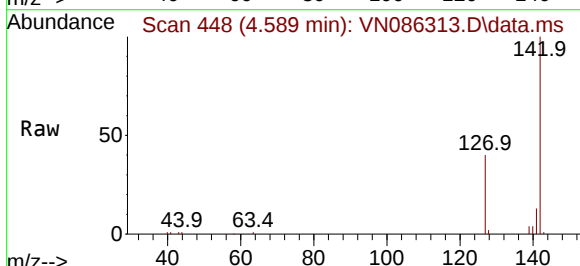
Manual Integrations
APPROVED

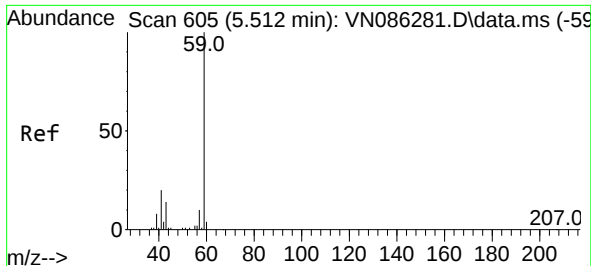
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#10
Methyl Iodide
Concen: 52.452 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

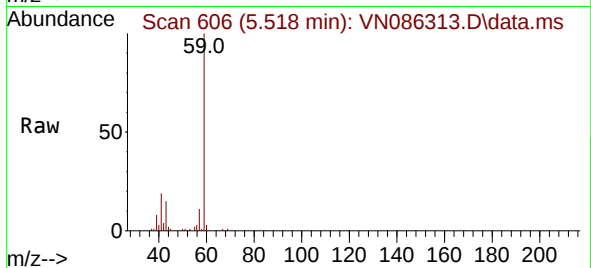
Tgt Ion:142 Resp: 123696
Ion Ratio Lower Upper
142 100
127 39.6 32.7 49.1
141 13.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 227.855 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

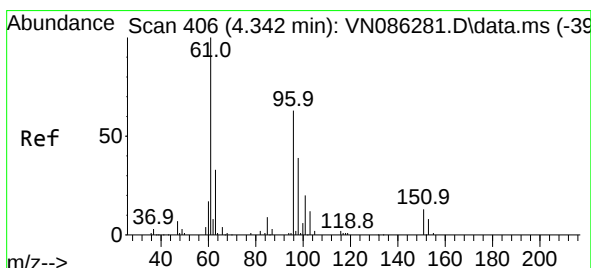
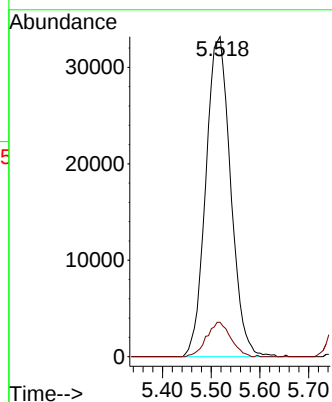
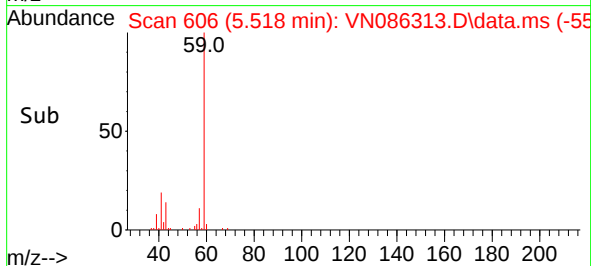
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



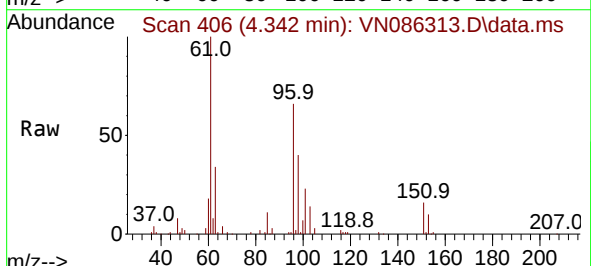
Tgt Ion: 59 Resp: 11738
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

Manual Integrations
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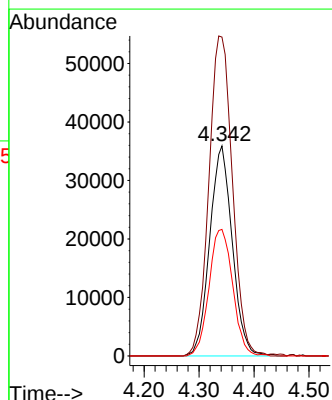
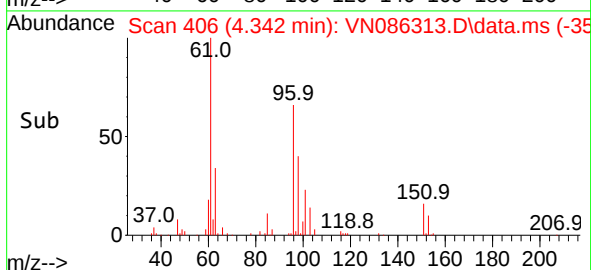
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#12
1,1-Dichloroethene
Concen: 44.700 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19



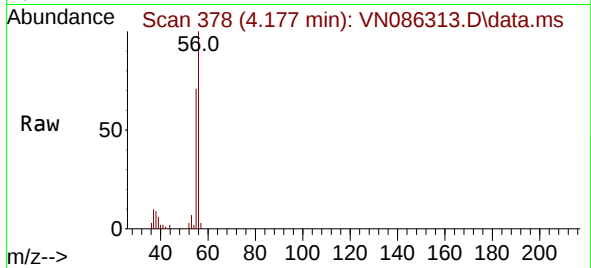
Tgt Ion: 96 Resp: 102438
Ion Ratio Lower Upper
96 100
61 151.8 126.6 189.8
98 60.2 49.6 74.4





#13
Acrolein
Concen: 335.636 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

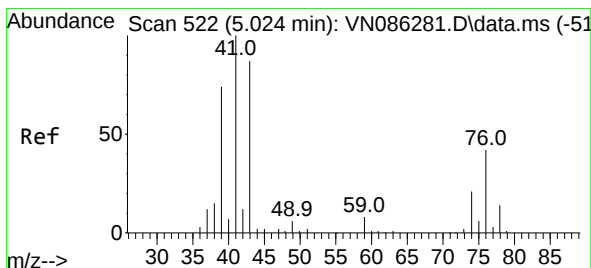
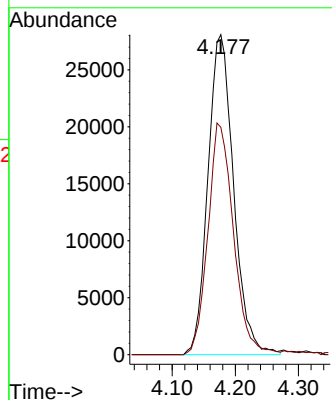
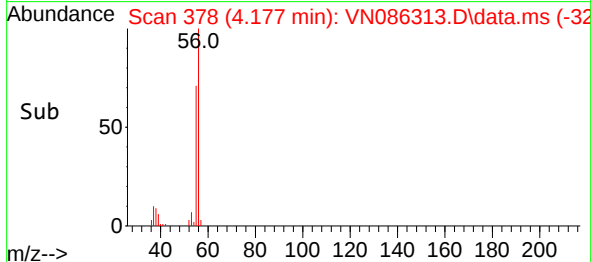
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



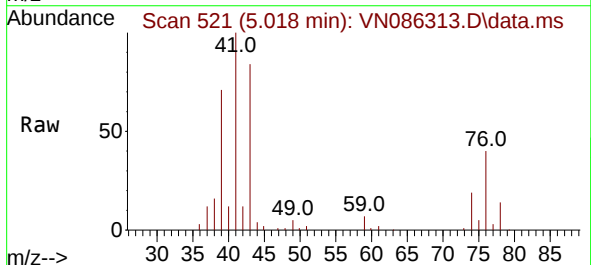
Tgt Ion: 56 Resp: 79384
Ion Ratio Lower Upper
56 100
55 72.0 58.5 87.7

Manual Integrations
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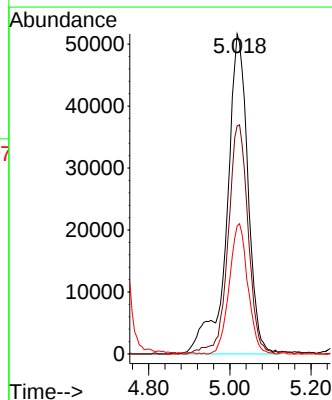
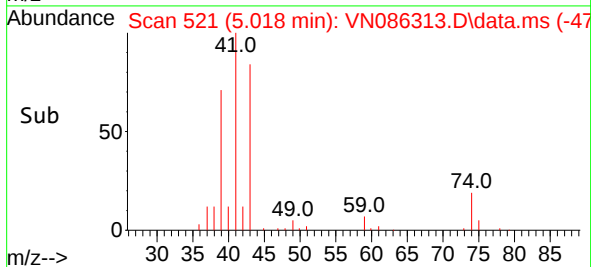
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#14
Allyl chloride
Concen: 45.736 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19



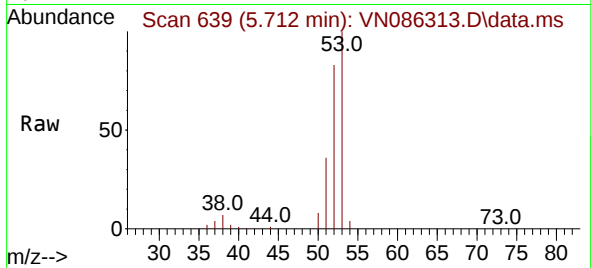
Tgt Ion: 41 Resp: 186321
Ion Ratio Lower Upper
41 100
39 67.9 59.2 88.8
76 35.8 31.2 46.8





#15
Acrylonitrile
Concen: 230.650 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

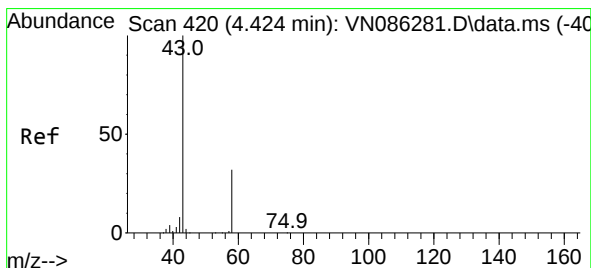
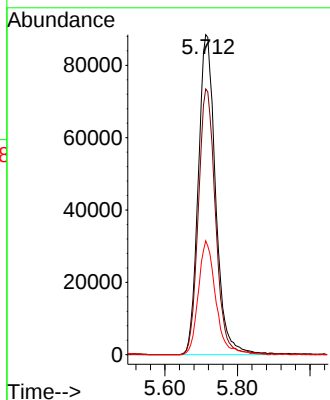
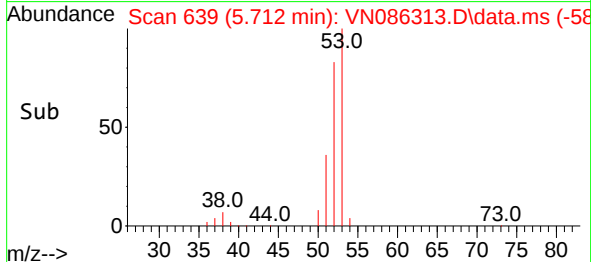
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 293730
Ion Ratio Lower Upper
53 100
52 82.2 65.5 98.3
51 35.8 28.6 42.8

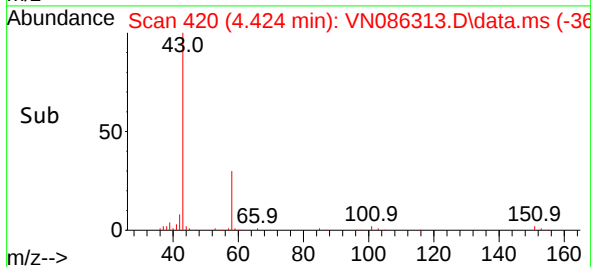
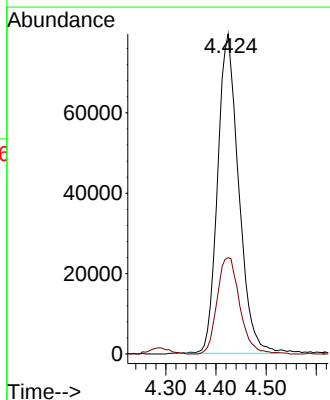
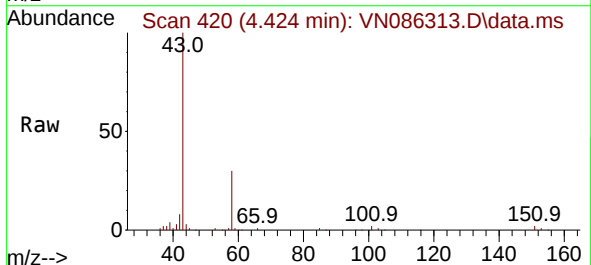
Manual Integrations
APPROVED

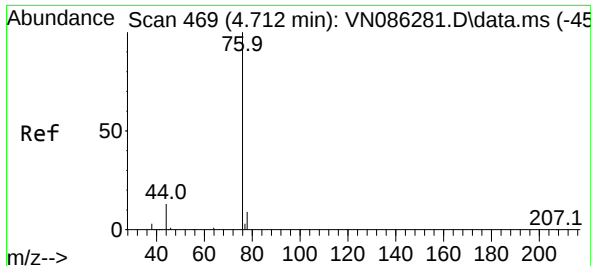
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#16
Acetone
Concen: 237.641 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

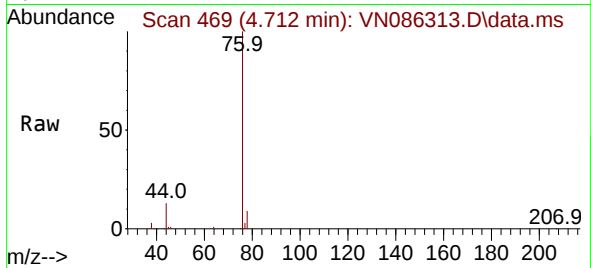
Tgt Ion: 43 Resp: 232254
Ion Ratio Lower Upper
43 100
58 29.8 25.3 37.9





#17
Carbon Disulfide
Concen: 40.302 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

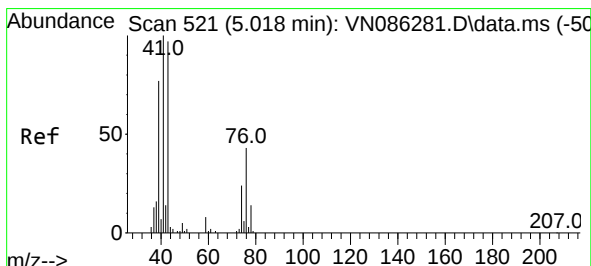
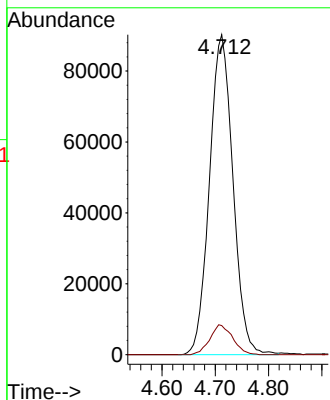
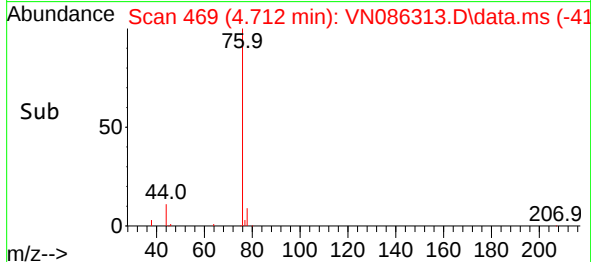
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 27654
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4

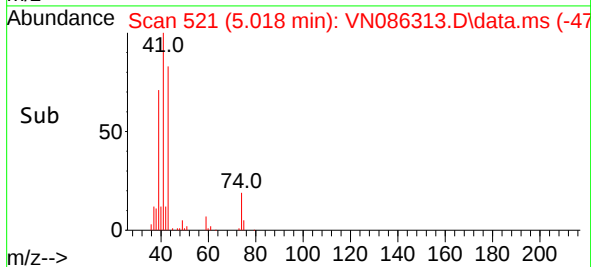
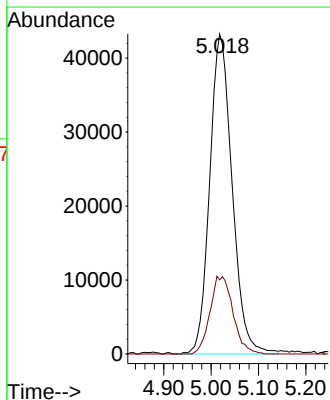
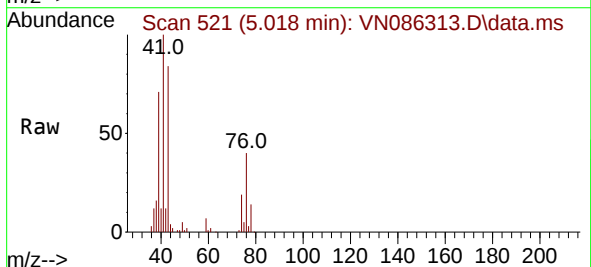
Manual Integrations
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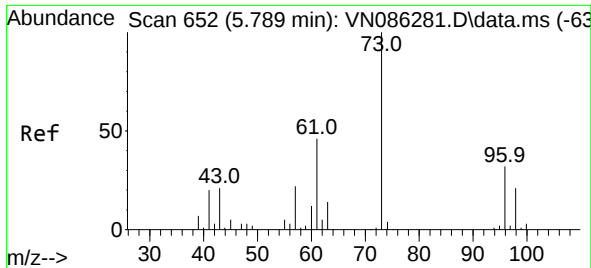
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#18
Methyl Acetate
Concen: 41.919 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Tgt Ion: 43 Resp: 142072
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.6





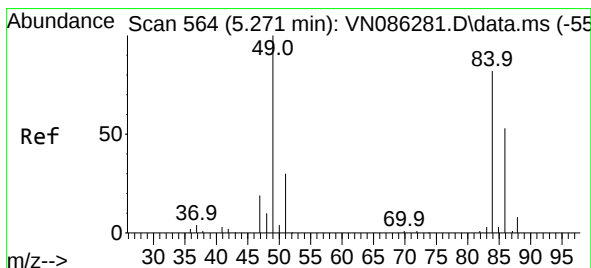
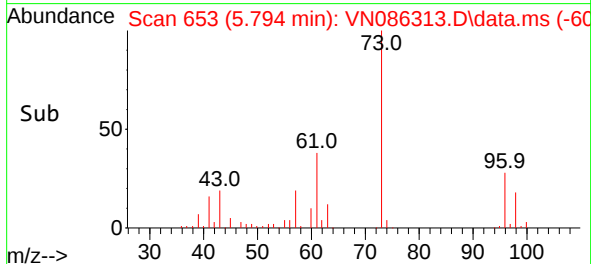
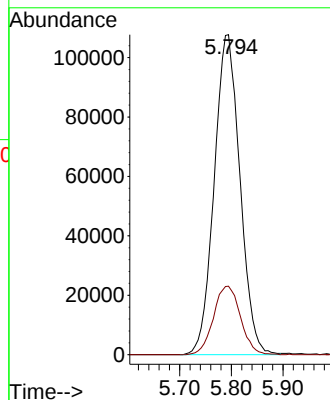
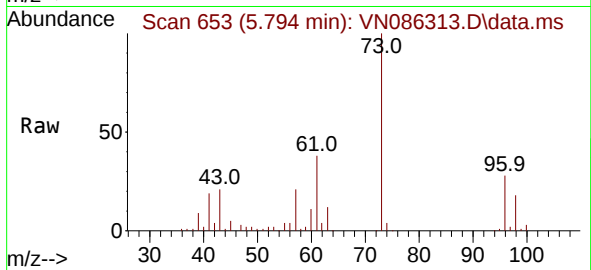
#19
Methyl tert-butyl Ether
Concen: 44.255 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 37280
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4

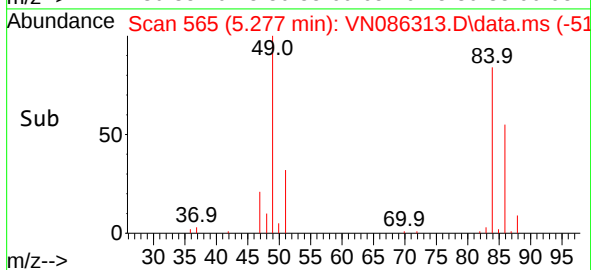
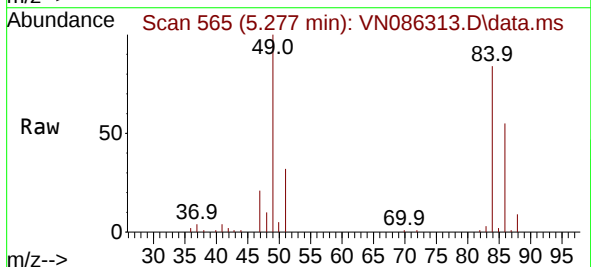
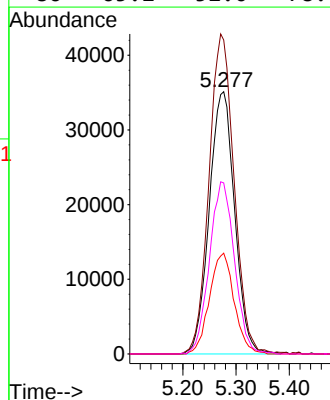
Manual Integrations
APPROVED

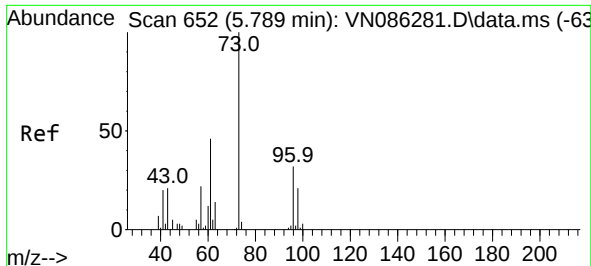
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#20
Methylene Chloride
Concen: 44.626 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

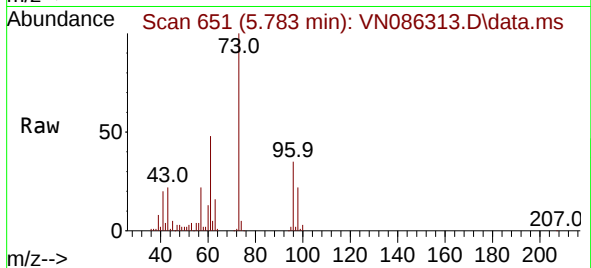
Tgt Ion: 84 Resp: 116481
Ion Ratio Lower Upper
84 100
49 119.7 98.2 147.2
51 38.4 29.8 44.6
86 65.2 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 45.056 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

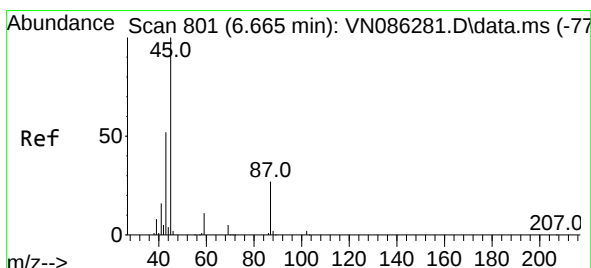
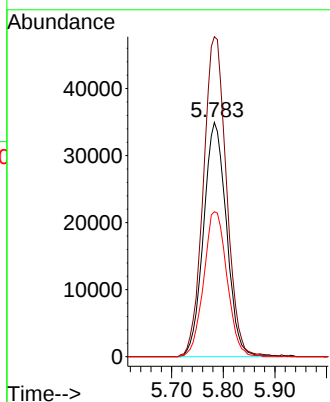
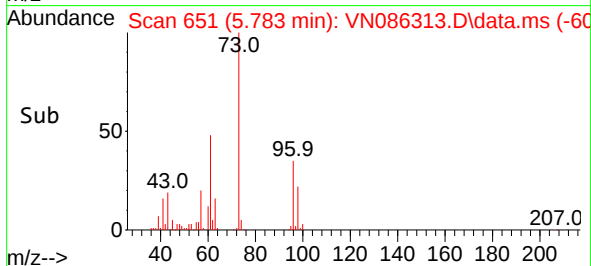
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 107950
Ion Ratio Lower Upper
96 100
61 136.6 114.6 171.8
98 61.9 51.2 76.8

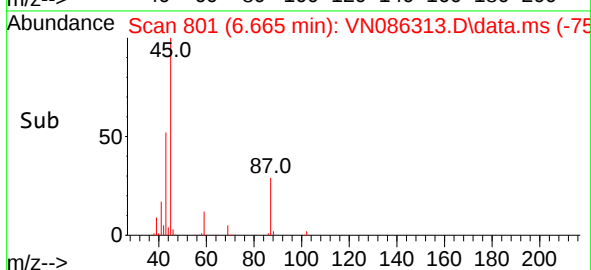
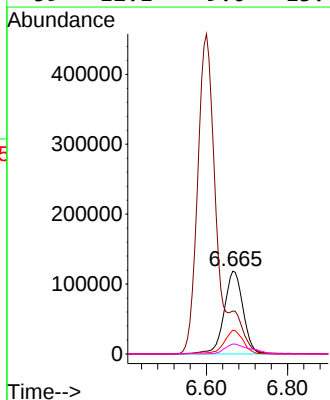
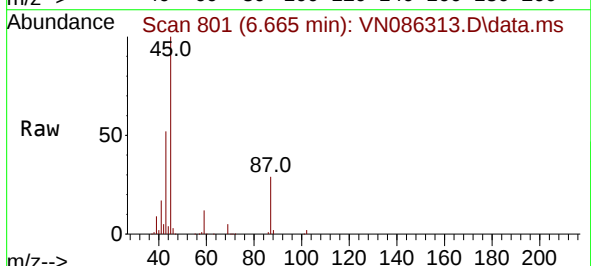
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#22
Diisopropyl ether
Concen: 43.154 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Tgt Ion: 45 Resp: 382442
Ion Ratio Lower Upper
45 100
43 51.6 41.8 62.8
87 28.6 21.6 32.4
59 12.1 9.0 13.4





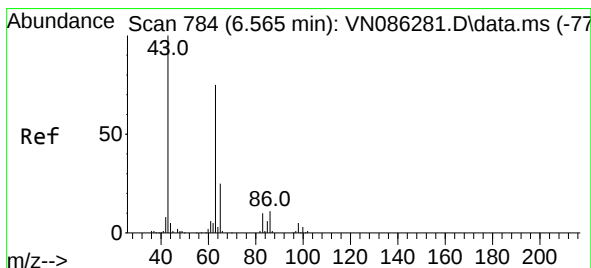
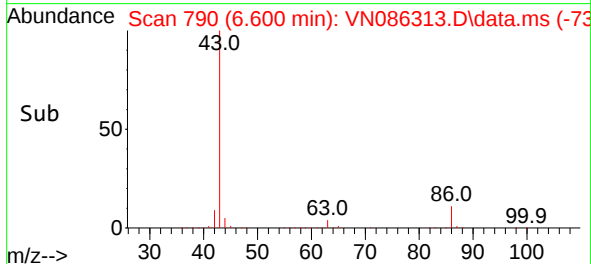
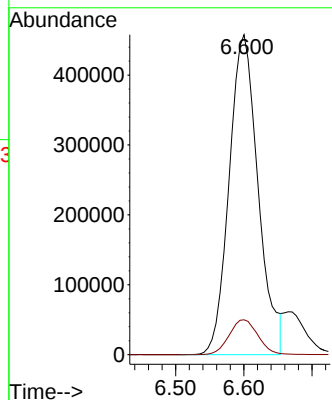
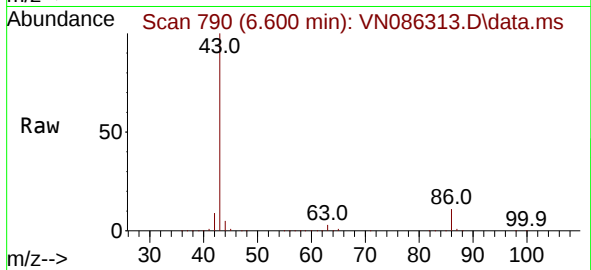
#23
 Vinyl Acetate
 Concen: 218.393 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086313.D
 Acq: 17 Apr 2025 11:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 135297
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0

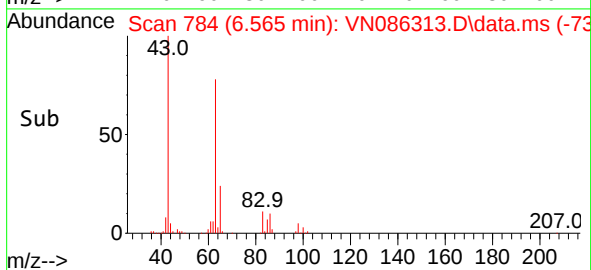
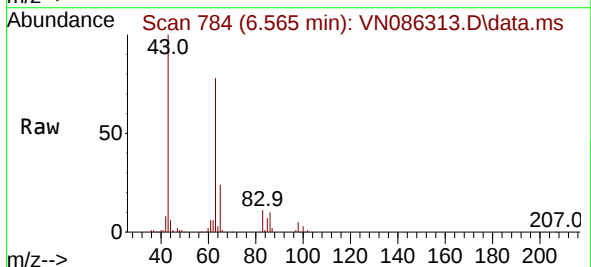
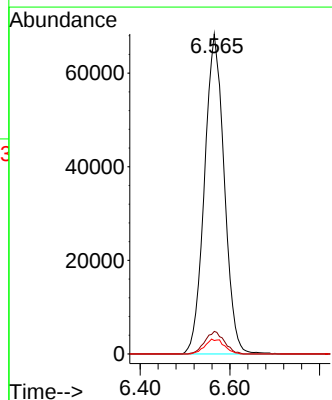
Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#24
 1,1-Dichloroethane
 Concen: 44.670 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086313.D
 Acq: 17 Apr 2025 11:19

Tgt Ion: 63 Resp: 208874
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.2 2.1 6.5





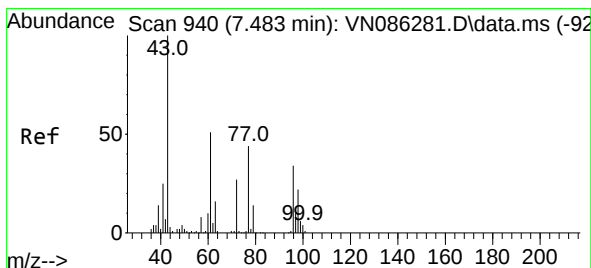
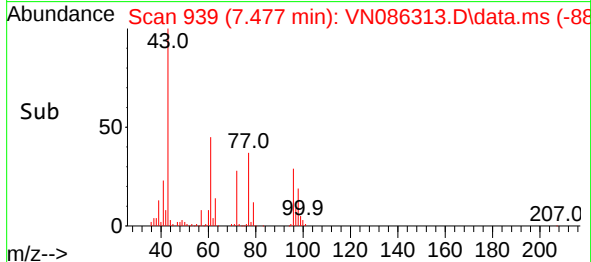
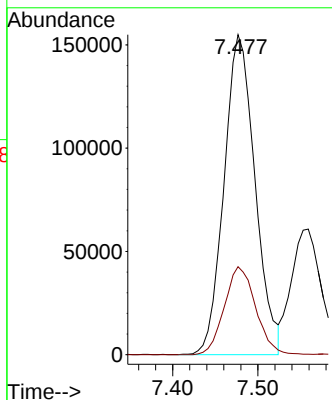
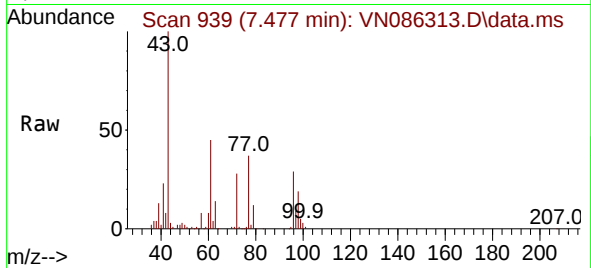
#25
2-Butanone
Concen: 223.078 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 392044
Ion Ratio Lower Upper
43 100
72 27.5 21.7 32.5

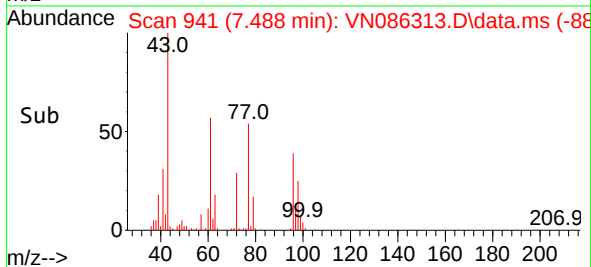
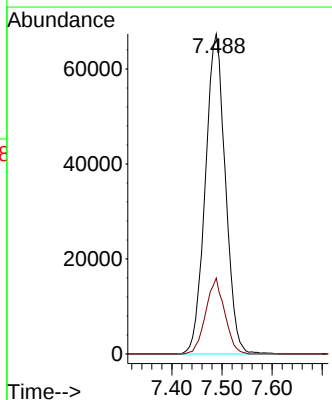
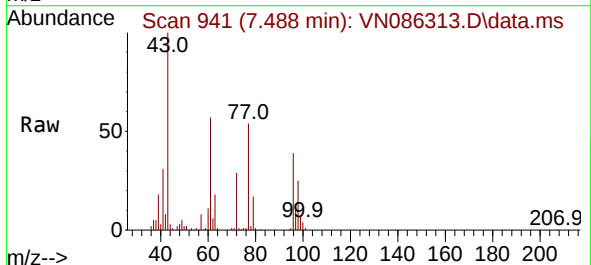
Manual Integrations
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Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#26
2,2-Dichloropropane
Concen: 44.723 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

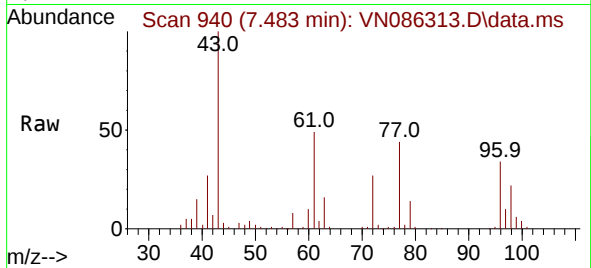
Tgt Ion: 77 Resp: 187241
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 44.533 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086313.D
 Acq: 17 Apr 2025 11:19

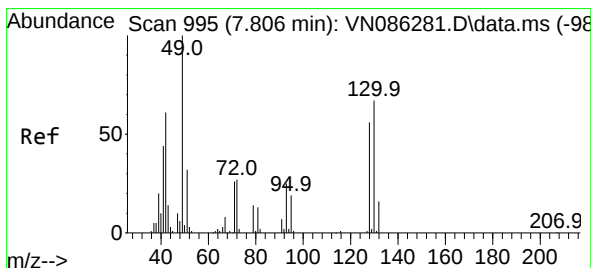
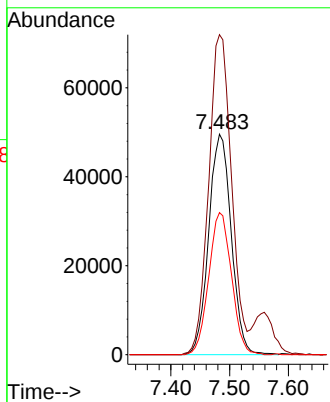
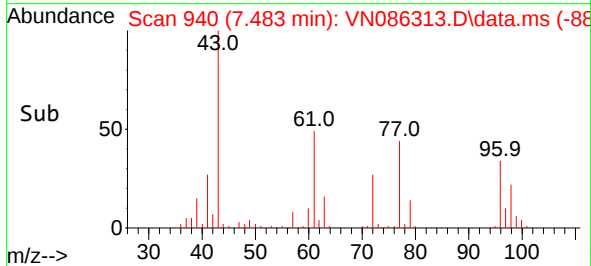
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



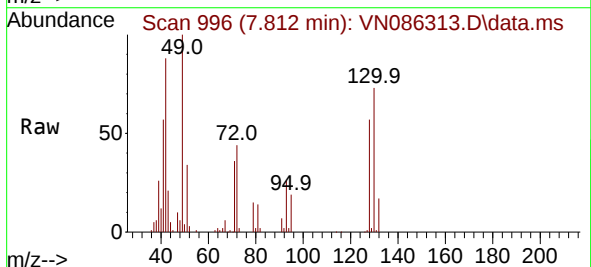
Tgt Ion: 96 Resp: 13242
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 299.0
 98 64.7 0.0 129.6

Manual Integrations
 APPROVED

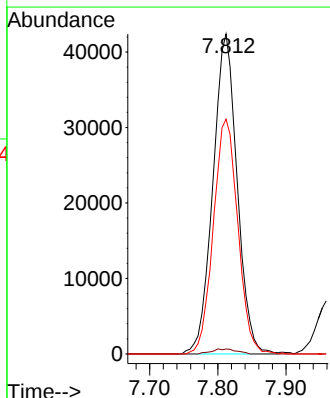
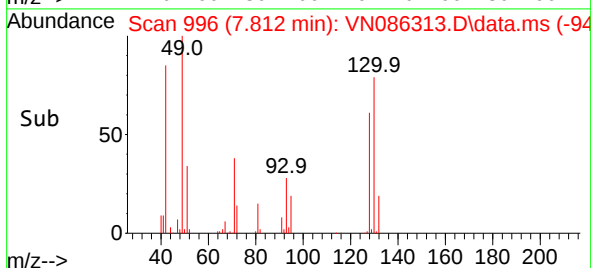
Reviewed By :John Carlone 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#28
 Bromochloromethane
 Concen: 52.870 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086313.D
 Acq: 17 Apr 2025 11:19



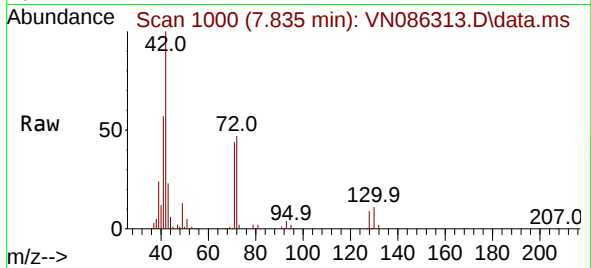
Tgt Ion: 49 Resp: 104821
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 74.1 57.1 85.7





#29
Tetrahydrofuran
Concen: 218.990 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

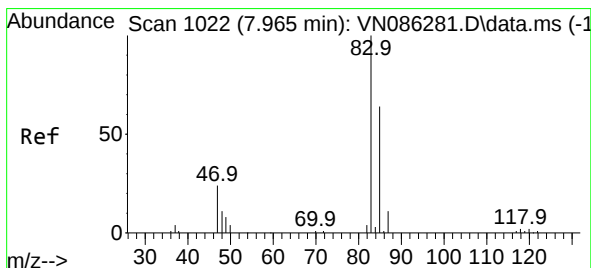
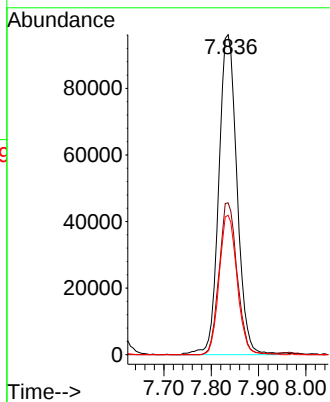
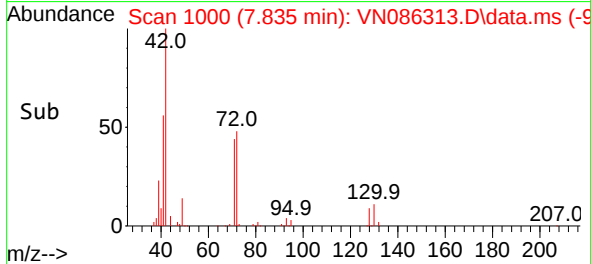
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 257358
Ion Ratio Lower Upper
42 100
72 47.0 36.2 54.4
71 42.7 34.0 51.0

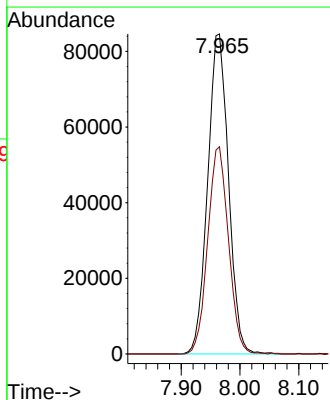
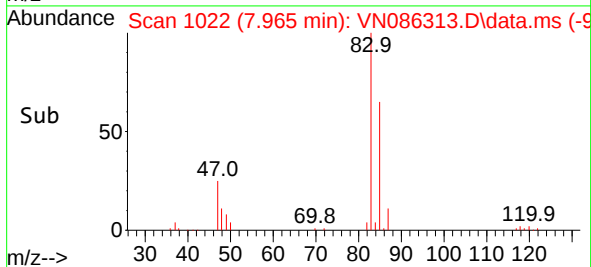
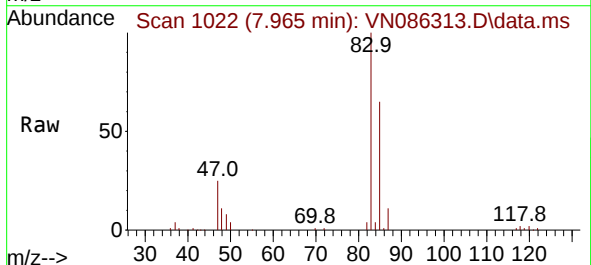
Manual Integrations
APPROVED

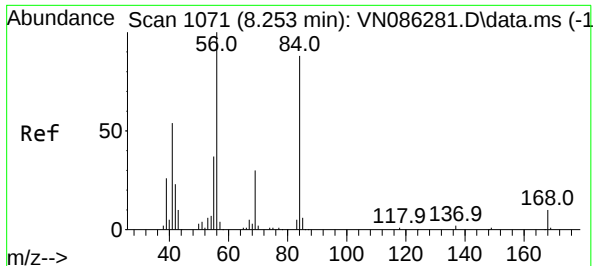
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#30
Chloroform
Concen: 45.264 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

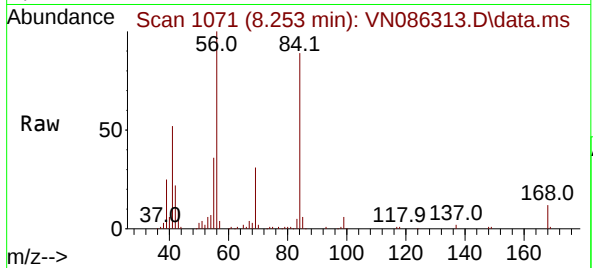
Tgt Ion: 83 Resp: 207915
Ion Ratio Lower Upper
83 100
85 64.8 51.5 77.3





#31
Cyclohexane
Concen: 40.505 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

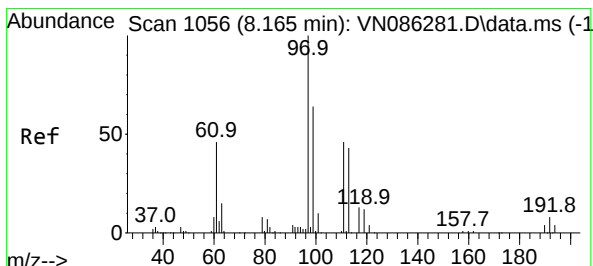
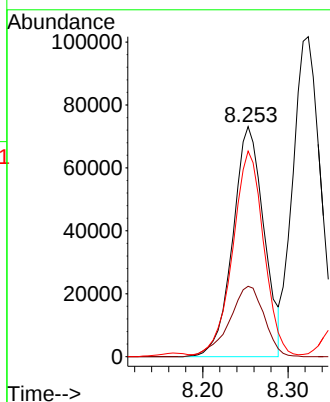
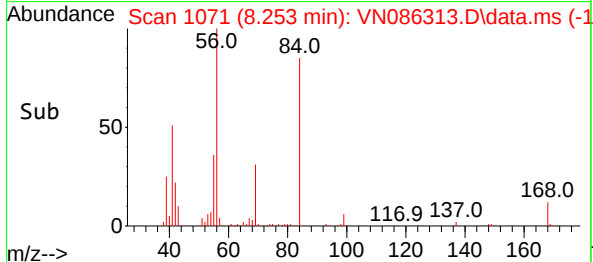
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



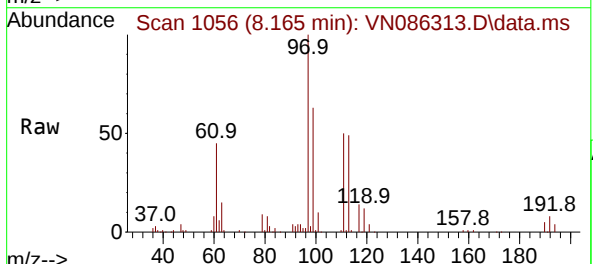
Tgt Ion: 56 Resp: 18533
Ion Ratio Lower Upper
56 100
69 30.6 24.2 36.2
84 87.9 70.3 105.5

Manual Integrations
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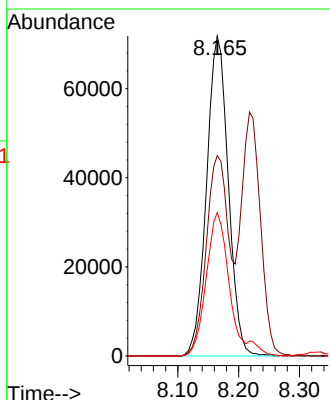
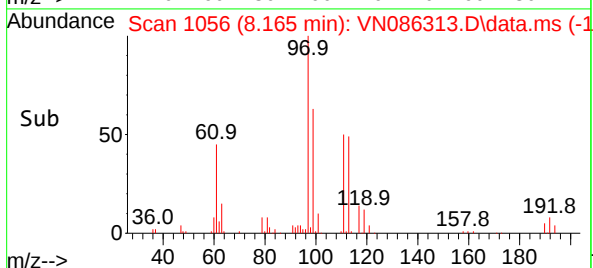
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#32
1,1,1-Trichloroethane
Concen: 45.317 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19



Tgt Ion: 97 Resp: 178070
Ion Ratio Lower Upper
97 100
99 66.0 52.7 79.1
61 48.5 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 52.416 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086313.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 147993

Ion Ratio Lower Upper

65 100

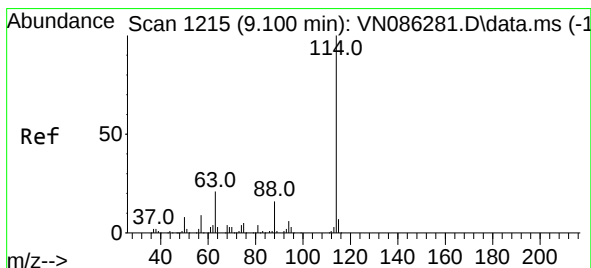
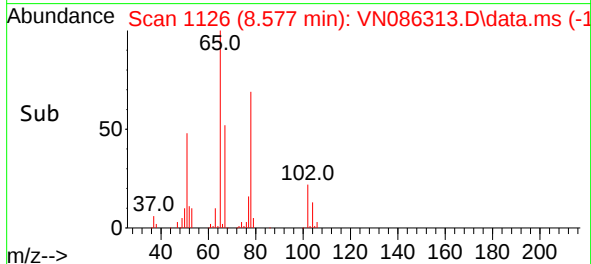
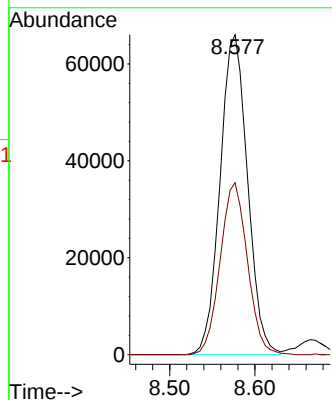
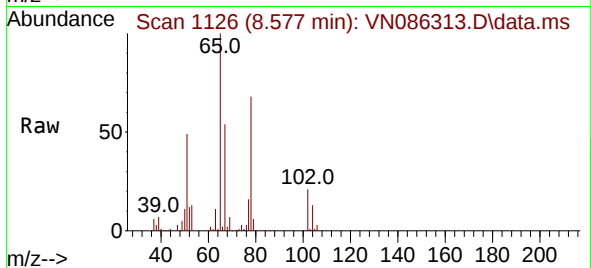
67 53.3 0.0 106.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086313.D

Acq: 17 Apr 2025 11:19

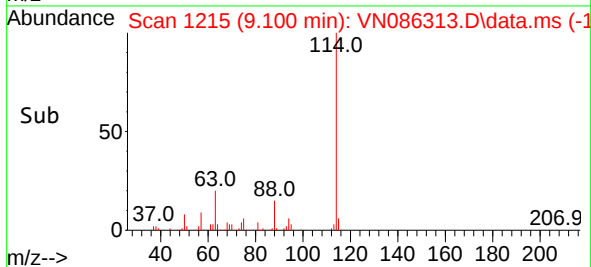
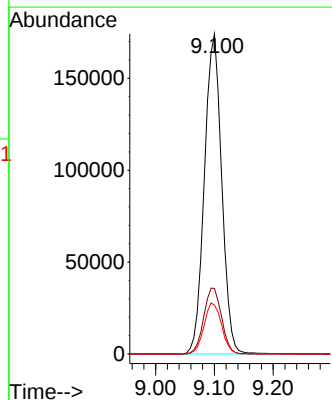
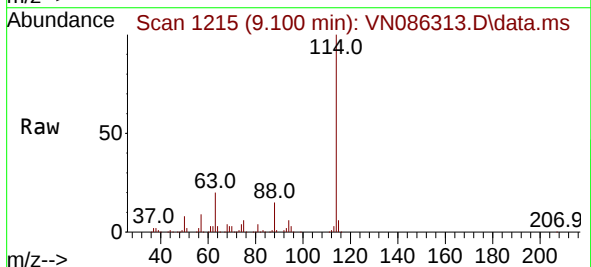
Tgt Ion:114 Resp: 355364

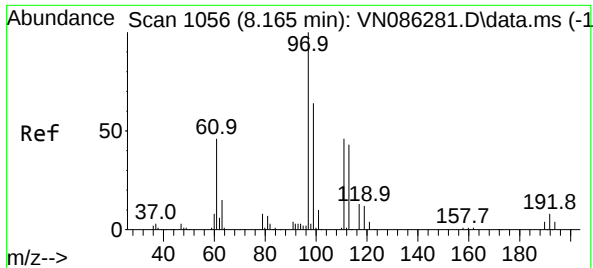
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

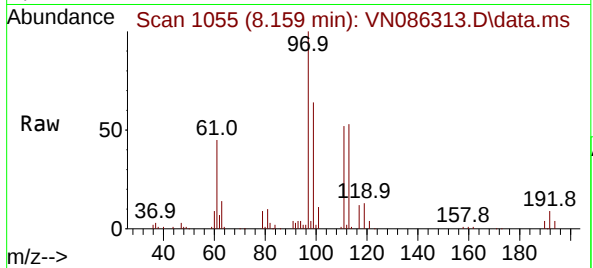
88 15.2 0.0 31.8





#35
Dibromofluoromethane
Concen: 51.405 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

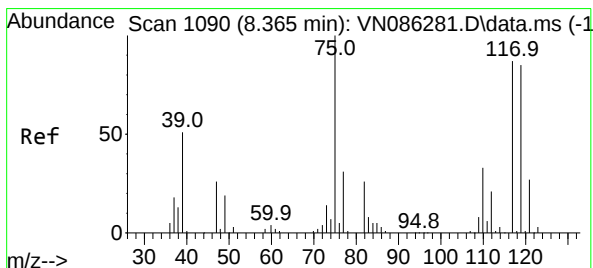
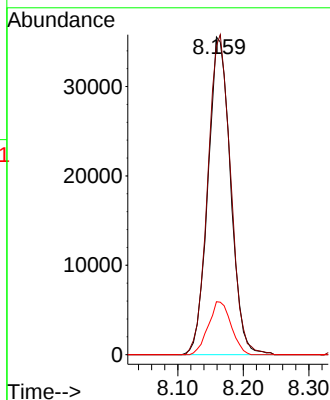
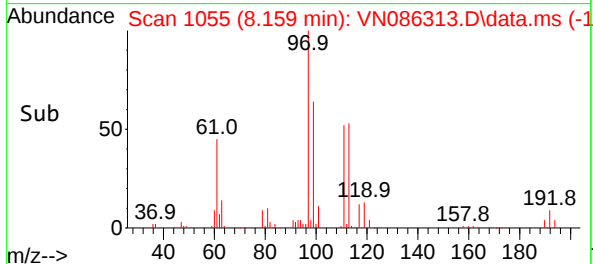
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



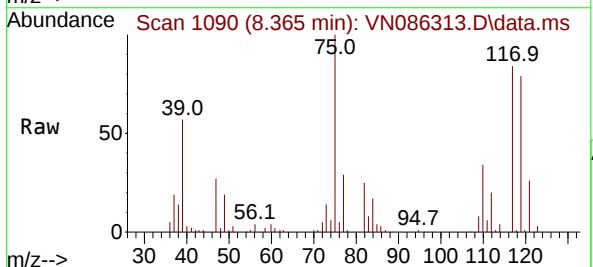
Tgt Ion: 113 Resp: 8478
Ion Ratio Lower Upper
113 100
111 101.8 83.4 125.0
192 16.8 13.7 20.5

Manual Integrations
APPROVED

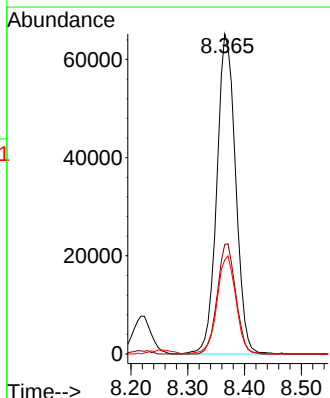
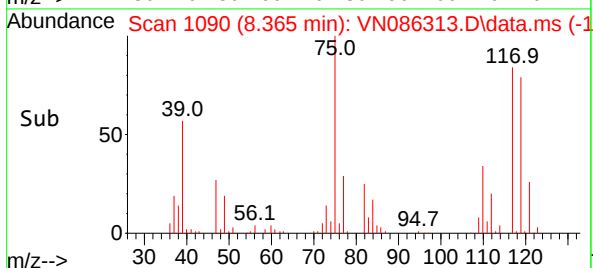
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

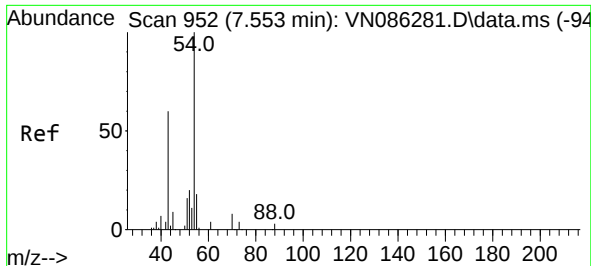


#36
1,1-Dichloropropene
Concen: 45.599 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19



Tgt Ion: 75 Resp: 150213
Ion Ratio Lower Upper
75 100
110 33.8 16.8 50.4
77 30.7 24.9 37.3





#37

Ethyl Acetate

Concen: 44.151 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086313.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 15312

Ion Ratio Lower Upper

43 100

61 14.0 11.1 16.7

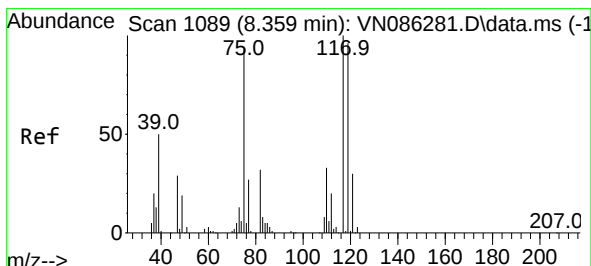
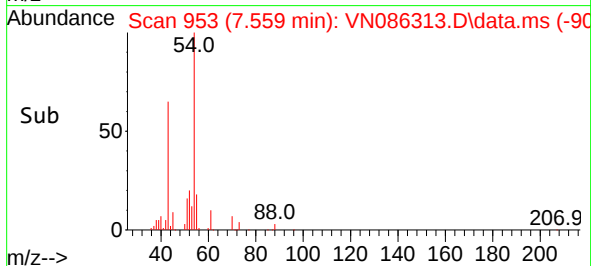
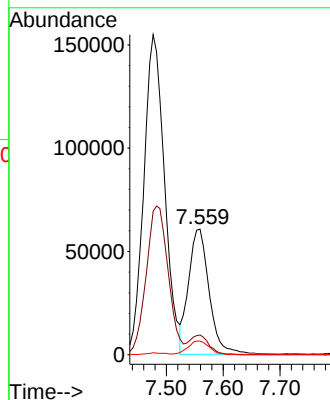
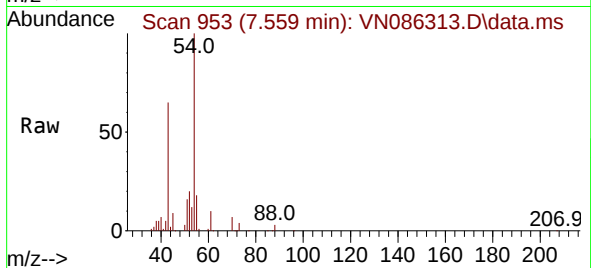
70 11.4 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#38

Carbon Tetrachloride

Concen: 45.838 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN086313.D

Acq: 17 Apr 2025 11:19

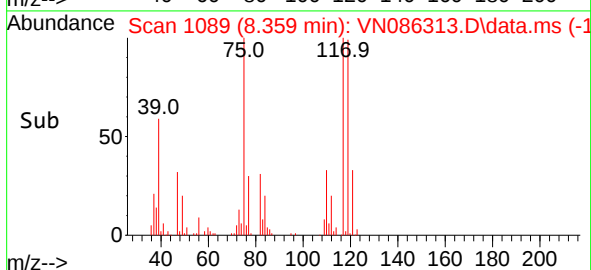
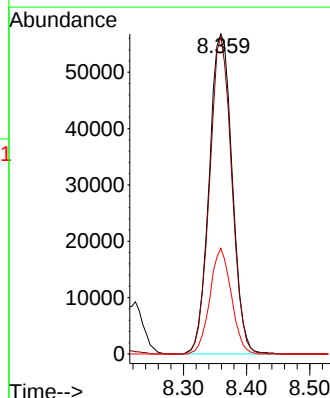
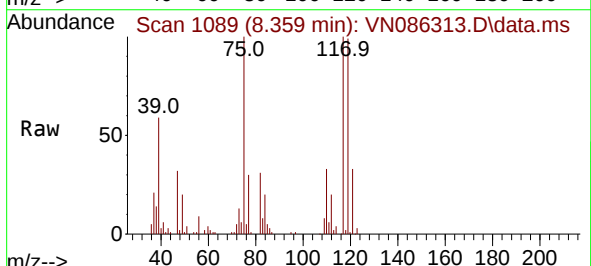
Tgt Ion:117 Resp: 143800

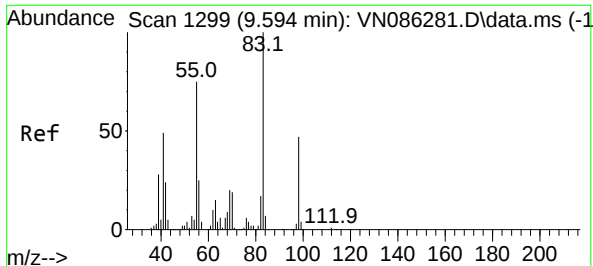
Ion Ratio Lower Upper

117 100

119 99.2 76.8 115.2

121 33.0 23.8 35.8





#39

Methylcyclohexane

Concen: 45.007 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VN086313.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

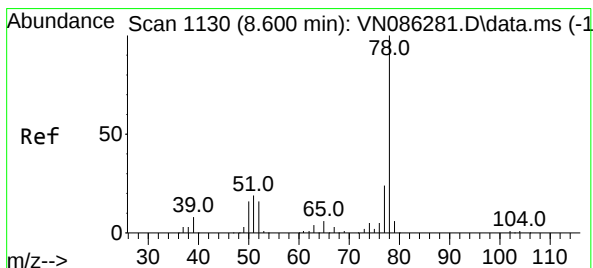
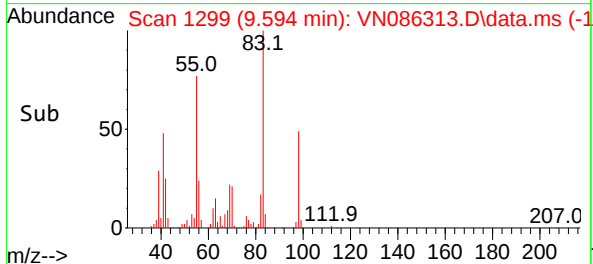
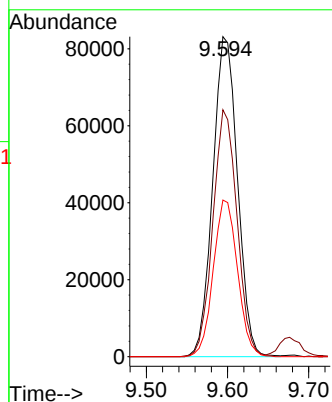
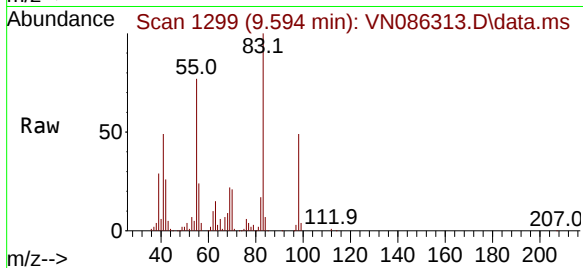
Tgt Ion:	83	Resp:	17622
Ion Ratio	Lower	Upper	
83	100		
55	77.1	59.8	89.8
98	48.9	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#40

Benzene

Concen: 45.685 ug/l

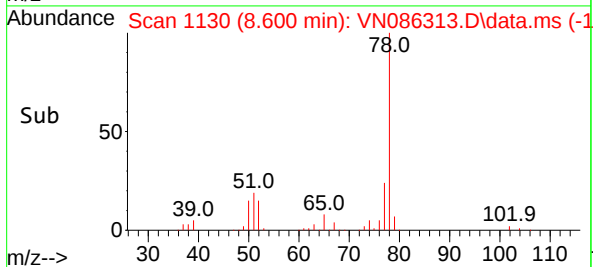
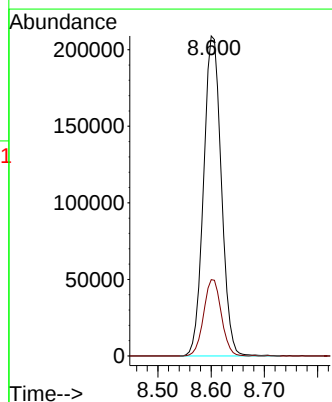
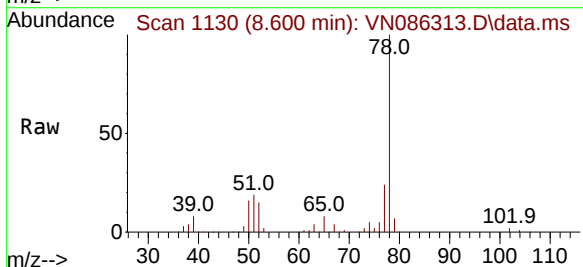
RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086313.D

Acq: 17 Apr 2025 11:19

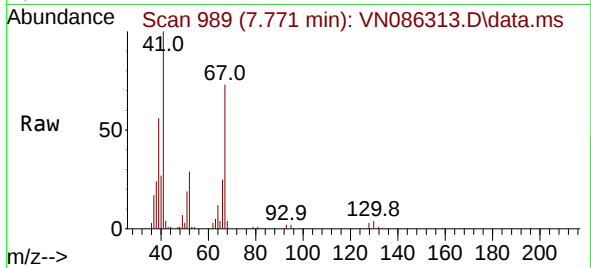
Tgt Ion:	78	Resp:	482183
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.4	29.2





#41
Methacrylonitrile
Concen: 43.476 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

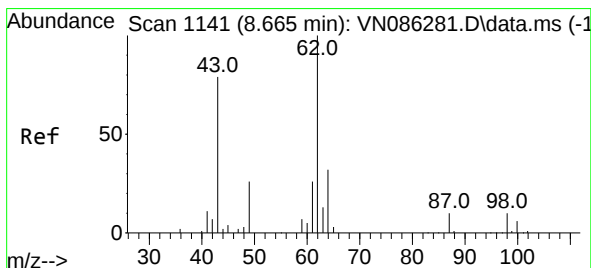
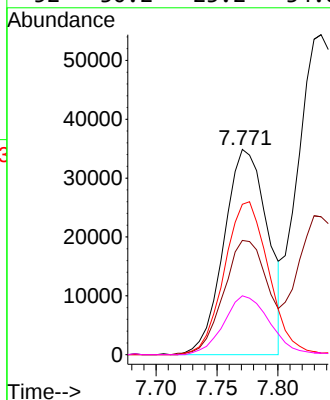
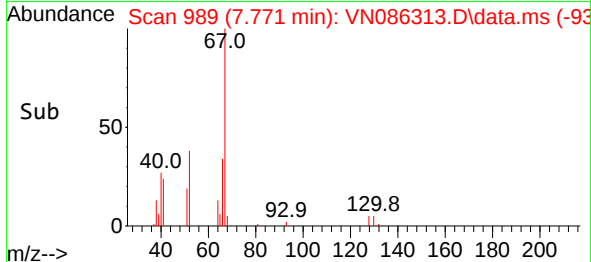
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	8738
Ion Ratio	100	Lower	Upper
39	55.9	43.0	64.4
67	75.4	58.8	88.2
52	30.2	23.2	34.8

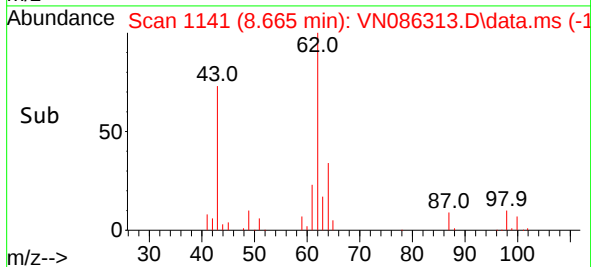
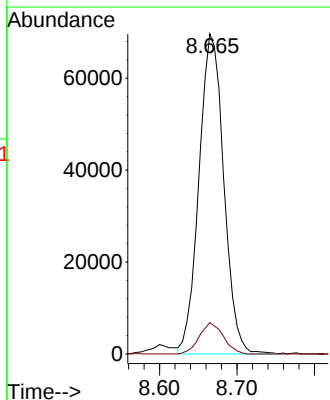
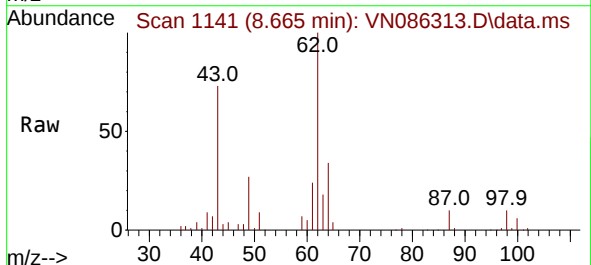
Manual Integrations
APPROVED

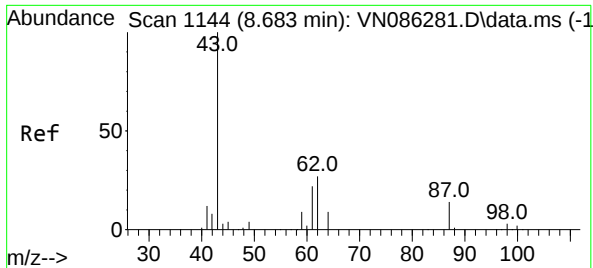
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#42
1,2-Dichloroethane
Concen: 46.041 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Tgt Ion:	62	Resp:	154961
Ion Ratio	100	Lower	Upper
98	9.4	0.0	19.2





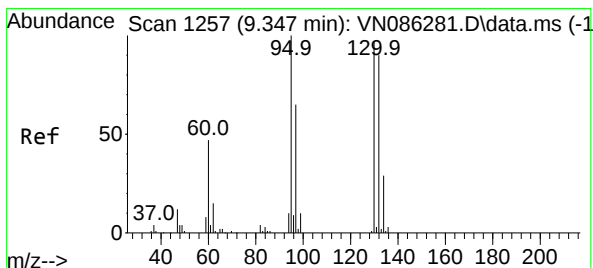
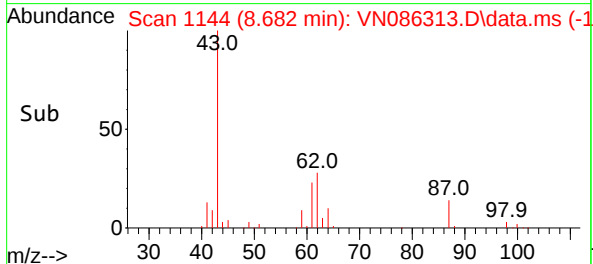
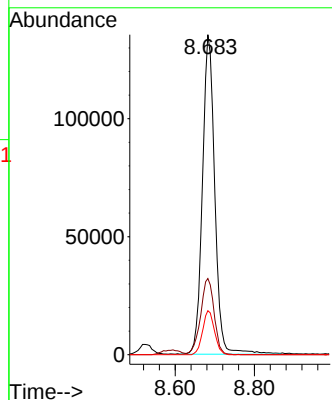
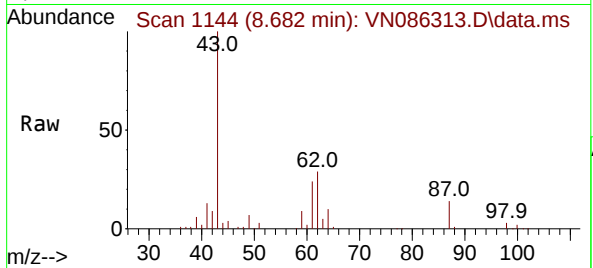
#43
Isopropyl Acetate
Concen: 46.941 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 29244
Ion Ratio Lower Upper
43 100
61 26.0 20.5 30.7
87 13.2 10.5 15.7

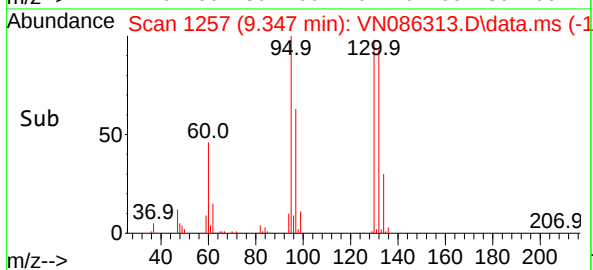
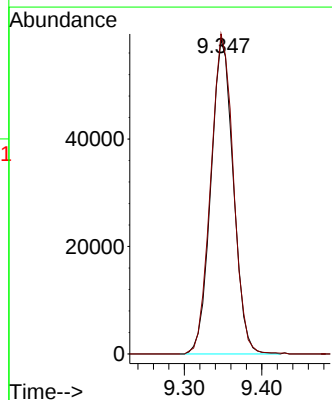
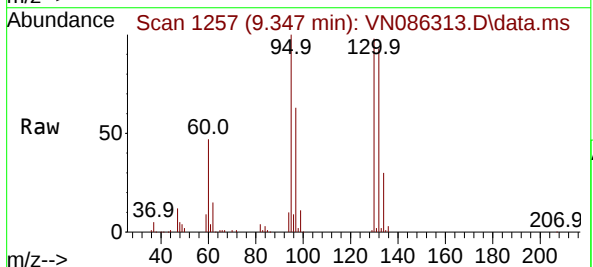
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#44
Trichloroethene
Concen: 47.014 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Tgt Ion:130 Resp: 117610
Ion Ratio Lower Upper
130 100
95 101.9 0.0 207.2





#45

1,2-Dichloropropane

Concen: 45.891 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086313.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 11856

Ion Ratio Lower Upper

63 100

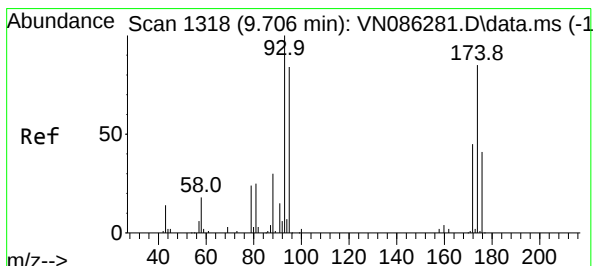
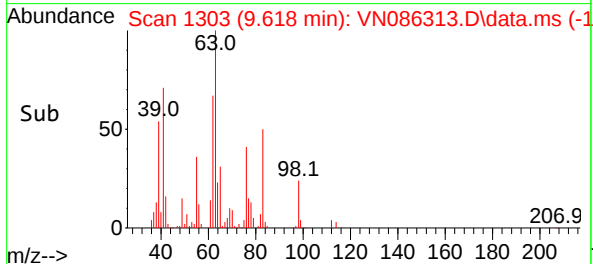
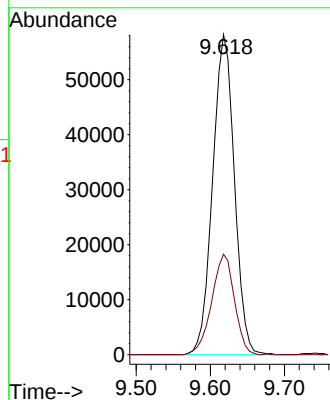
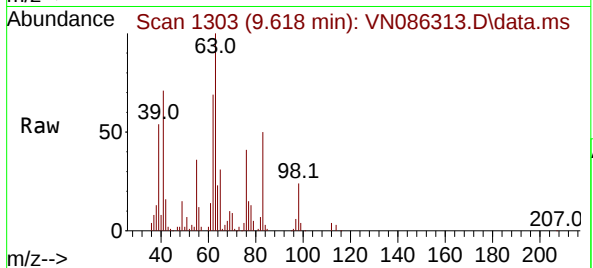
65 31.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#46

Dibromomethane

Concen: 48.771 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086313.D

Acq: 17 Apr 2025 11:19

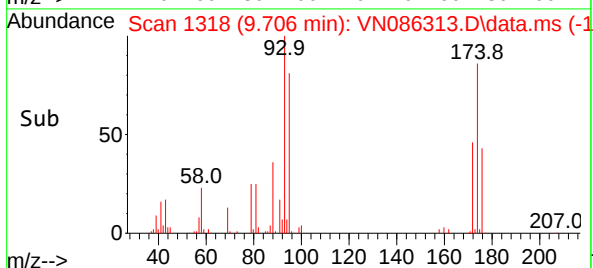
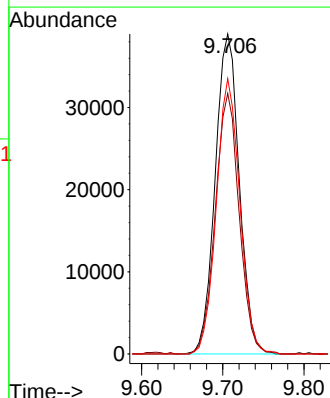
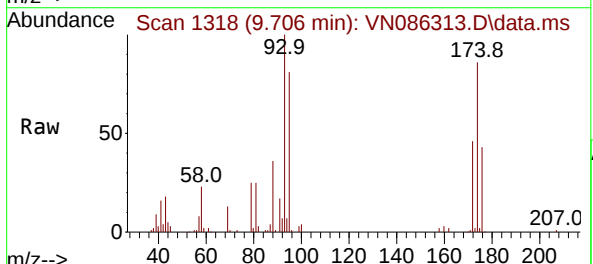
Tgt Ion: 93 Resp: 80282

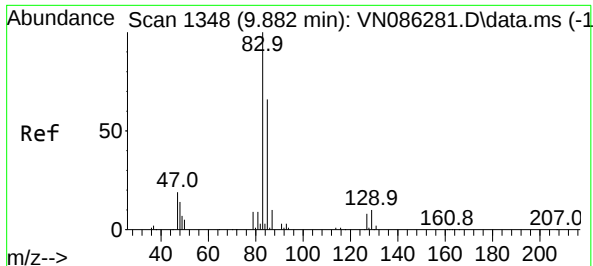
Ion Ratio Lower Upper

93 100

95 80.6 66.2 99.4

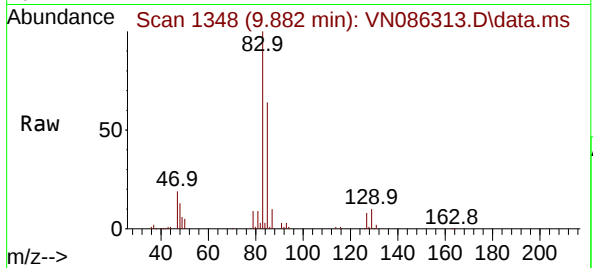
174 84.0 67.8 101.6





#47
Bromodichloromethane
Concen: 46.918 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

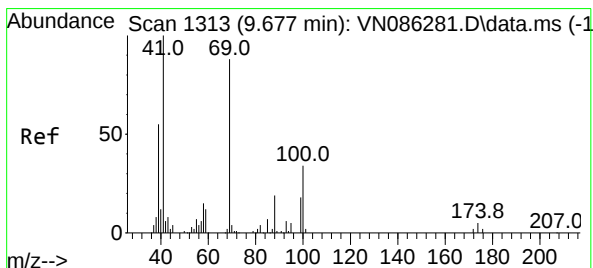
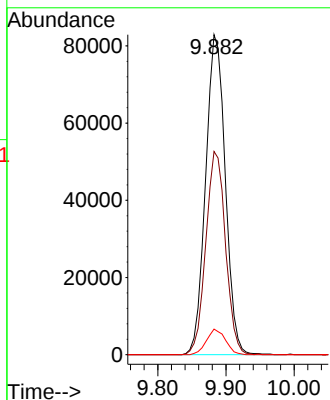
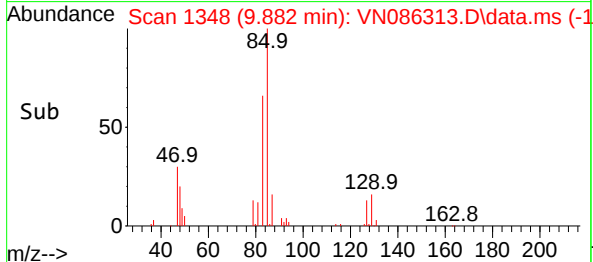
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



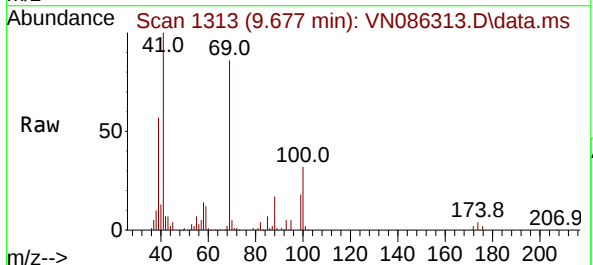
Tgt Ion: 83 Resp: 16680
Ion Ratio Lower Upper
83 100
85 63.5 52.6 78.8
127 8.0 6.1 9.1

Manual Integrations
APPROVED

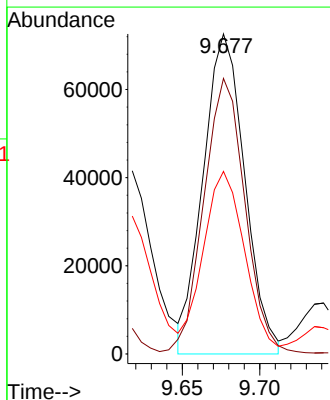
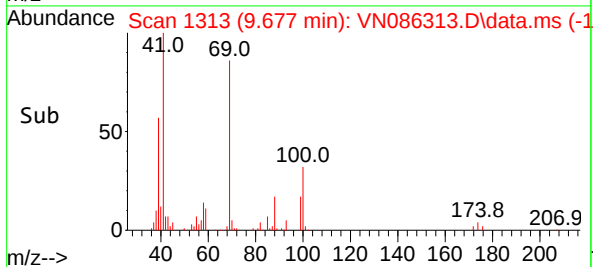
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

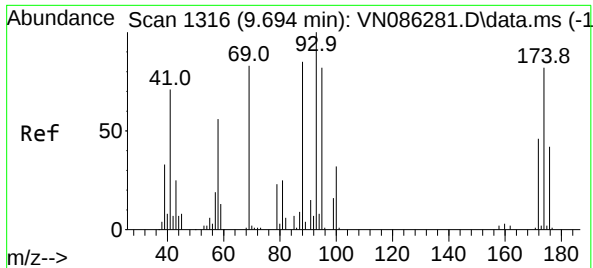


#48
Methyl methacrylate
Concen: 44.424 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19



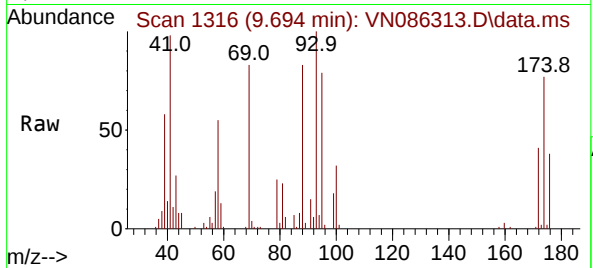
Tgt Ion: 41 Resp: 135297
Ion Ratio Lower Upper
41 100
69 85.9 68.2 102.2
39 57.5 45.2 67.8





#49
1,4-Dioxane
Concen: 952.478 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

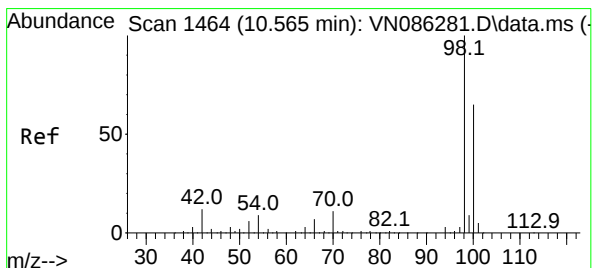
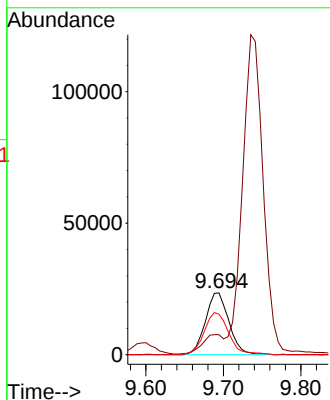
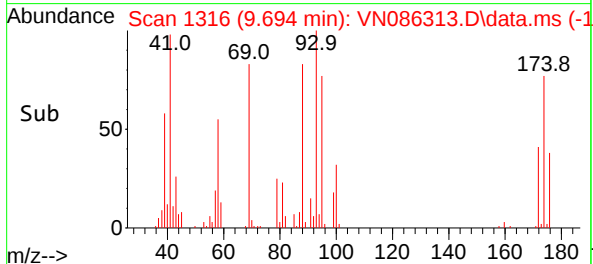
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



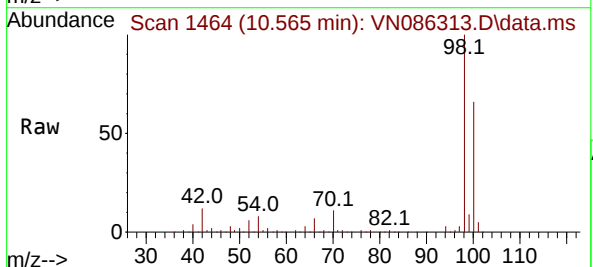
Tgt Ion: 88 Resp: 4934
Ion Ratio Lower Upper
88 100
43 27.9 23.8 35.8
58 71.2 57.4 86.2

Manual Integrations
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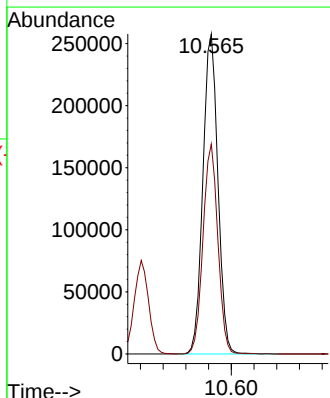
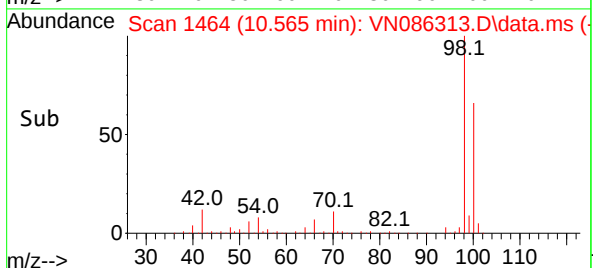
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

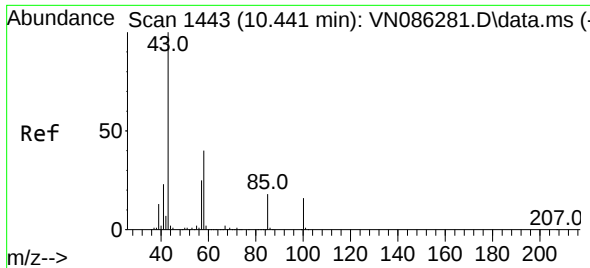


#50
Toluene-d8
Concen: 53.405 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19



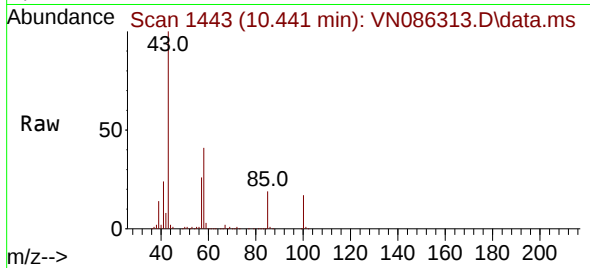
Tgt Ion: 98 Resp: 470740
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 230.969 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

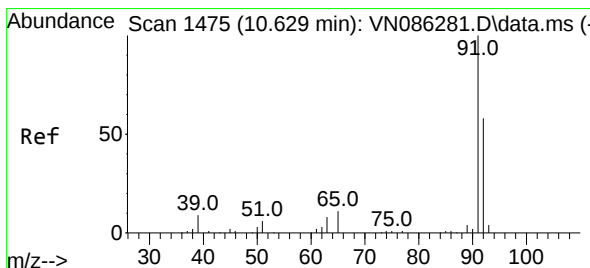
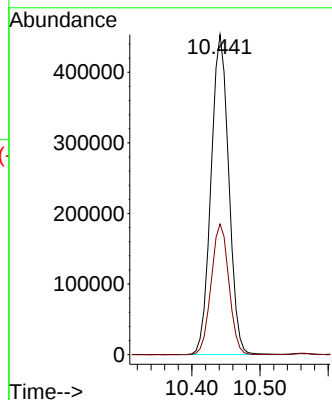
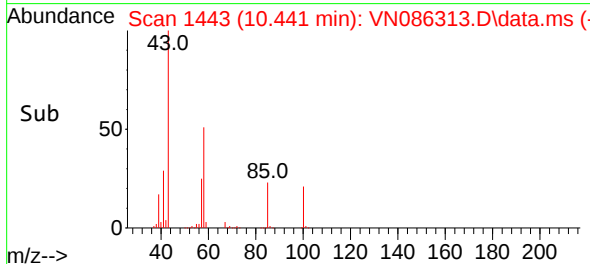
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 82025
Ion Ratio Lower Upper
43 100
58 40.9 32.2 48.4

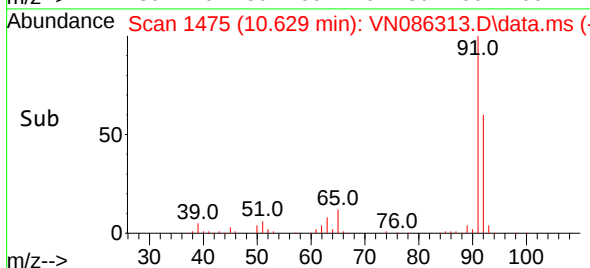
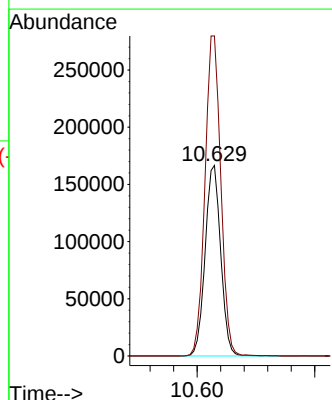
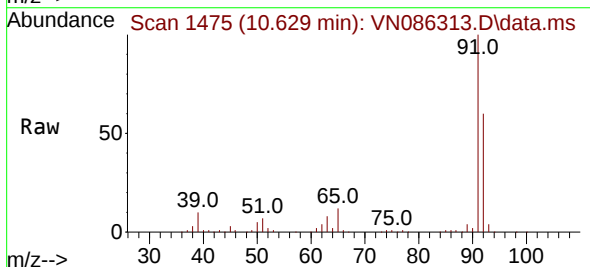
Manual Integrations
APPROVED

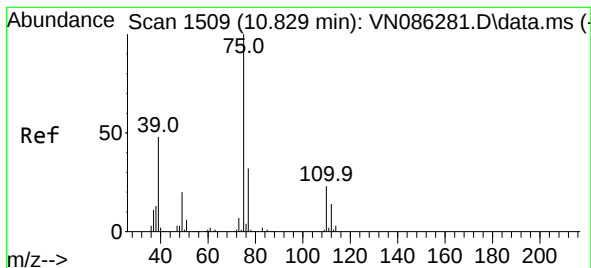
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#52
Toluene
Concen: 46.313 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

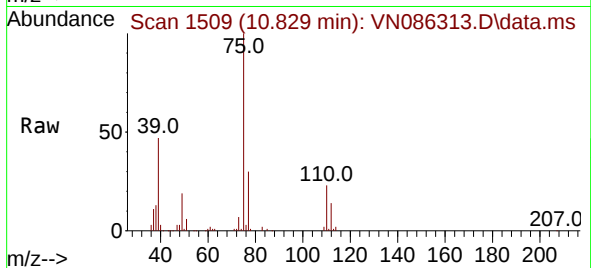
Tgt Ion: 92 Resp: 304999
Ion Ratio Lower Upper
92 100
91 170.9 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 47.486 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

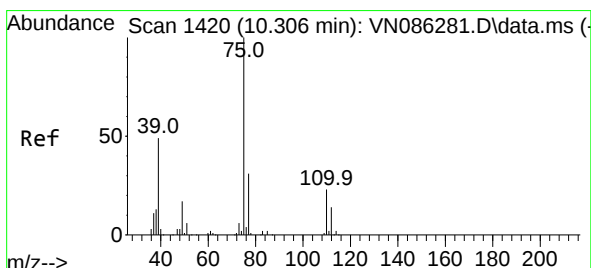
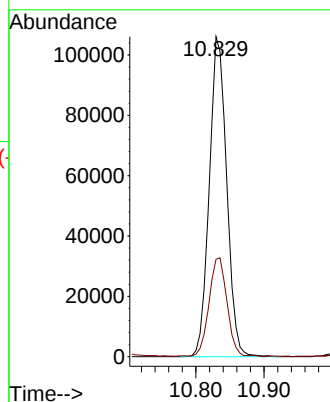
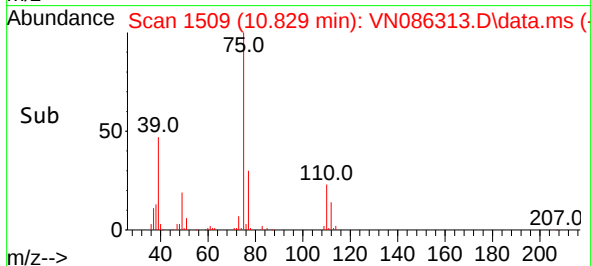
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 188456
Ion Ratio Lower Upper
75 100
77 30.3 25.4 38.0

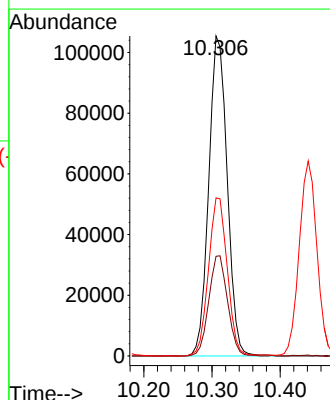
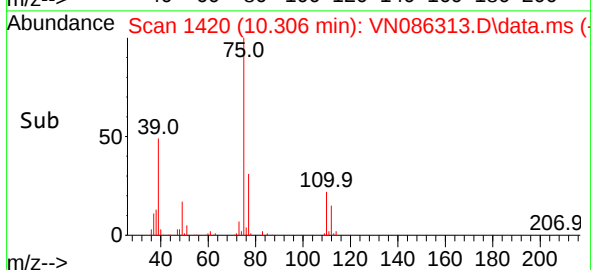
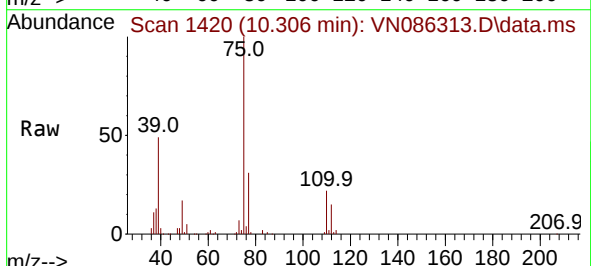
Manual Integrations
APPROVED

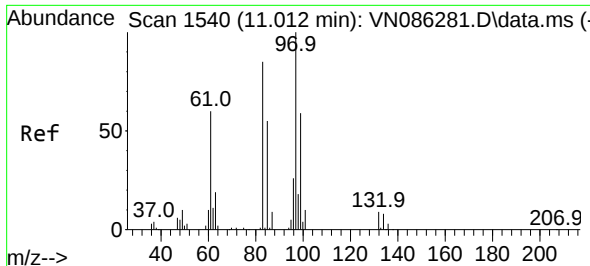
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#54
cis-1,3-Dichloropropene
Concen: 45.544 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

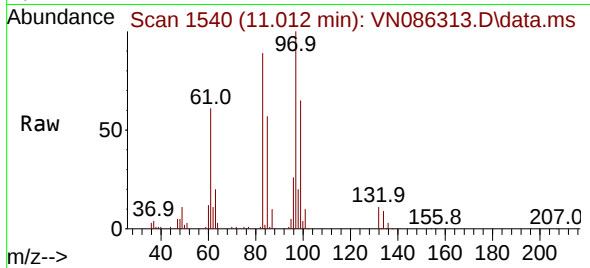
Tgt Ion: 75 Resp: 198527
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 49.4 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 46.211 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

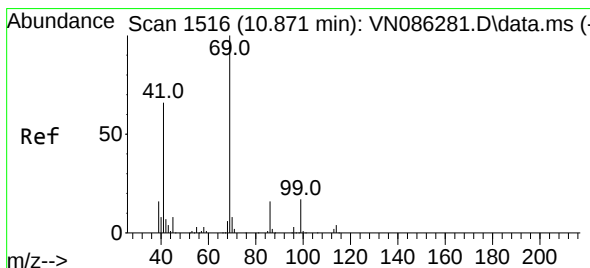
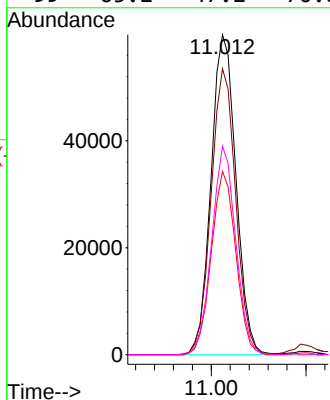
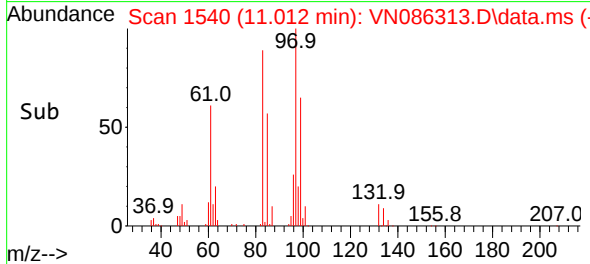
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 109495
Ion Ratio Lower Upper
97 100
83 89.4 68.4 102.6
85 57.3 43.9 65.9
99 65.2 47.2 70.8

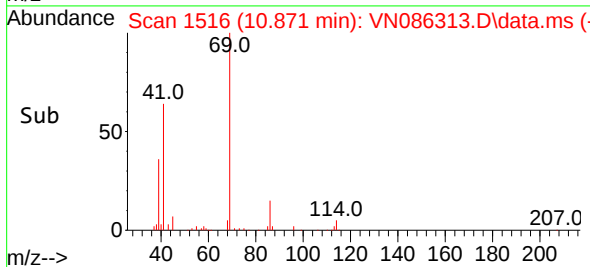
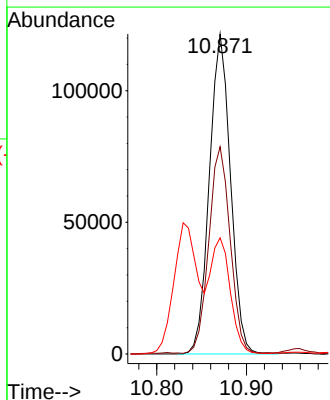
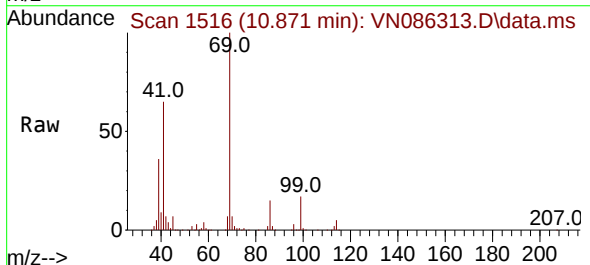
Manual Integrations
APPROVED

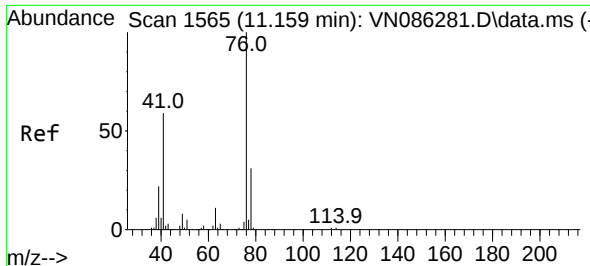
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#56
Ethyl methacrylate
Concen: 45.642 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Tgt Ion: 69 Resp: 198789
Ion Ratio Lower Upper
69 100
41 65.1 51.7 77.5
39 34.1 26.3 39.5





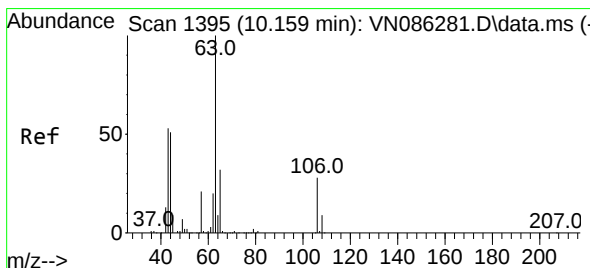
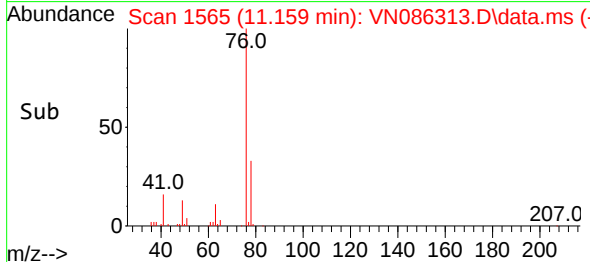
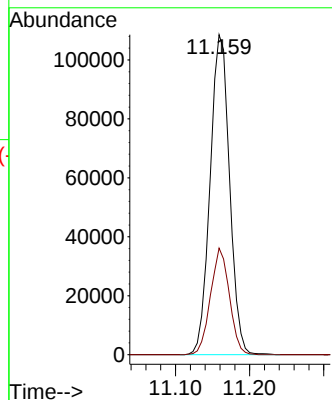
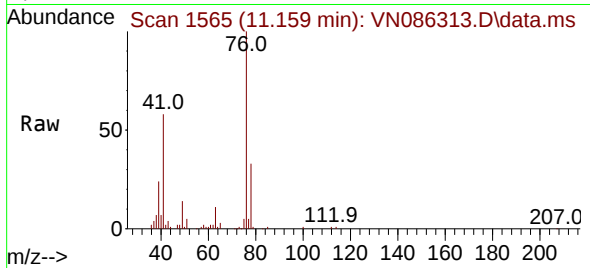
#57
1,3-Dichloropropane
Concen: 47.080 ug/l
RT: 11.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 197924
Ion Ratio Lower Upper
76 100
78 32.3 25.6 38.4

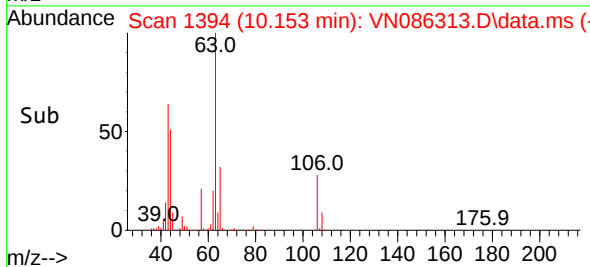
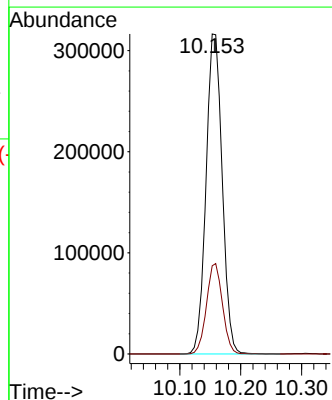
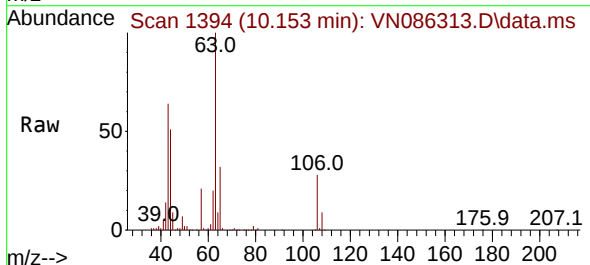
Manual Integrations
APPROVED

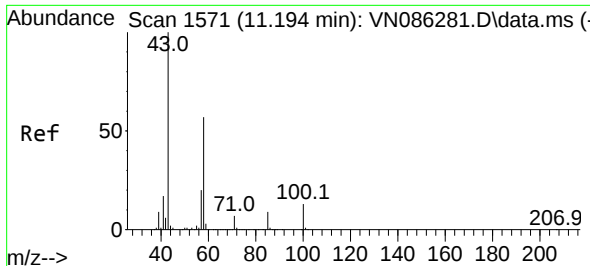
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#58
2-Chloroethyl Vinyl ether
Concen: 281.913 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

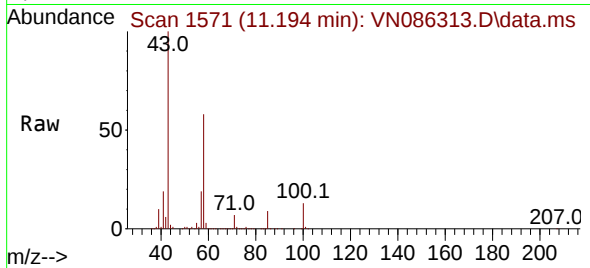
Tgt Ion: 63 Resp: 582781
Ion Ratio Lower Upper
63 100
106 27.9 22.2 33.2





#59
2-Hexanone
Concen: 231.429 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

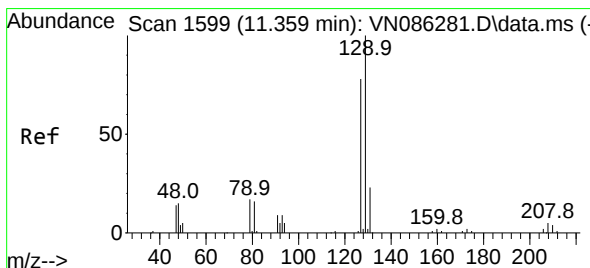
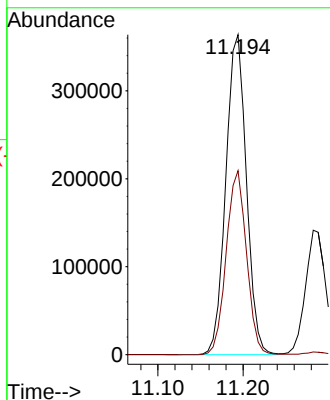
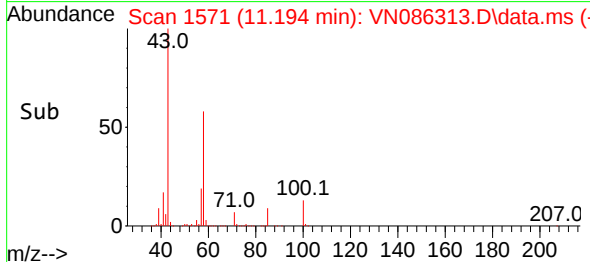
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 60962
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0

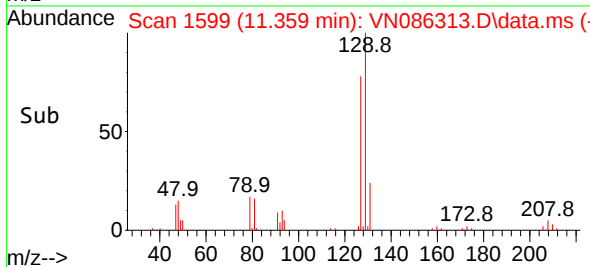
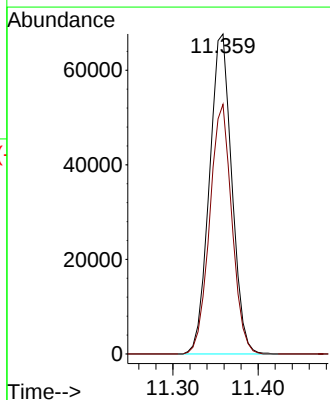
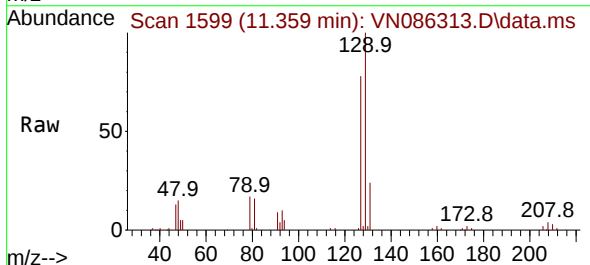
Manual Integrations
APPROVED

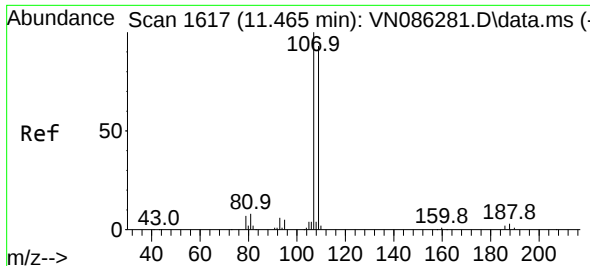
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#60
Dibromochloromethane
Concen: 47.605 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Tgt Ion:129 Resp: 123863
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1





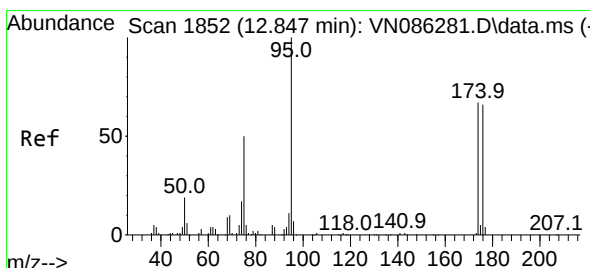
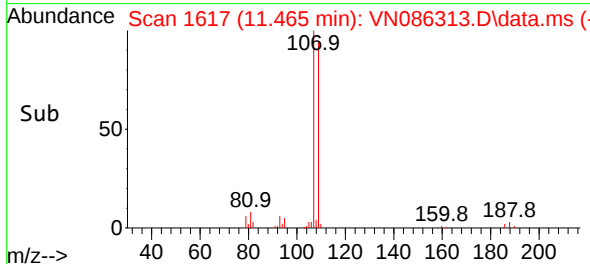
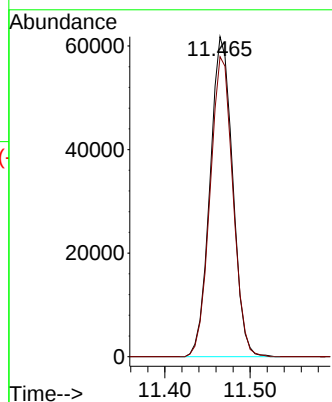
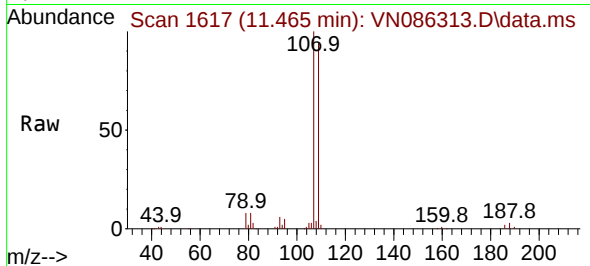
#61
1,2-Dibromoethane
Concen: 47.665 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 113960
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.0

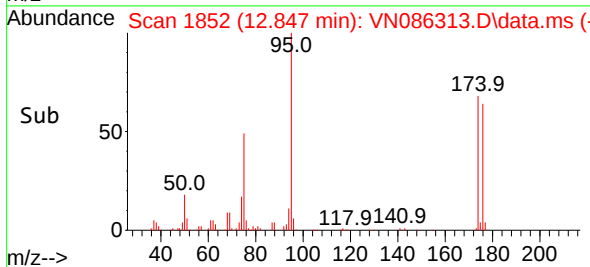
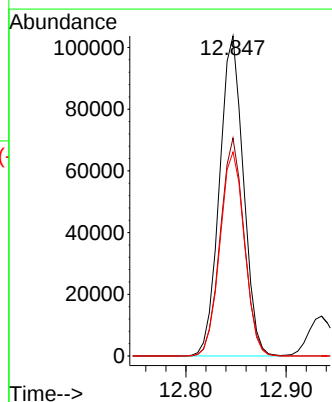
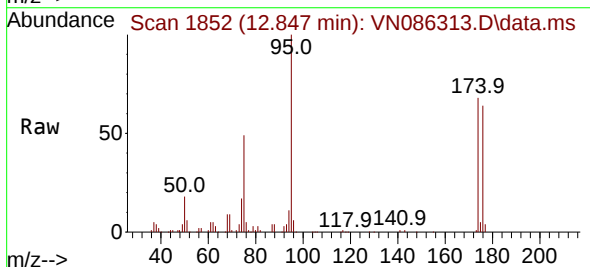
Manual Integrations
APPROVED

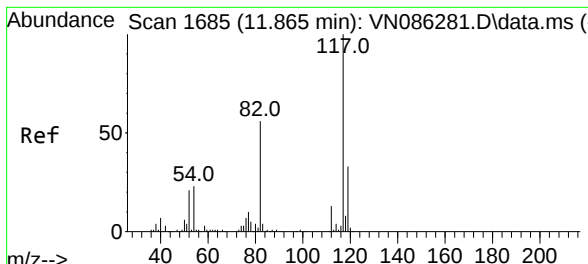
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#62
4-Bromofluorobenzene
Concen: 53.310 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

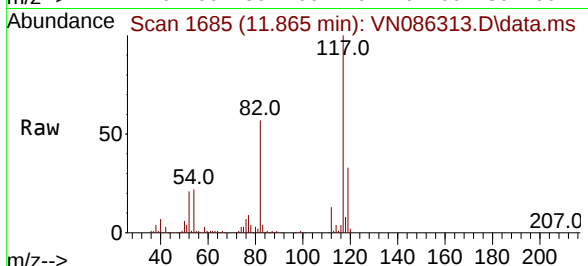
Tgt Ion: 95 Resp: 171395
Ion Ratio Lower Upper
95 100
174 67.9 0.0 133.4
176 65.2 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

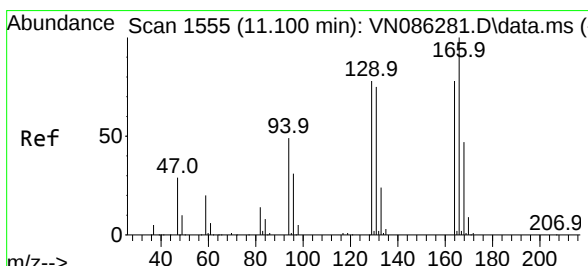
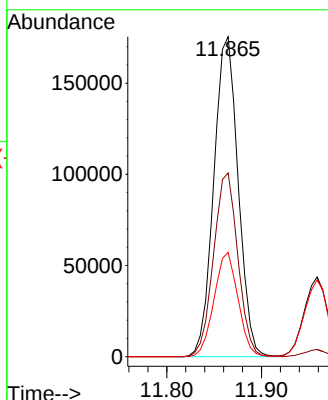
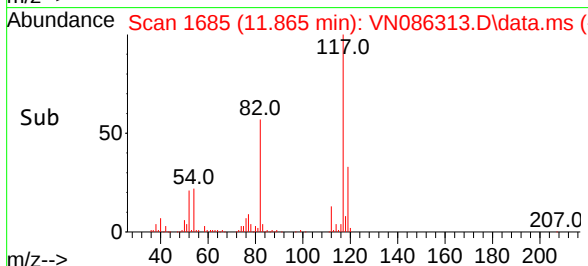
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



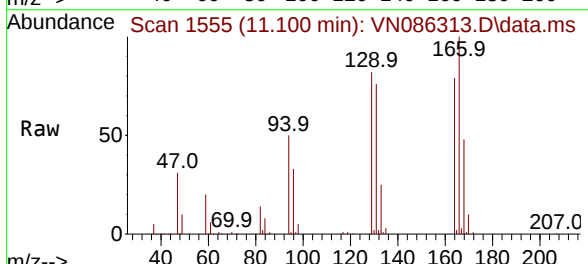
Tgt Ion:117 Resp: 313808
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 32.6 26.4 39.6

Manual Integrations
APPROVED

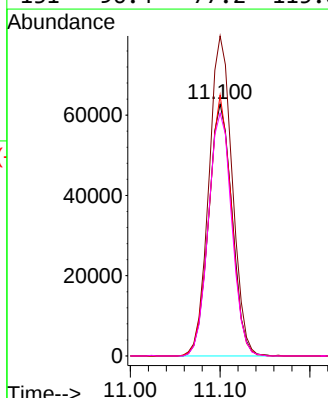
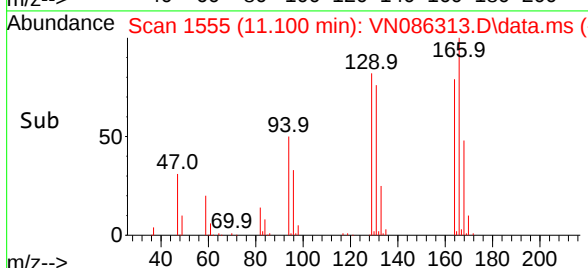
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

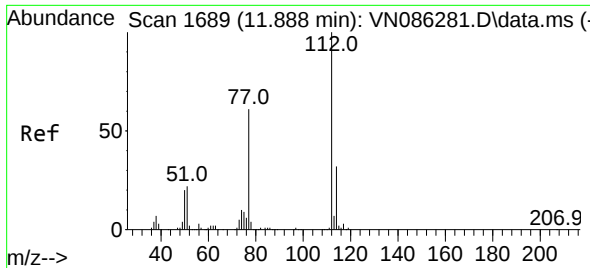


#64
Tetrachloroethene
Concen: 47.137 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19



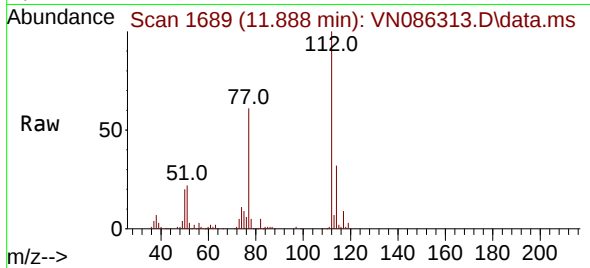
Tgt Ion:164 Resp: 113781
Ion Ratio Lower Upper
164 100
166 127.1 103.0 154.4
129 103.6 80.1 120.1
131 96.4 77.2 115.8





#65
Chlorobenzene
Concen: 46.243 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

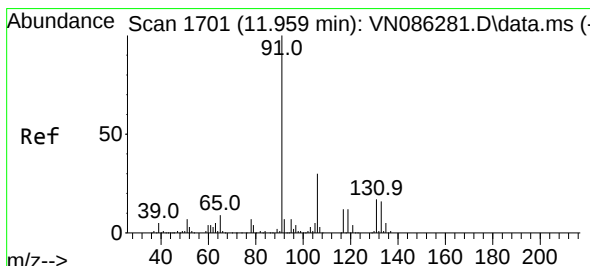
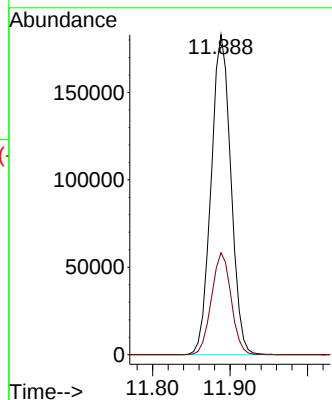
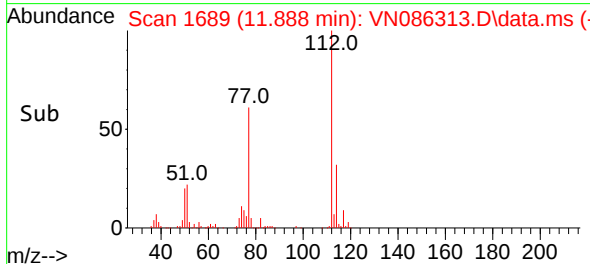
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 32384
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

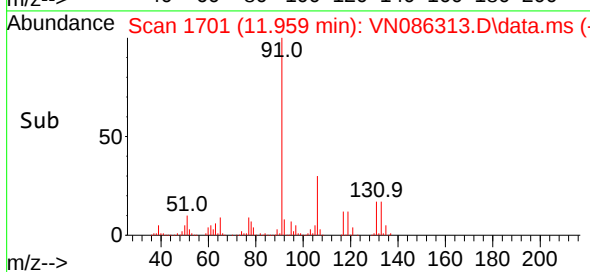
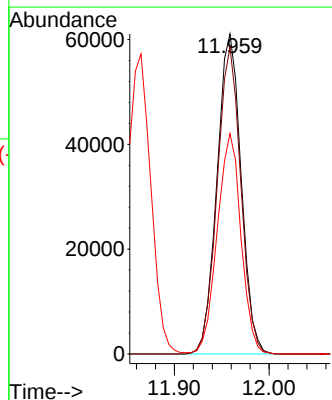
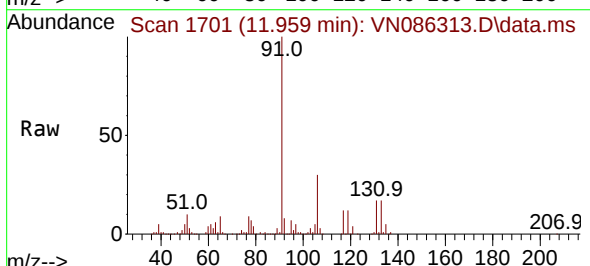
Manual Integrations
APPROVED

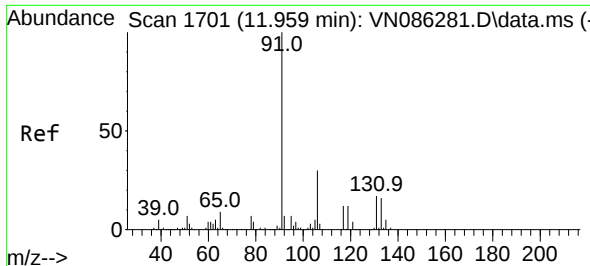
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 46.795 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

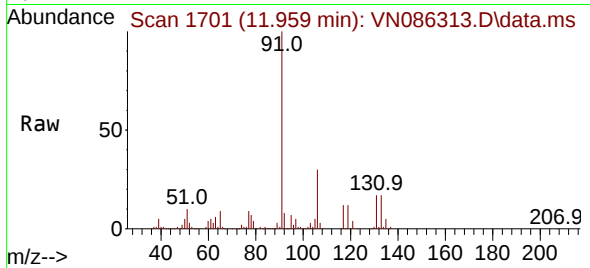
Tgt Ion:131 Resp: 108112
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.3
119 67.9 33.8 101.4





#67
Ethyl Benzene
Concen: 45.767 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

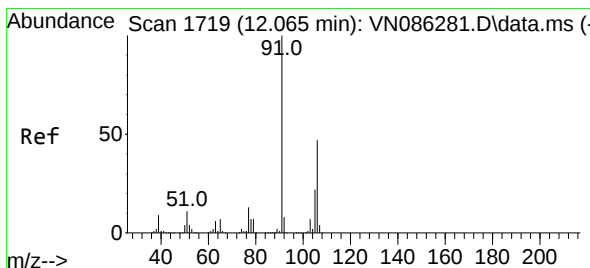
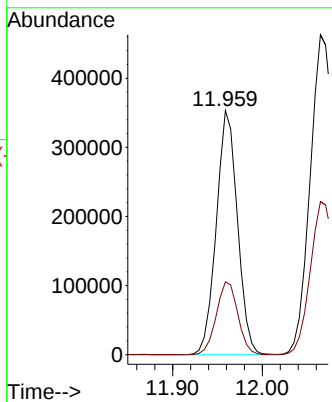
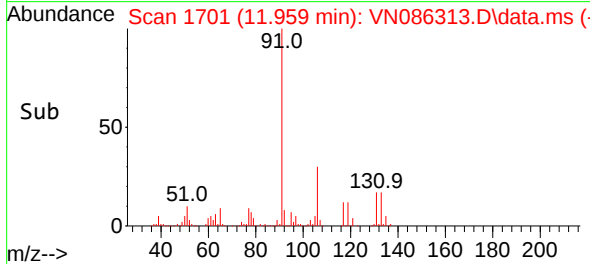
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 57837
Ion Ratio Lower Upper
91 100
106 29.8 24.3 36.5

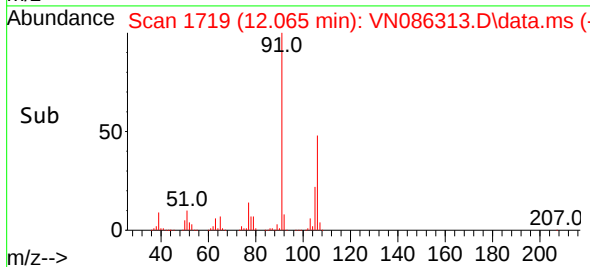
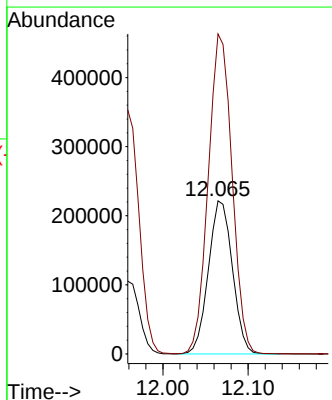
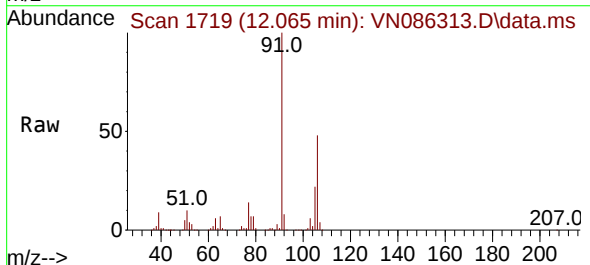
Manual Integrations
APPROVED

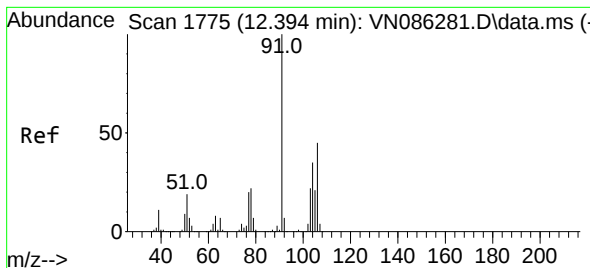
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#68
m/p-Xylenes
Concen: 91.551 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Tgt Ion:106 Resp: 433510
Ion Ratio Lower Upper
106 100
91 207.3 166.5 249.7





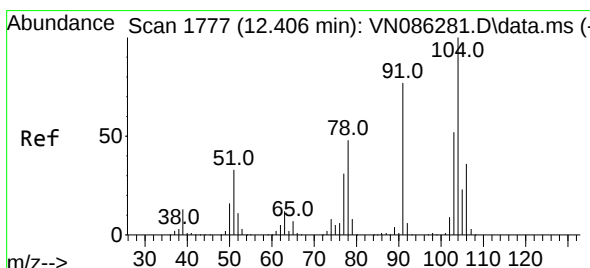
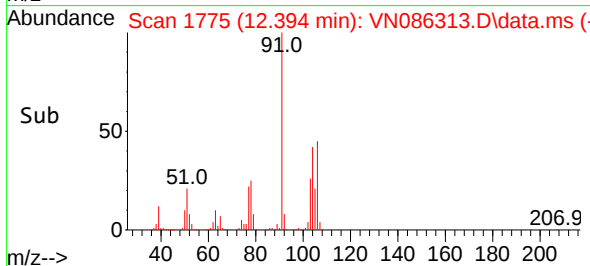
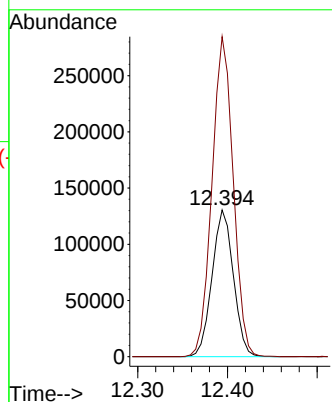
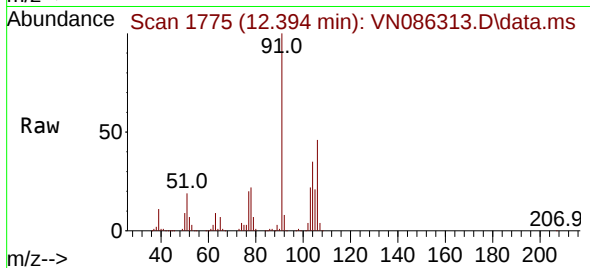
#69
o-Xylene
Concen: 46.029 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 215540
Ion Ratio Lower Upper
106 100
91 217.1 109.7 329.0

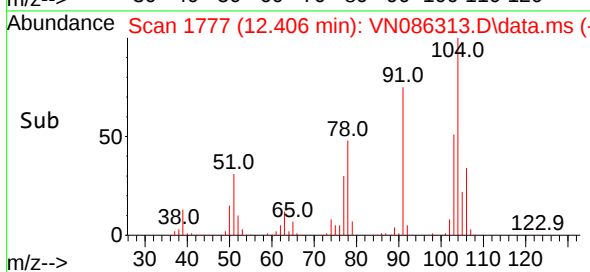
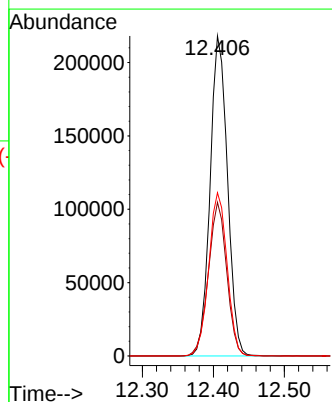
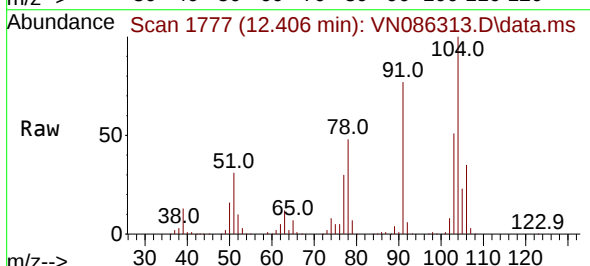
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#70
Styrene
Concen: 47.569 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Tgt Ion:104 Resp: 371156
Ion Ratio Lower Upper
104 100
78 50.6 40.6 61.0
103 54.0 43.6 65.4





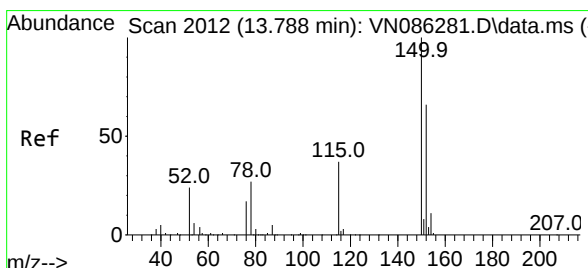
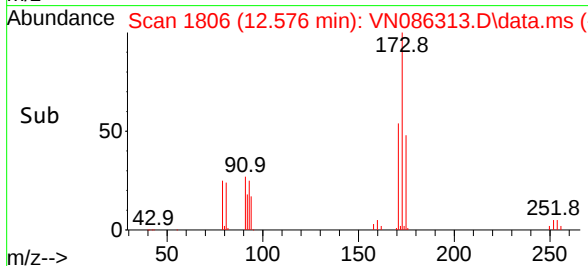
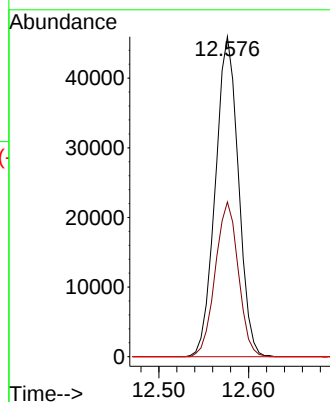
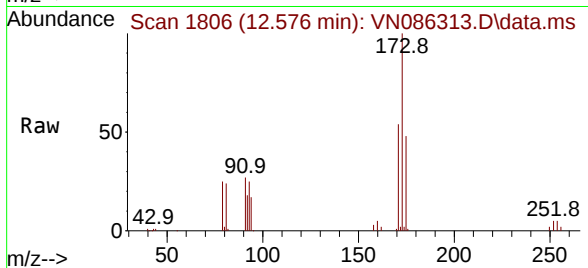
#71
Bromoform
Concen: 47.213 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 82123
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.0 0.0 0.0

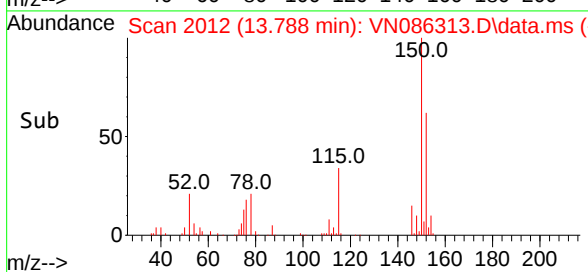
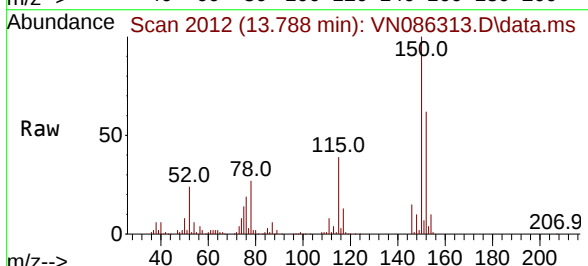
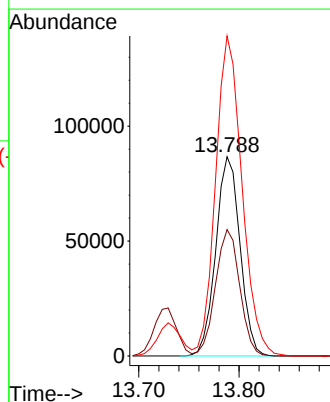
Manual Integrations
APPROVED

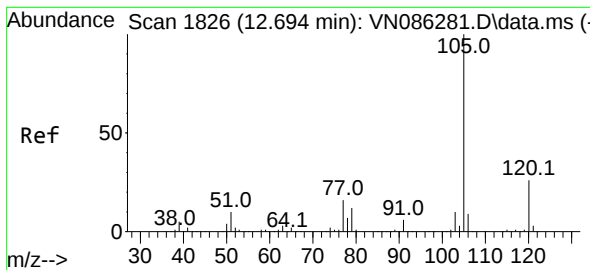
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Tgt Ion:152 Resp: 145302
Ion Ratio Lower Upper
152 100
115 63.7 31.9 95.9
150 175.3 0.0 352.0





#73

Isopropylbenzene

Concen: 44.677 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086313.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 53103

Ion Ratio Lower Upper

105 100

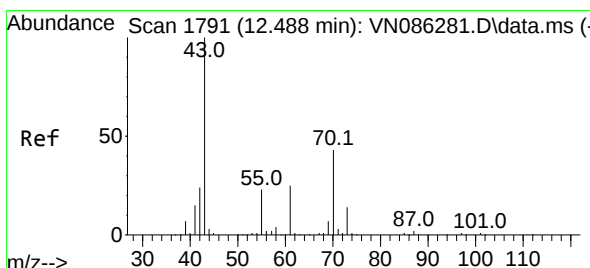
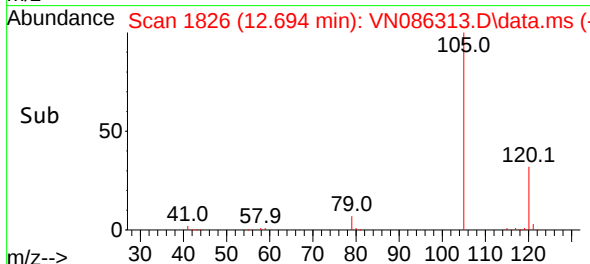
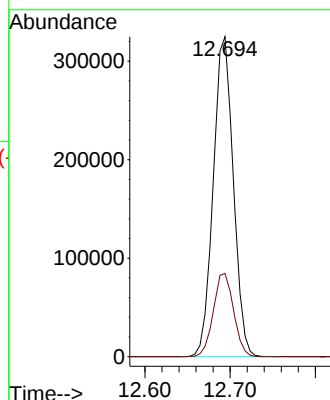
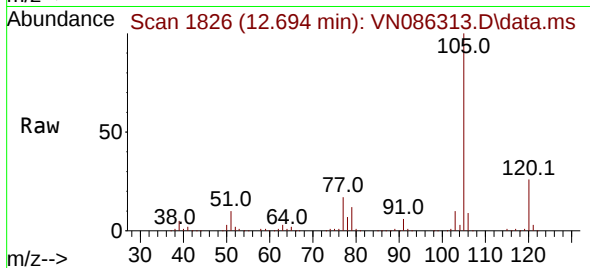
120 26.3 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#74

N-ethyl acetate

Concen: 41.510 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086313.D

Acq: 17 Apr 2025 11:19

Tgt Ion: 43 Resp: 245624

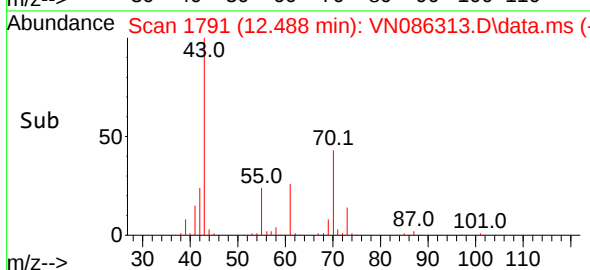
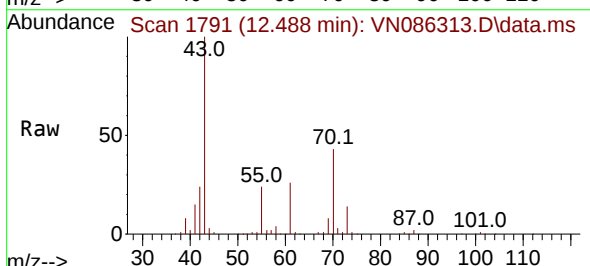
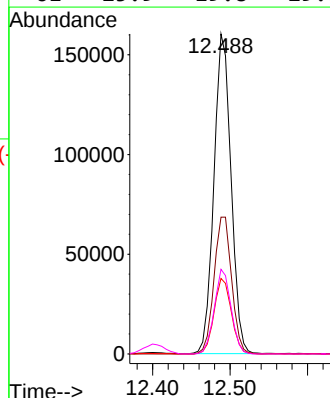
Ion Ratio Lower Upper

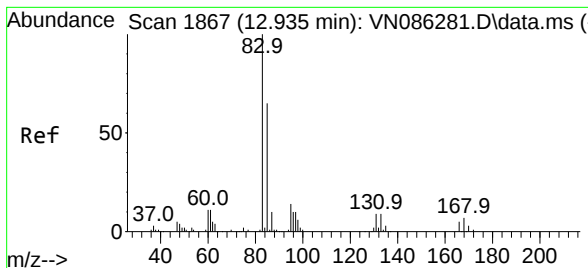
43 100

70 44.1 35.0 52.4

55 23.9 19.0 28.4

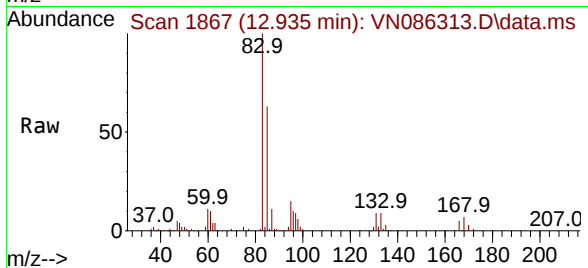
61 25.9 19.8 29.8





#75
1,1,2,2-Tetrachloroethane
Concen: 43.615 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

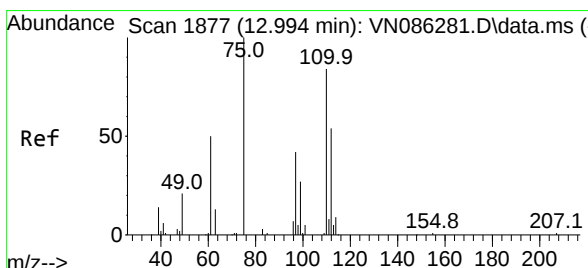
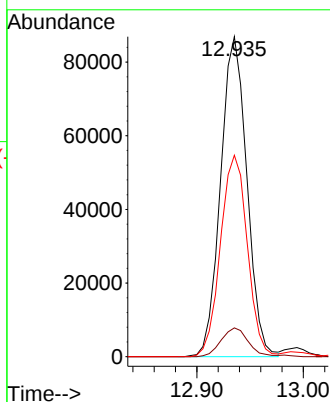
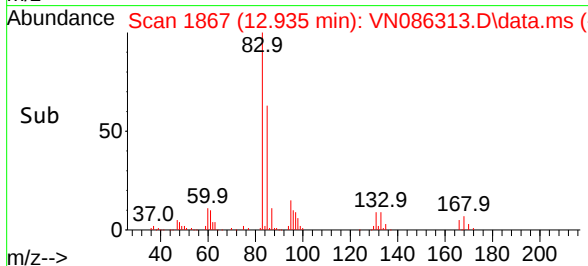
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



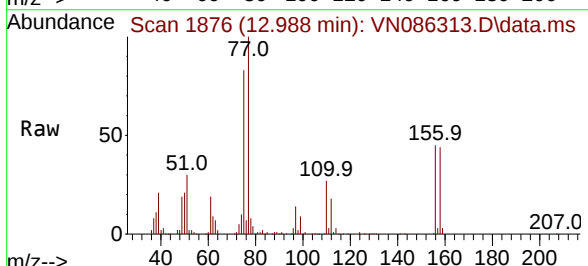
Tgt Ion: 83 Resp: 14905
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.1
85 64.3 32.7 98.1

Manual Integrations
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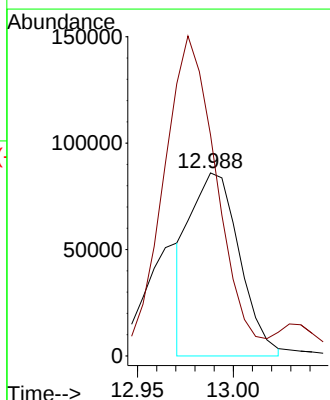
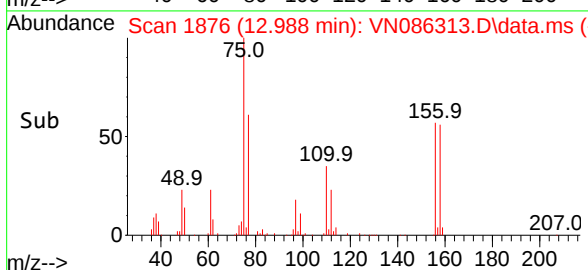
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

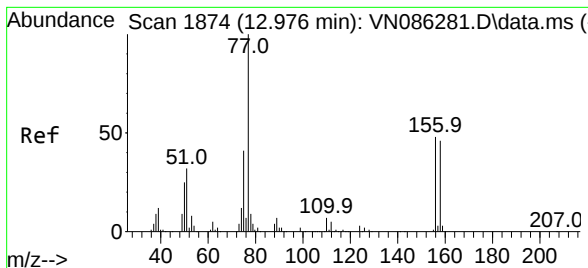


#76
1,2,3-Trichloropropane
Concen: 44.954 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19



Tgt Ion: 75 Resp: 154144
Ion Ratio Lower Upper
75 100
77 190.6 98.8 296.4





#77

Bromobenzene

Concen: 46.236 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086313.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

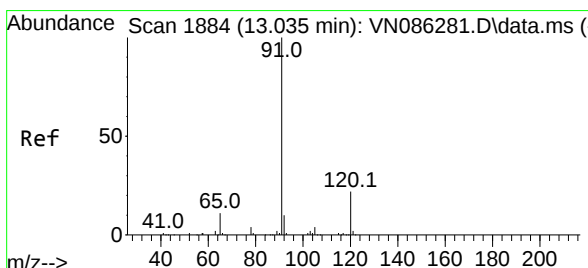
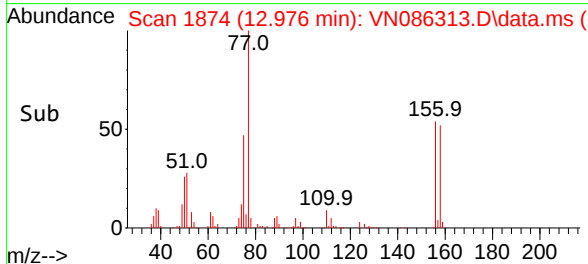
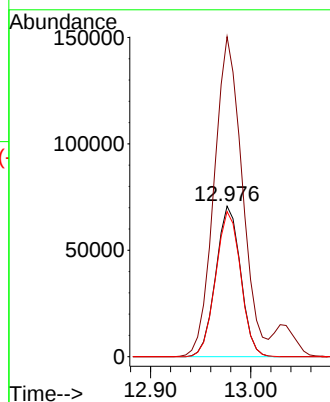
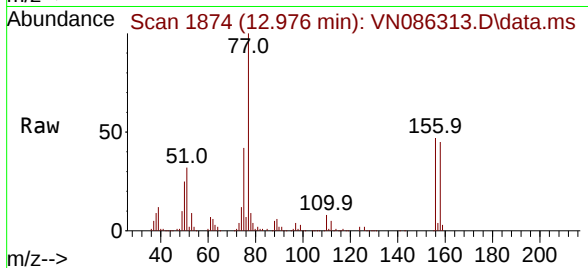
Tgt Ion:156 Resp: 121769
 Ion Ratio Lower Upper
 156 100
 77 241.2 121.1 363.1
 158 97.2 47.9 143.6

Manual Integrations

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Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#78

n-propylbenzene

Concen: 45.212 ug/l

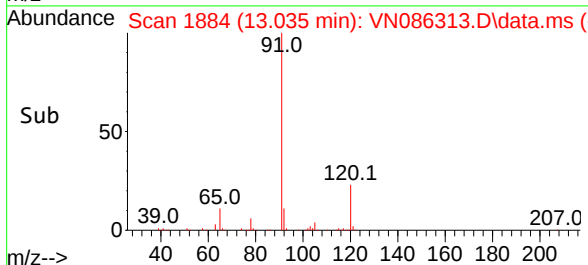
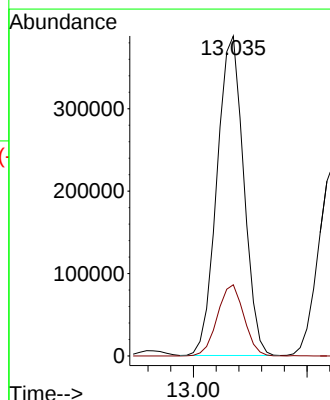
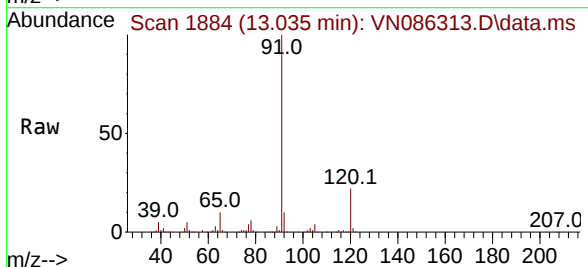
RT: 13.035 min Scan# 1884

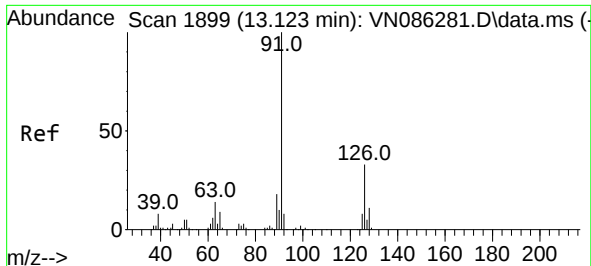
Delta R.T. -0.000 min

Lab File: VN086313.D

Acq: 17 Apr 2025 11:19

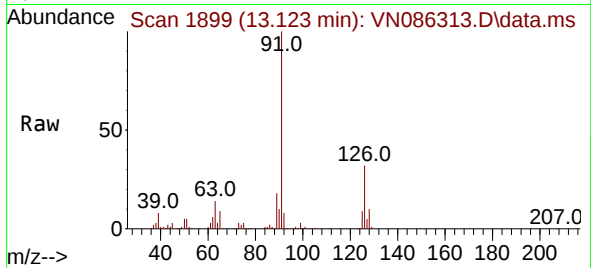
Tgt Ion: 91 Resp: 633240
 Ion Ratio Lower Upper
 91 100
 120 22.1 11.1 33.3





#79
2-Chlorotoluene
Concen: 44.820 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

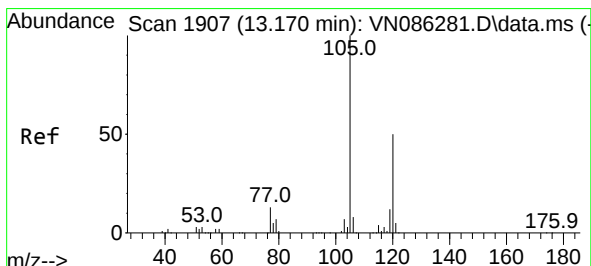
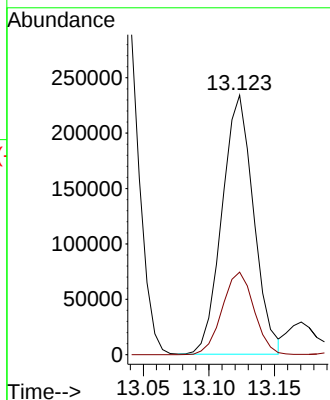
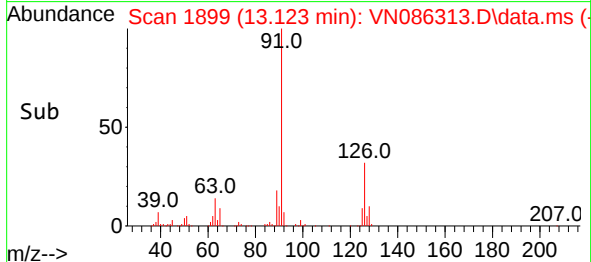
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 39281
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.2

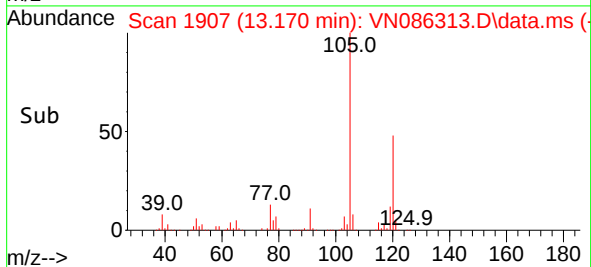
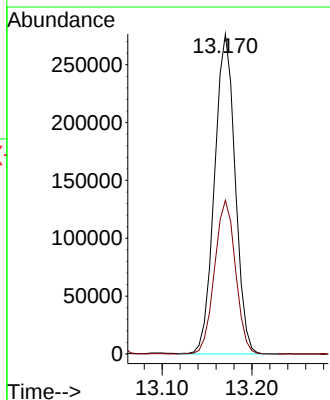
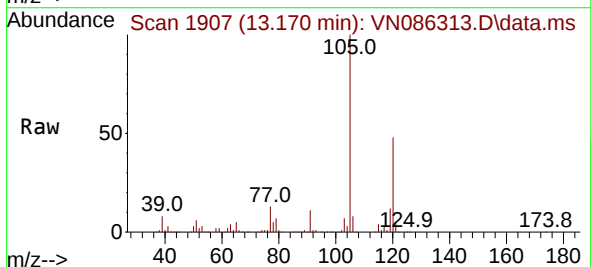
Manual Integrations
APPROVED

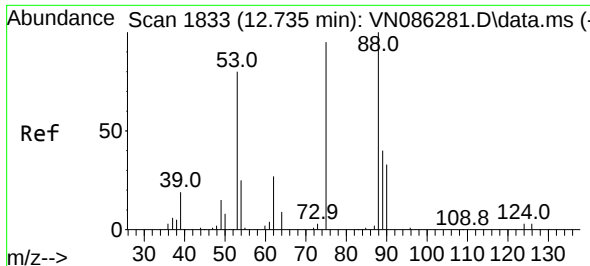
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 45.348 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

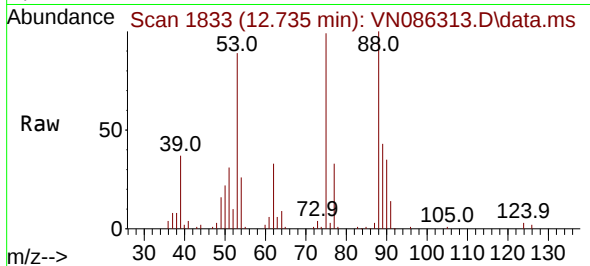
Tgt Ion:105 Resp: 441162
Ion Ratio Lower Upper
105 100
120 48.8 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 51.976 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

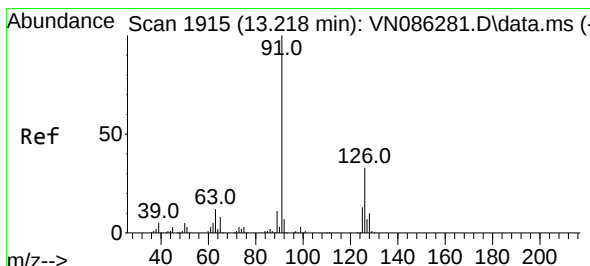
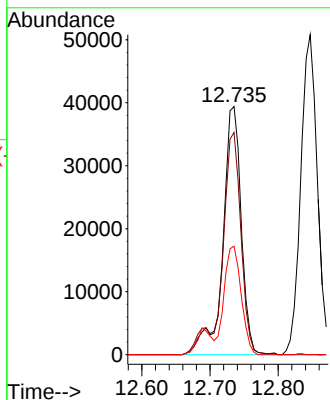
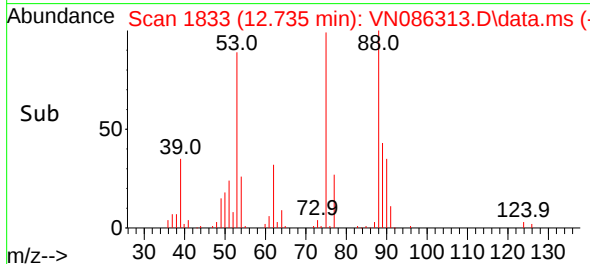
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 74209
Ion Ratio Lower Upper
75 100
53 82.8 79.2 118.8
89 40.5 35.7 53.5

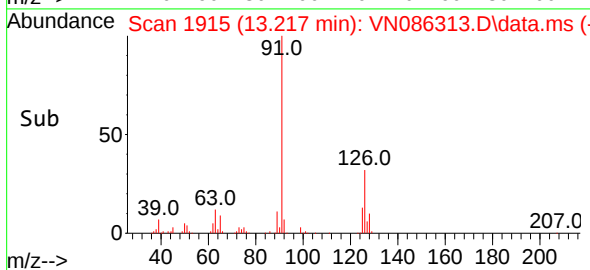
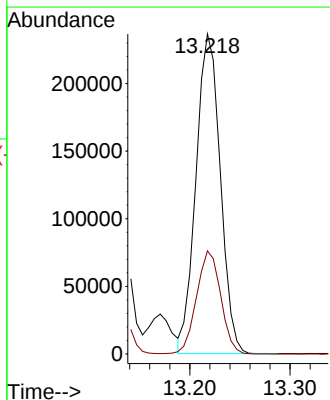
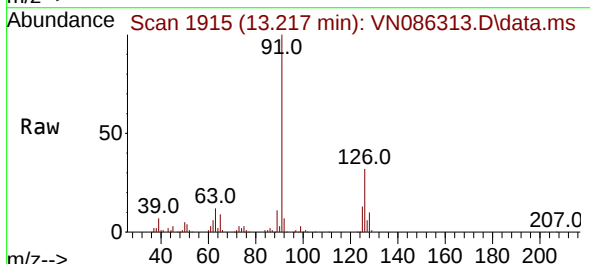
Manual Integrations
APPROVED

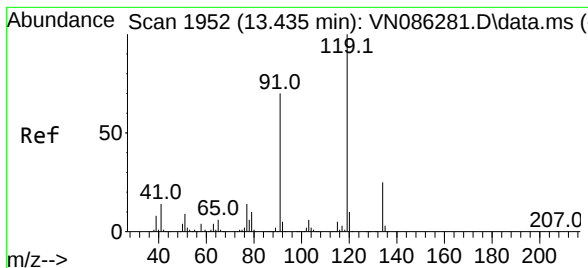
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#82
4-Chlorotoluene
Concen: 45.854 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

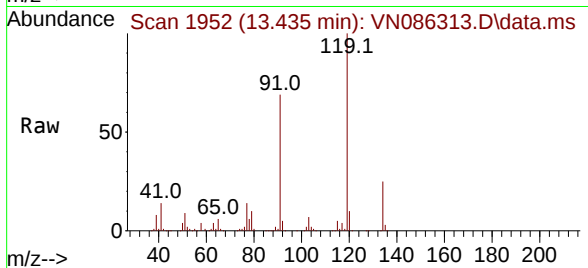
Tgt Ion: 91 Resp: 399209
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6





#83
tert-Butylbenzene
Concen: 44.825 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

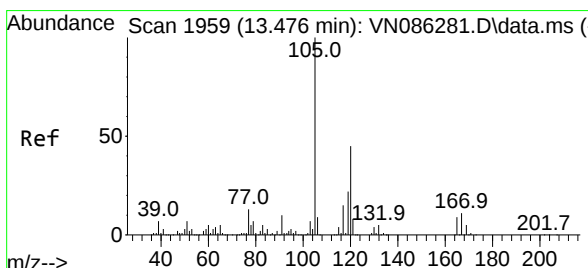
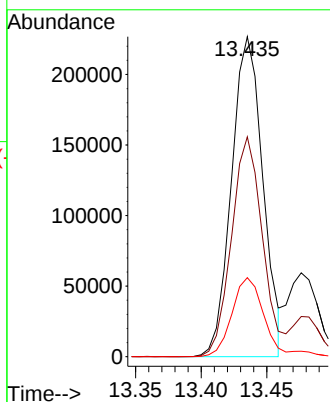
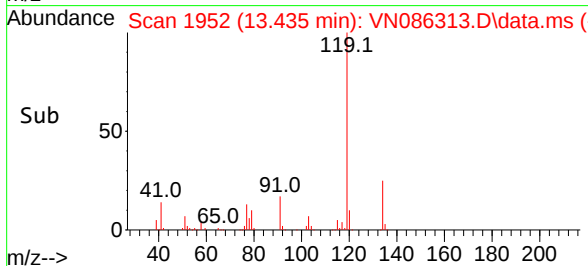
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



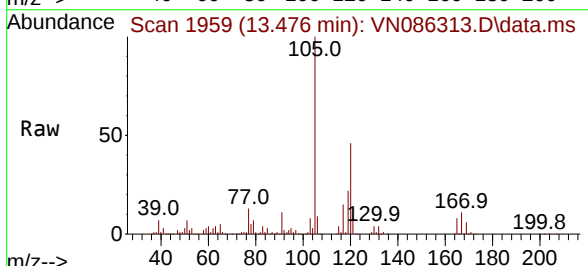
Tgt Ion:119 Resp: 377848
Ion Ratio Lower Upper
119 100
91 68.4 34.4 103.3
134 25.8 13.0 39.0

Manual Integrations
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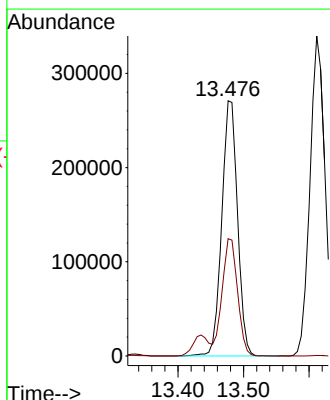
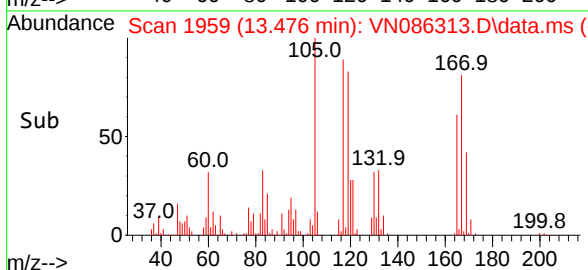
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

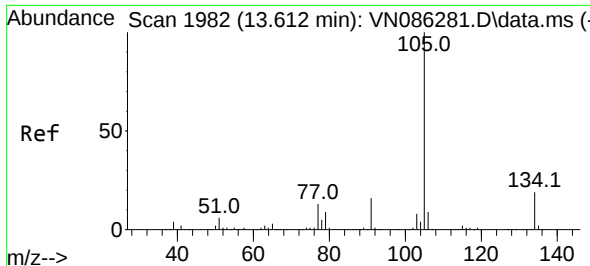


#84
1,2,4-Trimethylbenzene
Concen: 45.473 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19



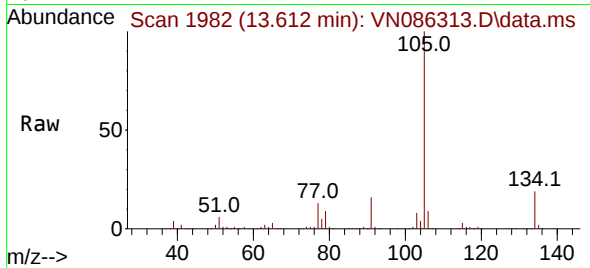
Tgt Ion:105 Resp: 450303
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 46.292 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086313.D
 Acq: 17 Apr 2025 11:19

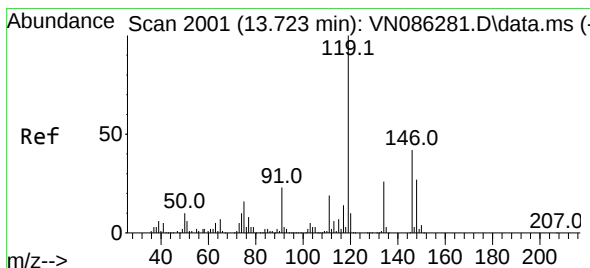
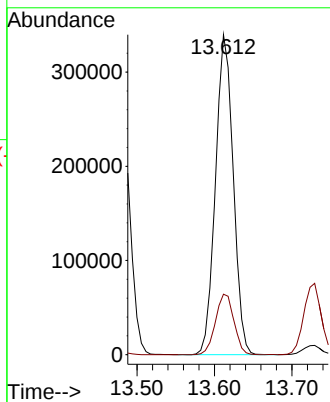
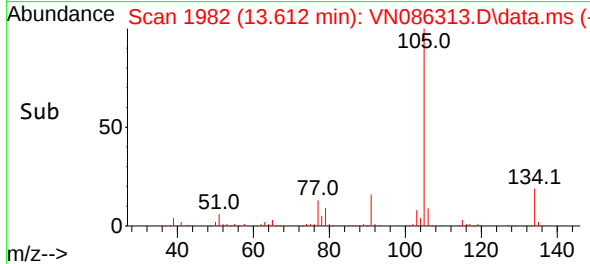
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



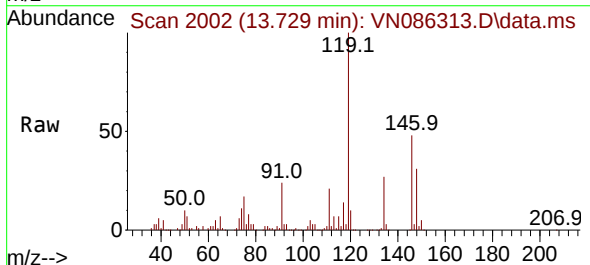
Tgt Ion:105 Resp: 54125
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1

Manual Integrations
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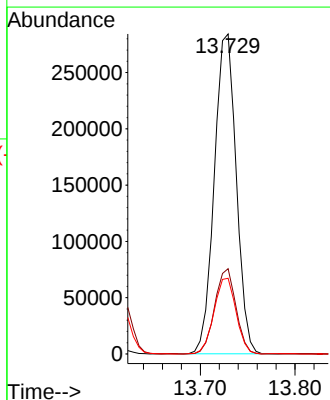
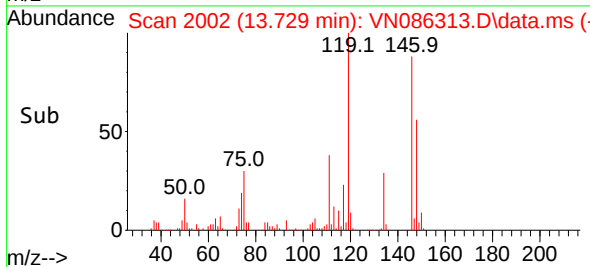
Reviewed By :John Carlone 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#86
 p-Isopropyltoluene
 Concen: 47.458 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN086313.D
 Acq: 17 Apr 2025 11:19



Tgt Ion:119 Resp: 457364
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 23.9 11.9 35.9





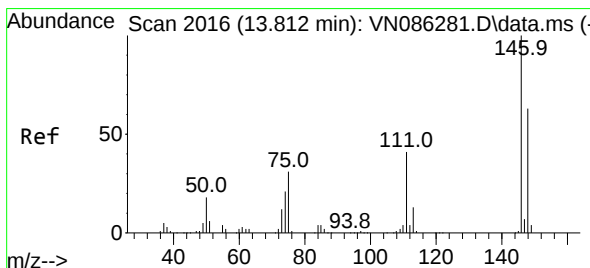
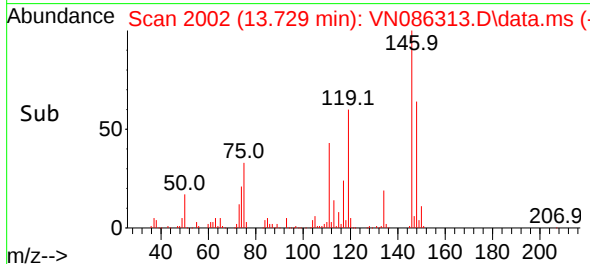
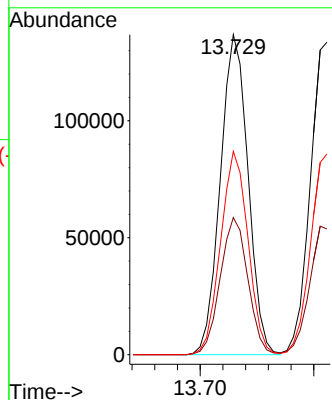
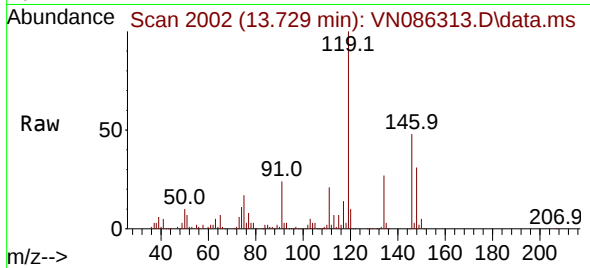
#87
1,3-Dichlorobenzene
Concen: 46.858 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 231988
Ion Ratio Lower Upper
146 100
111 42.7 21.9 65.7
148 62.9 31.9 95.5

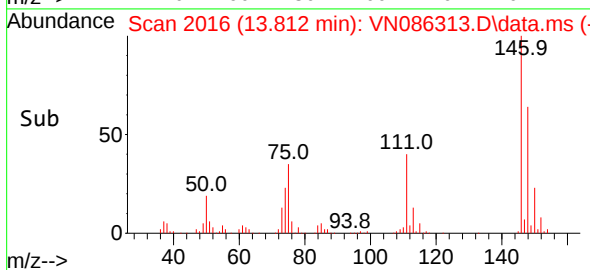
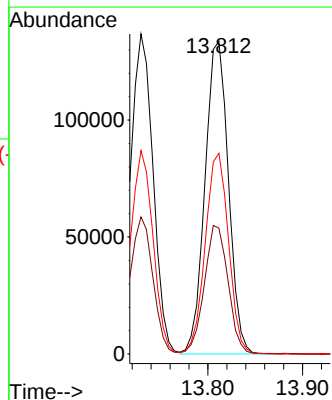
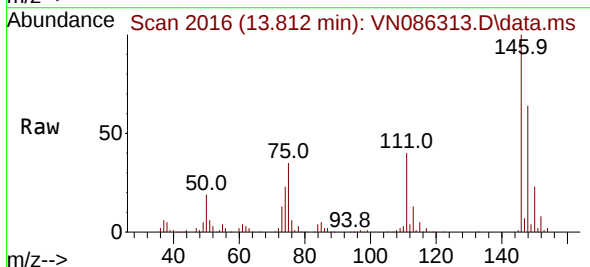
Manual Integrations
APPROVED

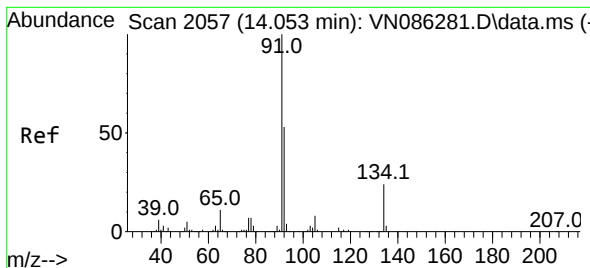
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#88
1,4-Dichlorobenzene
Concen: 46.070 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Tgt Ion:146 Resp: 229733
Ion Ratio Lower Upper
146 100
111 41.4 21.3 63.9
148 63.9 31.9 95.9





#89

n-Butylbenzene

Concen: 48.888 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086313.D

Acq: 17 Apr 2025 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 417614

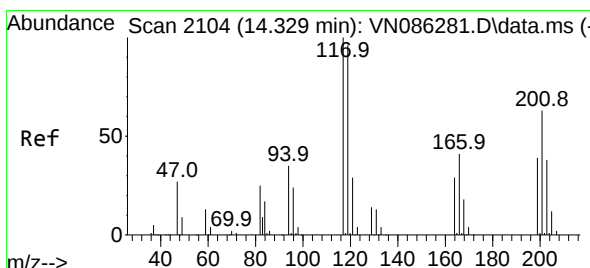
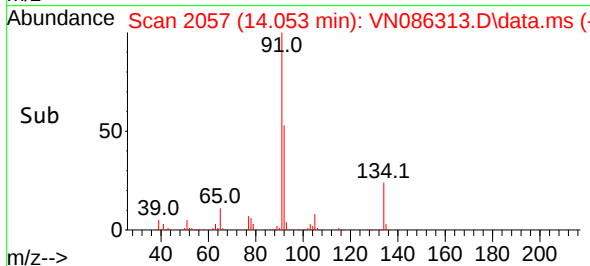
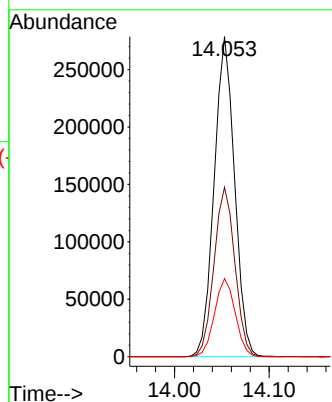
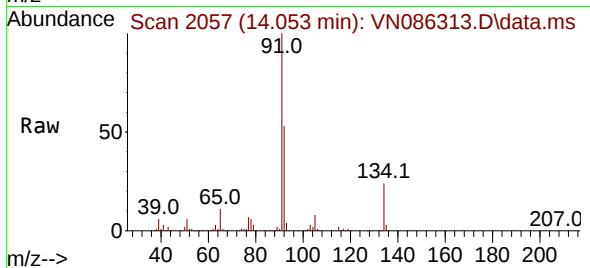
Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.8	80.4
134	24.8	12.2	36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#90

Hexachloroethane

Concen: 45.901 ug/l

RT: 14.329 min Scan# 2104

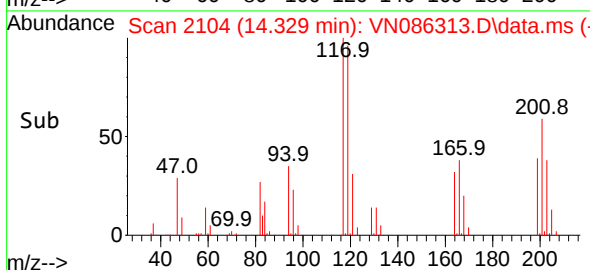
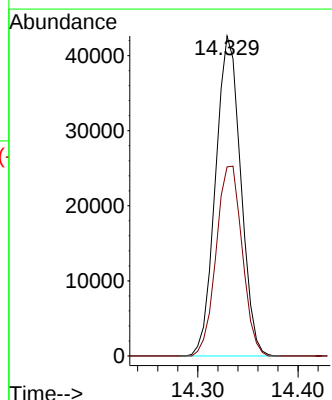
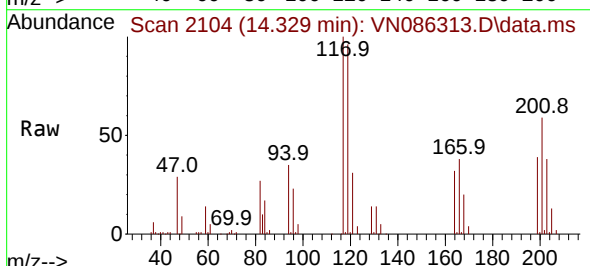
Delta R.T. -0.000 min

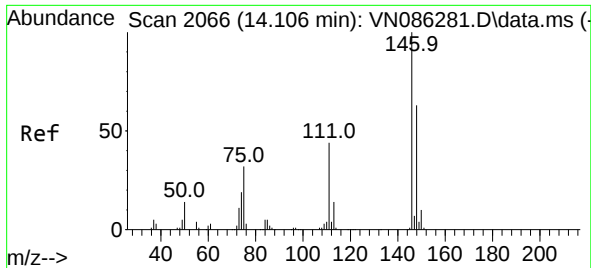
Lab File: VN086313.D

Acq: 17 Apr 2025 11:19

Tgt Ion:117 Resp: 74407

Ion	Ratio	Lower	Upper
117	100		
201	61.4	31.4	94.2





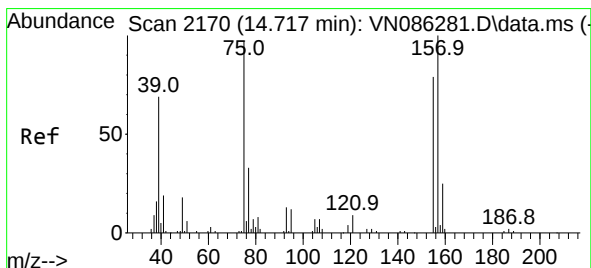
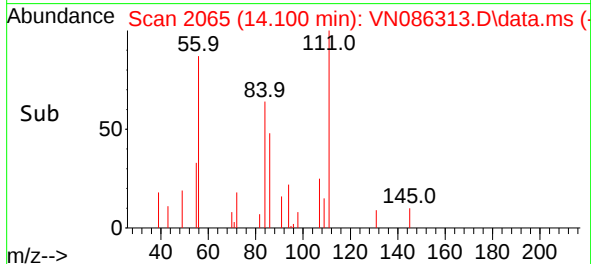
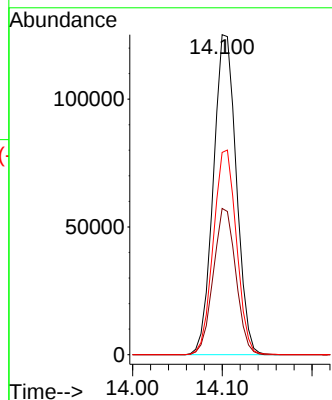
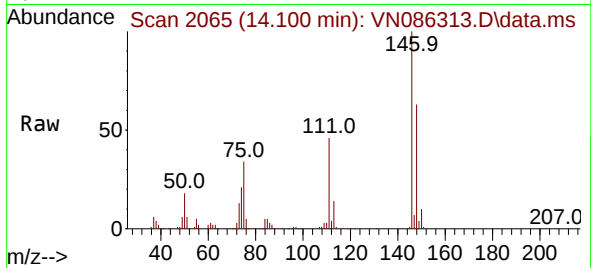
#91
1,2-Dichlorobenzene
Concen: 46.453 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 22297
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.0
148 64.2 31.8 95.4

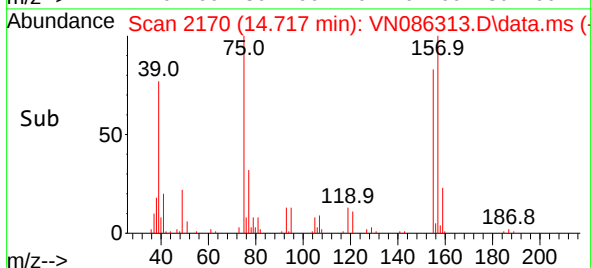
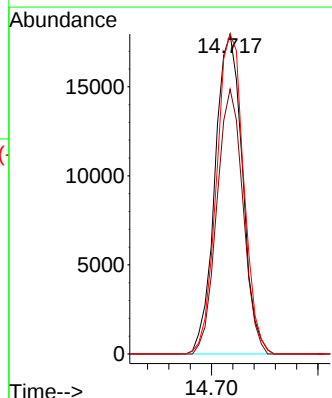
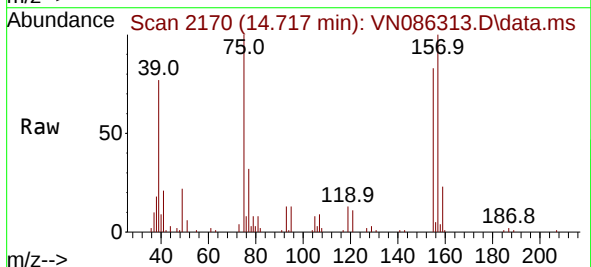
Manual Integrations
APPROVED

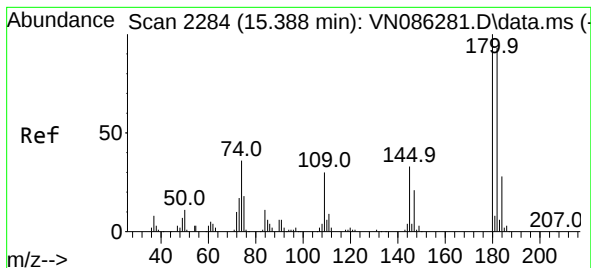
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.503 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

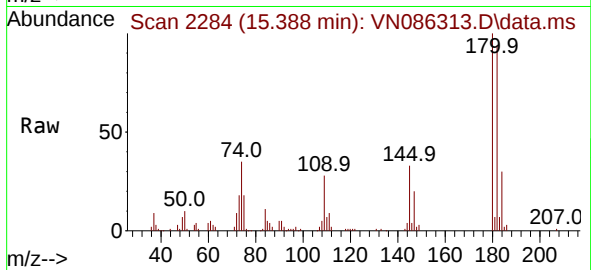
Tgt Ion: 75 Resp: 32045
Ion Ratio Lower Upper
75 100
155 78.9 40.3 120.9
157 98.9 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 48.897 ug/l
RT: 15.388 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

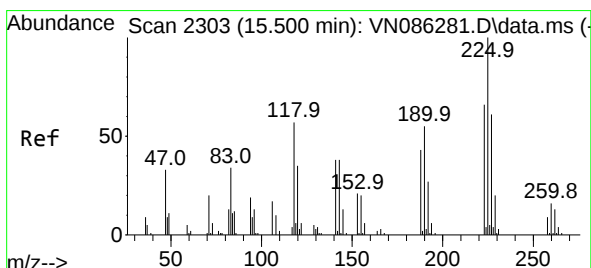
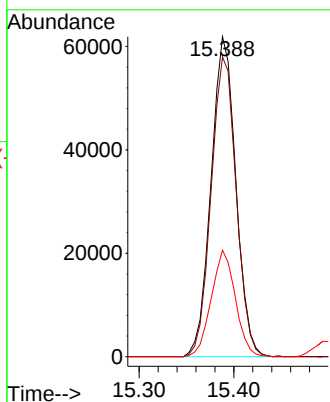
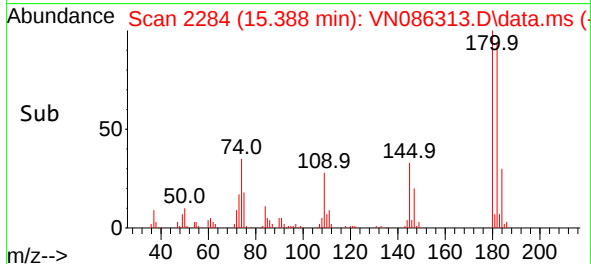
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



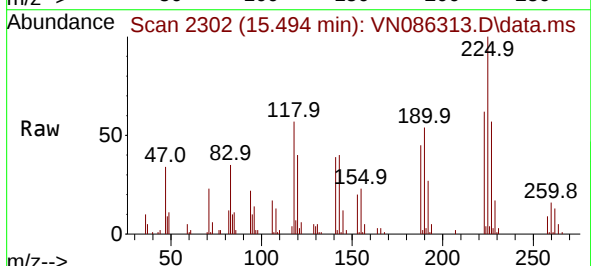
Tgt Ion:180 Resp: 11238
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.0
145 32.4 16.4 49.1

Manual Integrations
APPROVED

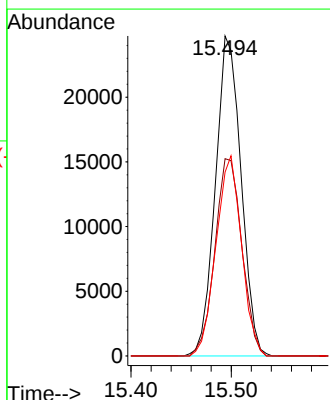
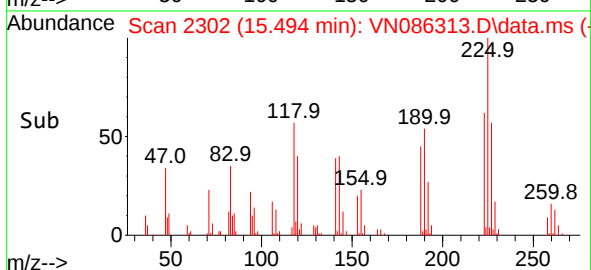
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

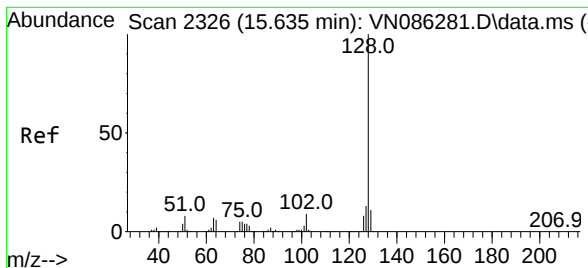


#94
Hexachlorobutadiene
Concen: 50.639 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19



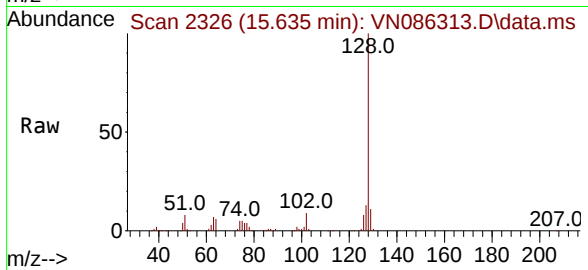
Tgt Ion:225 Resp: 43936
Ion Ratio Lower Upper
225 100
223 64.8 32.8 98.3
227 62.3 31.4 94.0





#95
Naphthalene
Concen: 46.690 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

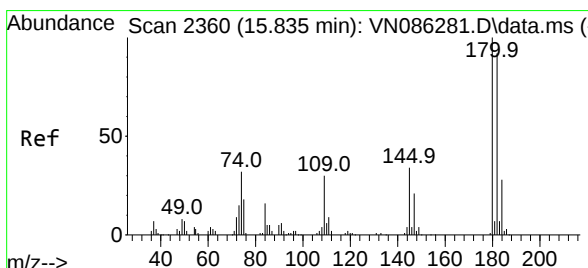
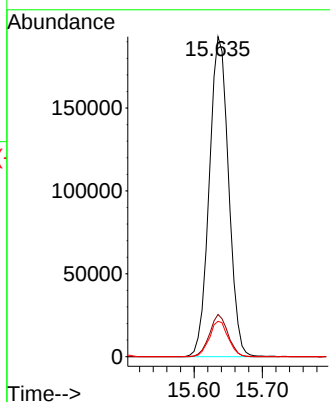
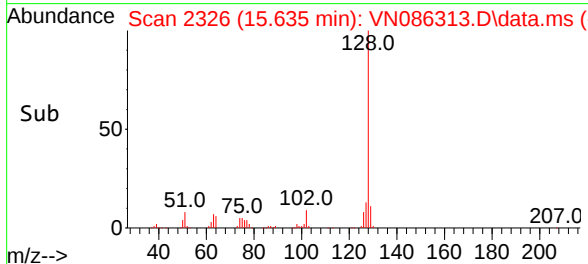
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 38040
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.8 8.6 13.0

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#96
1,2,3-Trichlorobenzene
Concen: 47.986 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086313.D
Acq: 17 Apr 2025 11:19

Tgt Ion:180 Resp: 104419
Ion Ratio Lower Upper
180 100
182 92.3 47.3 142.0
145 33.5 17.2 51.5

