

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031425\
 Data File : VN085988.D
 Acq On : 14 Mar 2025 14:45
 Operator : JC\MD
 Sample : VN0314WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

Quant Time: Mar 15 00:01:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	132047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	212111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	192344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	77703	45.389	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.780%
35) Dibromofluoromethane	8.165	113	61974	44.651	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.300%
50) Toluene-d8	10.565	98	214477	42.472	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	84.940%#
62) 4-Bromofluorobenzene	12.847	95	78807	47.366	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	31204	17.373	ug/l	94
3) Chloromethane	2.359	50	27383	15.193	ug/l	98
4) Vinyl Chloride	2.512	62	27021	14.160	ug/l	99
5) Bromomethane	2.959	94	18358	15.045	ug/l	99
6) Chloroethane	3.124	64	16465	13.026	ug/l	100
7) Trichlorofluoromethane	3.500	101	45991	16.646	ug/l	99
8) Diethyl Ether	3.959	74	15189	16.991	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	26187	16.397	ug/l	99
10) Methyl Iodide	4.589	142	34343	17.445	ug/l	91
11) Tert butyl alcohol	5.524	59	17958	85.288	ug/l	98
12) 1,1-Dichloroethene	4.342	96	23072	15.933	ug/l	98
13) Acrolein	4.183	56	23543	75.400	ug/l	95
14) Allyl chloride	5.024	41	28779	15.137	ug/l	96
15) Acrylonitrile	5.718	53	57831	84.486	ug/l	99
16) Acetone	4.424	43	43557	80.409	ug/l	99
17) Carbon Disulfide	4.712	76	70392	16.402	ug/l	98
18) Methyl Acetate	5.024	43	26496	14.221	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	78888	18.333	ug/l	94
20) Methylene Chloride	5.277	84	29719	17.060	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	24708	15.846	ug/l	91
22) Diisopropyl ether	6.665	45	72634	16.907	ug/l	97
23) Vinyl Acetate	6.600	43	238558	81.102	ug/l	98
24) 1,1-Dichloroethane	6.565	63	48461	16.594	ug/l	97
25) 2-Butanone	7.488	43	64461	80.887	ug/l	98
26) 2,2-Dichloropropane	7.488	77	43235	16.649	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	29016	16.049	ug/l	97
28) Bromochloromethane	7.806	49	21863	18.215	ug/l	95
29) Tetrahydrofuran	7.835	42	42736	83.045	ug/l	96
30) Chloroform	7.965	83	53215	17.437	ug/l	96
31) Cyclohexane	8.259	56	36326	14.856	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	48190	17.753	ug/l	97
36) 1,1-Dichloropropene	8.371	75	32579	16.585	ug/l	99
37) Ethyl Acetate	7.559	43	27952	17.291	ug/l	96
38) Carbon Tetrachloride	8.353	117	43226	18.520	ug/l	98
39) Methylcyclohexane	9.600	83	30191	15.645	ug/l	95
40) Benzene	8.606	78	110127	17.492	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	14879	17.218	ug/l	95
42) 1,2-Dichloroethane	8.665	62	39351	19.189	ug/l	99
43) Isopropyl Acetate	8.682	43	50931	17.599	ug/l	99
44) Trichloroethene	9.347	130	26794	17.333	ug/l	97
45) 1,2-Dichloropropane	9.618	63	26298	17.305	ug/l	96
46) Dibromomethane	9.700	93	19657	18.338	ug/l	98
47) Bromodichloromethane	9.888	83	42586	18.569	ug/l	97
48) Methyl methacrylate	9.677	41	20127	16.765	ug/l	92
49) 1,4-Dioxane	9.688	88	8926	390.985	ug/l #	94
51) 4-Methyl-2-Pentanone	10.441	43	135269	86.791	ug/l	97
52) Toluene	10.629	92	69678	18.880	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	39508	18.630	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	41769	17.962	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	26278	17.909	ug/l	96
56) Ethyl methacrylate	10.871	69	34459	17.919	ug/l	97
57) 1,3-Dichloropropane	11.159	76	44709	18.253	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	57042	81.011	ug/l	97
59) 2-Hexanone	11.194	43	95611	89.173	ug/l	98
60) Dibromochloromethane	11.359	129	33072	19.356	ug/l	97
61) 1,2-Dibromoethane	11.465	107	25991	18.747	ug/l	99
64) Tetrachloroethene	11.100	164	25661	17.221	ug/l	97
65) Chlorobenzene	11.888	112	74997	17.020	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	29075	18.358	ug/l	97
67) Ethyl Benzene	11.965	91	116342	16.856	ug/l	98
68) m/p-Xylenes	12.070	106	95060	36.257	ug/l	100
69) o-Xylene	12.394	106	44193	17.738	ug/l	100
70) Styrene	12.412	104	74954	17.608	ug/l	97
71) Bromoform	12.576	173	23158	19.678	ug/l #	99
73) Isopropylbenzene	12.694	105	106365	16.339	ug/l	100
74) N-amyl acetate	12.494	43	36664	15.971	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	36187	16.154	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	38689m	18.330	ug/l	
77) Bromobenzene	12.982	156	30905	17.572	ug/l	96
78) n-propylbenzene	13.035	91	125696	16.860	ug/l	98
79) 2-Chlorotoluene	13.123	91	83346	16.732	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	92668	17.475	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	11935	16.498	ug/l	96
82) 4-Chlorotoluene	13.217	91	86184	17.453	ug/l	99
83) tert-Butylbenzene	13.435	119	72892	16.346	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	91476	17.436	ug/l	99
85) sec-Butylbenzene	13.612	105	101364	16.088	ug/l	98
86) p-Isopropyltoluene	13.729	119	83690	15.763	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	55498	16.843	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	54675	16.189	ug/l	98
89) n-Butylbenzene	14.053	91	66540	14.875	ug/l	96
90) Hexachloroethane	14.329	117	18817	15.770	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	53357	16.839	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	6413	15.590	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	23790	15.756	ug/l	99
94) Hexachlorobutadiene	15.494	225	13563	14.781	ug/l	94
95) Naphthalene	15.641	128	62332	15.037	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	24887	16.419	ug/l	97

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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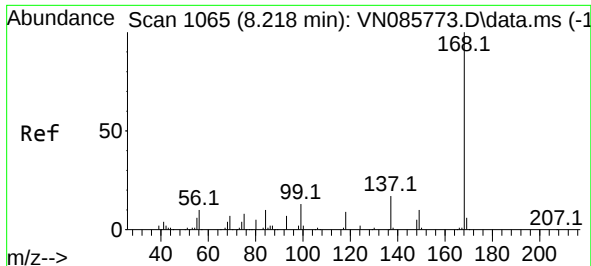
Manual Integrations
APPROVED

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Quant Time: Mar 15 00:01:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

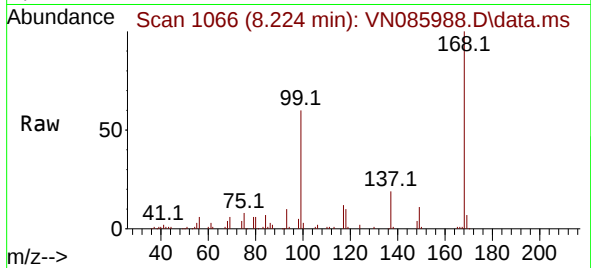
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

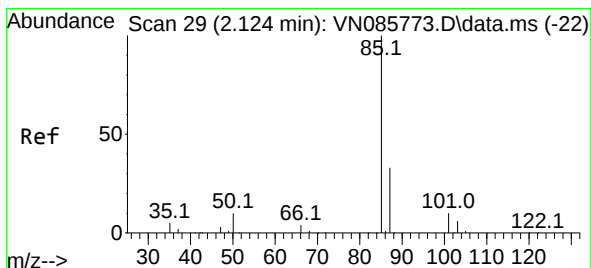
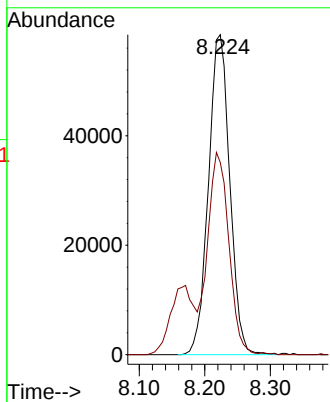
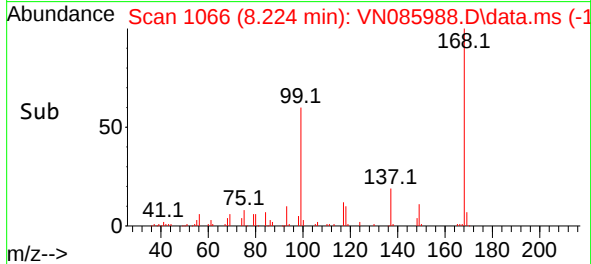
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



Tgt Ion:168 Resp: 13204
Ion Ratio Lower Upper
168 100
99 60.1 47.9 71.9

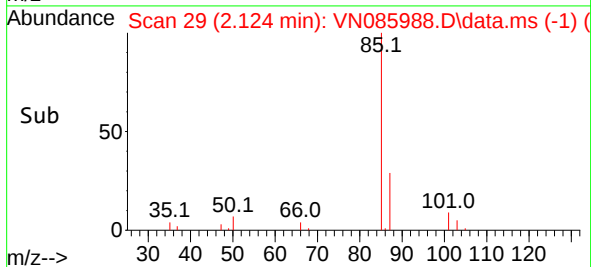
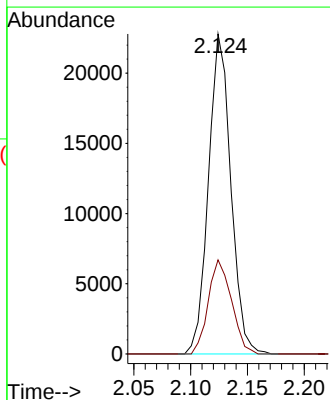
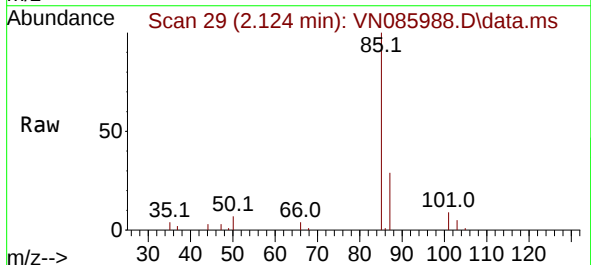
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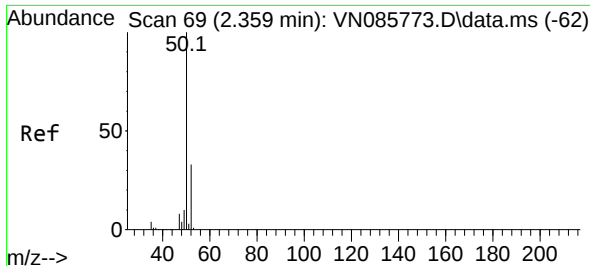
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#2
Dichlorodifluoromethane
Concen: 17.373 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

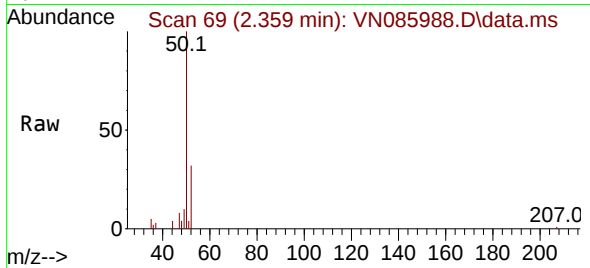
Tgt Ion: 85 Resp: 31204
Ion Ratio Lower Upper
85 100
87 29.4 16.4 49.2





#3
Chloromethane
Concen: 15.193 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

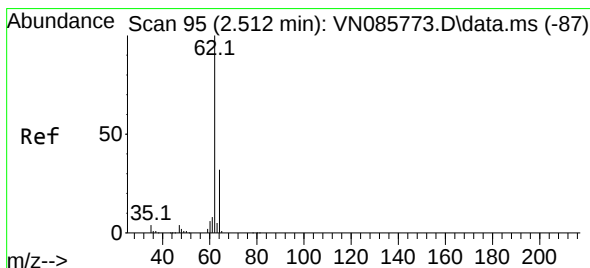
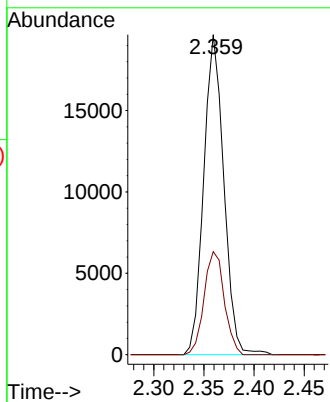
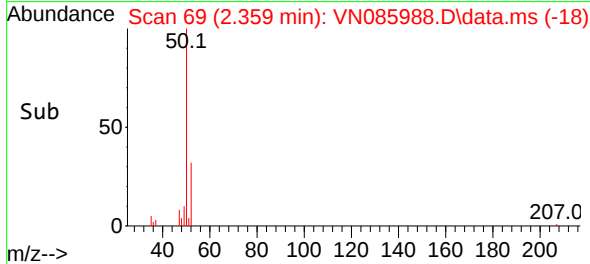
Instrument :
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ClientSampleId :
VN0314WBS02



Tgt Ion: 50 Resp: 2738
Ion Ratio Lower Upper
50 100
52 32.2 26.7 40.1

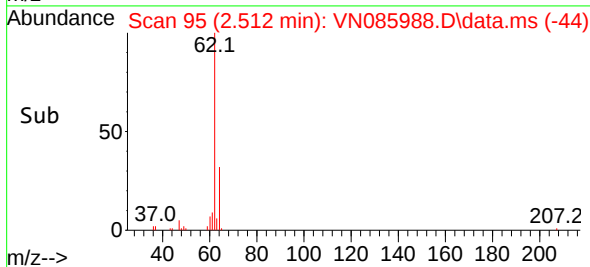
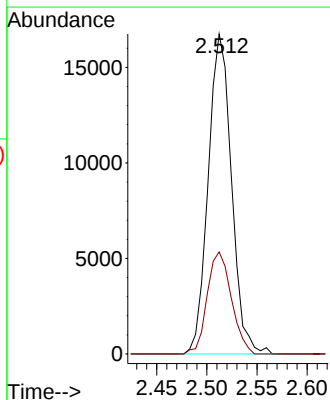
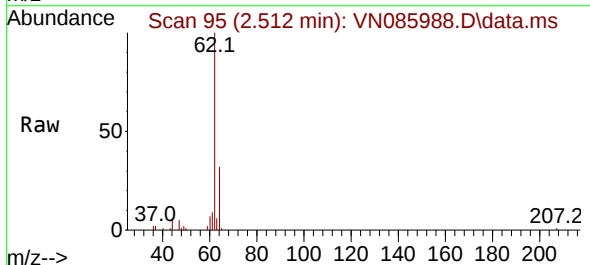
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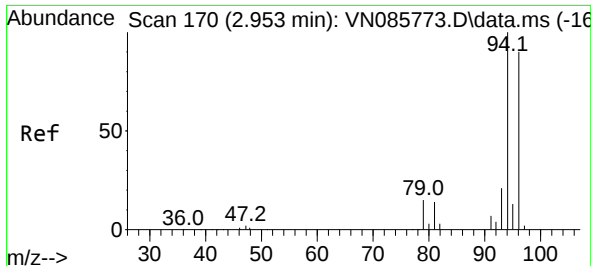
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#4
Vinyl Chloride
Concen: 14.160 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Tgt Ion: 62 Resp: 27021
Ion Ratio Lower Upper
62 100
64 31.9 25.9 38.9





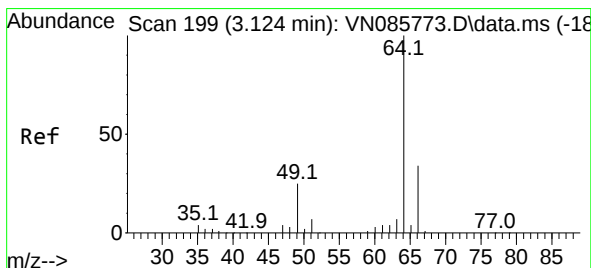
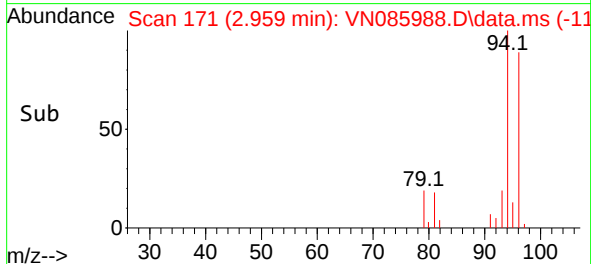
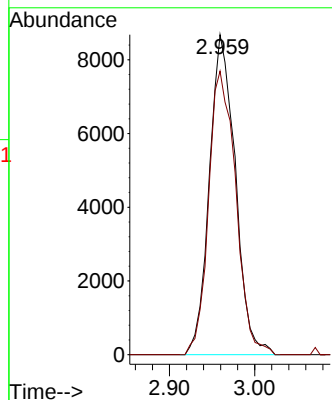
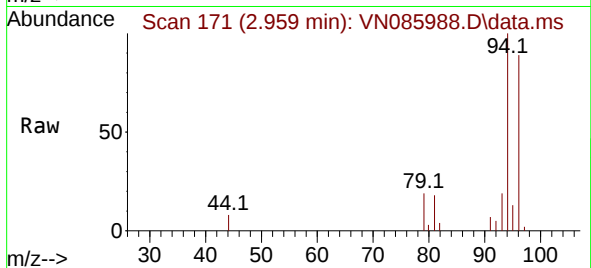
#5
Bromomethane
Concen: 15.045 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Instrument :
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Tgt Ion: 94 Resp: 18358
Ion Ratio Lower Upper
94 100
96 88.6 71.7 107.5

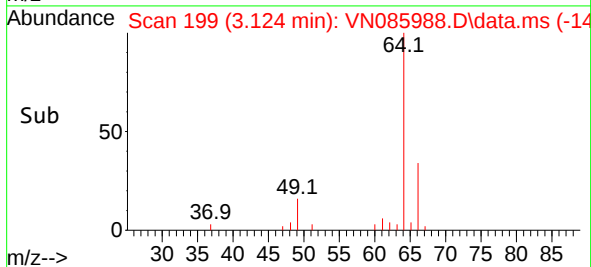
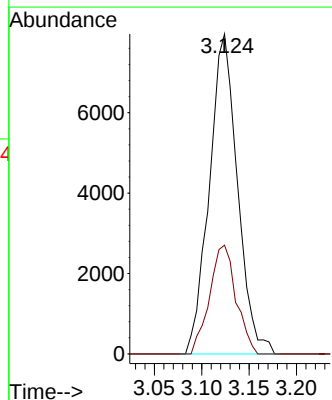
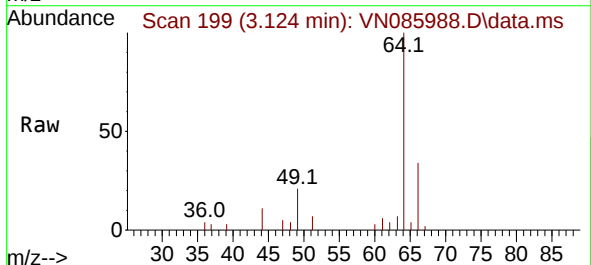
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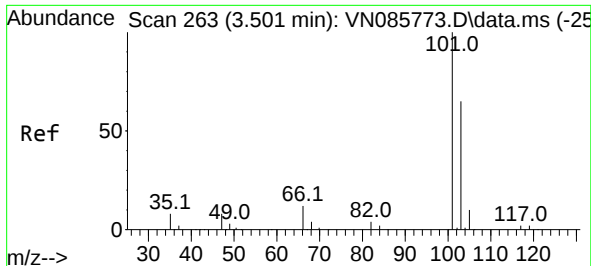
Reviewed By :John Carlone 03/18/2025
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#6
Chloroethane
Concen: 13.026 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

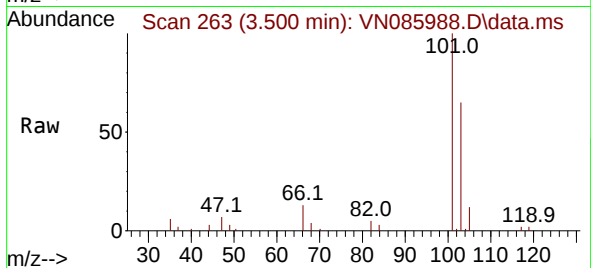
Tgt Ion: 64 Resp: 16465
Ion Ratio Lower Upper
64 100
66 34.0 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 16.646 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085988.D
 Acq: 14 Mar 2025 14:45

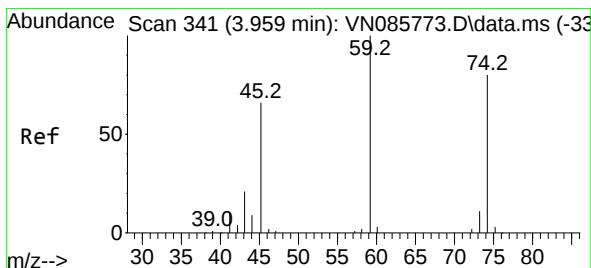
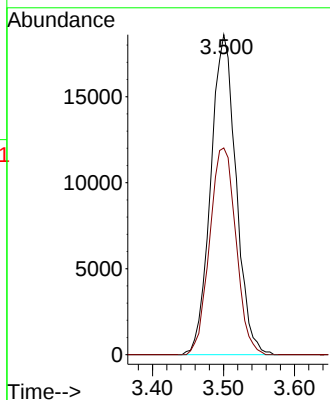
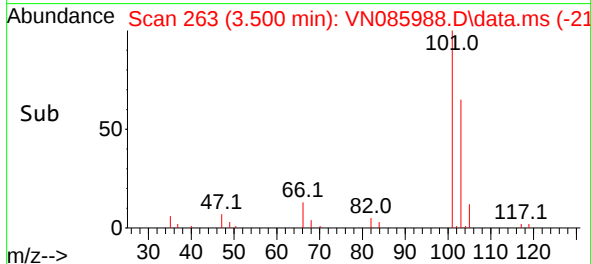
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS02



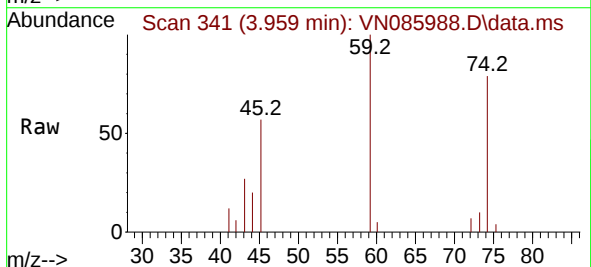
Tgt Ion:101 Resp: 4599
 Ion Ratio Lower Upper
 101 100
 103 64.6 52.2 78.4

Manual Integrations
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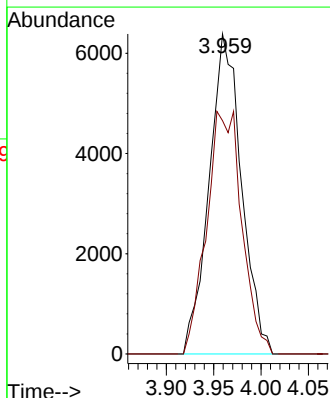
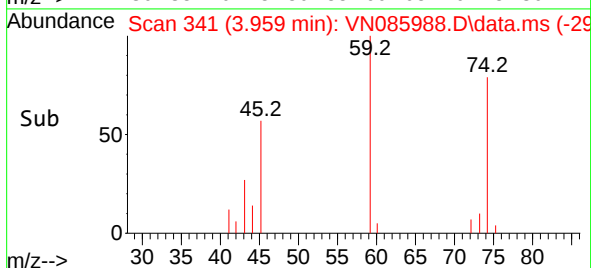
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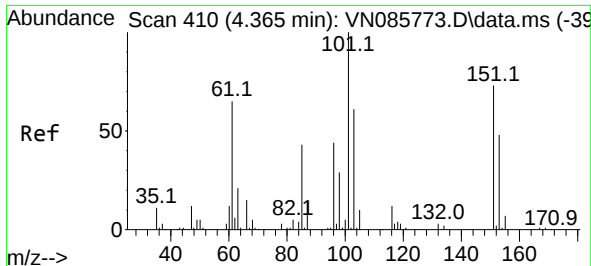


#8
 Diethyl Ether
 Concen: 16.991 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085988.D
 Acq: 14 Mar 2025 14:45



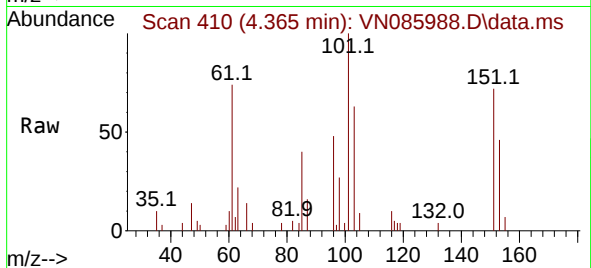
Tgt Ion: 74 Resp: 15189
 Ion Ratio Lower Upper
 74 100
 45 82.1 42.5 127.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.397 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

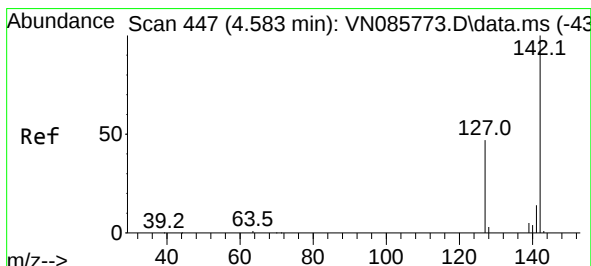
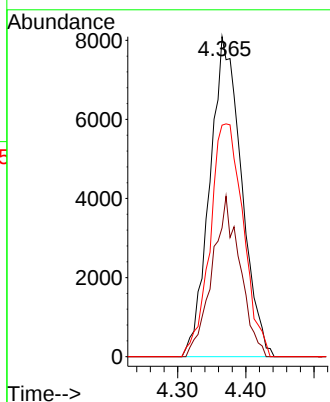
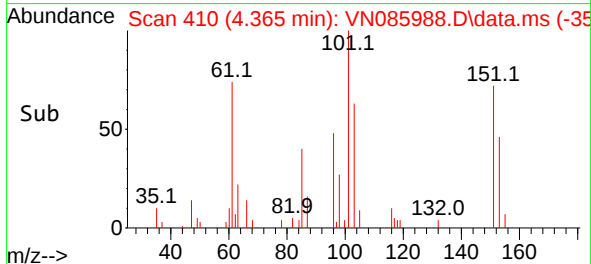
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



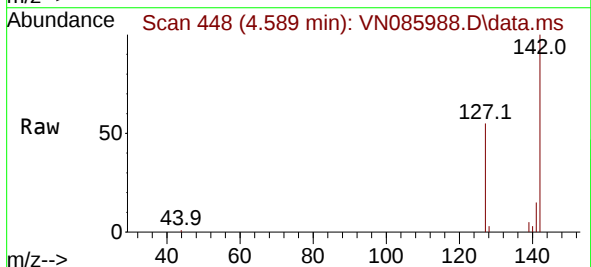
Tgt Ion:101 Resp: 2618
Ion Ratio Lower Upper
101 100
85 44.4 35.7 53.5
151 75.9 61.4 92.2

Manual Integrations
APPROVED

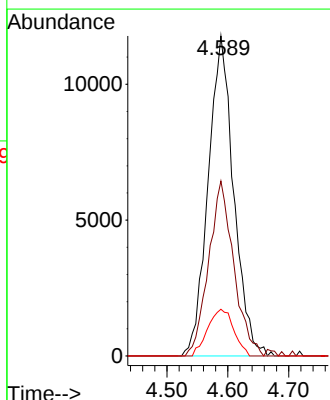
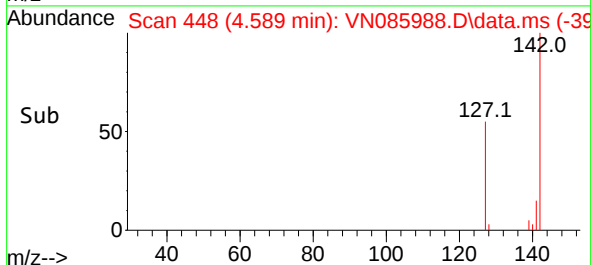
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

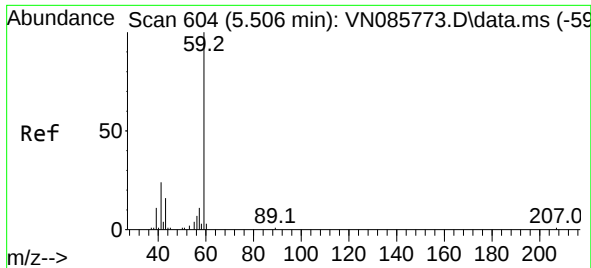


#10
Methyl Iodide
Concen: 17.445 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45



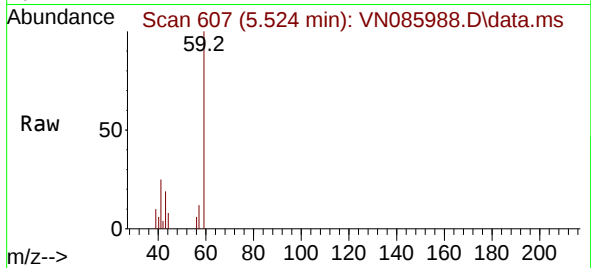
Tgt Ion:142 Resp: 34343
Ion Ratio Lower Upper
142 100
127 54.7 37.6 56.4
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 85.288 ug/l
RT: 5.524 min Scan# 604
Delta R.T. 0.018 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

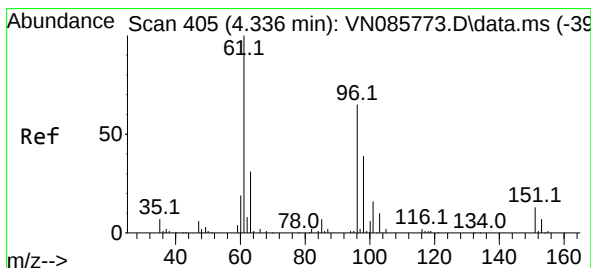
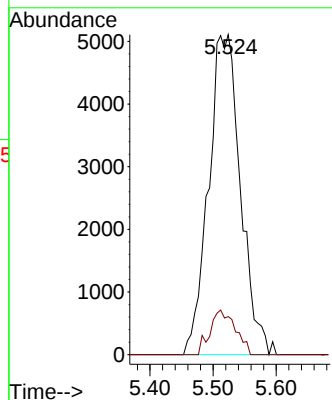
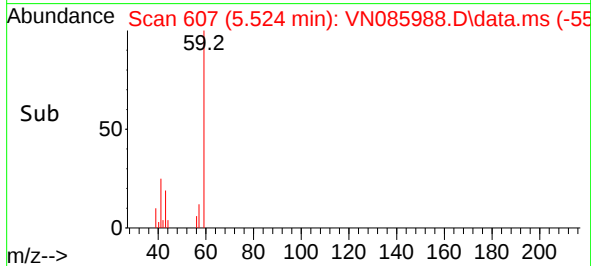
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



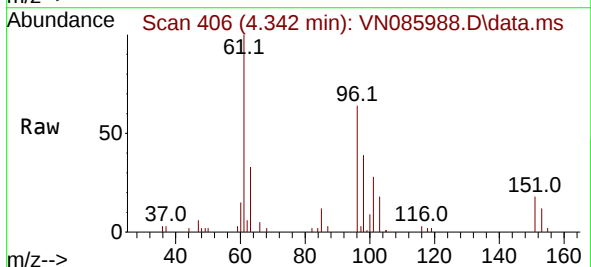
Tgt Ion: 59 Resp: 17958
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5

Manual Integrations
APPROVED

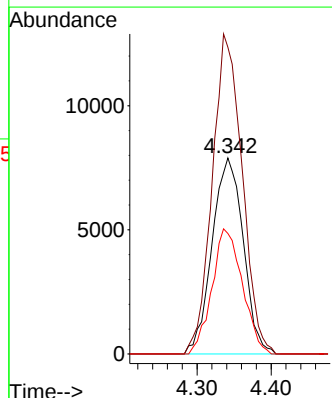
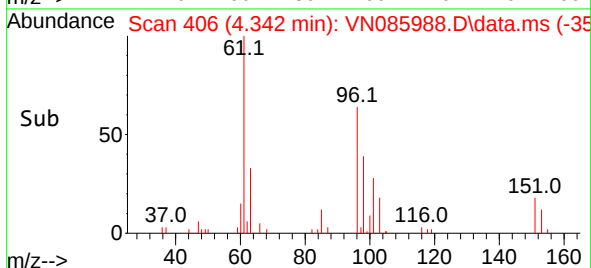
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

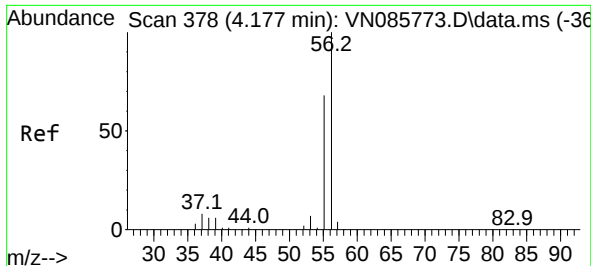


#12
1,1-Dichloroethene
Concen: 15.933 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45



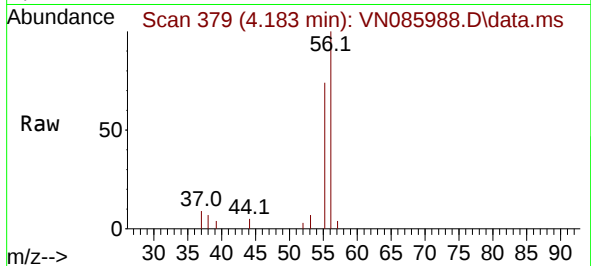
Tgt Ion: 96 Resp: 23072
Ion Ratio Lower Upper
96 100
61 156.5 123.3 184.9
98 61.5 48.6 72.8





#13
Acrolein
Concen: 75.400 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

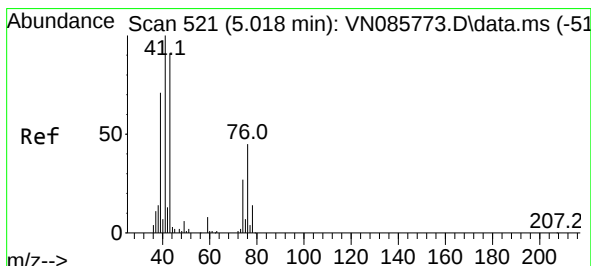
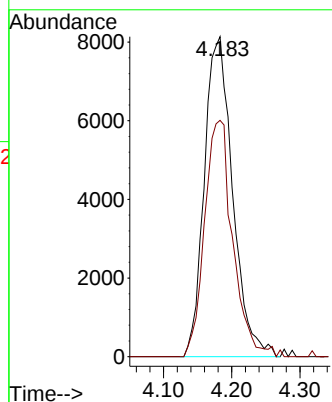
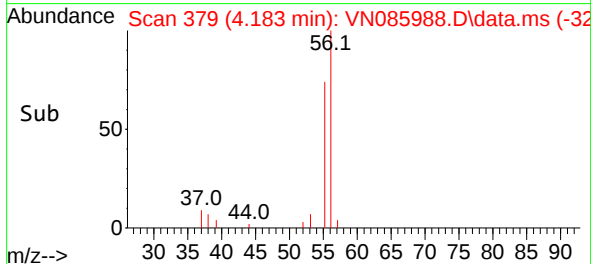
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



Tgt Ion: 56 Resp: 2354
Ion Ratio Lower Upper
56 100
55 73.5 55.3 82.9

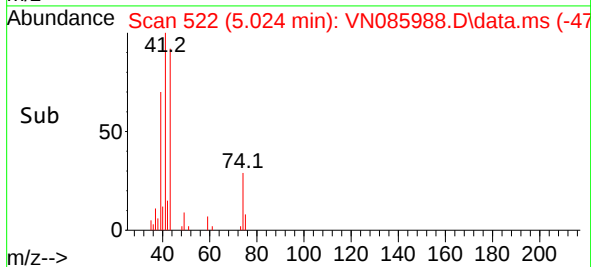
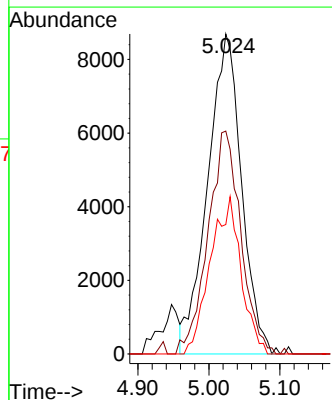
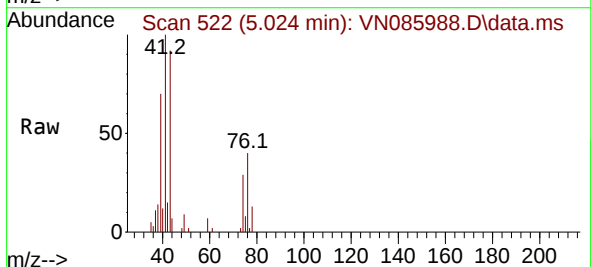
Manual Integrations
APPROVED

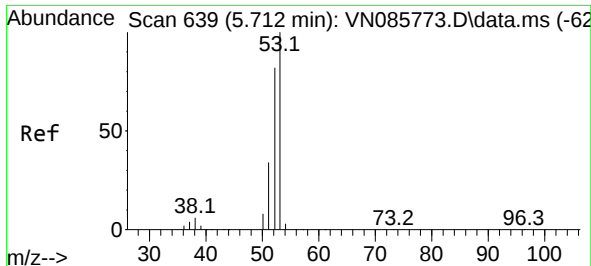
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#14
Allyl chloride
Concen: 15.137 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

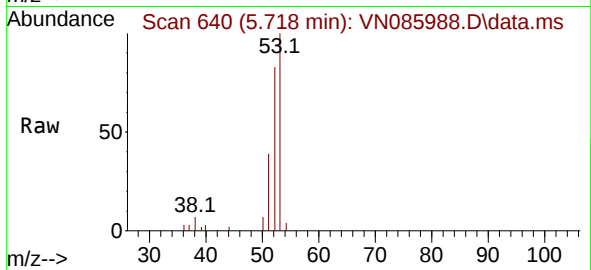
Tgt Ion: 41 Resp: 28779
Ion Ratio Lower Upper
41 100
39 67.6 57.4 86.2
76 44.5 36.2 54.2





#15
Acrylonitrile
Concen: 84.486 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

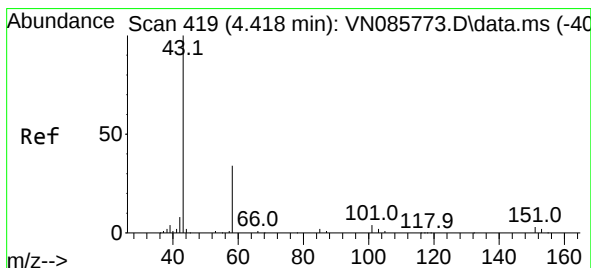
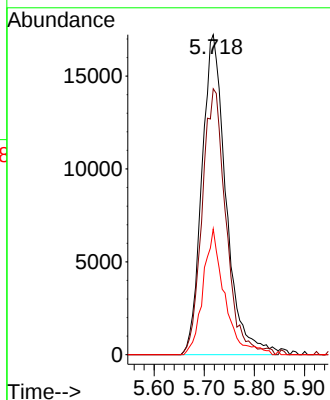
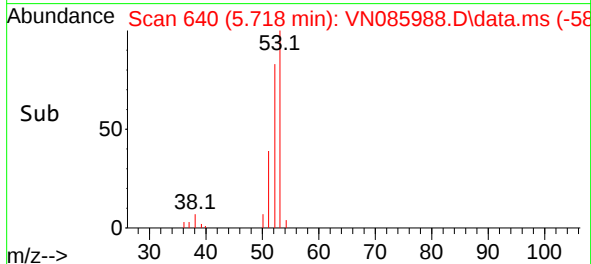
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



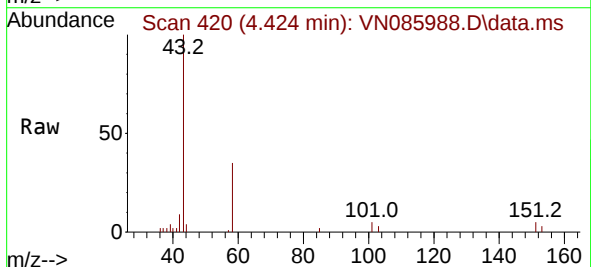
Tgt Ion: 53 Resp: 5783
Ion Ratio Lower Upper
53 100
52 81.2 65.8 98.6
51 35.1 28.6 42.8

Manual Integrations
APPROVED

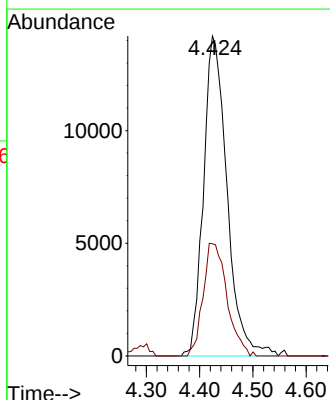
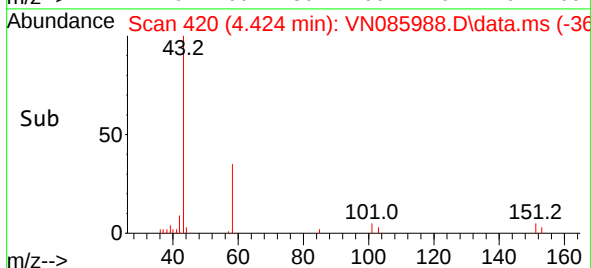
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

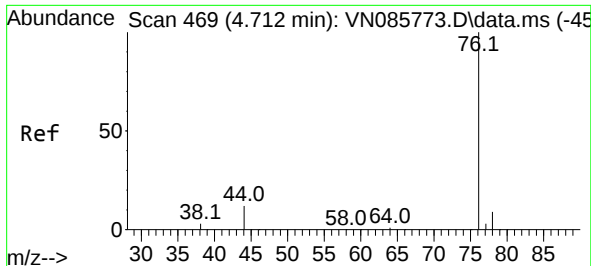


#16
Acetone
Concen: 80.409 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45



Tgt Ion: 43 Resp: 43557
Ion Ratio Lower Upper
43 100
58 35.0 27.5 41.3





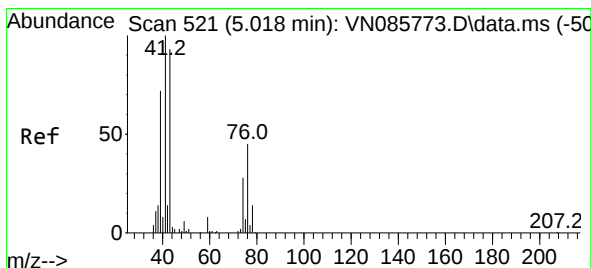
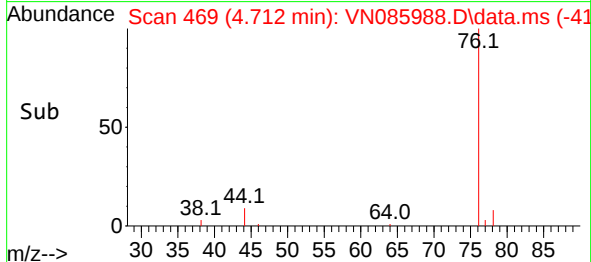
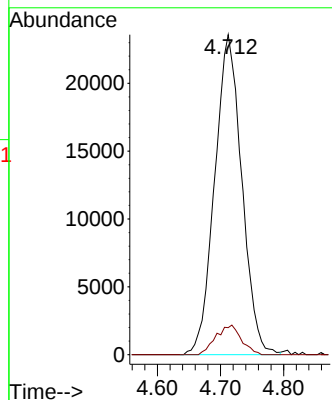
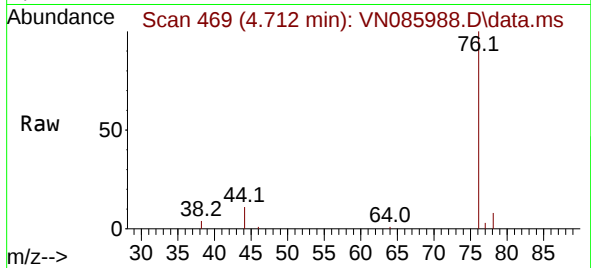
#17
Carbon Disulfide
Concen: 16.402 ug/l
RT: 4.712 min Scan# 40
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion: 76 Resp: 70392
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0

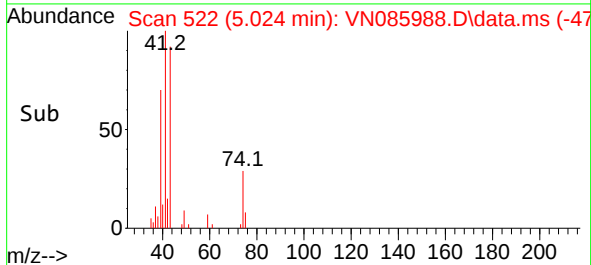
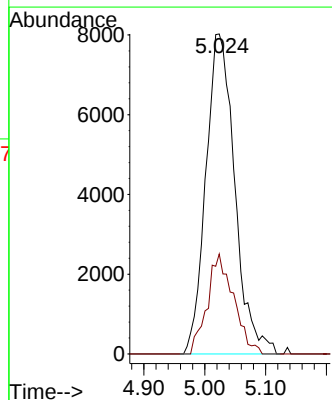
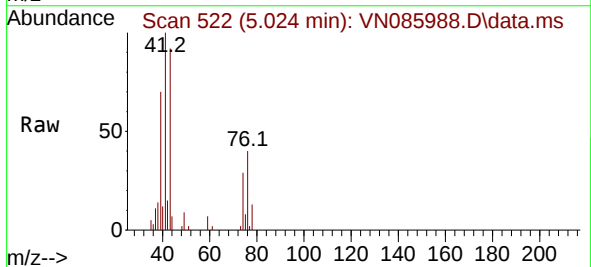
Manual Integrations
APPROVED

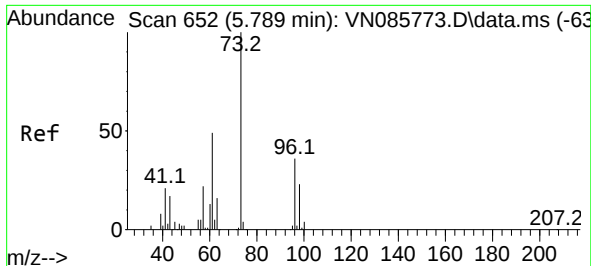
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#18
Methyl Acetate
Concen: 14.221 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Tgt Ion: 43 Resp: 26496
Ion Ratio Lower Upper
43 100
74 28.4 22.2 33.4





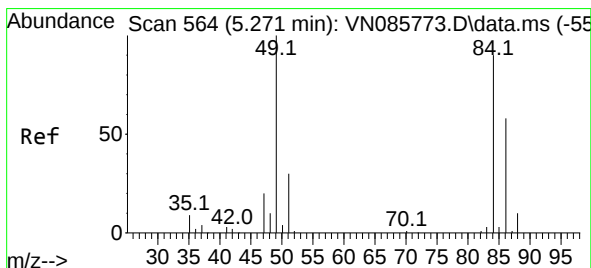
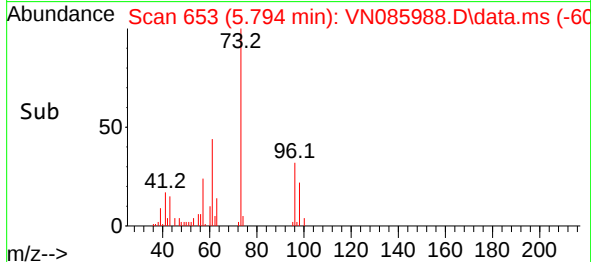
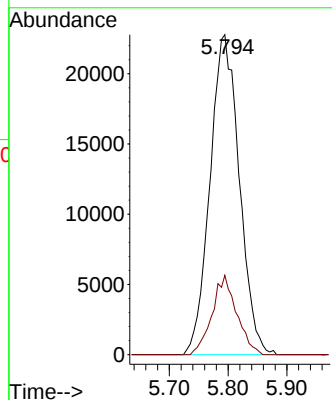
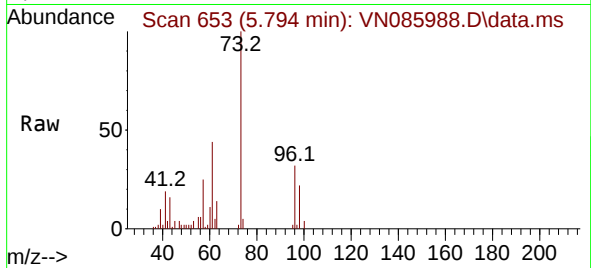
#19
Methyl tert-butyl Ether
Concen: 18.333 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion: 73 Resp: 7888
Ion Ratio Lower Upper
73 100
57 24.8 17.6 26.4

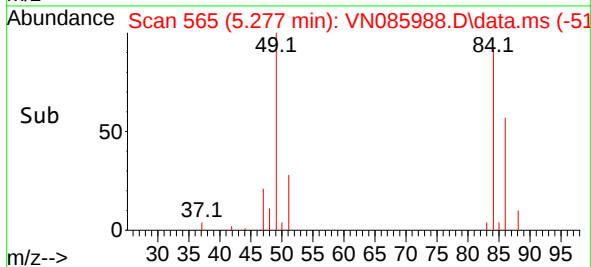
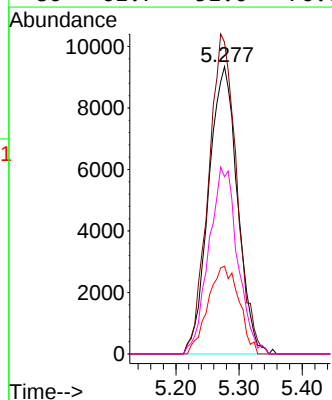
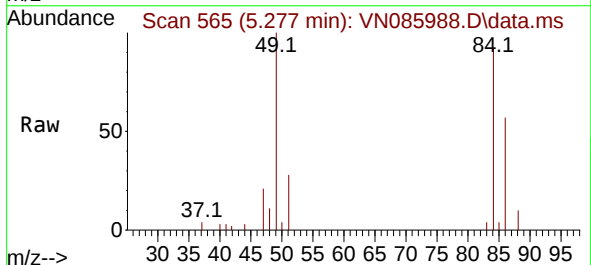
Manual Integrations
APPROVED

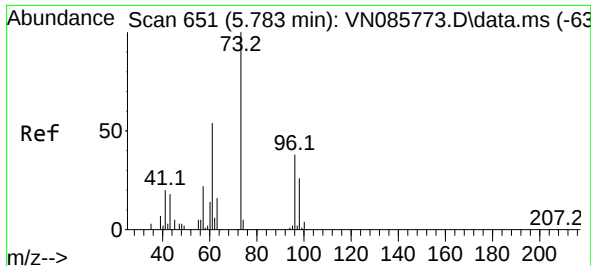
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#20
Methylene Chloride
Concen: 17.060 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

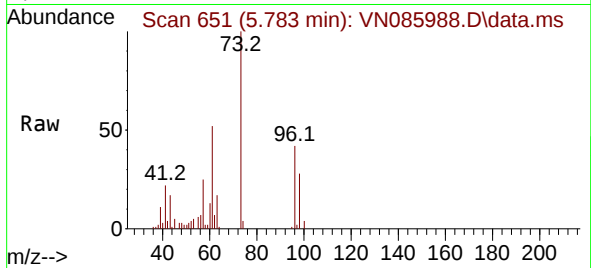
Tgt Ion: 84 Resp: 29719
Ion Ratio Lower Upper
84 100
49 108.4 88.4 132.6
51 30.5 26.6 40.0
86 61.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 15.846 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

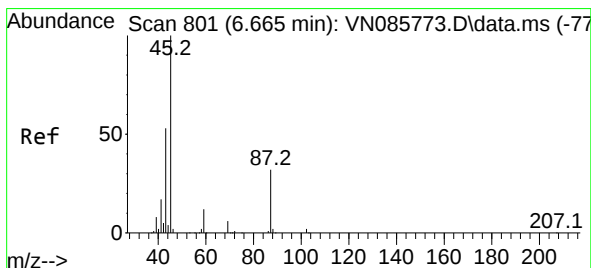
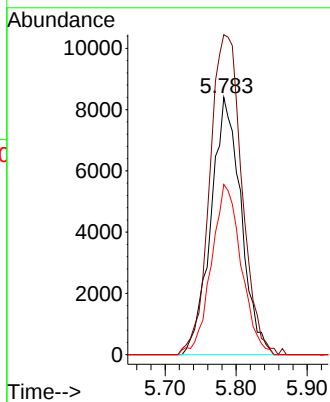
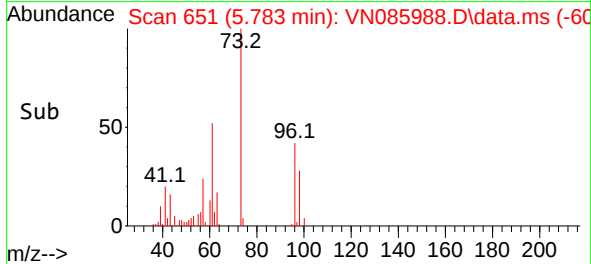
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



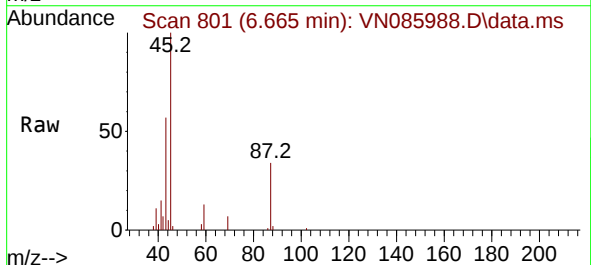
Tgt Ion: 96 Resp: 24708
Ion Ratio Lower Upper
96 100
61 124.4 112.6 168.8
98 66.2 53.3 79.9

Manual Integrations
APPROVED

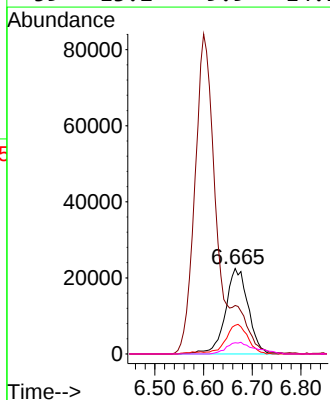
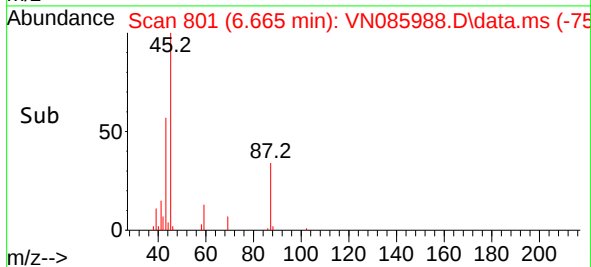
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

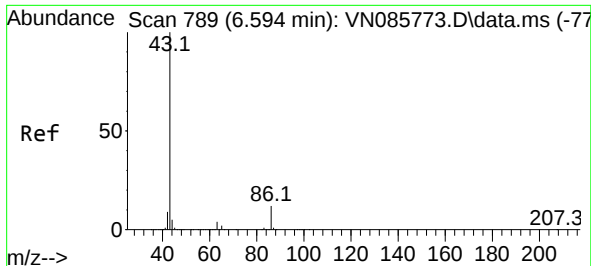


#22
Diisopropyl ether
Concen: 16.907 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45



Tgt Ion: 45 Resp: 72634
Ion Ratio Lower Upper
45 100
43 55.3 42.6 64.0
87 33.6 25.8 38.8
59 13.2 9.9 14.9





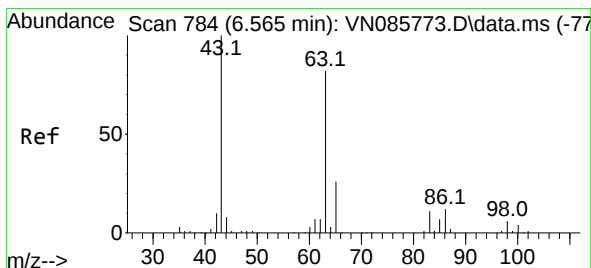
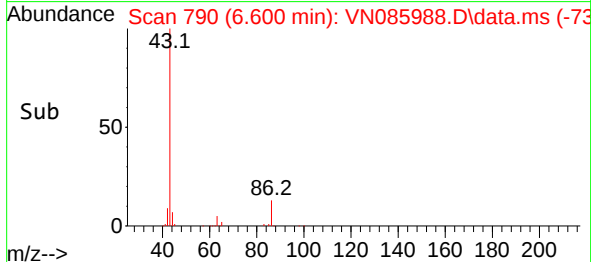
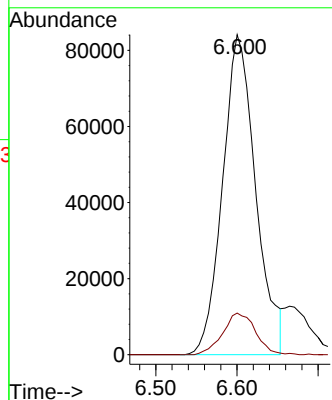
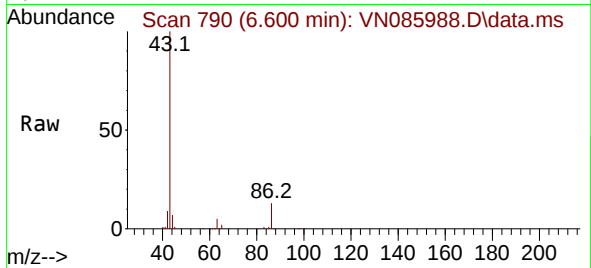
#23
 Vinyl Acetate
 Concen: 81.102 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085988.D
 Acq: 14 Mar 2025 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS02

Tgt Ion: 43 Resp: 238558
 Ion Ratio Lower Upper
 43 100
 86 13.0 9.8 14.8

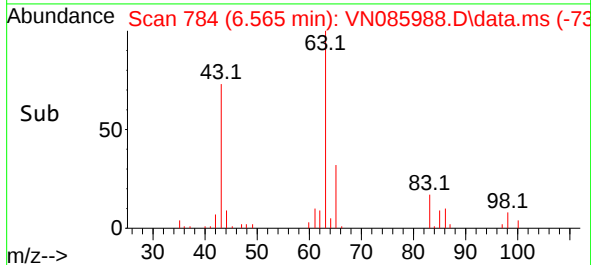
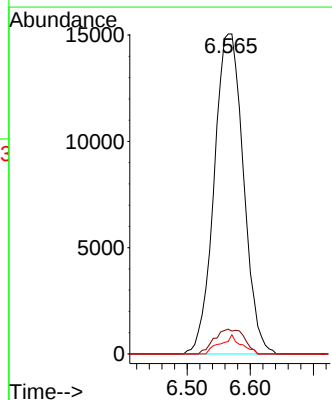
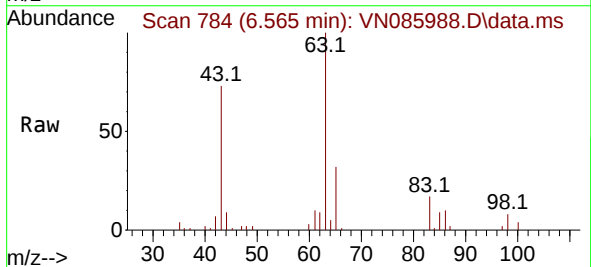
Manual Integrations
 APPROVED

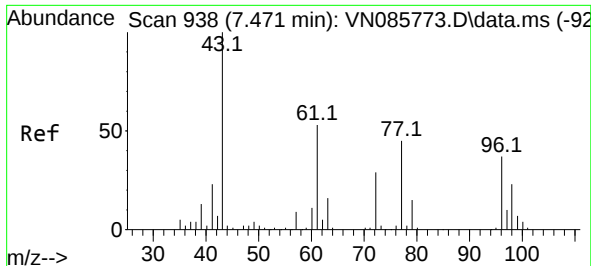
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#24
 1,1-Dichloroethane
 Concen: 16.594 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085988.D
 Acq: 14 Mar 2025 14:45

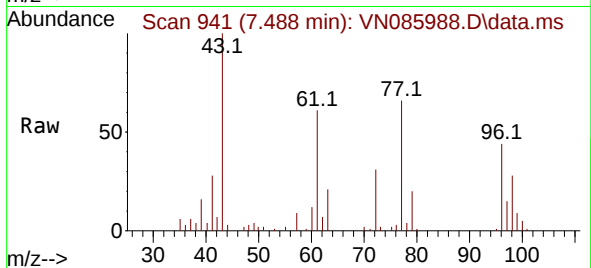
Tgt Ion: 63 Resp: 48461
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 3.9 2.4 7.2





#25
2-Butanone
Concen: 80.887 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.018 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

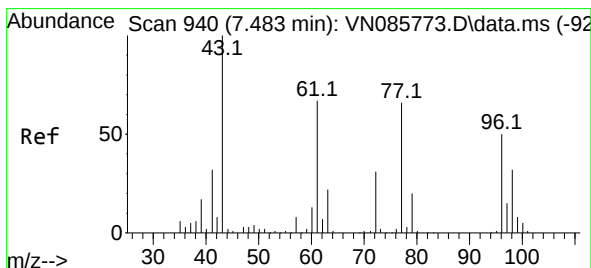
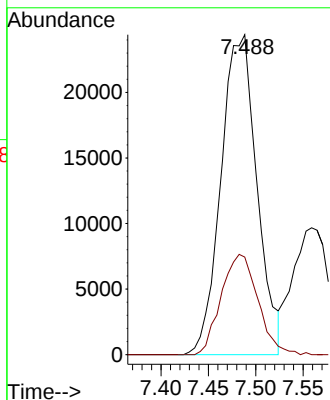
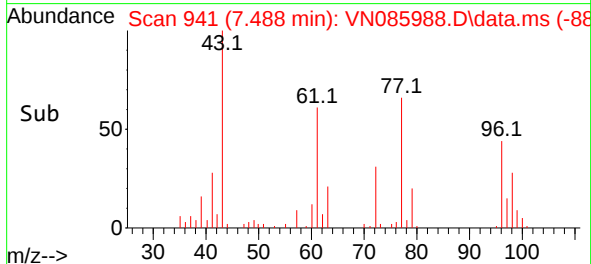
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



Tgt Ion: 43 Resp: 6446
Ion Ratio Lower Upper
43 100
72 30.5 23.6 35.4

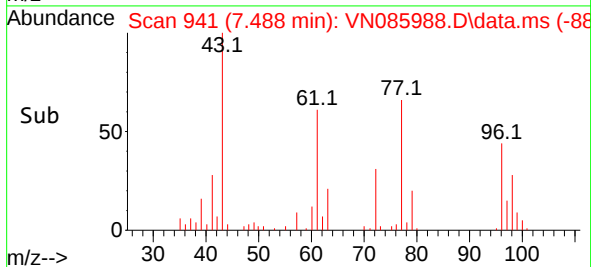
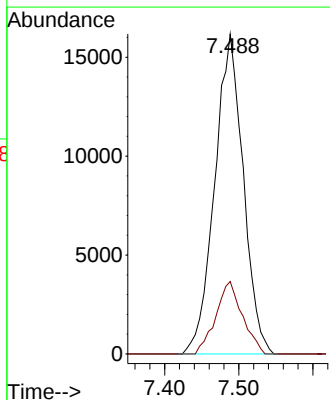
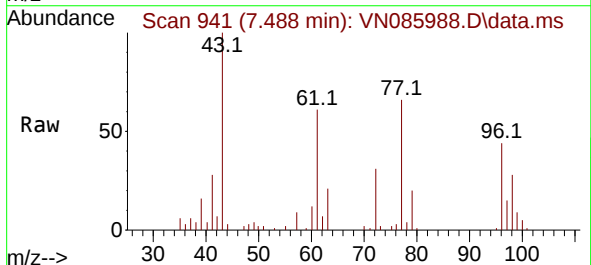
Manual Integrations
APPROVED

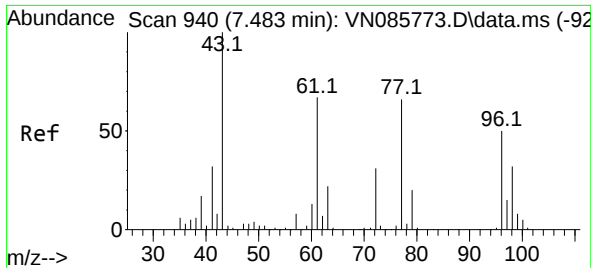
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#26
2,2-Dichloropropane
Concen: 16.649 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

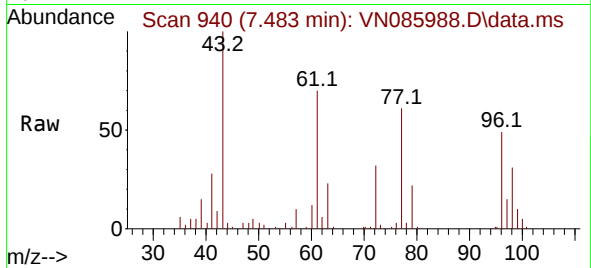
Tgt Ion: 77 Resp: 43235
Ion Ratio Lower Upper
77 100
97 21.1 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 16.049 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085988.D
 Acq: 14 Mar 2025 14:45

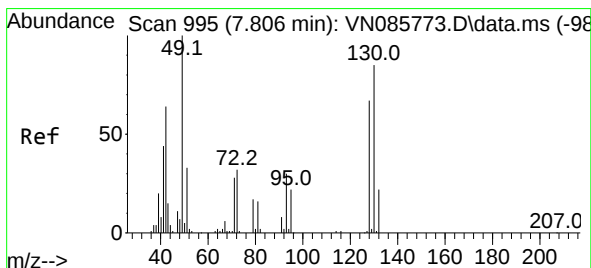
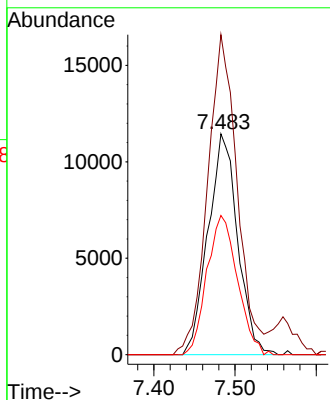
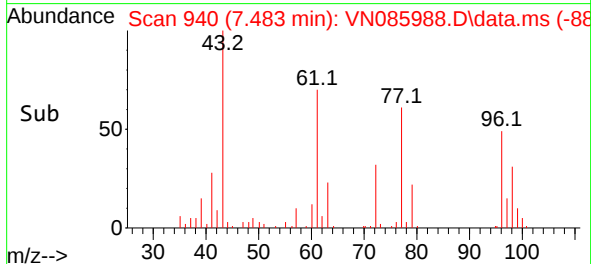
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS02



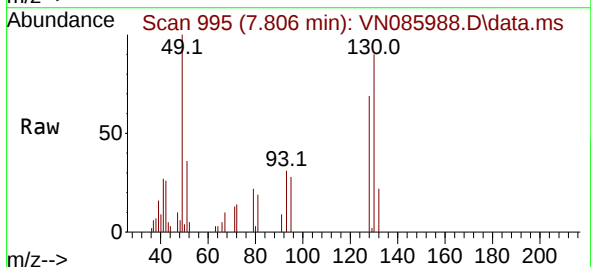
Tgt Ion: 96 Resp: 29010
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 280.6
 98 64.9 0.0 128.6

Manual Integrations
 APPROVED

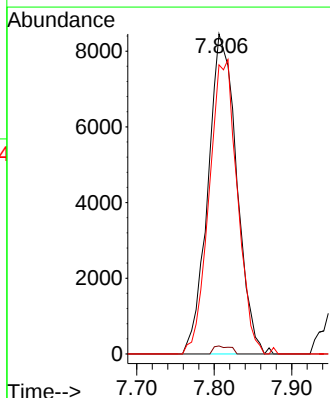
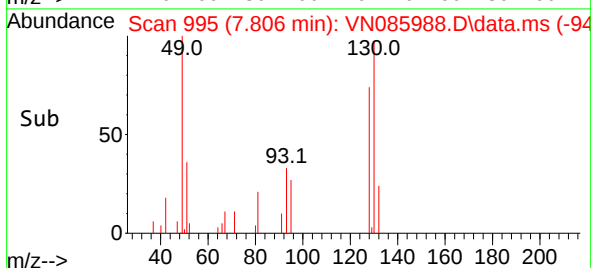
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

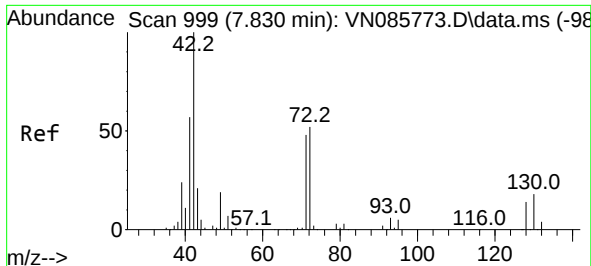


#28
 Bromochloromethane
 Concen: 18.215 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085988.D
 Acq: 14 Mar 2025 14:45



Tgt Ion: 49 Resp: 21863
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.8
 130 89.9 68.0 102.0





#29

Tetrahydrofuran

Concen: 83.045 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085988.D

Acq: 14 Mar 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS02

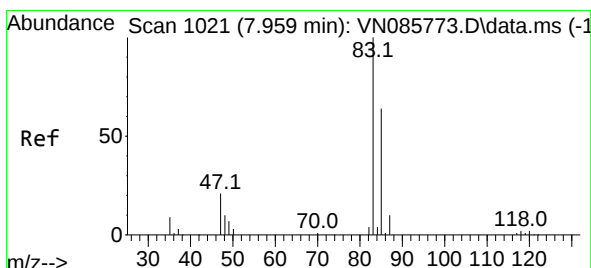
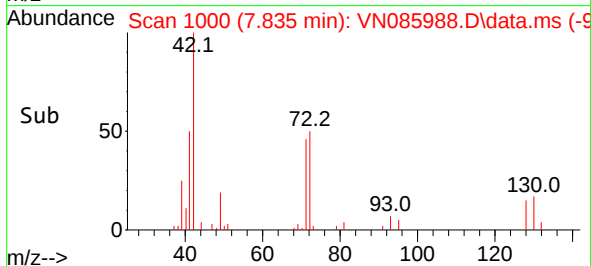
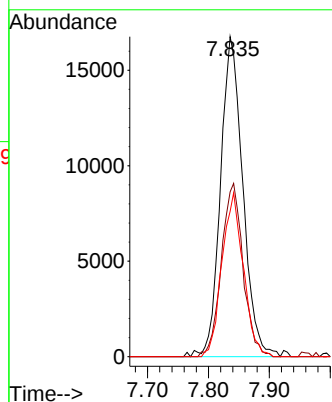
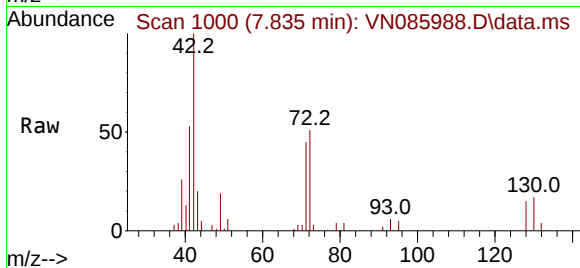
Tgt Ion: 42	Resp: 42730
Ion Ratio	Lower Upper
42	100
72	52.5 40.0 60.0
71	49.1 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#30

Chloroform

Concen: 17.437 ug/l

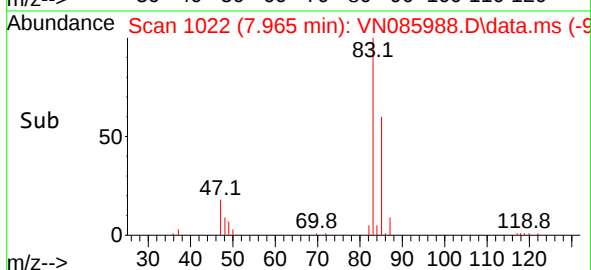
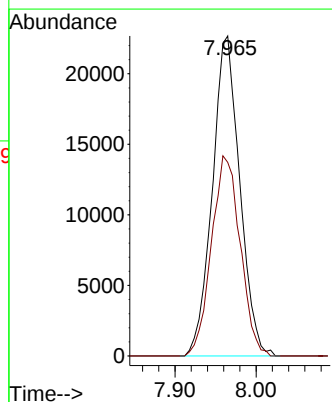
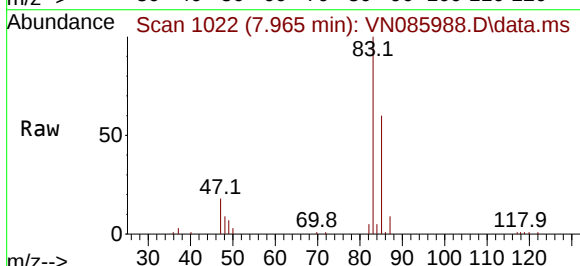
RT: 7.965 min Scan# 1022

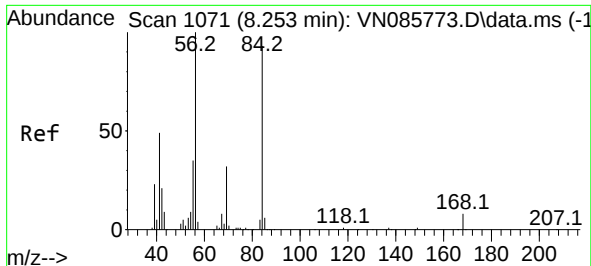
Delta R.T. 0.006 min

Lab File: VN085988.D

Acq: 14 Mar 2025 14:45

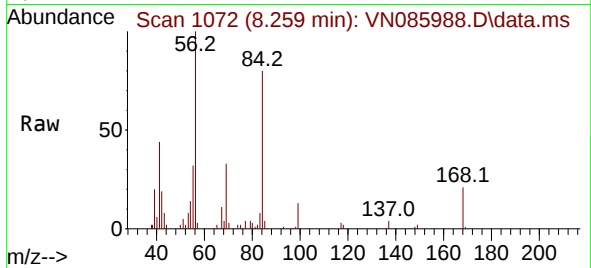
Tgt Ion: 83	Resp: 53215
Ion Ratio	Lower Upper
83	100
85	60.5 50.9 76.3





#31
Cyclohexane
Concen: 14.856 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

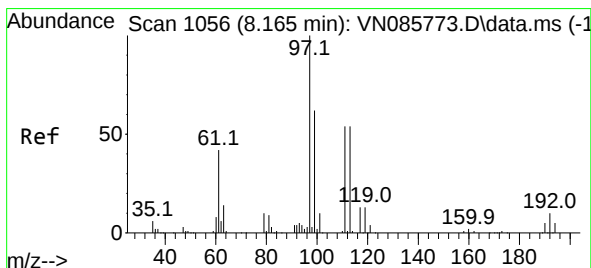
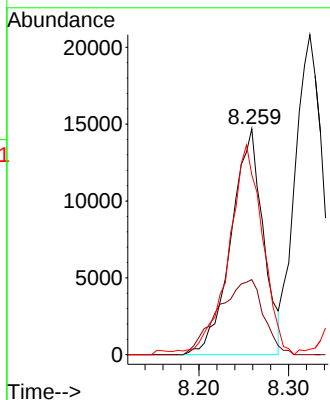
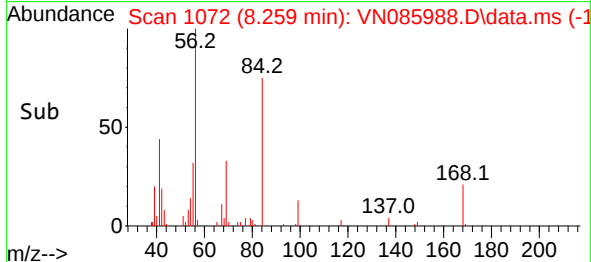
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



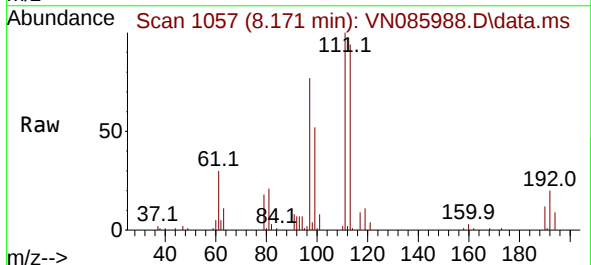
Tgt Ion: 56 Resp: 36320
Ion Ratio Lower Upper
56 100
69 33.2 25.8 38.6
84 77.7 74.5 111.7

Manual Integrations
APPROVED

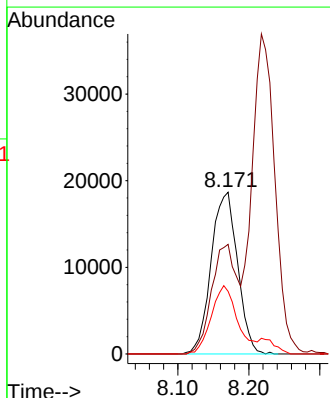
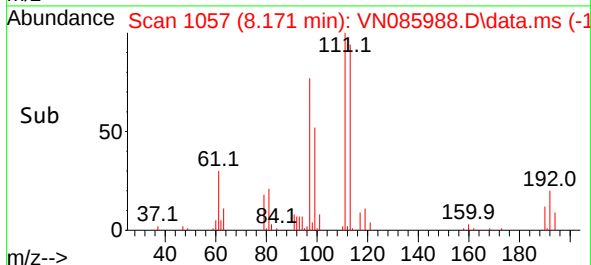
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

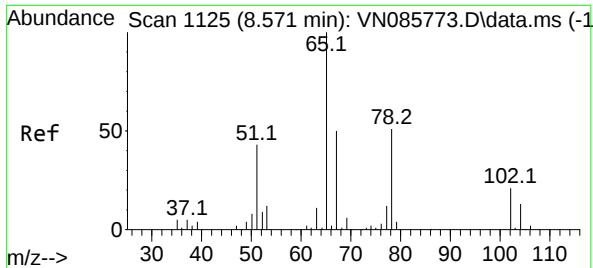


#32
1,1,1-Trichloroethane
Concen: 17.753 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45



Tgt Ion: 97 Resp: 48190
Ion Ratio Lower Upper
97 100
99 65.4 50.4 75.6
61 42.3 35.5 53.3





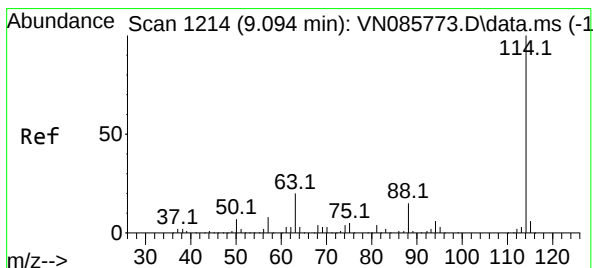
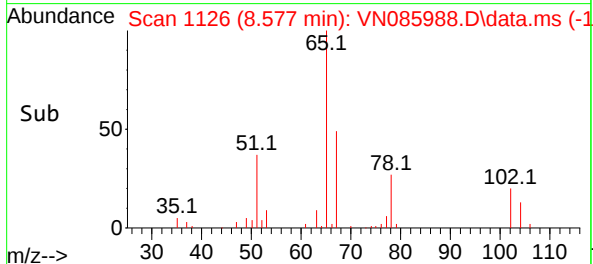
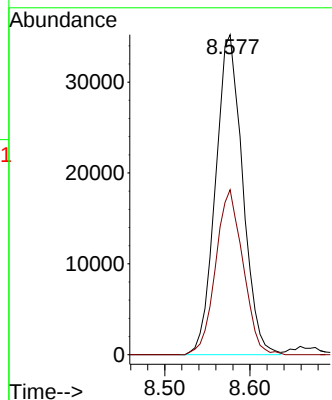
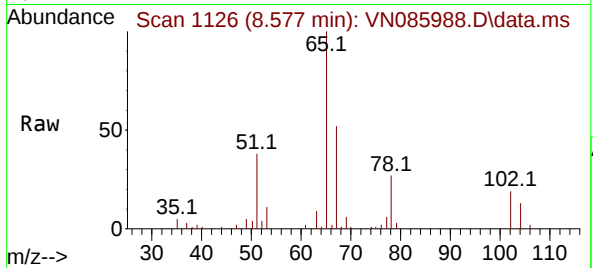
#33
1,2-Dichloroethane-d4
Concen: 45.389 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion: 65 Resp: 7770
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.2

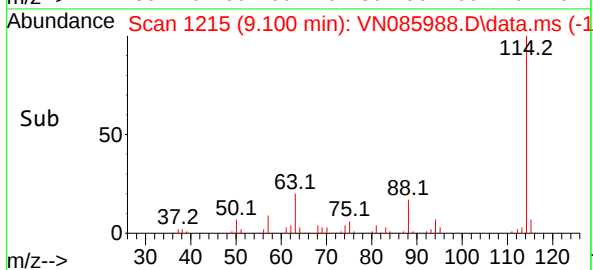
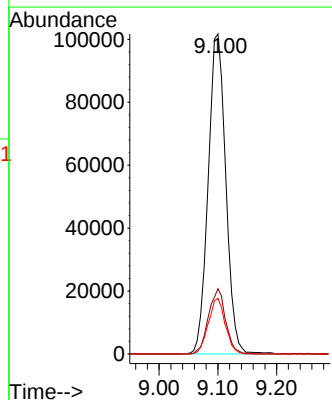
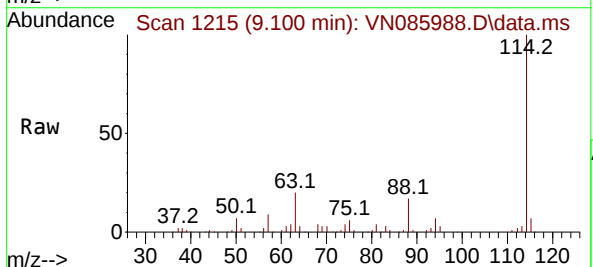
Manual Integrations
APPROVED

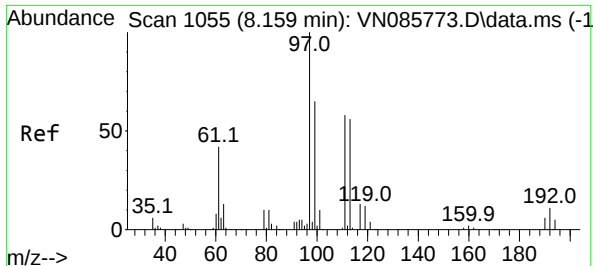
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Tgt Ion:114 Resp: 212111
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.2
88 17.4 0.0 30.0





#35

Dibromofluoromethane

Concen: 44.651 ug/l

RT: 8.165 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN085988.D

Acq: 14 Mar 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS02

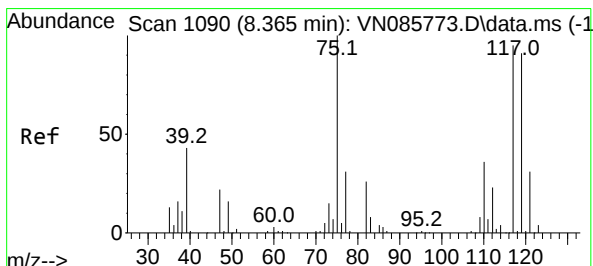
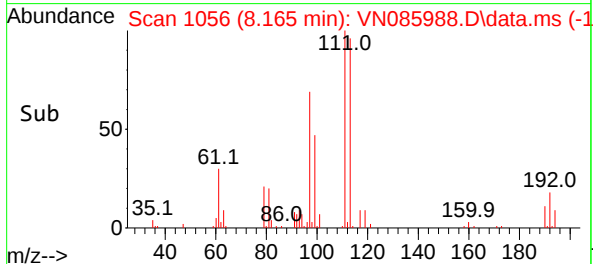
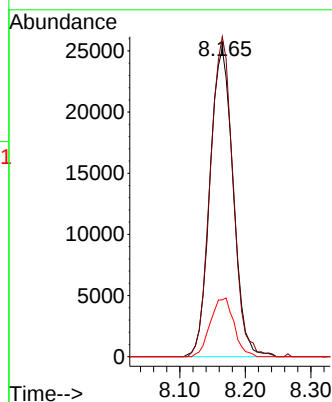
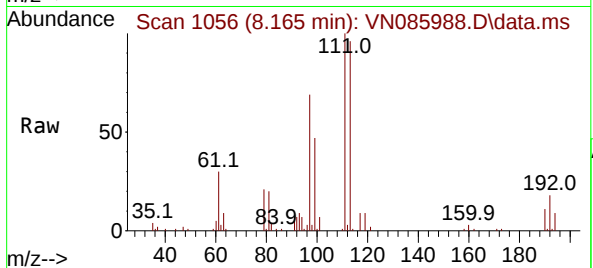
Tgt Ion:	113	Resp:	61974
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	19.3	14.7	22.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#36

1,1-Dichloropropene

Concen: 16.585 ug/l

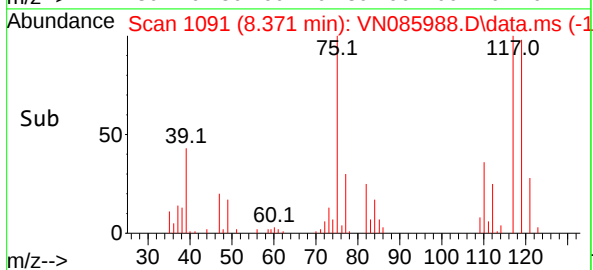
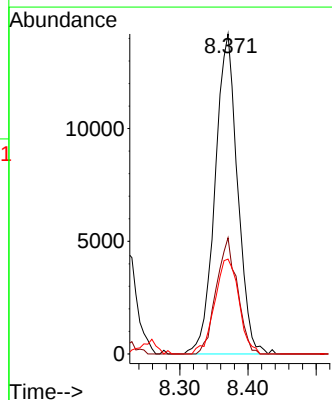
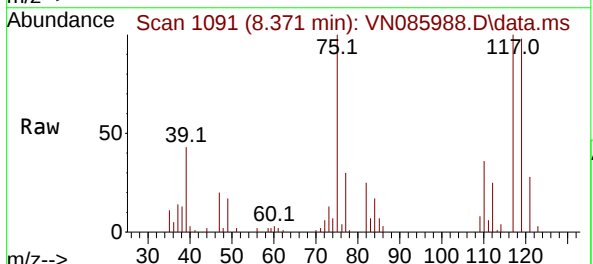
RT: 8.371 min Scan# 1091

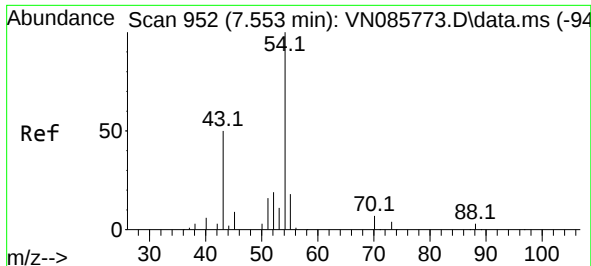
Delta R.T. 0.006 min

Lab File: VN085988.D

Acq: 14 Mar 2025 14:45

Tgt Ion:	75	Resp:	32579
Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.3	52.0
77	31.9	24.6	37.0





#37

Ethyl Acetate

Concen: 17.291 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085988.D

Acq: 14 Mar 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS02

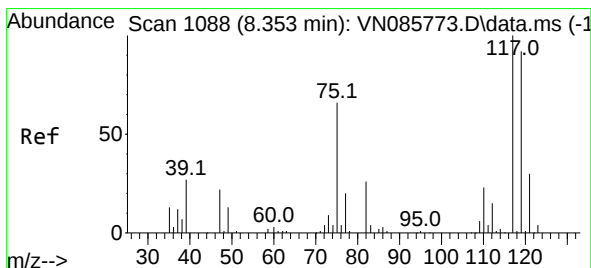
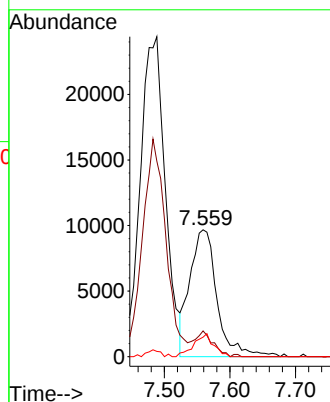
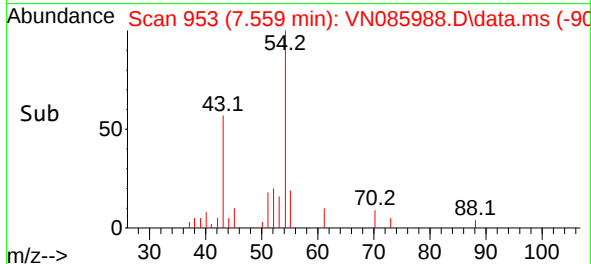
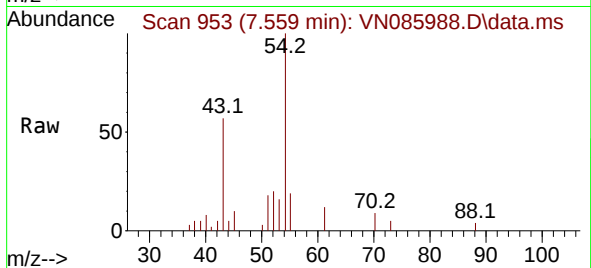
Tgt Ion:	43	Resp:	2795
Ion	Ratio	Lower	Upper
43	100		
61	12.9	12.2	18.2
70	13.1	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#38

Carbon Tetrachloride

Concen: 18.520 ug/l

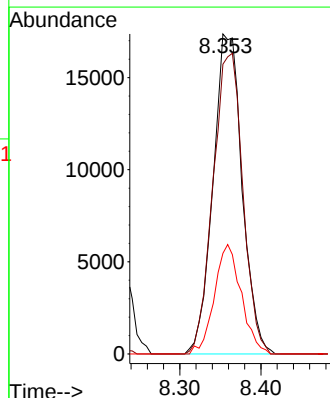
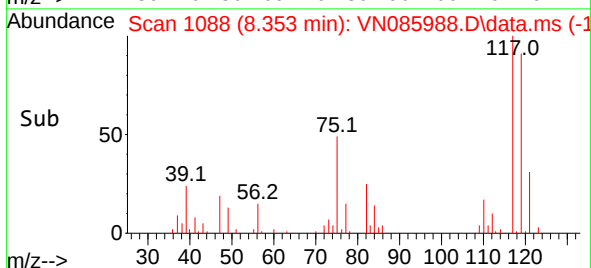
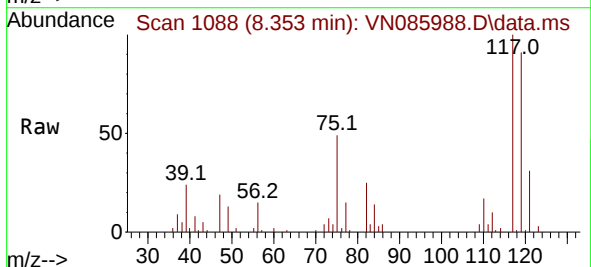
RT: 8.353 min Scan# 1088

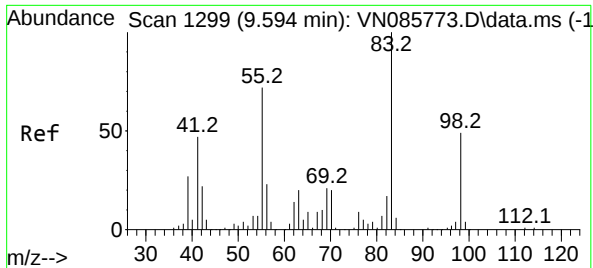
Delta R.T. -0.000 min

Lab File: VN085988.D

Acq: 14 Mar 2025 14:45

Tgt Ion:	117	Resp:	43226
Ion	Ratio	Lower	Upper
117	100		
119	90.6	73.8	110.6
121	31.4	24.3	36.5





#39

Methylcyclohexane

Concen: 15.645 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085988.D

Acq: 14 Mar 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS02

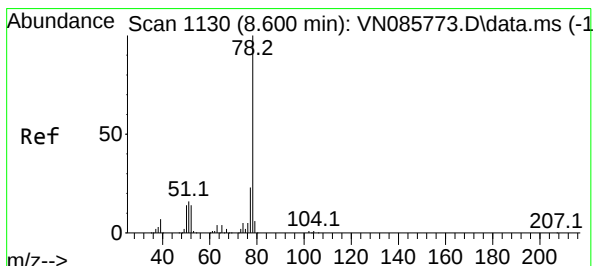
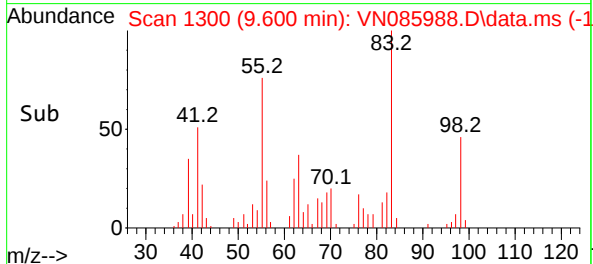
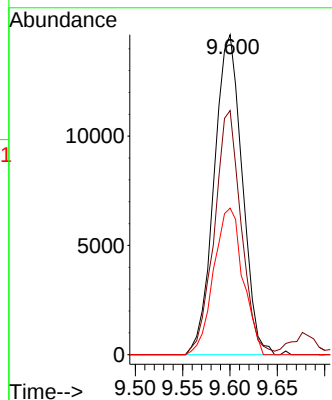
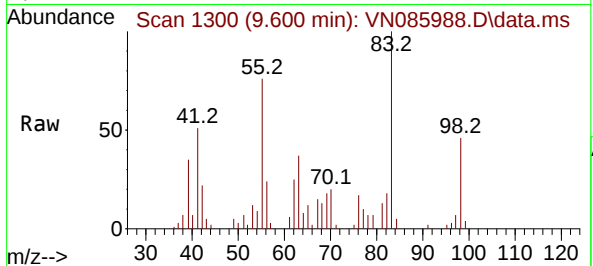
Tgt Ion: 83	Resp: 3019
Ion Ratio	Lower Upper
83	100
55	76.3 57.5 86.3
98	45.8 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#40

Benzene

Concen: 17.492 ug/l

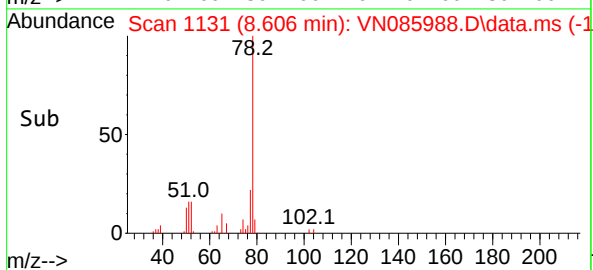
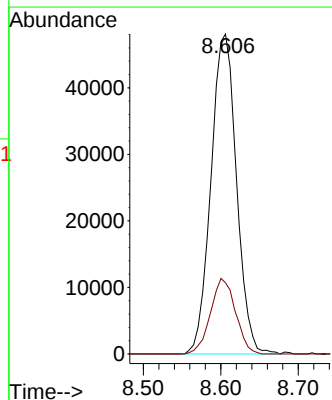
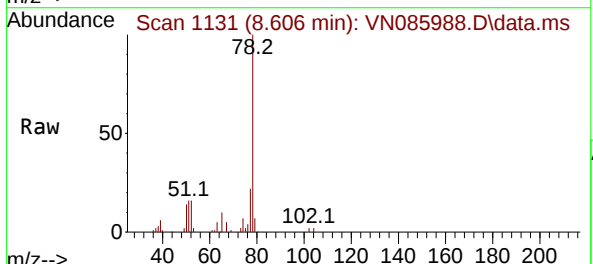
RT: 8.606 min Scan# 1131

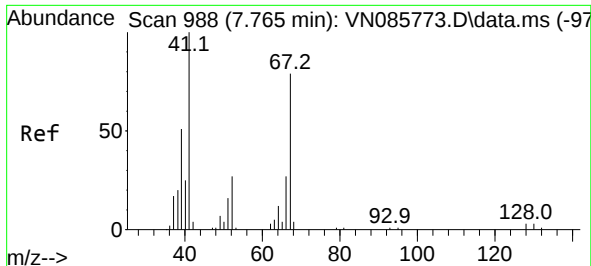
Delta R.T. 0.006 min

Lab File: VN085988.D

Acq: 14 Mar 2025 14:45

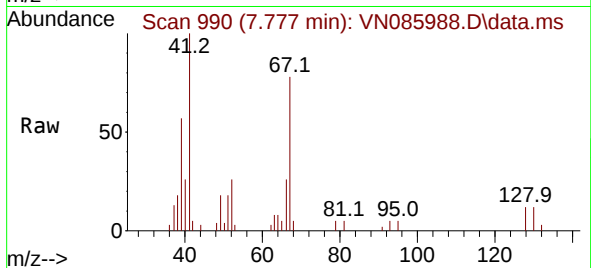
Tgt Ion: 78	Resp: 110127
Ion Ratio	Lower Upper
78	100
77	22.3 18.3 27.5





#41
Methacrylonitrile
Concen: 17.218 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.012 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

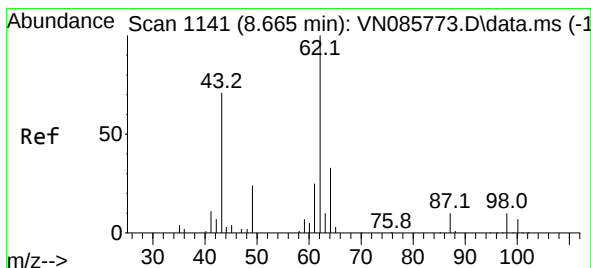
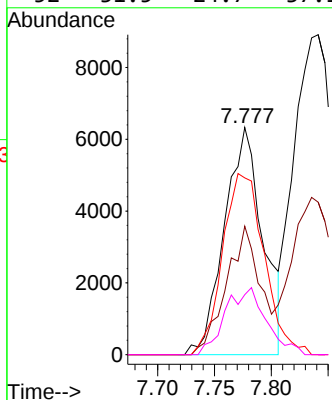
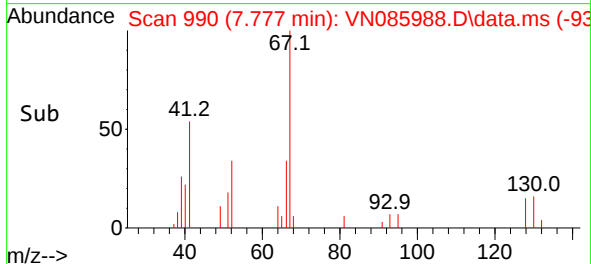
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



Tgt Ion: 41 Resp: 14879
Ion Ratio Lower Upper
41 100
39 49.8 42.0 63.0
67 86.4 64.2 96.4
52 31.5 24.7 37.1

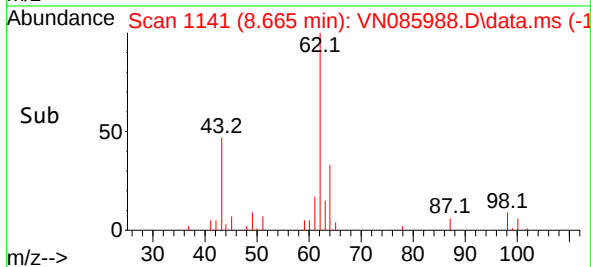
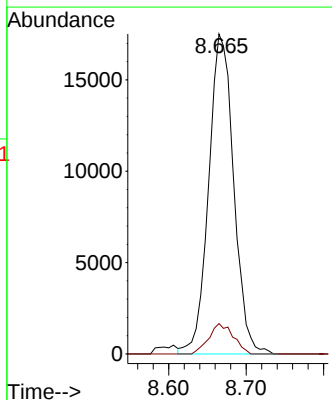
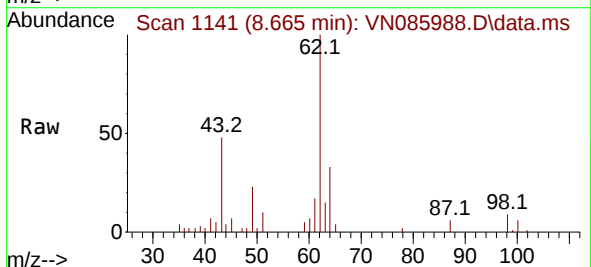
Manual Integrations
APPROVED

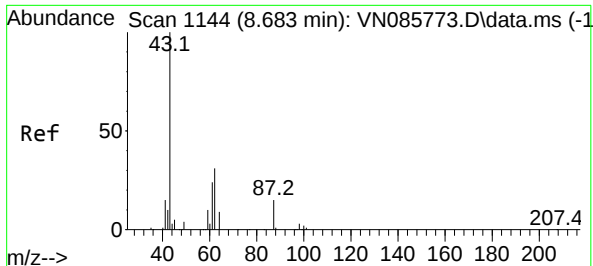
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#42
1,2-Dichloroethane
Concen: 19.189 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

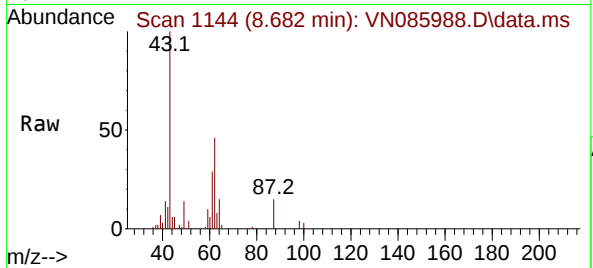
Tgt Ion: 62 Resp: 39351
Ion Ratio Lower Upper
62 100
98 9.3 0.0 19.6





#43
Isopropyl Acetate
Concen: 17.599 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

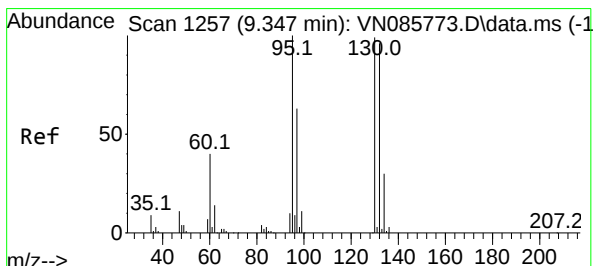
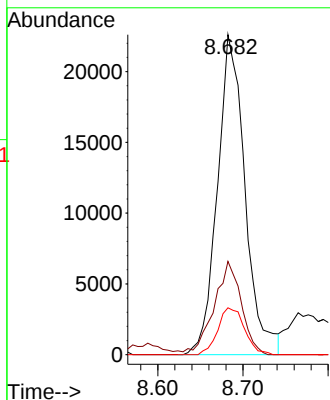
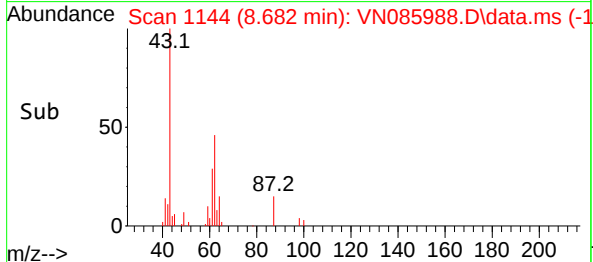
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



Tgt Ion: 43 Resp: 5093
Ion Ratio Lower Upper
43 100
61 28.8 22.6 34.0
87 14.2 11.8 17.8

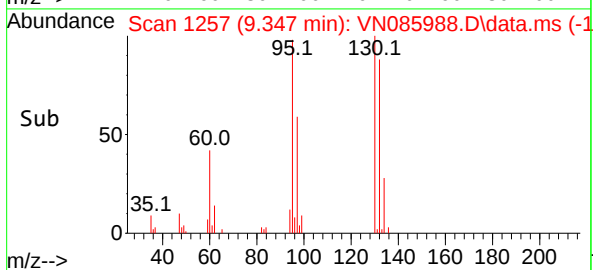
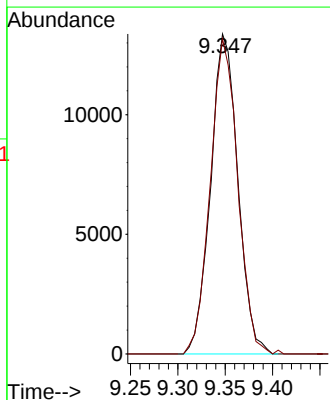
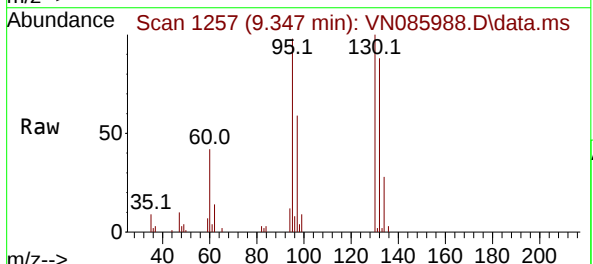
Manual Integrations
APPROVED

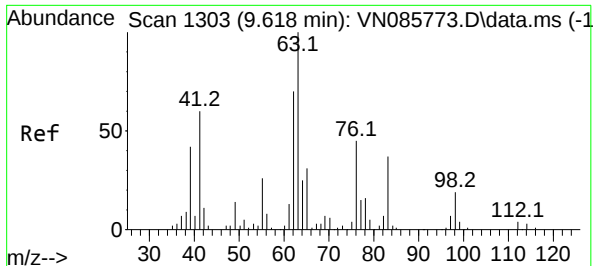
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#44
Trichloroethene
Concen: 17.333 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Tgt Ion:130 Resp: 26794
Ion Ratio Lower Upper
130 100
95 98.5 0.0 202.6





#45

1,2-Dichloropropane

Concen: 17.305 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085988.D

Acq: 14 Mar 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS02

Tgt Ion: 63 Resp: 26298

Ion Ratio Lower Upper

63 100

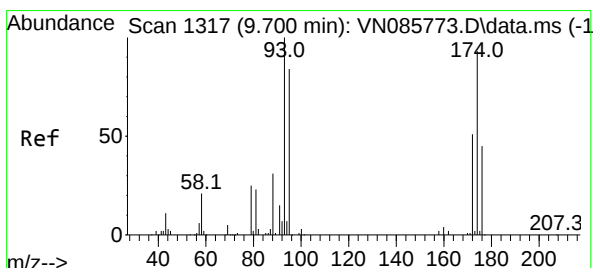
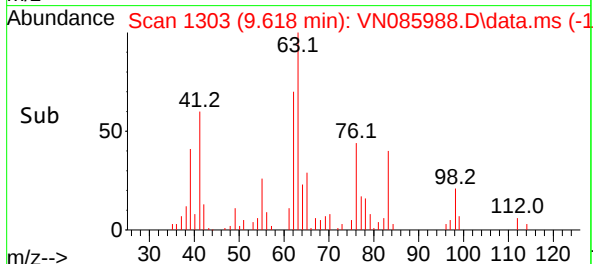
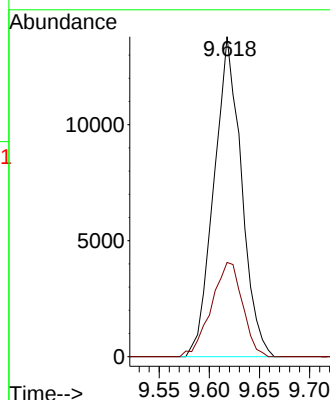
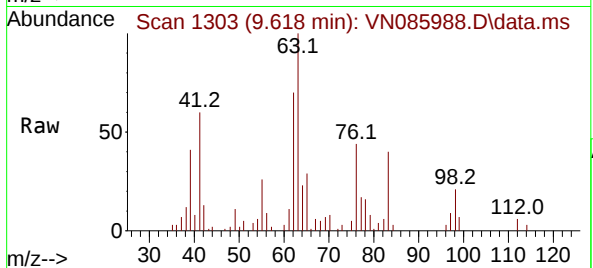
65 29.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#46

Dibromomethane

Concen: 18.338 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN085988.D

Acq: 14 Mar 2025 14:45

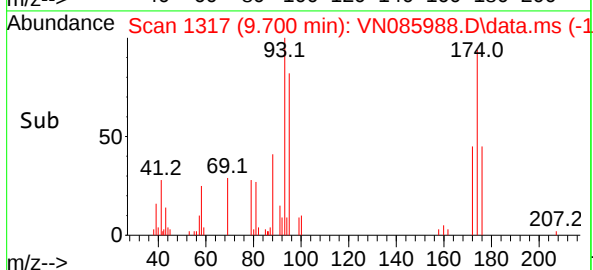
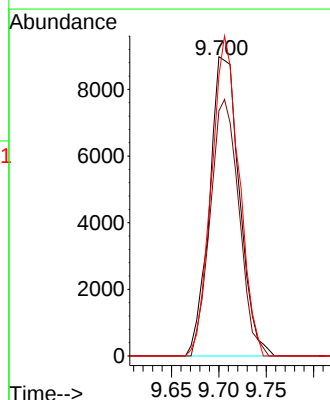
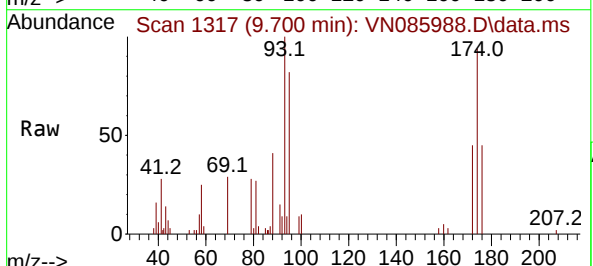
Tgt Ion: 93 Resp: 19657

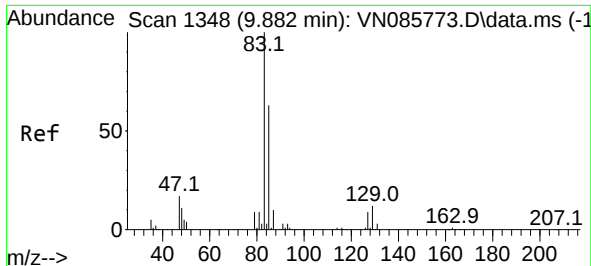
Ion Ratio Lower Upper

93 100

95 82.6 66.7 100.1

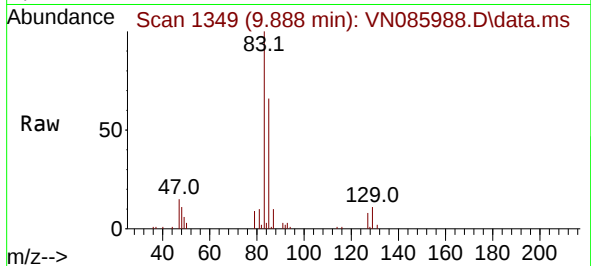
174 99.0 77.2 115.8





#47
Bromodichloromethane
Concen: 18.569 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

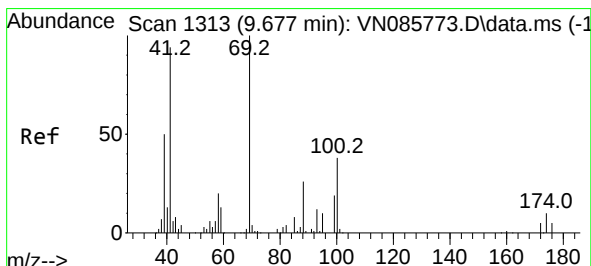
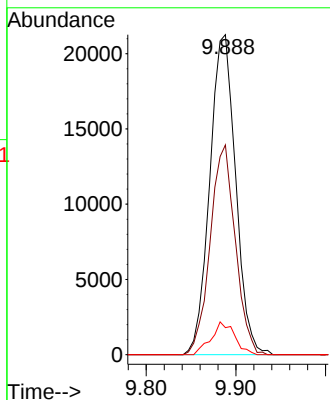
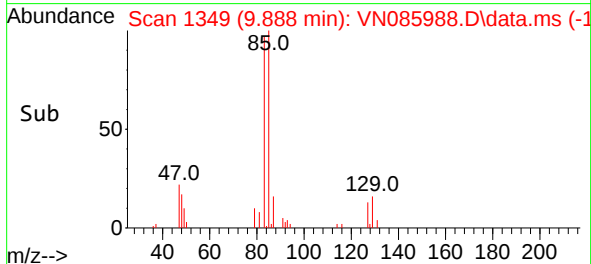
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



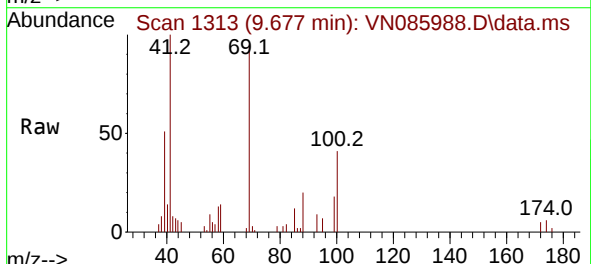
Tgt Ion: 83 Resp: 42580
Ion Ratio Lower Upper
83 100
85 65.6 50.5 75.7
127 8.4 7.2 10.8

Manual Integrations
APPROVED

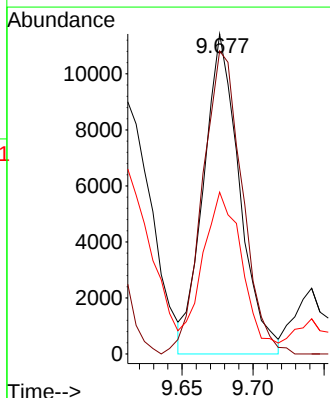
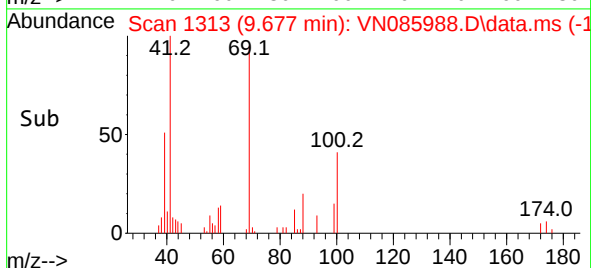
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

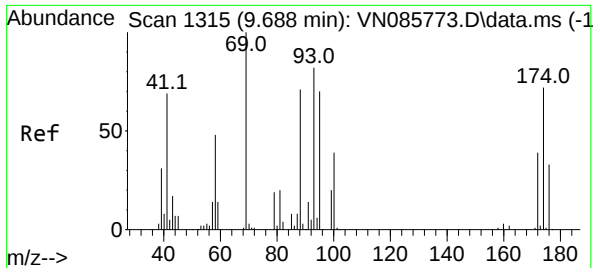


#48
Methyl methacrylate
Concen: 16.765 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45



Tgt Ion: 41 Resp: 20127
Ion Ratio Lower Upper
41 100
69 104.0 76.0 114.0
39 56.7 42.3 63.5





#49

1,4-Dioxane

Concen: 390.985 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN085988.D

Acq: 14 Mar 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS02

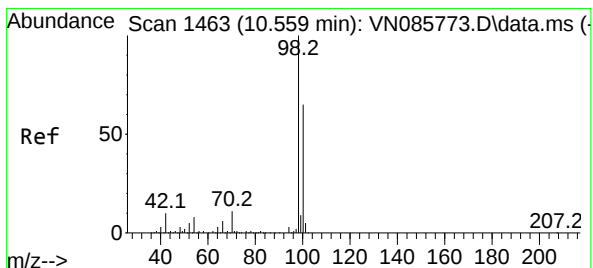
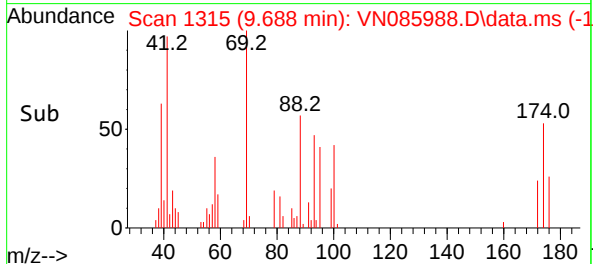
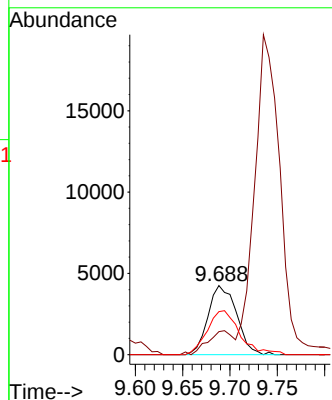
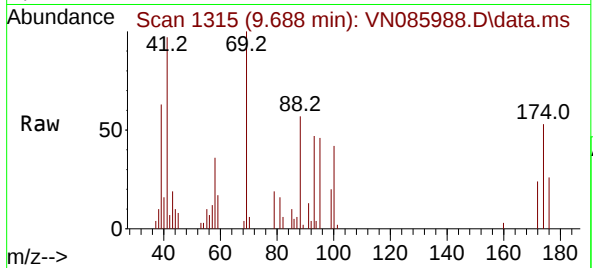
Tgt Ion: 88 Resp: 8920
 Ion Ratio Lower Upper
 88 100
 43 31.4 18.6 27.8
 58 72.8 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#50

Toluene-d8

Concen: 42.472 ug/l

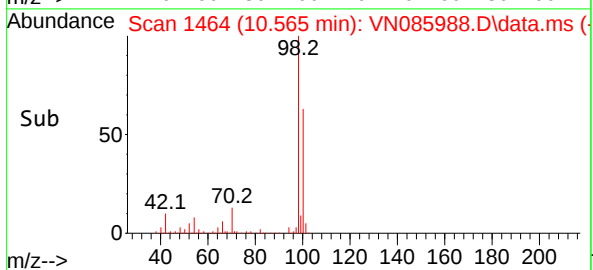
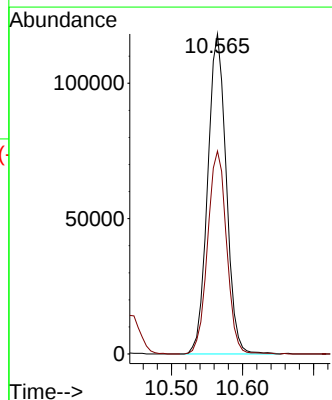
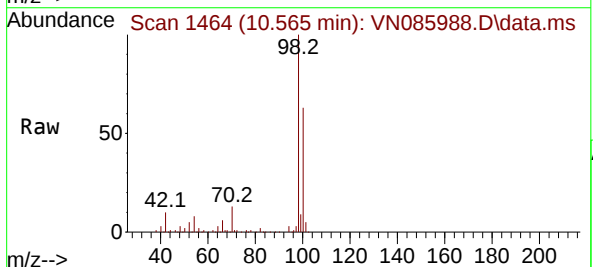
RT: 10.565 min Scan# 1464

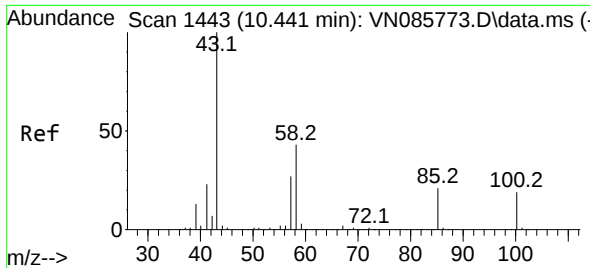
Delta R.T. 0.006 min

Lab File: VN085988.D

Acq: 14 Mar 2025 14:45

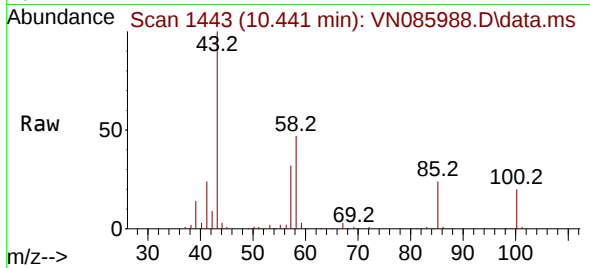
Tgt Ion: 98 Resp: 214477
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 86.791 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

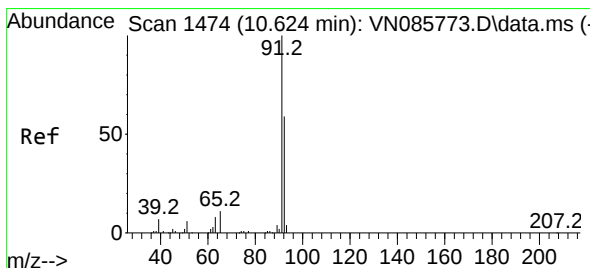
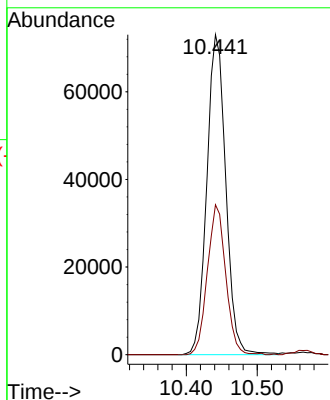
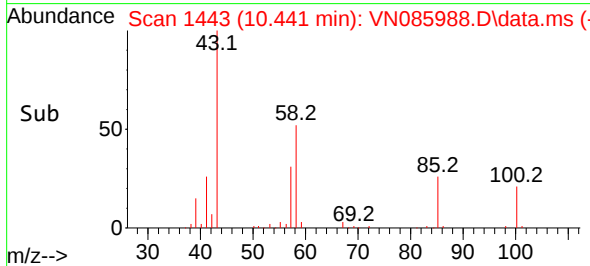
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



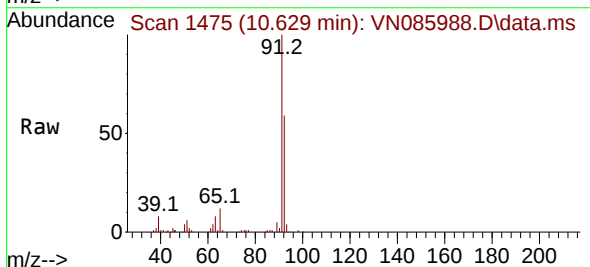
Tgt Ion: 43 Resp: 135269
Ion Ratio Lower Upper
43 100
58 45.4 34.6 52.0

Manual Integrations
APPROVED

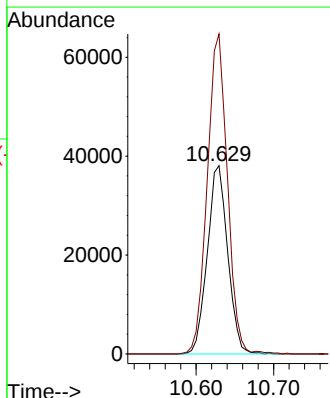
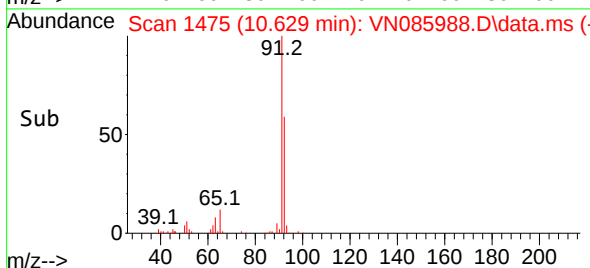
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

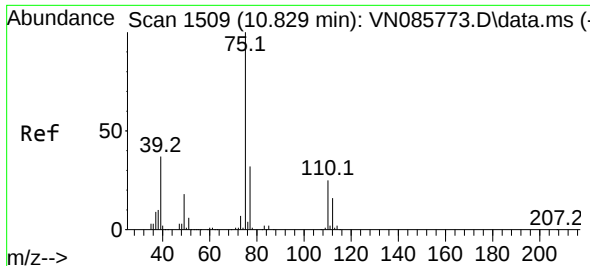


#52
Toluene
Concen: 18.880 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45



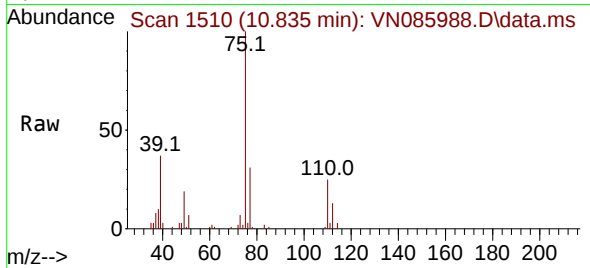
Tgt Ion: 92 Resp: 69678
Ion Ratio Lower Upper
92 100
91 168.1 136.9 205.3





#53
 t-1,3-Dichloropropene
 Concen: 18.630 ug/l
 RT: 10.835 min Scan# 1509
 Delta R.T. 0.006 min
 Lab File: VN085988.D
 Acq: 14 Mar 2025 14:45

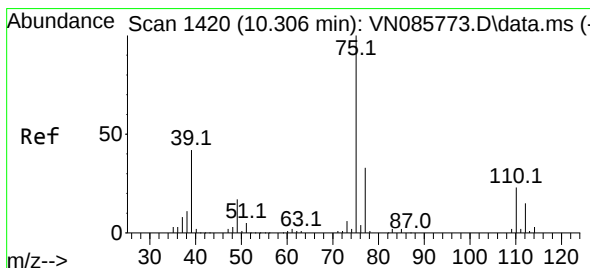
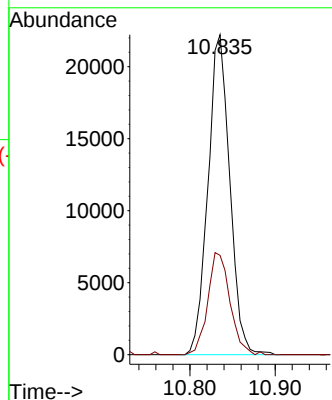
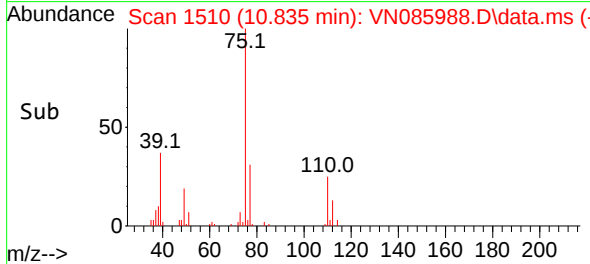
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS02



Tgt Ion: 75 Resp: 39508
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0

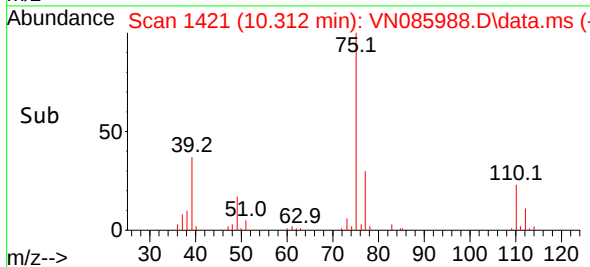
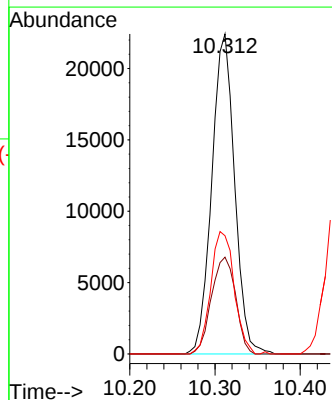
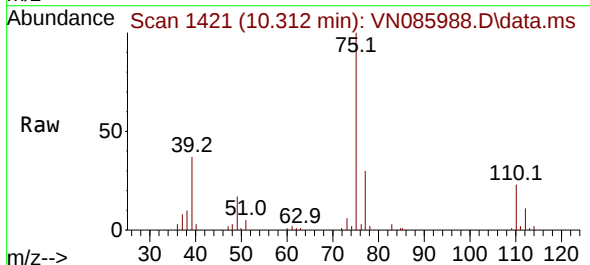
Manual Integrations
 APPROVED

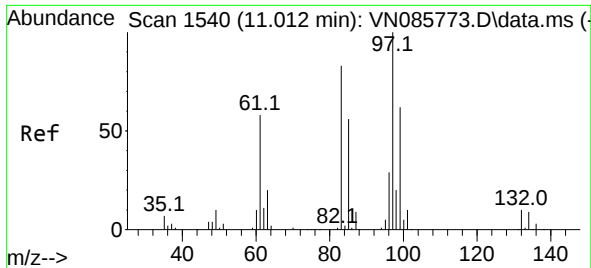
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#54
 cis-1,3-Dichloropropene
 Concen: 17.962 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085988.D
 Acq: 14 Mar 2025 14:45

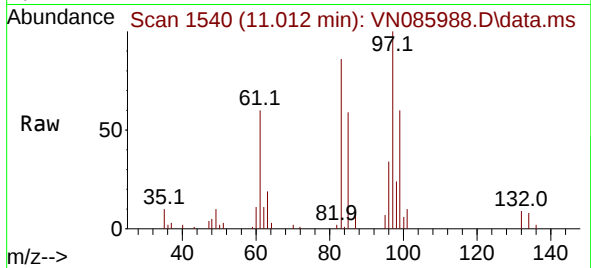
Tgt Ion: 75 Resp: 41769
 Ion Ratio Lower Upper
 75 100
 77 30.2 26.1 39.1
 39 36.9 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 17.909 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

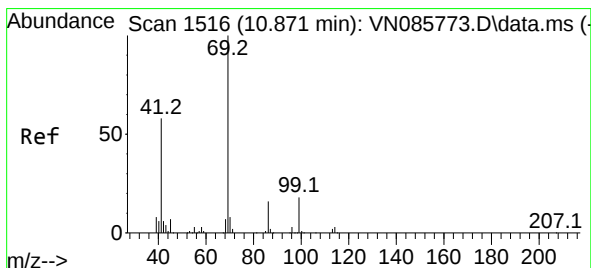
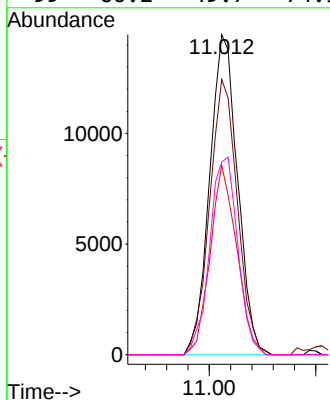
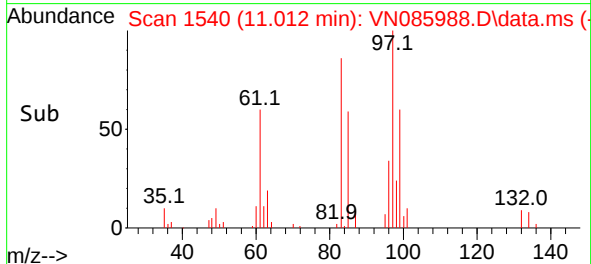
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



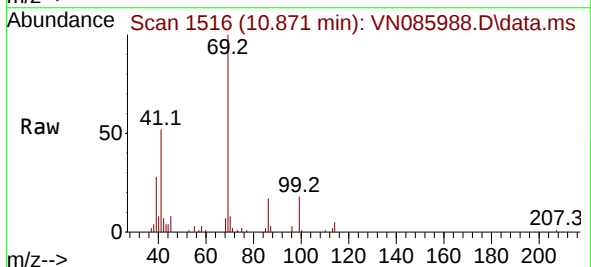
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	66.1	99.1
85	59.2	44.7	67.1
99	60.2	49.7	74.5

Manual Integrations
APPROVED

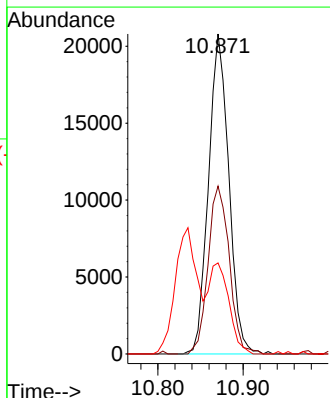
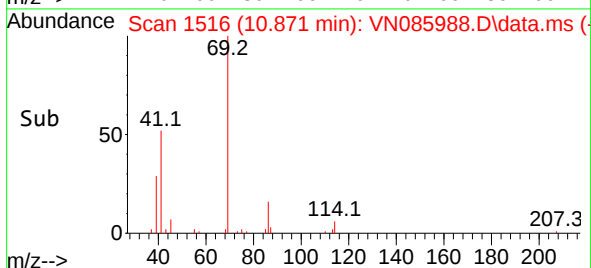
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

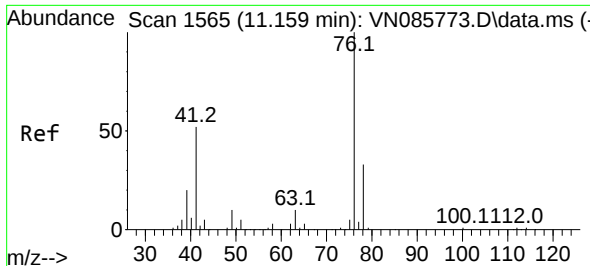


#56
Ethyl methacrylate
Concen: 17.919 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45



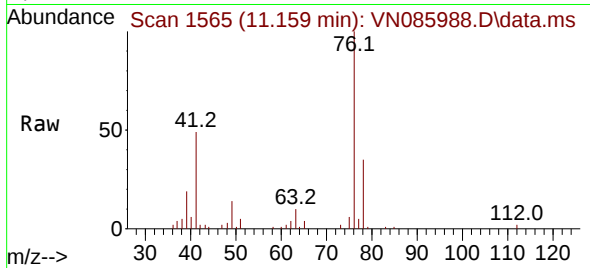
Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.8	46.0	69.0
39	28.7	22.0	33.0





#57
1,3-Dichloropropane
Concen: 18.253 ug/l
RT: 11.159 min Scan# 11159
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

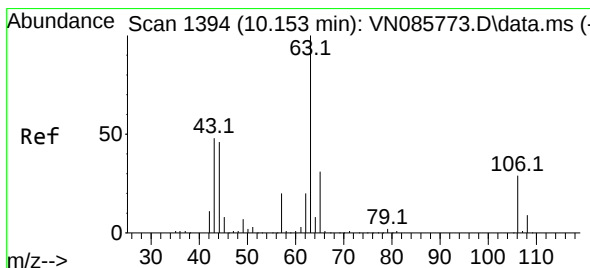
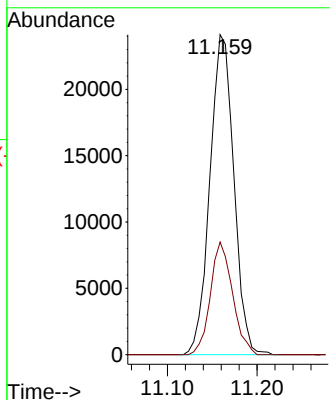
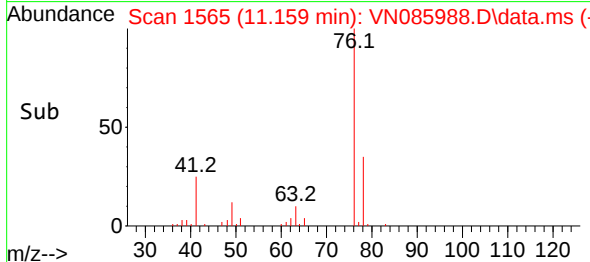
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



Tgt Ion: 76 Resp: 44709
Ion Ratio Lower Upper
76 100
78 32.6 25.9 38.9

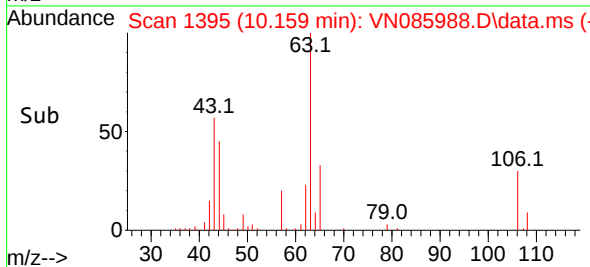
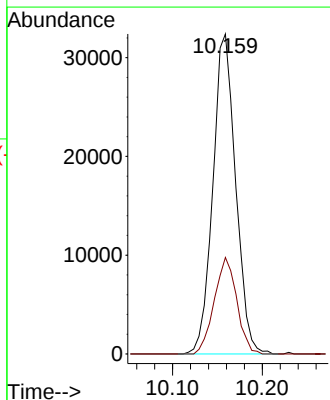
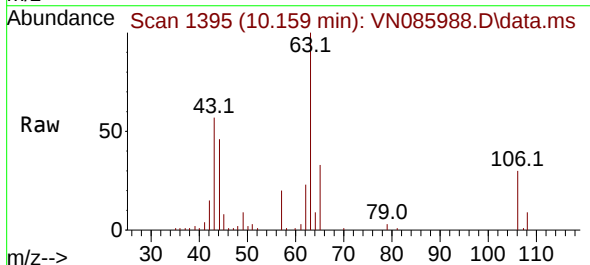
Manual Integrations
APPROVED

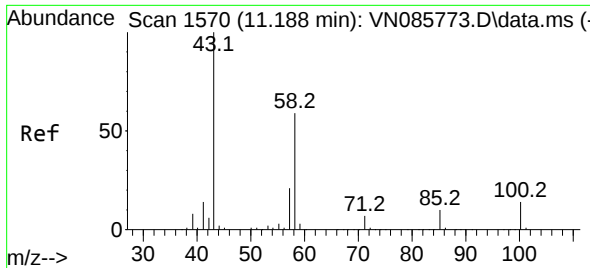
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#58
2-Chloroethyl Vinyl ether
Concen: 81.011 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Tgt Ion: 63 Resp: 57042
Ion Ratio Lower Upper
63 100
106 29.8 22.7 34.1





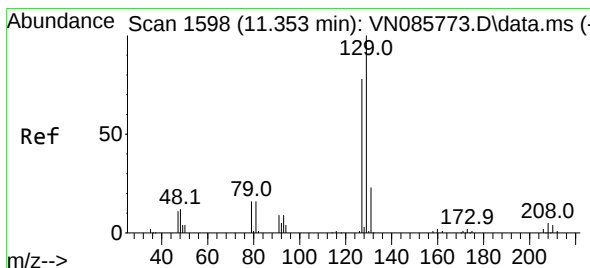
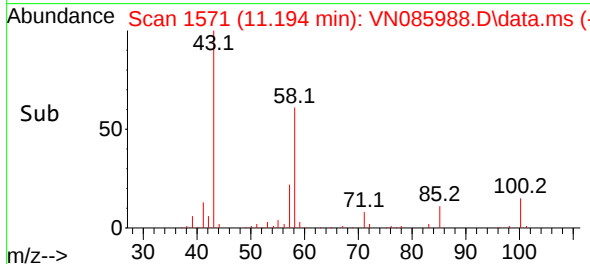
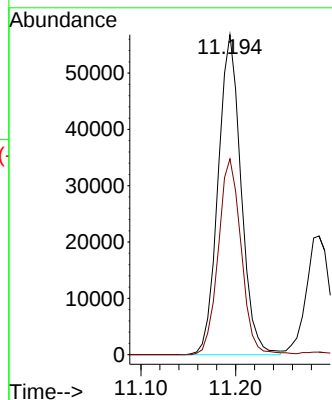
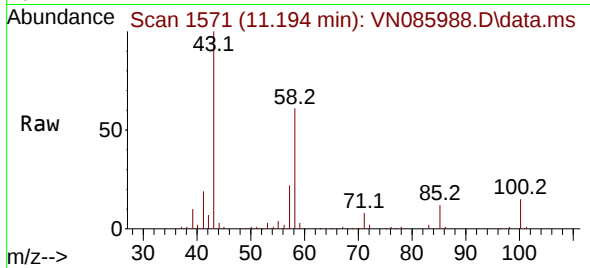
#59
2-Hexanone
Concen: 89.173 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion: 43 Resp: 9561
Ion Ratio Lower Upper
43 100
58 60.9 29.8 89.5

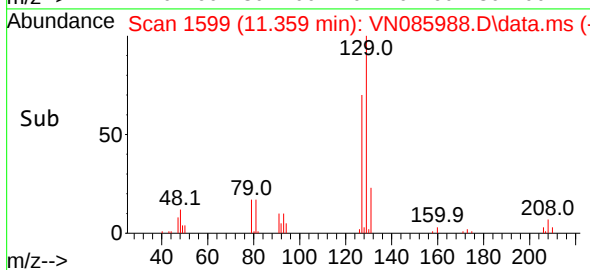
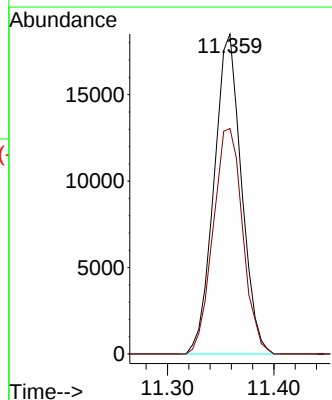
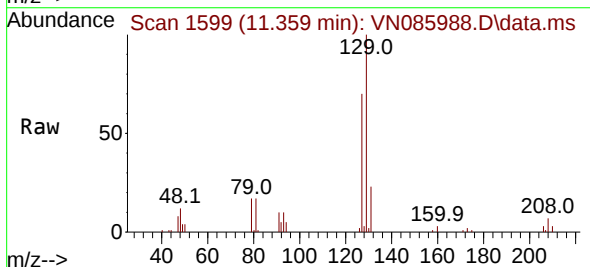
Manual Integrations
APPROVED

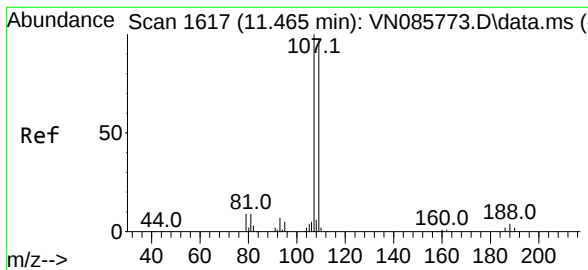
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#60
Dibromochloromethane
Concen: 19.356 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

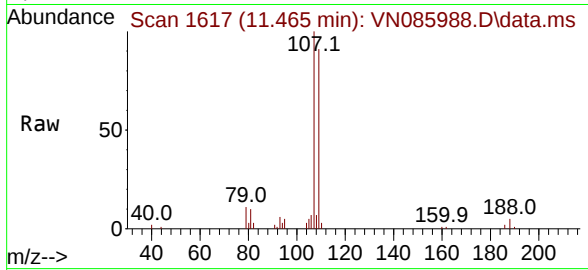
Tgt Ion:129 Resp: 33072
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.5





#61
1,2-Dibromoethane
Concen: 18.747 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

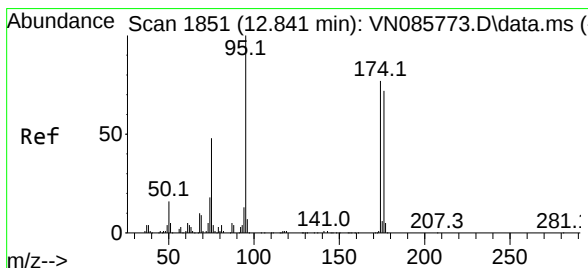
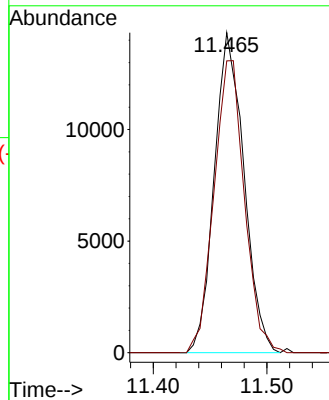
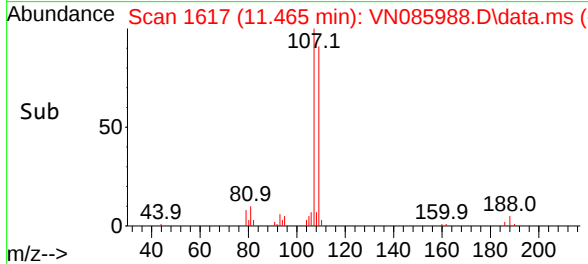
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



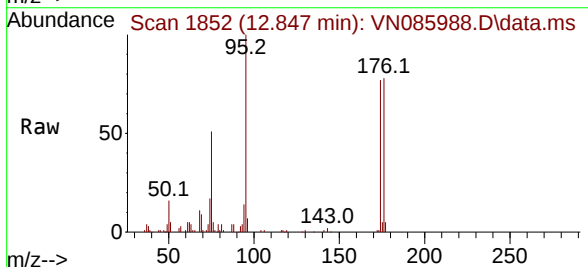
Tgt Ion:107 Resp: 2599
Ion Ratio Lower Upper
107 100
109 93.9 76.0 114.0

Manual Integrations
APPROVED

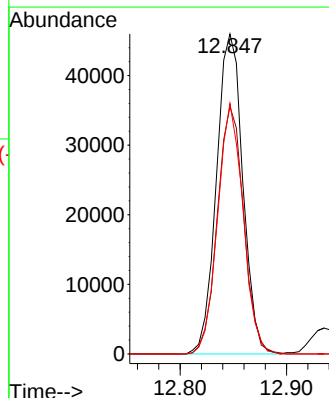
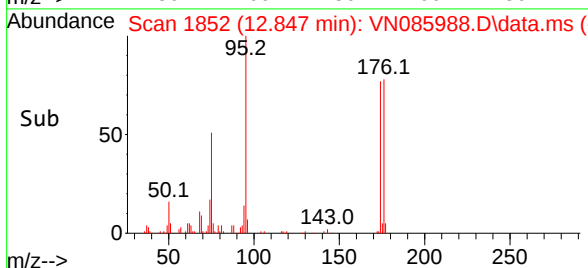
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

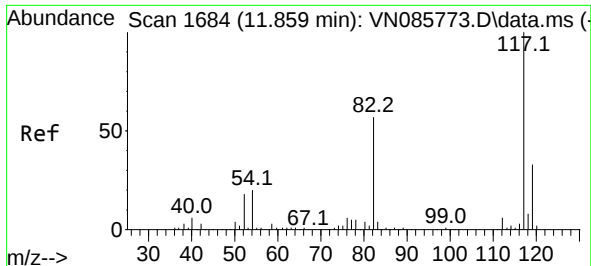


#62
4-Bromofluorobenzene
Concen: 47.366 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45



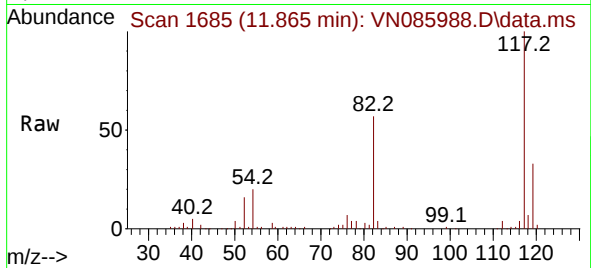
Tgt Ion: 95 Resp: 78807
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.4
176 75.7 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

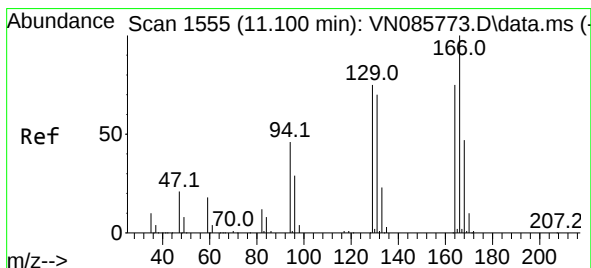
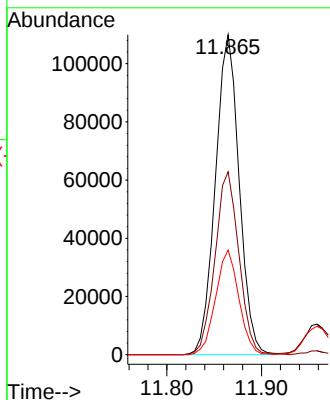
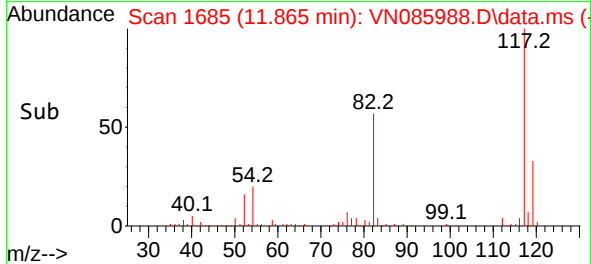
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



Tgt Ion:117 Resp: 192344
Ion Ratio Lower Upper
117 100
82 57.2 45.7 68.5
119 32.7 26.2 39.2

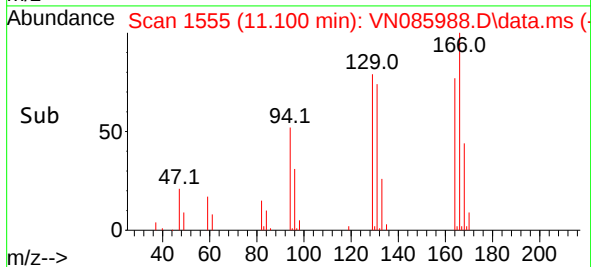
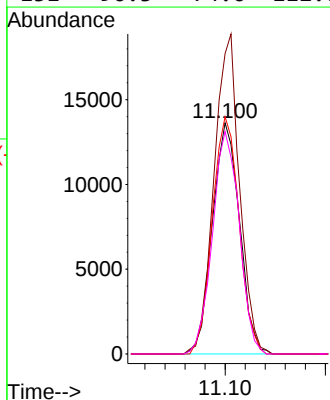
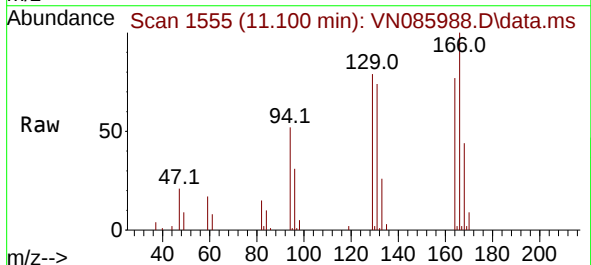
Manual Integrations
APPROVED

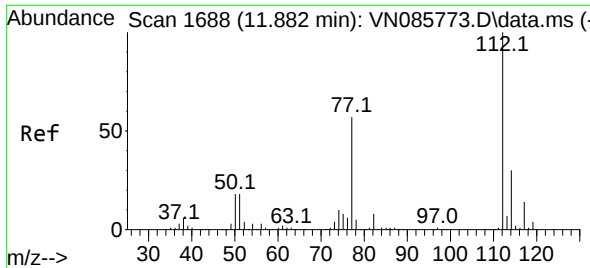
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#64
Tetrachloroethene
Concen: 17.221 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

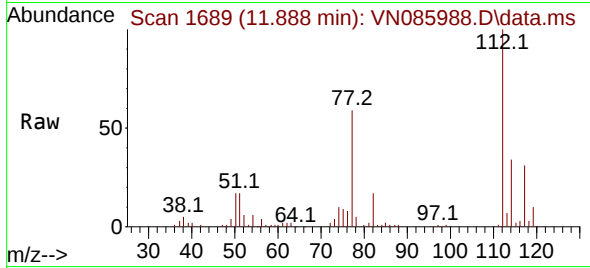
Tgt Ion:164 Resp: 25661
Ion Ratio Lower Upper
164 100
166 130.0 107.2 160.8
129 102.7 80.7 121.1
131 96.3 74.6 112.0





#65
Chlorobenzene
Concen: 17.020 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

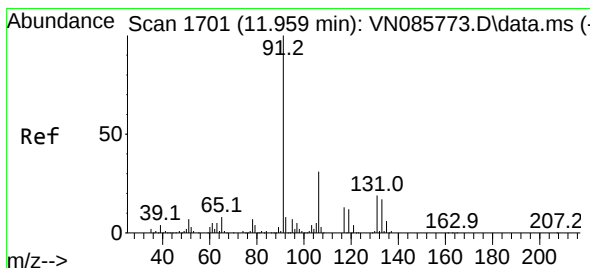
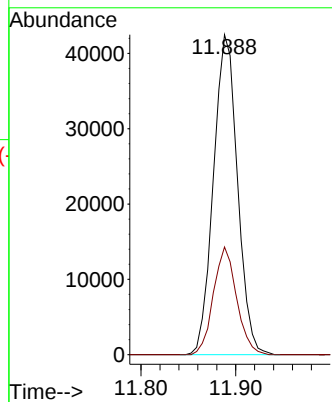
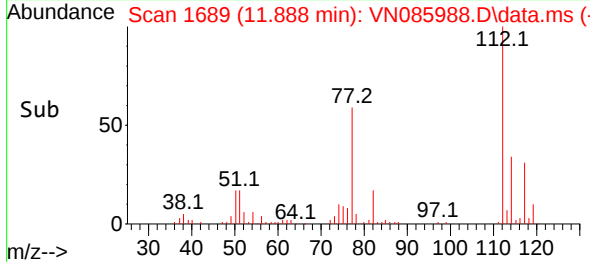
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



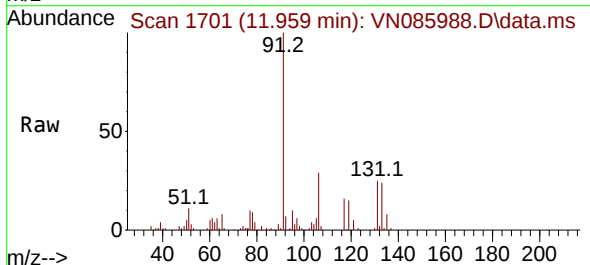
Tgt Ion:112 Resp: 7499
Ion Ratio Lower Upper
112 100
114 33.7 24.3 36.5

Manual Integrations
APPROVED

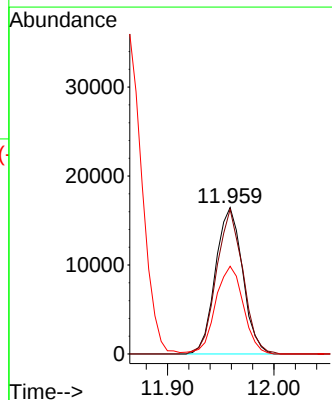
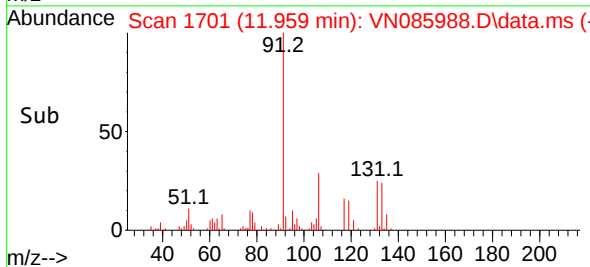
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

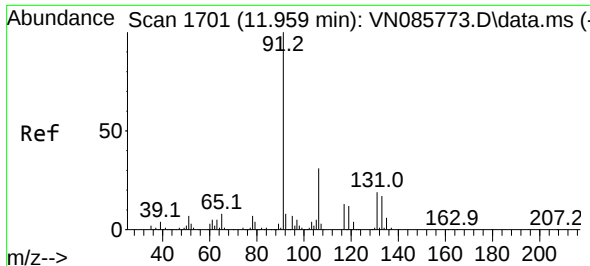


#66
1,1,1,2-Tetrachloroethane
Concen: 18.358 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45



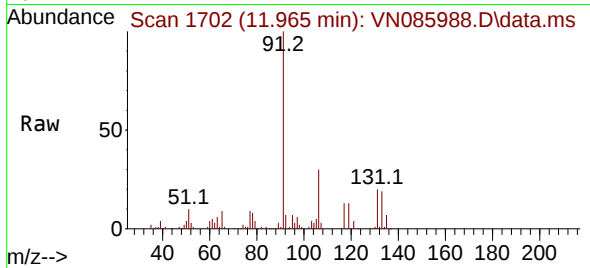
Tgt Ion:131 Resp: 29075
Ion Ratio Lower Upper
131 100
133 96.6 47.7 143.1
119 61.5 33.3 99.8





#67
Ethyl Benzene
Concen: 16.856 ug/l
RT: 11.965 min Scan# 11634
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

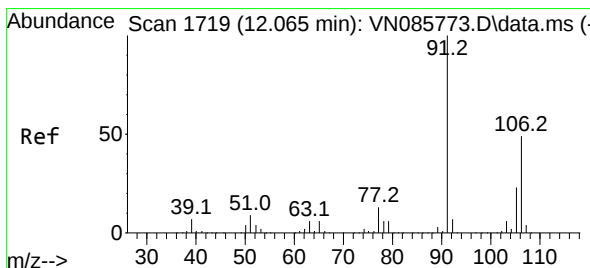
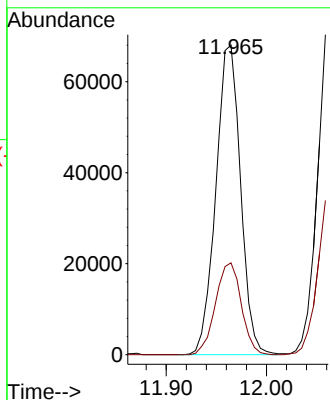
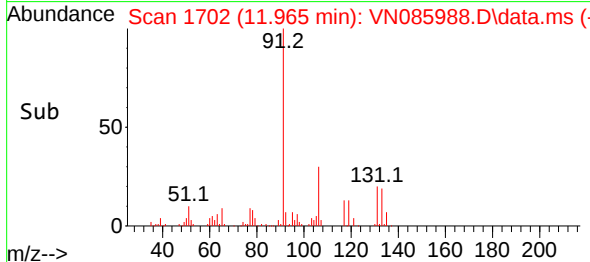
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



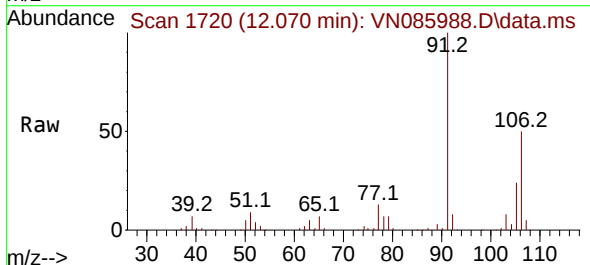
Tgt Ion: 91 Resp: 11634
Ion Ratio Lower Upper
91 100
106 29.6 24.7 37.1

Manual Integrations
APPROVED

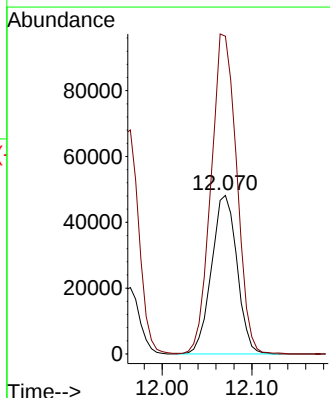
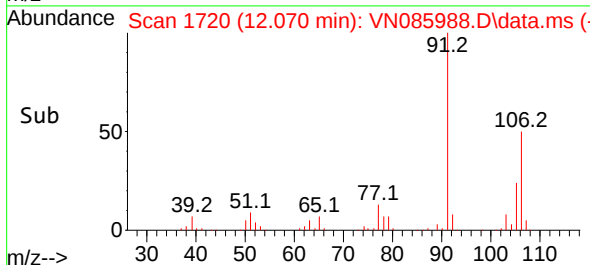
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

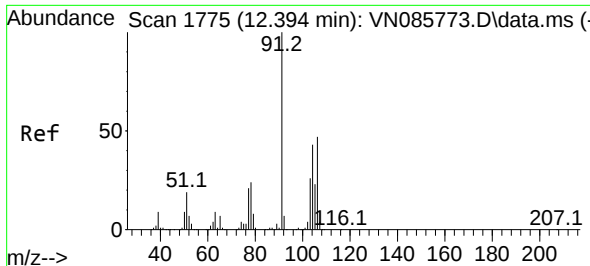


#68
m/p-Xylenes
Concen: 36.257 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45



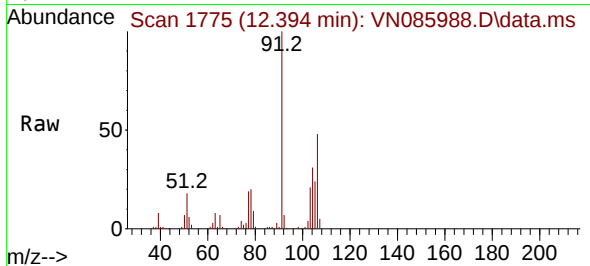
Tgt Ion:106 Resp: 95060
Ion Ratio Lower Upper
106 100
91 203.3 163.3 244.9





#69
o-Xylene
Concen: 17.738 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

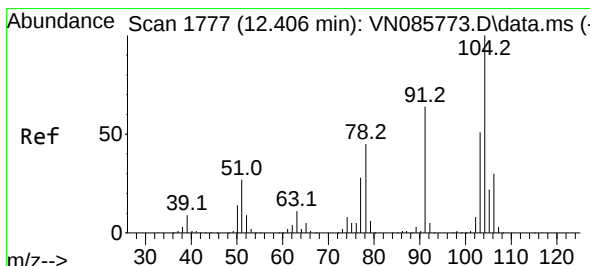
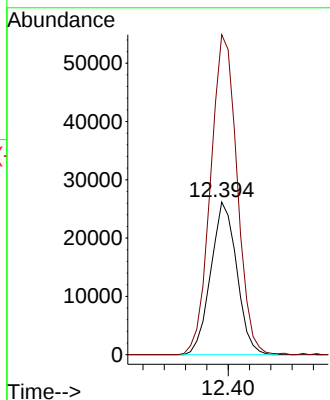
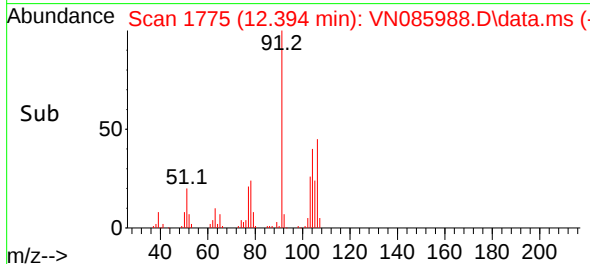
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



Tgt Ion:106 Resp: 4419
Ion Ratio Lower Upper
106 100
91 214.8 107.1 321.4

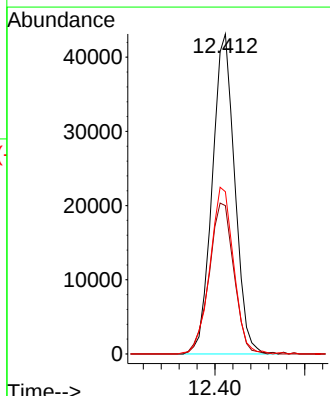
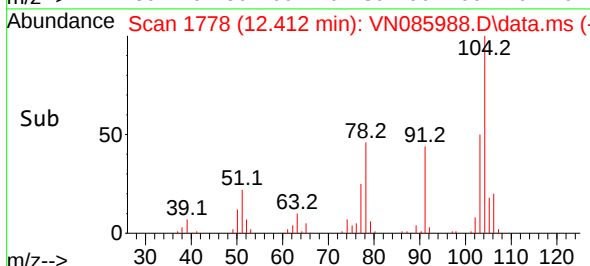
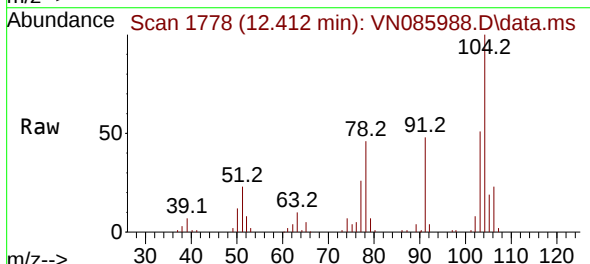
Manual Integrations
APPROVED

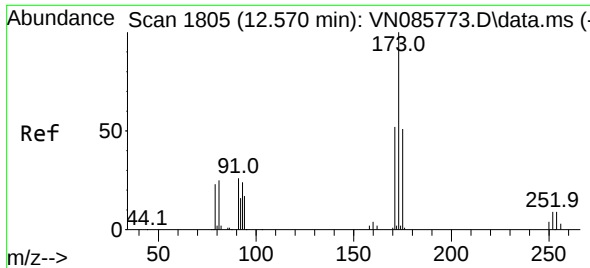
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#70
Styrene
Concen: 17.608 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

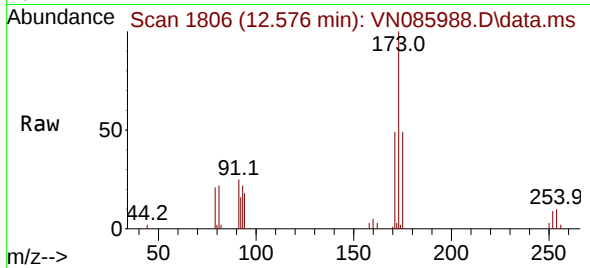
Tgt Ion:104 Resp: 74954
Ion Ratio Lower Upper
104 100
78 51.7 39.0 58.6
103 55.0 43.3 64.9





#71
Bromoform
Concen: 19.678 ug/l
RT: 12.576 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

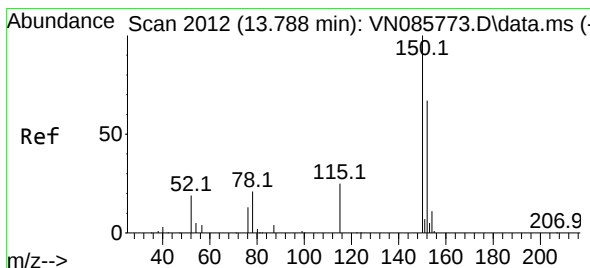
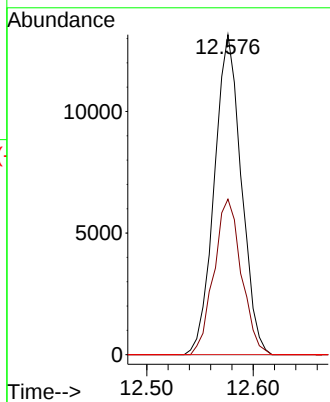
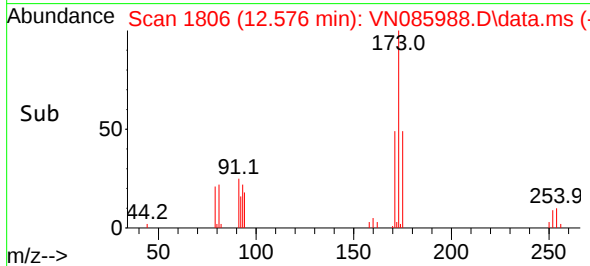
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



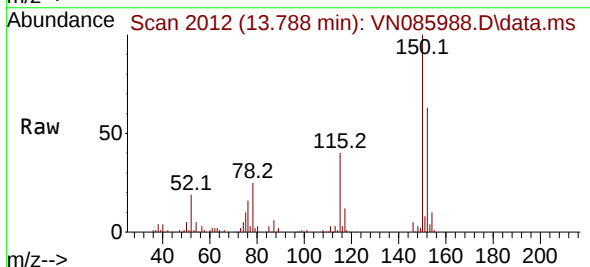
Tgt Ion:173 Resp: 23158
Ion Ratio Lower Upper
173 100
175 49.5 25.1 75.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

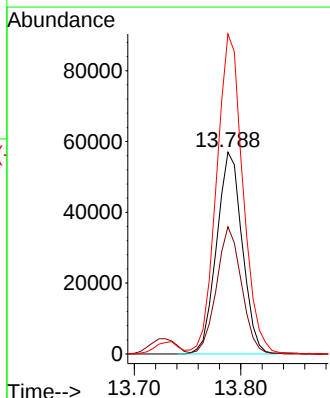
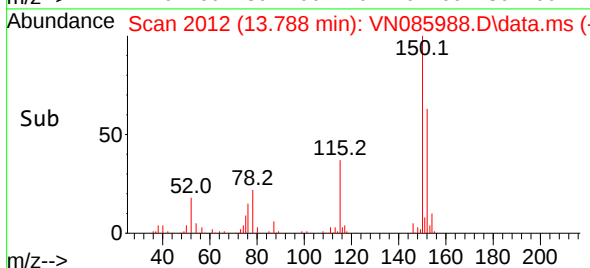
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

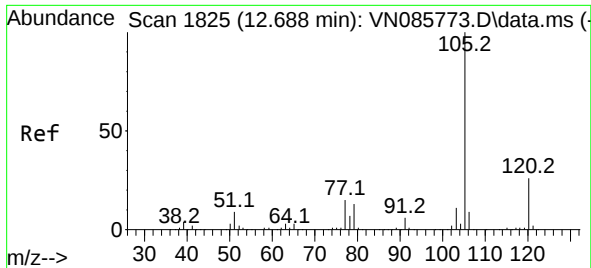


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45



Tgt Ion:152 Resp: 95020
Ion Ratio Lower Upper
152 100
115 61.6 30.4 91.3
150 163.7 0.0 345.4





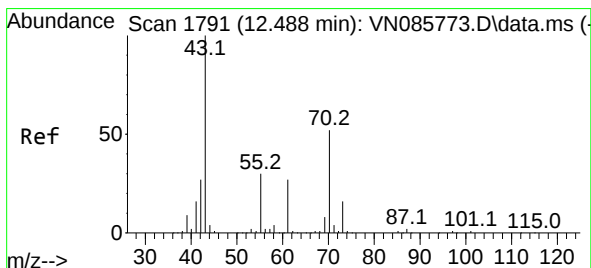
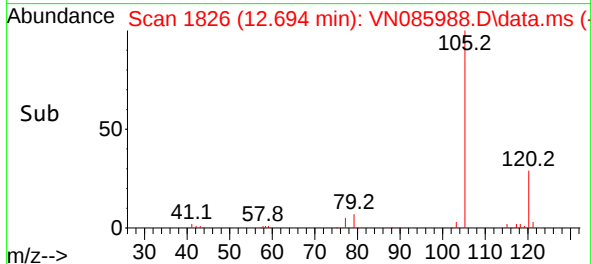
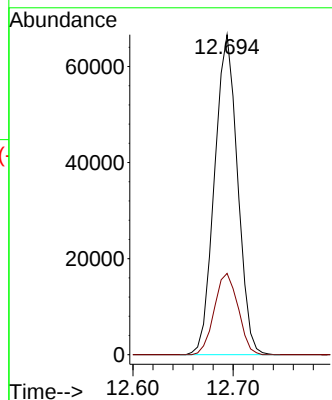
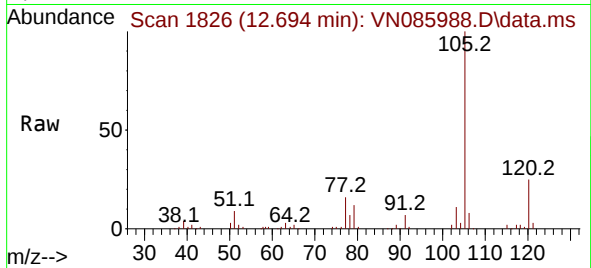
#73
Isopropylbenzene
Concen: 16.339 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion:105 Resp: 10636
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0

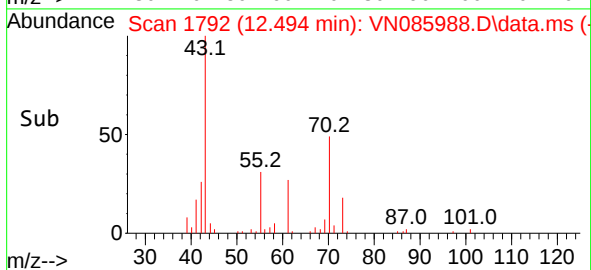
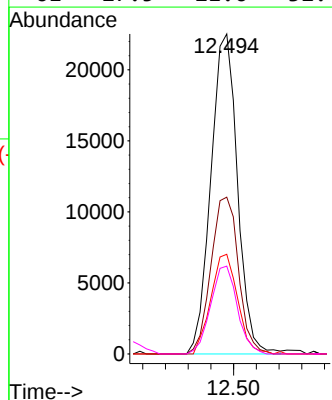
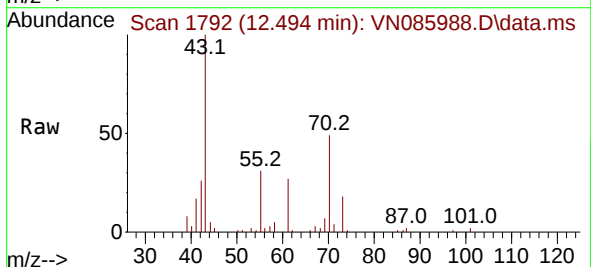
Manual Integrations
APPROVED

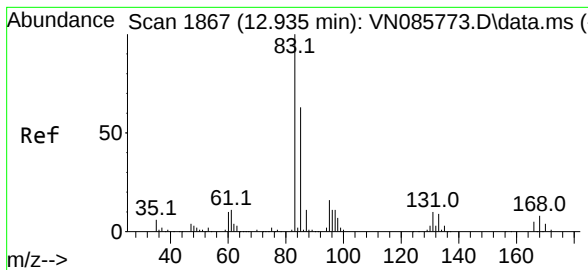
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#74
N-ethyl acetate
Concen: 15.971 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

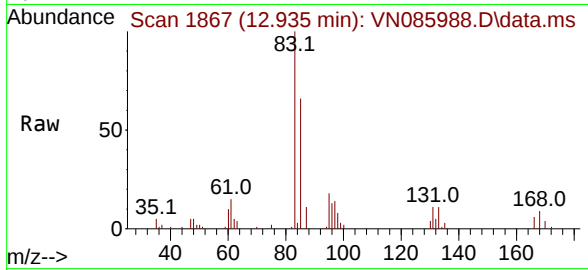
Tgt Ion: 43 Resp: 36664
Ion Ratio Lower Upper
43 100
70 50.6 41.0 61.4
55 31.6 24.6 36.8
61 27.5 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 16.154 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

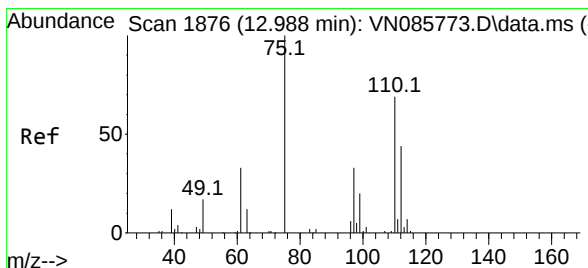
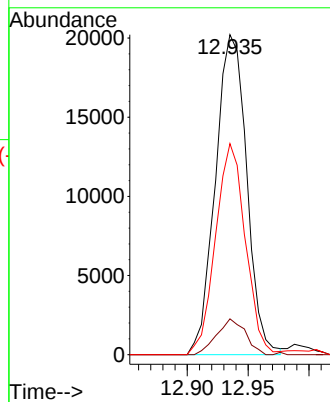
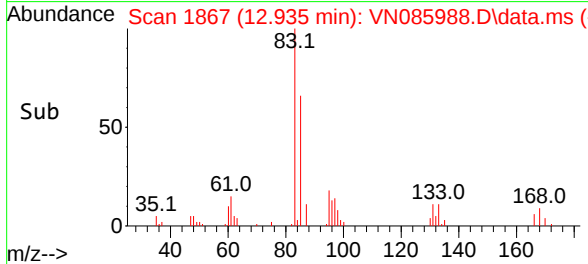
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



Tgt Ion: 83 Resp: 3618
Ion Ratio Lower Upper
83 100
131 10.3 5.0 15.0
85 62.9 32.2 96.6

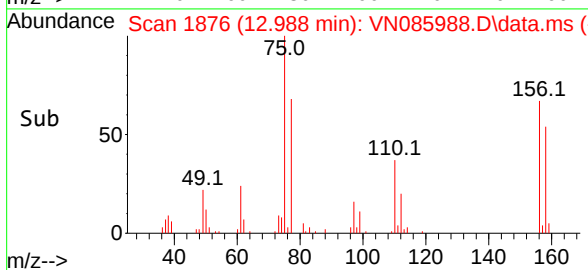
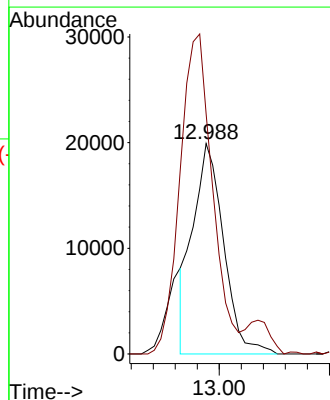
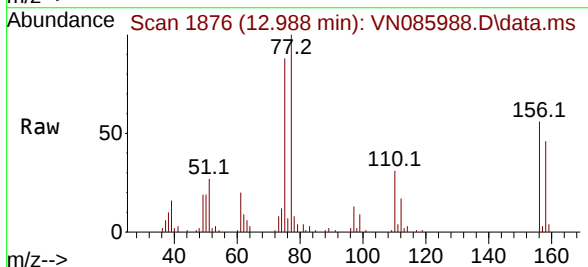
Manual Integrations
APPROVED

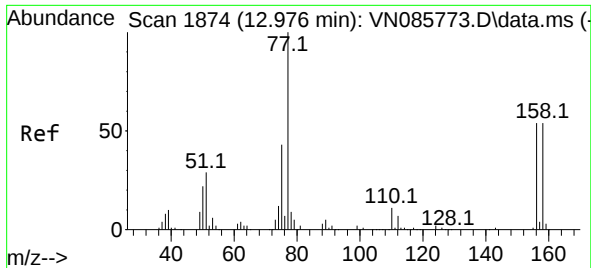
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#76
1,2,3-Trichloropropane
Concen: 18.330 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

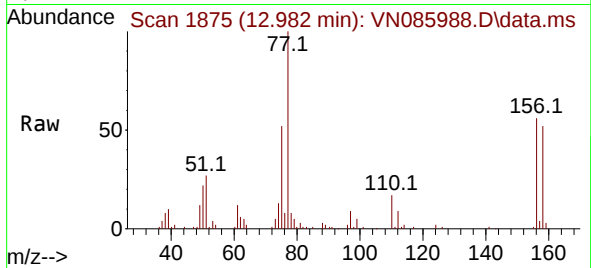
Tgt Ion: 75 Resp: 38689
Ion Ratio Lower Upper
75 100
77 160.0 100.0 300.0





#77
Bromobenzene
Concen: 17.572 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

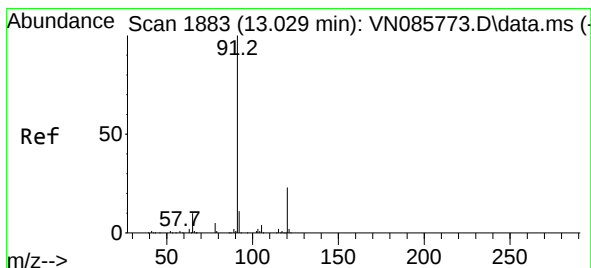
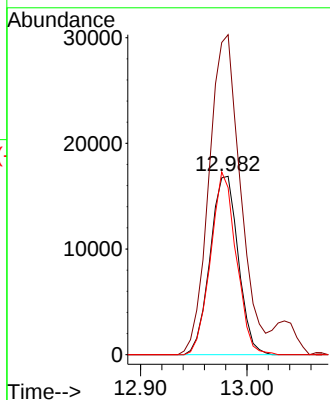
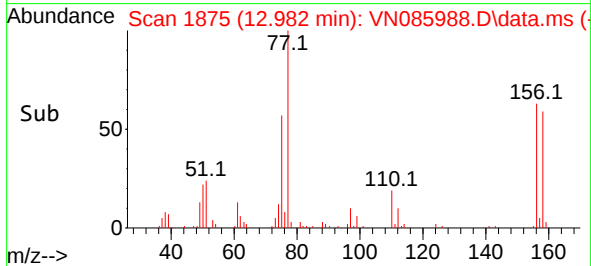
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



Tgt Ion:156 Resp: 3090
Ion Ratio Lower Upper
156 100
77 200.3 104.1 312.3
158 93.6 48.1 144.4

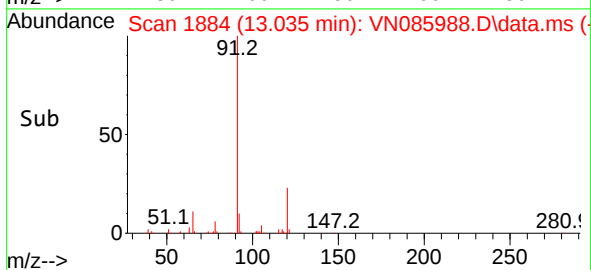
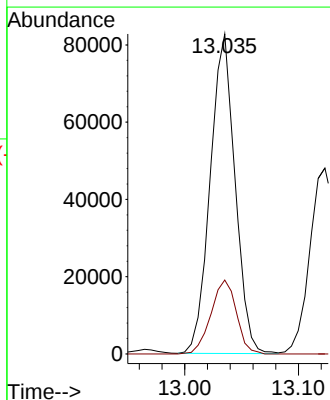
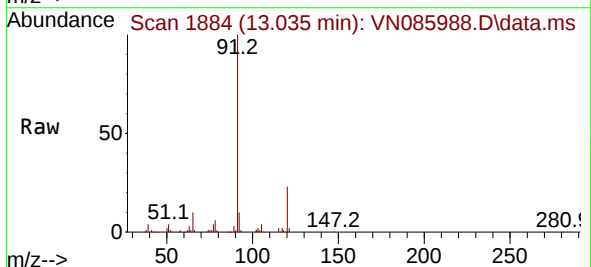
Manual Integrations
APPROVED

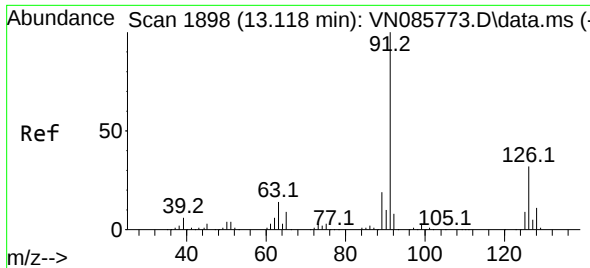
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#78
n-propylbenzene
Concen: 16.860 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Tgt Ion: 91 Resp: 125696
Ion Ratio Lower Upper
91 100
120 23.7 11.3 33.8





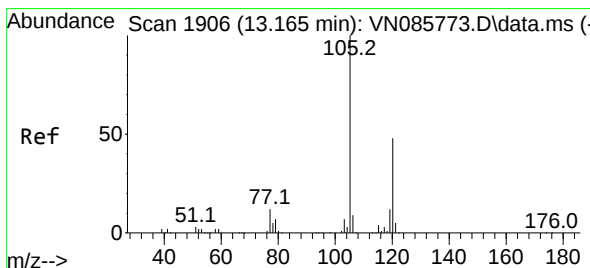
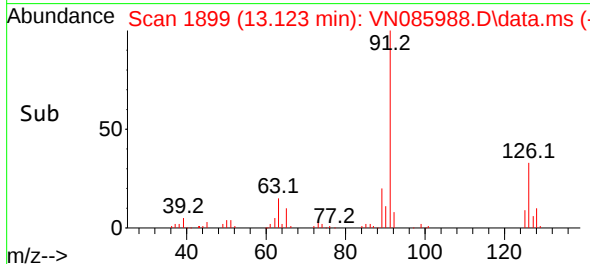
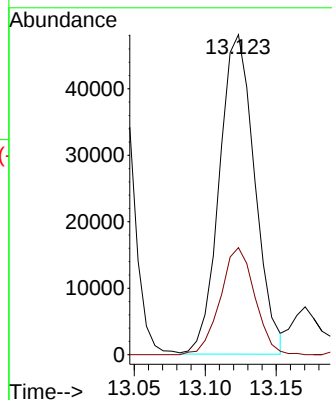
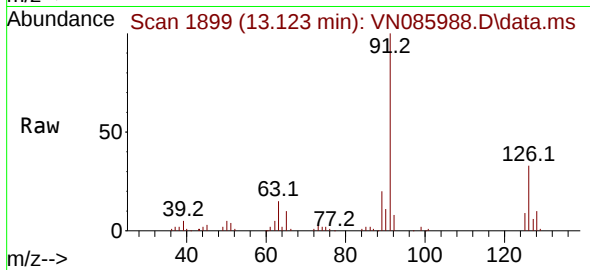
#79
2-Chlorotoluene
Concen: 16.732 ug/l
RT: 13.123 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion: 91 Resp: 83340
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1

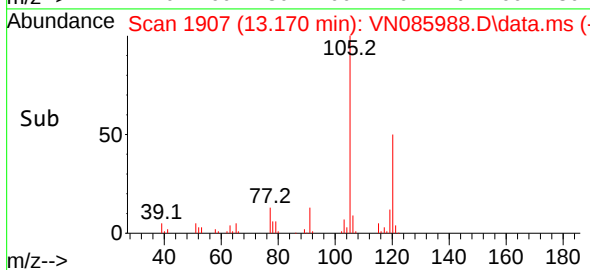
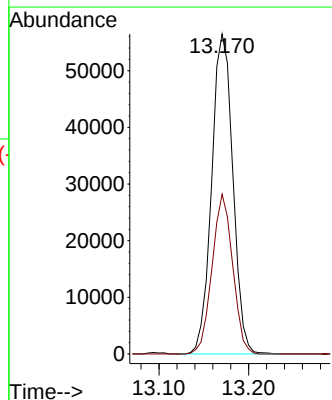
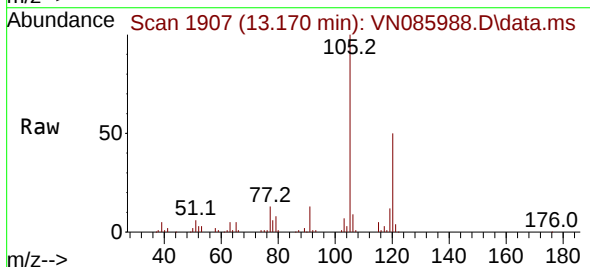
Manual Integrations
APPROVED

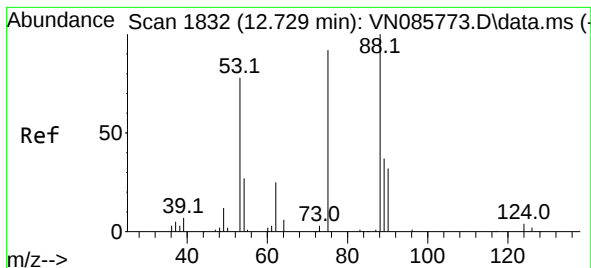
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.475 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

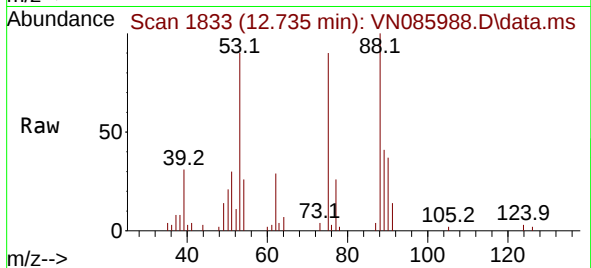
Tgt Ion:105 Resp: 92668
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 16.498 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

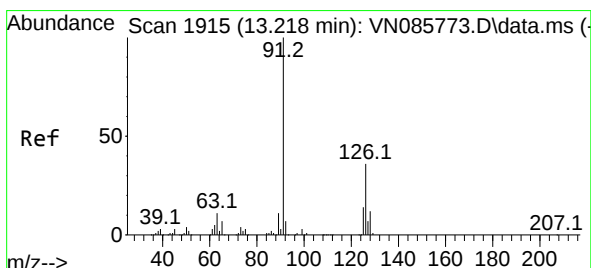
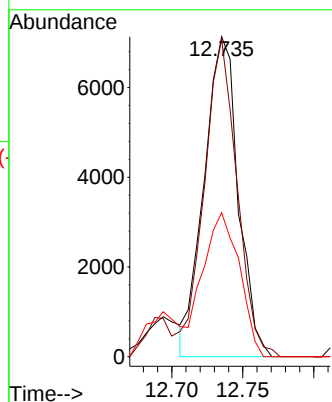
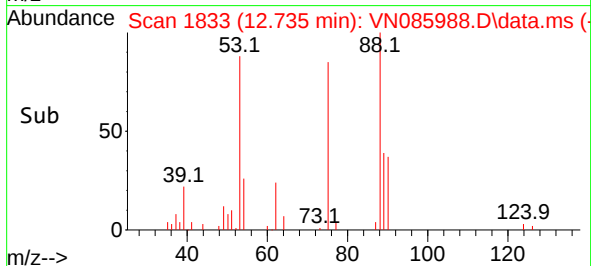
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



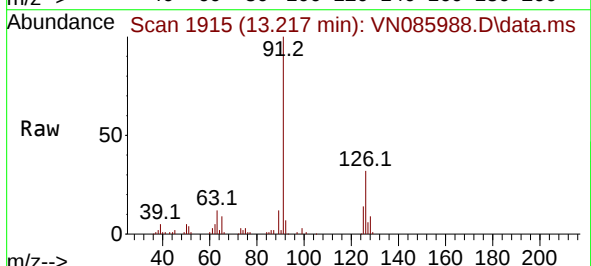
Tgt Ion: 75 Resp: 1193
Ion Ratio Lower Upper
75 100
53 96.2 74.2 111.4
89 47.2 34.9 52.3

Manual Integrations
APPROVED

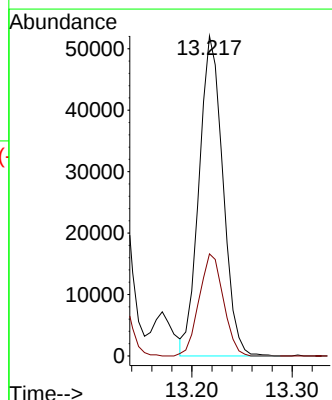
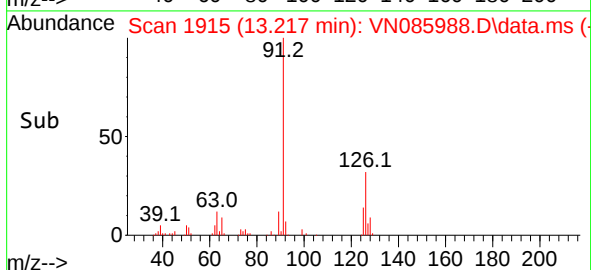
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

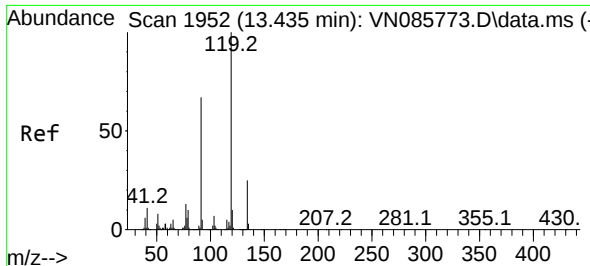


#82
4-Chlorotoluene
Concen: 17.453 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45



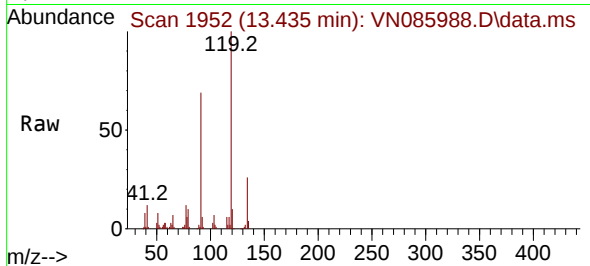
Tgt Ion: 91 Resp: 86184
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 16.346 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085988.D
 Acq: 14 Mar 2025 14:45

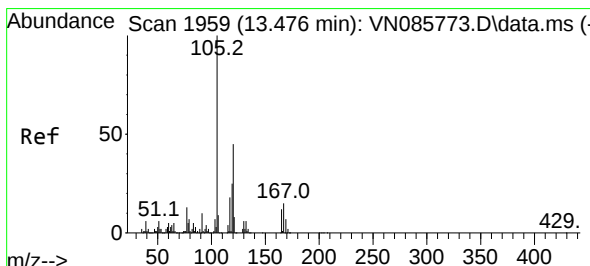
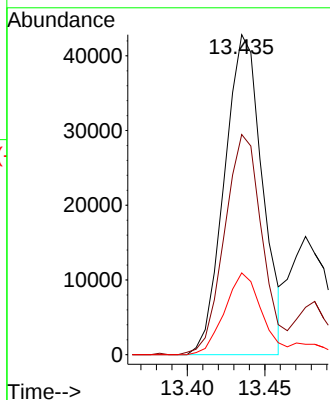
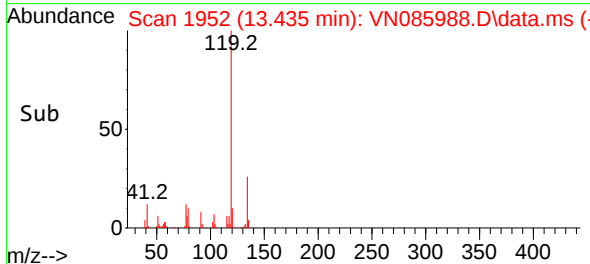
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS02



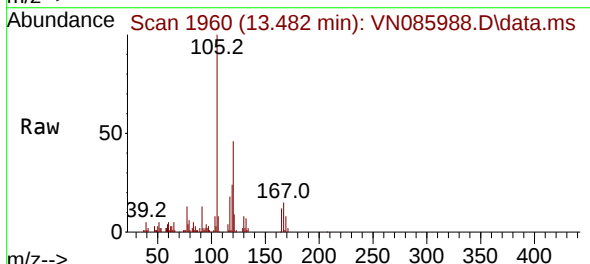
Tgt Ion:119 Resp: 72892
 Ion Ratio Lower Upper
 119 100
 91 68.9 32.5 97.5
 134 24.8 13.3 39.9

Manual Integrations
 APPROVED

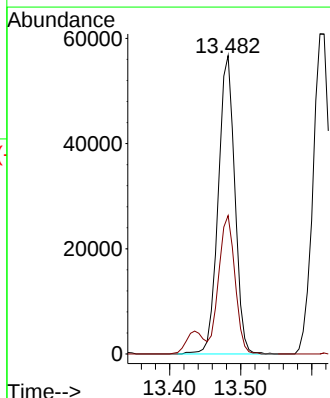
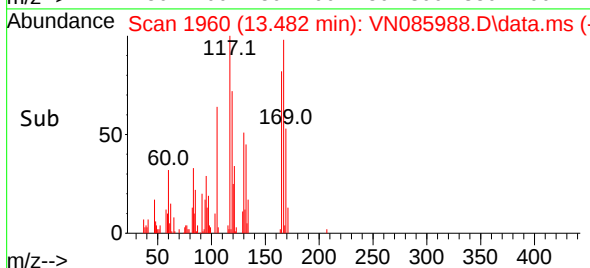
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

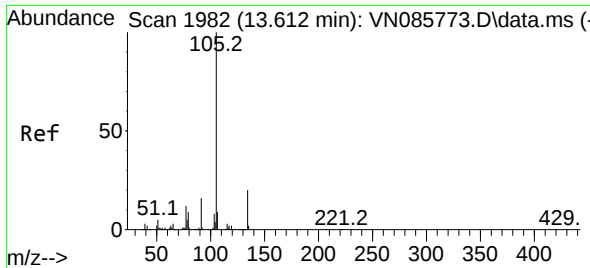


#84
 1,2,4-Trimethylbenzene
 Concen: 17.436 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085988.D
 Acq: 14 Mar 2025 14:45



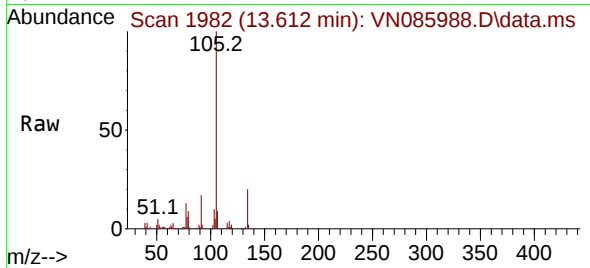
Tgt Ion:105 Resp: 91476
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 16.088 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085988.D
 Acq: 14 Mar 2025 14:45

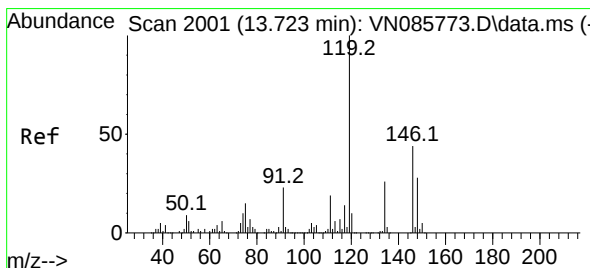
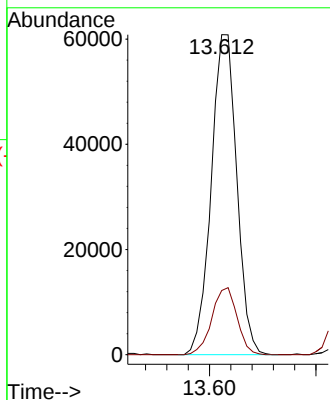
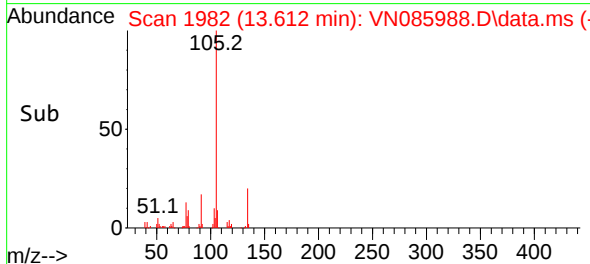
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS02



Tgt Ion:105 Resp: 101364
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.4

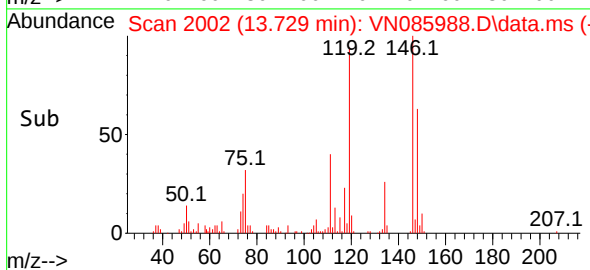
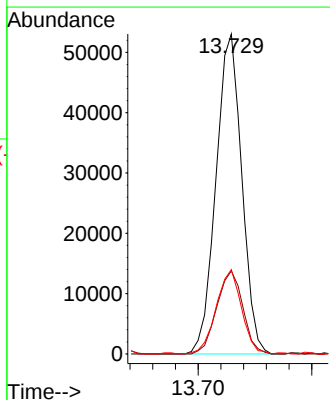
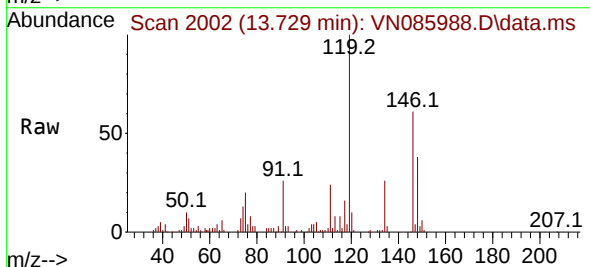
Manual Integrations
 APPROVED

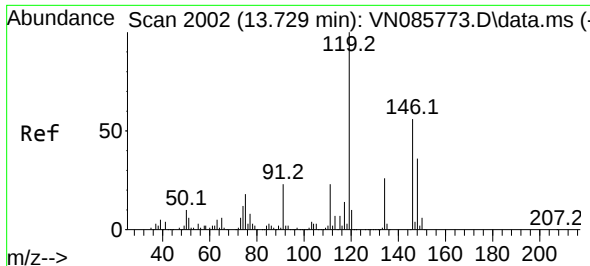
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#86
 p-Isopropyltoluene
 Concen: 15.763 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085988.D
 Acq: 14 Mar 2025 14:45

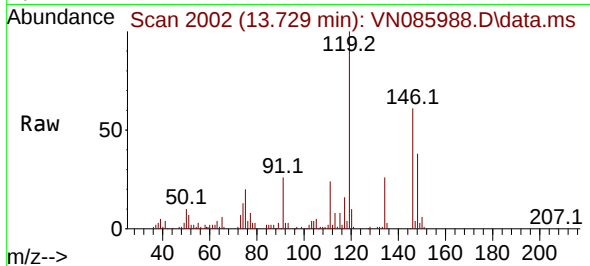
Tgt Ion:119 Resp: 83690
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 26.0 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 16.843 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

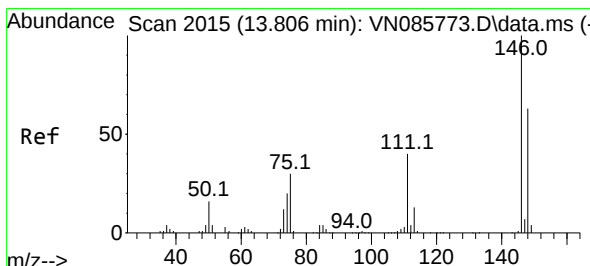
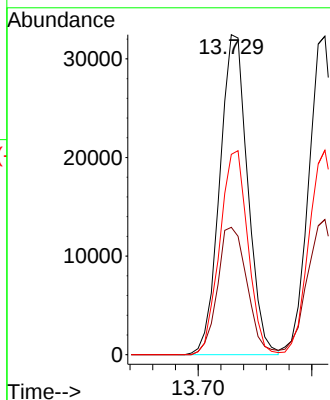
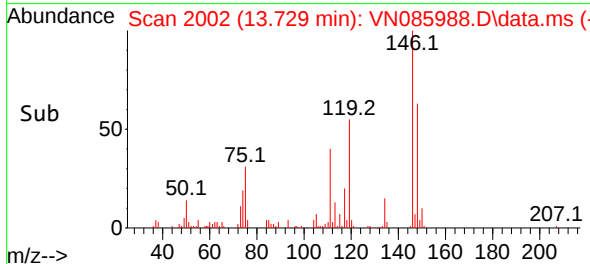
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



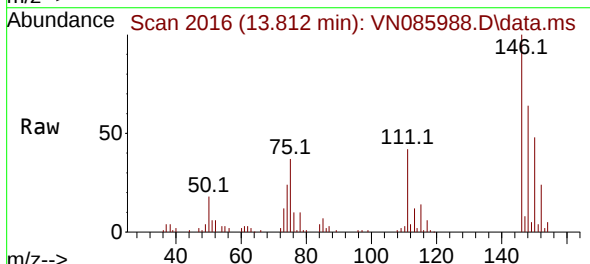
Tgt Ion:146 Resp: 55498
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 64.1 32.1 96.5

Manual Integrations
APPROVED

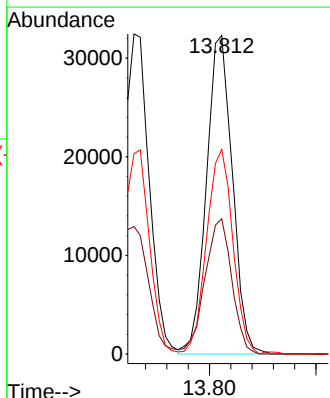
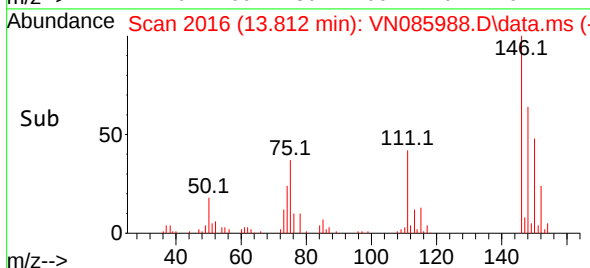
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

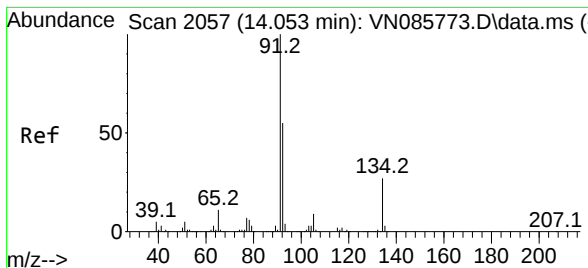


#88
1,4-Dichlorobenzene
Concen: 16.189 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45



Tgt Ion:146 Resp: 54675
Ion Ratio Lower Upper
146 100
111 43.8 20.4 61.3
148 63.8 31.8 95.4





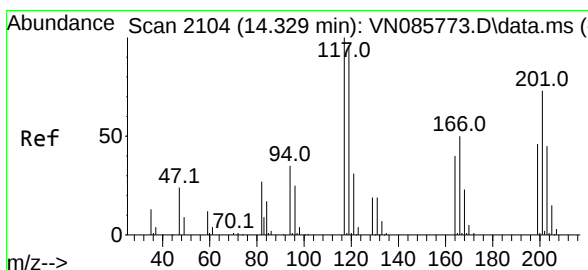
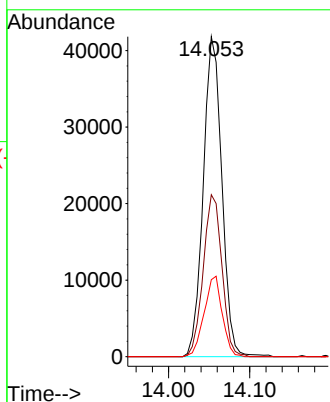
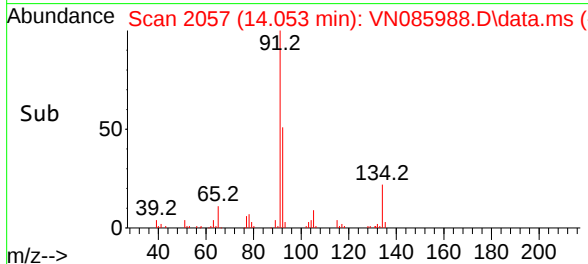
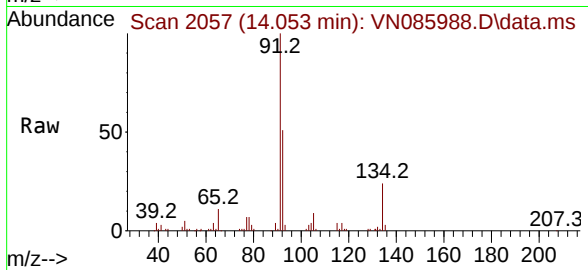
#89
n-Butylbenzene
Concen: 14.875 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion: 91 Resp: 66540
Ion Ratio Lower Upper
91 100
92 50.8 27.1 81.3
134 24.5 12.7 38.1

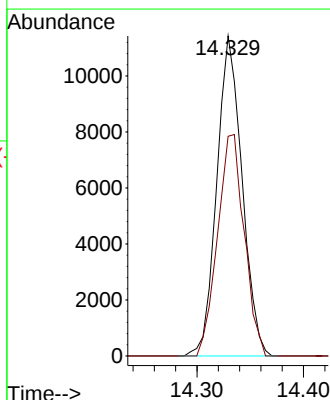
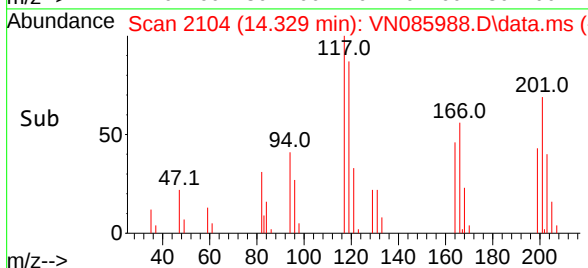
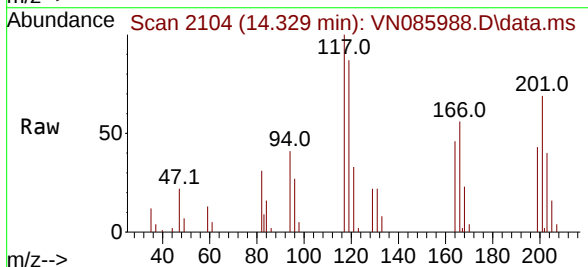
Manual Integrations
APPROVED

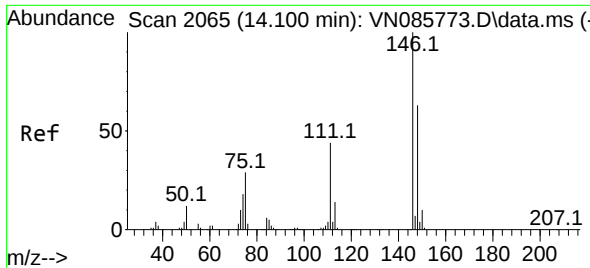
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#90
Hexachloroethane
Concen: 15.770 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Tgt Ion:117 Resp: 18817
Ion Ratio Lower Upper
117 100
201 73.0 35.6 106.9





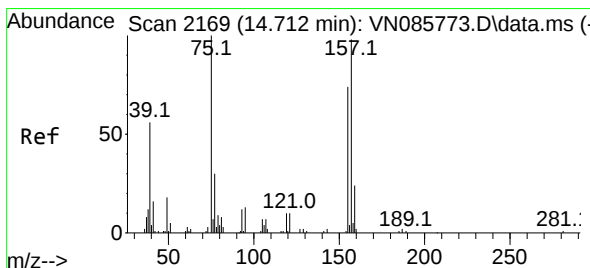
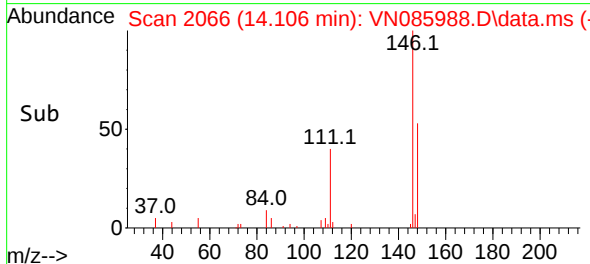
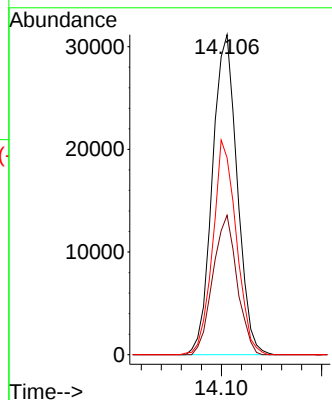
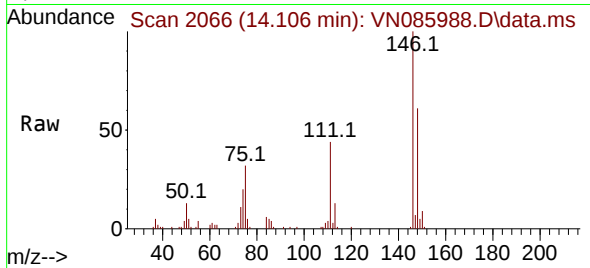
#91
1,2-Dichlorobenzene
Concen: 16.839 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion:146 Resp: 5335
Ion Ratio Lower Upper
146 100
111 42.5 21.4 64.3
148 63.8 32.0 96.2

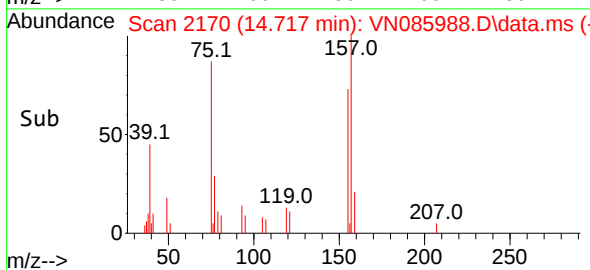
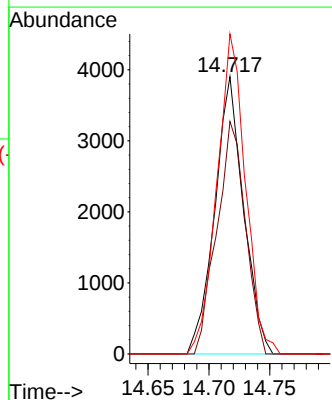
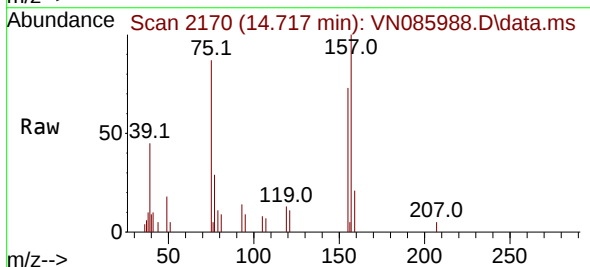
Manual Integrations
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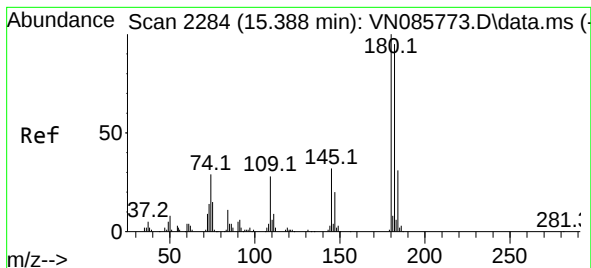
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.590 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Tgt Ion: 75 Resp: 6413
Ion Ratio Lower Upper
75 100
155 83.3 39.9 119.6
157 114.4 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 15.756 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN085988.D

Acq: 14 Mar 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS02

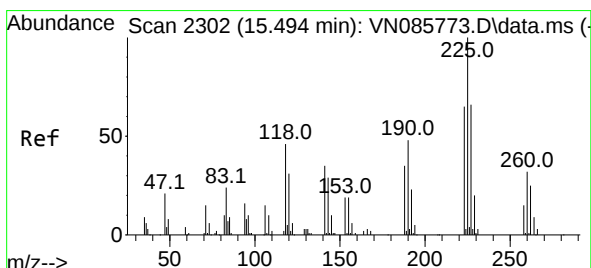
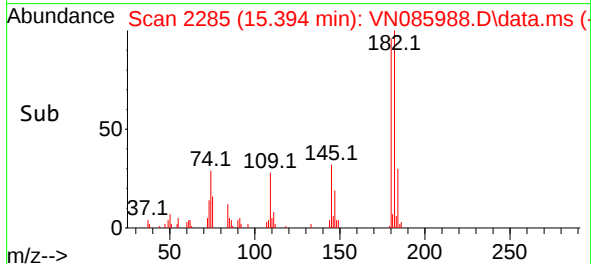
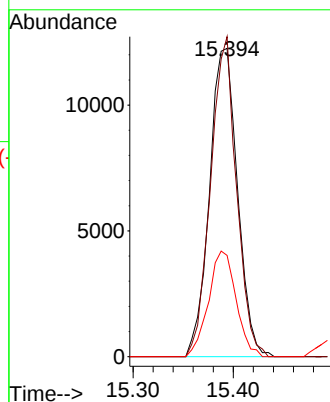
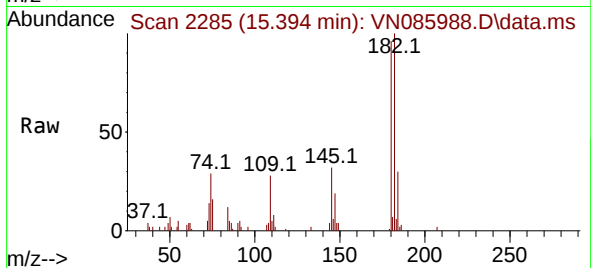
Tgt Ion:180	Resp:	23790
Ion Ratio	Lower	Upper
180	100	
182	95.5	47.3 141.9
145	33.7	16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#94

Hexachlorobutadiene

Concen: 14.781 ug/l

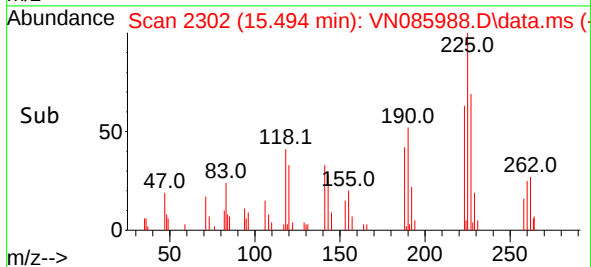
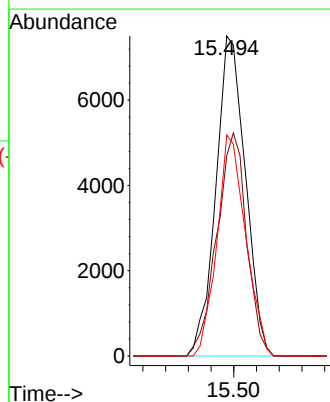
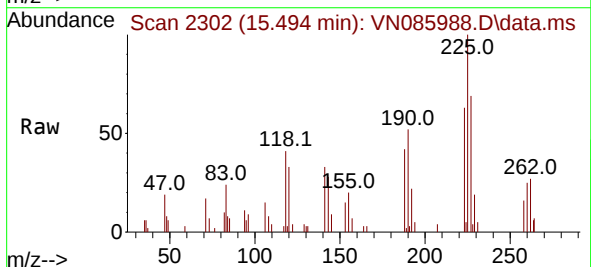
RT: 15.494 min Scan# 2302

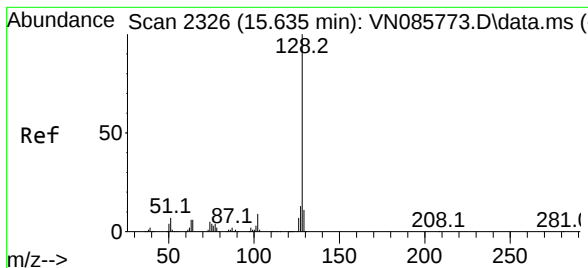
Delta R.T. -0.000 min

Lab File: VN085988.D

Acq: 14 Mar 2025 14:45

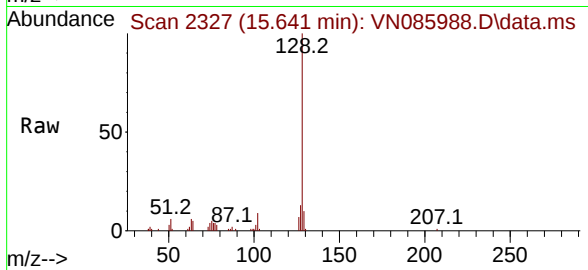
Tgt Ion:225	Resp:	13563
Ion Ratio	Lower	Upper
225	100	
223	70.0	31.9 95.5
227	67.2	32.2 96.6





#95
Naphthalene
Concen: 15.037 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

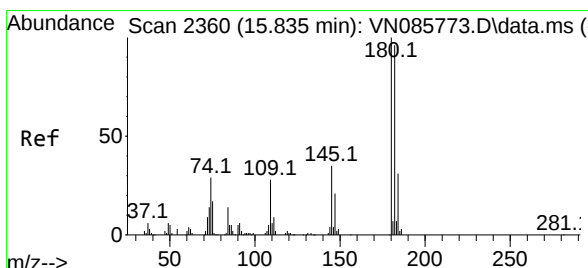
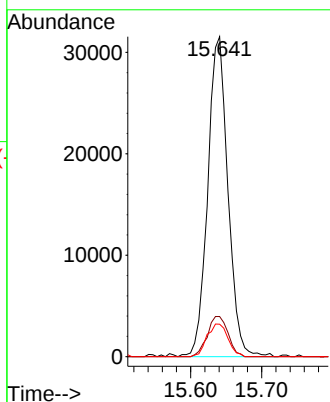
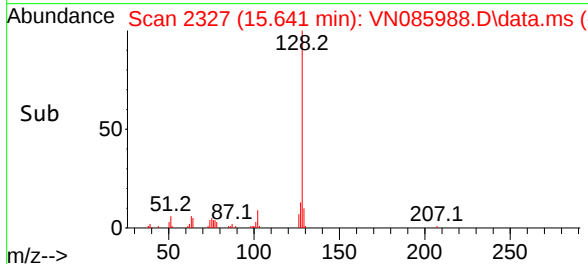
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



Tgt Ion:128 Resp: 6233
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 16.419 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085988.D
Acq: 14 Mar 2025 14:45

Tgt Ion:180 Resp: 24887
Ion Ratio Lower Upper
180 100
182 92.1 47.3 141.8
145 32.0 16.9 50.6

