

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111425\
 Data File : VN088283.D
 Acq On : 14 Nov 2025 09:41
 Operator : JC\MD
 Sample : VN1114WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2025
 Supervised By : Mahesh Dadoda 11/17/2025

Quant Time: Nov 14 21:47:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	59304	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	313554	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	280371	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	160778	29.680	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	98.933%	
60) 4-Bromofluorobenzene	12.829	95	140201	29.581	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	98.600%	
63) Toluene-d8	10.541	98	404847	30.500	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	101.667%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	78136	18.743	ug/l	99
3) Chloromethane	2.383	50	81974	19.072	ug/l	95
4) Vinyl Chloride	2.536	62	84606	18.616	ug/l	99
5) Bromomethane	2.983	94	47769	19.713	ug/l	89
6) Chloroethane	3.142	64	53357	18.994	ug/l	97
7) Trichlorofluoromethane	3.518	101	114592	17.985	ug/l	93
8) Diethyl Ether	3.965	74	46660	19.593	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	60245	18.023	ug/l	80
10) 1,1-Dichloroethene	4.341	96	61713	18.924	ug/l	94
11) Methyl Iodide	4.583	142	62271	17.943	ug/l	89
12) Methyl Acetate	5.018	43	103293	19.634	ug/l	90
13) Acrolein	4.177	56	67516	87.225	ug/l	100
14) Acrylonitrile	5.706	53	231708	96.925	ug/l	99
15) Acetone	4.424	58	65953	94.341	ug/l	86
16) Carbon Disulfide	4.706	76	209983	19.092	ug/l	98
17) Allyl chloride	5.018	41	117552	18.550	ug/l	98
18) Methylene Chloride	5.259	84	83086	20.498	ug/l	97
19) trans-1,2-Dichloroethene	5.777	96	72467	19.083	ug/l	99
20) Diisopropyl ether	6.653	45	256798	18.964	ug/l	96
21) 1,1-Dichloroethane	6.553	63	145315	19.047	ug/l	98
22) cis-1,2-Dichloroethene	7.471	96	85289	19.324	ug/l	96
23) tert-Butyl Alcohol	5.518	59	73900	84.070	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	256875	19.537	ug/l	100
25) Chloroform	7.953	83	146313	19.354	ug/l	99
26) Cyclohexane	8.241	56	114249	17.729	ug/l #	98
29) 1,1-Dichloropropene	8.353	75	99816	19.079	ug/l	97
30) 2-Butanone	7.471	43	322115	95.181	ug/l	98
31) 2,2-Dichloropropane	7.477	77	125665	19.474	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	122376	18.975	ug/l	98
33) Carbon Tetrachloride	8.347	117	104093	18.900	ug/l	98
34) Benzene	8.588	78	302912	19.370	ug/l	96
35) Methacrylonitrile	7.759	41	66962	18.969	ug/l	93
36) 1,2-Dichloroethane	8.653	62	118846	19.527	ug/l	100
37) Trichloroethene	9.335	130	68551	19.344	ug/l	93
38) Methylcyclohexane	9.582	83	105827	17.644	ug/l	100
39) 1,2-Dichloropropane	9.600	63	78277	19.401	ug/l	95
40) Dibromomethane	9.688	93	57513	19.840	ug/l	98
41) Bromodichloromethane	9.871	83	116563	19.975	ug/l	99
42) Vinyl Acetate	6.588	43	1211755	107.279	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.541	43	115471	16.958	ug/l	97
44) Isopropyl Acetate	8.676	43	201429	19.195	ug/l	100
45) 1,4-Dioxane	9.682	88	21830	345.448	ug/l	95
46) Methyl methacrylate	9.665	41	94289	19.201	ug/l	91
47) n-amyl Acetate	12.582	43	81840m	15.391	ug/l	
48) t-1,3-Dichloropropene	10.818	75	118714	19.020	ug/l	96
49) cis-1,3-Dichloropropene	10.288	75	127851	19.687	ug/l	99
50) 1,1,2-Trichloroethane	11.000	97	70708	19.726	ug/l	97
51) Ethyl methacrylate	10.853	69	110302	18.704	ug/l	90
52) 1,3-Dichloropropane	11.141	76	128186	19.637	ug/l	98
53) Dibromochloromethane	11.335	129	79806	19.383	ug/l	98
54) 1,2-Dibromoethane	11.447	107	74332	19.959	ug/l	95
55) 2-Chloroethyl vinyl ether	10.141	63	309281	91.042	ug/l	100
56) Bromoform	12.559	173	49286	18.912	ug/l	96
58) 4-Methyl-2-Pentanone	10.423	43	629784	99.315	ug/l	100
59) 2-Hexanone	11.176	43	411476	97.719	ug/l	99
61) Tetrachloroethene	11.082	164	54026	18.690	ug/l	91
62) Toluene	10.612	91	316243	19.655	ug/l	98
64) Chlorobenzene	11.870	112	193352	19.404	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.935	131	69473	20.370	ug/l	98
66) Ethyl Benzene	11.941	91	341247	19.244	ug/l	98
67) m/p-Xylenes	12.047	106	256854	38.733	ug/l	98
68) o-Xylene	12.376	106	118439	18.933	ug/l	99
69) Styrene	12.388	104	201756	18.989	ug/l	99
70) Isopropylbenzene	12.676	105	312750	18.865	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.917	83	107172	19.957	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	111173m	21.369	ug/l	
73) Bromobenzene	12.959	156	75039	20.049	ug/l	96
74) n-propylbenzene	13.012	91	382884	18.662	ug/l	100
75) 2-Chlorotoluene	13.100	91	234052	18.761	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	267060	19.191	ug/l	100
77) t-1,4-Dichloro-2-butene	12.717	75	33315	18.647	ug/l	93
78) 4-Chlorotoluene	13.200	91	233650	18.482	ug/l	97
79) tert-butylbenzene	13.417	119	223315	18.743	ug/l	99
80) 1,2,4-Trimethylbenzene	13.459	105	268346	19.392	ug/l	97
81) sec-Butylbenzene	13.594	105	324668	18.683	ug/l	98
82) p-Isopropyltoluene	13.706	119	264787	18.440	ug/l	98
83) 1,3-Dichlorobenzene	13.711	146	141199	19.417	ug/l	99
84) 1,4-Dichlorobenzene	13.794	146	142468	19.346	ug/l	99
85) n-Butylbenzene	14.035	91	256344	18.731	ug/l	100
86) Hexachloroethane	14.306	117	52358	19.043	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	134793	19.638	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	25430	20.146	ug/l	93
89) 1,2,4-Trichlorobenzene	15.811	180	72891	18.924	ug/l	98
90) Hexachlorobutadiene	15.476	225	28806	19.258	ug/l	96
91) Naphthalene	15.611	128	259315	18.607	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	72891	18.924	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

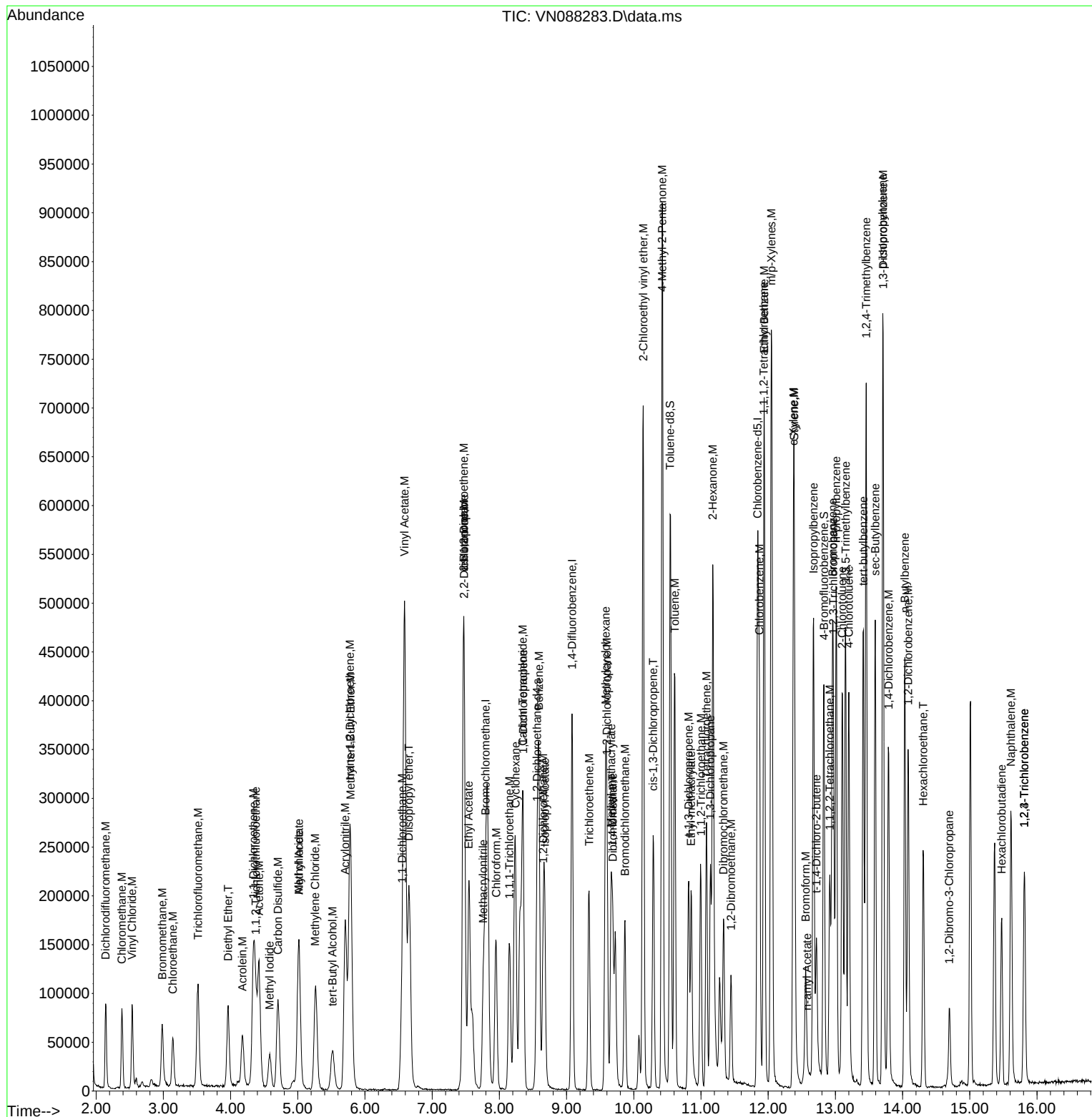
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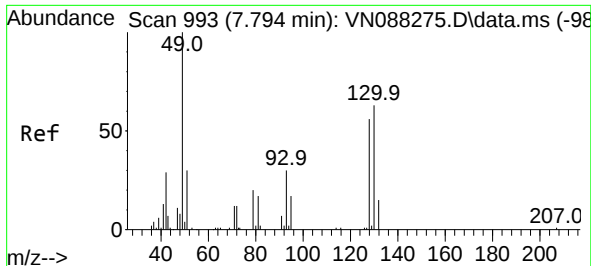
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

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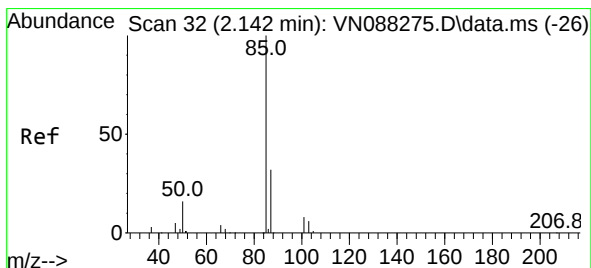
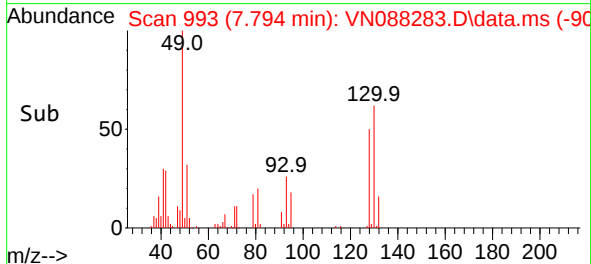
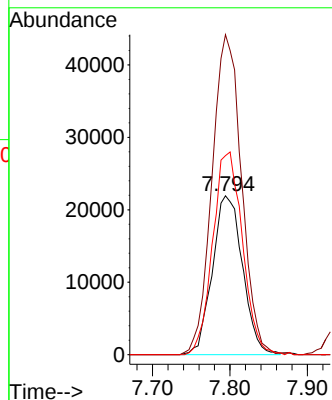
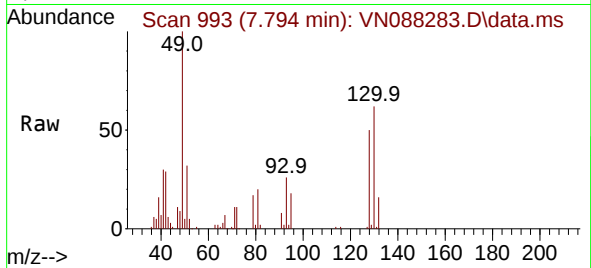
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:128 Resp: 59304
Ion Ratio Lower Upper
128 100
49 197.0 0.0 501.2
130 125.8 0.0 320.2

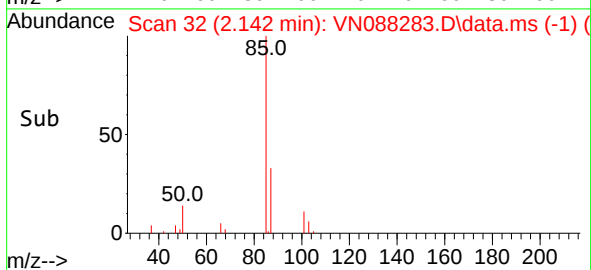
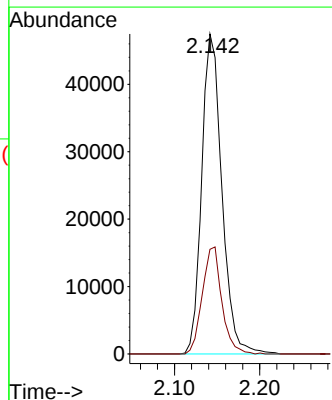
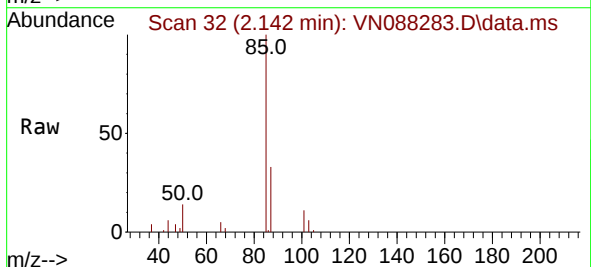
Manual Integrations
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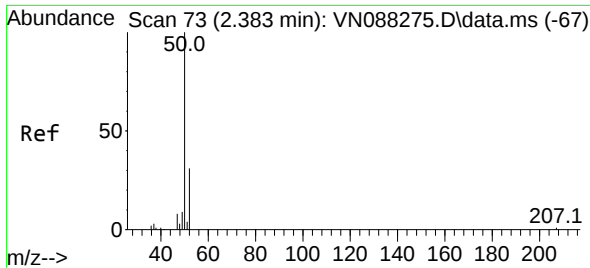
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#2
Dichlorodifluoromethane
Concen: 18.743 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

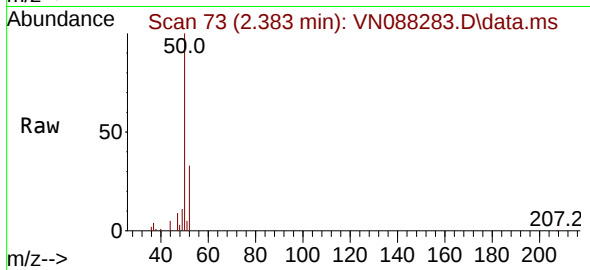
Tgt Ion: 85 Resp: 78136
Ion Ratio Lower Upper
85 100
87 32.7 16.0 48.0





#3
Chloromethane
Concen: 19.072 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

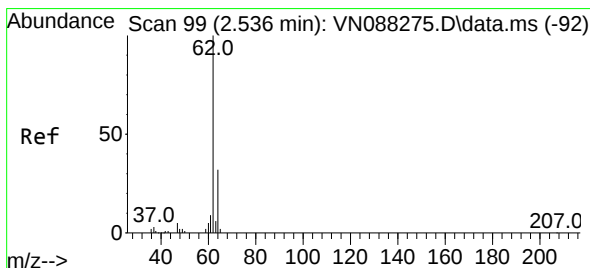
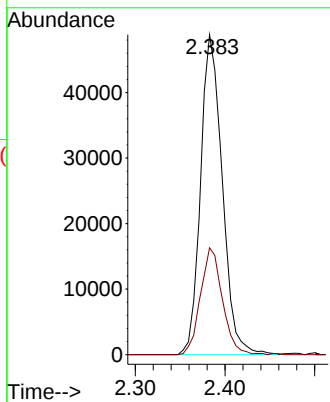
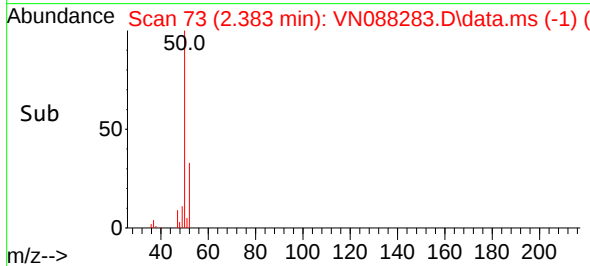
Instrument :
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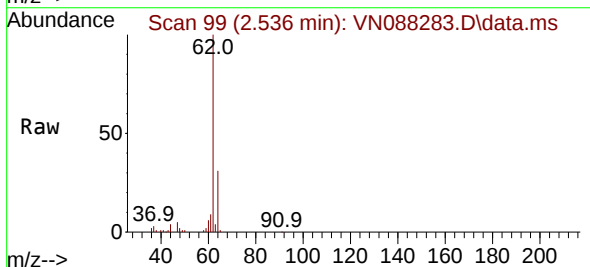
Tgt Ion: 50 Resp: 81974
Ion Ratio Lower Upper
50 100
52 33.4 24.6 36.8

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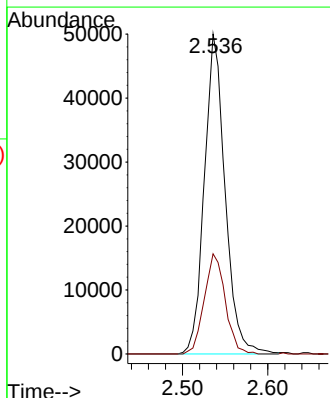
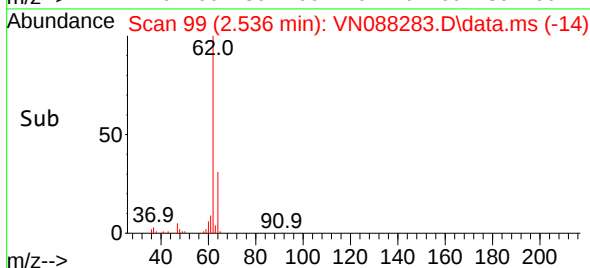
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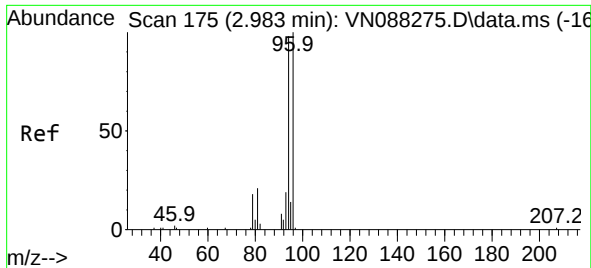


#4
Vinyl Chloride
Concen: 18.616 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088283.D
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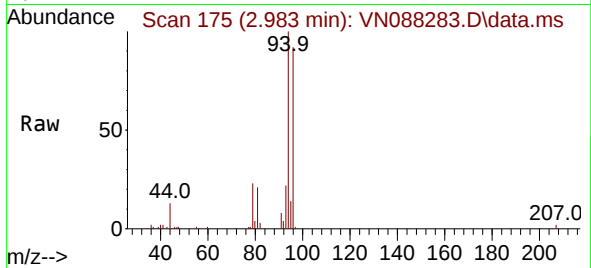
Tgt Ion: 62 Resp: 84606
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.2





#5
Bromomethane
Concen: 19.713 ug/l
RT: 2.983 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

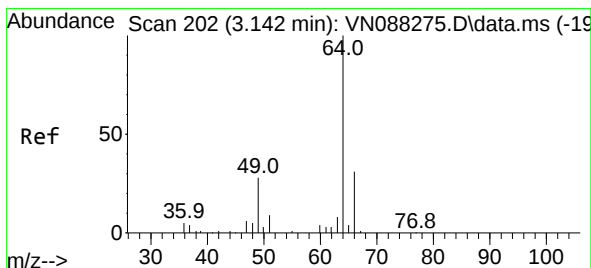
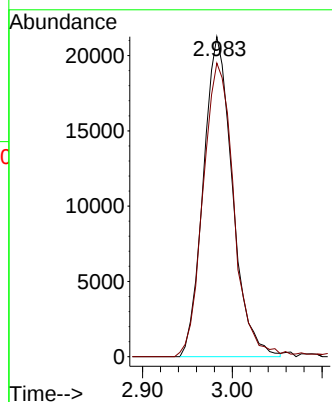
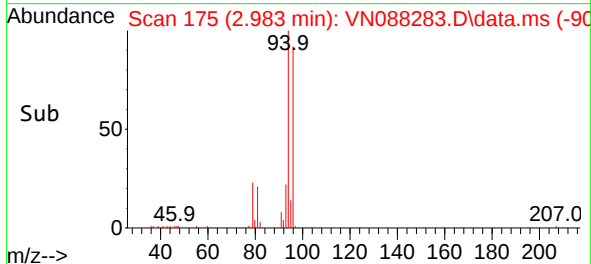
Instrument :
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ClientSampleId :
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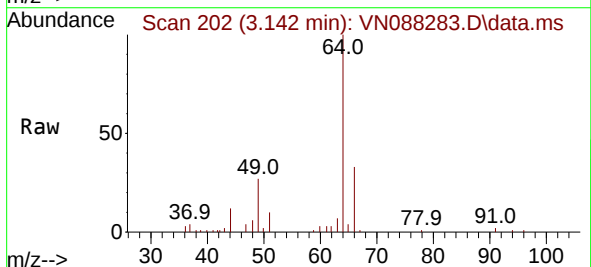
Tgt Ion: 94 Resp: 47769
Ion Ratio Lower Upper
94 100
96 90.8 81.3 121.9

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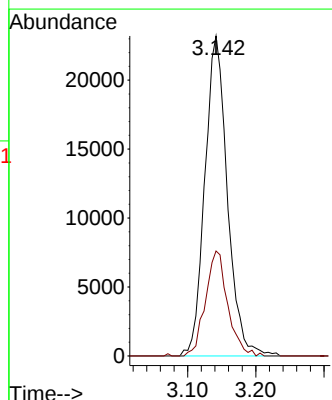
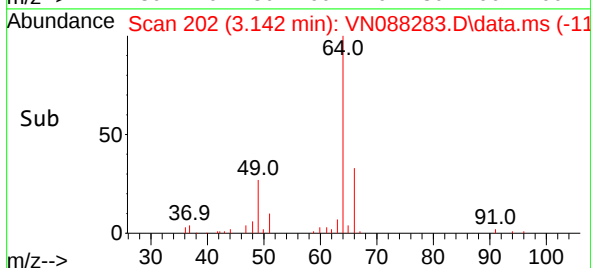
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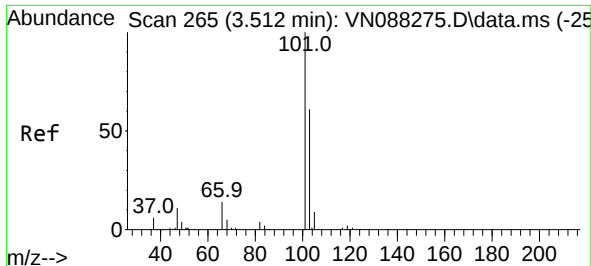


#6
Chloroethane
Concen: 18.994 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN088283.D
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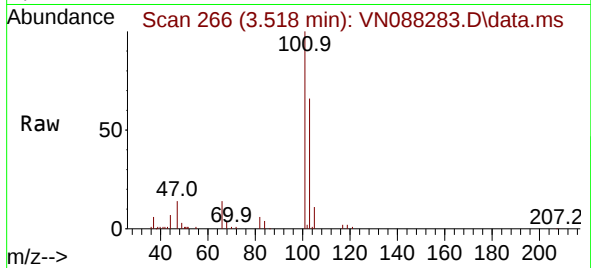
Tgt Ion: 64 Resp: 53357
Ion Ratio Lower Upper
64 100
66 32.8 24.7 37.1





#7
Trichlorofluoromethane
Concen: 17.985 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN088283.D
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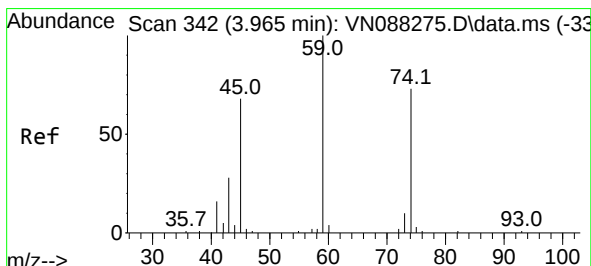
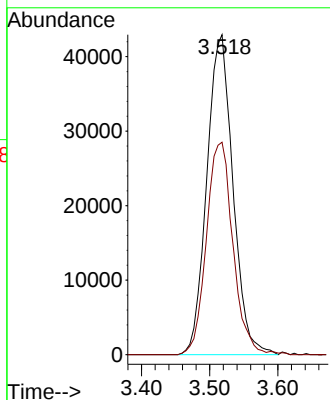
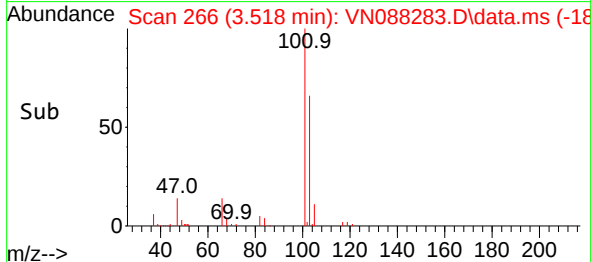
Instrument :
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ClientSampleId :
VN1114WBS01



Tgt Ion:101 Resp: 114592
Ion Ratio Lower Upper
101 100
103 66.4 48.6 73.0

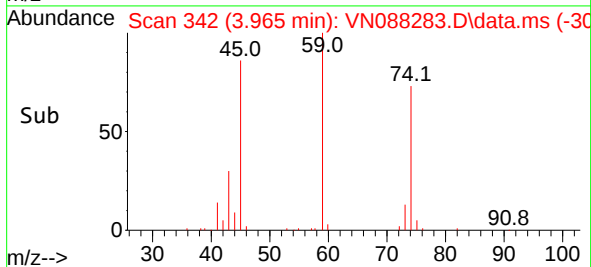
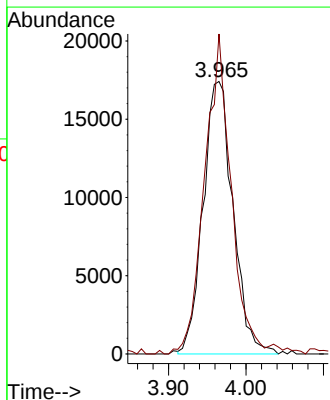
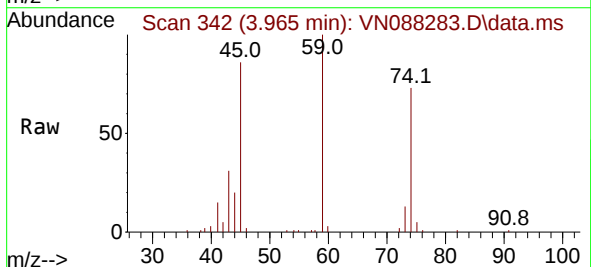
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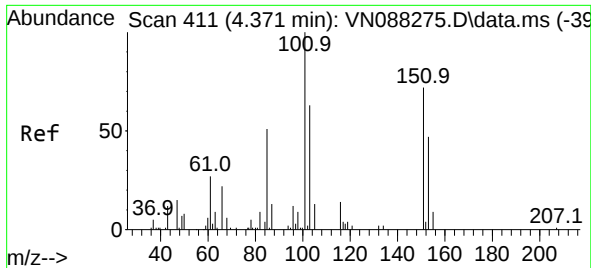
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#8
Diethyl Ether
Concen: 19.593 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Tgt Ion: 74 Resp: 46660
Ion Ratio Lower Upper
74 100
45 103.5 20.9 187.7





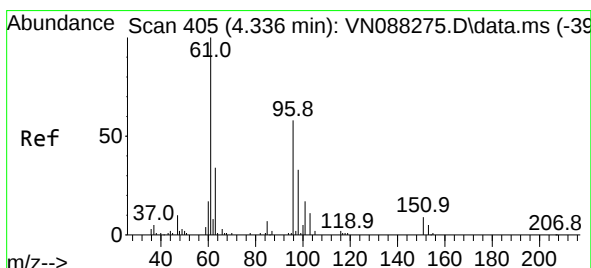
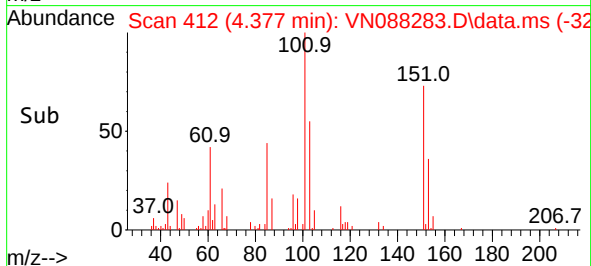
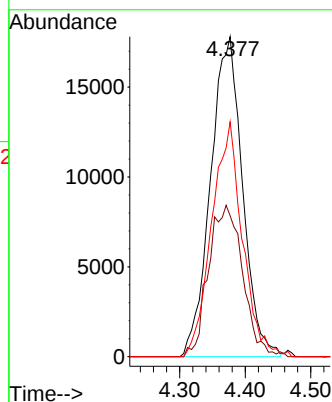
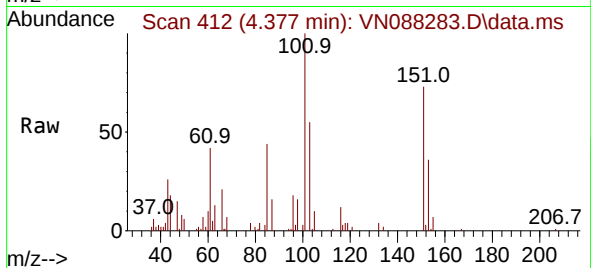
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1,1,2-Trichlorotrifluoroethane
Concen: 18.023 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:101 Resp: 6024
Ion Ratio Lower Upper
101 100
85 18.7 0.0 100.8
151 70.3 0.0 138.4

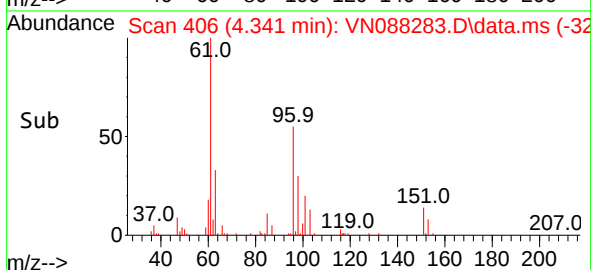
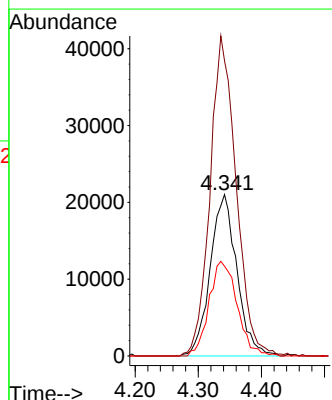
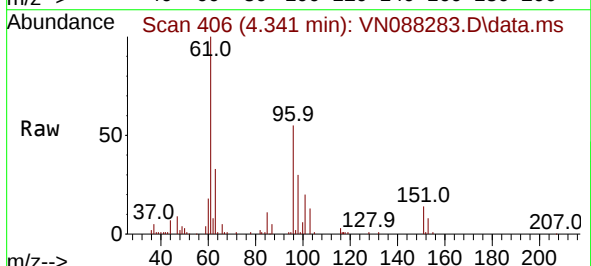
Manual Integrations
APPROVED

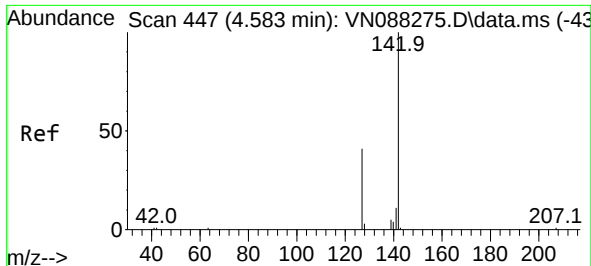
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#10
1,1-Dichloroethene
Concen: 18.924 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

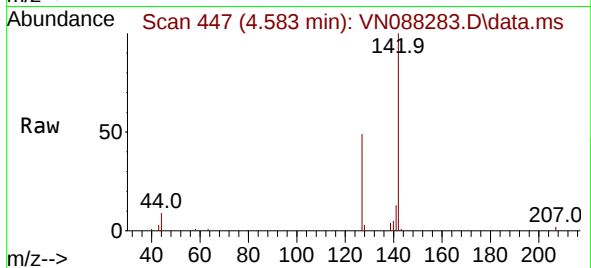
Tgt Ion: 96 Resp: 61713
Ion Ratio Lower Upper
96 100
61 182.9 137.8 206.8
98 55.6 45.6 68.4





#11
Methyl Iodide
Concen: 17.943 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

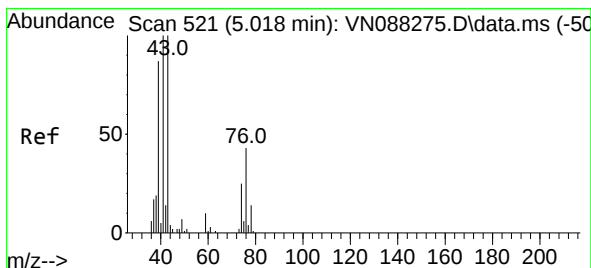
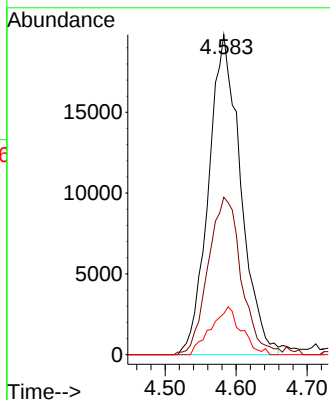
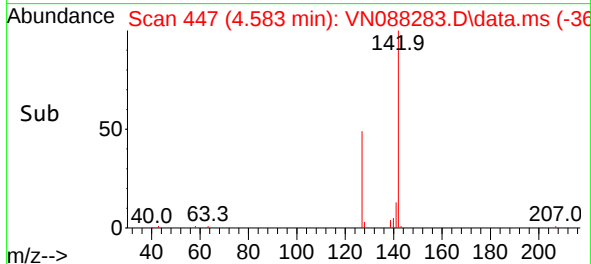
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion:142 Resp: 6227
Ion Ratio Lower Upper
142 100
127 48.4 20.4 61.2
141 13.0 5.6 16.8

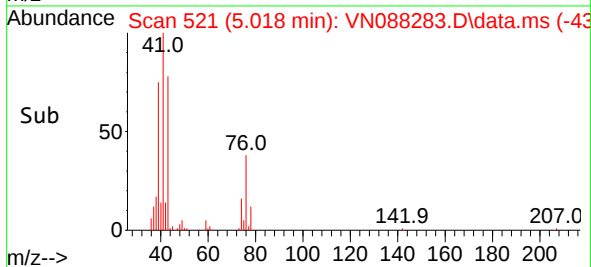
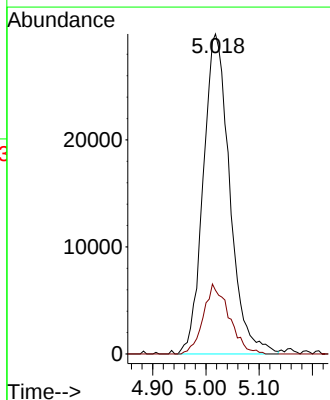
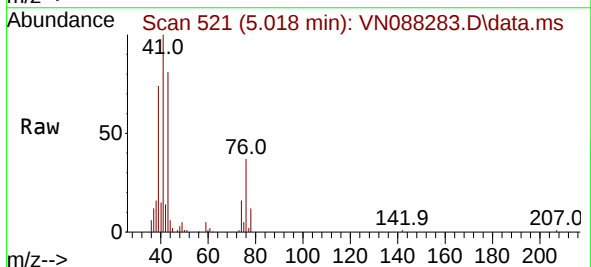
Manual Integrations
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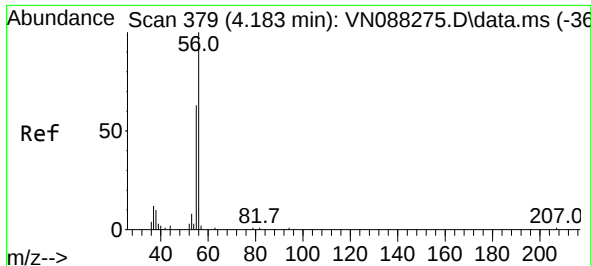
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#12
Methyl Acetate
Concen: 19.634 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Tgt Ion: 43 Resp: 103293
Ion Ratio Lower Upper
43 100
74 20.0 19.8 29.8





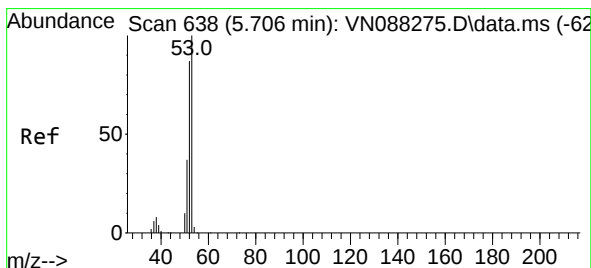
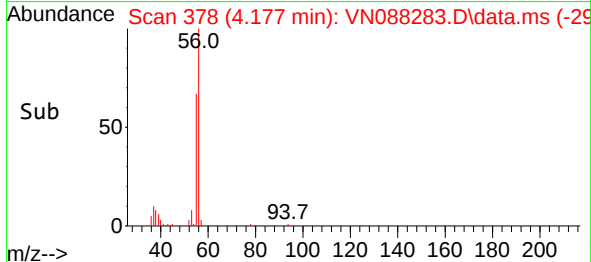
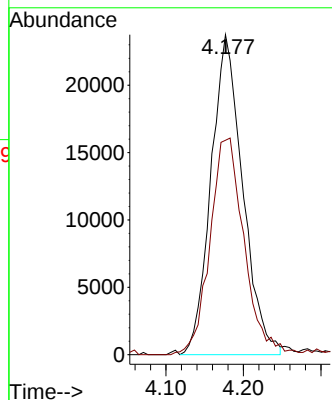
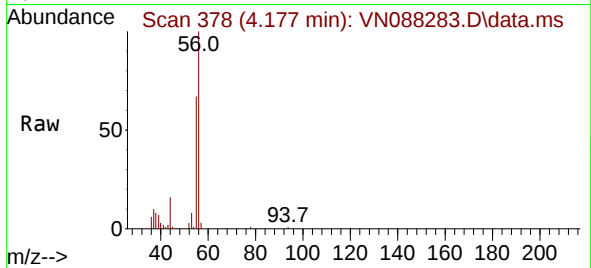
#13
Acrolein
Concen: 87.225 ug/l
RT: 4.177 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 56 Resp: 67510
Ion Ratio Lower Upper
56 100
55 72.4 57.9 86.9

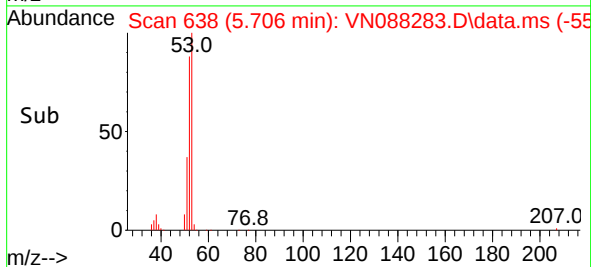
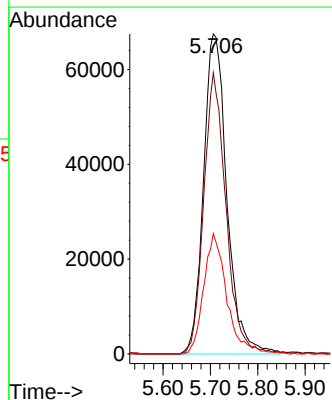
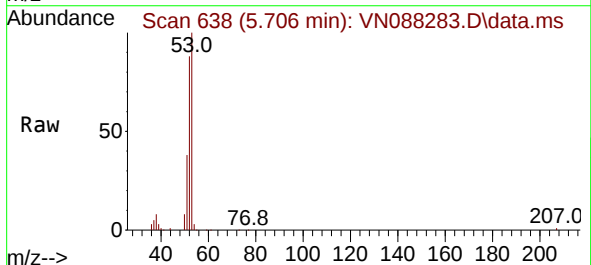
Manual Integrations
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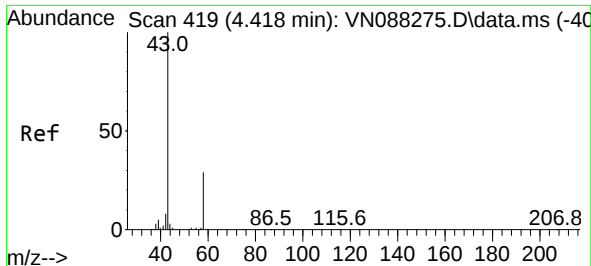
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#14
Acrylonitrile
Concen: 96.925 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Tgt Ion: 53 Resp: 231708
Ion Ratio Lower Upper
53 100
52 82.9 42.3 126.9
51 36.6 18.4 55.2





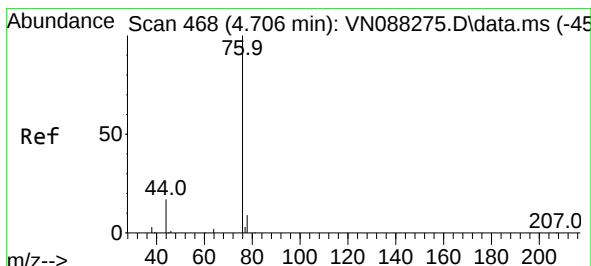
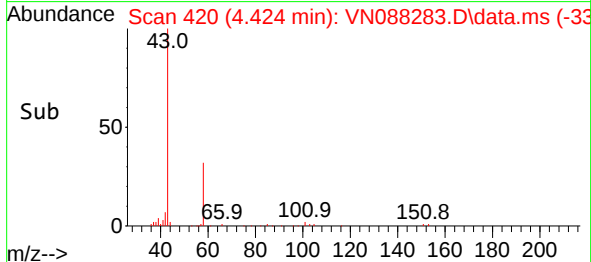
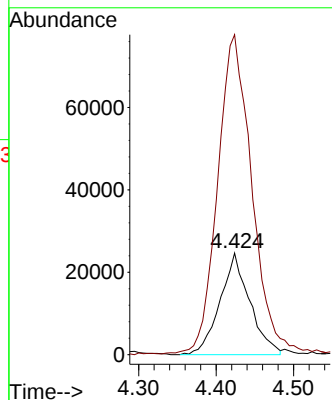
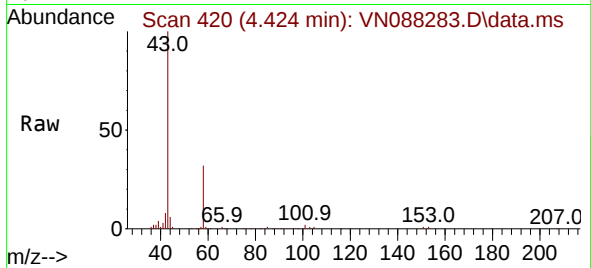
#15
Acetone
Concen: 94.341 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 58 Resp: 6595
Ion Ratio Lower Upper
58 100
43 311.8 273.9 410.9

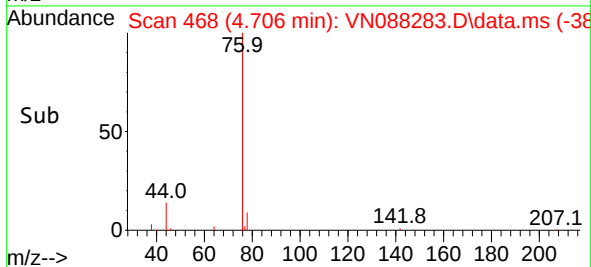
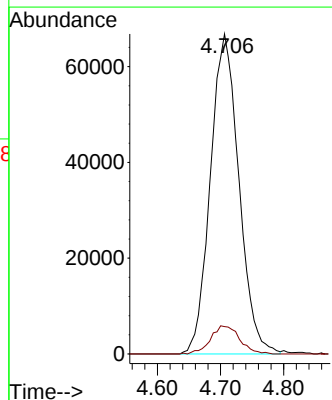
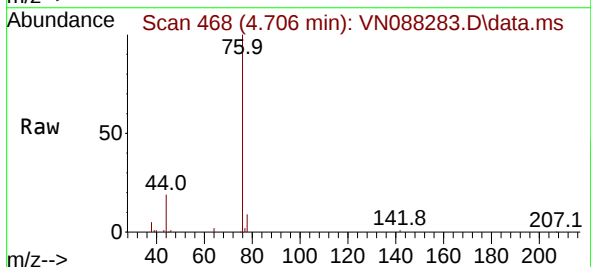
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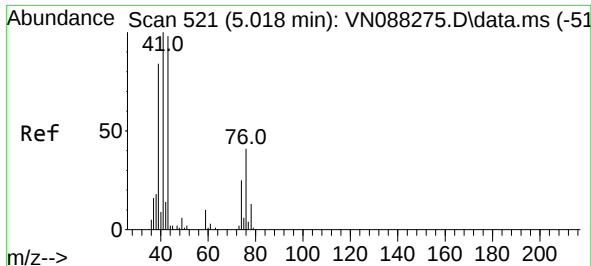
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#16
Carbon Disulfide
Concen: 19.092 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

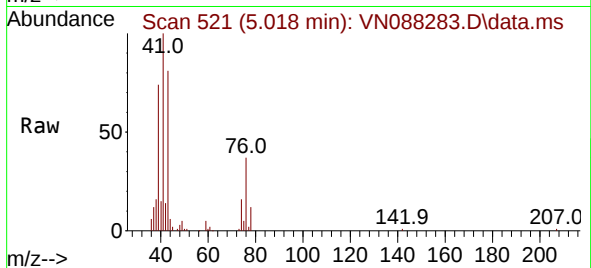
Tgt Ion: 76 Resp: 209983
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3





#17
 Allyl chloride
 Concen: 18.550 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN088283.D
 Acq: 14 Nov 2025 09:41

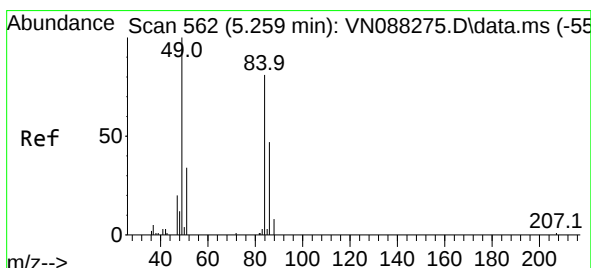
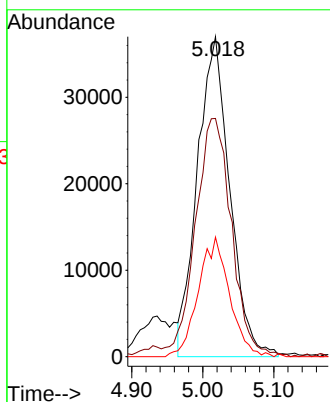
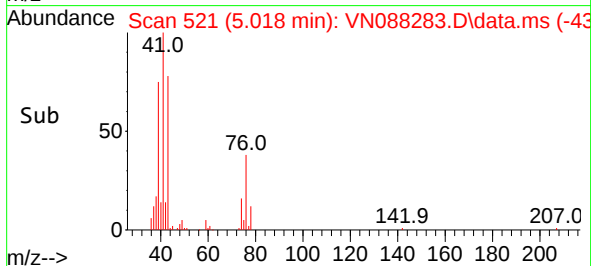
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01



Tgt Ion: 41 Resp: 117552
 Ion Ratio Lower Upper
 41 100
 39 73.9 38.3 114.9
 76 36.7 18.5 55.5

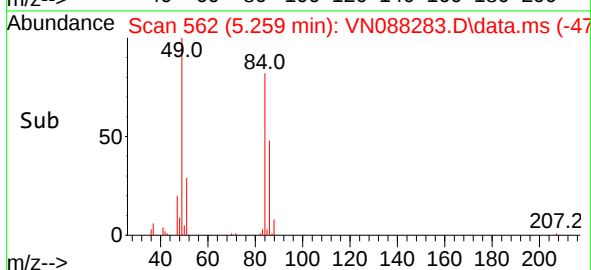
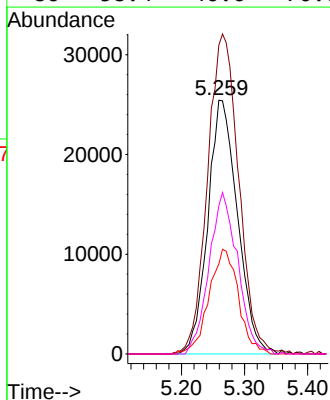
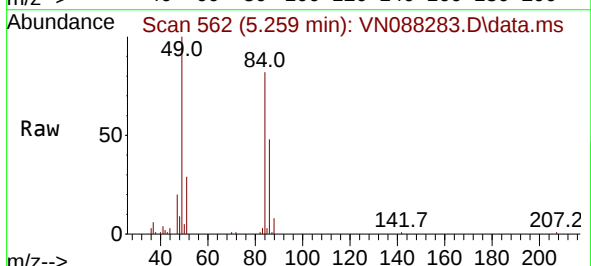
Manual Integrations
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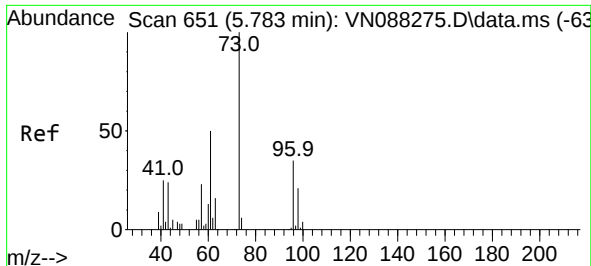
Reviewed By :John Carlone 11/17/2025
 Supervised By :Mahesh Dadoda 11/17/2025



#18
 Methylene Chloride
 Concen: 20.498 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. -0.000 min
 Lab File: VN088283.D
 Acq: 14 Nov 2025 09:41

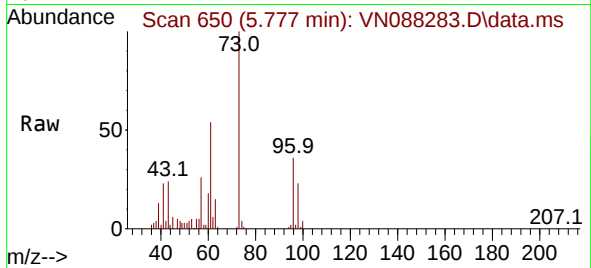
Tgt Ion: 84 Resp: 83086
 Ion Ratio Lower Upper
 84 100
 49 121.0 98.7 148.1
 51 35.4 33.7 50.5
 86 58.4 46.6 70.0





#19
trans-1,2-Dichloroethene
Concen: 19.083 ug/l
RT: 5.777 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

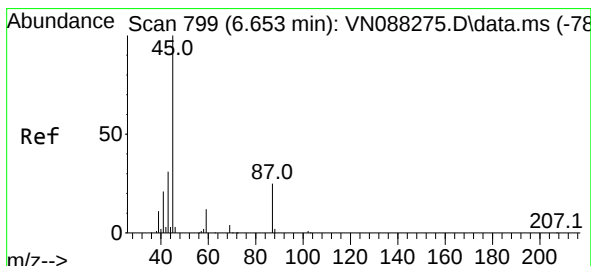
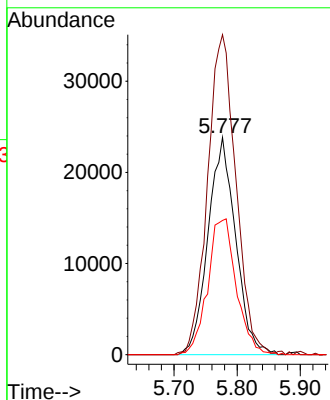
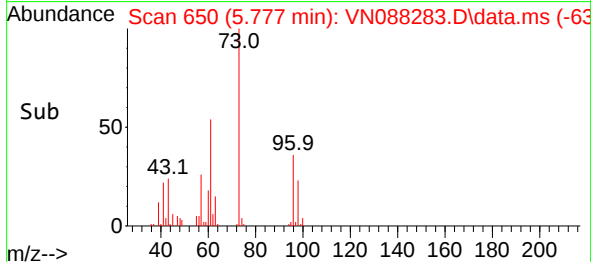
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



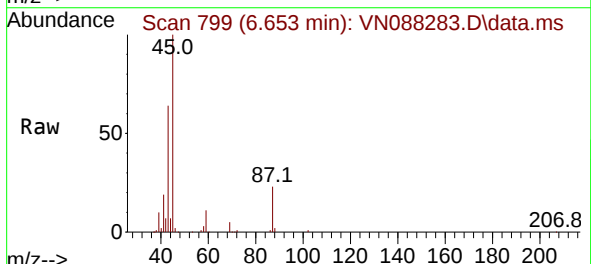
Tgt Ion: 96 Resp: 7246
Ion Ratio Lower Upper
96 100
61 146.4 117.0 175.4
98 61.8 48.6 72.8

Manual Integrations
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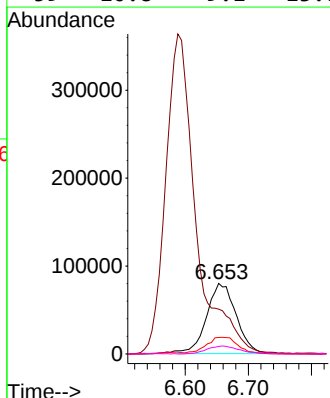
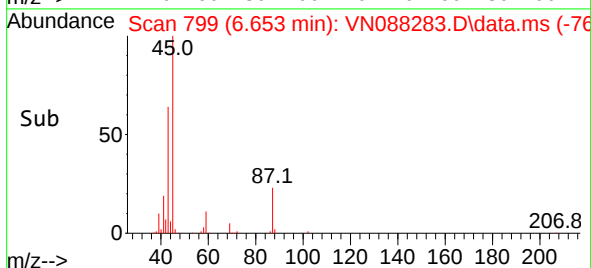
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

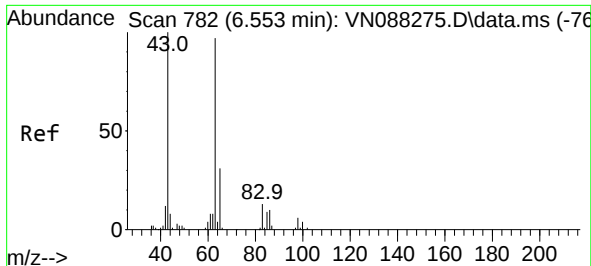


#20
Diisopropyl ether
Concen: 18.964 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41



Tgt Ion: 45 Resp: 256798
Ion Ratio Lower Upper
45 100
43 62.5 51.9 77.9
87 23.4 21.1 31.7
59 10.8 9.1 13.7





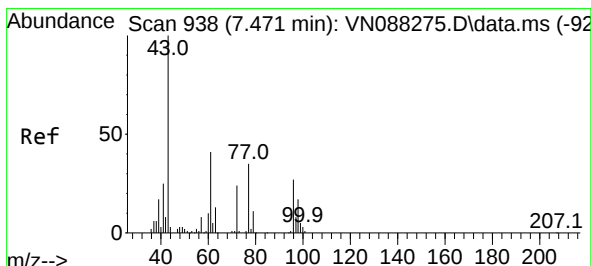
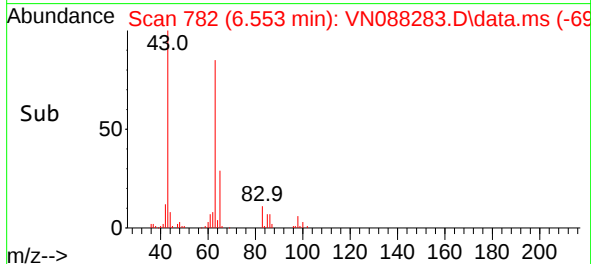
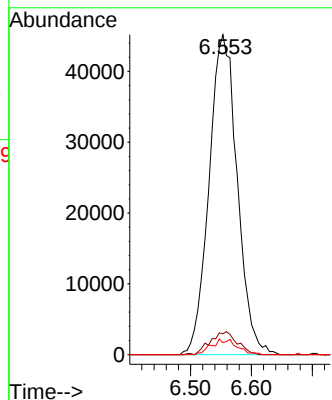
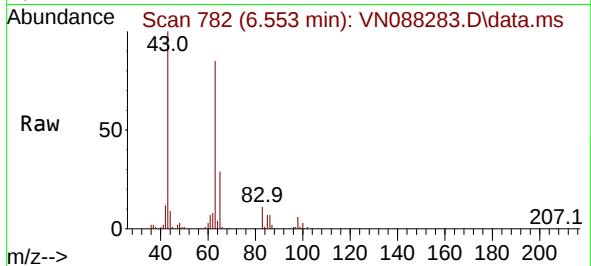
#21
1,1-Dichloroethane
Concen: 19.047 ug/l
RT: 6.553 min Scan# 782
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 63 Resp: 14531
Ion Ratio Lower Upper
63 100
98 6.6 3.0 9.0
100 3.7 2.1 6.3

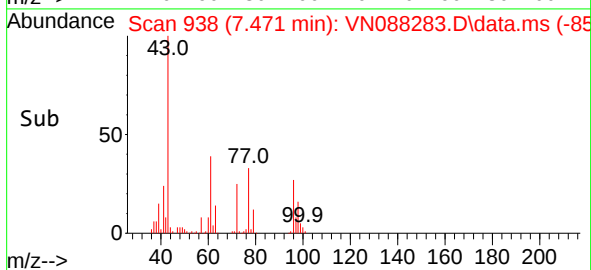
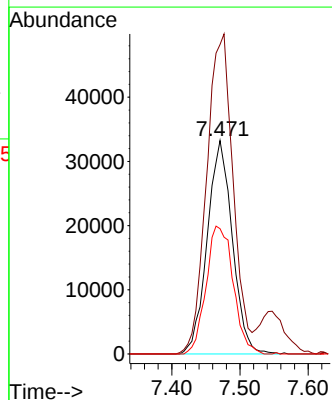
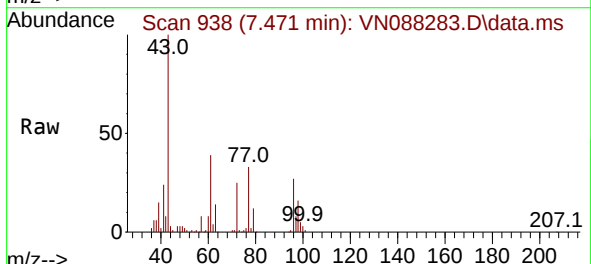
Manual Integrations
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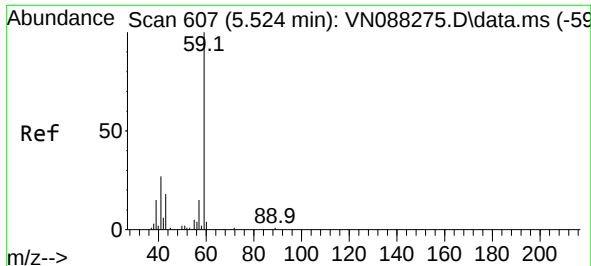
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#22
cis-1,2-Dichloroethene
Concen: 19.324 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Tgt Ion: 96 Resp: 85289
Ion Ratio Lower Upper
96 100
61 157.9 131.2 196.8
98 64.4 51.0 76.4





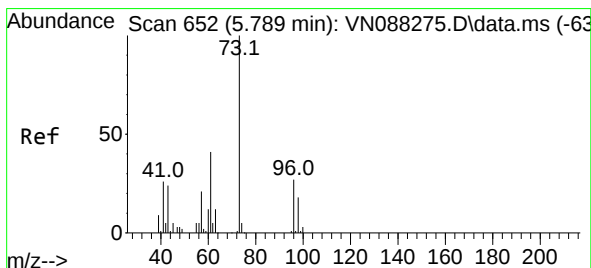
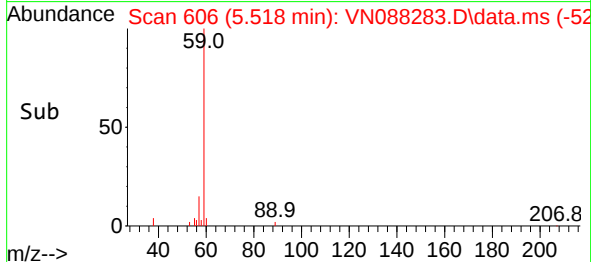
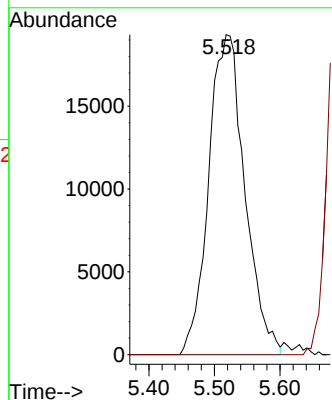
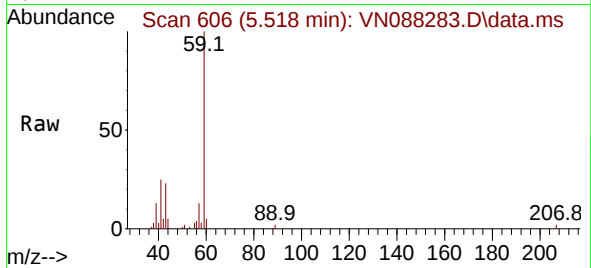
#23
tert-Butyl Alcohol
Concen: 84.070 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 59 Resp: 73900
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

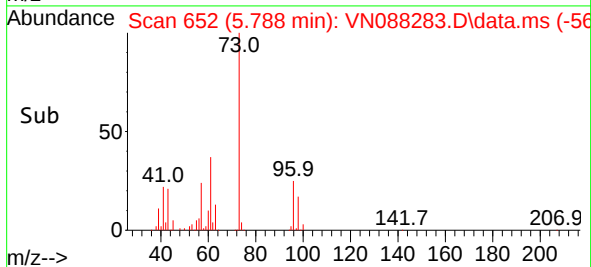
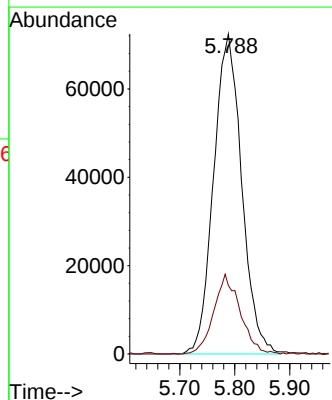
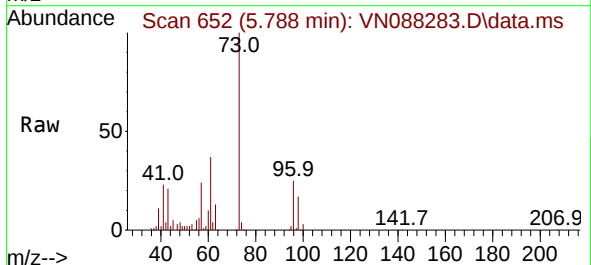
Manual Integrations
APPROVED

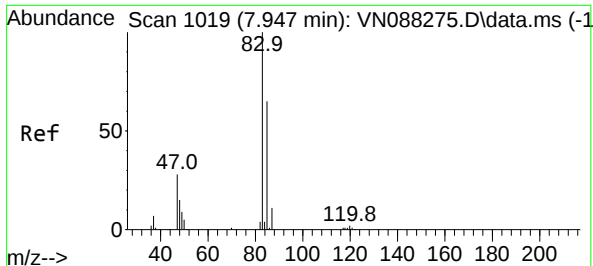
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#24
Methyl tert-Butyl Ether
Concen: 19.537 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Tgt Ion: 73 Resp: 256875
Ion Ratio Lower Upper
73 100
43 23.3 18.5 27.7





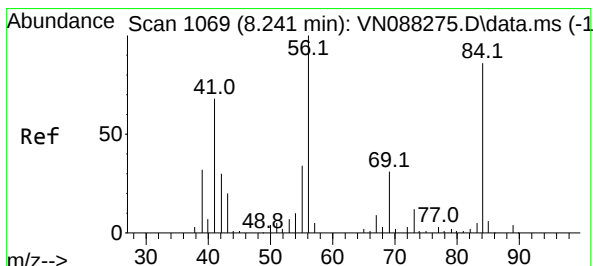
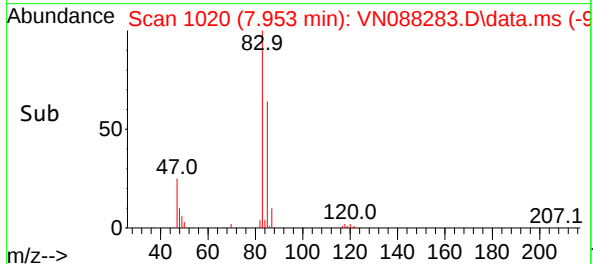
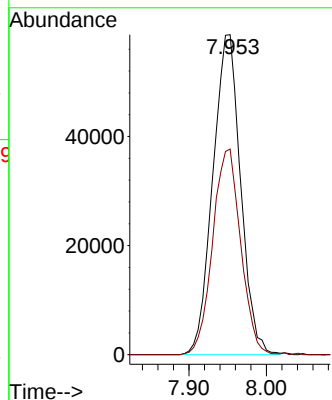
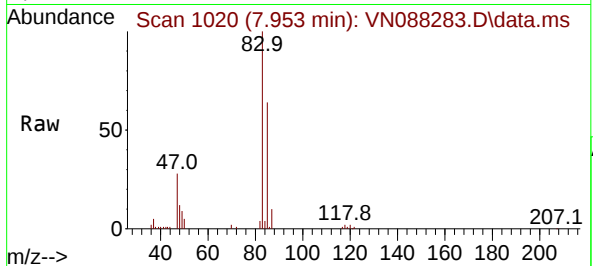
#25
Chloroform
Concen: 19.354 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 83 Resp: 14631
Ion Ratio Lower Upper
83 100
85 64.2 52.2 78.4

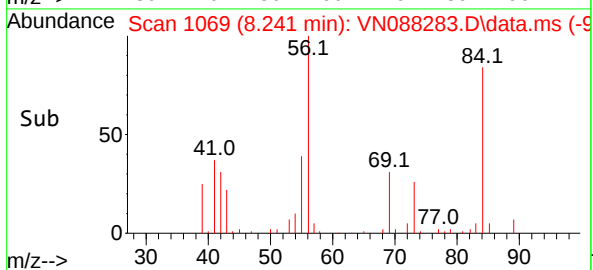
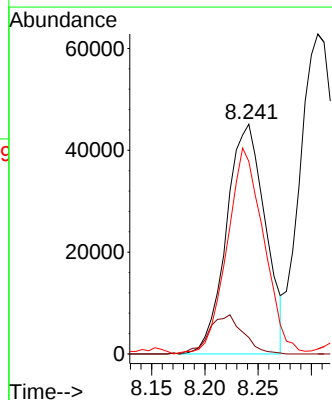
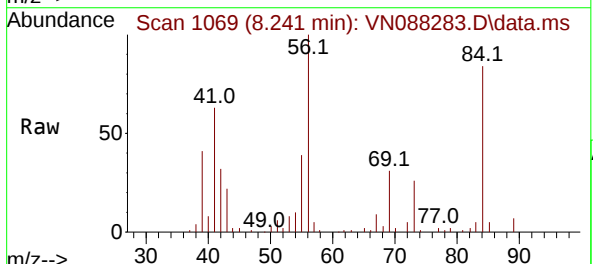
Manual Integrations
APPROVED

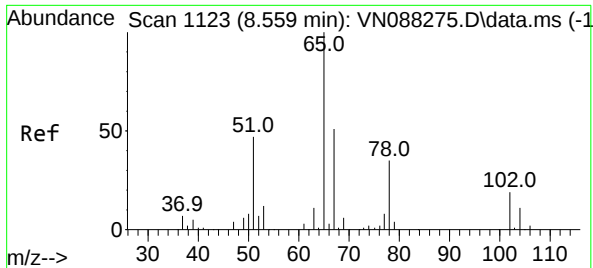
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#26
Cyclohexane
Concen: 17.729 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

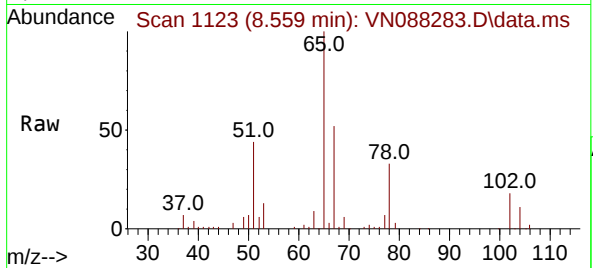
Tgt Ion: 56 Resp: 114249
Ion Ratio Lower Upper
56 100
89 15.1 7.3 10.9#
84 84.7 67.8 101.8





#27
1,2-Dichloroethane-d4
Concen: 29.680 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

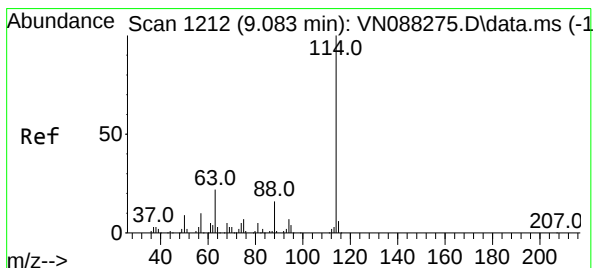
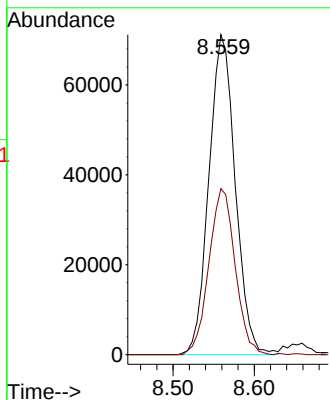
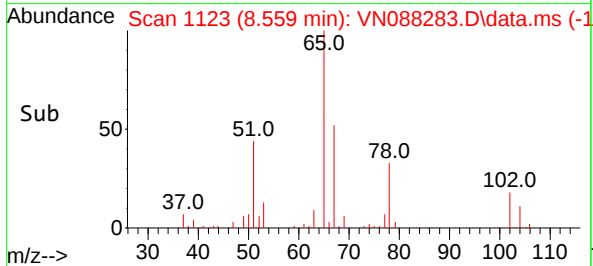
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



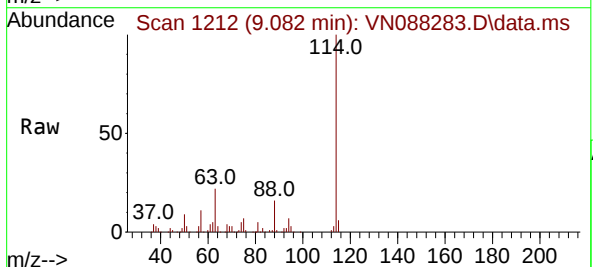
Tgt Ion: 65 Resp: 160778
Ion Ratio Lower Upper
65 100
67 51.6 40.2 60.2

Manual Integrations
APPROVED

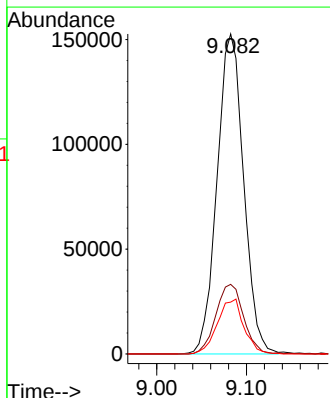
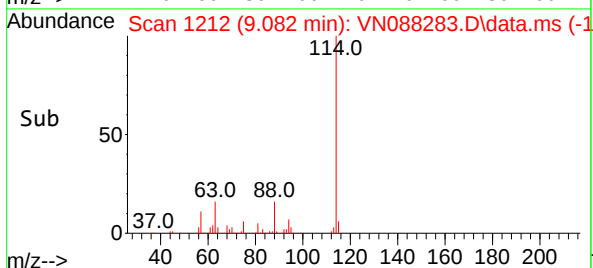
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

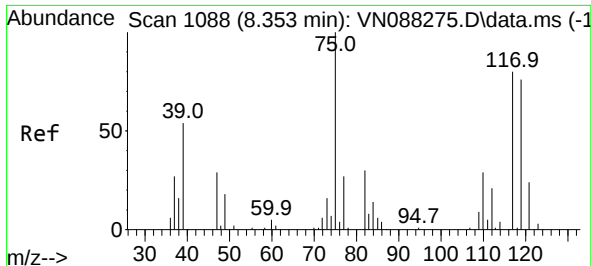


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41



Tgt Ion:114 Resp: 313554
Ion Ratio Lower Upper
114 100
63 22.7 18.9 28.3
88 17.1 12.8 19.2





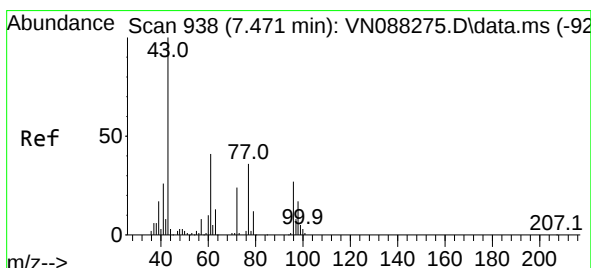
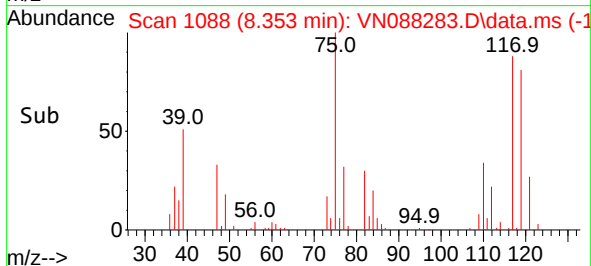
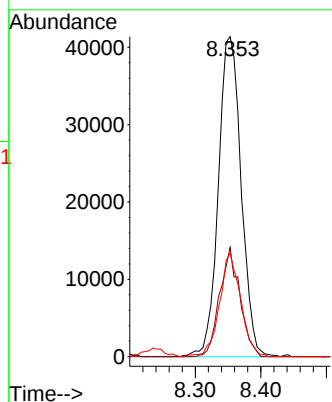
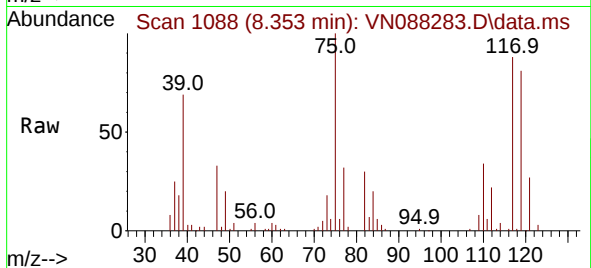
#29
1,1-Dichloropropene
Concen: 19.079 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion: 75 Resp: 99810
Ion Ratio Lower Upper
75 100
110 30.3 0.0 65.6
77 29.7 0.0 60.8

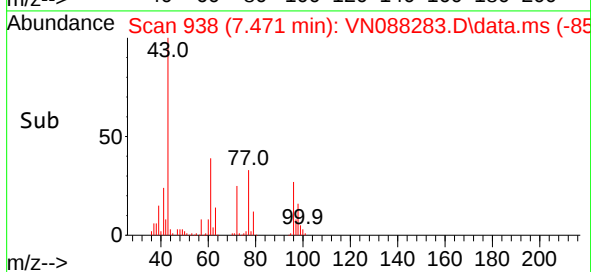
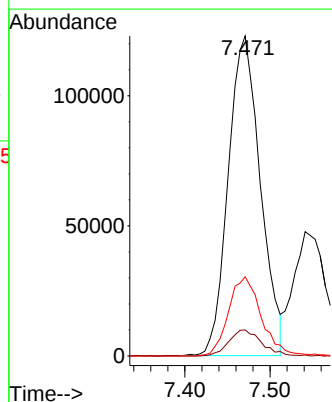
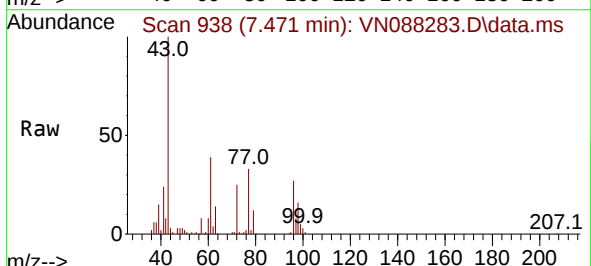
Manual Integrations
APPROVED

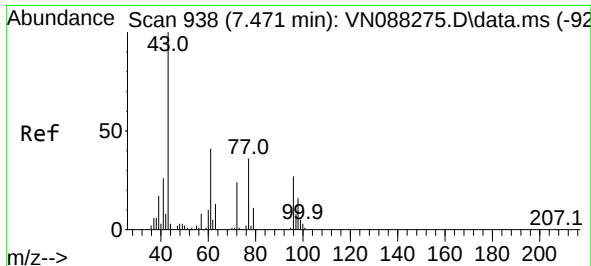
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#30
2-Butanone
Concen: 95.181 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

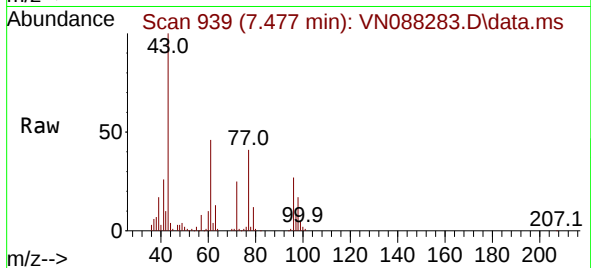
Tgt Ion: 43 Resp: 322115
Ion Ratio Lower Upper
43 100
57 8.2 6.2 9.4
72 25.2 19.4 29.2





#31
2,2-Dichloropropane
Concen: 19.474 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

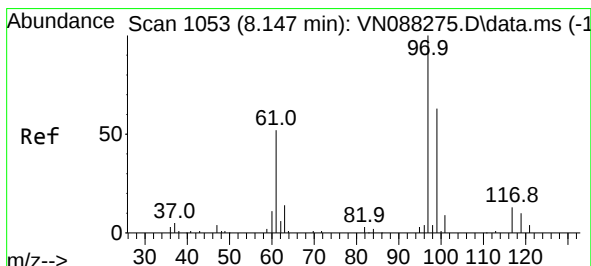
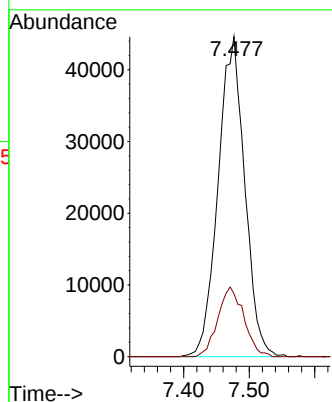
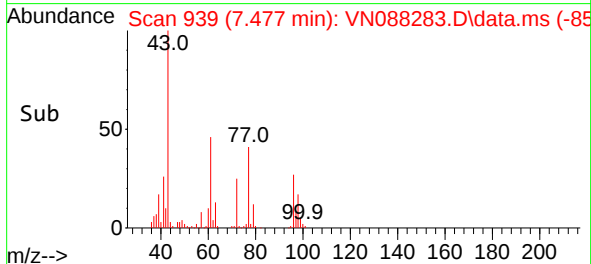
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



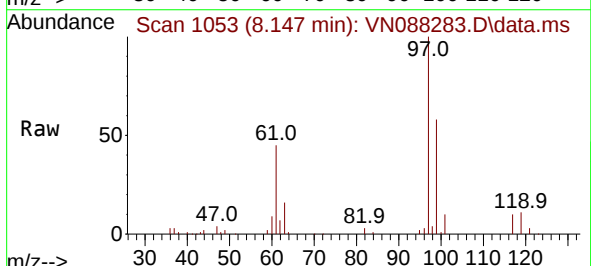
Tgt Ion: 77 Resp: 12566
Ion Ratio Lower Upper
77 100
97 21.3 16.8 25.2

Manual Integrations
APPROVED

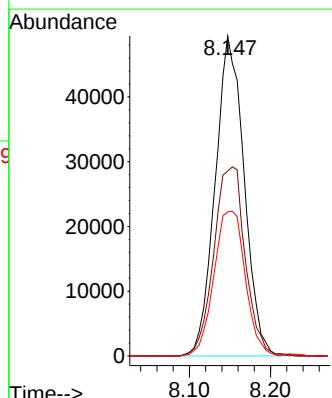
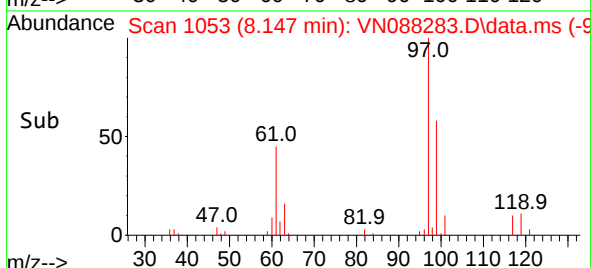
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

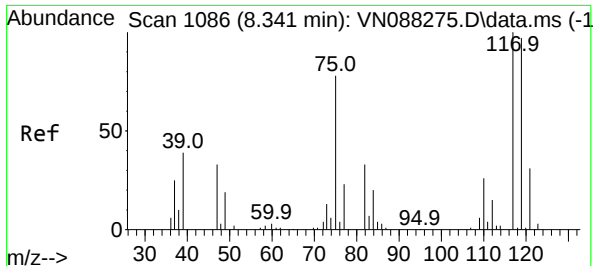


#32
1,1,1-Trichloroethane
Concen: 18.975 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41



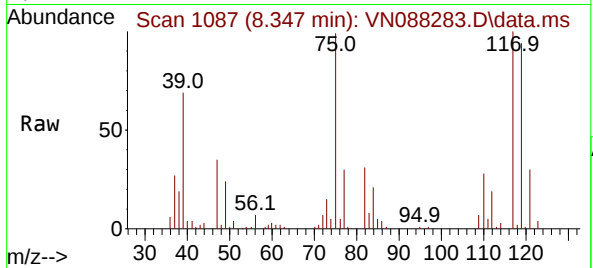
Tgt Ion: 97 Resp: 122376
Ion Ratio Lower Upper
97 100
99 64.2 50.2 75.4
61 49.0 39.8 59.8





#33
Carbon Tetrachloride
Concen: 18.900 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

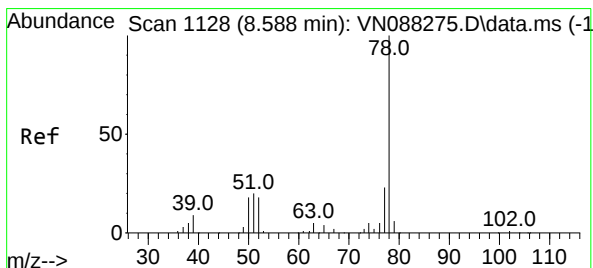
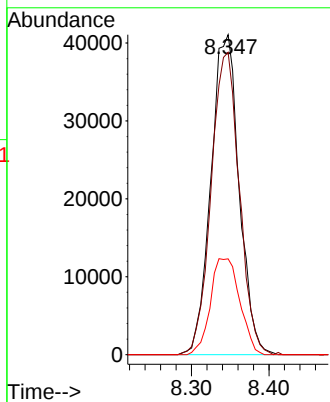
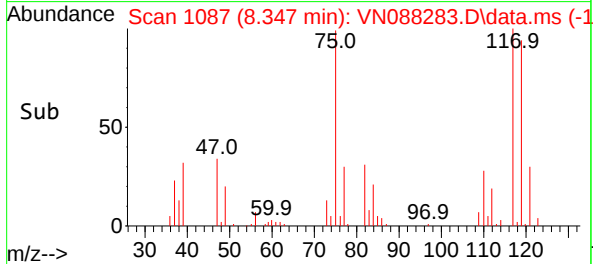
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 117 Resp: 10409
Ion Ratio Lower Upper
117 100
119 94.5 77.8 116.8
121 29.9 24.5 36.7

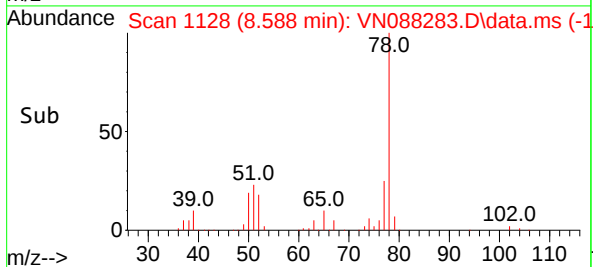
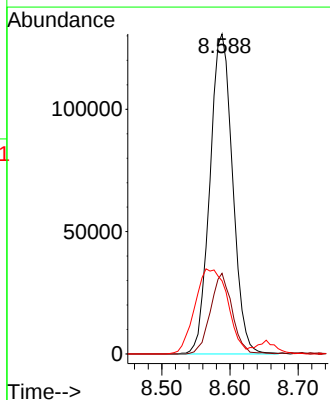
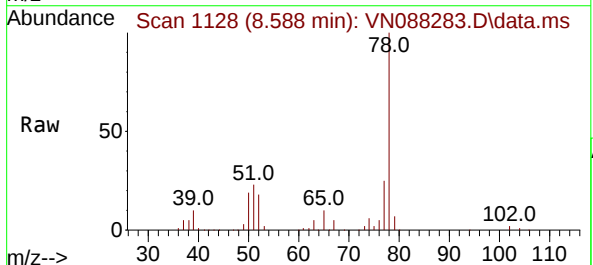
Manual Integrations
APPROVED

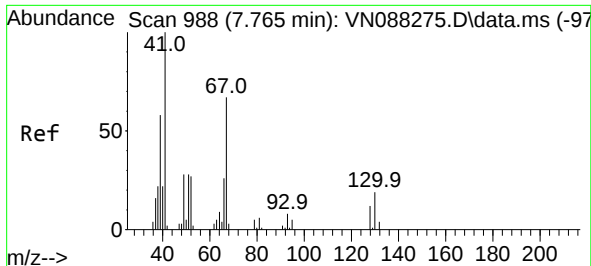
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#34
Benzene
Concen: 19.370 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

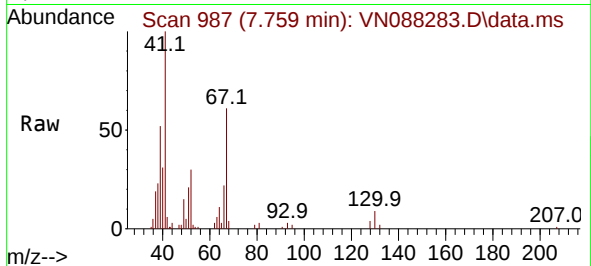
Tgt Ion: 78 Resp: 302912
Ion Ratio Lower Upper
78 100
77 25.2 18.6 27.8
51 22.0 15.8 23.8





#35
Methacrylonitrile
Concen: 18.969 ug/l
RT: 7.759 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

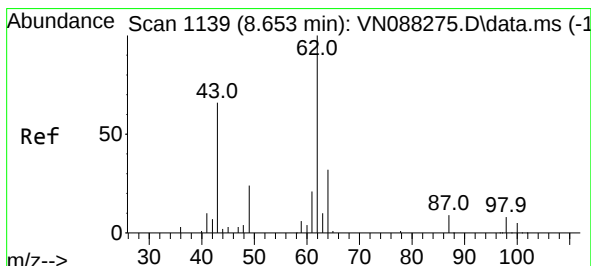
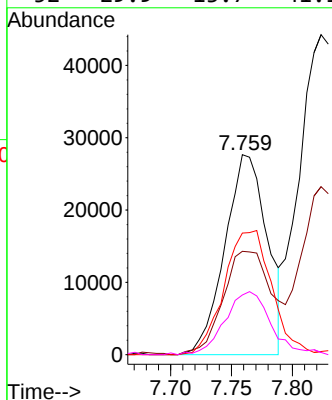
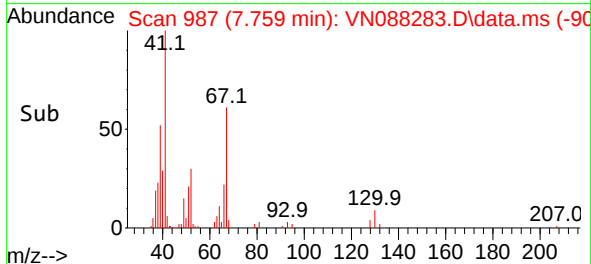
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 41 Resp: 66962
Ion Ratio Lower Upper
41 100
39 51.7 29.0 87.0
67 60.8 33.3 99.9
52 29.9 13.7 41.1

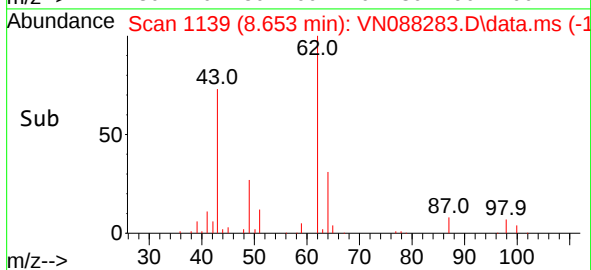
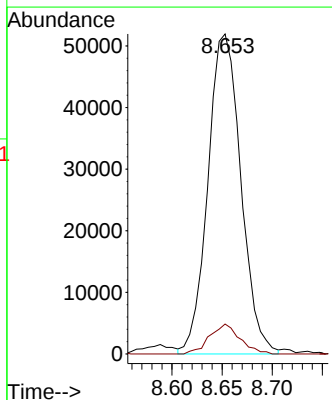
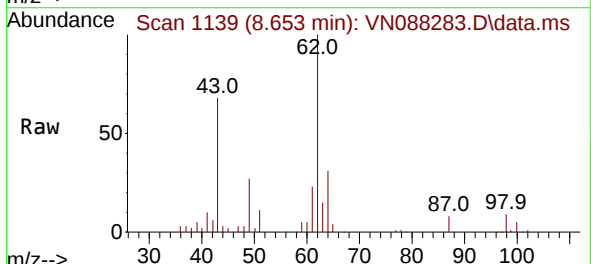
Manual Integrations
APPROVED

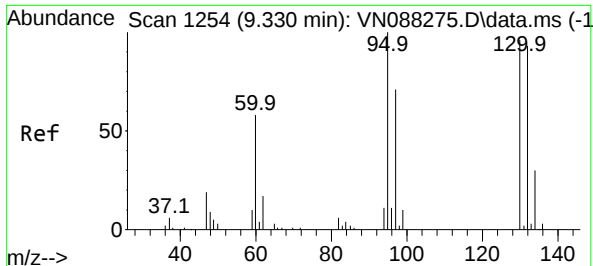
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#36
1,2-Dichloroethane
Concen: 19.527 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Tgt Ion: 62 Resp: 118846
Ion Ratio Lower Upper
62 100
98 8.6 6.8 10.2





#37

Trichloroethene

Concen: 19.344 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.006 min

Lab File: VN088283.D

Acq: 14 Nov 2025 09:41

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion:130 Resp: 6855

Ion Ratio Lower Upper

130 100

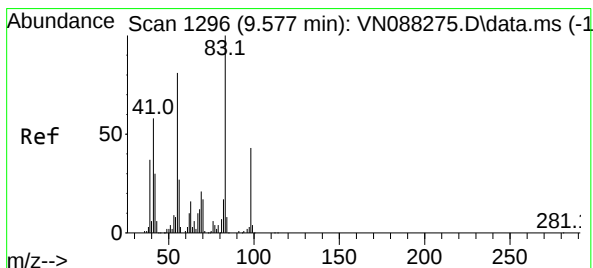
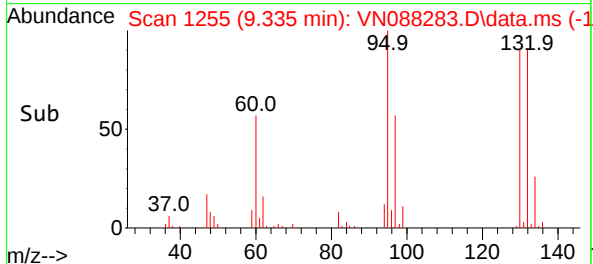
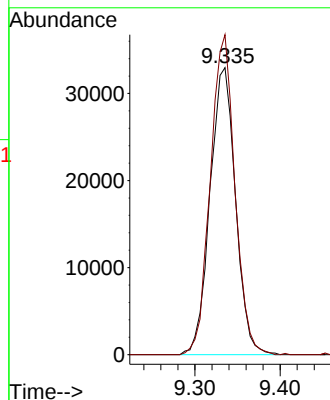
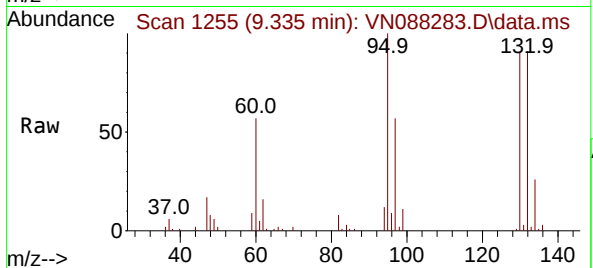
95 111.5 83.7 125.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2025

Supervised By :Mahesh Dadoda 11/17/2025



#38

Methylcyclohexane

Concen: 17.644 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN088283.D

Acq: 14 Nov 2025 09:41

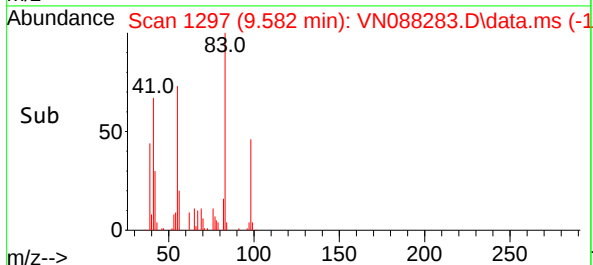
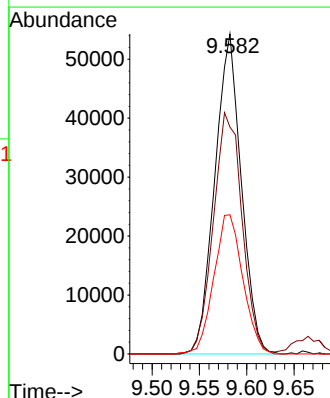
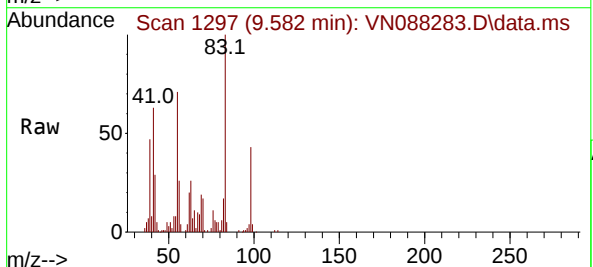
Tgt Ion: 83 Resp: 105827

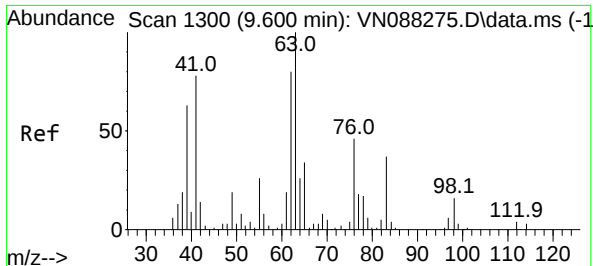
Ion Ratio Lower Upper

83 100

55 81.8 40.8 122.5

98 47.6 23.4 70.3





#39

1,2-Dichloropropane

Concen: 19.401 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088283.D

Acq: 14 Nov 2025 09:41

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

Tgt Ion: 63 Resp: 7827

Ion Ratio Lower Upper

63 100

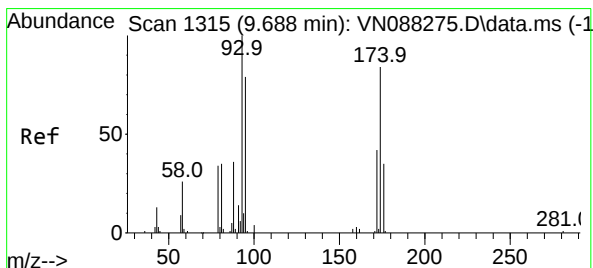
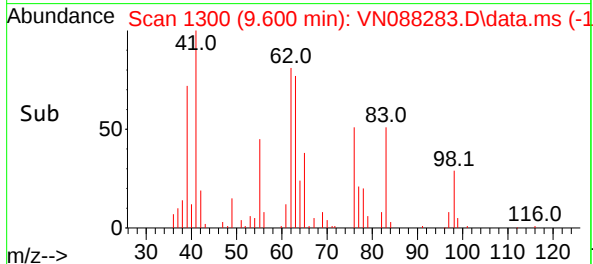
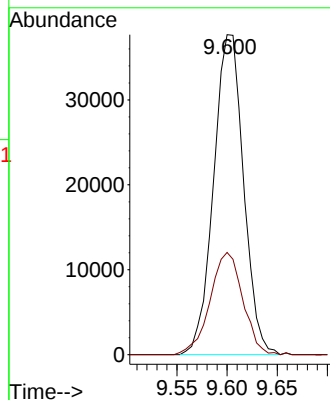
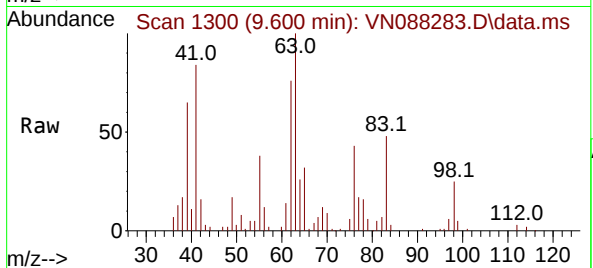
65 32.0 27.8 41.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2025

Supervised By :Mahesh Dadoda 11/17/2025



#40

Dibromomethane

Concen: 19.840 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088283.D

Acq: 14 Nov 2025 09:41

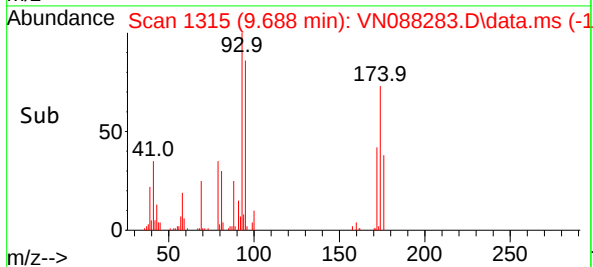
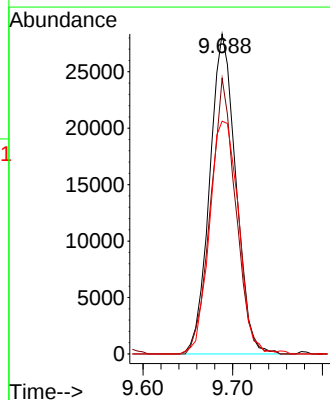
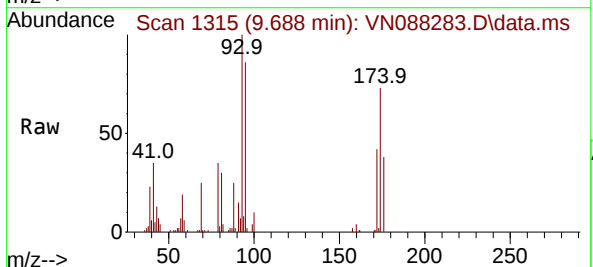
Tgt Ion: 93 Resp: 57513

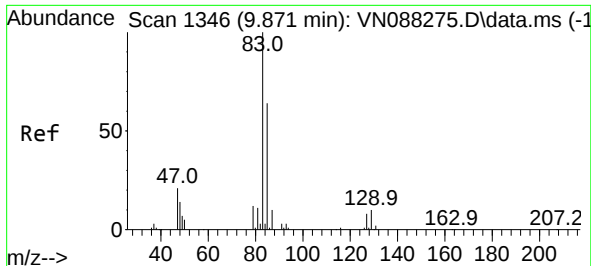
Ion Ratio Lower Upper

93 100

95 82.3 0.0 161.6

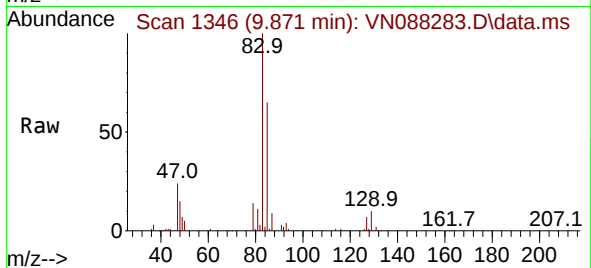
174 80.4 0.0 158.2





#41
Bromodichloromethane
Concen: 19.975 ug/l
RT: 9.871 min Scan# 11656
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

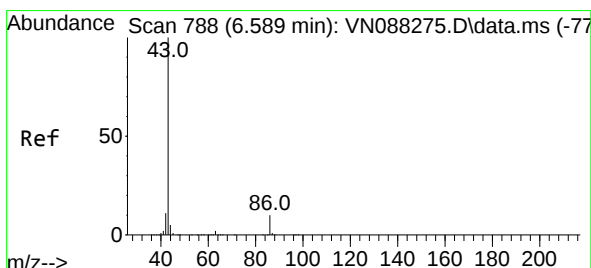
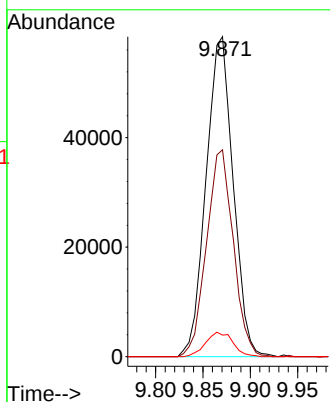
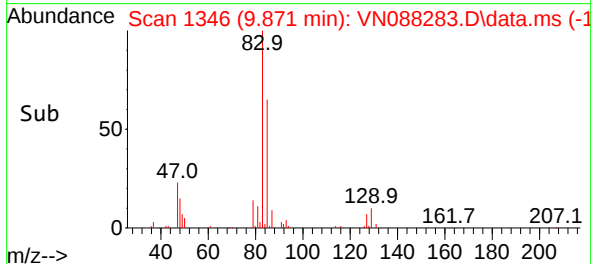
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 83 Resp: 11656
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.2
127 6.8 6.4 9.6

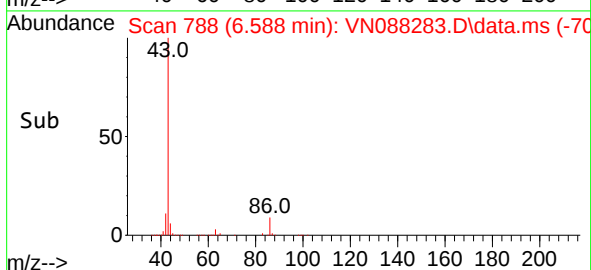
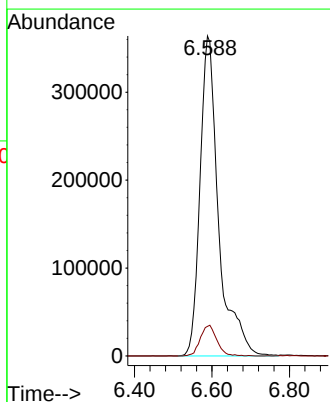
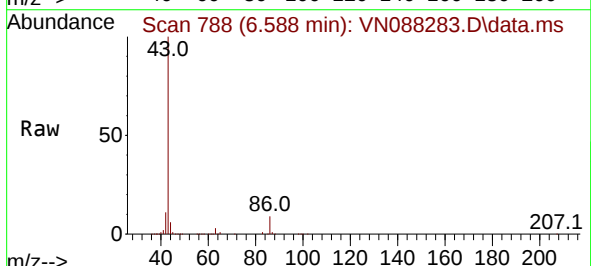
Manual Integrations
APPROVED

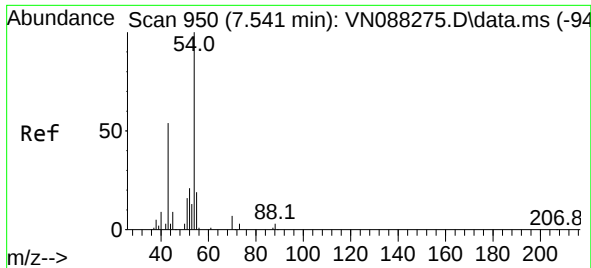
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#42
Vinyl Acetate
Concen: 107.279 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

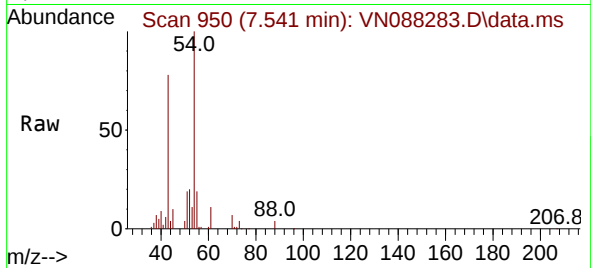
Tgt Ion: 43 Resp: 1211755
Ion Ratio Lower Upper
43 100
86 8.4 7.4 11.2





#43
Ethyl Acetate
Concen: 16.958 ug/l
RT: 7.541 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

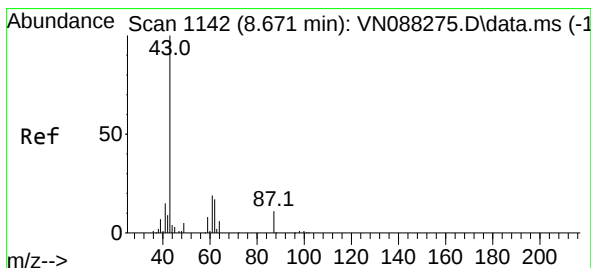
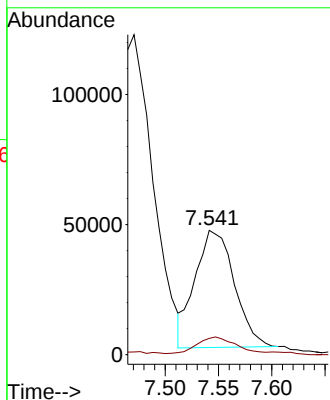
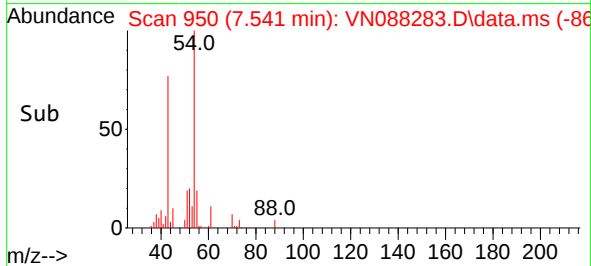
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



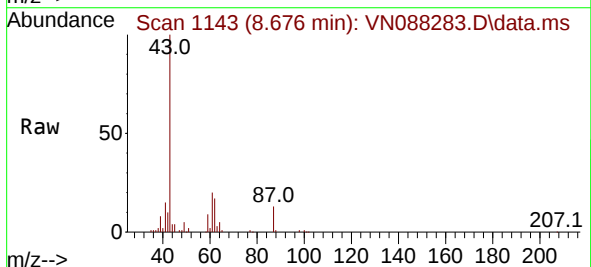
Tgt Ion: 43 Resp: 11547
Ion Ratio Lower Upper
43 100
45 13.6 9.9 14.9

Manual Integrations
APPROVED

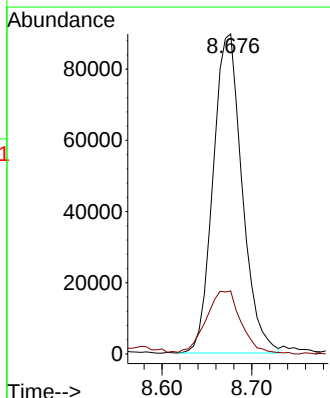
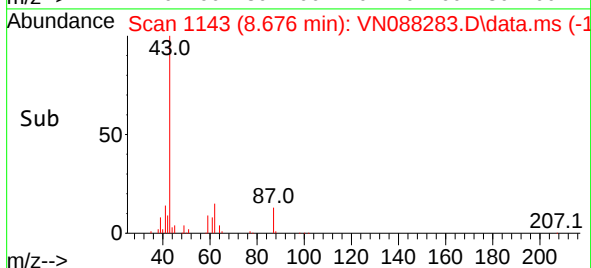
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

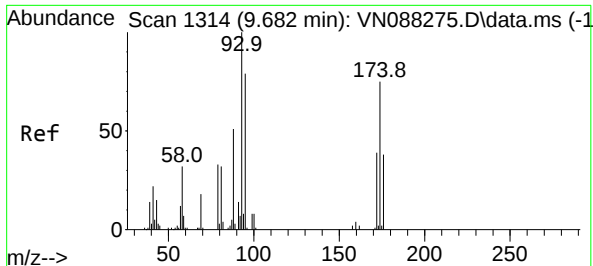


#44
Isopropyl Acetate
Concen: 19.195 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41



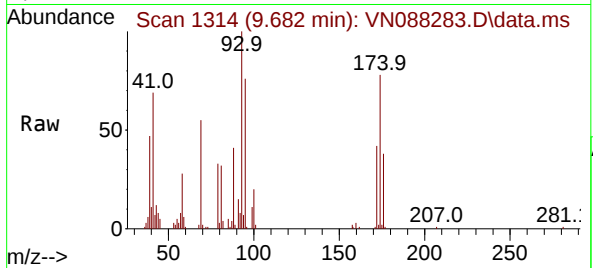
Tgt Ion: 43 Resp: 201429
Ion Ratio Lower Upper
43 100
61 23.9 19.0 28.6





#45
1,4-Dioxane
Concen: 345.448 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

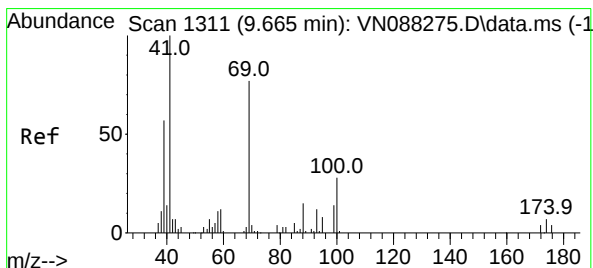
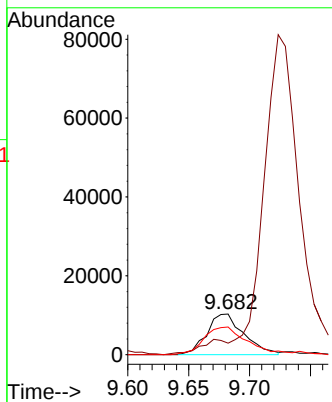
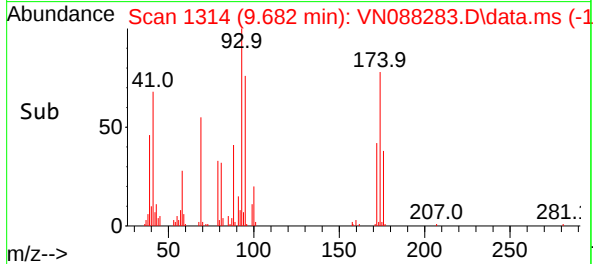
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 88 Resp: 21830
Ion Ratio Lower Upper
88 100
43 28.1 27.8 41.8
58 76.2 59.5 89.3

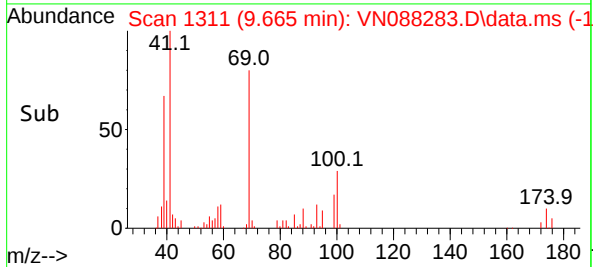
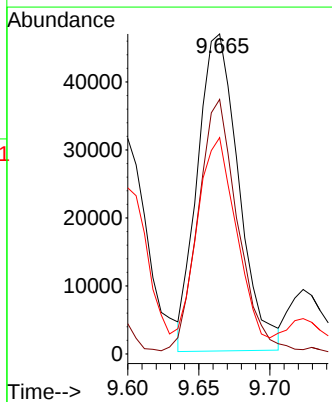
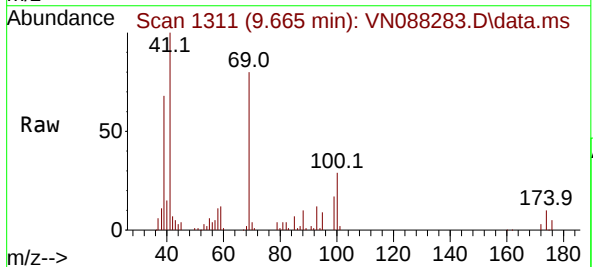
Manual Integrations
APPROVED

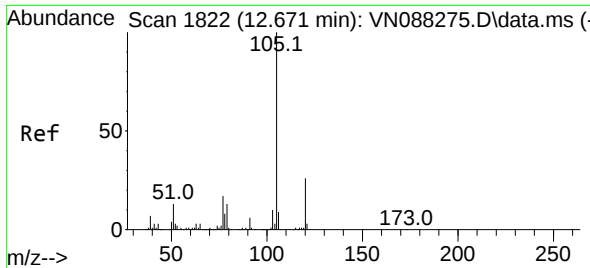
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#46
Methyl methacrylate
Concen: 19.201 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

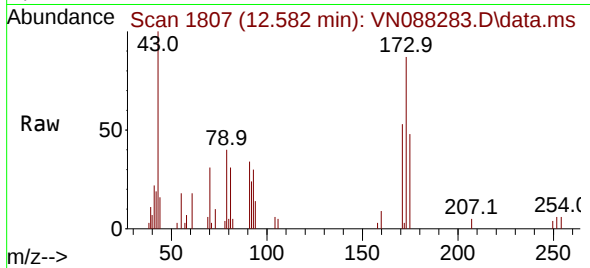
Tgt Ion: 41 Resp: 94289
Ion Ratio Lower Upper
41 100
69 83.0 38.5 115.3
39 66.5 29.0 87.1





#47
n-amy1 Acetate
Concen: 15.391 ug/l m
RT: 12.582 min Scan# 11
Delta R.T. -0.088 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

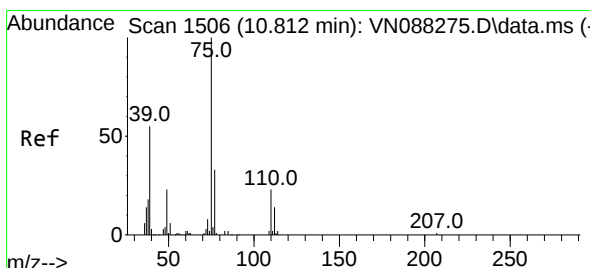
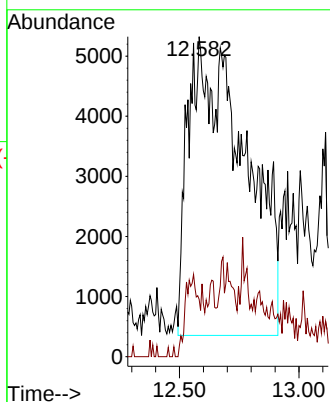
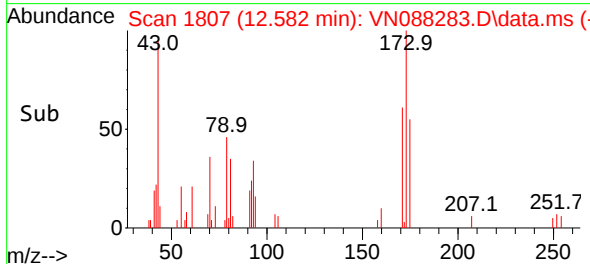
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 43 Resp: 81840
Ion Ratio Lower Upper
43 100
55 2.4 0.0 0.0

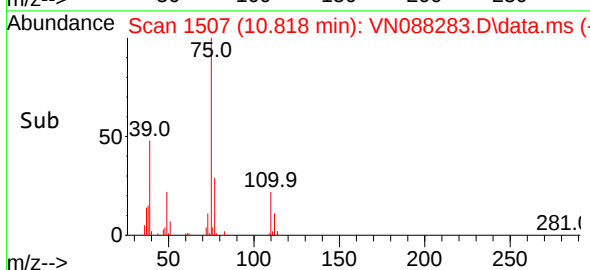
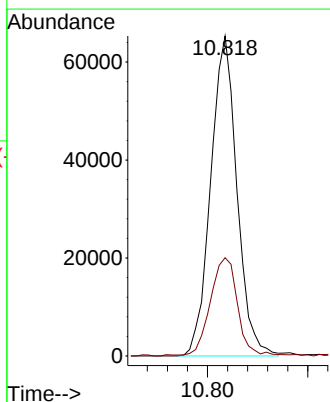
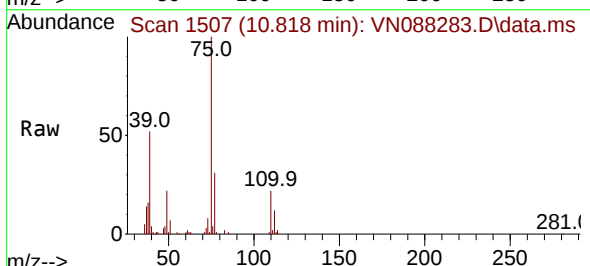
Manual Integrations
APPROVED

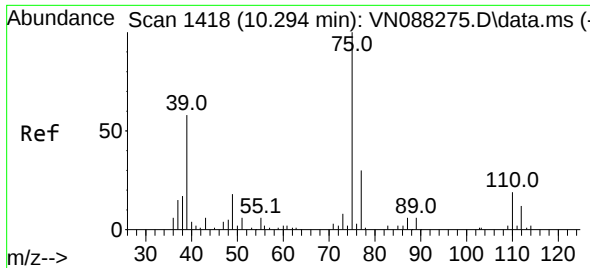
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#48
t-1,3-Dichloropropene
Concen: 19.020 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

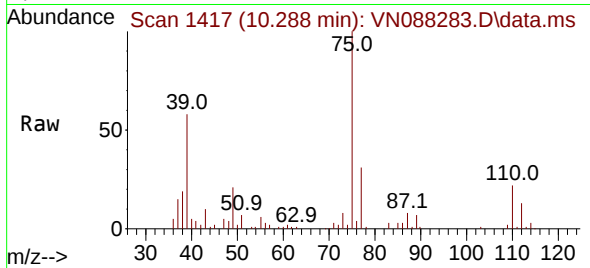
Tgt Ion: 75 Resp: 118714
Ion Ratio Lower Upper
75 100
77 30.4 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 19.687 ug/l
 RT: 10.288 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VN088283.D
 Acq: 14 Nov 2025 09:41

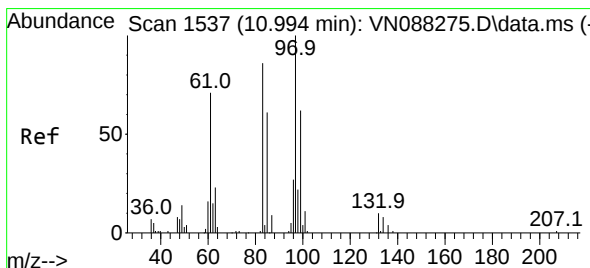
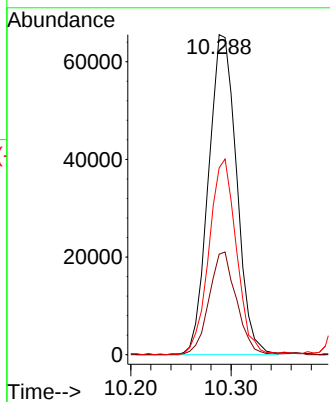
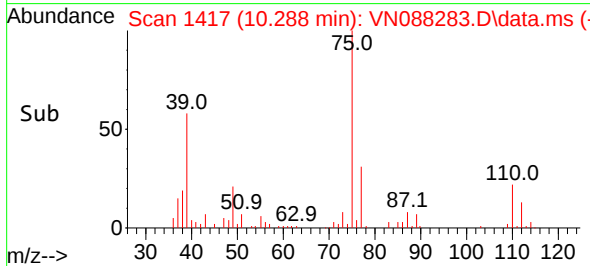
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01



Tgt Ion: 75 Resp: 12785
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.4 36.6
 39 58.4 46.1 69.1

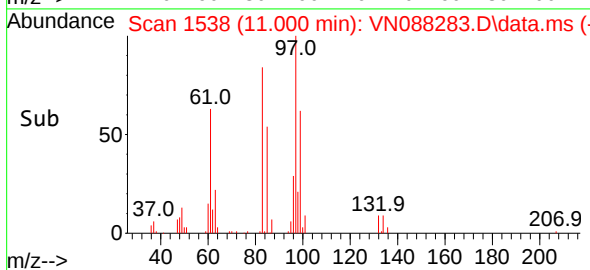
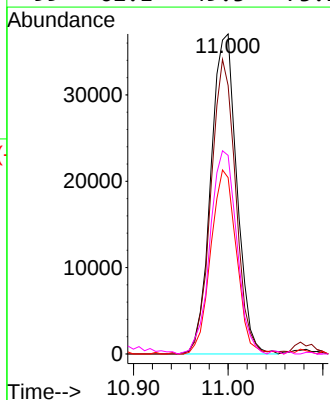
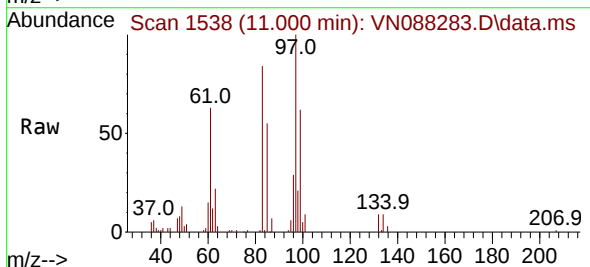
Manual Integrations
 APPROVED

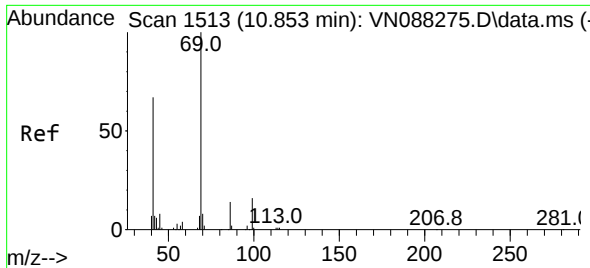
Reviewed By :John Carlone 11/17/2025
 Supervised By :Mahesh Dadoda 11/17/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.726 ug/l
 RT: 11.000 min Scan# 1538
 Delta R.T. 0.006 min
 Lab File: VN088283.D
 Acq: 14 Nov 2025 09:41

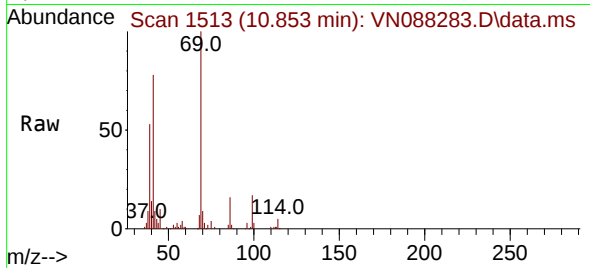
Tgt Ion: 97 Resp: 70708
 Ion Ratio Lower Upper
 97 100
 83 83.9 68.6 102.8
 85 55.1 49.0 73.6
 99 62.1 49.3 73.9





#51
Ethyl methacrylate
Concen: 18.704 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

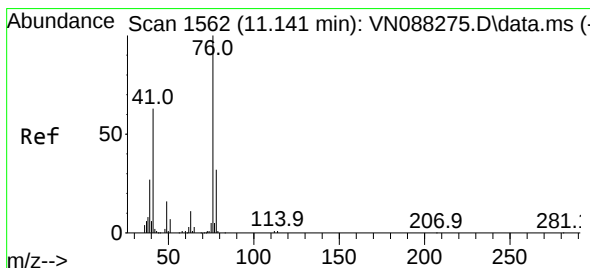
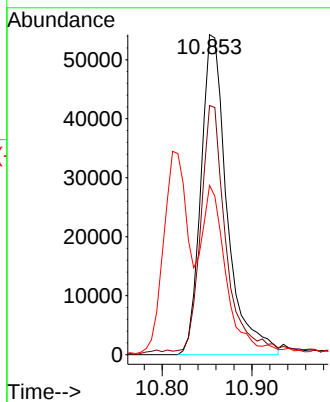
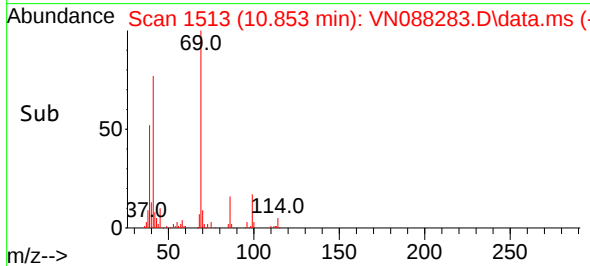
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 69 Resp: 110302
Ion Ratio Lower Upper
69 100
41 76.5 33.6 100.8
39 51.3 23.4 70.2

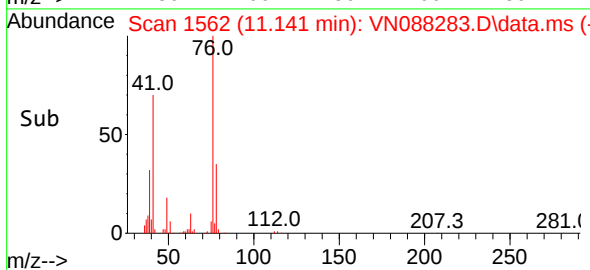
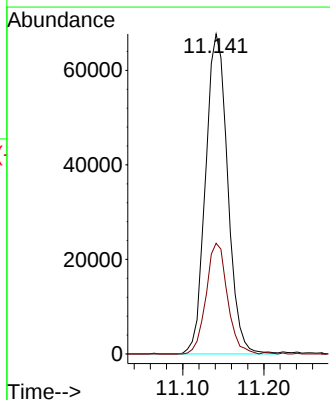
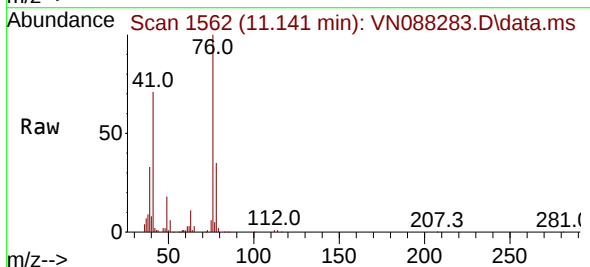
Manual Integrations
APPROVED

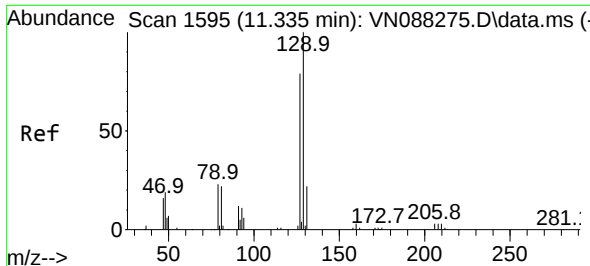
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#52
1,3-Dichloropropane
Concen: 19.637 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

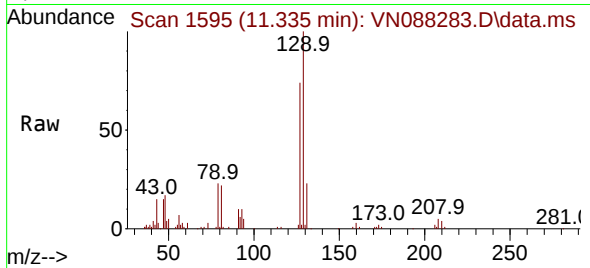
Tgt Ion: 76 Resp: 128186
Ion Ratio Lower Upper
76 100
78 33.2 0.0 64.2





#53
Dibromochloromethane
Concen: 19.383 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

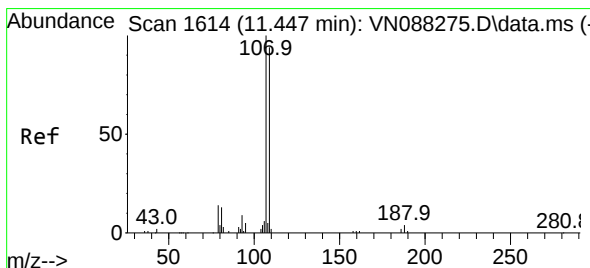
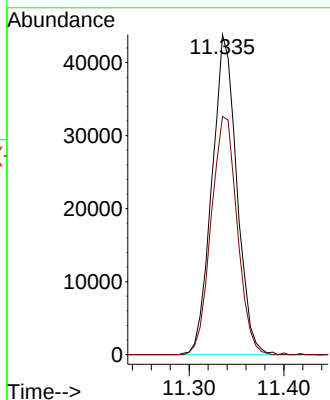
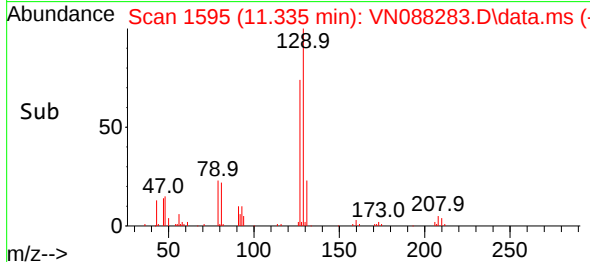
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



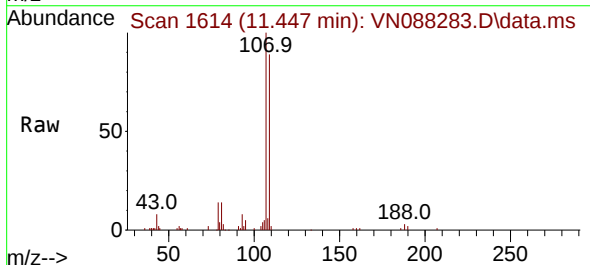
Tgt Ion:129 Resp: 79800
Ion Ratio Lower Upper
129 100
127 78.0 38.2 114.6

Manual Integrations
APPROVED

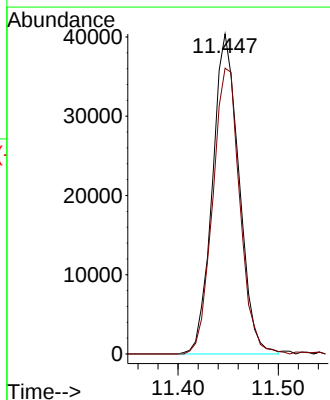
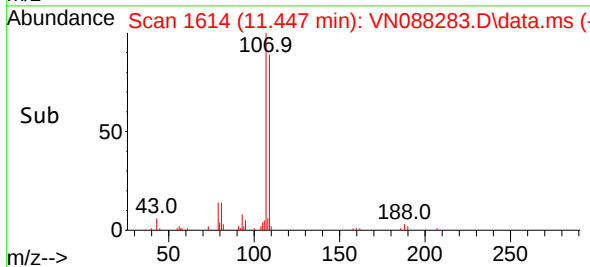
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

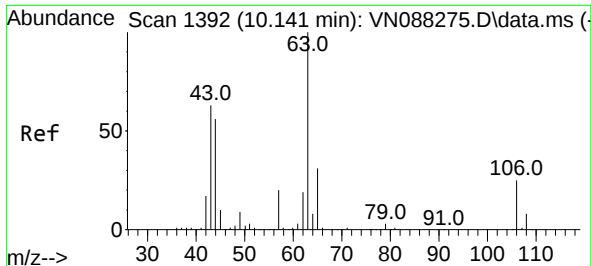


#54
1,2-Dibromoethane
Concen: 19.959 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41



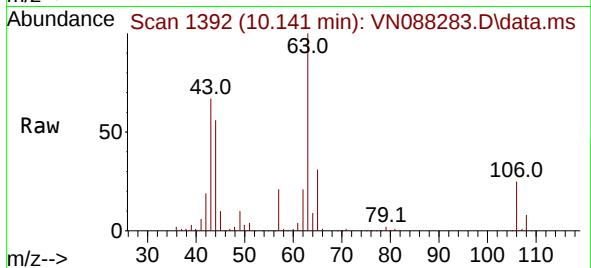
Tgt Ion:107 Resp: 74332
Ion Ratio Lower Upper
107 100
109 91.2 76.6 115.0





#55
2-Chloroethyl vinyl ether
Concen: 91.042 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

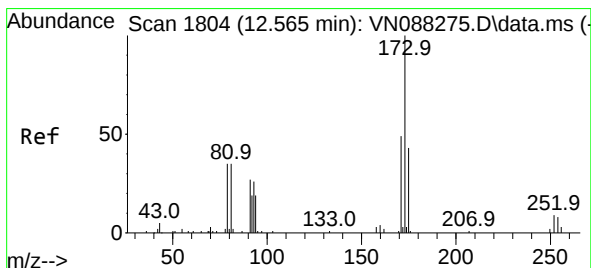
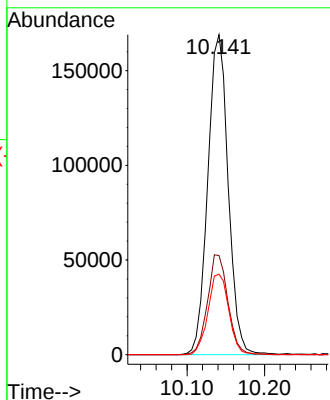
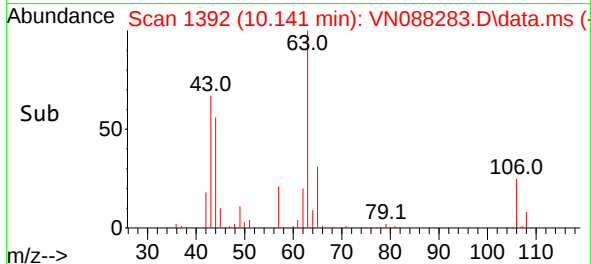
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 63 Resp: 30928
Ion Ratio Lower Upper
63 100
65 31.3 24.9 37.3
106 25.7 20.3 30.5

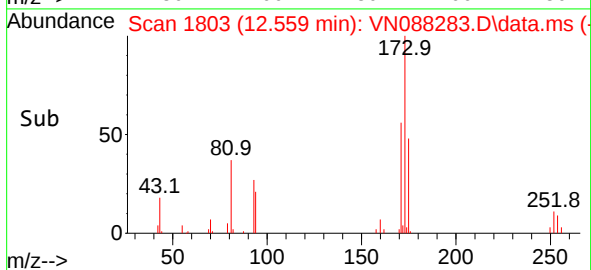
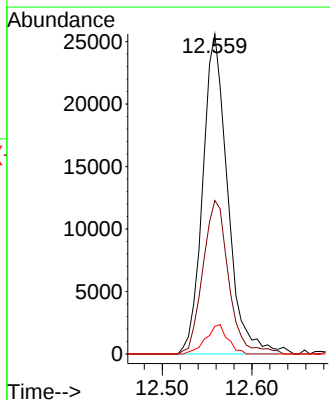
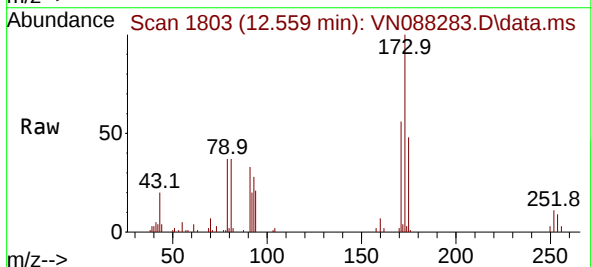
Manual Integrations
APPROVED

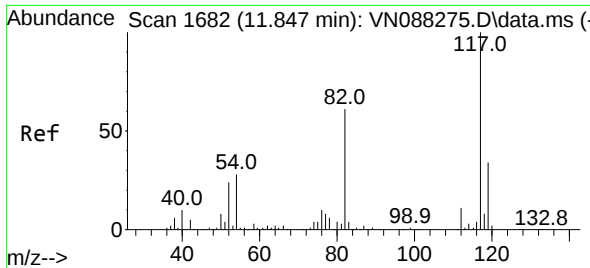
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#56
Bromoform
Concen: 18.912 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

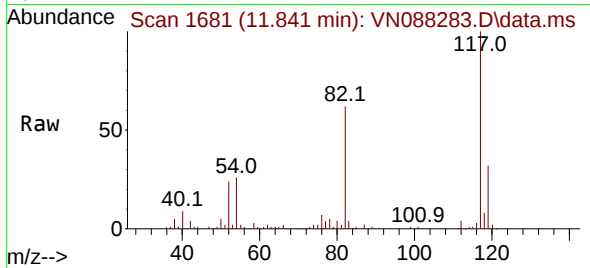
Tgt Ion:173 Resp: 49286
Ion Ratio Lower Upper
173 100
175 49.7 37.7 56.5
254 8.0 5.9 8.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

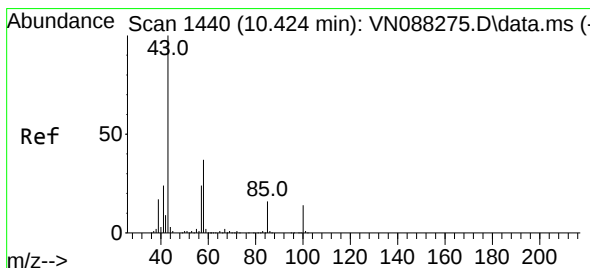
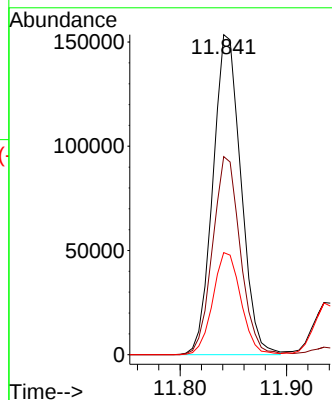
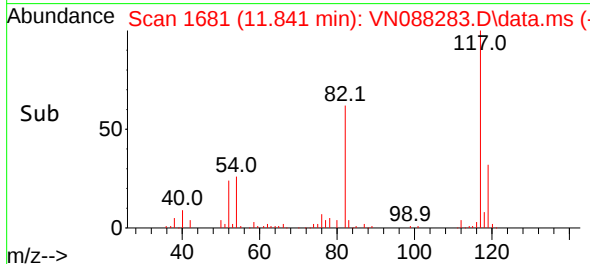
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion:117 Resp: 28037
Ion Ratio Lower Upper
117 100
82 61.3 49.3 73.9
119 32.0 26.4 39.6

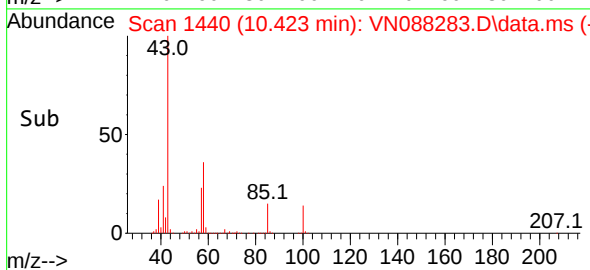
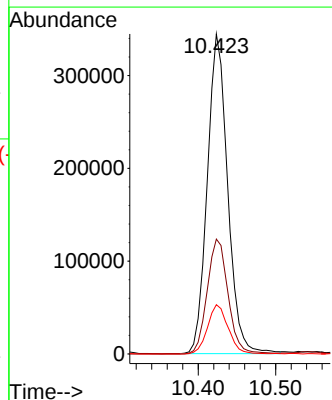
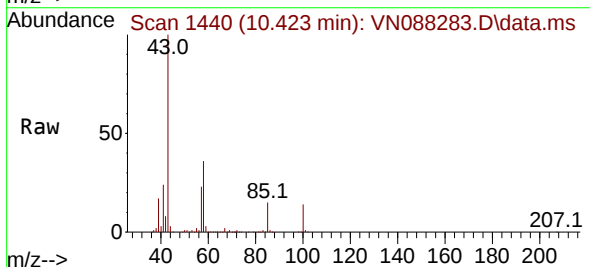
Manual Integrations
APPROVED

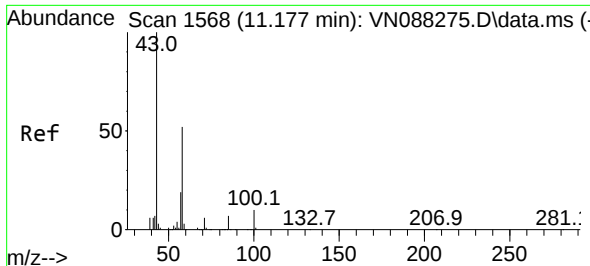
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#58
4-Methyl-2-Pentanone
Concen: 99.315 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

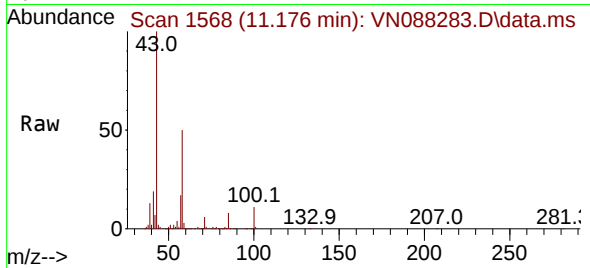
Tgt Ion: 43 Resp: 629784
Ion Ratio Lower Upper
43 100
58 36.8 29.2 43.8
85 15.6 12.6 19.0





#59
2-Hexanone
Concen: 97.719 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

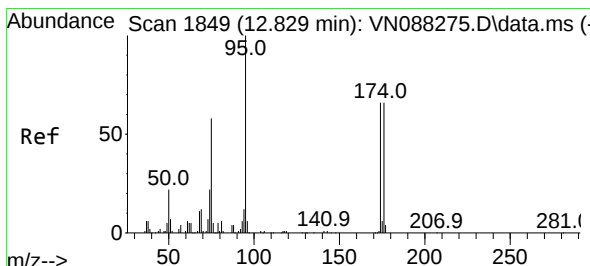
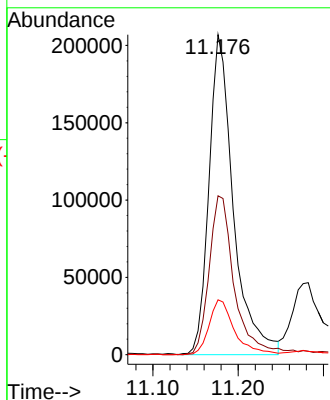
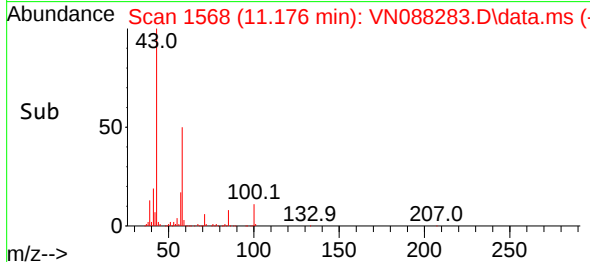
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



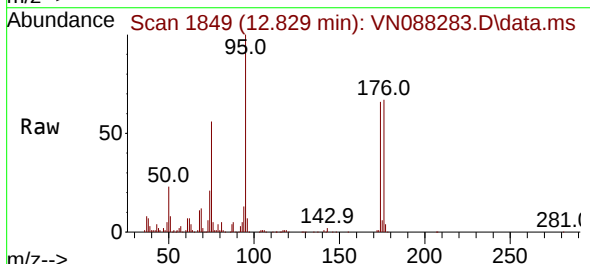
Tgt Ion: 43 Resp: 411470
Ion Ratio Lower Upper
43 100
58 50.2 41.0 61.4
57 17.8 14.4 21.6

Manual Integrations
APPROVED

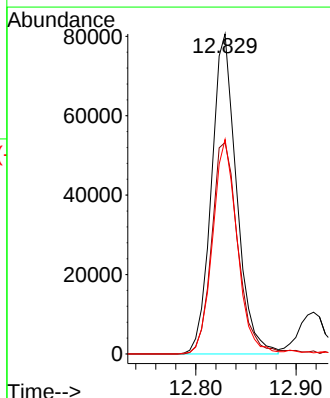
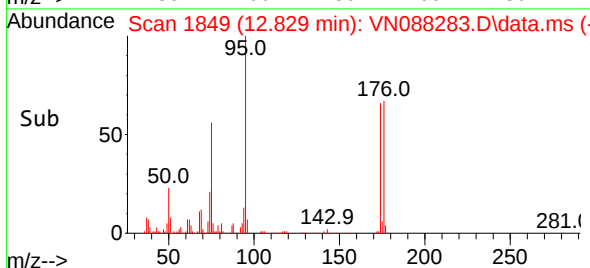
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

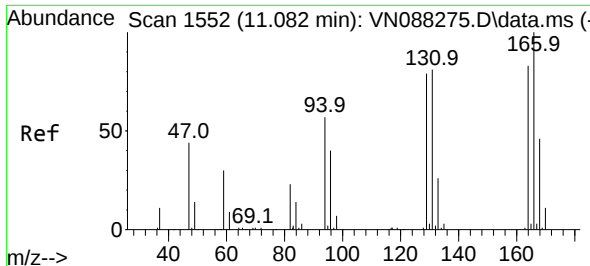


#60
4-Bromofluorobenzene
Concen: 29.581 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41



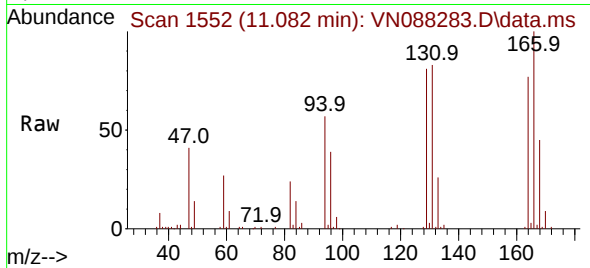
Tgt Ion: 95 Resp: 140201
Ion Ratio Lower Upper
95 100
174 68.9 54.5 81.7
176 65.6 53.8 80.6





#61
Tetrachloroethene
Concen: 18.690 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

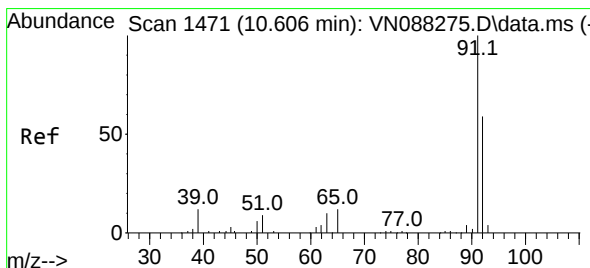
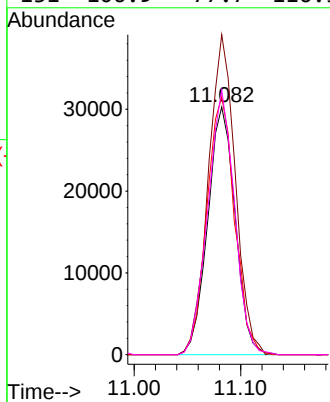
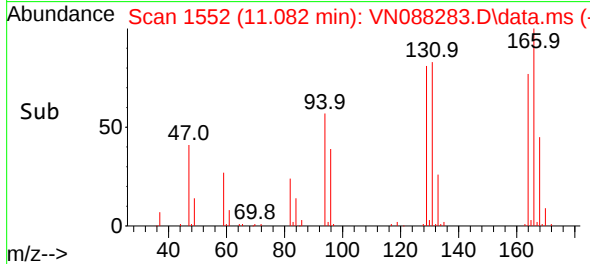
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



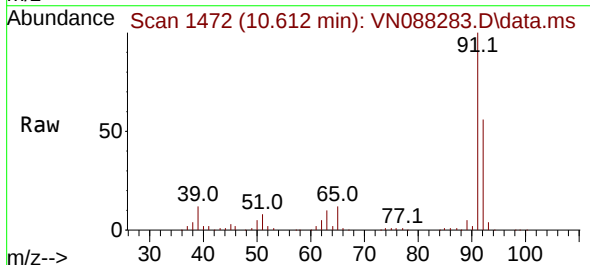
Tgt Ion:164 Resp: 54020
Ion Ratio Lower Upper
164 100
166 129.2 96.3 144.5
129 104.0 76.2 114.2
131 106.9 77.7 116.5

Manual Integrations
APPROVED

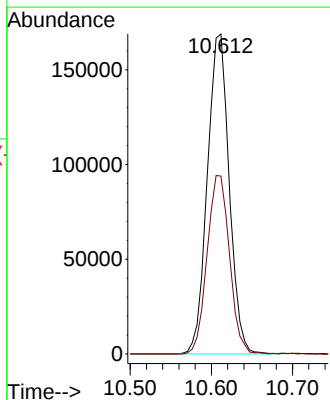
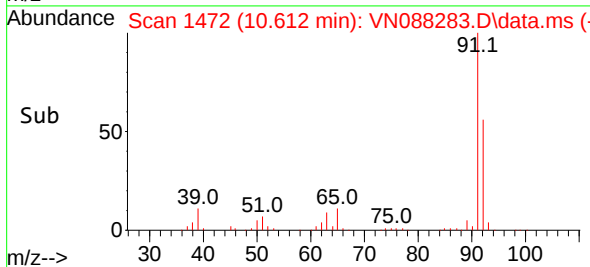
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

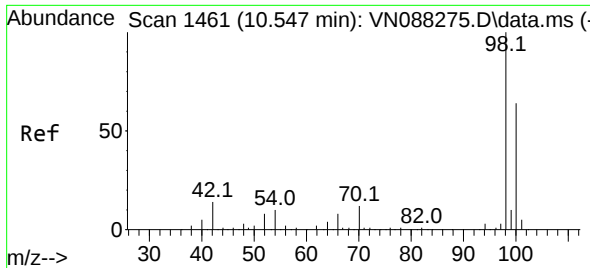


#62
Toluene
Concen: 19.655 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41



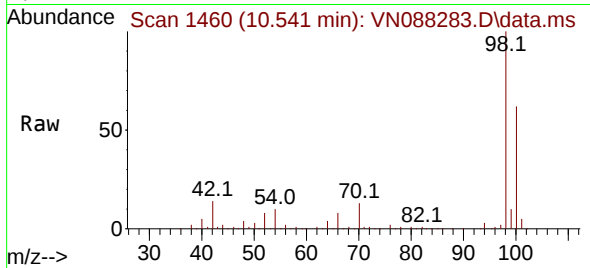
Tgt Ion: 91 Resp: 316243
Ion Ratio Lower Upper
91 100
92 56.9 46.7 70.1





#63
Toluene-d8
Concen: 30.500 ug/l
RT: 10.541 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

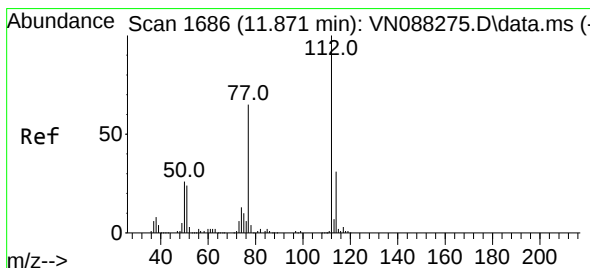
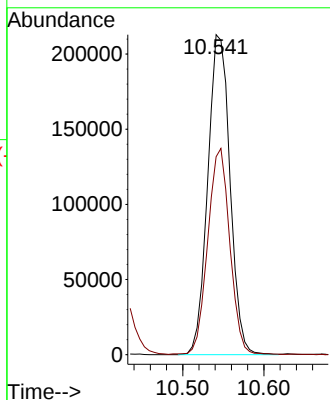
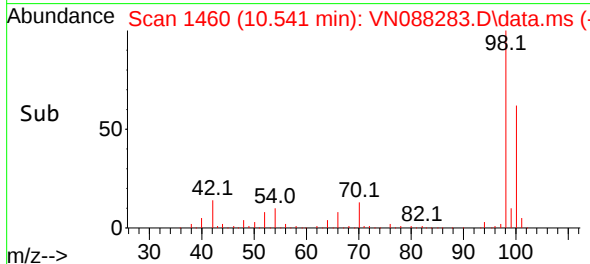
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



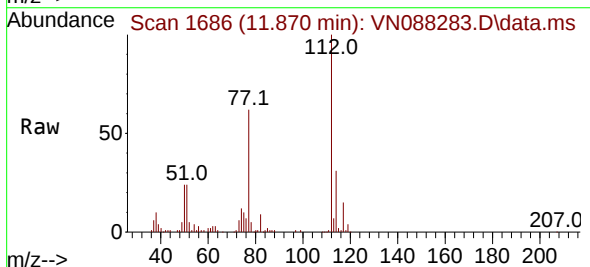
Tgt Ion: 98 Resp: 40484
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4

Manual Integrations
APPROVED

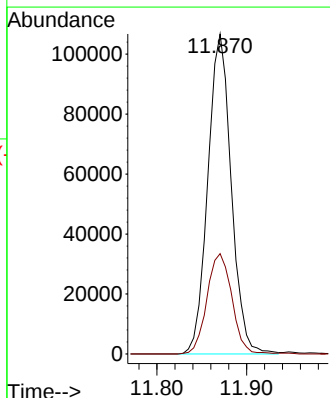
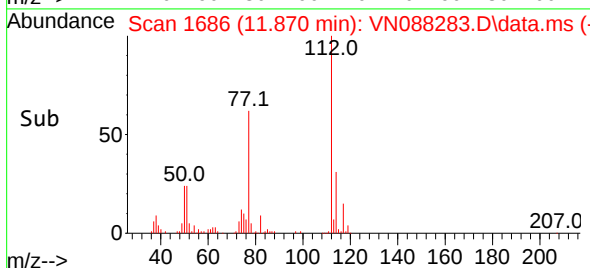
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

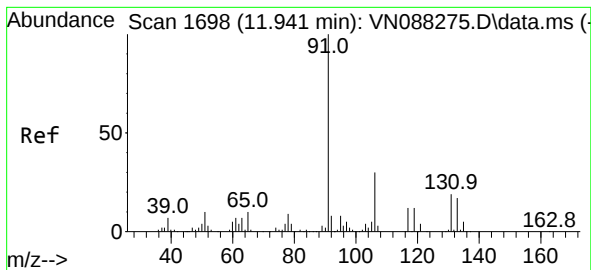


#64
Chlorobenzene
Concen: 19.404 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41



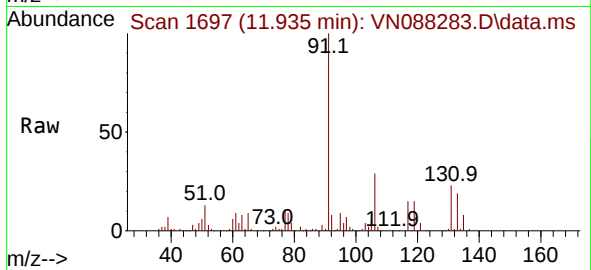
Tgt Ion:112 Resp: 193352
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4





#65
1,1,1,2-Tetrachloroethane
Concen: 20.370 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

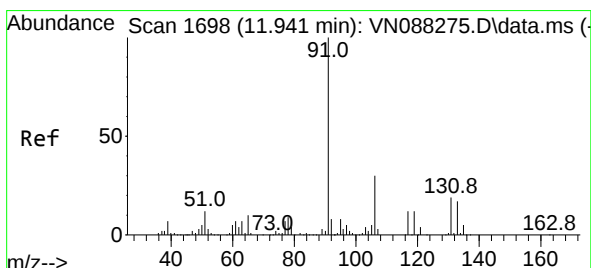
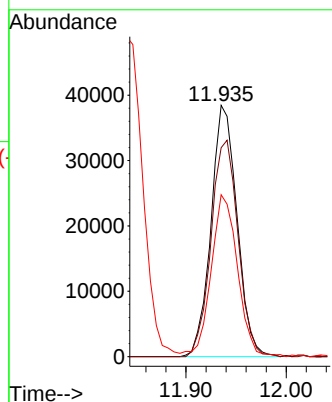
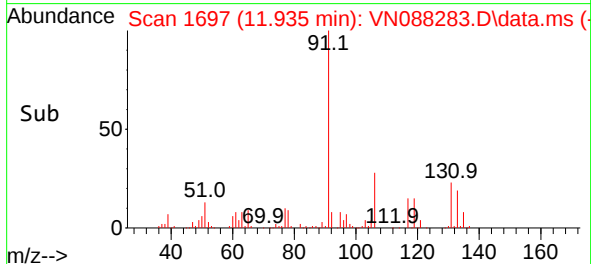
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion:131 Resp: 6947
Ion Ratio Lower Upper
131 100
133 89.5 0.0 181.4
119 65.0 0.0 135.0

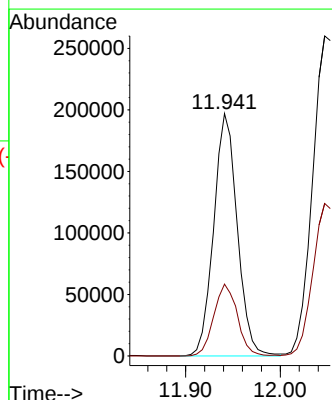
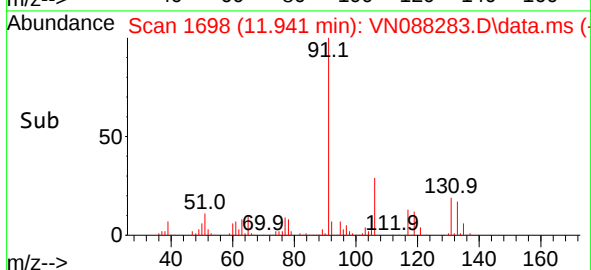
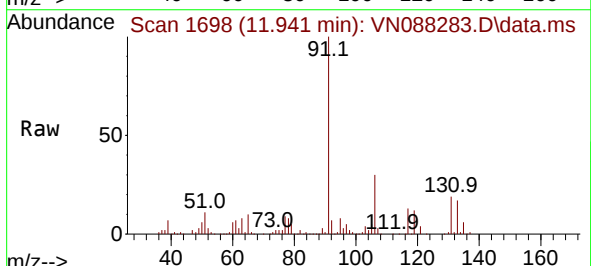
Manual Integrations
APPROVED

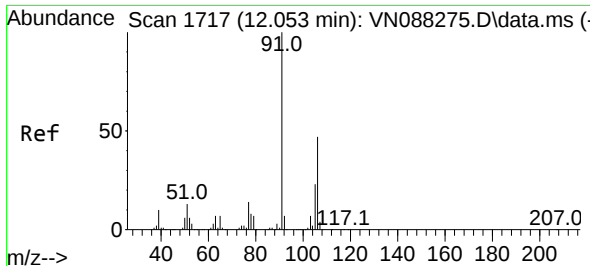
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#66
Ethyl Benzene
Concen: 19.244 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Tgt Ion: 91 Resp: 341247
Ion Ratio Lower Upper
91 100
106 29.7 24.4 36.6





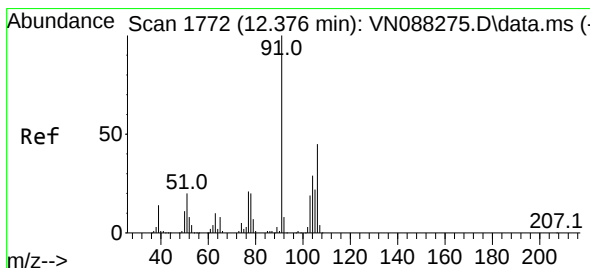
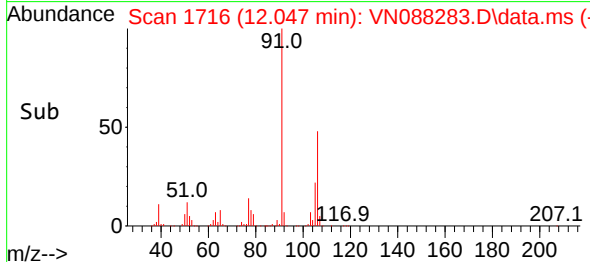
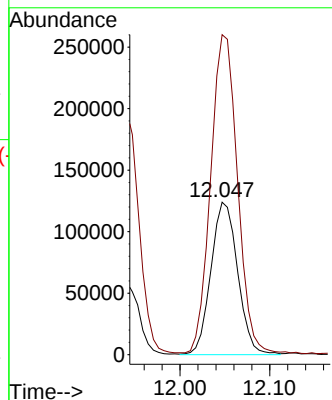
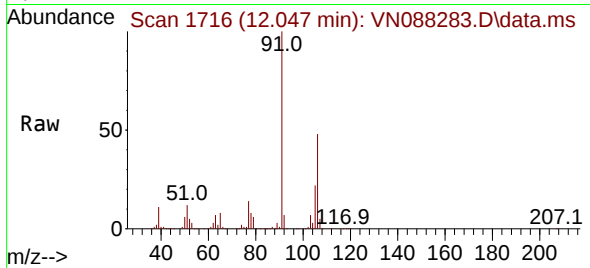
#67
m/p-Xylenes
Concen: 38.733 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:106 Resp: 256854
Ion Ratio Lower Upper
106 100
91 207.9 168.3 252.5

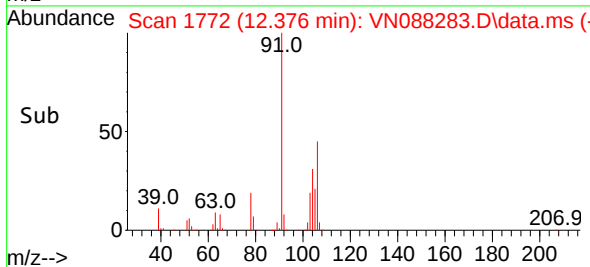
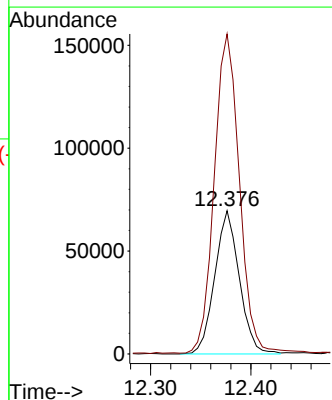
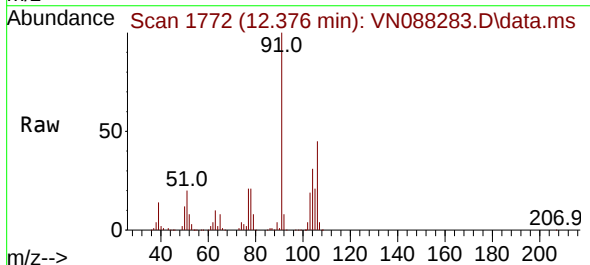
Manual Integrations
APPROVED

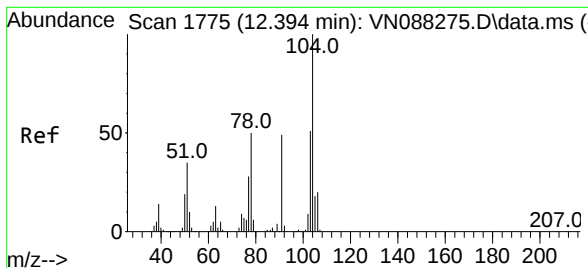
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#68
o-Xylene
Concen: 18.933 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Tgt Ion:106 Resp: 118439
Ion Ratio Lower Upper
106 100
91 229.6 114.0 342.0





#69

Styrene

Concen: 18.989 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VN088283.D

Acq: 14 Nov 2025 09:41

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS01

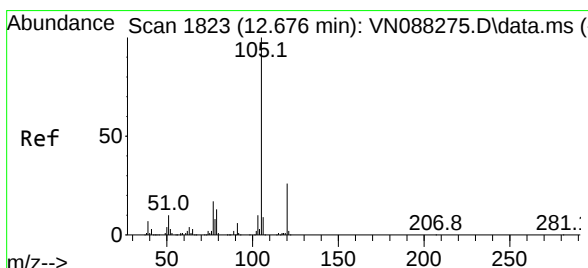
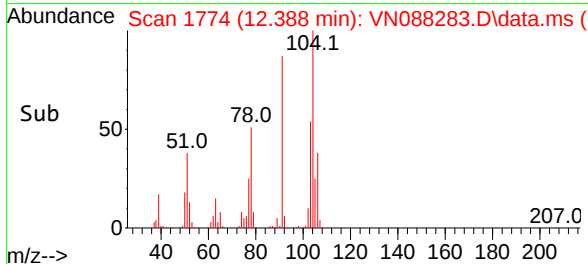
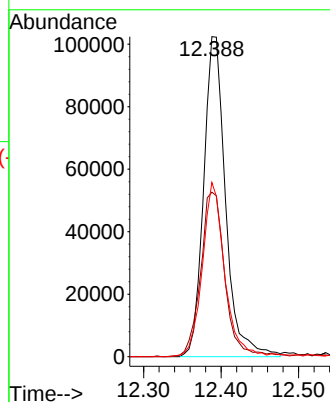
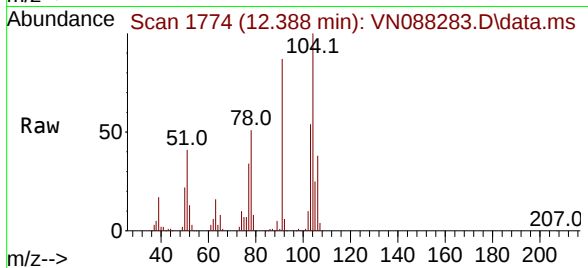
Tgt Ion:	104	Resp:	201750
Ion Ratio	Lower	Upper	
104	100		
78	55.6	43.8	65.8
103	54.9	44.8	67.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2025

Supervised By :Mahesh Dadoda 11/17/2025



#70

Isopropylbenzene

Concen: 18.865 ug/l

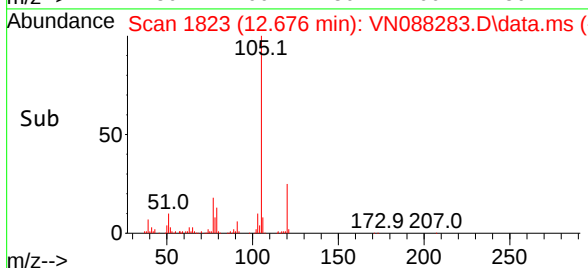
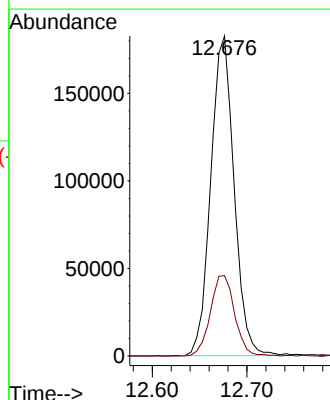
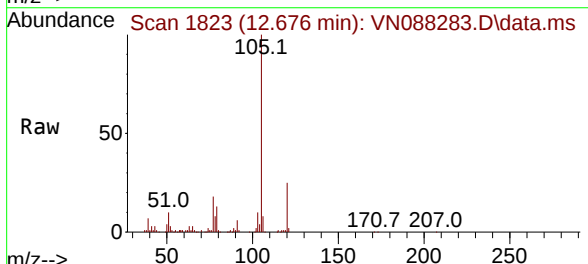
RT: 12.676 min Scan# 1823

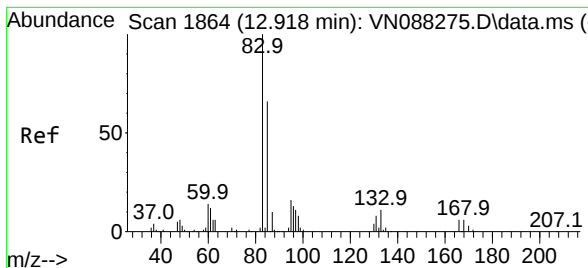
Delta R.T. -0.000 min

Lab File: VN088283.D

Acq: 14 Nov 2025 09:41

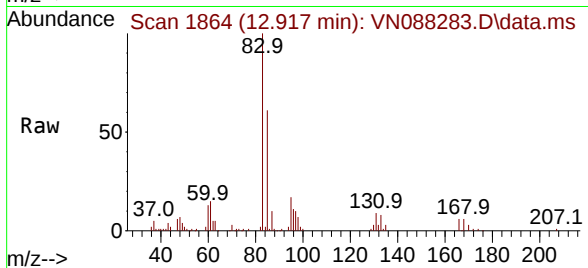
Tgt Ion:	105	Resp:	312750
Ion Ratio	Lower	Upper	
105	100		
120	26.2	18.2	33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 19.957 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

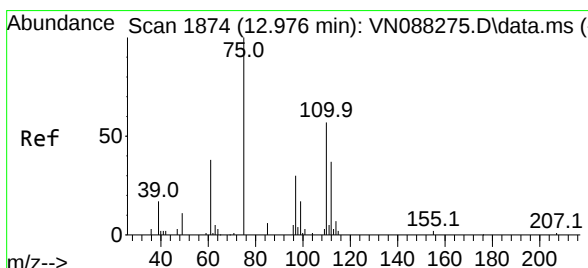
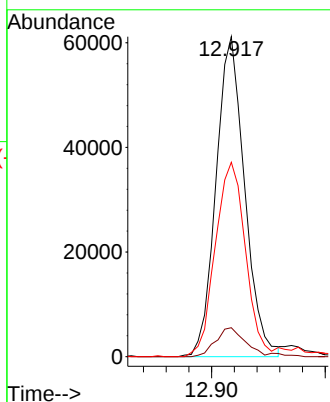
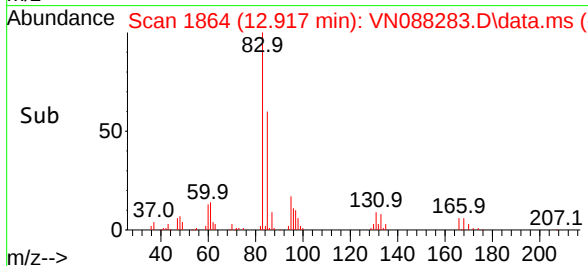
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



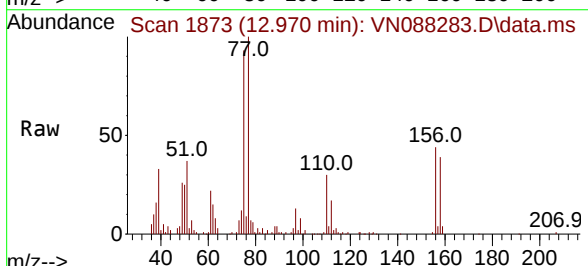
Tgt Ion: 83 Resp: 107172
Ion Ratio Lower Upper
83 100
131 9.2 4.3 12.9
85 63.7 32.4 97.2

Manual Integrations
APPROVED

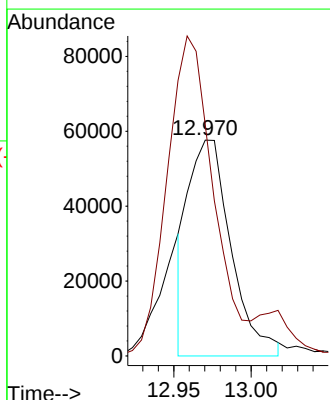
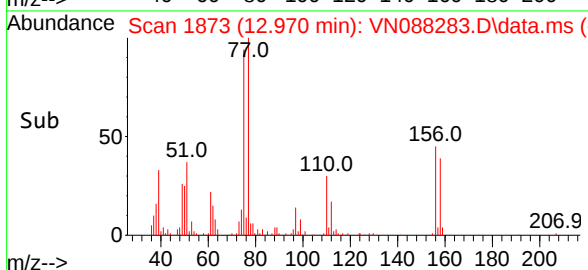
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

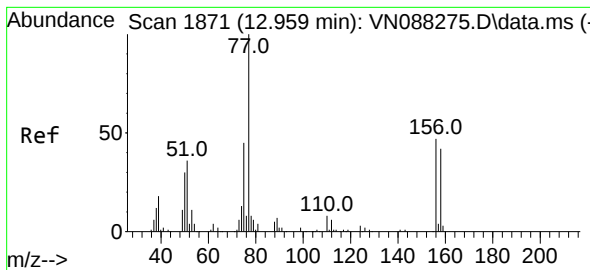


#72
1,2,3-Trichloropropane
Concen: 21.369 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41



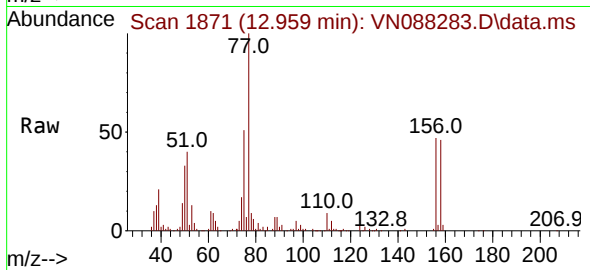
Tgt Ion: 75 Resp: 111173
Ion Ratio Lower Upper
75 100
77 161.2 0.0 386.6





#73
Bromobenzene
Concen: 20.049 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

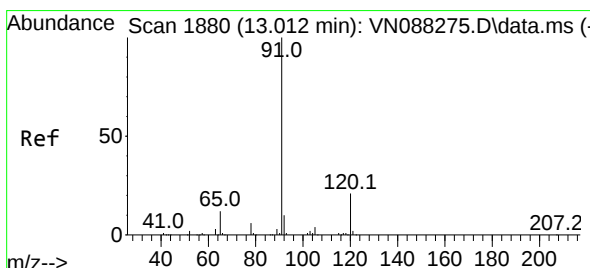
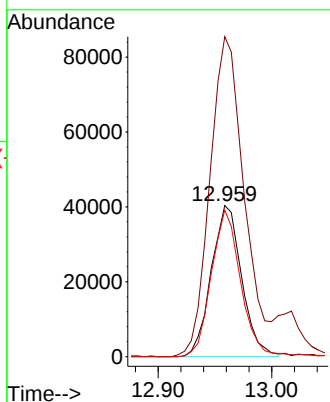
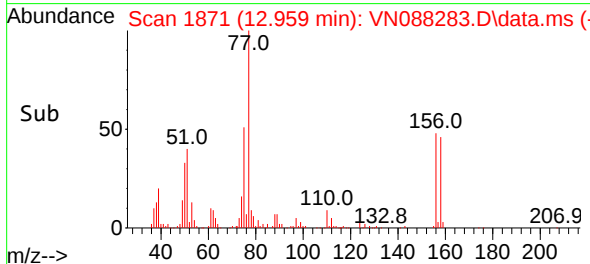
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion:156 Resp: 75039
Ion Ratio Lower Upper
156 100
77 238.8 0.0 493.4
158 93.3 0.0 193.4

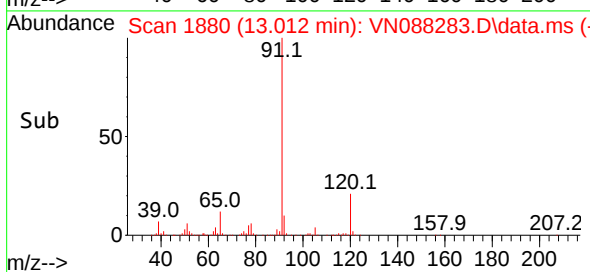
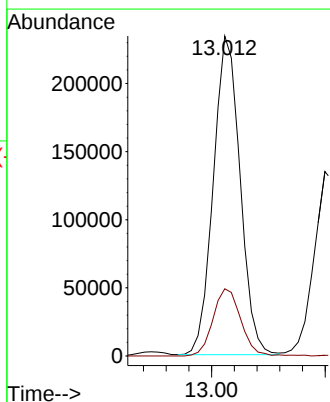
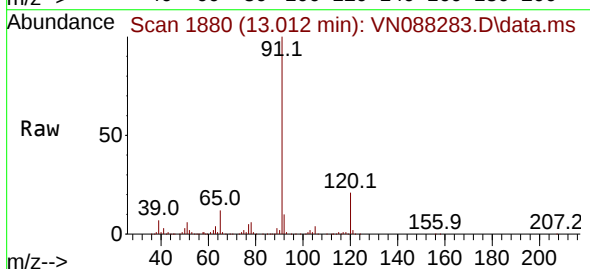
Manual Integrations
APPROVED

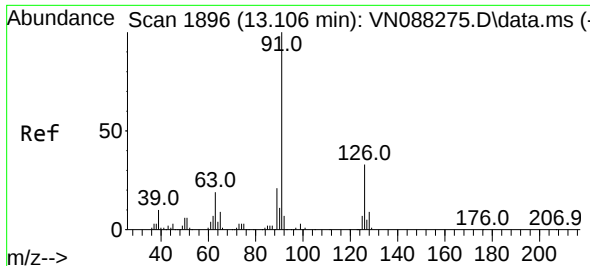
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#74
n-propylbenzene
Concen: 18.662 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

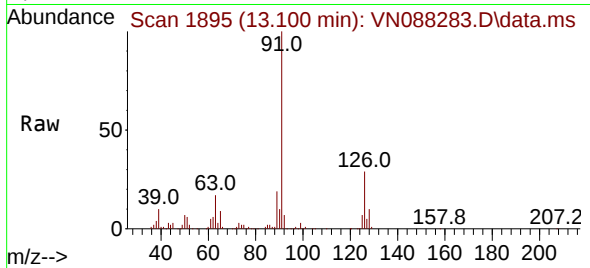
Tgt Ion: 91 Resp: 382884
Ion Ratio Lower Upper
91 100
120 21.7 0.0 43.2





#75
2-Chlorotoluene
Concen: 18.761 ug/l
RT: 13.100 min Scan# 1896
Delta R.T. -0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

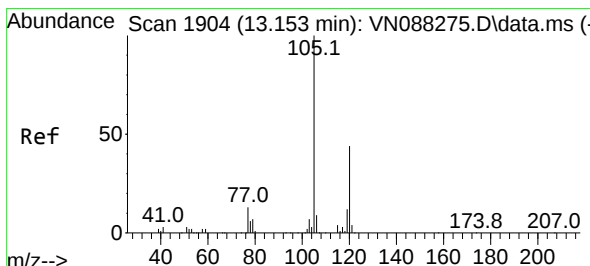
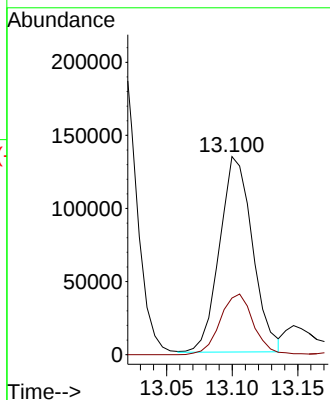
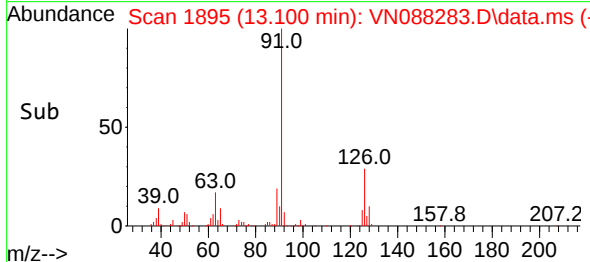
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 91 Resp: 234052
Ion Ratio Lower Upper
91 100
126 31.4 0.0 62.0

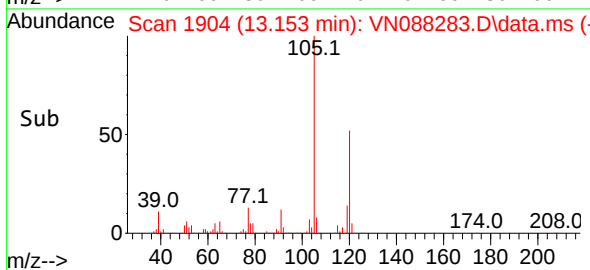
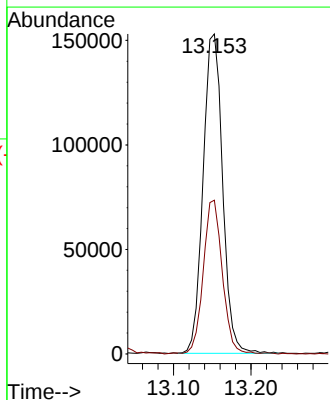
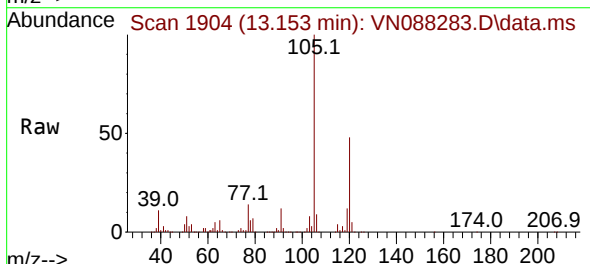
Manual Integrations
APPROVED

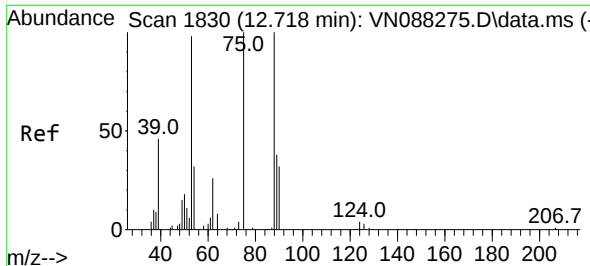
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.191 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

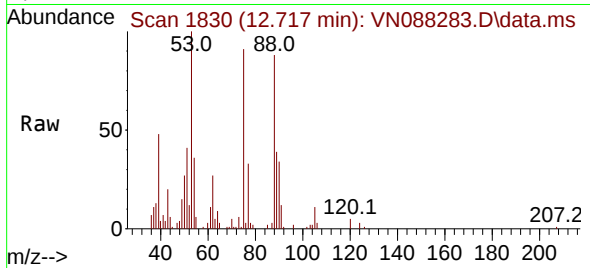
Tgt Ion:105 Resp: 267060
Ion Ratio Lower Upper
105 100
120 47.0 0.0 94.6





#77
t-1,4-Dichloro-2-butene
Concen: 18.647 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

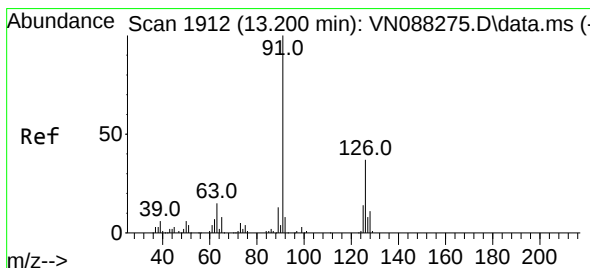
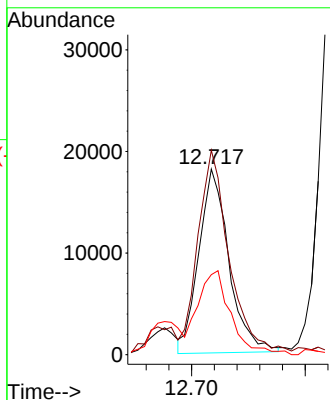
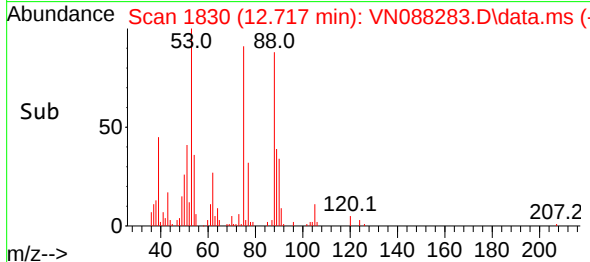
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 75 Resp: 3331
Ion Ratio Lower Upper
75 100
53 109.6 50.0 150.0
89 42.9 22.3 66.9

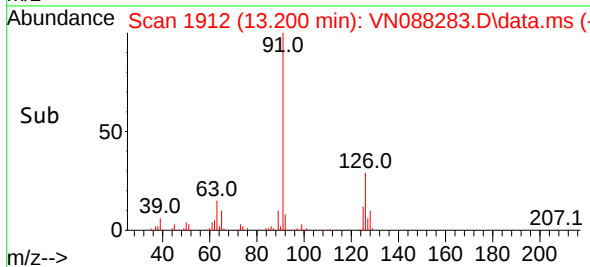
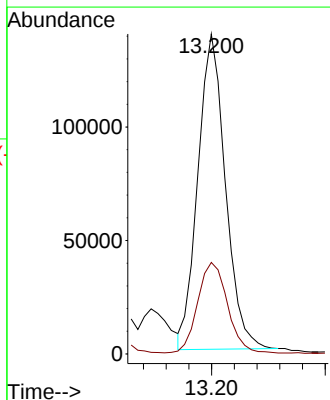
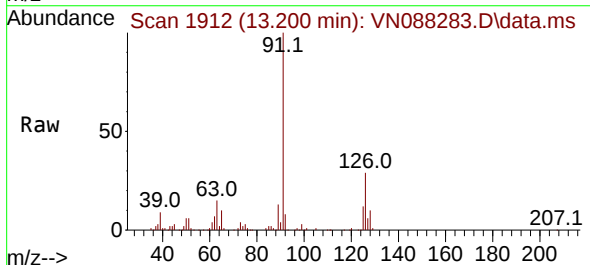
Manual Integrations
APPROVED

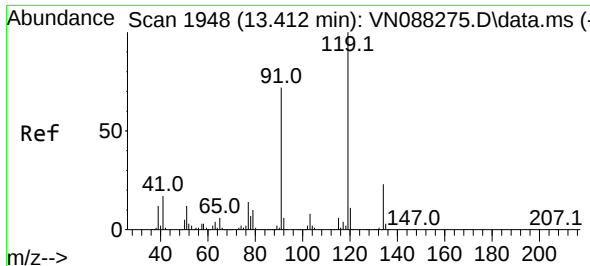
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#78
4-Chlorotoluene
Concen: 18.482 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

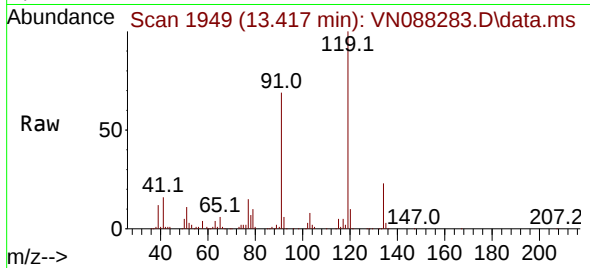
Tgt Ion: 91 Resp: 233650
Ion Ratio Lower Upper
91 100
126 32.2 0.0 60.8





#79
tert-butylbenzene
Concen: 18.743 ug/l
RT: 13.417 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

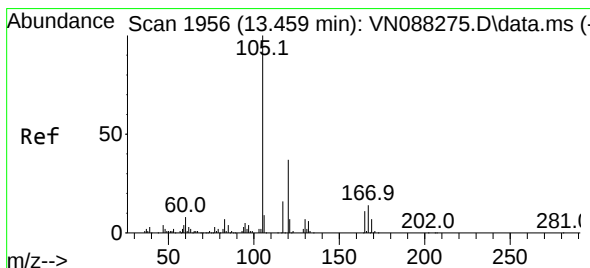
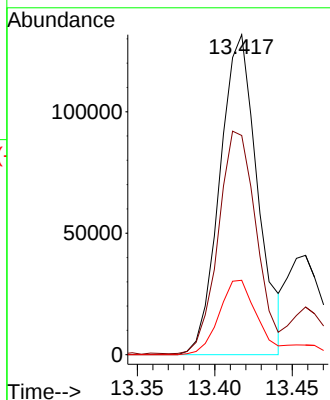
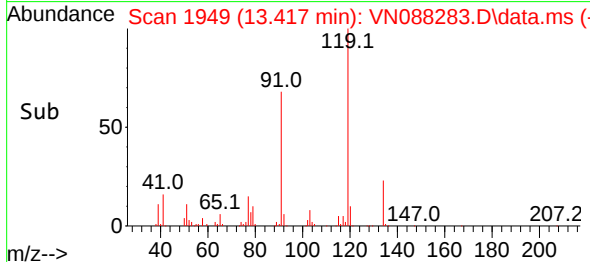
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion:119 Resp: 223315
Ion Ratio Lower Upper
119 100
91 69.9 0.0 140.8
134 23.0 0.0 48.4

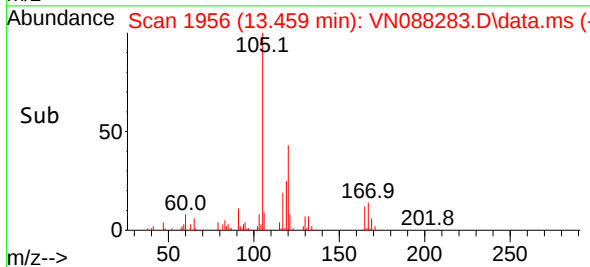
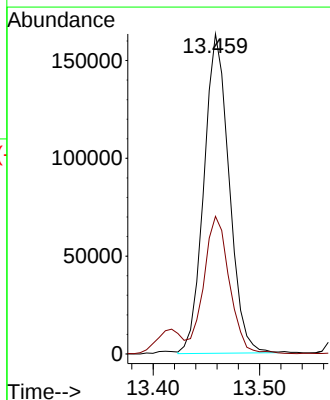
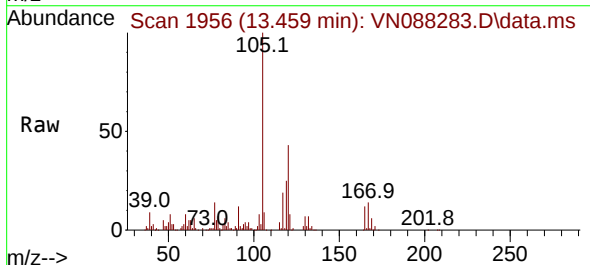
Manual Integrations
APPROVED

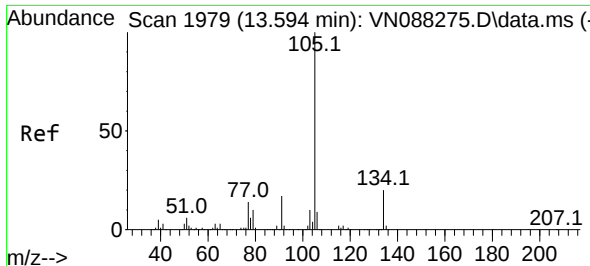
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#80
1,2,4-Trimethylbenzene
Concen: 19.392 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

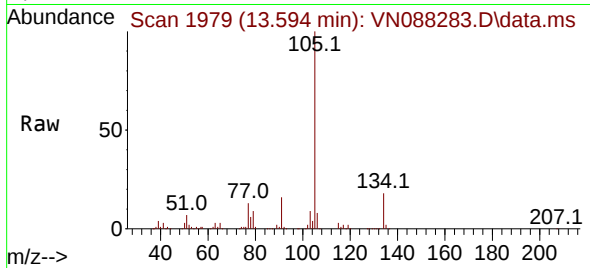
Tgt Ion:105 Resp: 268346
Ion Ratio Lower Upper
105 100
120 42.5 0.0 89.2





#81
 sec-Butylbenzene
 Concen: 18.683 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088283.D
 Acq: 14 Nov 2025 09:41

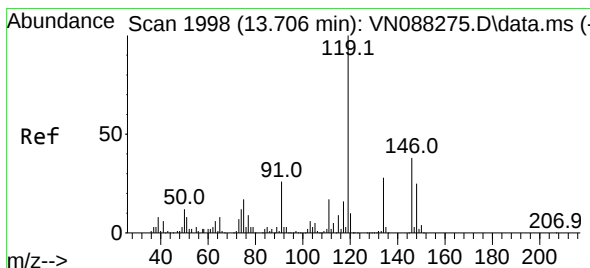
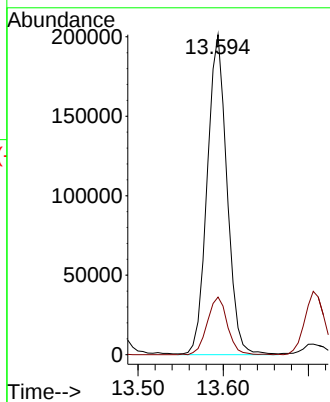
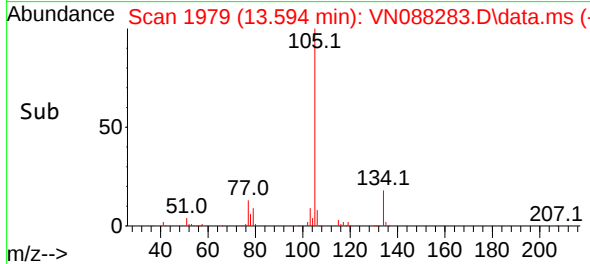
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS01



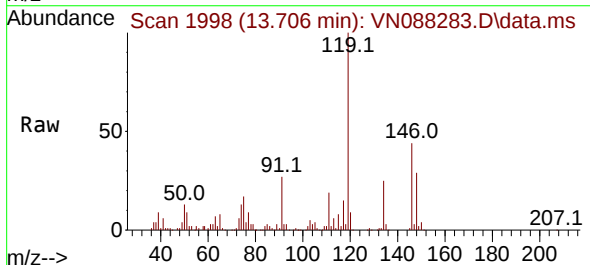
Tgt Ion:105 Resp: 324668
 Ion Ratio Lower Upper
 105 100
 134 18.3 0.0 38.4

Manual Integrations
 APPROVED

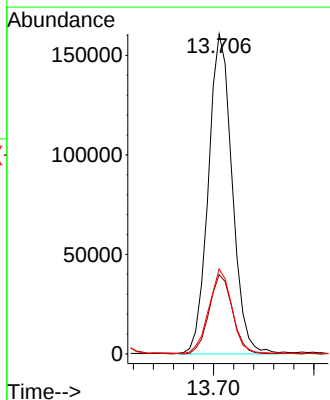
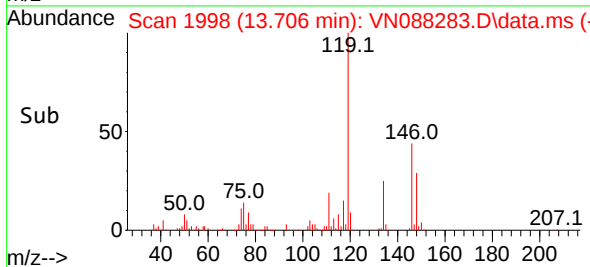
Reviewed By :John Carlone 11/17/2025
 Supervised By :Mahesh Dadoda 11/17/2025

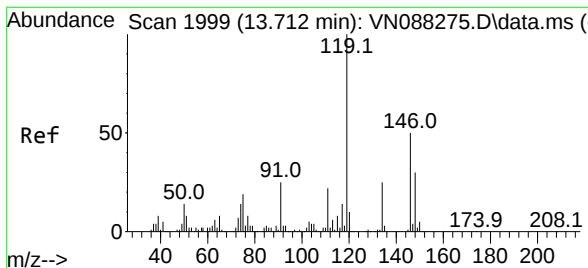


#82
 p-Isopropyltoluene
 Concen: 18.440 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088283.D
 Acq: 14 Nov 2025 09:41



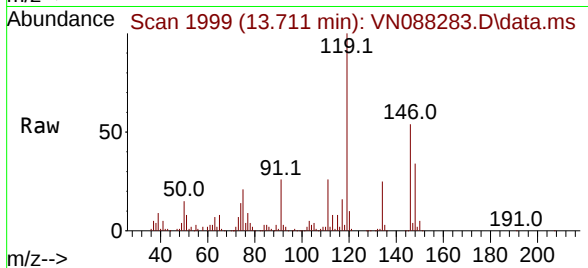
Tgt Ion:119 Resp: 264787
 Ion Ratio Lower Upper
 119 100
 134 24.4 0.0 51.2
 91 25.6 0.0 53.4





#83
1,3-Dichlorobenzene
Concen: 19.417 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

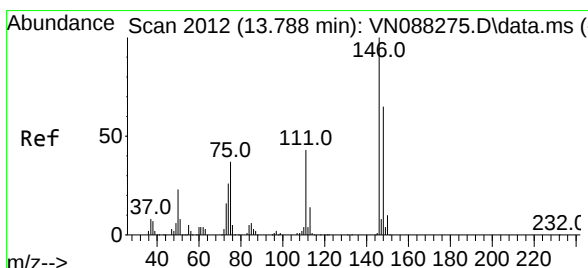
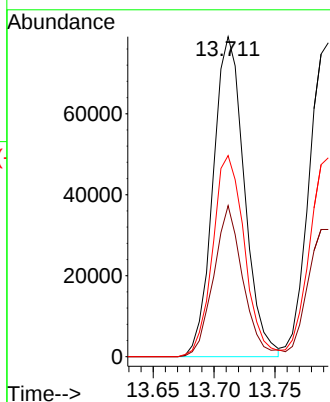
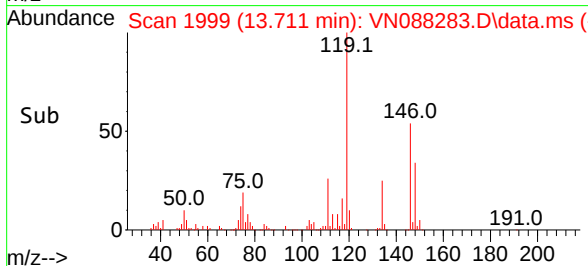
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



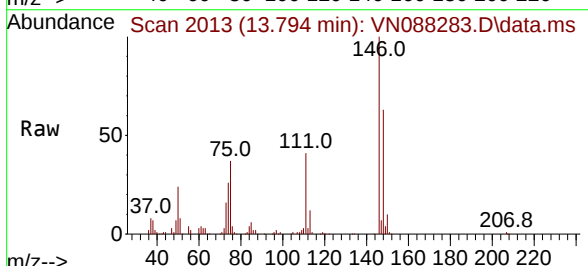
Tgt Ion:146 Resp: 141199
Ion Ratio Lower Upper
146 100
111 44.5 22.1 66.5
148 63.9 31.4 94.3

Manual Integrations
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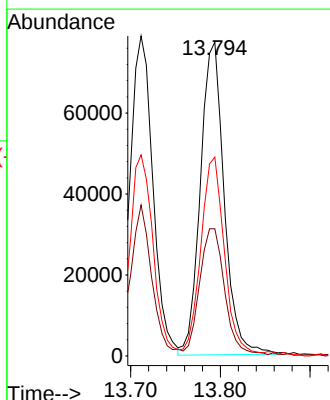
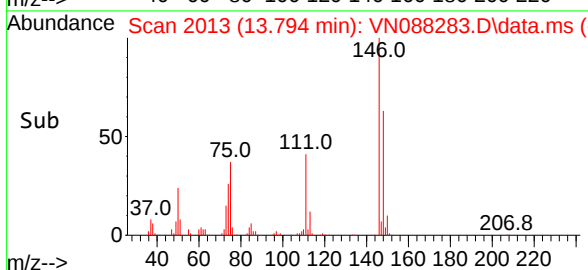
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

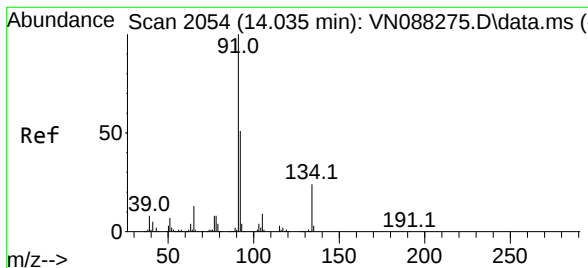


#84
1,4-Dichlorobenzene
Concen: 19.346 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41



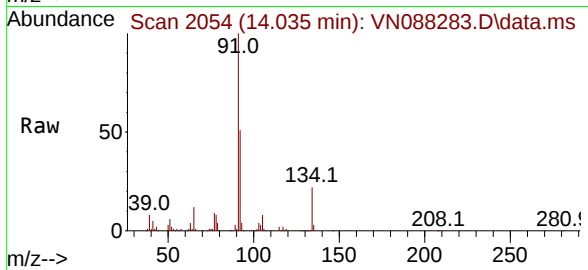
Tgt Ion:146 Resp: 142468
Ion Ratio Lower Upper
146 100
111 42.8 21.8 65.3
148 62.6 31.9 95.5





#85
n-Butylbenzene
Concen: 18.731 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

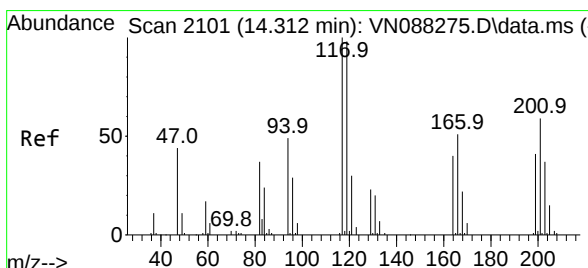
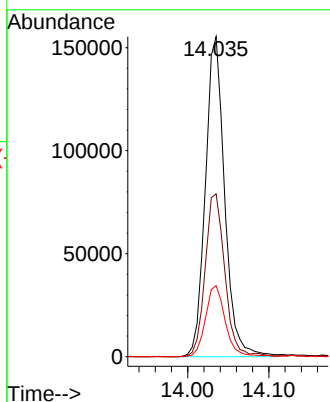
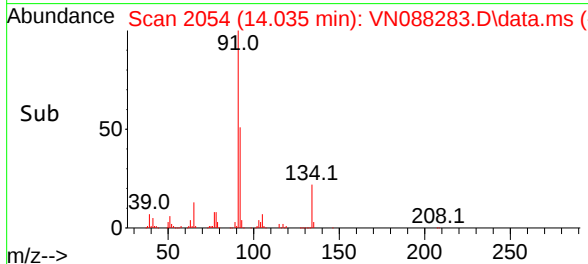
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion: 91 Resp: 256344
Ion Ratio Lower Upper
91 100
92 51.3 0.0 102.4
134 22.6 0.0 45.8

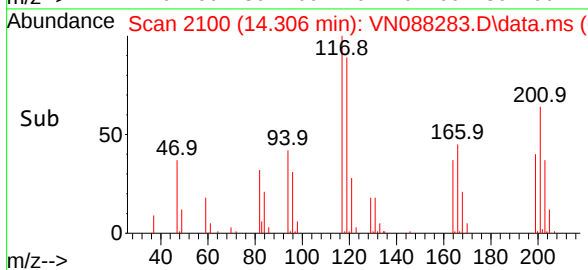
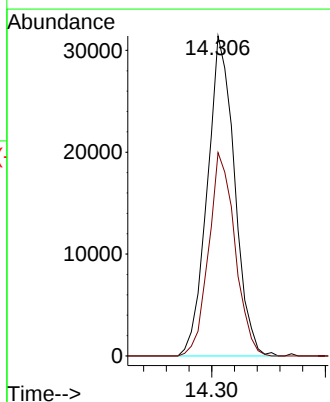
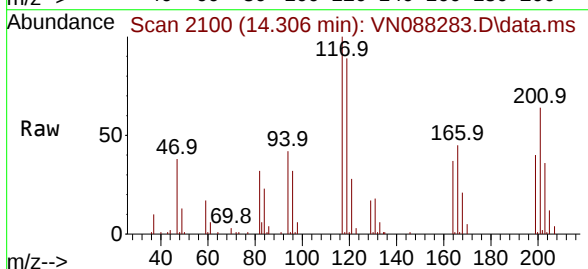
Manual Integrations
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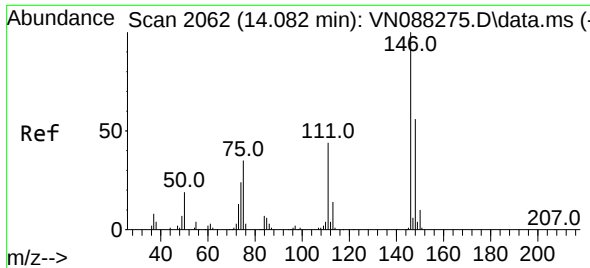
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#86
Hexachloroethane
Concen: 19.043 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Tgt Ion:117 Resp: 52358
Ion Ratio Lower Upper
117 100
201 61.3 30.6 92.0





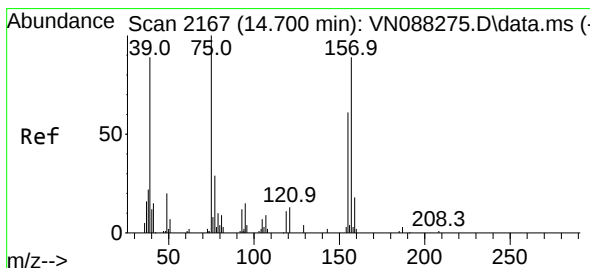
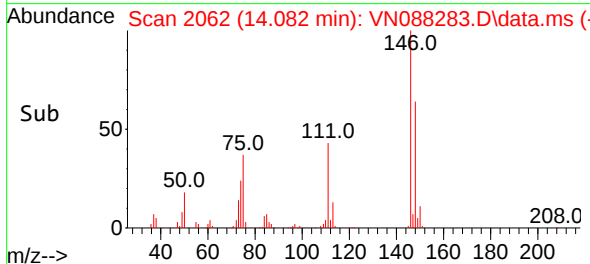
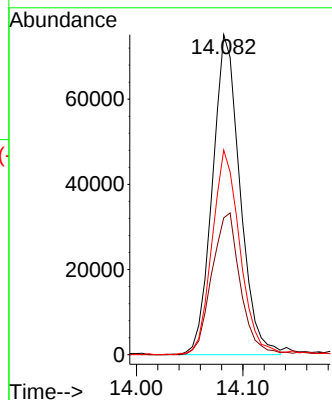
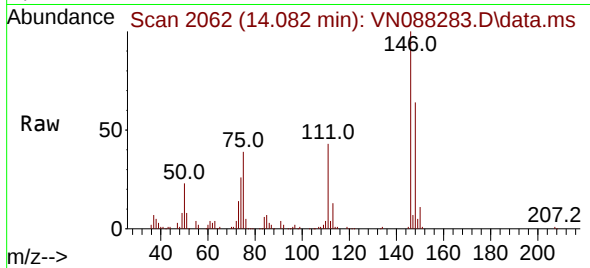
#87
1,2-Dichlorobenzene
Concen: 19.638 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01

Tgt Ion:146 Resp: 13479
Ion Ratio Lower Upper
146 100
111 46.1 23.0 69.0
148 64.7 31.1 93.2

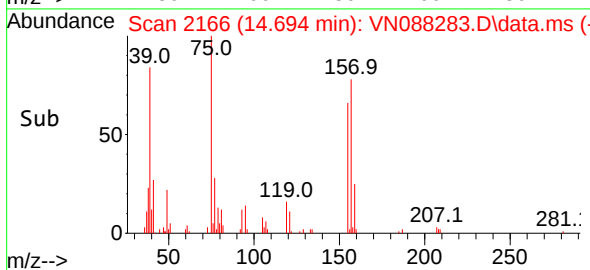
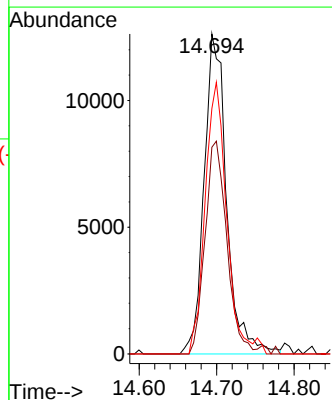
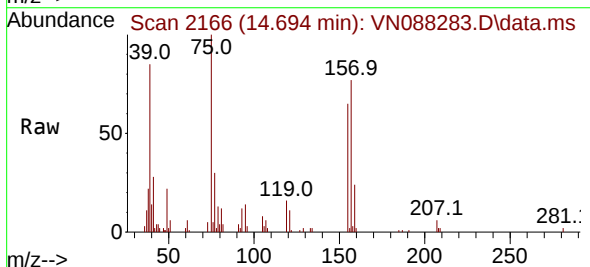
Manual Integrations
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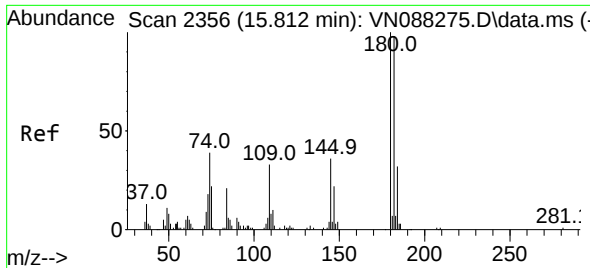
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.146 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

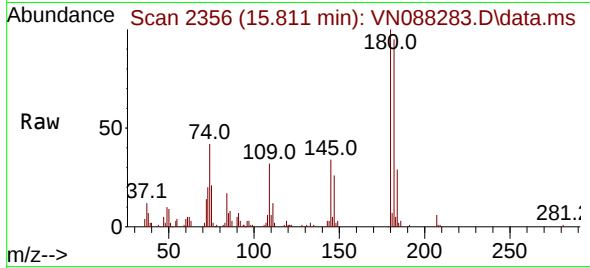
Tgt Ion: 75 Resp: 25430
Ion Ratio Lower Upper
75 100
155 64.5 54.8 82.2
157 80.5 70.7 106.1





#89
1,2,4-Trichlorobenzene
Concen: 18.924 ug/l
RT: 15.811 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

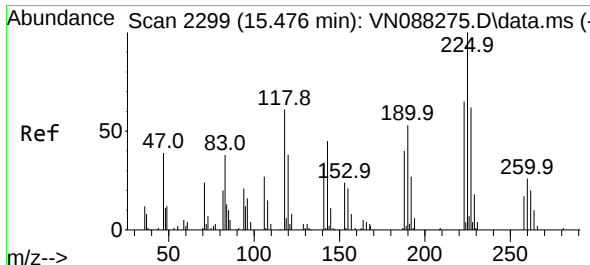
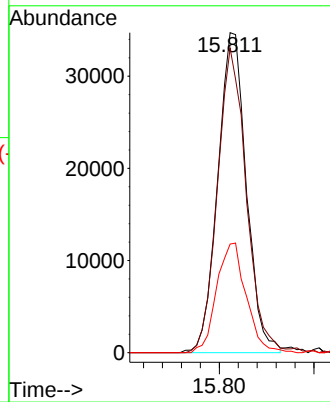
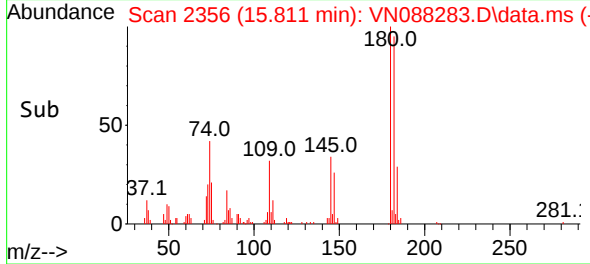
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



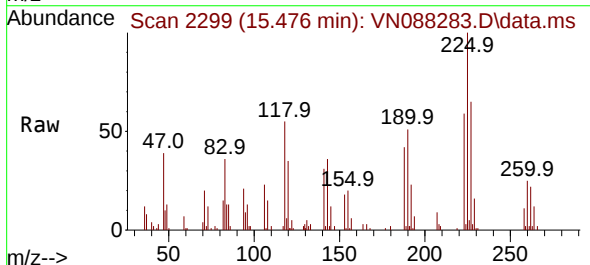
Tgt Ion:180 Resp: 7289
Ion Ratio Lower Upper
180 100
182 95.3 77.3 115.9
145 35.3 30.2 45.4

Manual Integrations
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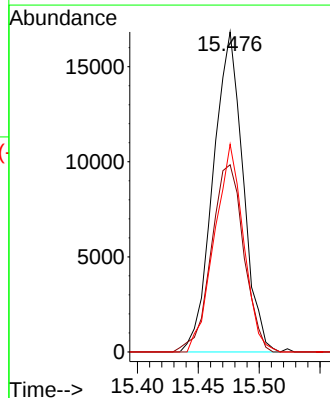
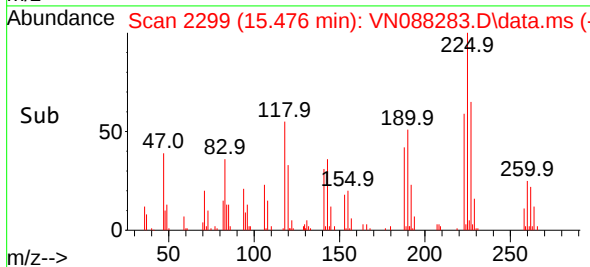
Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025

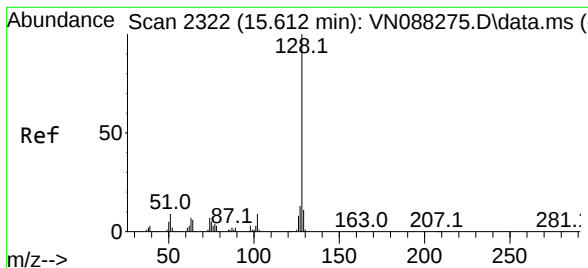


#90
Hexachlorobutadiene
Concen: 19.258 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41



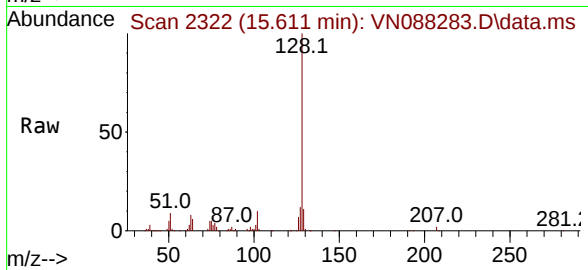
Tgt Ion:225 Resp: 28806
Ion Ratio Lower Upper
225 100
223 63.5 0.0 132.0
227 63.1 0.0 132.6





#91
Naphthalene
Concen: 18.607 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

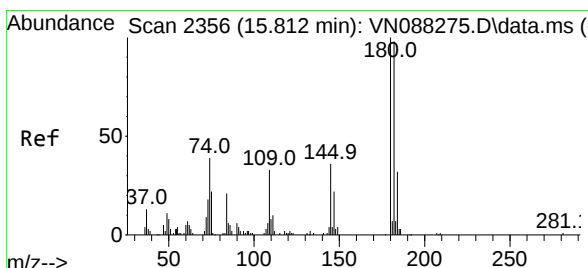
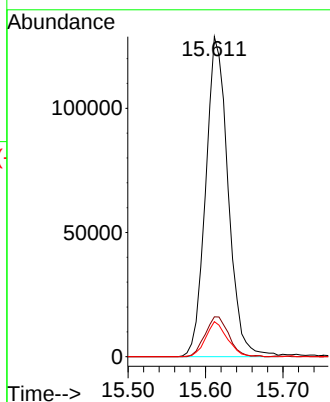
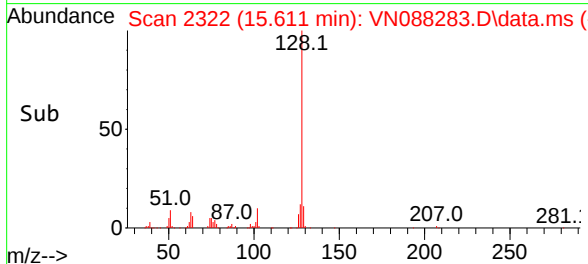
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS01



Tgt Ion:128 Resp: 259315
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.5 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 11/17/2025
Supervised By :Mahesh Dadoda 11/17/2025



#92
1,2,3-Trichlorobenzene
Concen: 18.924 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088283.D
Acq: 14 Nov 2025 09:41

Tgt Ion:180 Resp: 72891
Ion Ratio Lower Upper
180 100
182 95.3 0.0 193.2
145 35.3 0.0 75.6

