

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111325\
 Data File : VN088275.D
 Acq On : 13 Nov 2025 10:47
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/14/2025
 Supervised By : Semsettin Yesilyurt 11/14/2025

Quant Time: Nov 14 00:32:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:31:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.794	128	56809	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	316009	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	274966	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	155667	33.966	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 113.233%#			
60) 4-Bromofluorobenzene	12.829	95	135914	30.014	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.033%			
63) Toluene-d8	10.547	98	400066	32.118	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 107.067%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	89611	25.803	ug/l	100
3) Chloromethane	2.383	50	86783	22.710	ug/l	100
4) Vinyl Chloride	2.536	62	91378	22.923	ug/l	100
5) Bromomethane	2.983	94	45970	21.544	ug/l	100
6) Chloroethane	3.142	64	56603	21.775	ug/l	100
7) Trichlorofluoromethane	3.512	101	130333	23.708	ug/l	100
8) Diethyl Ether	3.965	74	45445	19.304	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	68173	23.278	ug/l	100
10) 1,1-Dichloroethene	4.336	96	66195	21.644	ug/l	100
11) Methyl Iodide	4.583	142	66051	22.325	ug/l	100
12) Methyl Acetate	5.018	43	102860	20.884	ug/l	100
13) Acrolein	4.183	56	67002	89.110	ug/l	100
14) Acrylonitrile	5.706	53	231708	98.836	ug/l	100
15) Acetone	4.418	58	68836	100.391	ug/l	100
16) Carbon Disulfide	4.706	76	224507	22.989	ug/l	100
17) Allyl chloride	5.018	41	124920	21.641	ug/l	100
18) Methylene Chloride	5.259	84	79465	20.618	ug/l	100
19) trans-1,2-Dichloroethene	5.783	96	77097m	21.822	ug/l	100
20) Diisopropyl ether	6.653	45	264884	20.483	ug/l	100
21) 1,1-Dichloroethane	6.553	63	151801	22.101	ug/l	100
22) cis-1,2-Dichloroethene	7.471	96	85904	19.863	ug/l	100
23) tert-Butyl Alcohol	5.524	59	82461	89.862	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	251301	19.534	ug/l	100
25) Chloroform	7.947	83	146699	20.947	ug/l	100
26) Cyclohexane	8.241	56	133859	23.277	ug/l	100
29) 1,1-Dichloropropene	8.353	75	107093	22.717	ug/l	100
30) 2-Butanone	7.471	43	330360	98.988	ug/l	100
31) 2,2-Dichloropropane	7.471	77	131341	21.925	ug/l	100
32) 1,1,1-Trichloroethane	8.147	97	131366	22.498	ug/l	100
33) Carbon Tetrachloride	8.341	117	112124	22.765	ug/l	100
34) Benzene	8.588	78	314932	20.690	ug/l	100
35) Methacrylonitrile	7.765	41	68465	19.580	ug/l	100
36) 1,2-Dichloroethane	8.653	62	121133	22.449	ug/l	100
37) Trichloroethene	9.330	130	71676	20.066	ug/l	100
38) Methylcyclohexane	9.577	83	124934	21.749	ug/l	100
39) 1,2-Dichloropropane	9.600	63	79702	20.829	ug/l	100
40) Dibromomethane	9.688	93	58255	20.946	ug/l	100
41) Bromodichloromethane	9.871	83	112790	20.003	ug/l	100
42) Vinyl Acetate	6.589	43	1104913	96.320	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.541	43	135974	20.923	ug/l	100
44) Isopropyl Acetate	8.671	43	205400	19.593	ug/l	100
45) 1,4-Dioxane	9.682	88	26417	388.772	ug/l	100
46) Methyl methacrylate	9.665	41	94347	19.858	ug/l	100
47) n-amyl Acetate	12.671	43	96079m	19.466	ug/l	
48) t-1,3-Dichloropropene	10.812	75	117823	18.989	ug/l	100
49) cis-1,3-Dichloropropene	10.294	75	128462	19.738	ug/l	100
50) 1,1,2-Trichloroethane	10.994	97	70272	19.404	ug/l	100
51) Ethyl methacrylate	10.853	69	110057	18.093	ug/l	100
52) 1,3-Dichloropropane	11.141	76	128846	20.209	ug/l	100
53) Dibromochloromethane	11.335	129	79410	18.494	ug/l	100
54) 1,2-Dibromoethane	11.447	107	71949	18.708	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	320128	97.447	ug/l	100
56) Bromoform	12.565	173	49101	17.127	ug/l	100
58) 4-Methyl-2-Pentanone	10.424	43	627464	101.601	ug/l	100
59) 2-Hexanone	11.177	43	399715	98.468	ug/l	100
61) Tetrachloroethene	11.082	164	60224	21.314	ug/l	100
62) Toluene	10.606	91	325793	20.699	ug/l	100
64) Chlorobenzene	11.871	112	195311	19.673	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.941	131	67699	19.855	ug/l	100
66) Ethyl Benzene	11.941	91	353168	20.628	ug/l	100
67) m/p-Xylenes	12.053	106	265069	40.436	ug/l	100
68) o-Xylene	12.376	106	121940	18.975	ug/l	100
69) Styrene	12.394	104	204002	19.012	ug/l	100
70) Isopropylbenzene	12.676	105	329705	20.485	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.918	83	105470	19.550	ug/l	100
72) 1,2,3-Trichloropropane	12.976	75	93353m	18.642	ug/l	
73) Bromobenzene	12.959	156	73152	19.023	ug/l	100
74) n-propylbenzene	13.012	91	409616	20.952	ug/l	100
75) 2-Chlorotoluene	13.106	91	245108	20.611	ug/l	100
76) 1,3,5-Trimethylbenzene	13.153	105	274988	20.196	ug/l	100
77) t-1,4-Dichloro-2-butene	12.718	75	32812	16.660	ug/l	100
78) 4-Chlorotoluene	13.200	91	249260	20.636	ug/l	100
79) tert-butylbenzene	13.412	119	233396	19.912	ug/l	100
80) 1,2,4-Trimethylbenzene	13.459	105	270223	19.918	ug/l	100
81) sec-Butylbenzene	13.594	105	351400	21.009	ug/l	100
82) p-Isopropyltoluene	13.706	119	288563	20.375	ug/l	100
83) 1,3-Dichlorobenzene	13.712	146	145695	19.906	ug/l	100
84) 1,4-Dichlorobenzene	13.788	146	143865	19.240	ug/l	100
85) n-Butylbenzene	14.035	91	281860	21.176	ug/l	100
86) Hexachloroethane	14.312	117	53696	19.135	ug/l	100
87) 1,2-Dichlorobenzene	14.082	146	136306	19.098	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.700	75	23631	19.344	ug/l	100
89) 1,2,4-Trichlorobenzene	15.812	180	73982	17.714	ug/l	100
90) Hexachlorobutadiene	15.476	225	30294	20.112	ug/l	100
91) Naphthalene	15.612	128	264153	17.329	ug/l	100
92) 1,2,3-Trichlorobenzene	15.812	180	73982	17.714	ug/l	100

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

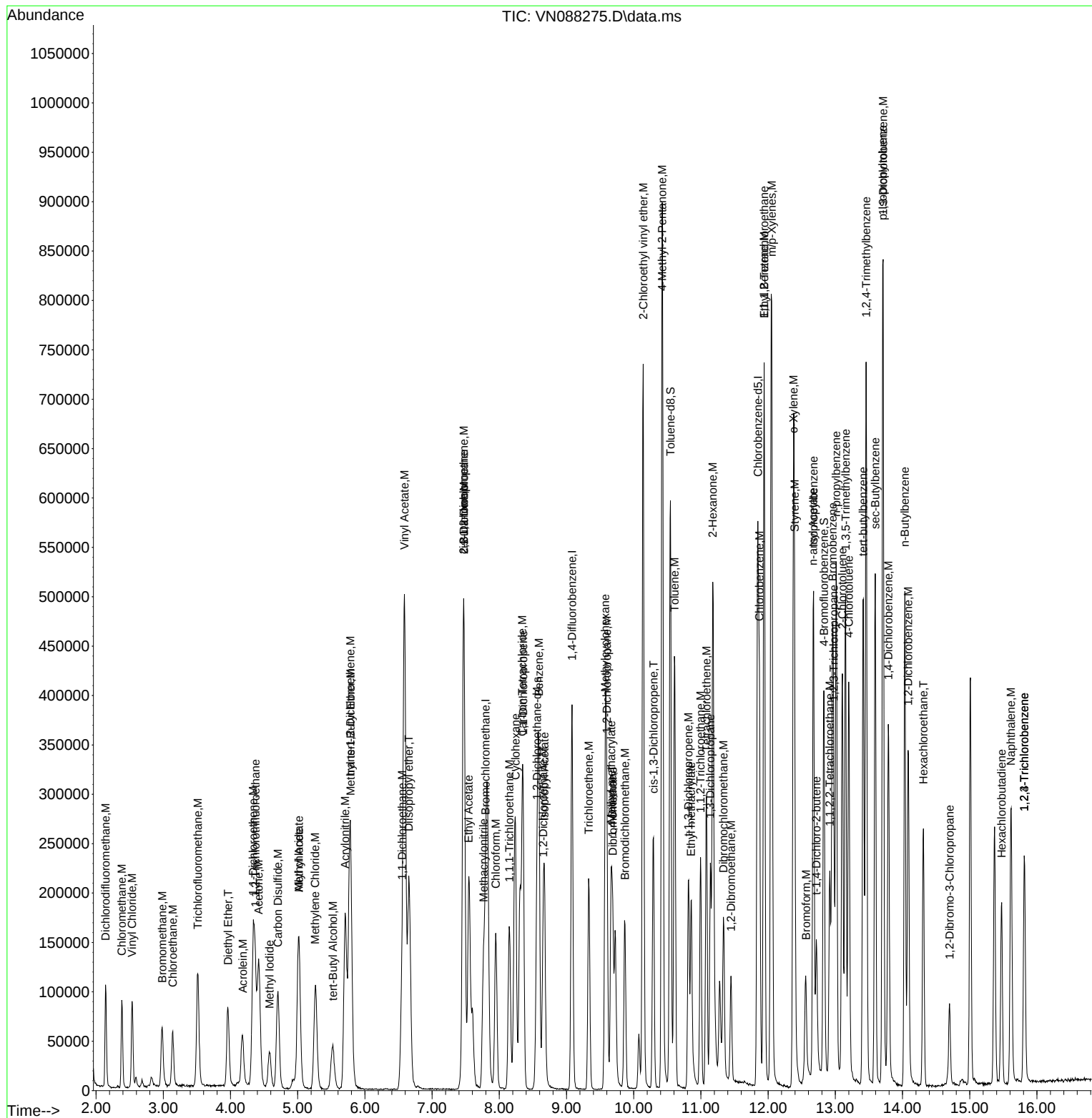
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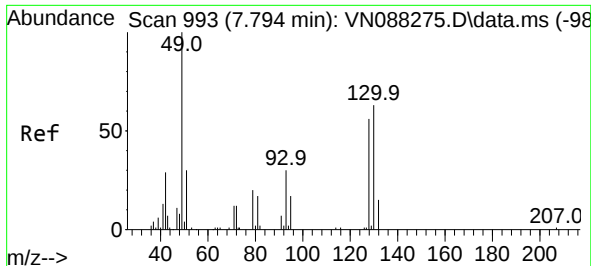
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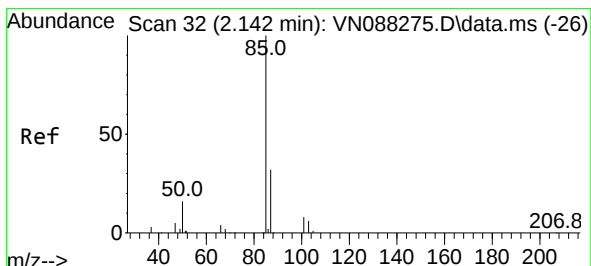
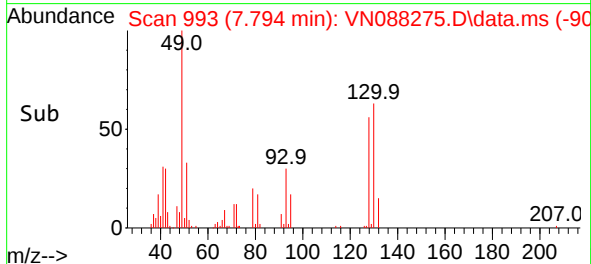
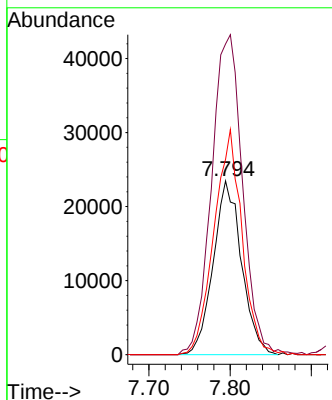
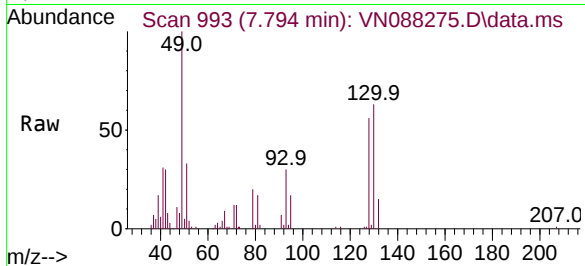
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 993
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:128 Resp: 56809
Ion Ratio Lower Upper
128 100
49 200.5 0.0 501.2
130 128.1 0.0 320.2

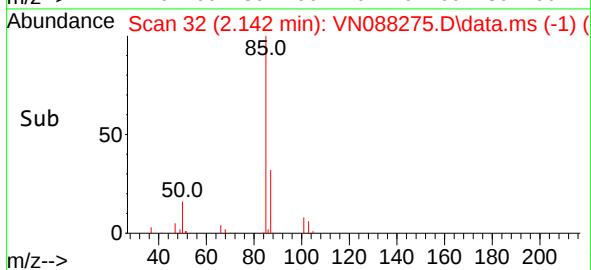
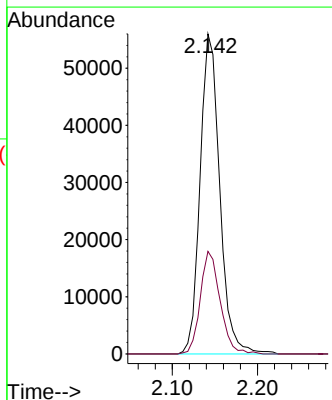
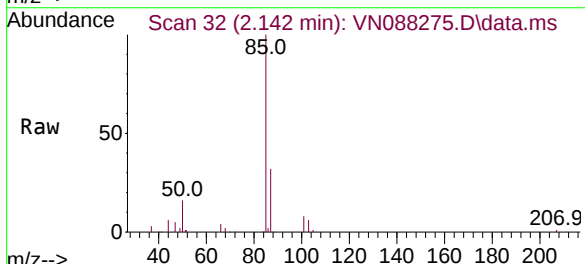
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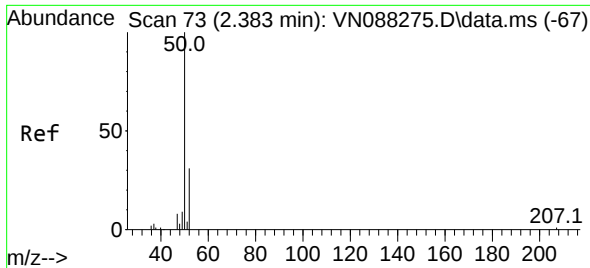
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#2
Dichlorodifluoromethane
Concen: 25.803 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

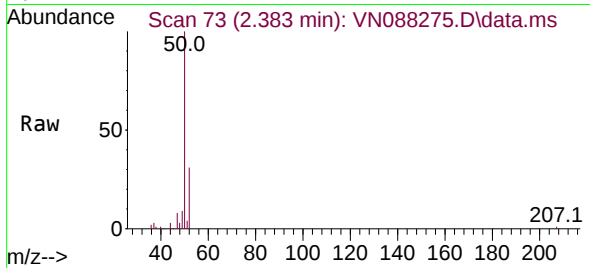
Tgt Ion: 85 Resp: 89611
Ion Ratio Lower Upper
85 100
87 32.0 16.0 48.0





#3
Chloromethane
Concen: 22.710 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

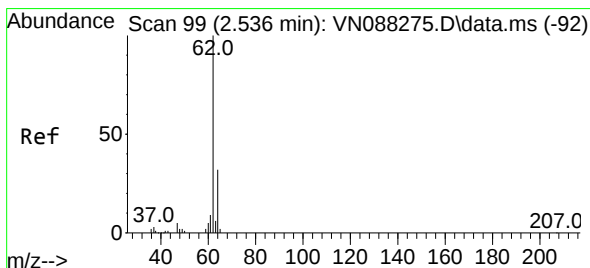
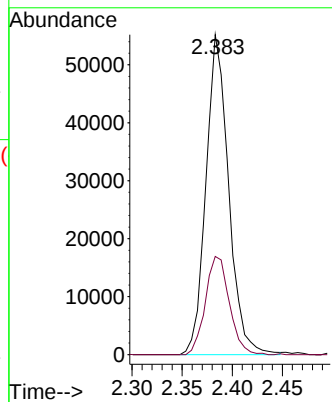
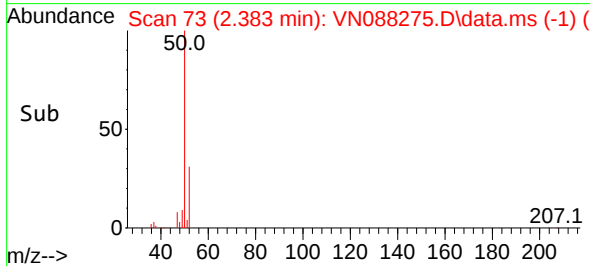
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Tgt Ion: 50 Resp: 86783
Ion Ratio Lower Upper
50 100
52 30.7 24.6 36.8

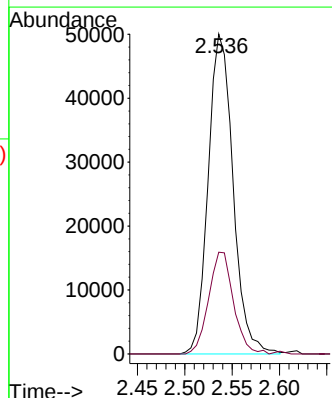
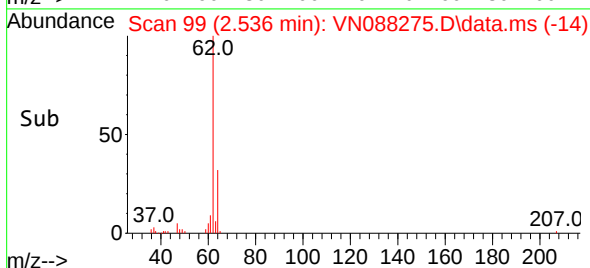
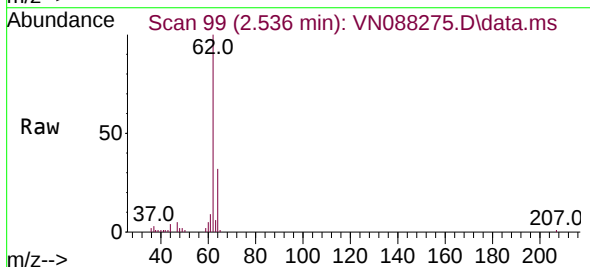
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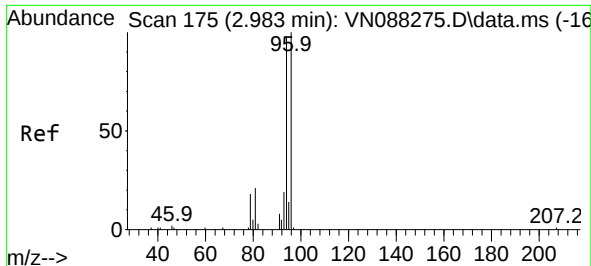
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#4
Vinyl Chloride
Concen: 22.923 ug/l
RT: 2.536 min Scan# 99
Delta R.T. 0.000 min
Lab File: VN088275.D
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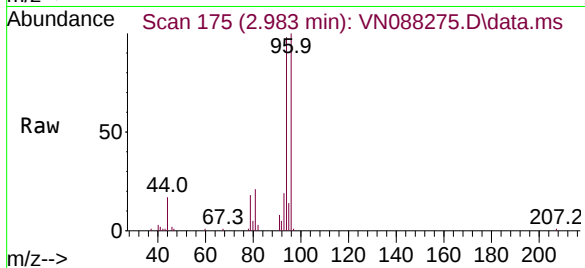
Tgt Ion: 62 Resp: 91378
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2





#5
Bromomethane
Concen: 21.544 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN088275.D
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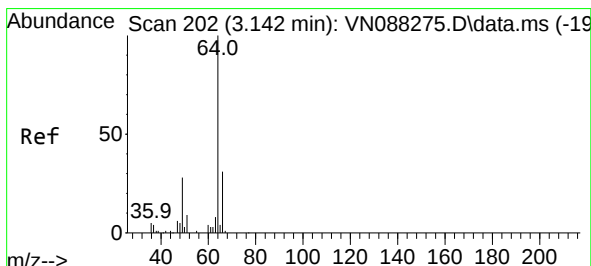
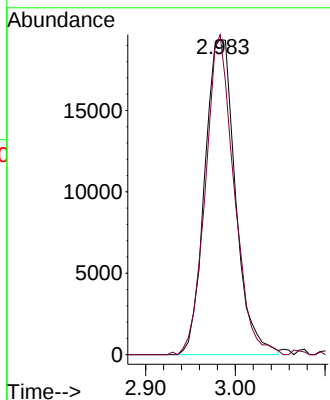
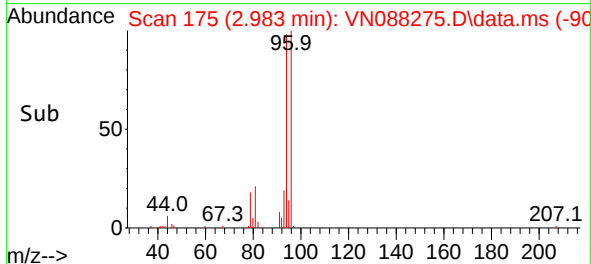
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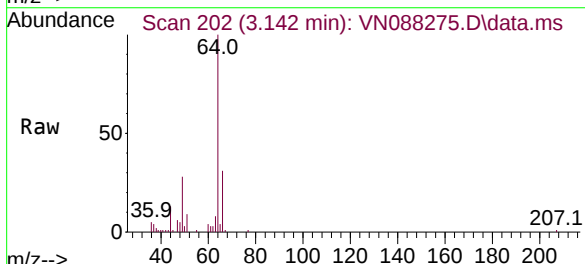
Tgt Ion: 94 Resp: 45976
Ion Ratio Lower Upper
94 100
96 101.6 81.3 121.9

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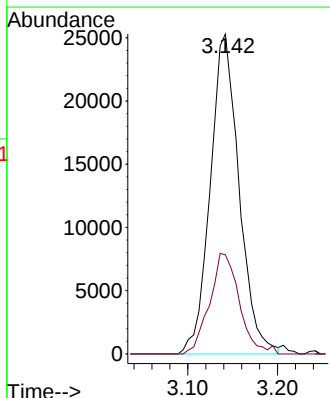
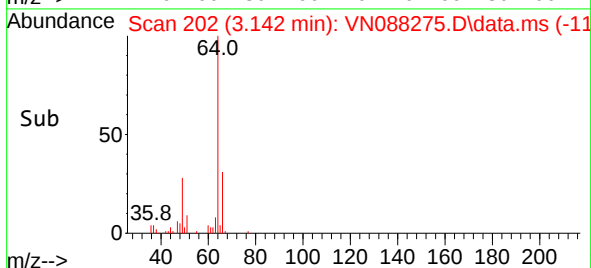
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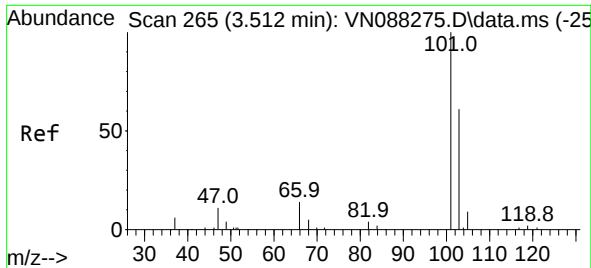


#6
Chloroethane
Concen: 21.775 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN088275.D
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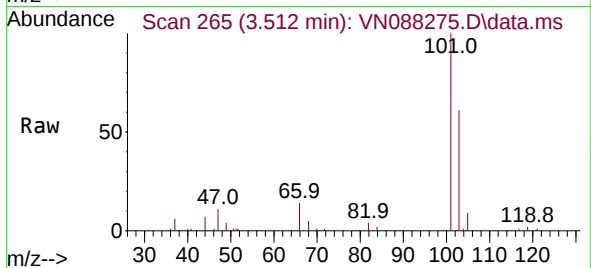
Tgt Ion: 64 Resp: 56603
Ion Ratio Lower Upper
64 100
66 30.9 24.7 37.1





#7
 Trichlorofluoromethane
 Concen: 23.708 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN088275.D
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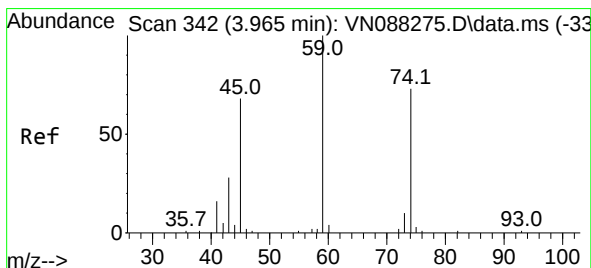
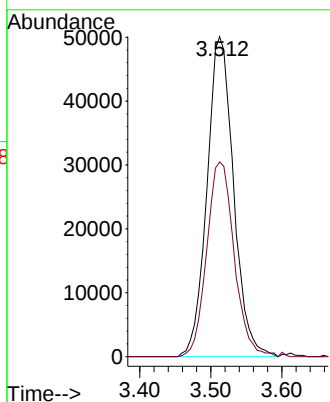
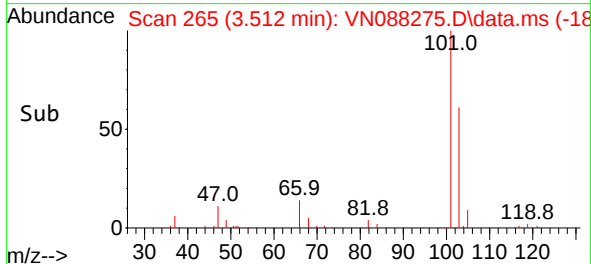
Instrument :
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Tgt Ion:101 Resp: 130333
 Ion Ratio Lower Upper
 101 100
 103 60.8 48.6 73.0

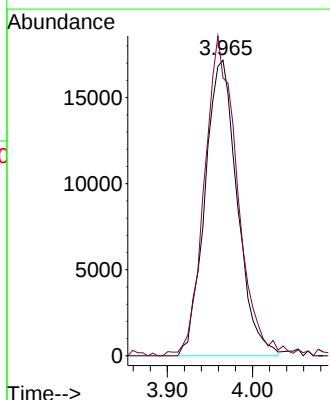
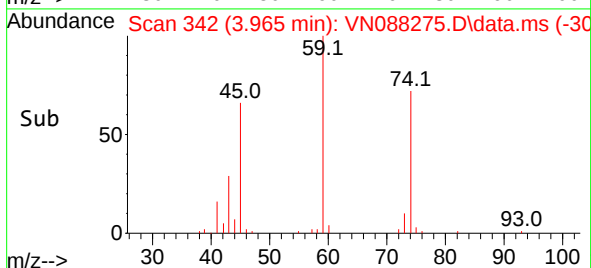
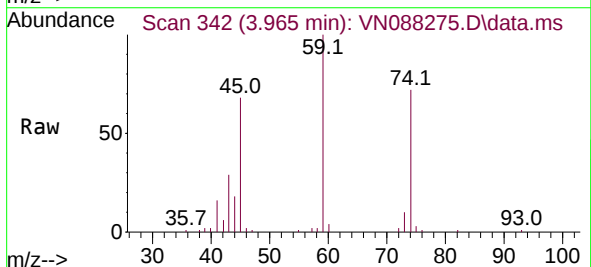
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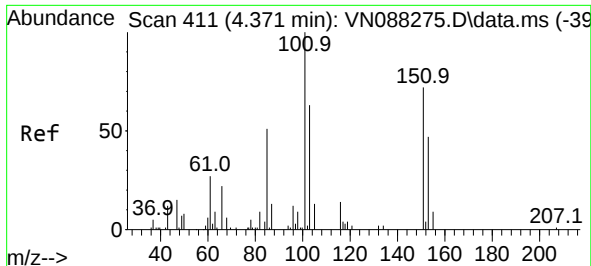
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#8
 Diethyl Ether
 Concen: 19.304 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VN088275.D
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Tgt Ion: 74 Resp: 45445
 Ion Ratio Lower Upper
 74 100
 45 104.3 20.9 187.7





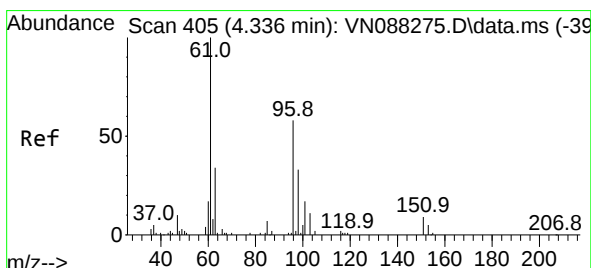
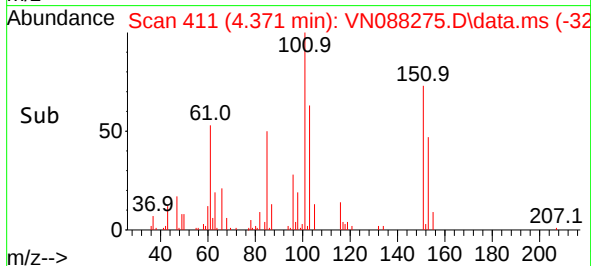
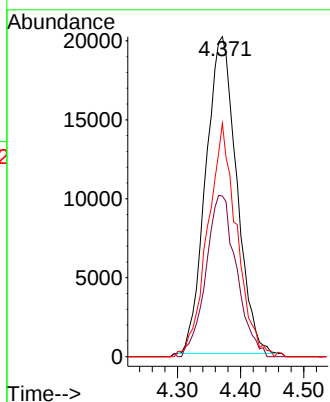
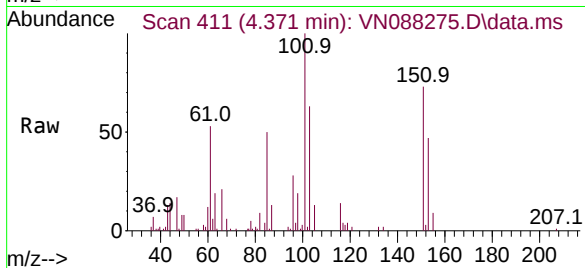
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.278 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:101 Resp: 68173
Ion Ratio Lower Upper
101 100
85 50.4 0.0 100.8
151 69.2 0.0 138.4

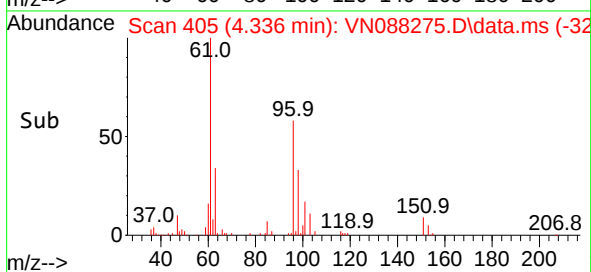
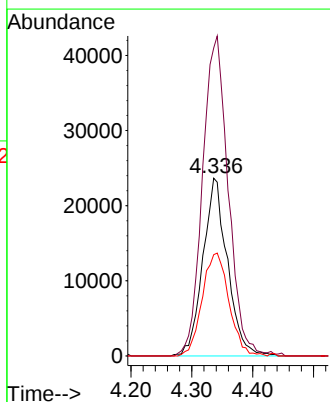
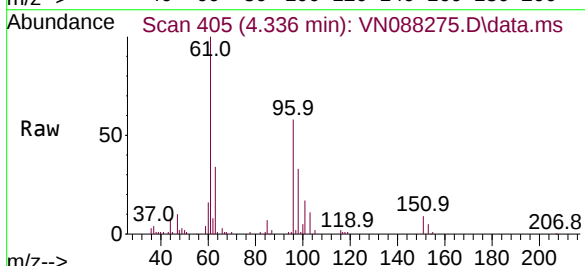
Manual Integrations
APPROVED

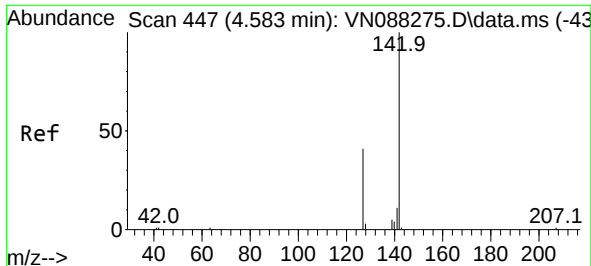
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#10
1,1-Dichloroethene
Concen: 21.644 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

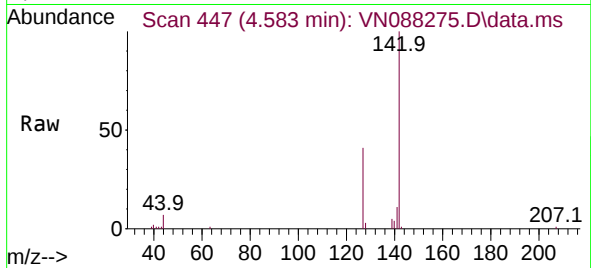
Tgt Ion: 96 Resp: 66195
Ion Ratio Lower Upper
96 100
61 172.3 137.8 206.8
98 57.0 45.6 68.4





#11
Methyl Iodide
Concen: 22.325 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

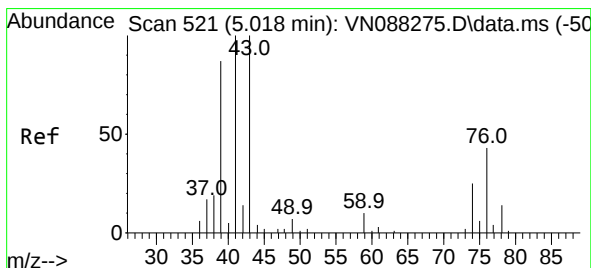
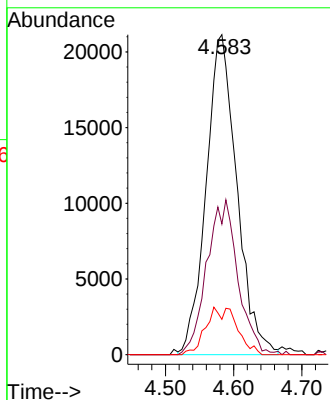
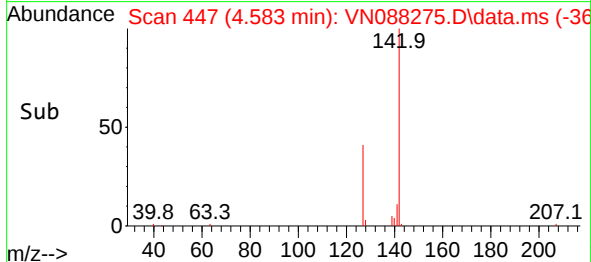
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:142 Resp: 6605
Ion Ratio Lower Upper
142 100
127 40.8 20.4 61.2
141 11.2 5.6 16.8

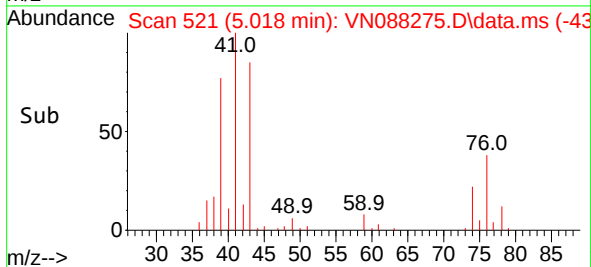
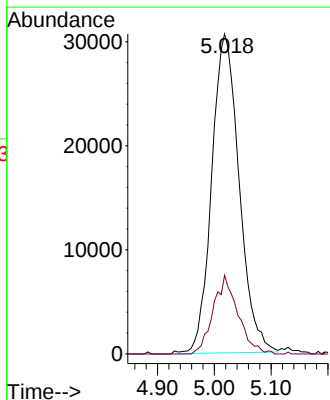
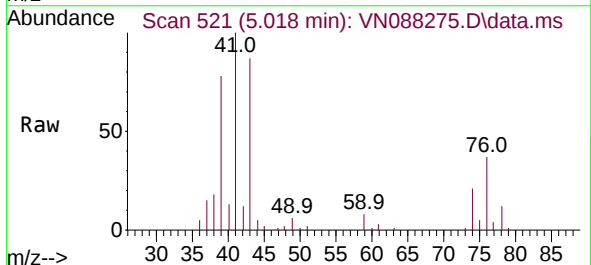
Manual Integrations
APPROVED

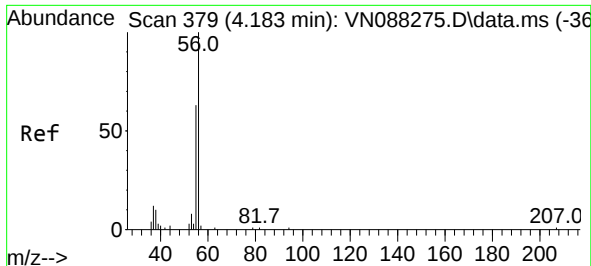
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#12
Methyl Acetate
Concen: 20.884 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

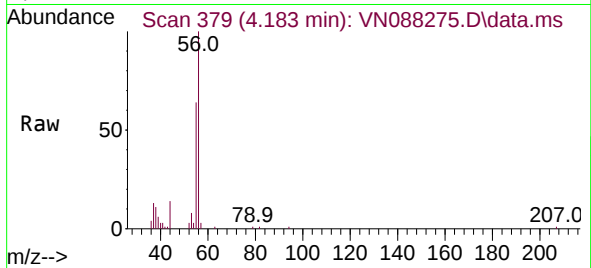
Tgt Ion: 43 Resp: 102860
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.8





#13
Acrolein
Concen: 89.110 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

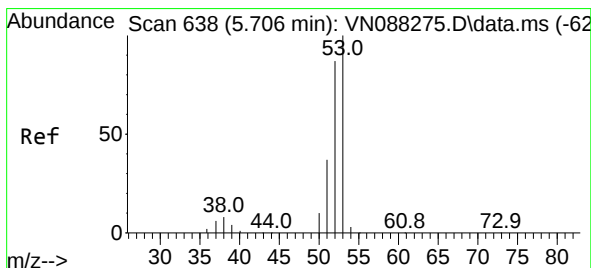
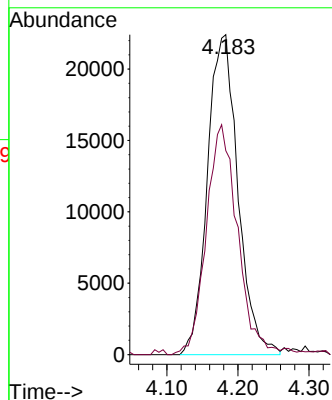
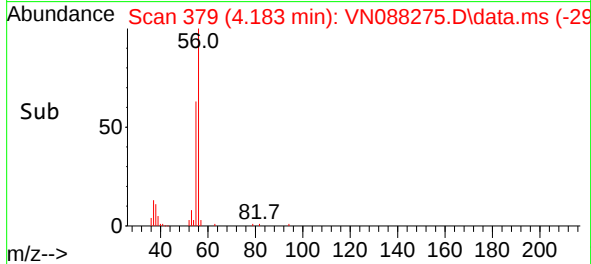
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 67002
Ion Ratio Lower Upper
56 100
55 72.4 57.9 86.9

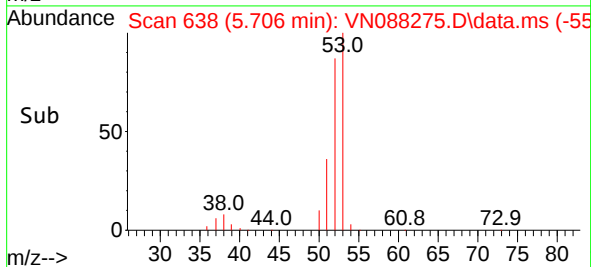
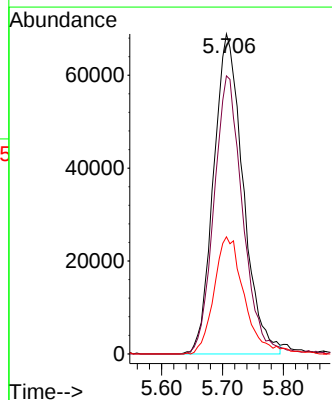
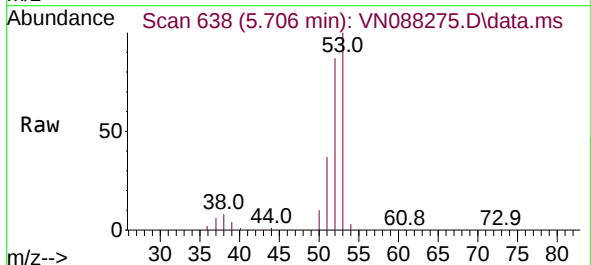
Manual Integrations
APPROVED

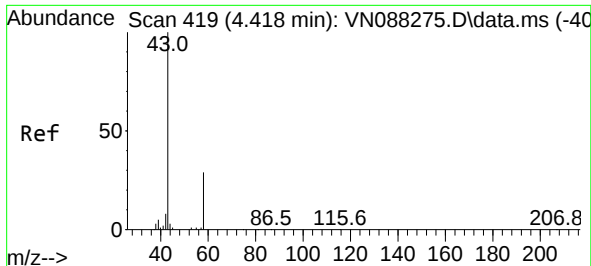
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#14
Acrylonitrile
Concen: 98.836 ug/l
RT: 5.706 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

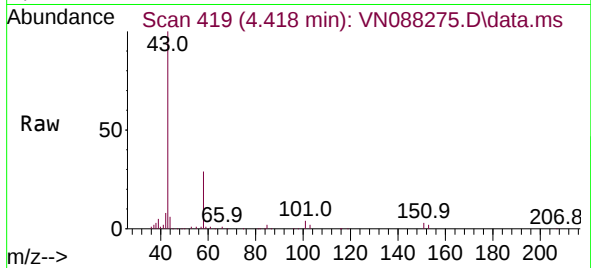
Tgt Ion: 53 Resp: 231708
Ion Ratio Lower Upper
53 100
52 84.6 42.3 126.9
51 36.8 18.4 55.2





#15
Acetone
Concen: 100.391 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

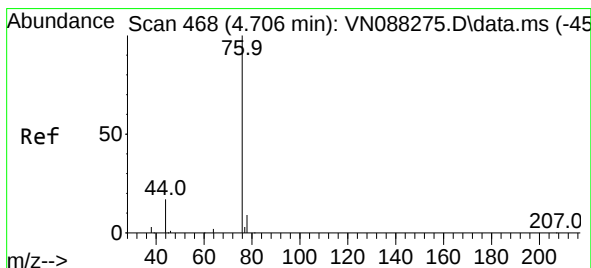
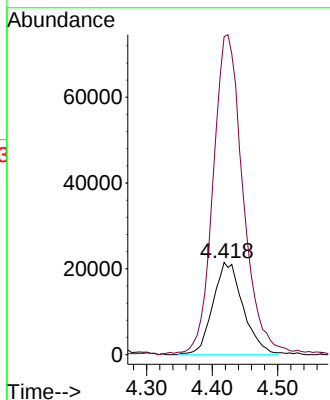
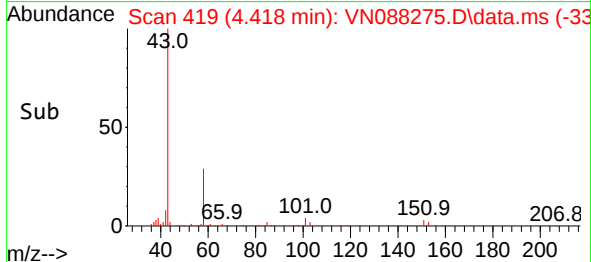
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



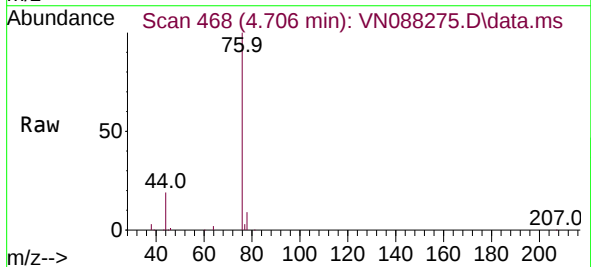
Tgt Ion: 58 Resp: 68836
Ion Ratio Lower Upper
58 100
43 342.4 273.9 410.9

Manual Integrations
APPROVED

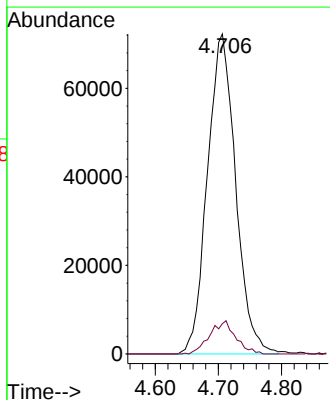
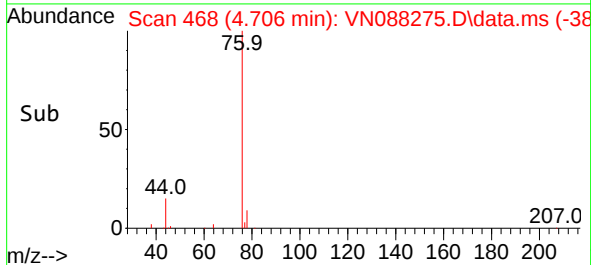
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

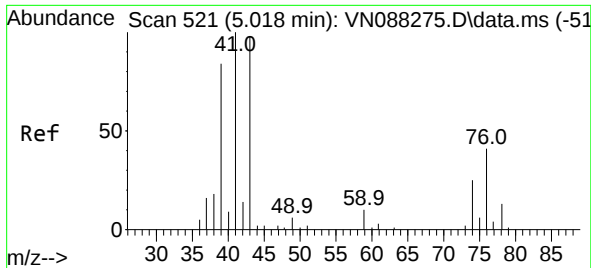


#16
Carbon Disulfide
Concen: 22.989 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47



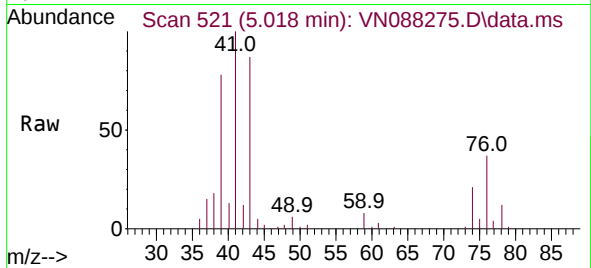
Tgt Ion: 76 Resp: 224507
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3





#17
 Allyl chloride
 Concen: 21.641 ug/l
 RT: 5.018 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: VN088275.D
 Acq: 13 Nov 2025 10:47

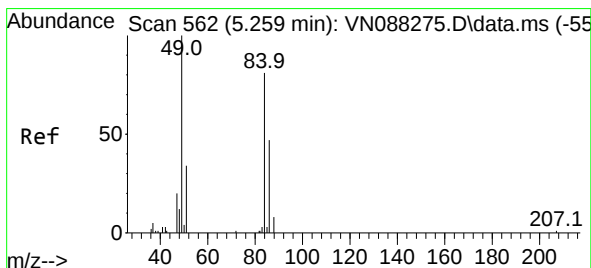
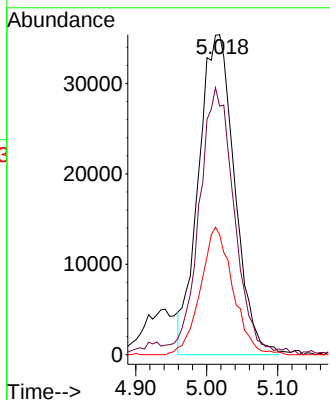
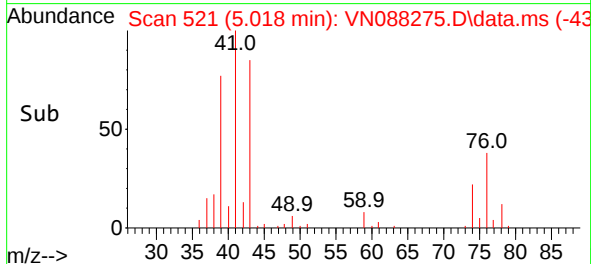
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDICCC020



Tgt Ion: 41 Resp: 124920
 Ion Ratio Lower Upper
 41 100
 39 76.6 38.3 114.9
 76 37.0 18.5 55.5

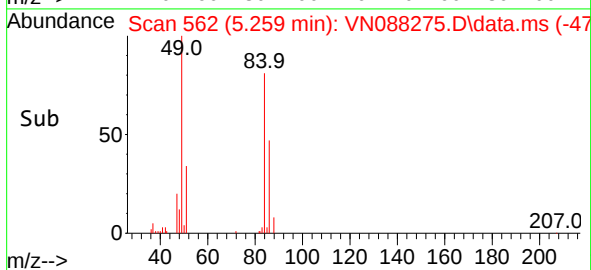
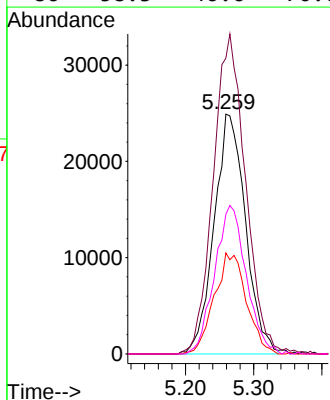
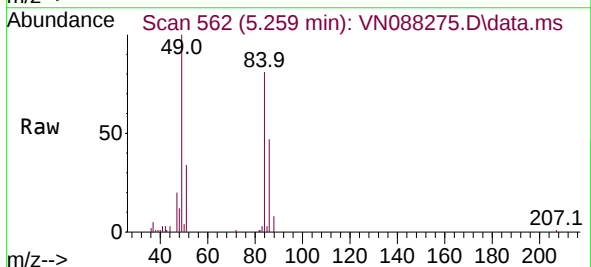
Manual Integrations
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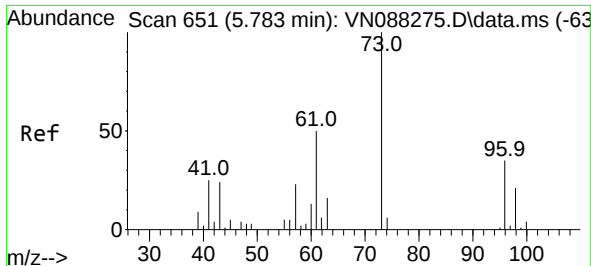
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#18
 Methylene Chloride
 Concen: 20.618 ug/l
 RT: 5.259 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: VN088275.D
 Acq: 13 Nov 2025 10:47

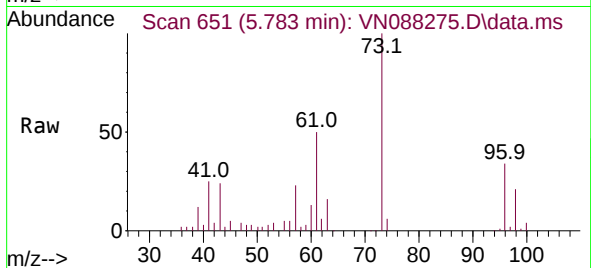
Tgt Ion: 84 Resp: 79465
 Ion Ratio Lower Upper
 84 100
 49 123.4 98.7 148.1
 51 42.1 33.7 50.5
 86 58.3 46.6 70.0





#19
trans-1,2-Dichloroethene
Concen: 21.822 ug/l m
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

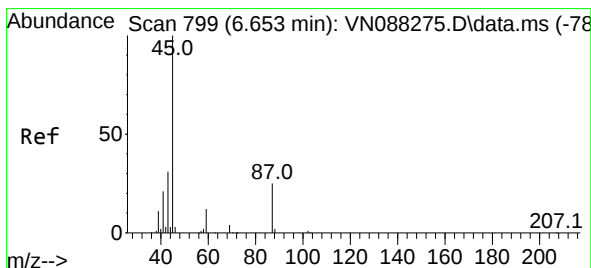
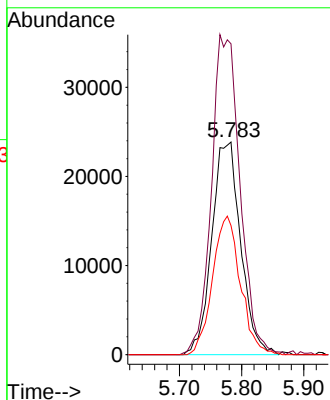
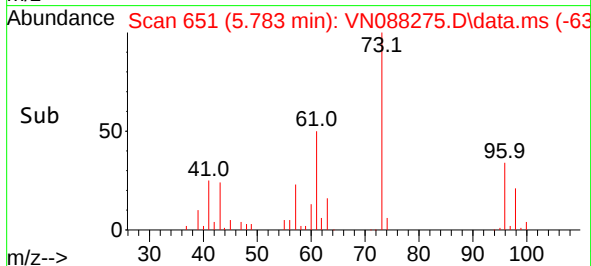
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 96 Resp: 77092
Ion Ratio Lower Upper
96 100
61 146.2 117.0 175.4
98 60.7 48.6 72.8

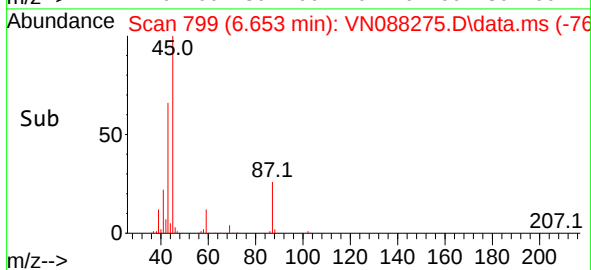
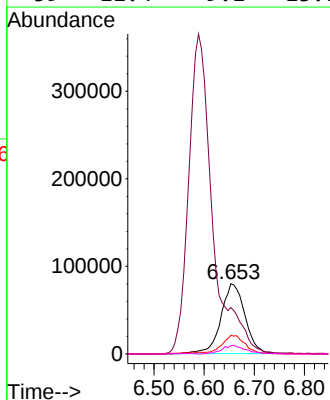
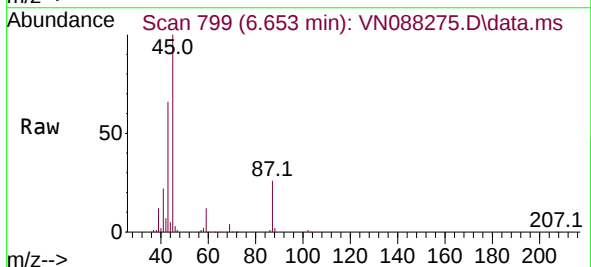
Manual Integrations
APPROVED

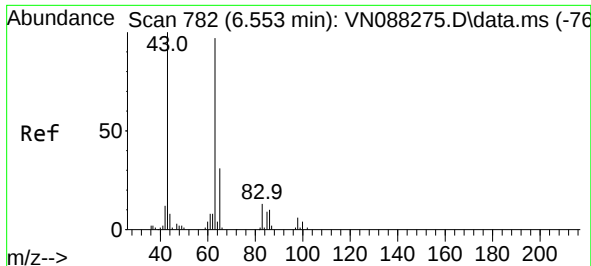
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#20
Diisopropyl ether
Concen: 20.483 ug/l
RT: 6.653 min Scan# 799
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Tgt Ion: 45 Resp: 264884
Ion Ratio Lower Upper
45 100
43 64.9 51.9 77.9
87 26.4 21.1 31.7
59 11.4 9.1 13.7





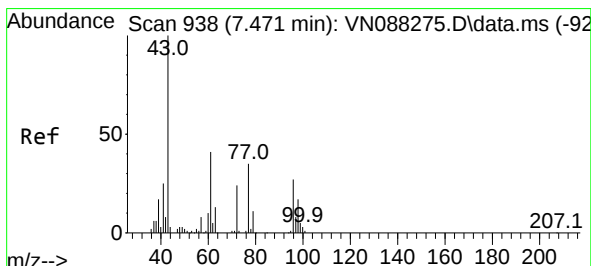
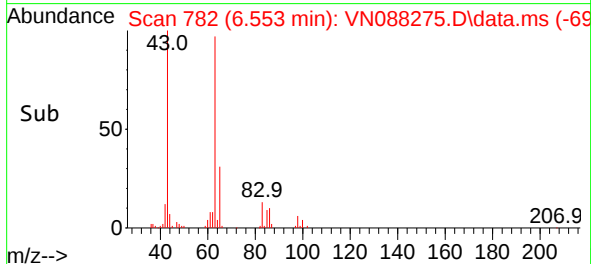
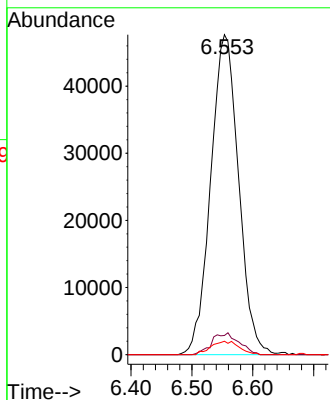
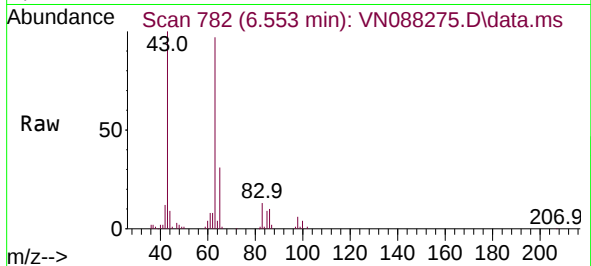
#21
1,1-Dichloroethane
Concen: 22.101 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 15180
Ion Ratio Lower Upper
63 100
98 6.0 3.0 9.0
100 4.2 2.1 6.3

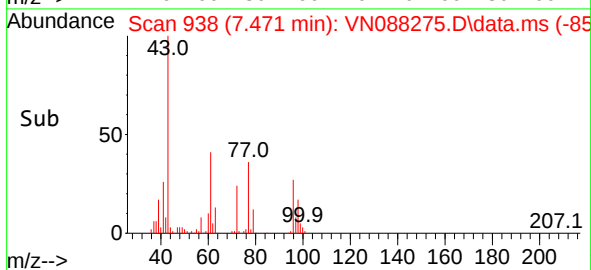
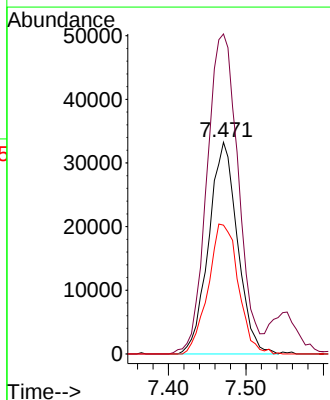
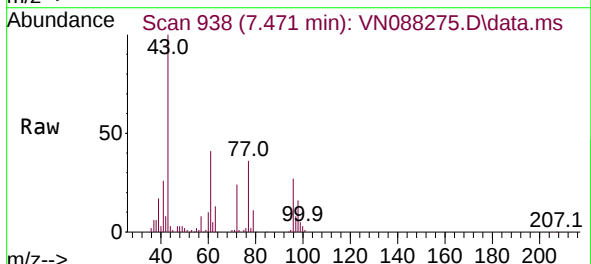
Manual Integrations
APPROVED

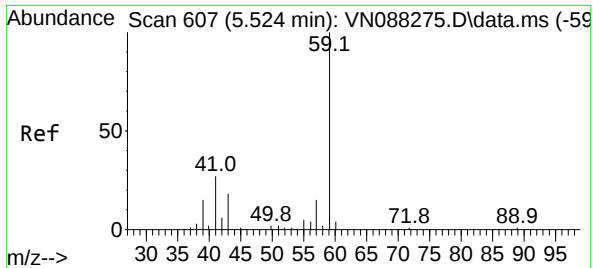
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#22
cis-1,2-Dichloroethene
Concen: 19.863 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Tgt Ion: 96 Resp: 85904
Ion Ratio Lower Upper
96 100
61 164.0 131.2 196.8
98 63.7 51.0 76.4





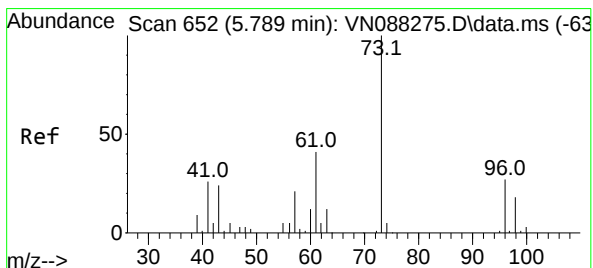
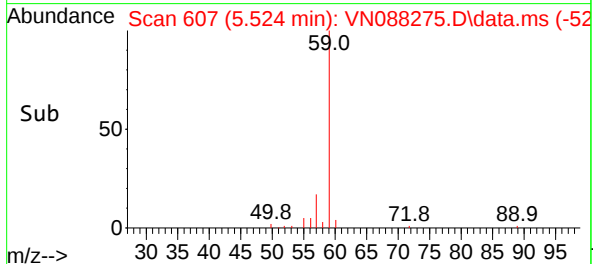
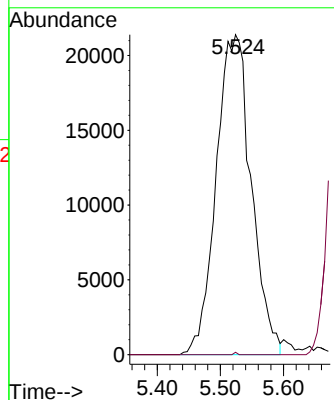
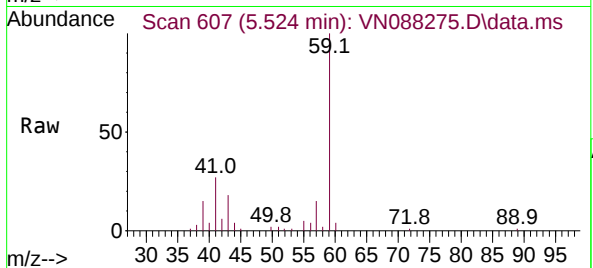
#23
tert-Butyl Alcohol
Concen: 89.862 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 59 Resp: 82463
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

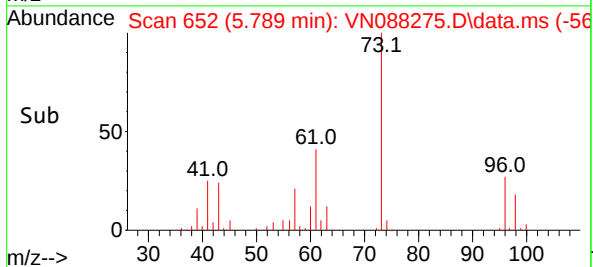
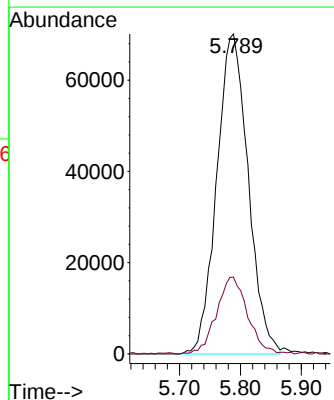
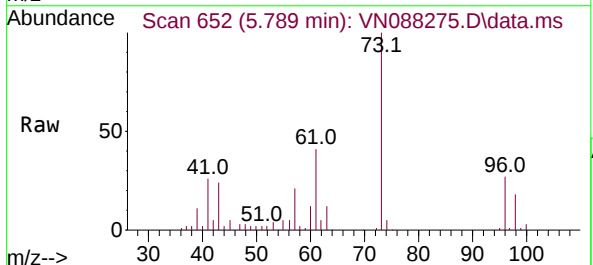
Manual Integrations
APPROVED

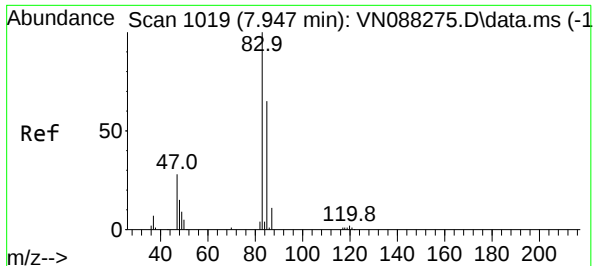
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#24
Methyl tert-Butyl Ether
Concen: 19.534 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

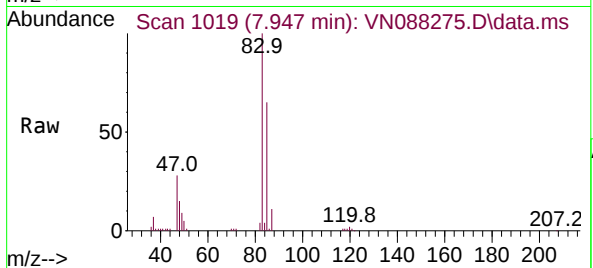
Tgt Ion: 73 Resp: 251301
Ion Ratio Lower Upper
73 100
43 23.1 18.5 27.7





#25
Chloroform
Concen: 20.947 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

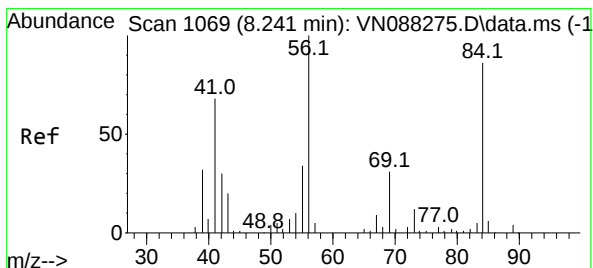
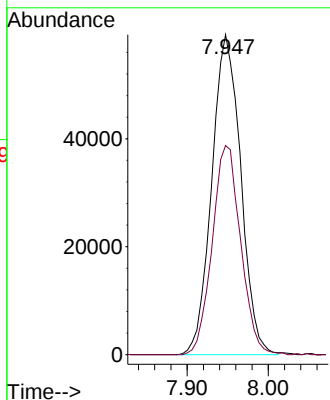
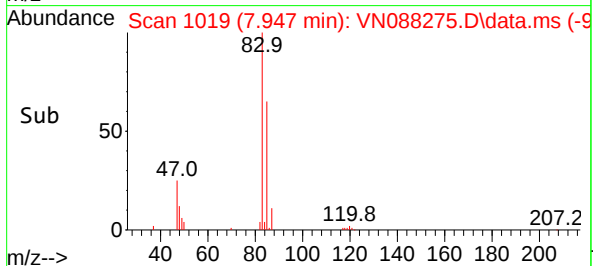
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



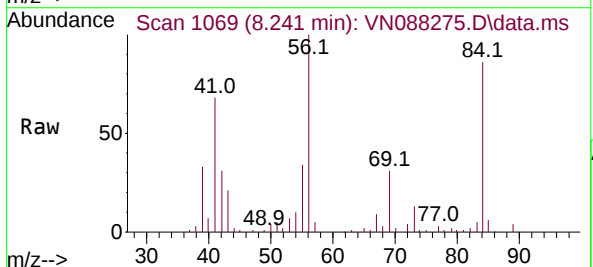
Tgt Ion: 83 Resp: 146699
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.4

Manual Integrations
APPROVED

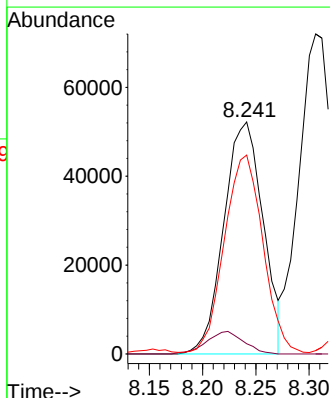
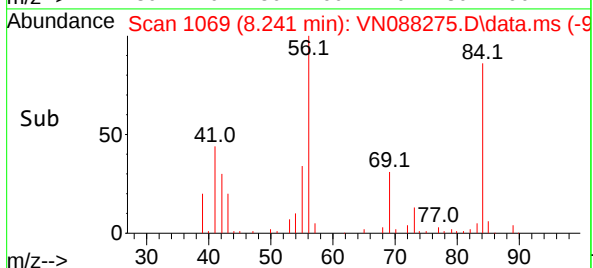
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

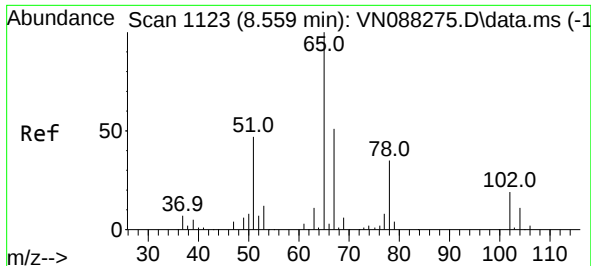


#26
Cyclohexane
Concen: 23.277 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47



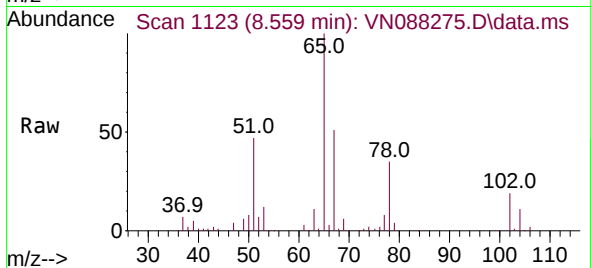
Tgt Ion: 56 Resp: 133859
Ion Ratio Lower Upper
56 100
89 9.1 7.3 10.9
84 84.8 67.8 101.8





#27
1,2-Dichloroethane-d4
Concen: 33.966 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

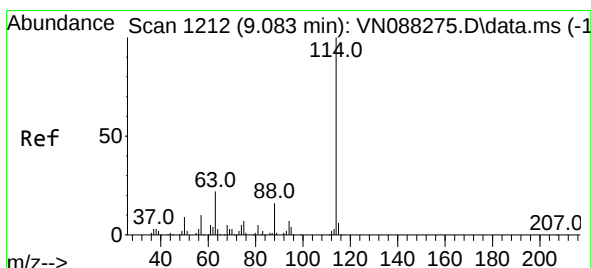
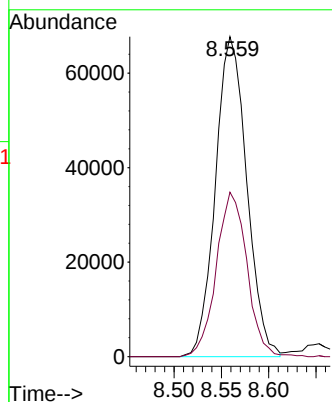
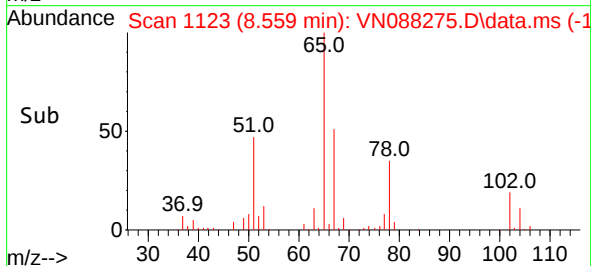
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



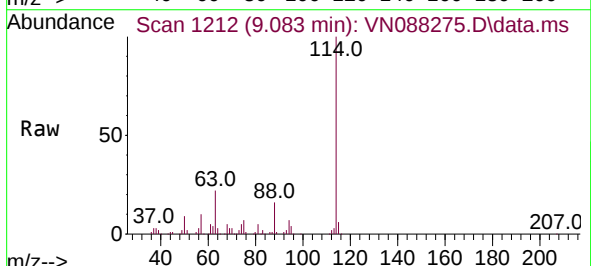
Tgt Ion: 65 Resp: 155662
Ion Ratio Lower Upper
65 100
67 50.2 40.2 60.2

Manual Integrations
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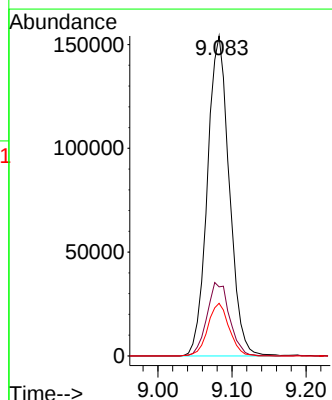
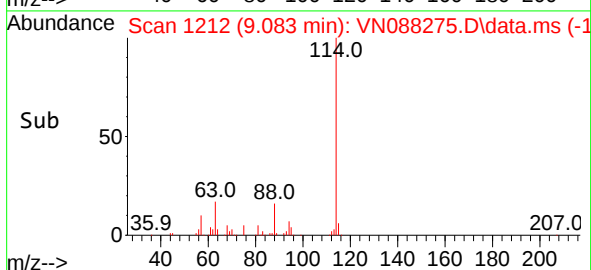
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

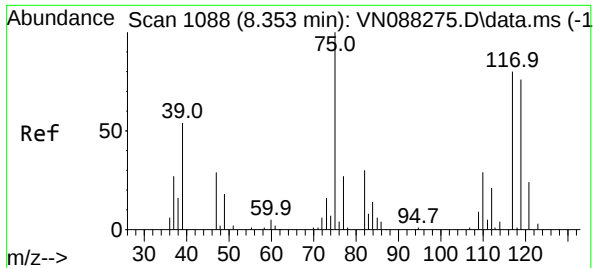


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47



Tgt Ion:114 Resp: 316009
Ion Ratio Lower Upper
114 100
63 23.6 18.9 28.3
88 16.0 12.8 19.2





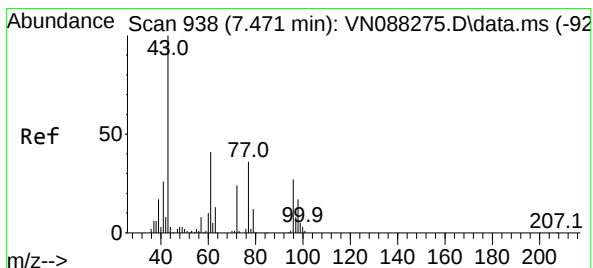
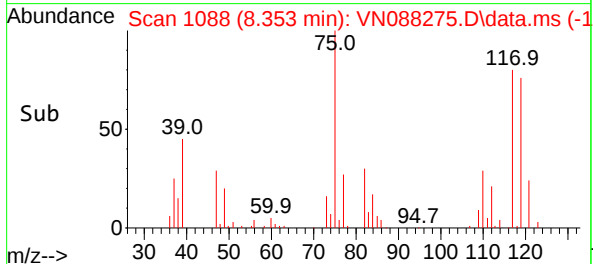
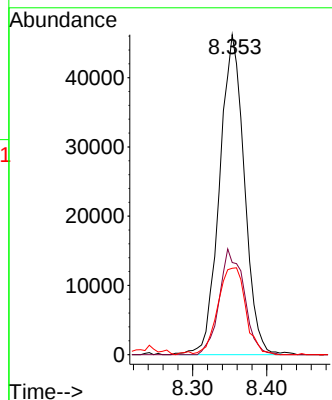
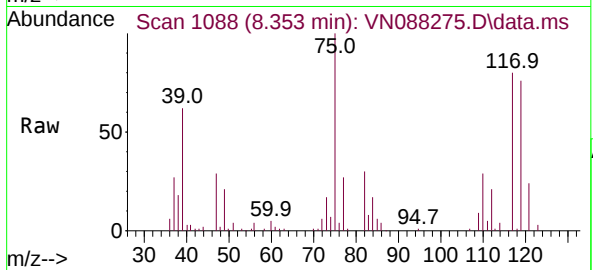
#29
1,1-Dichloropropene
Concen: 22.717 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 107093
Ion Ratio Lower Upper
75 100
110 32.8 0.0 65.6
77 30.4 0.0 60.8

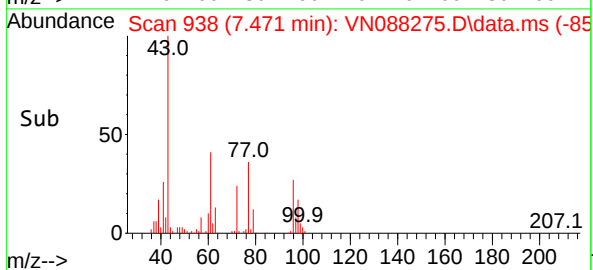
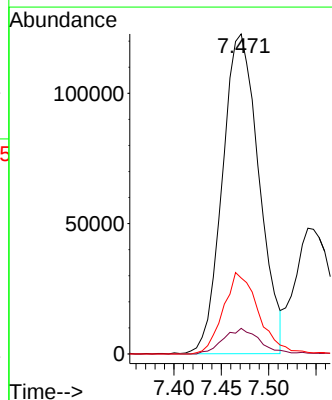
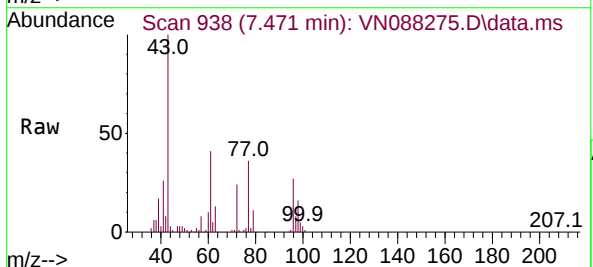
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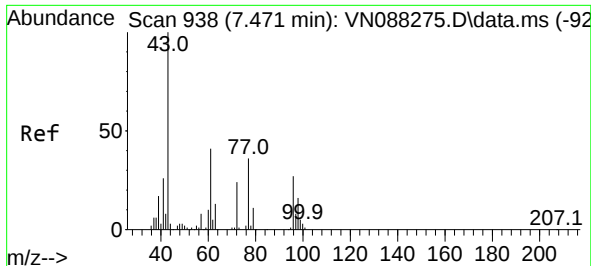
Reviewed By :John Carbone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#30
2-Butanone
Concen: 98.988 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Tgt Ion: 43 Resp: 330360
Ion Ratio Lower Upper
43 100
57 7.8 6.2 9.4
72 24.3 19.4 29.2





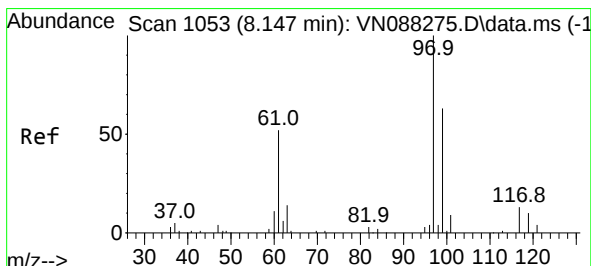
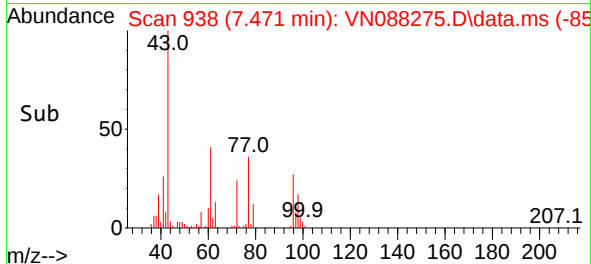
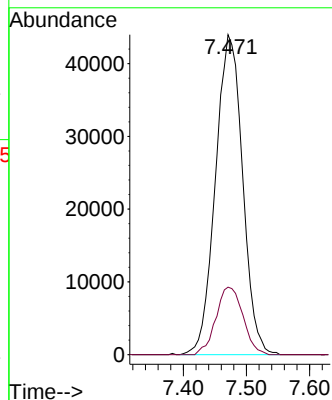
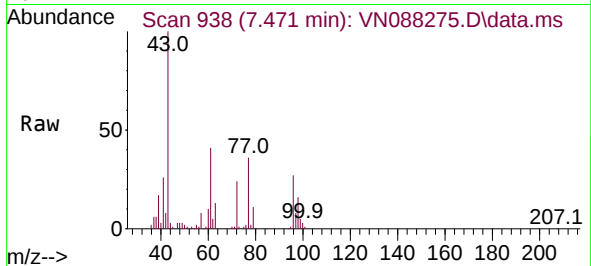
#31
2,2-Dichloropropane
Concen: 21.925 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 77 Resp: 131341
Ion Ratio Lower Upper
77 100
97 21.0 16.8 25.2

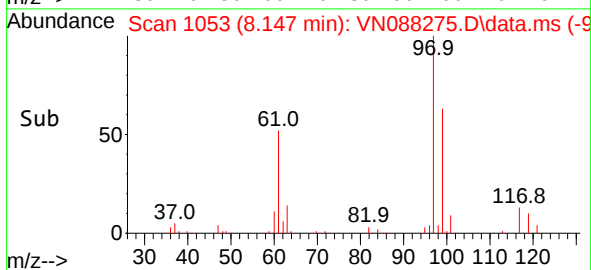
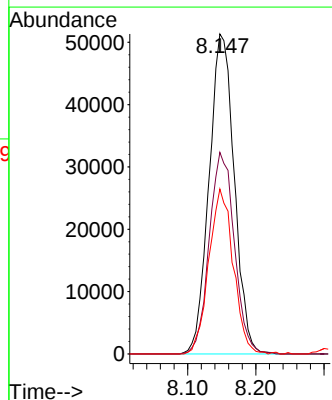
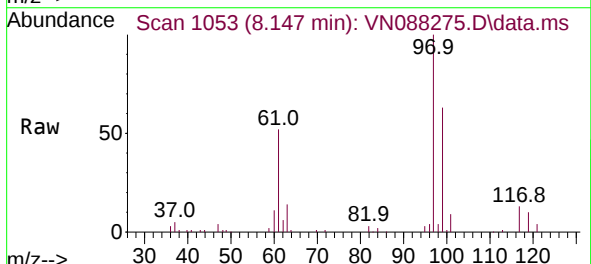
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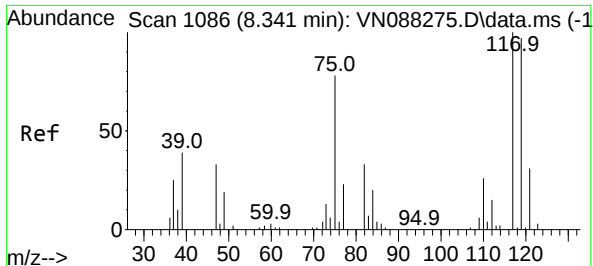
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#32
1,1,1-Trichloroethane
Concen: 22.498 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

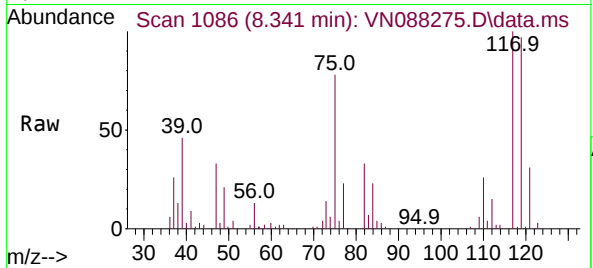
Tgt Ion: 97 Resp: 131366
Ion Ratio Lower Upper
97 100
99 62.8 50.2 75.4
61 49.8 39.8 59.8





#33
Carbon Tetrachloride
Concen: 22.765 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

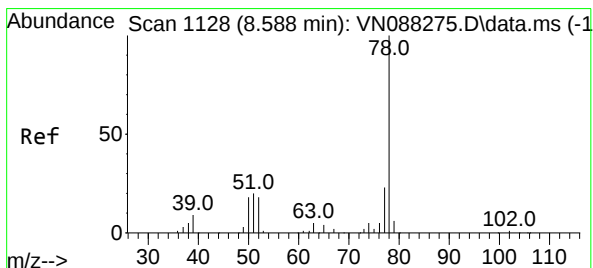
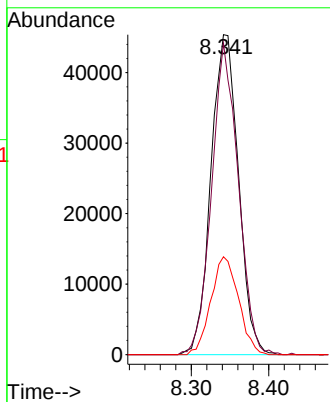
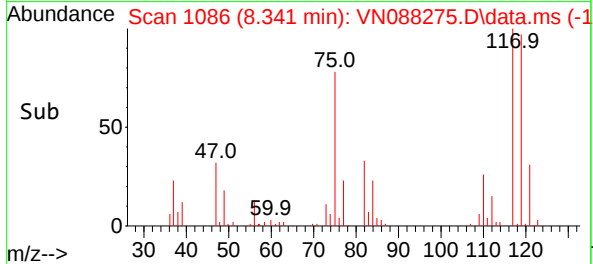
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



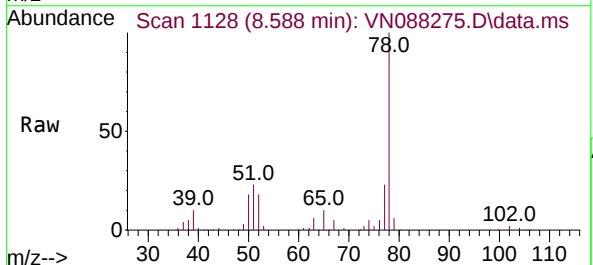
Tgt Ion:117 Resp: 112124
Ion Ratio Lower Upper
117 100
119 97.3 77.8 116.8
121 30.6 24.5 36.7

Manual Integrations
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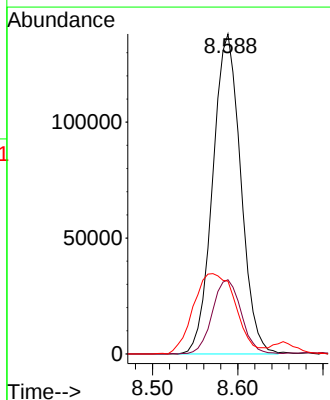
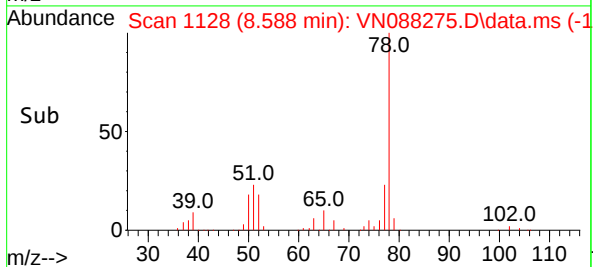
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

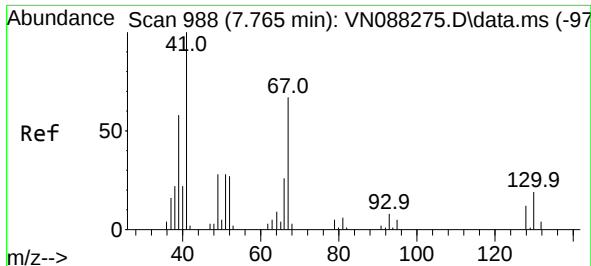


#34
Benzene
Concen: 20.690 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47



Tgt Ion: 78 Resp: 314932
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8
51 19.8 15.8 23.8





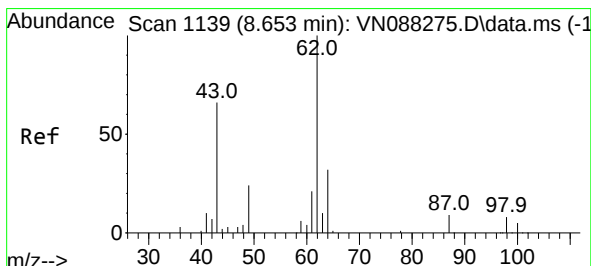
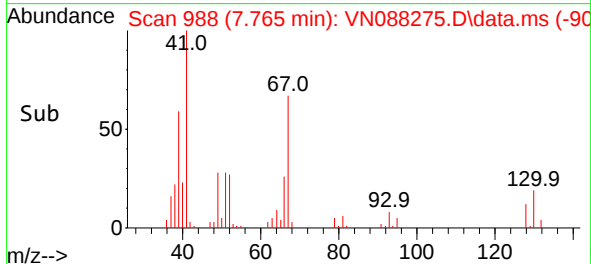
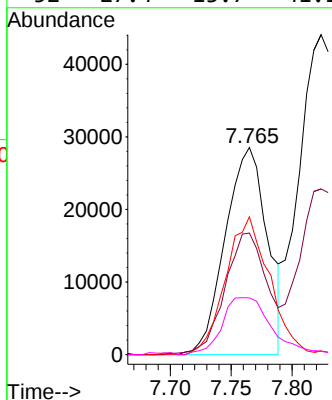
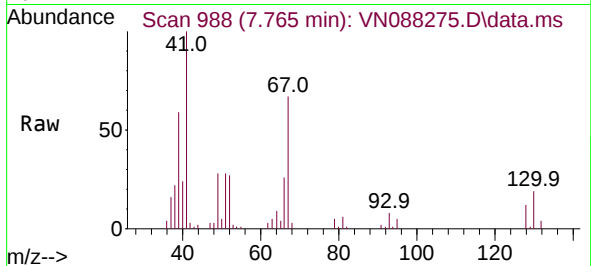
#35
Methacrylonitrile
Concen: 19.580 ug/l
RT: 7.765 min Scan# 988
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 41 Resp: 68465
Ion Ratio Lower Upper
41 100
39 58.0 29.0 87.0
67 66.6 33.3 99.9
52 27.4 13.7 41.1

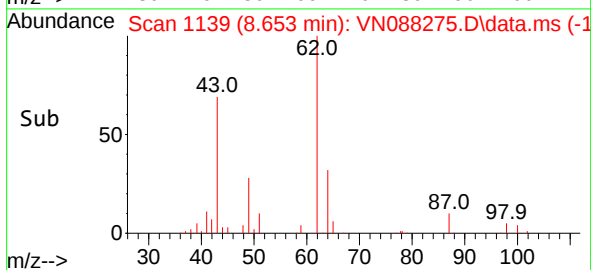
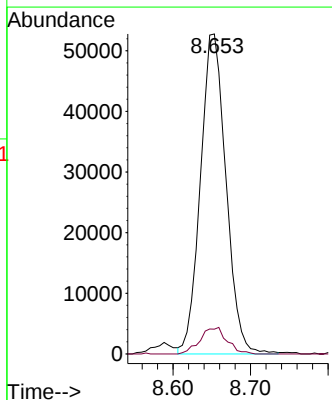
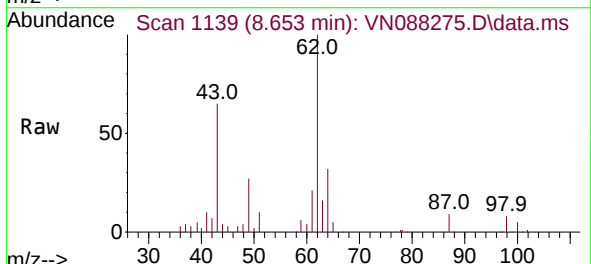
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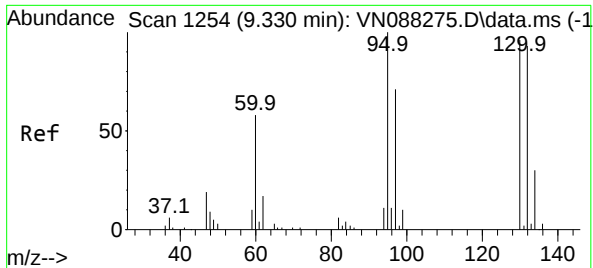
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#36
1,2-Dichloroethane
Concen: 22.449 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

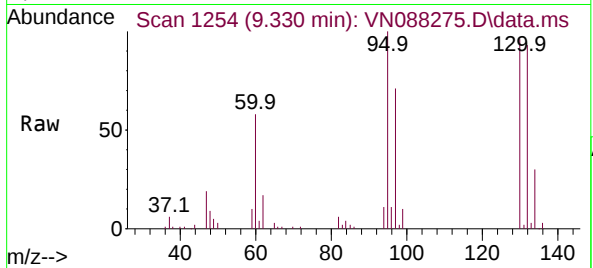
Tgt Ion: 62 Resp: 121133
Ion Ratio Lower Upper
62 100
98 8.5 6.8 10.2





#37
Trichloroethene
Concen: 20.066 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

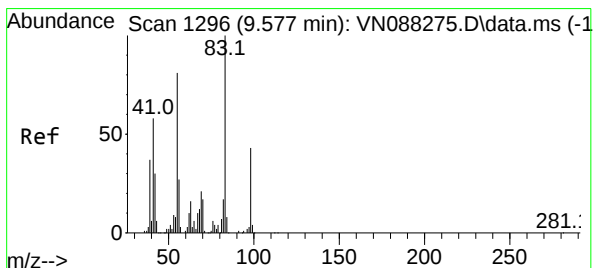
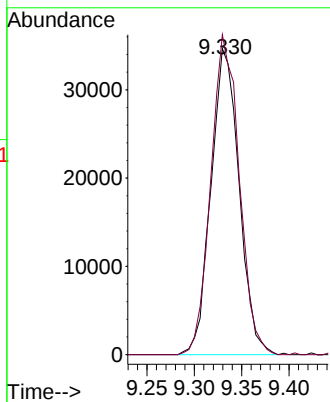
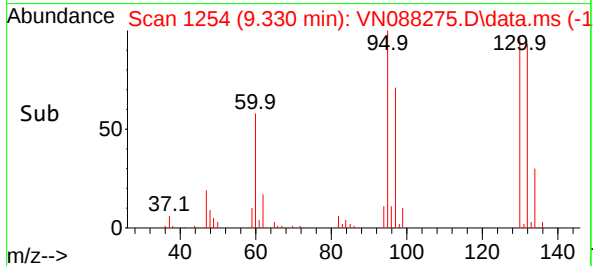
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



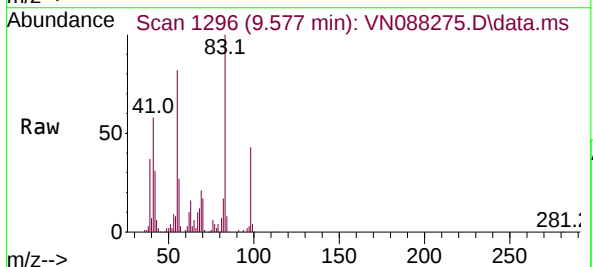
Tgt Ion:130 Resp: 71676
Ion Ratio Lower Upper
130 100
95 104.6 83.7 125.5

Manual Integrations
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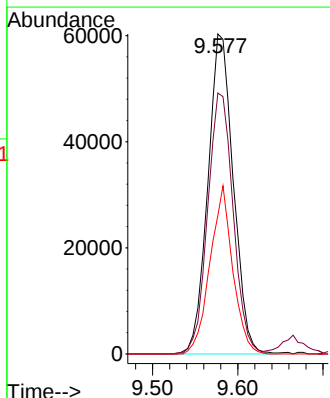
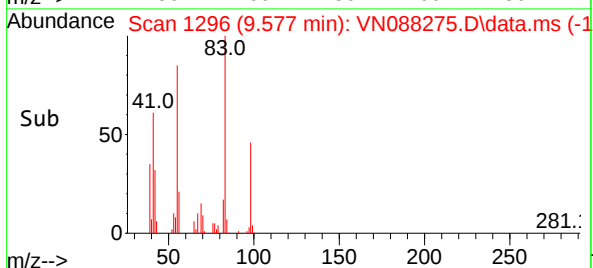
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

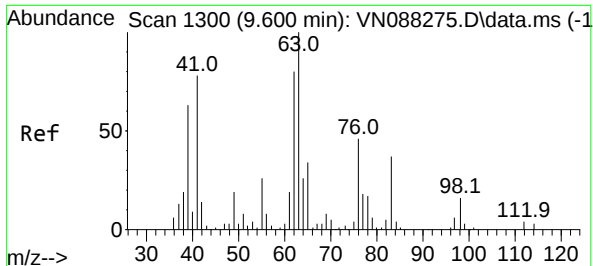


#38
Methylcyclohexane
Concen: 21.749 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47



Tgt Ion: 83 Resp: 124934
Ion Ratio Lower Upper
83 100
55 81.7 40.8 122.5
98 46.9 23.4 70.3





#39

1,2-Dichloropropane

Concen: 20.829 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088275.D

Acq: 13 Nov 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 79702

Ion Ratio Lower Upper

63 100

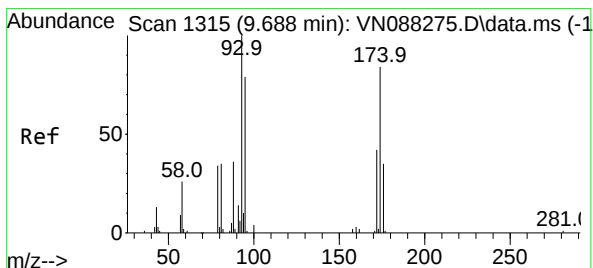
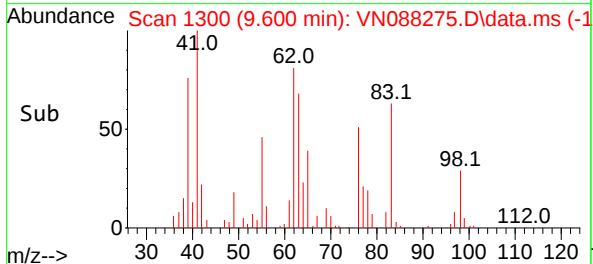
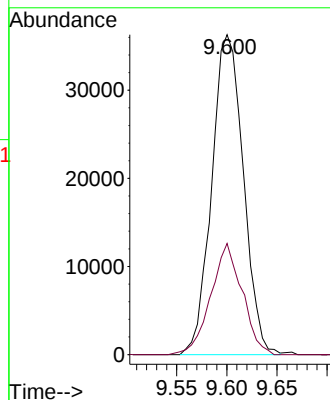
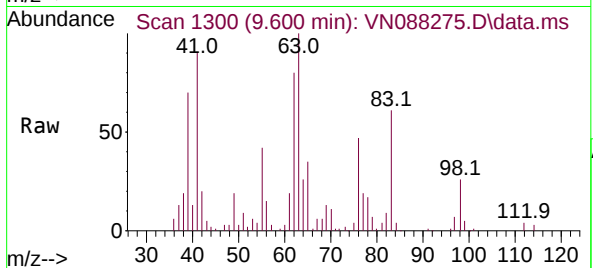
65 34.7 27.8 41.6

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Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#40

Dibromomethane

Concen: 20.946 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088275.D

Acq: 13 Nov 2025 10:47

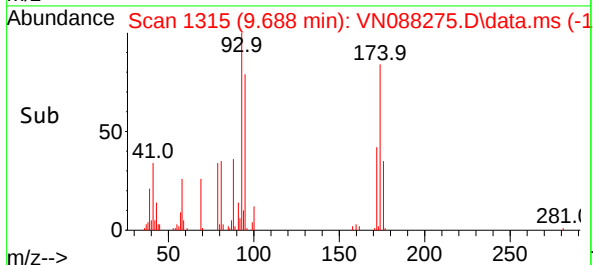
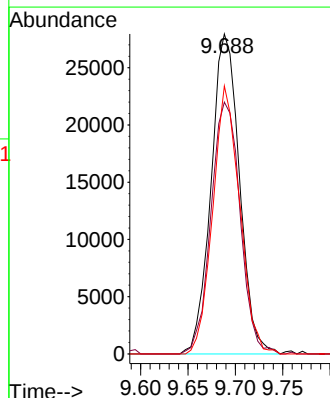
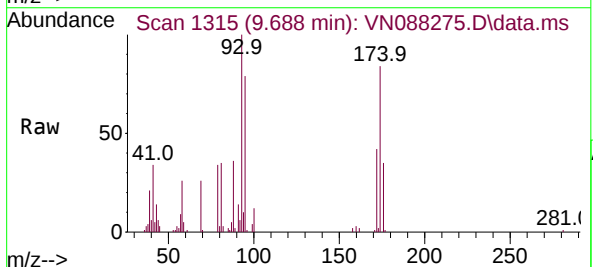
Tgt Ion: 93 Resp: 58255

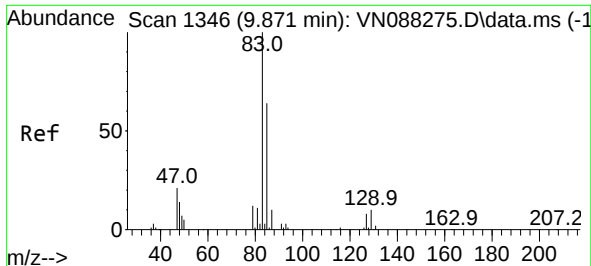
Ion Ratio Lower Upper

93 100

95 80.8 0.0 161.6

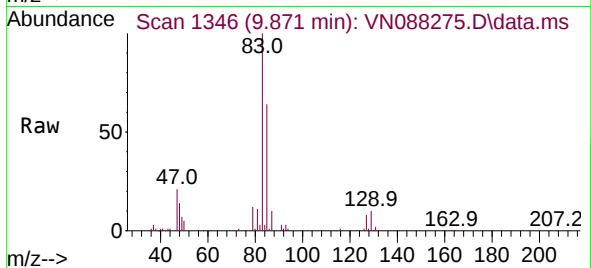
174 79.1 0.0 158.2





#41
Bromodichloromethane
Concen: 20.003 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

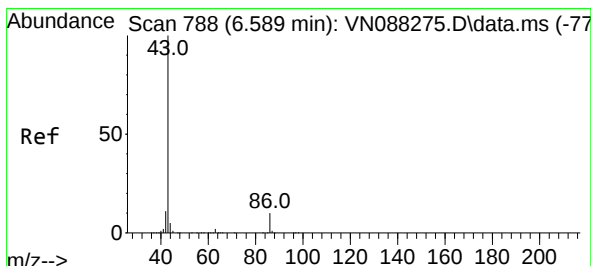
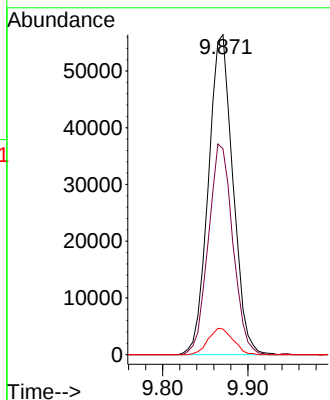
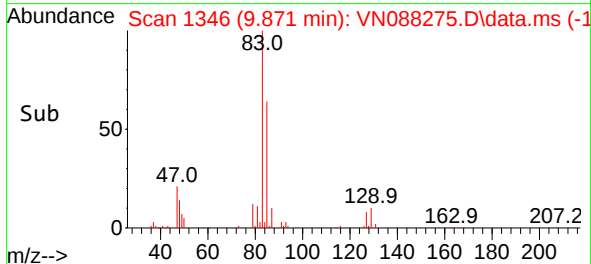
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 112790
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2
127 8.0 6.4 9.6

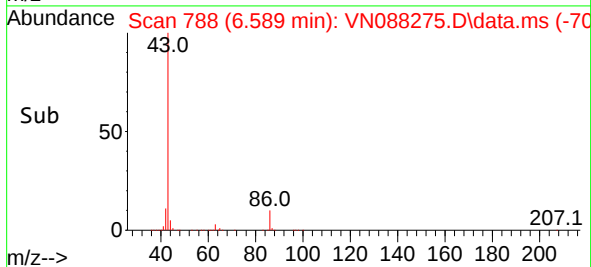
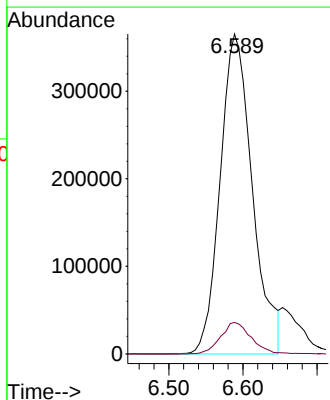
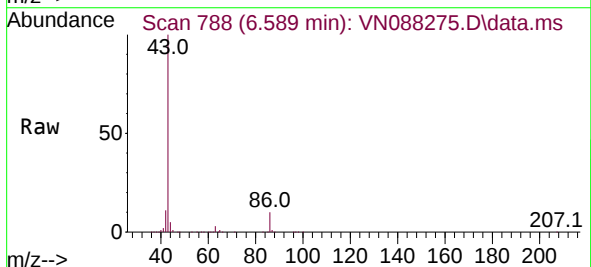
Manual Integrations
APPROVED

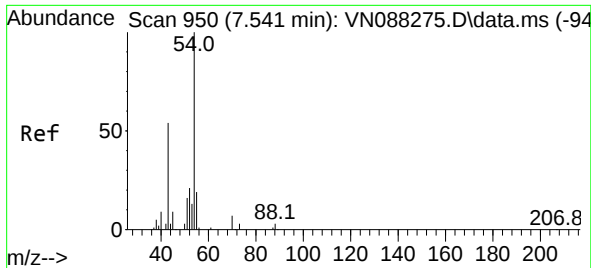
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#42
Vinyl Acetate
Concen: 96.320 ug/l
RT: 6.589 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

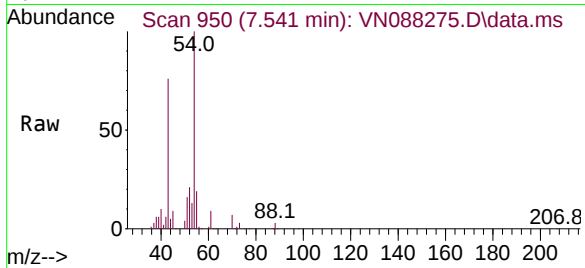
Tgt Ion: 43 Resp: 1104913
Ion Ratio Lower Upper
43 100
86 9.3 7.4 11.2





#43
Ethyl Acetate
Concen: 20.923 ug/l
RT: 7.541 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

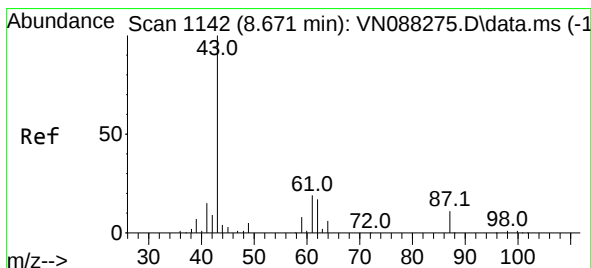
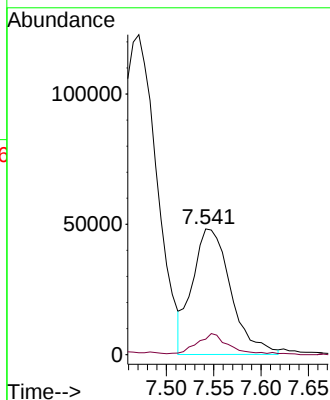
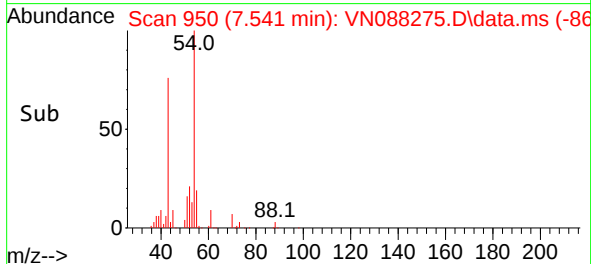
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 135974
Ion Ratio Lower Upper
43 100
45 12.4 9.9 14.9

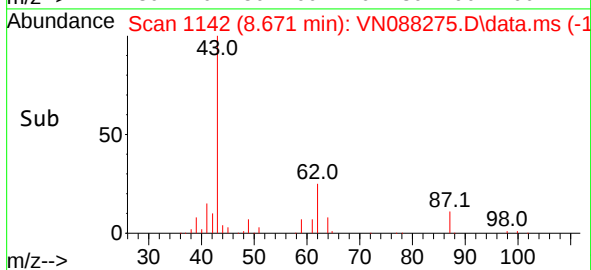
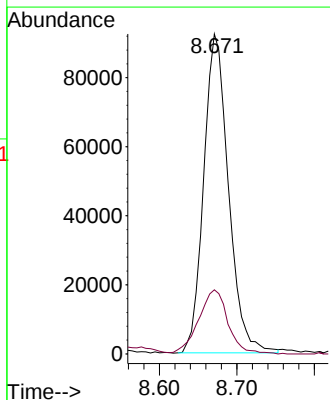
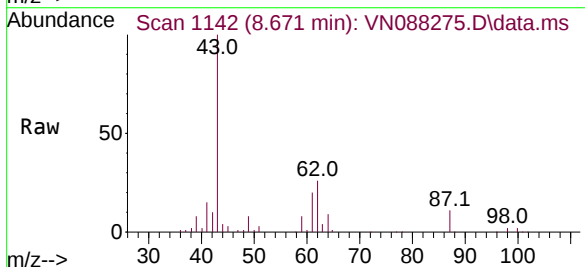
Manual Integrations
APPROVED

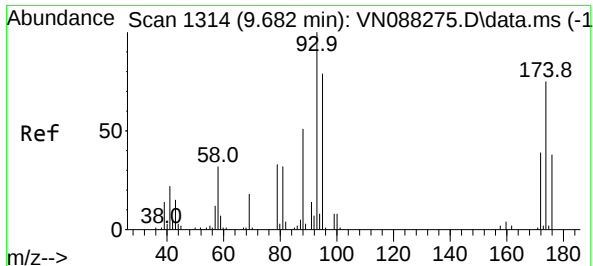
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#44
Isopropyl Acetate
Concen: 19.593 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Tgt Ion: 43 Resp: 205400
Ion Ratio Lower Upper
43 100
61 23.8 19.0 28.6





#45

1,4-Dioxane

Concen: 388.772 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN088275.D

Acq: 13 Nov 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 88 Resp: 26417

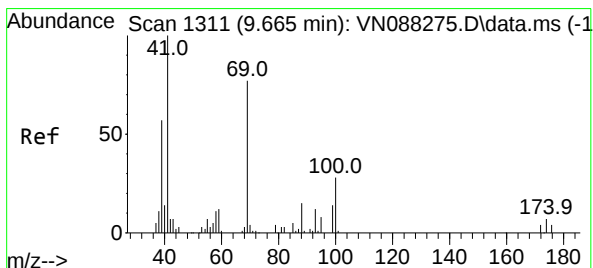
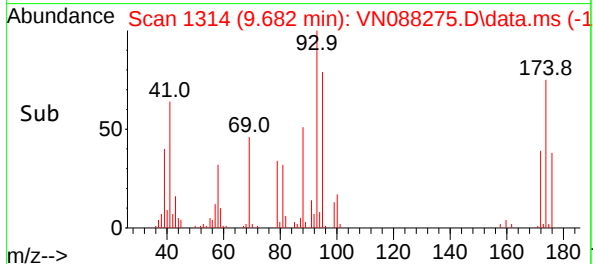
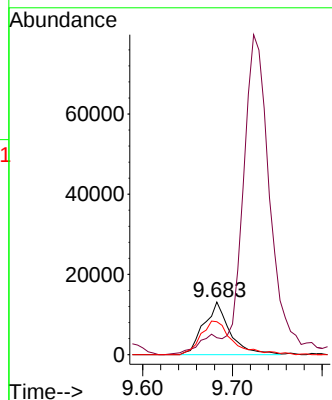
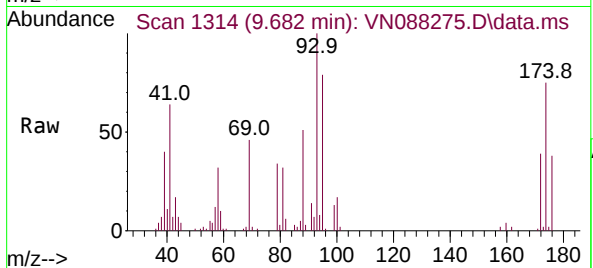
Ion	Ratio	Lower	Upper
88	100		
43	34.8	27.8	41.8
58	74.4	59.5	89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#46

Methyl methacrylate

Concen: 19.858 ug/l

RT: 9.665 min Scan# 1311

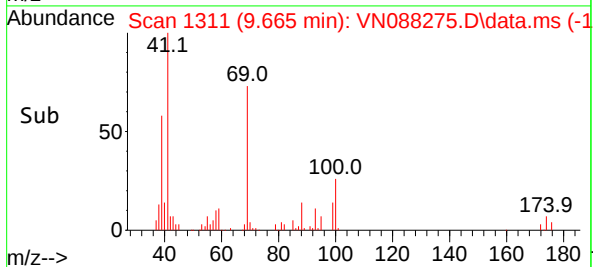
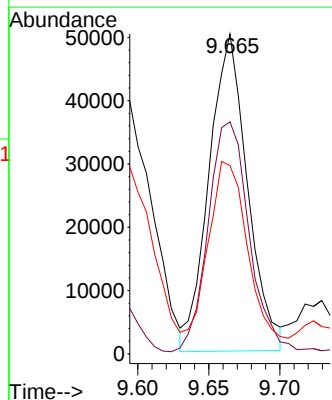
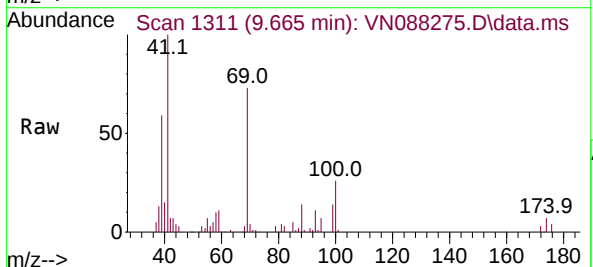
Delta R.T. 0.000 min

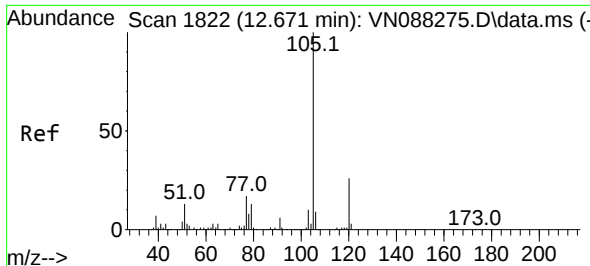
Lab File: VN088275.D

Acq: 13 Nov 2025 10:47

Tgt Ion: 41 Resp: 94347

Ion	Ratio	Lower	Upper
41	100		
69	76.9	38.5	115.3
39	58.1	29.0	87.1





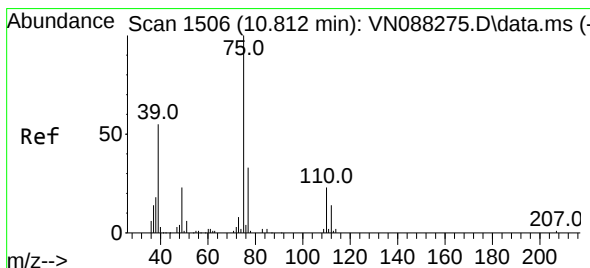
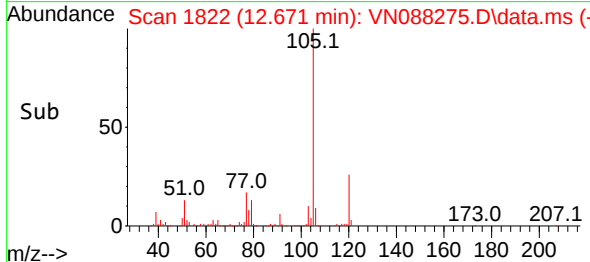
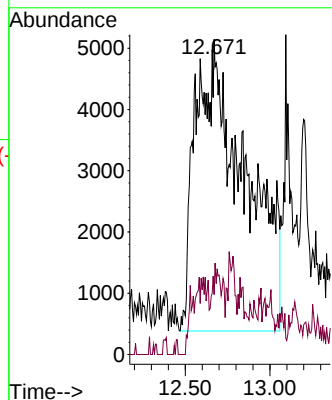
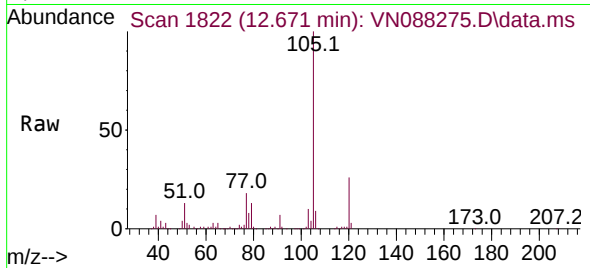
#47
n-amy1 Acetate
Concen: 19.466 ug/l m
RT: 12.671 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 43 Resp: 96079
Ion Ratio Lower Upper
43 100
55 0.3 0.0 0.0

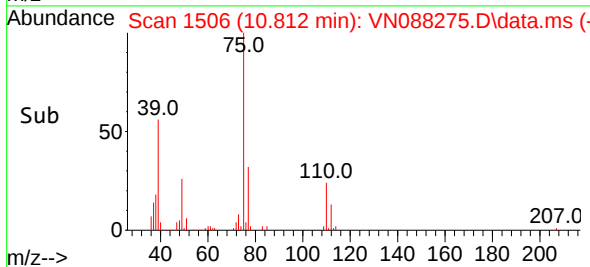
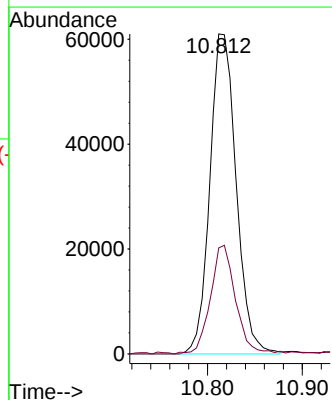
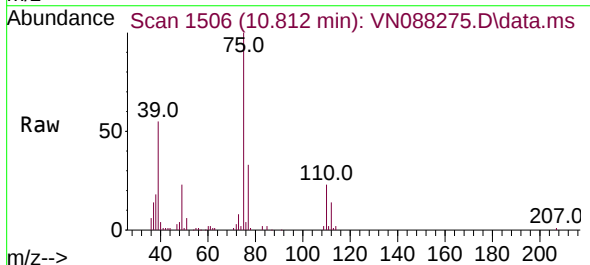
Manual Integrations
APPROVED

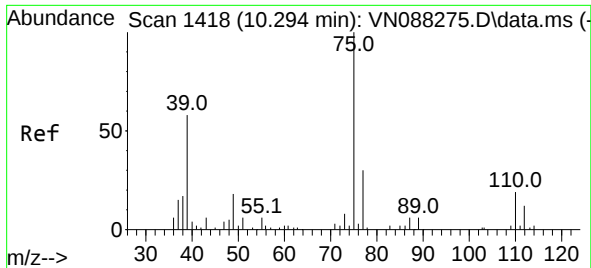
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#48
t-1,3-Dichloropropene
Concen: 18.989 ug/l
RT: 10.812 min Scan# 1506
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

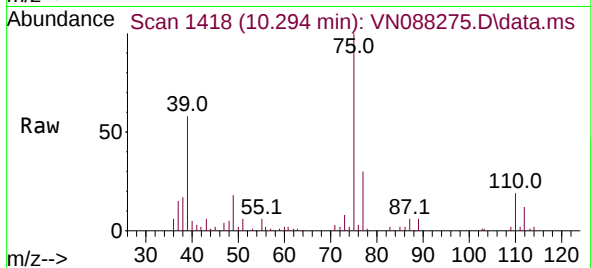
Tgt Ion: 75 Resp: 117823
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 19.738 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VN088275.D
 Acq: 13 Nov 2025 10:47

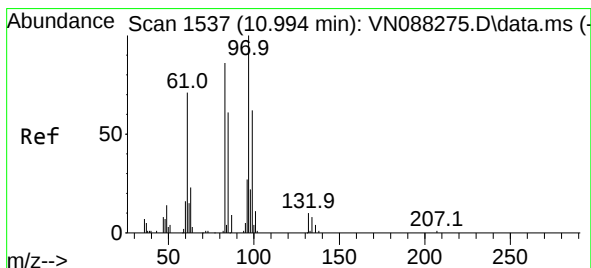
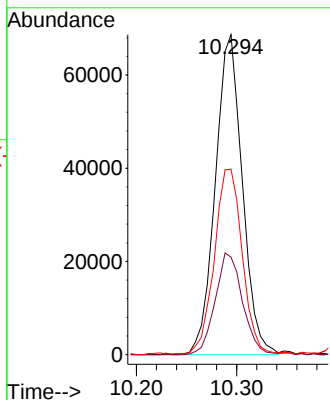
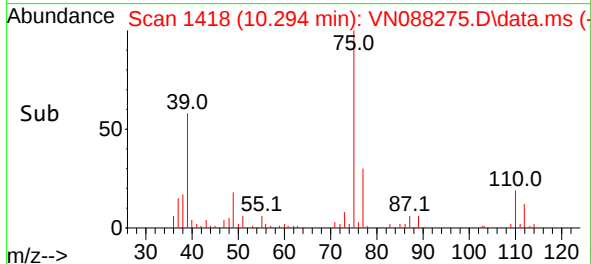
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020



Tgt Ion: 75 Resp: 128462
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.4 36.6
 39 57.6 46.1 69.1

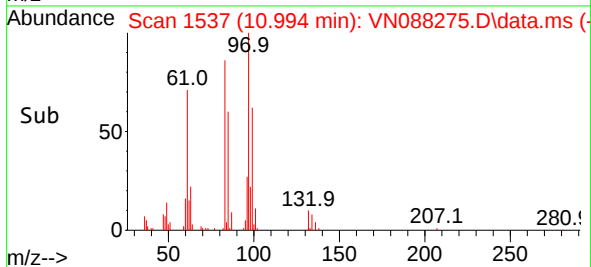
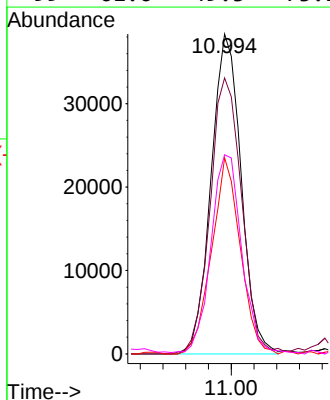
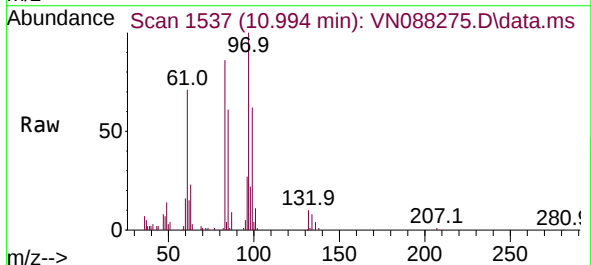
Manual Integrations
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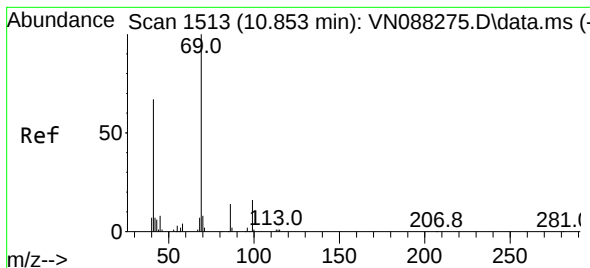
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.404 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: VN088275.D
 Acq: 13 Nov 2025 10:47

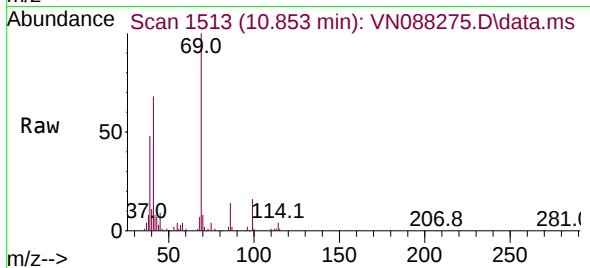
Tgt Ion: 97 Resp: 70272
 Ion Ratio Lower Upper
 97 100
 83 85.7 68.6 102.8
 85 61.3 49.0 73.6
 99 61.6 49.3 73.9





#51
Ethyl methacrylate
Concen: 18.093 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

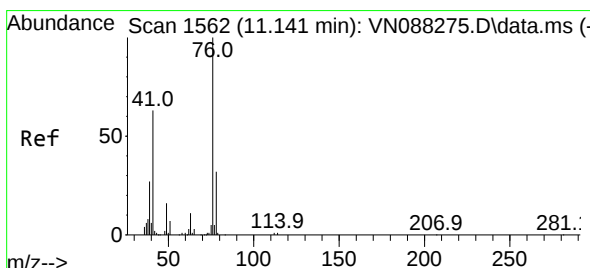
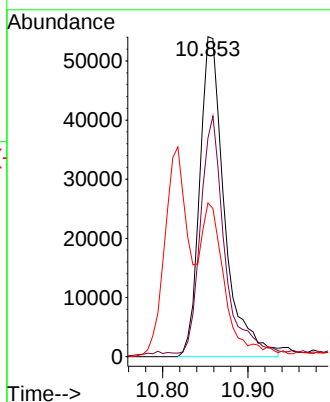
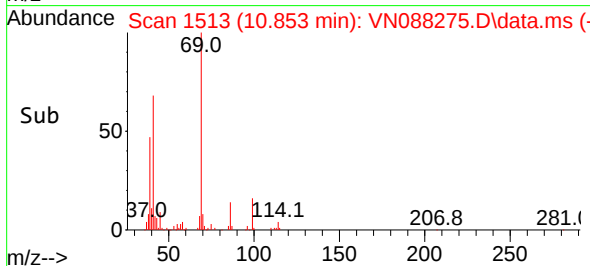
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 69 Resp: 11052
Ion Ratio Lower Upper
69 100
41 67.2 33.6 100.8
39 46.8 23.4 70.2

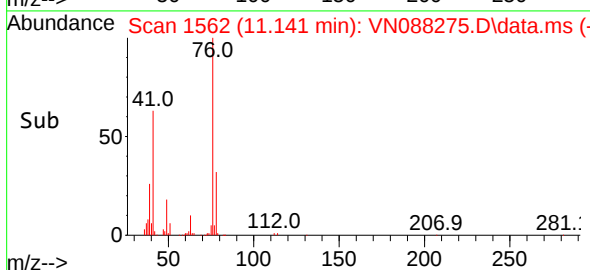
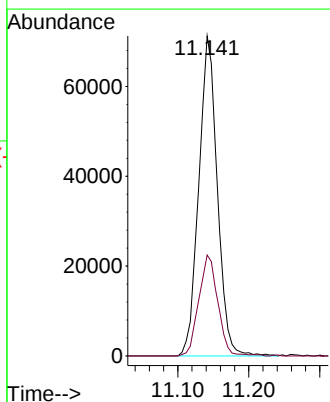
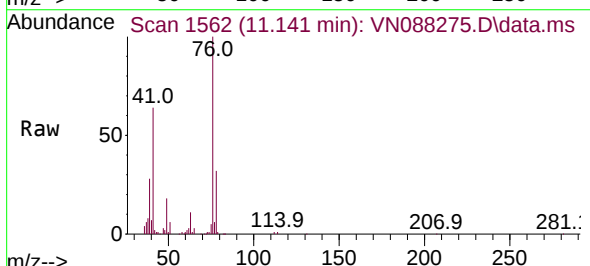
Manual Integrations
APPROVED

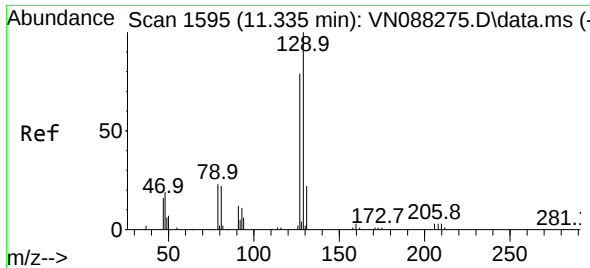
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#52
1,3-Dichloropropane
Concen: 20.209 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Tgt Ion: 76 Resp: 128846
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.2





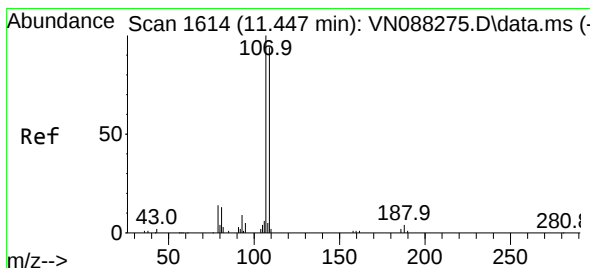
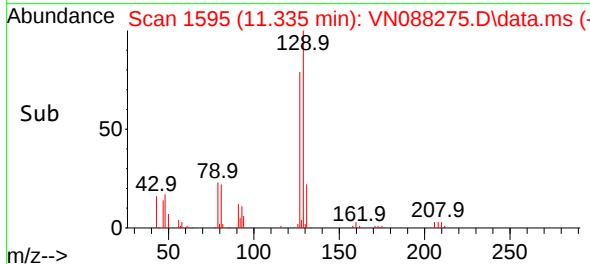
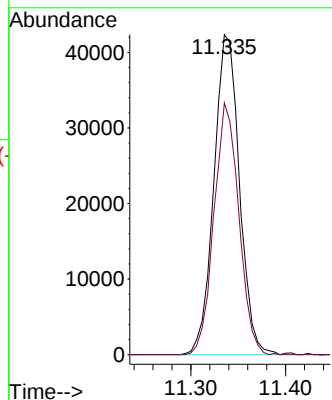
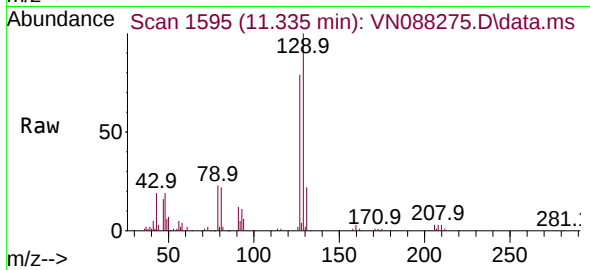
#53
Dibromochloromethane
Concen: 18.494 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:129 Resp: 79410
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6

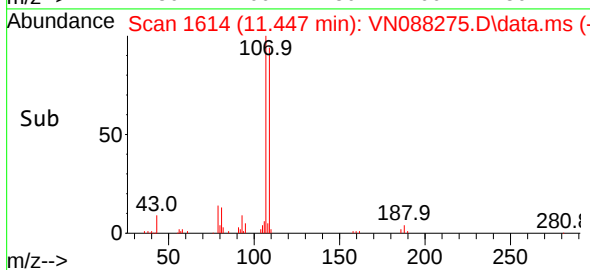
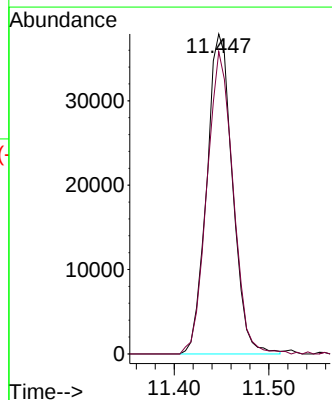
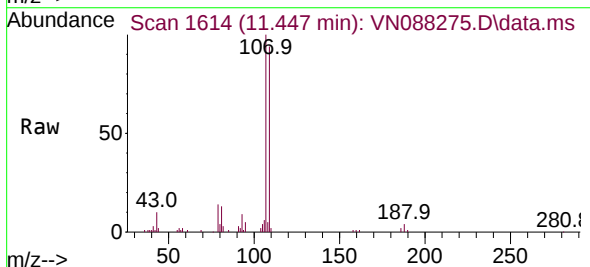
Manual Integrations
APPROVED

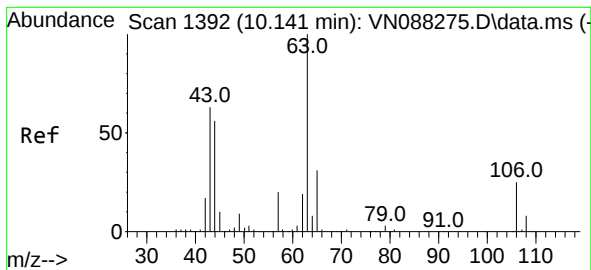
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#54
1,2-Dibromoethane
Concen: 18.708 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Tgt Ion:107 Resp: 71949
Ion Ratio Lower Upper
107 100
109 95.8 76.6 115.0





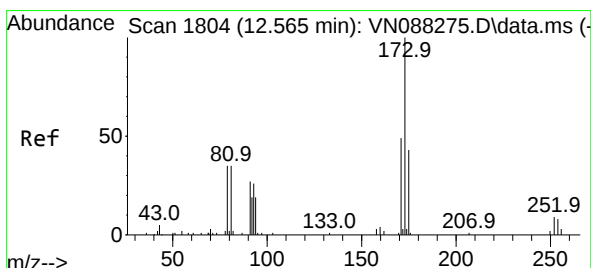
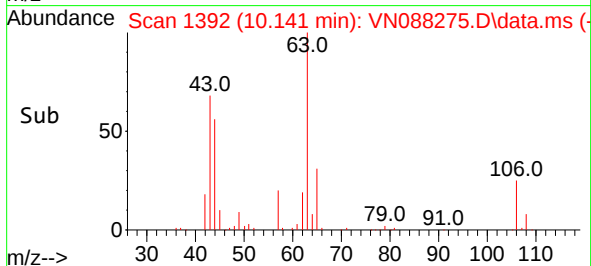
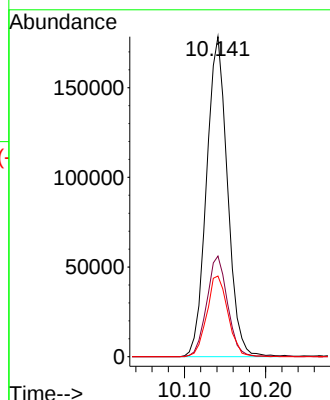
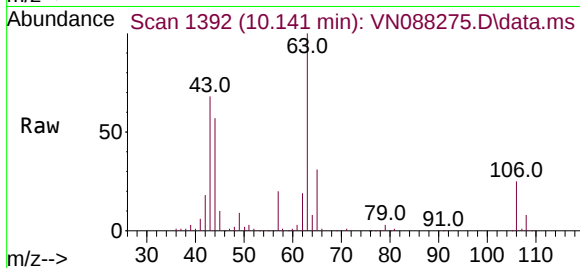
#55
2-Chloroethyl vinyl ether
Concen: 97.447 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 63 Resp: 320128
Ion Ratio Lower Upper
63 100
65 31.1 24.9 37.3
106 25.4 20.3 30.5

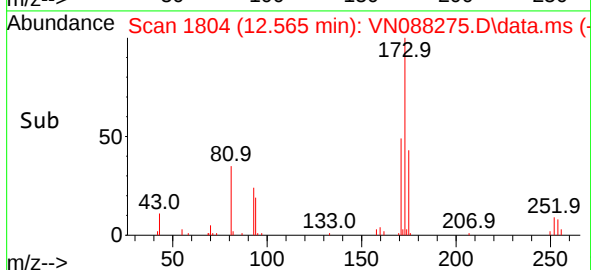
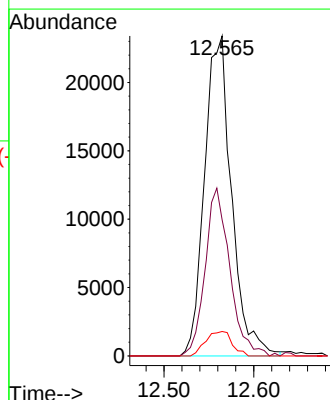
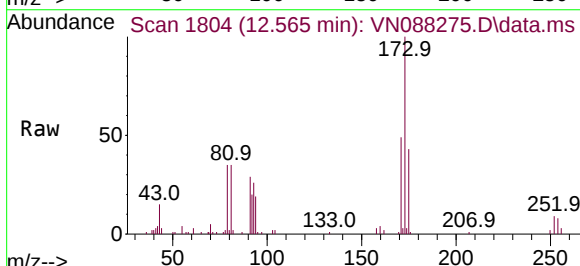
Manual Integrations
APPROVED

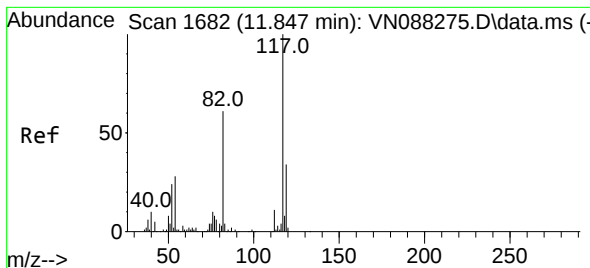
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#56
Bromoform
Concen: 17.127 ug/l
RT: 12.565 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

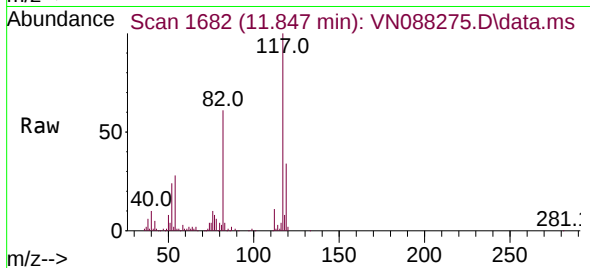
Tgt Ion:173 Resp: 49101
Ion Ratio Lower Upper
173 100
175 47.1 37.7 56.5
254 7.4 5.9 8.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

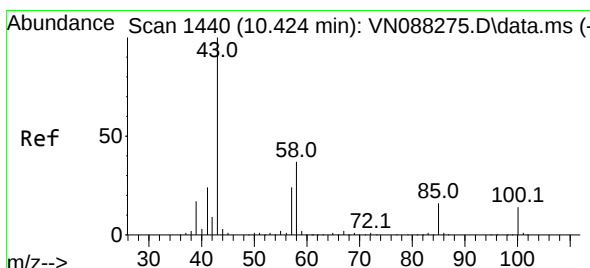
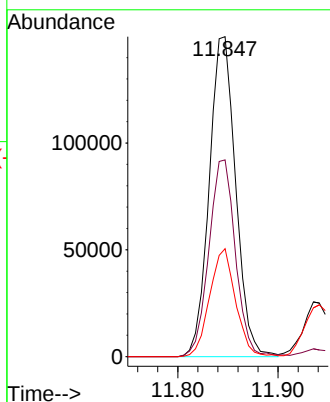
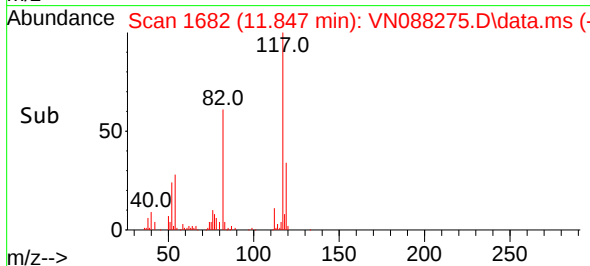
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:117 Resp: 274966
Ion Ratio Lower Upper
117 100
82 61.6 49.3 73.9
119 33.0 26.4 39.6

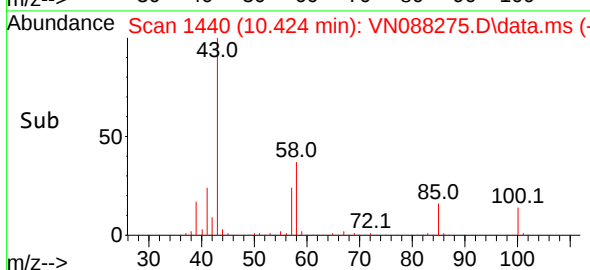
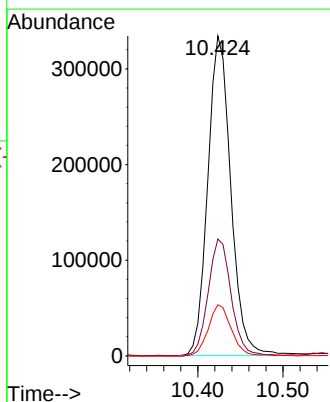
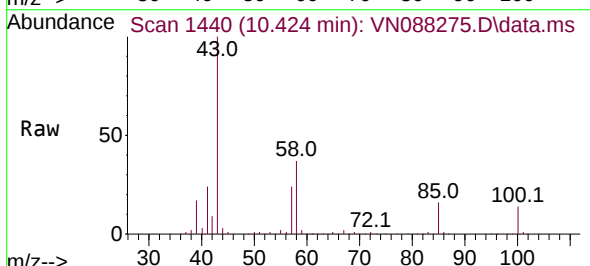
Manual Integrations
APPROVED

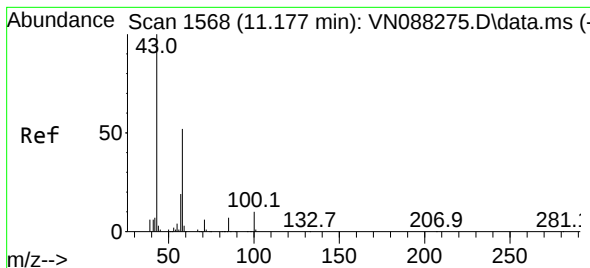
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#58
4-Methyl-2-Pentanone
Concen: 101.601 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

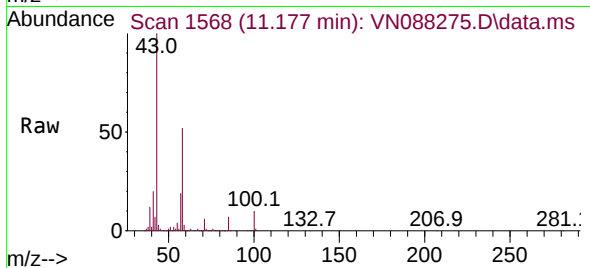
Tgt Ion: 43 Resp: 627464
Ion Ratio Lower Upper
43 100
58 36.5 29.2 43.8
85 15.8 12.6 19.0





#59
2-Hexanone
Concen: 98.468 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

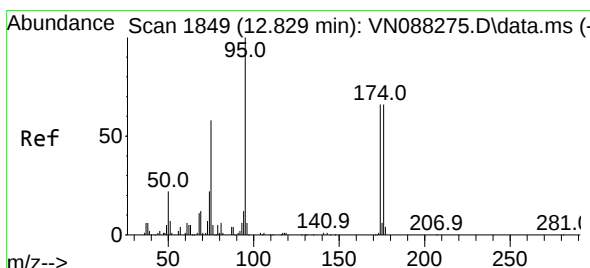
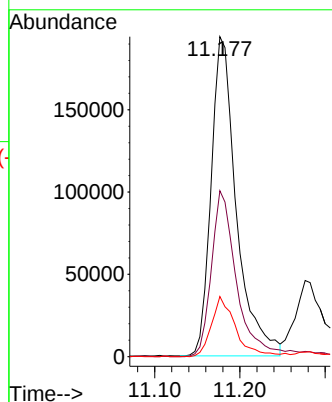
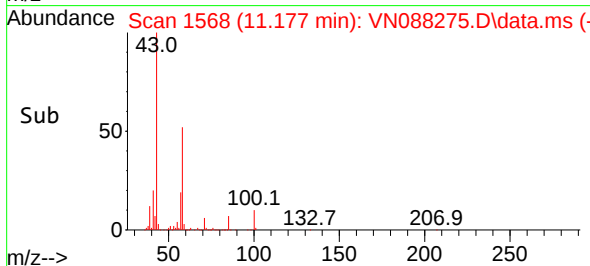
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 43 Resp: 399715
Ion Ratio Lower Upper
43 100
58 51.2 41.0 61.4
57 18.0 14.4 21.6

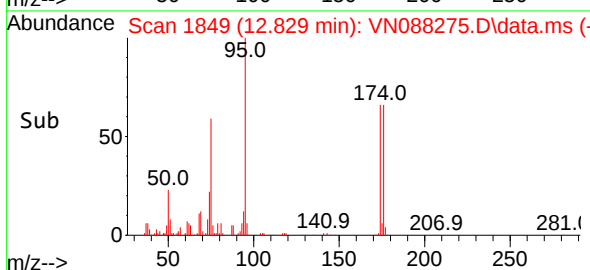
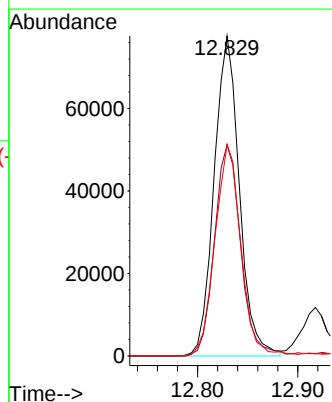
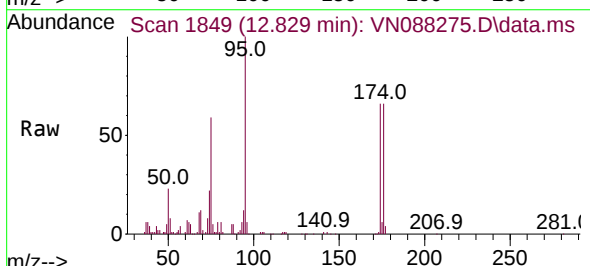
Manual Integrations
APPROVED

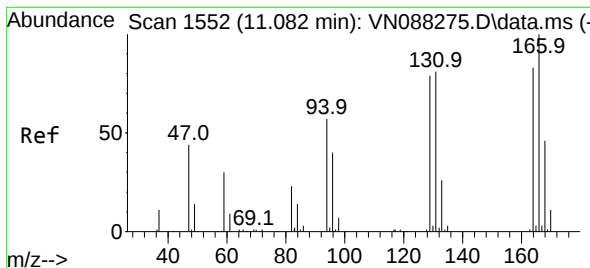
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#60
4-Bromofluorobenzene
Concen: 30.014 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

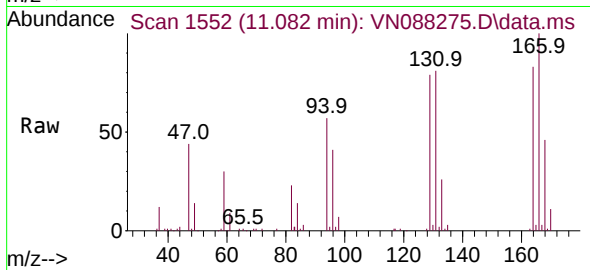
Tgt Ion: 95 Resp: 135914
Ion Ratio Lower Upper
95 100
174 68.1 54.5 81.7
176 67.2 53.8 80.6





#61
Tetrachloroethene
Concen: 21.314 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

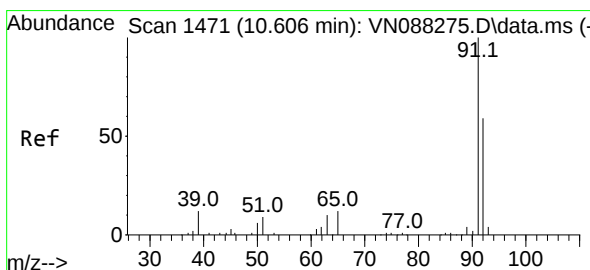
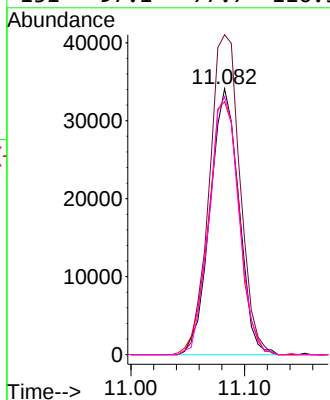
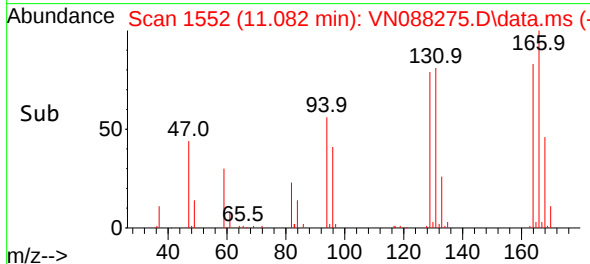
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



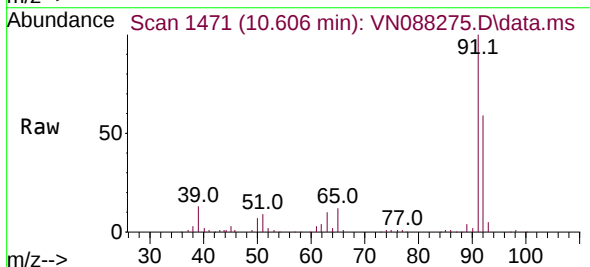
Tgt Ion:164 Resp: 60224
Ion Ratio Lower Upper
164 100
166 120.4 96.3 144.5
129 95.2 76.2 114.2
131 97.1 77.7 116.5

Manual Integrations
APPROVED

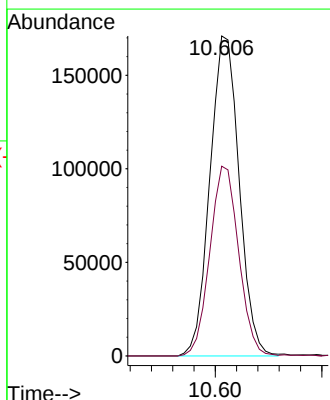
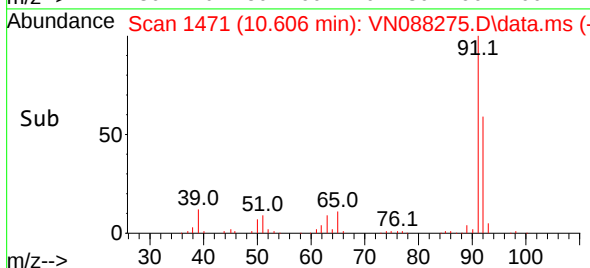
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

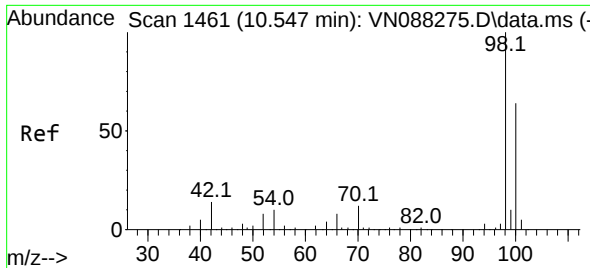


#62
Toluene
Concen: 20.699 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47



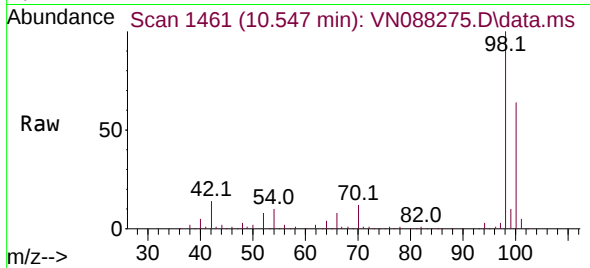
Tgt Ion: 91 Resp: 325793
Ion Ratio Lower Upper
91 100
92 58.4 46.7 70.1





#63
Toluene-d8
Concen: 32.118 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

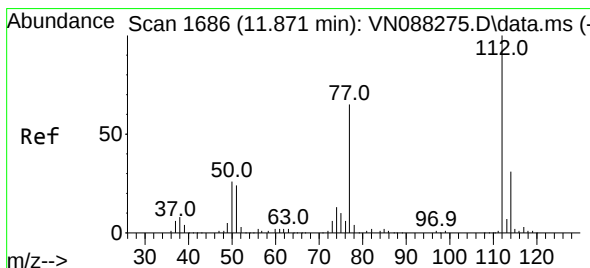
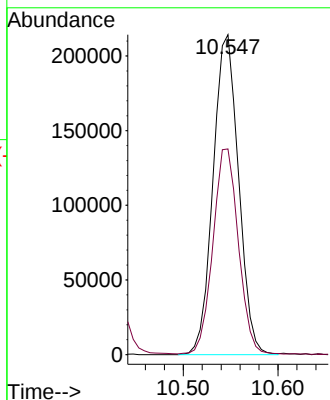
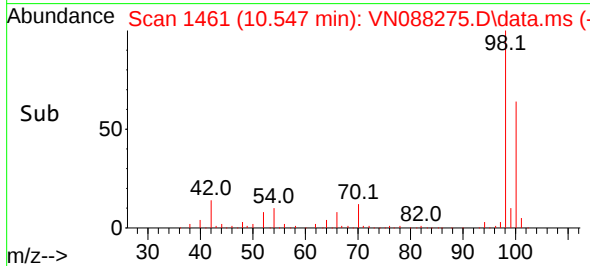
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



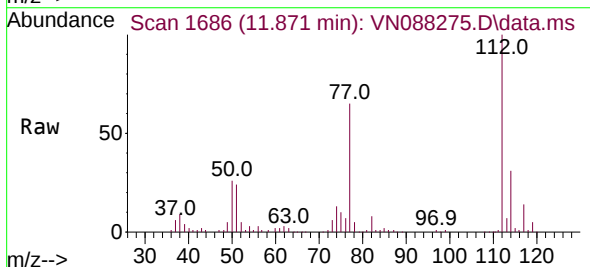
Tgt Ion: 98 Resp: 400066
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

Manual Integrations
APPROVED

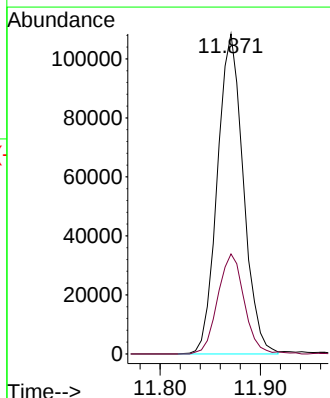
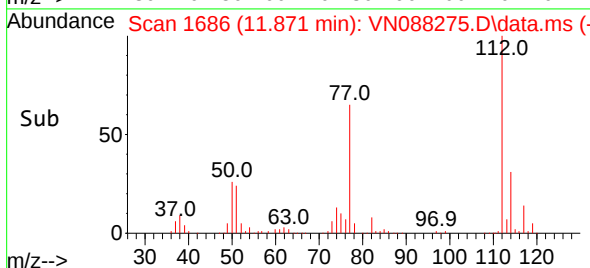
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

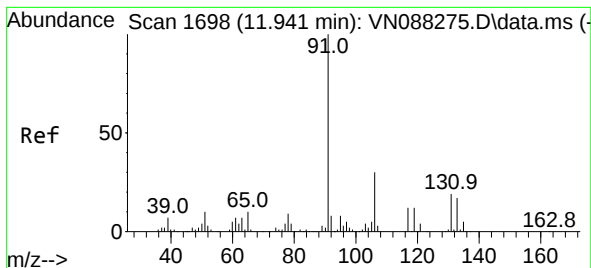


#64
Chlorobenzene
Concen: 19.673 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47



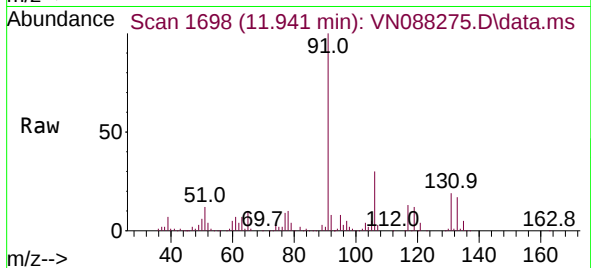
Tgt Ion:112 Resp: 195311
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4





#65
1,1,1,2-Tetrachloroethane
Concen: 19.855 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

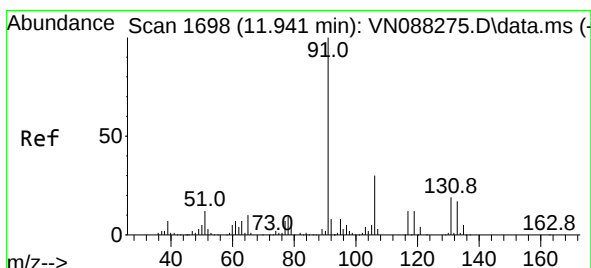
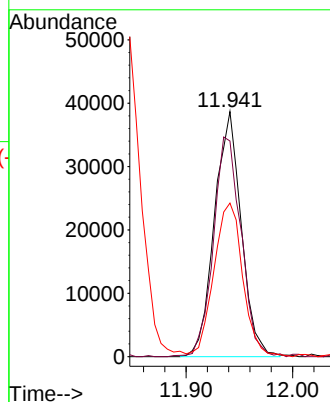
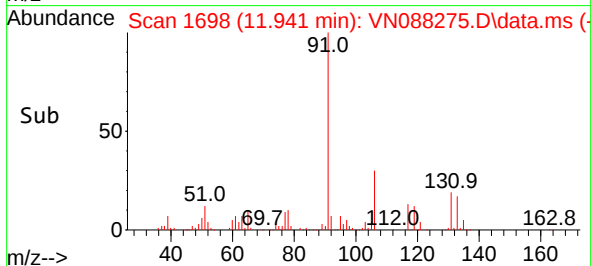
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:131 Resp: 67699
Ion Ratio Lower Upper
131 100
133 90.7 0.0 181.4
119 67.5 0.0 135.0

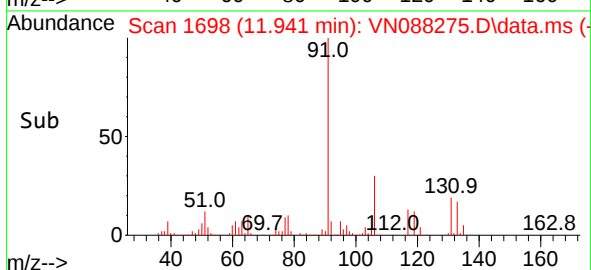
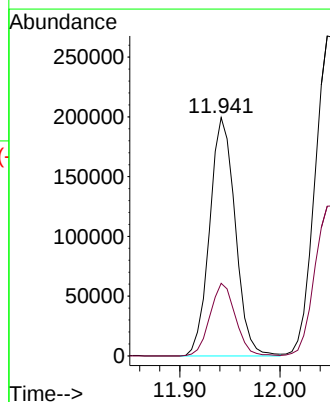
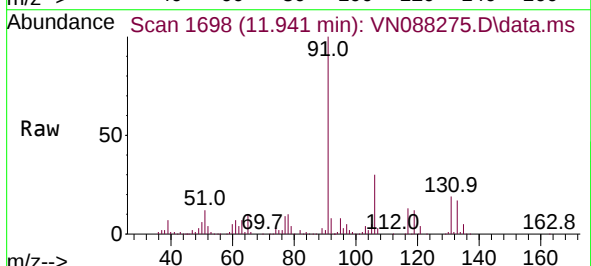
Manual Integrations
APPROVED

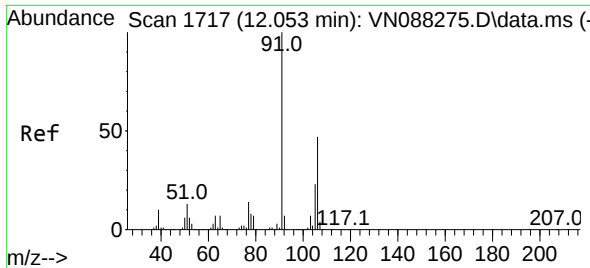
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#66
Ethyl Benzene
Concen: 20.628 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

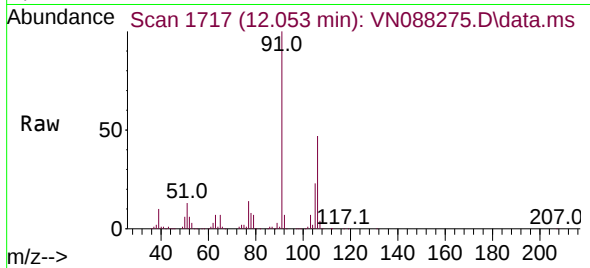
Tgt Ion: 91 Resp: 353168
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6





#67
m/p-Xylenes
Concen: 40.436 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

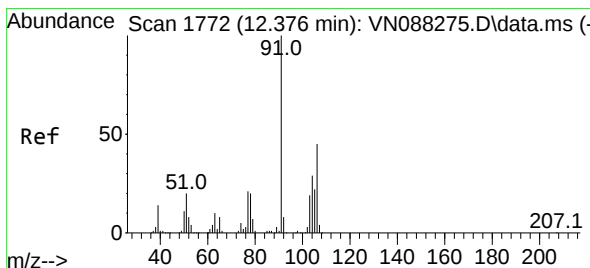
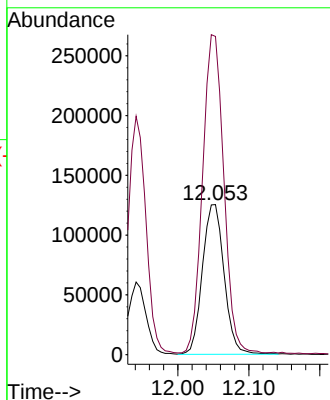
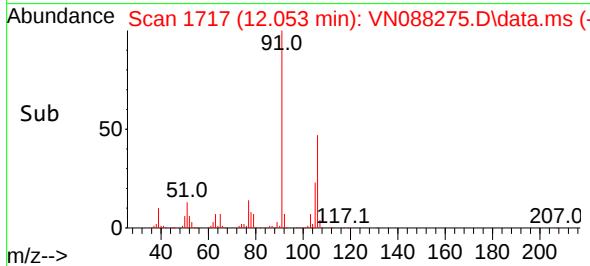
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



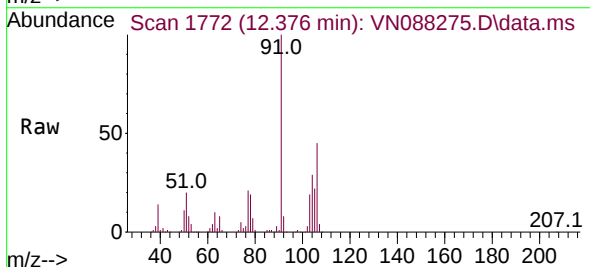
Tgt Ion:106 Resp: 265069
Ion Ratio Lower Upper
106 100
91 210.4 168.3 252.5

Manual Integrations
APPROVED

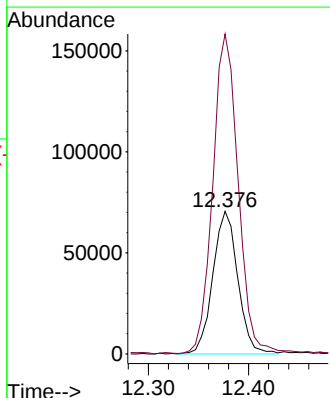
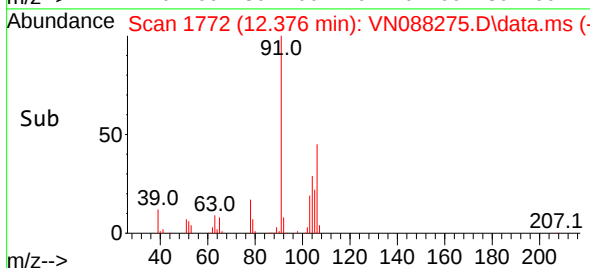
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

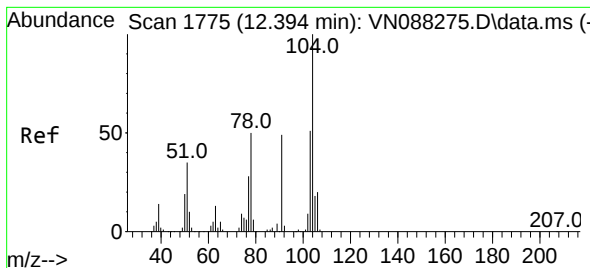


#68
o-Xylene
Concen: 18.975 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47



Tgt Ion:106 Resp: 121940
Ion Ratio Lower Upper
106 100
91 228.0 114.0 342.0





#69

Styrene

Concen: 19.012 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN088275.D

Acq: 13 Nov 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

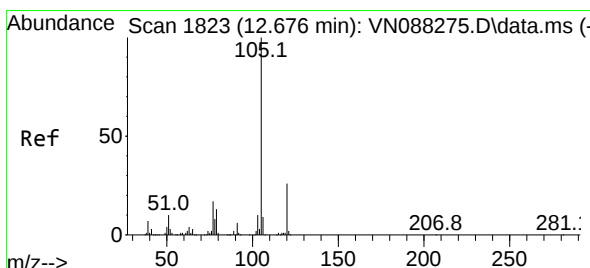
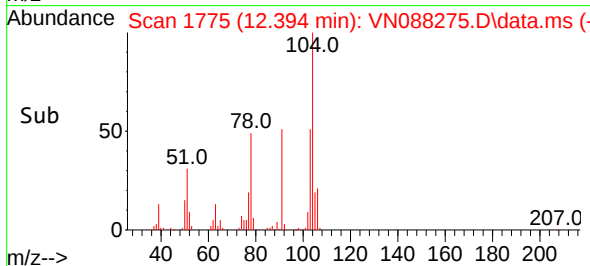
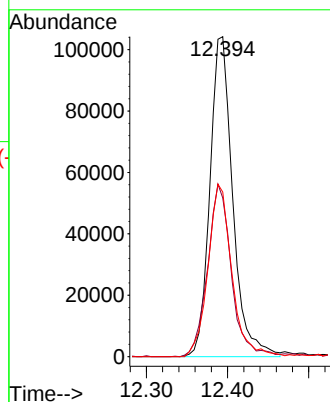
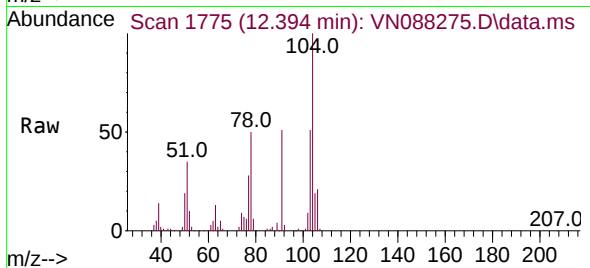
Tgt Ion:104	Resp: 204002
Ion Ratio	Lower Upper
104 100	
78 54.8	43.8 65.8
103 56.0	44.8 67.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#70

Isopropylbenzene

Concen: 20.485 ug/l

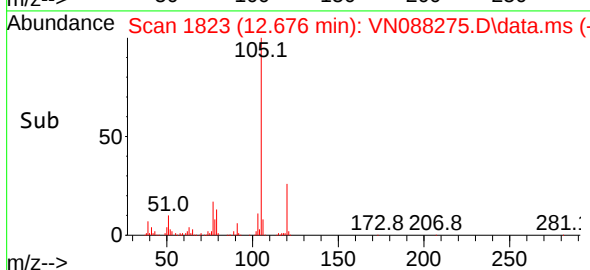
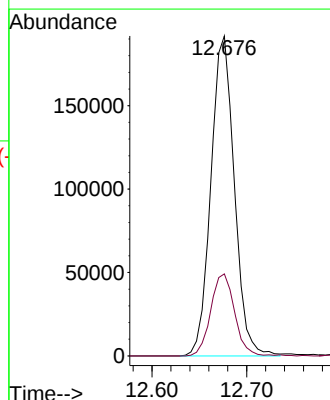
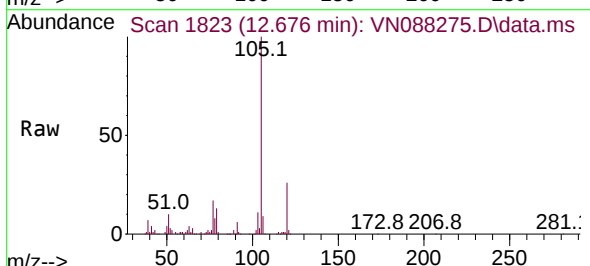
RT: 12.676 min Scan# 1823

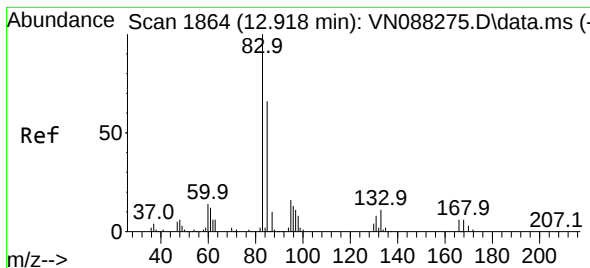
Delta R.T. 0.000 min

Lab File: VN088275.D

Acq: 13 Nov 2025 10:47

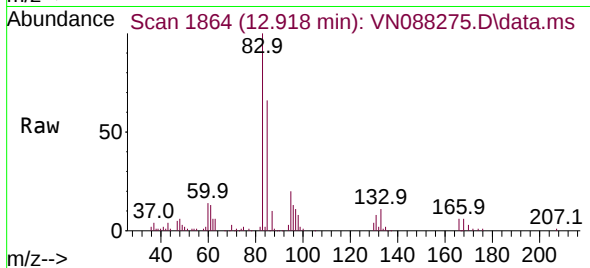
Tgt Ion:105	Resp: 329705
Ion Ratio	Lower Upper
105 100	
120 26.0	18.2 33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 19.550 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

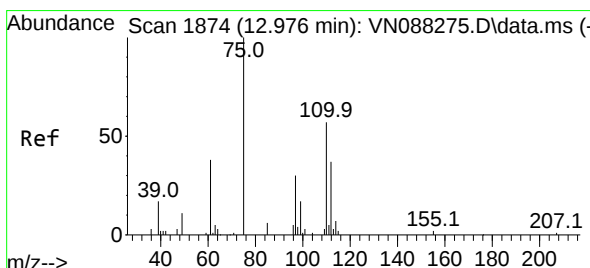
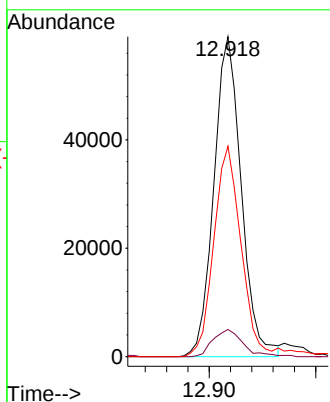
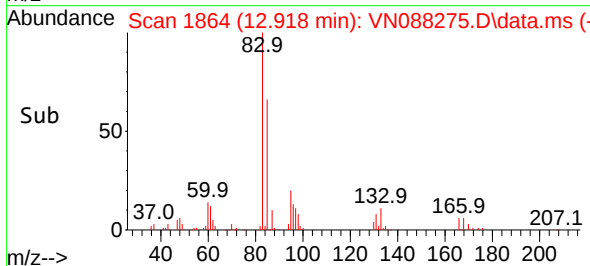
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion: 83 Resp: 105476
Ion Ratio Lower Upper
83 100
131 8.6 4.3 12.9
85 64.8 32.4 97.2

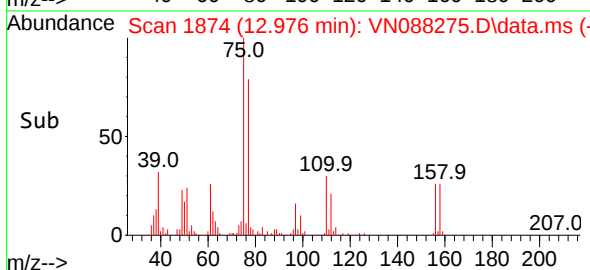
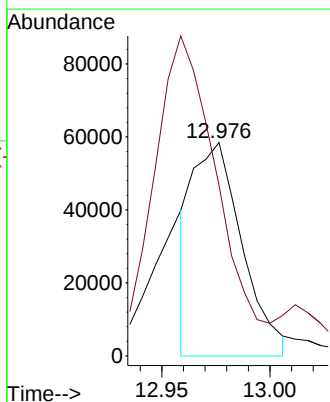
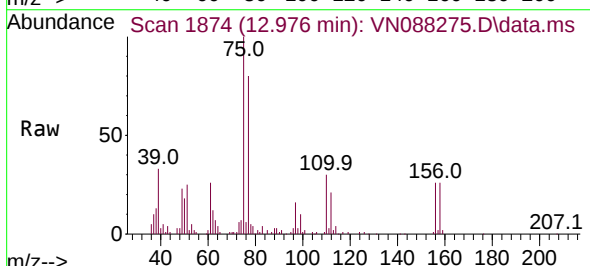
Manual Integrations
APPROVED

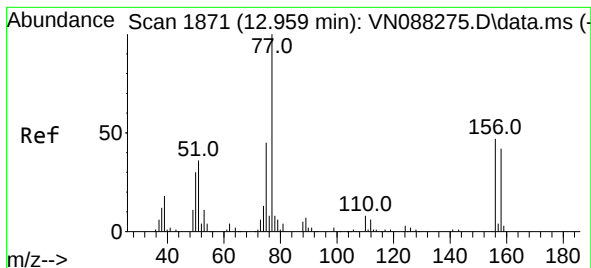
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#72
1,2,3-Trichloropropane
Concen: 18.642 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Tgt Ion: 75 Resp: 93353
Ion Ratio Lower Upper
75 100
77 193.3 0.0 386.6





#73

Bromobenzene

Concen: 19.023 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN088275.D

Acq: 13 Nov 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

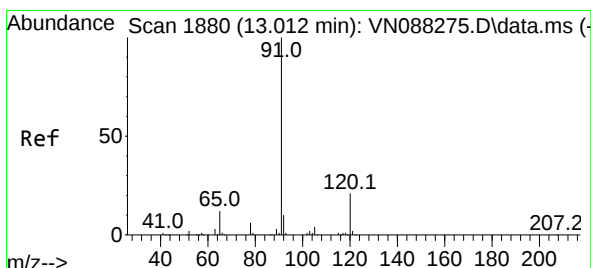
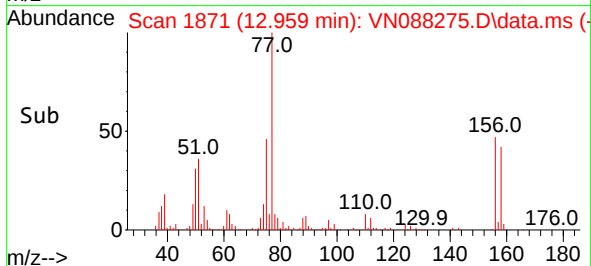
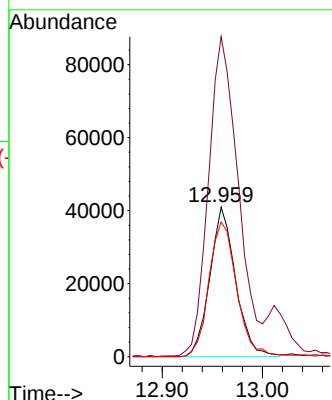
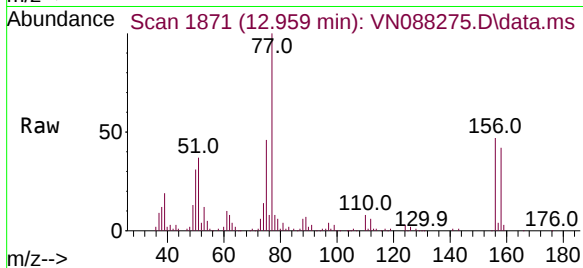
Tgt Ion:	156	Resp:	73152
Ion Ratio	Lower	Upper	
156	100		
77	246.7	0.0	493.4
158	96.7	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#74

n-propylbenzene

Concen: 20.952 ug/l

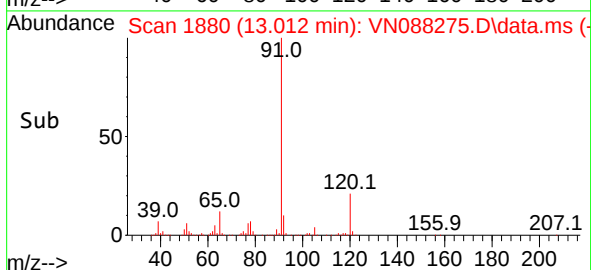
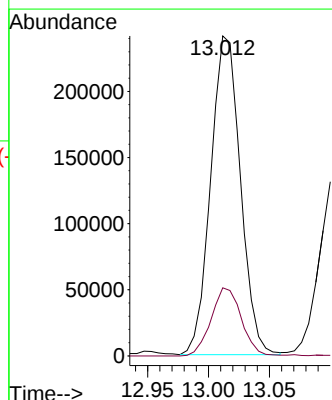
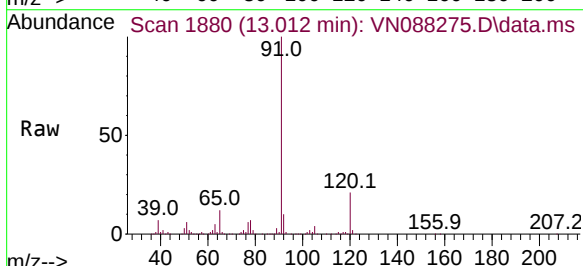
RT: 13.012 min Scan# 1880

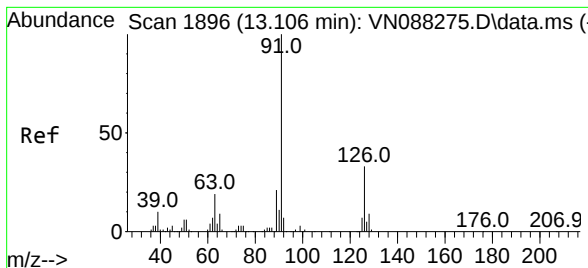
Delta R.T. 0.000 min

Lab File: VN088275.D

Acq: 13 Nov 2025 10:47

Tgt Ion:	91	Resp:	409616
Ion Ratio	Lower	Upper	
91	100		
120	21.7	0.0	43.2





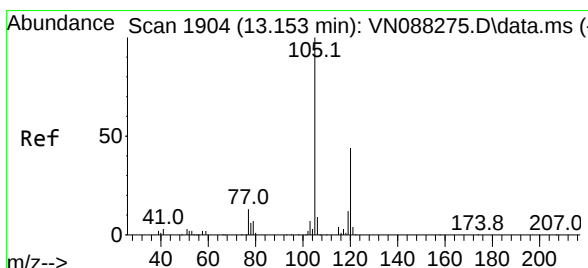
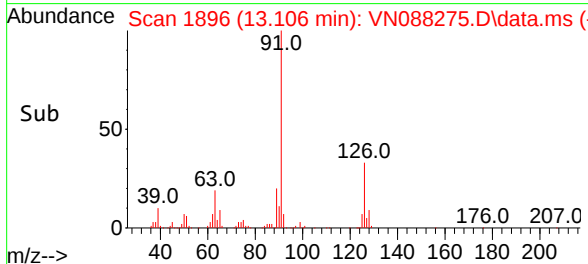
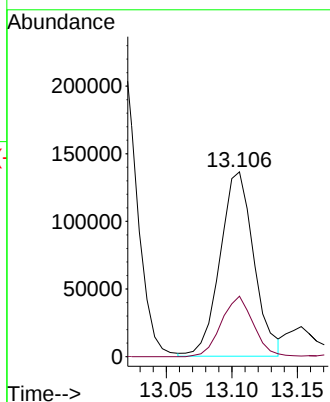
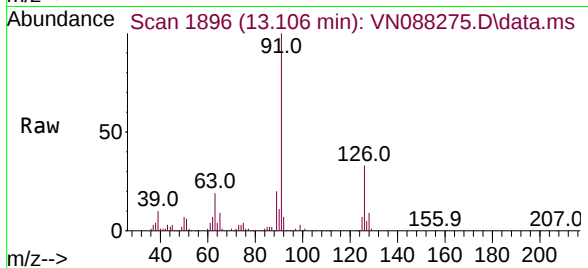
#75
2-Chlorotoluene
Concen: 20.611 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 91 Resp: 245108
Ion Ratio Lower Upper
91 100
126 31.0 0.0 62.0

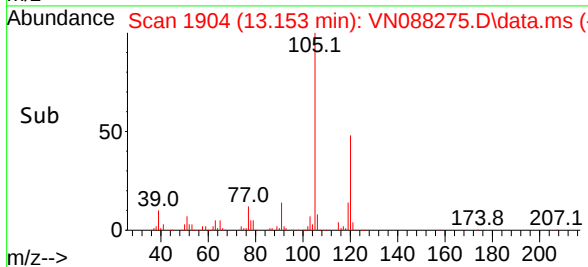
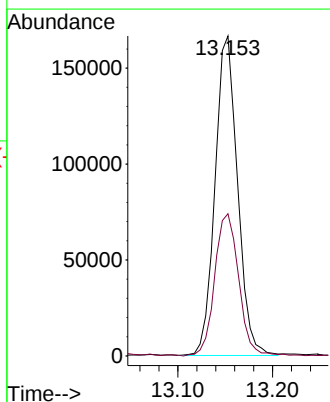
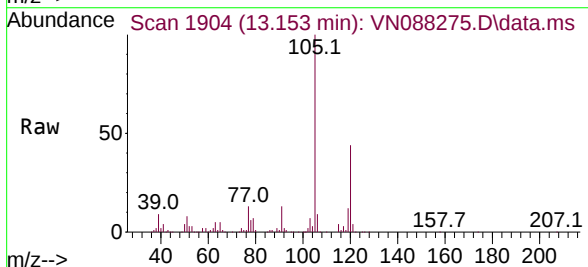
Manual Integrations
APPROVED

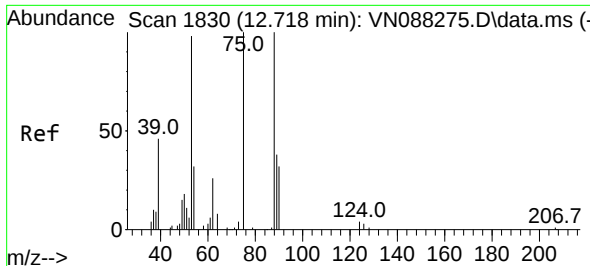
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.196 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Tgt Ion:105 Resp: 274988
Ion Ratio Lower Upper
105 100
120 47.3 0.0 94.6





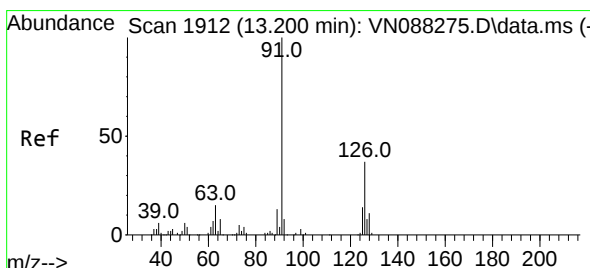
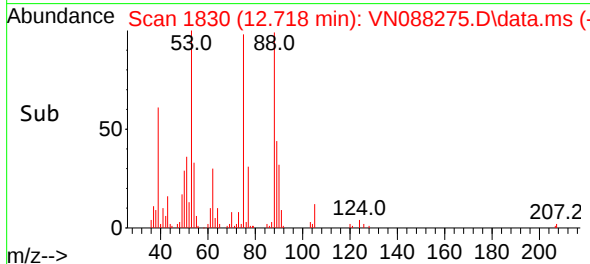
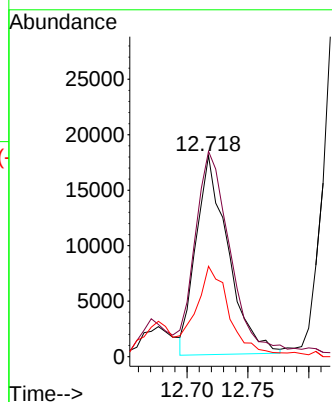
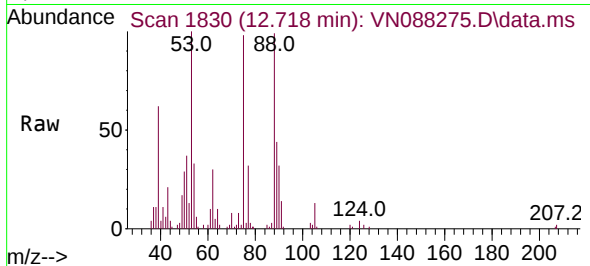
#77
t-1,4-Dichloro-2-butene
Concen: 16.660 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 75 Resp: 32812
Ion Ratio Lower Upper
75 100
53 100.0 50.0 150.0
89 44.6 22.3 66.9

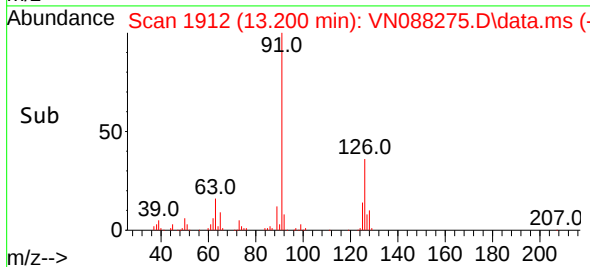
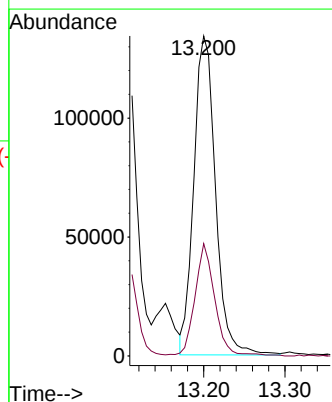
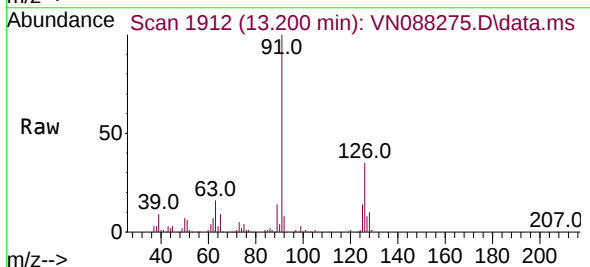
Manual Integrations
APPROVED

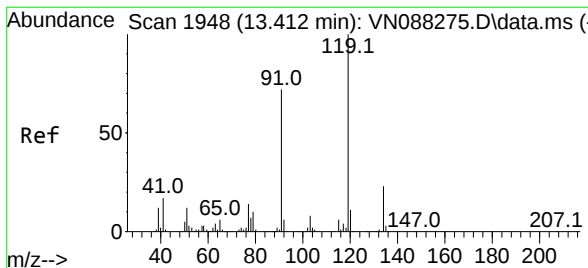
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#78
4-Chlorotoluene
Concen: 20.636 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

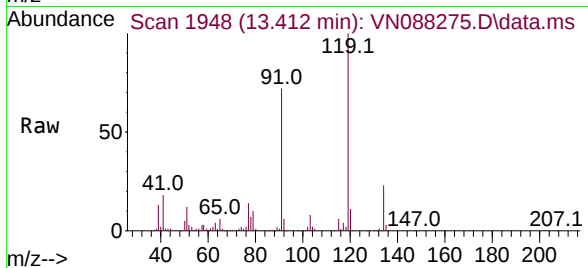
Tgt Ion: 91 Resp: 249260
Ion Ratio Lower Upper
91 100
126 30.4 0.0 60.8





#79
tert-butylbenzene
Concen: 19.912 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

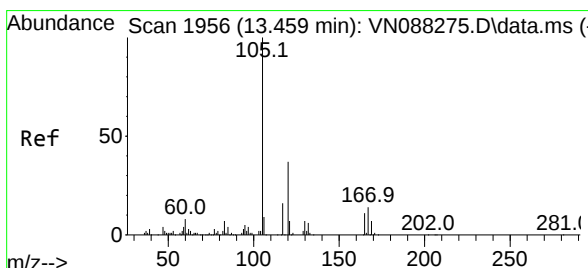
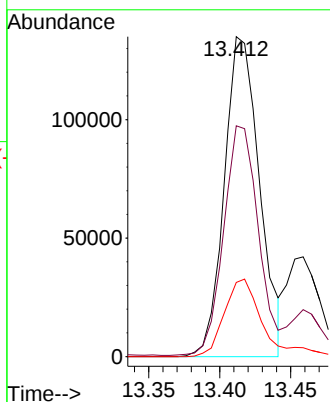
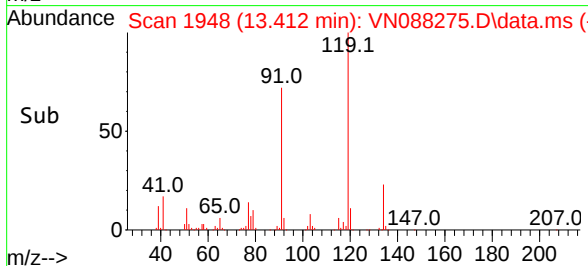
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



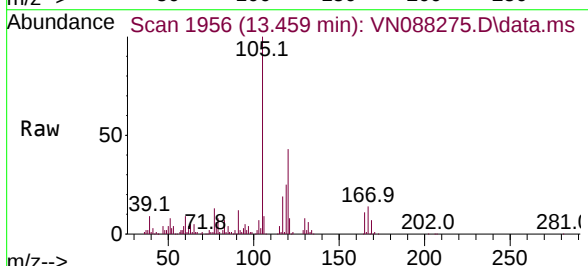
Tgt Ion:119 Resp: 233396
Ion Ratio Lower Upper
119 100
91 70.6 0.0 140.8
134 24.2 0.0 48.4

Manual Integrations
APPROVED

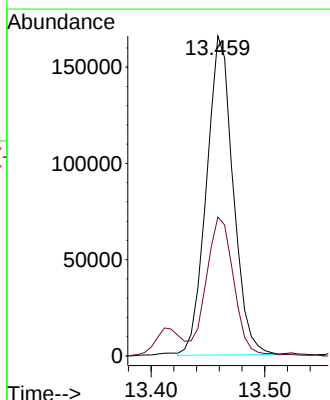
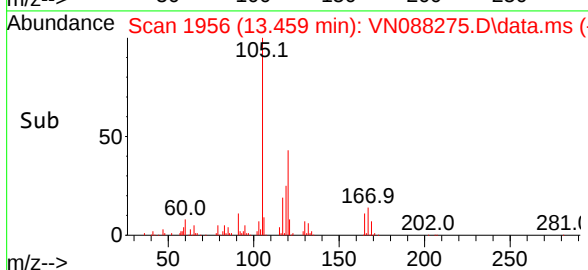
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

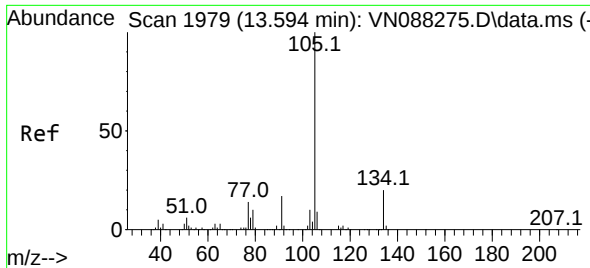


#80
1,2,4-Trimethylbenzene
Concen: 19.918 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47



Tgt Ion:105 Resp: 270223
Ion Ratio Lower Upper
105 100
120 44.6 0.0 89.2





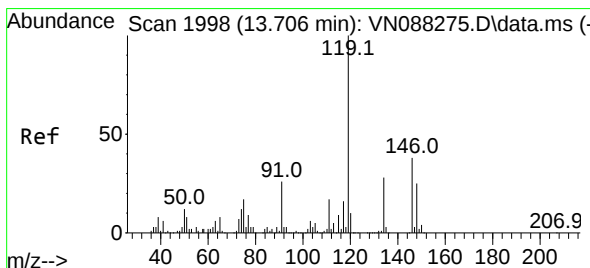
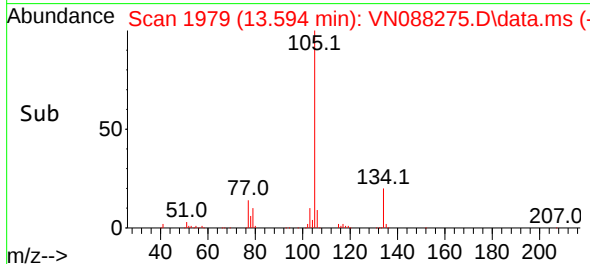
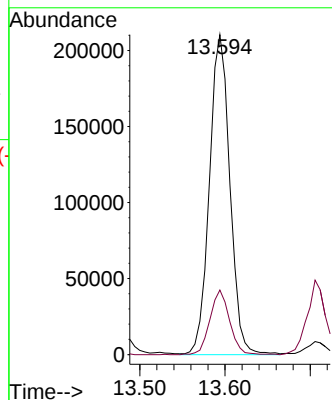
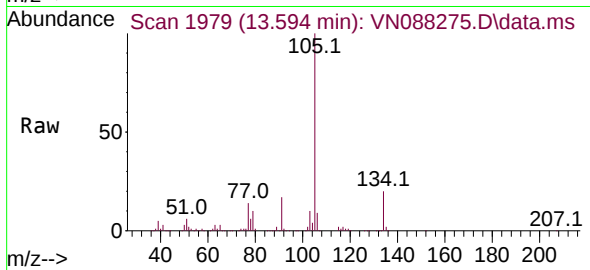
#81
 sec-Butylbenzene
 Concen: 21.009 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN088275.D
 Acq: 13 Nov 2025 10:47

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:105 Resp: 351400
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.4

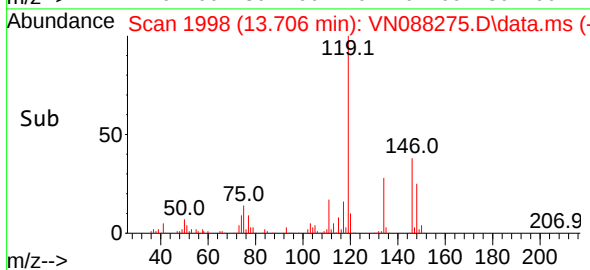
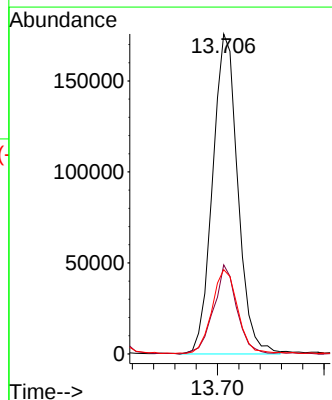
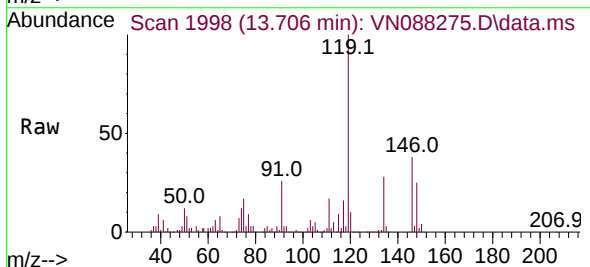
Manual Integrations
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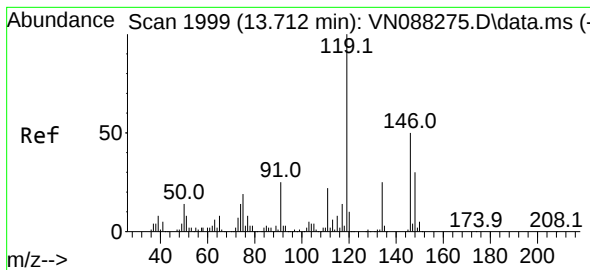
Reviewed By :John Carbone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#82
 p-Isopropyltoluene
 Concen: 20.375 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN088275.D
 Acq: 13 Nov 2025 10:47

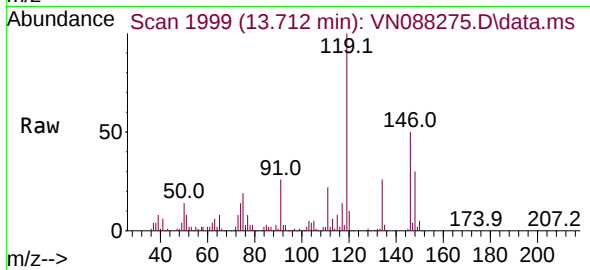
Tgt Ion:119 Resp: 288563
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.2
 91 26.7 0.0 53.4





#83
1,3-Dichlorobenzene
Concen: 19.906 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

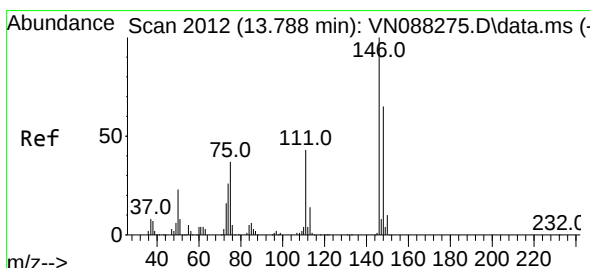
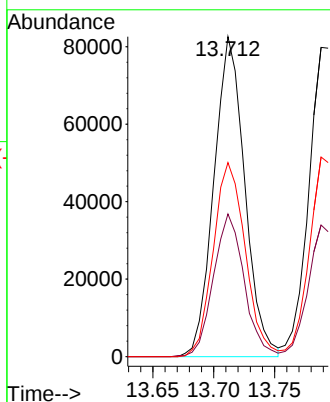
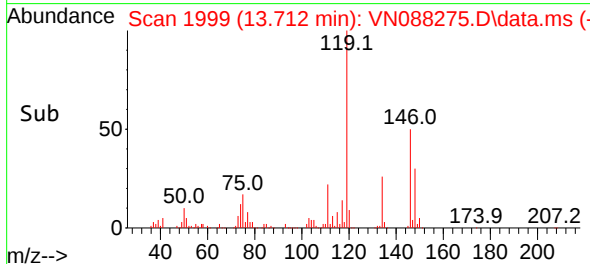
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



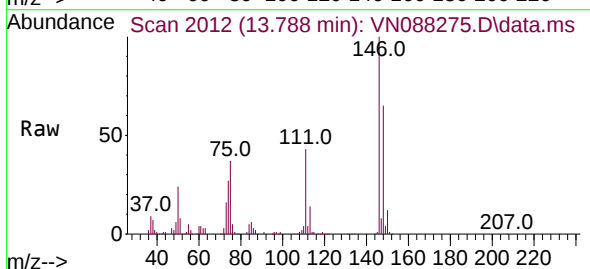
Tgt Ion:146 Resp: 145695
Ion Ratio Lower Upper
146 100
111 44.3 22.1 66.5
148 62.9 31.4 94.3

Manual Integrations
APPROVED

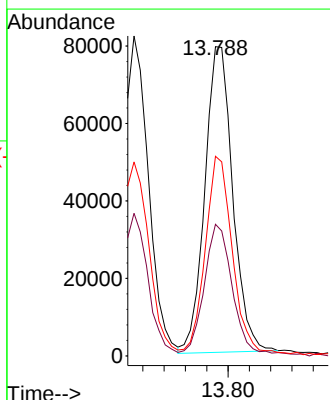
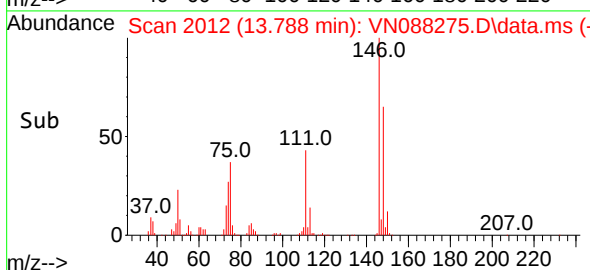
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

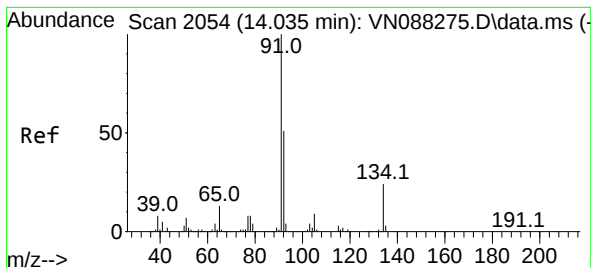


#84
1,4-Dichlorobenzene
Concen: 19.240 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47



Tgt Ion:146 Resp: 143865
Ion Ratio Lower Upper
146 100
111 43.5 21.8 65.3
148 63.7 31.9 95.5





#85

n-Butylbenzene

Concen: 21.176 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.000 min

Lab File: VN088275.D

Acq: 13 Nov 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

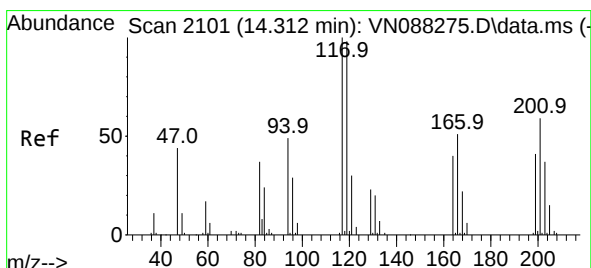
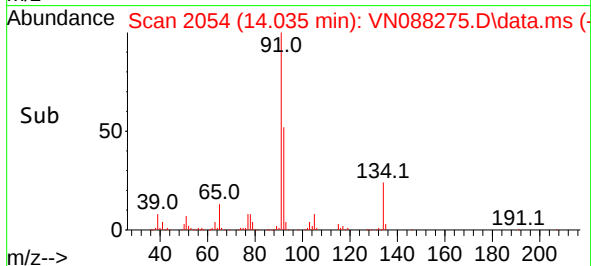
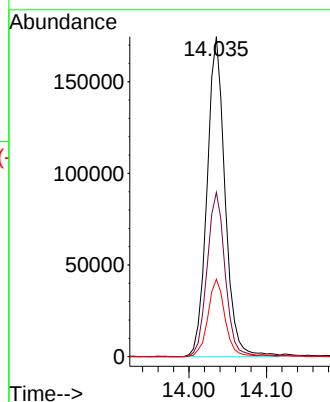
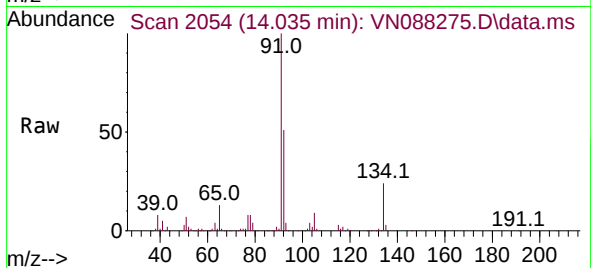
Tgt Ion:	91	Resp:	281860
Ion Ratio	Lower	Upper	
91	100		
92	51.2	0.0	102.4
134	22.9	0.0	45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#86

Hexachloroethane

Concen: 19.135 ug/l

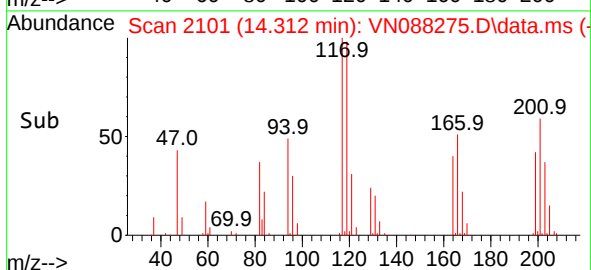
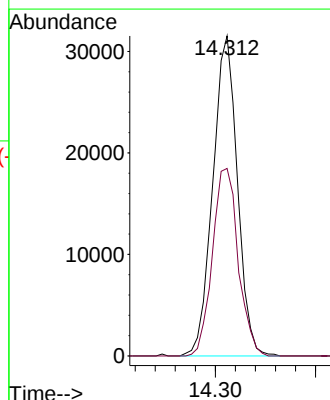
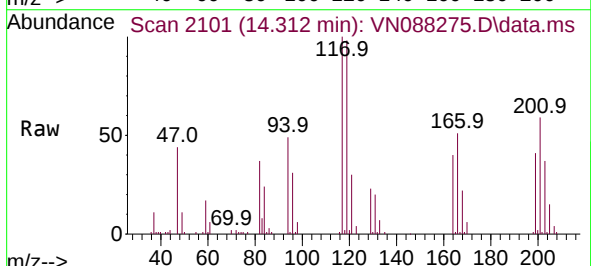
RT: 14.312 min Scan# 2101

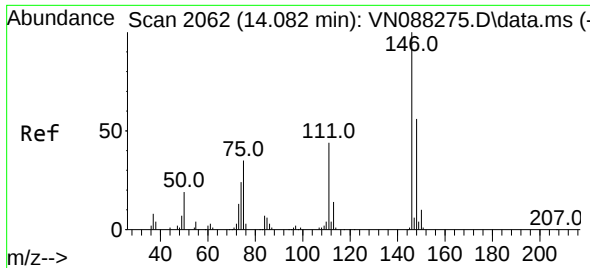
Delta R.T. 0.000 min

Lab File: VN088275.D

Acq: 13 Nov 2025 10:47

Tgt Ion:	117	Resp:	53696
Ion Ratio	Lower	Upper	
117	100		
201	61.3	30.6	92.0





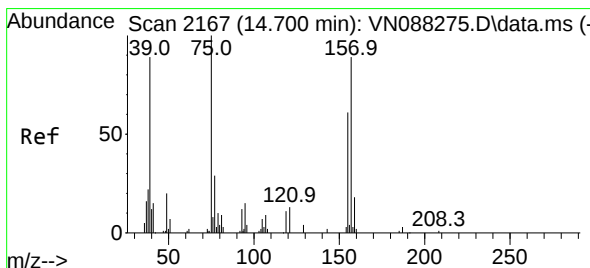
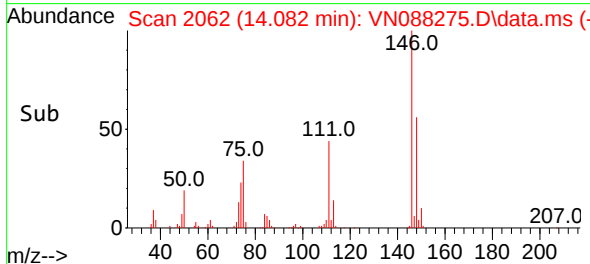
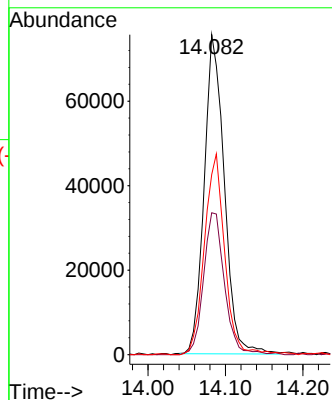
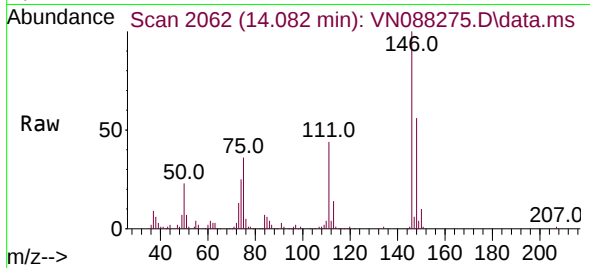
#87
1,2-Dichlorobenzene
Concen: 19.098 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion:146 Resp: 136306
Ion Ratio Lower Upper
146 100
111 46.0 23.0 69.0
148 62.1 31.1 93.2

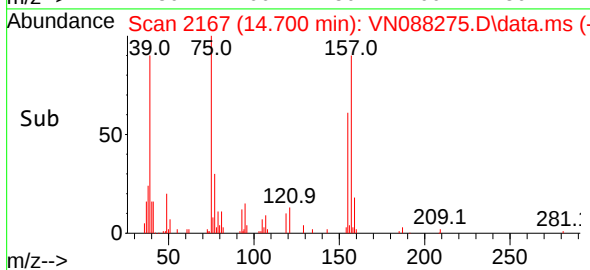
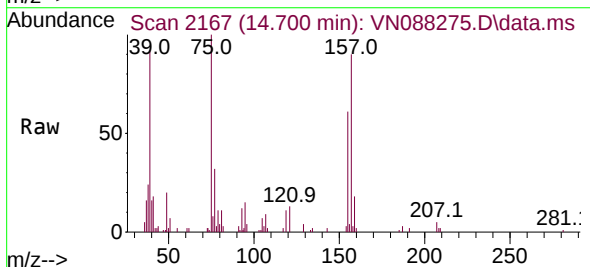
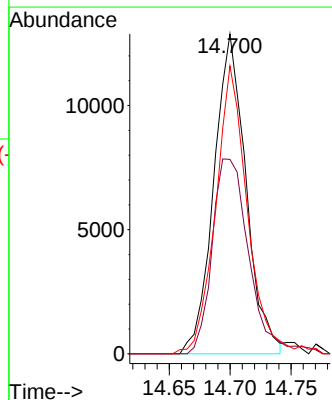
Manual Integrations
APPROVED

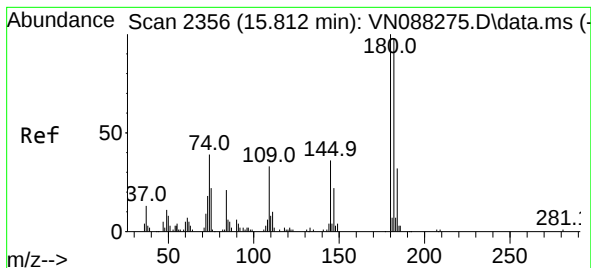
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 19.344 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Tgt Ion: 75 Resp: 23631
Ion Ratio Lower Upper
75 100
155 68.5 54.8 82.2
157 88.4 70.7 106.1





#89

1,2,4-Trichlorobenzene

Concen: 17.714 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. 0.000 min

Lab File: VN088275.D

Acq: 13 Nov 2025 10:47

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

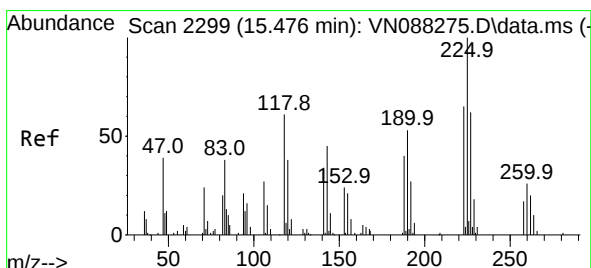
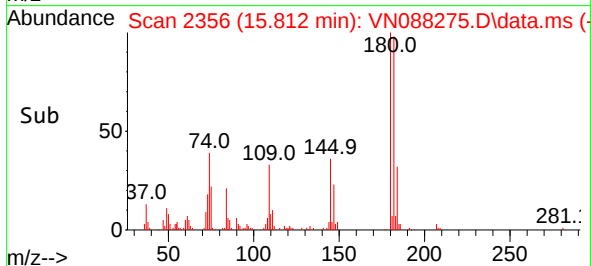
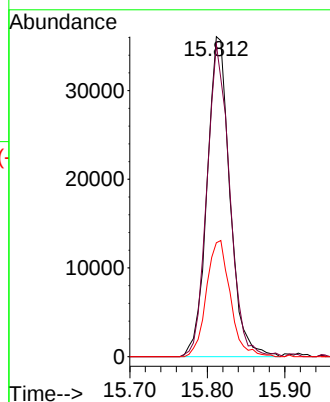
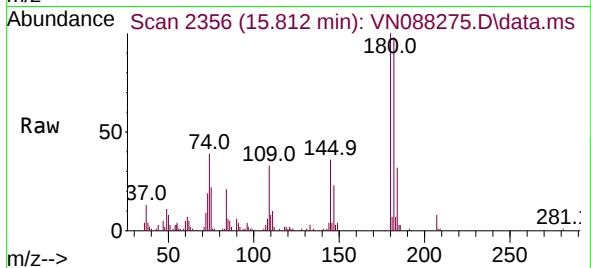
Tgt Ion:180	Resp:	73982
Ion Ratio	Lower	Upper
180	100	
182	96.6	77.3 115.9
145	37.8	30.2 45.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#90

Hexachlorobutadiene

Concen: 20.112 ug/l

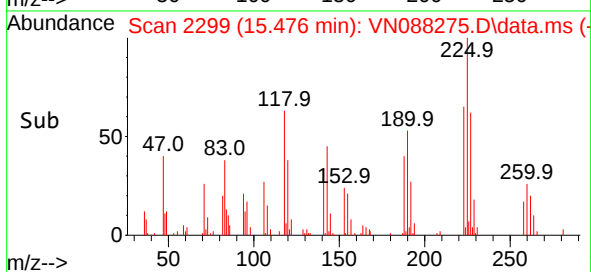
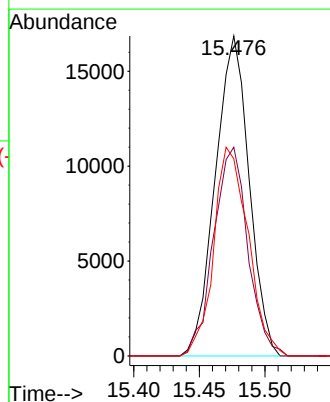
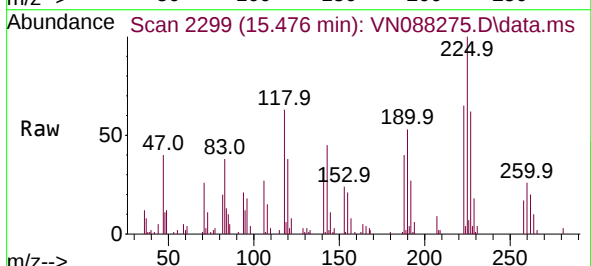
RT: 15.476 min Scan# 2299

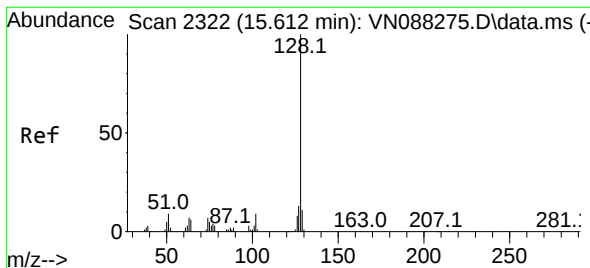
Delta R.T. 0.000 min

Lab File: VN088275.D

Acq: 13 Nov 2025 10:47

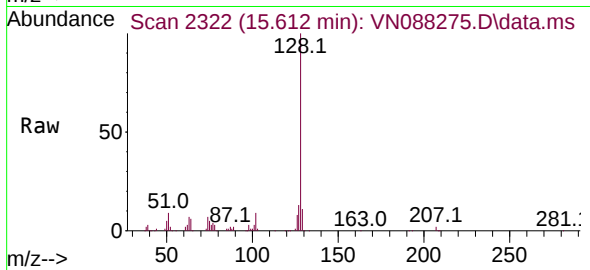
Tgt Ion:225	Resp:	30294
Ion Ratio	Lower	Upper
225	100	
223	66.0	0.0 132.0
227	66.3	0.0 132.6





#91
Naphthalene
Concen: 17.329 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

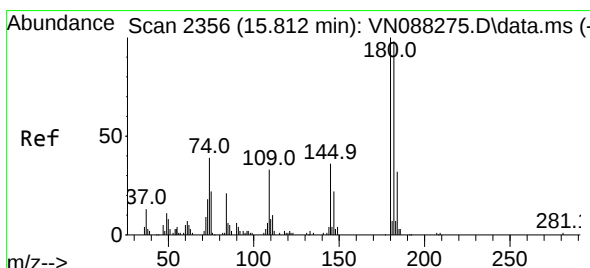
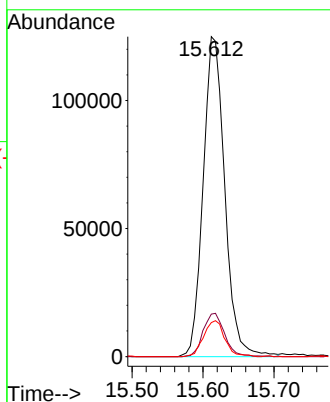
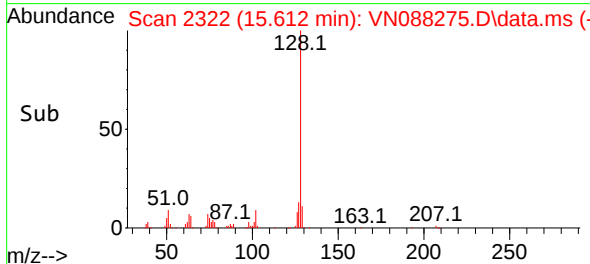
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020



Tgt Ion:128 Resp: 264153
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#92
1,2,3-Trichlorobenzene
Concen: 17.714 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088275.D
Acq: 13 Nov 2025 10:47

Tgt Ion:180 Resp: 73982
Ion Ratio Lower Upper
180 100
182 96.6 0.0 193.2
145 37.8 0.0 75.6

