

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112625\
 Data File : VN088367.D
 Acq On : 26 Nov 2025 11:43
 Operator : JC\MD
 Sample : Q3700-03MSD 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WWMSD

Quant Time: Nov 27 00:11:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 12/01/2025
 Supervised By :Semsettin Yesilyurt 12/01/2025

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

Internal Standards						
1) Bromochloromethane	7.800	128	54953	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	283065	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	251234	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	139654	27.822	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	92.733%		
60) 4-Bromofluorobenzene	12.829	95	121868	28.695	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	95.667%		
63) Toluene-d8	10.547	98	367205	30.872	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	80335	20.797	ug/l	95
3) Chloromethane	2.389	50	80369	20.179	ug/l	98
4) Vinyl Chloride	2.536	62	85998	20.421	ug/l	98
5) Bromomethane	2.989	94	39198	17.456	ug/l	94
6) Chloroethane	3.147	64	52842	20.300	ug/l	95
7) Trichlorofluoromethane	3.518	101	125379	21.235	ug/l	99
8) Diethyl Ether	3.959	74	43180	19.567	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	67827	21.898	ug/l	96
10) 1,1-Dichloroethene	4.341	96	63661	21.067	ug/l #	80
11) Methyl Iodide	4.588	142	58860	18.303	ug/l #	89
12) Methyl Acetate	5.018	43	106671	21.881	ug/l	92
13) Acrolein	4.177	56	104717	145.996	ug/l	97
14) Acrylonitrile	5.712	53	229448	103.579	ug/l	99
15) Acetone	4.424	58	149498	230.778	ug/l	99
16) Carbon Disulfide	4.706	76	200177	19.642	ug/l	99
17) Allyl chloride	5.018	41	111496	18.987	ug/l	99
18) Methylene Chloride	5.271	84	73875	19.668	ug/l	97
19) trans-1,2-Dichloroethene	5.777	96	67856	19.284	ug/l	95
20) Diisopropyl ether	6.653	45	252115	20.092	ug/l	100
21) 1,1-Dichloroethane	6.559	63	142150	20.108	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	80755	19.746	ug/l	96
23) tert-Butyl Alcohol	5.518	59	92347	113.373	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	230676	18.933	ug/l	100
25) Chloroform	7.947	83	163941	23.403	ug/l	95
26) Cyclohexane	8.241	56	114157	19.117	ug/l #	95
29) 1,1-Dichloropropene	8.353	75	99088	20.980	ug/l	99
30) 2-Butanone	7.471	43	334469	109.476	ug/l	99
31) 2,2-Dichloropropane	7.471	77	118992	20.426	ug/l #	85
32) 1,1,1-Trichloroethane	8.153	97	122849	21.100	ug/l	98
33) Carbon Tetrachloride	8.347	117	105485	21.216	ug/l	92
34) Benzene	8.588	78	299578	21.220	ug/l	97
35) Methacrylonitrile	7.759	41	66890	20.990	ug/l	95
36) 1,2-Dichloroethane	8.653	62	109681	19.963	ug/l	100
37) Trichloroethene	9.335	130	70385	22.000	ug/l	99
38) Methylcyclohexane	9.582	83	113952	21.044	ug/l	99
39) 1,2-Dichloropropane	9.600	63	77179	21.189	ug/l	91
40) Dibromomethane	9.688	93	56395	21.550	ug/l	97
41) Bromodichloromethane	9.865	83	110812	21.035	ug/l	99
42) Vinyl Acetate	6.588	43	1121454	109.979	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	132478	21.551	ug/l	99
44) Isopropyl Acetate	8.671	43	198782	20.983	ug/l	98
45) 1,4-Dioxane	9.676	88	30871	541.135	ug/l	96
46) Methyl methacrylate	9.665	41	89714	20.237	ug/l	88
47) n-amyl Acetate	12.529	43	108310m	22.562	ug/l	
48) t-1,3-Dichloropropene	10.818	75	110120	19.543	ug/l	98
49) cis-1,3-Dichloropropene	10.288	75	117001	19.957	ug/l	97
50) 1,1,2-Trichloroethane	10.994	97	66605	20.583	ug/l	93
51) Ethyl methacrylate	10.859	69	108042	20.294	ug/l	93
52) 1,3-Dichloropropane	11.141	76	118150	20.049	ug/l	99
53) Dibromochloromethane	11.341	129	78843	21.212	ug/l	99
54) 1,2-Dibromoethane	11.447	107	69342	20.624	ug/l	97
55) 2-Chloroethyl vinyl ether	10.141	63	85647	27.927	ug/l	99
56) Bromoform	12.559	173	46882	19.927	ug/l	98
58) 4-Methyl-2-Pentanone	10.423	43	639681	112.574	ug/l	99
59) 2-Hexanone	11.176	43	432660	114.667	ug/l	98
61) Tetrachloroethene	11.082	164	65709	25.368	ug/l	91
62) Toluene	10.612	91	303588	21.057	ug/l	99
64) Chlorobenzene	11.870	112	185602	20.786	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.935	131	66253	21.678	ug/l	97
66) Ethyl Benzene	11.941	91	330306	20.787	ug/l	98
67) m/p-Xylenes	12.047	106	249467	41.982	ug/l	98
68) o-Xylene	12.376	106	115299	20.569	ug/l	96
69) Styrene	12.388	104	193149	20.288	ug/l	98
70) Isopropylbenzene	12.676	105	310322	20.889	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.917	83	96181	19.987	ug/l	100
72) 1,2,3-Trichloropropane	12.970	75	100516m	21.561	ug/l	
73) Bromobenzene	12.959	156	70666	21.071	ug/l	96
74) n-propylbenzene	13.011	91	386486	21.022	ug/l	100
75) 2-Chlorotoluene	13.106	91	225403	20.163	ug/l	99
76) 1,3,5-Trimethylbenzene	13.153	105	253748	20.349	ug/l	100
77) t-1,4-Dichloro-2-butene	12.717	75	31265	19.529	ug/l	97
78) 4-Chlorotoluene	13.200	91	230174	20.318	ug/l	98
79) tert-butylbenzene	13.417	119	218839	20.498	ug/l	98
80) 1,2,4-Trimethylbenzene	13.459	105	253776	20.466	ug/l	98
81) sec-Butylbenzene	13.594	105	323752	20.791	ug/l	99
82) p-Isopropyltoluene	13.706	119	260451	20.241	ug/l	99
83) 1,3-Dichlorobenzene	13.711	146	136881	21.007	ug/l	99
84) 1,4-Dichlorobenzene	13.788	146	137053	20.769	ug/l	99
85) n-Butylbenzene	14.035	91	254994	20.794	ug/l	99
86) Hexachloroethane	14.311	117	46696	18.954	ug/l	99
87) 1,2-Dichlorobenzene	14.082	146	126699	20.600	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.694	75	23979	21.200	ug/l	96
89) 1,2,4-Trichlorobenzene	15.811	180	72109	20.892	ug/l	98
90) Hexachlorobutadiene	15.476	225	32536	24.274	ug/l	96
91) Naphthalene	15.617	128	266214	21.317	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	72109	20.892	ug/l	98

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

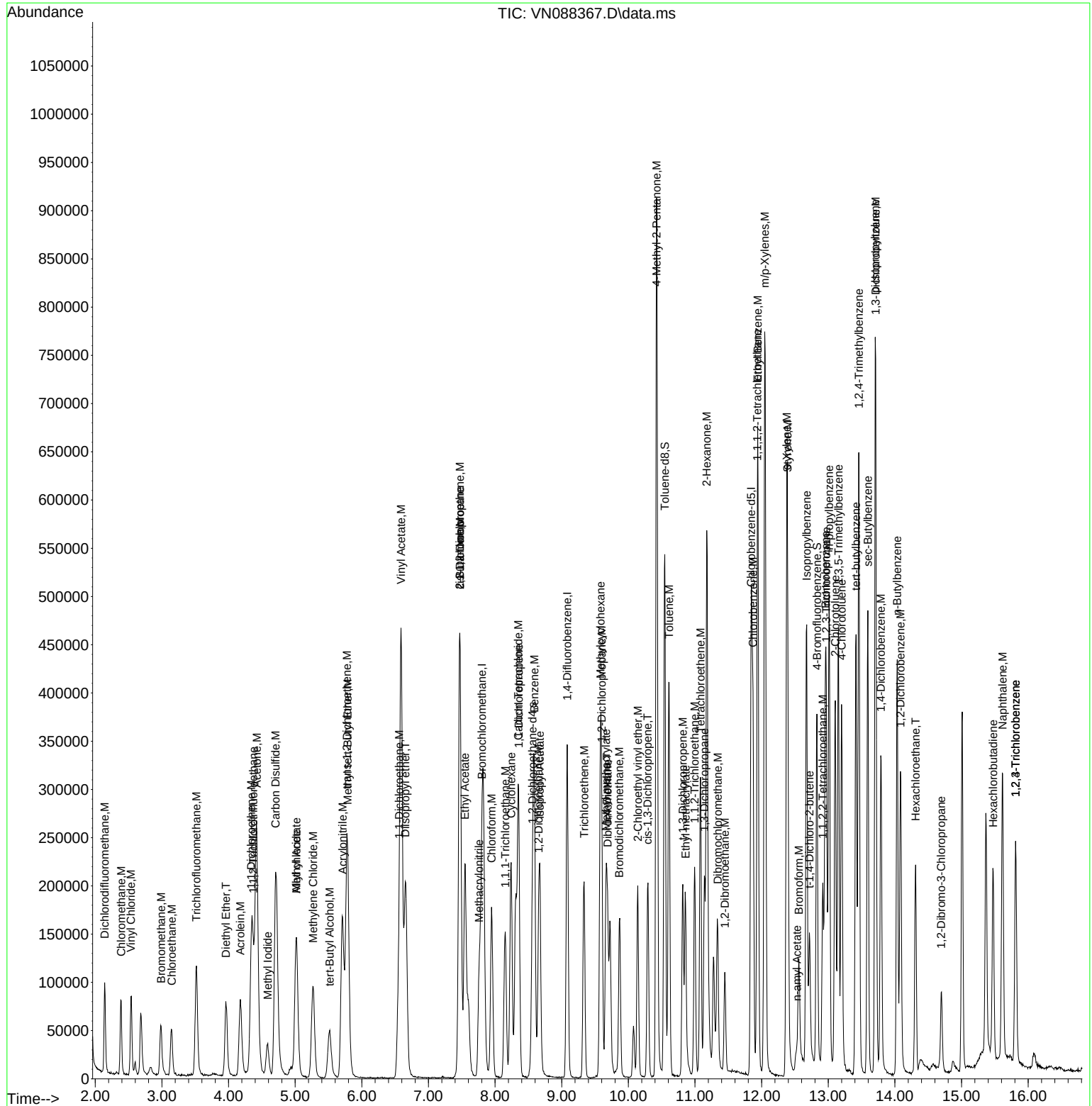
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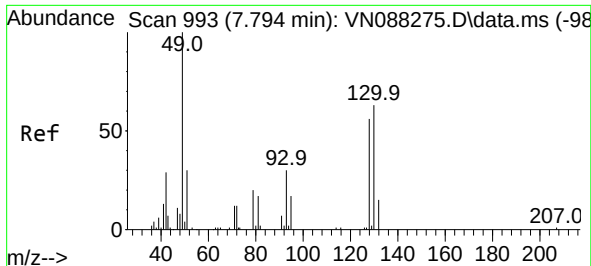
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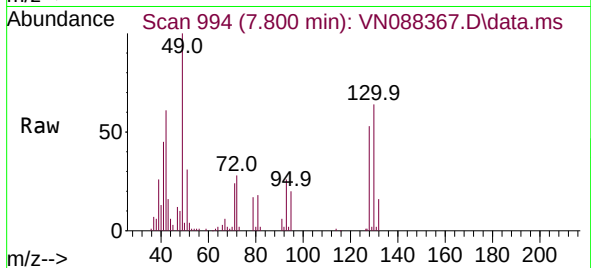
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

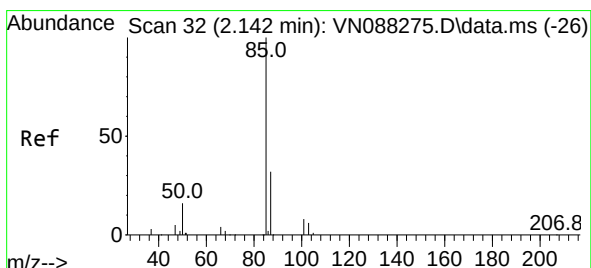
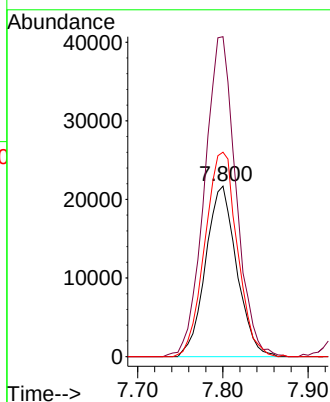
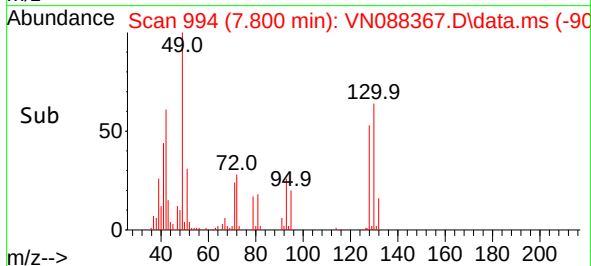
Instrument :
MSVOA_N
Client Sample Id :
EFF-WWMSD



Tgt Ion: 128 Resp: 54953
Ion Ratio Lower Upper
128 100
49 190.2 0.0 501.2
130 125.0 0.0 320.2

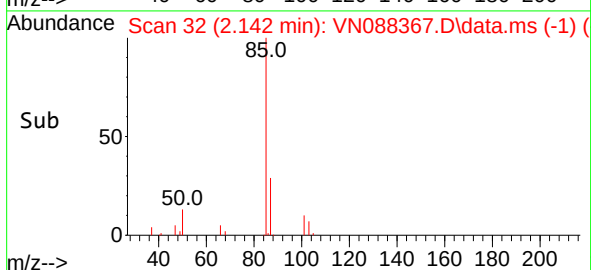
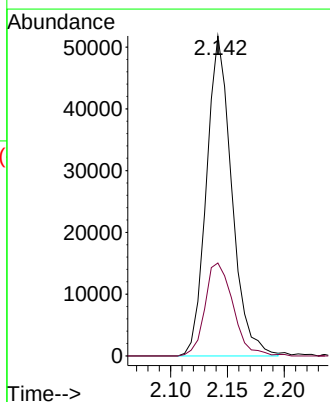
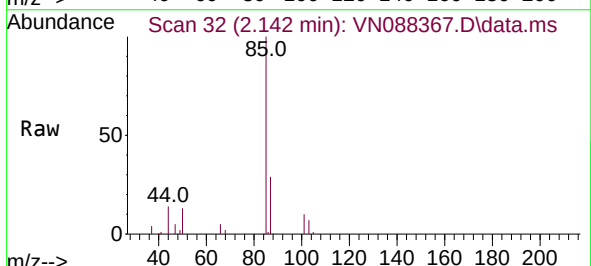
Manual Integrations
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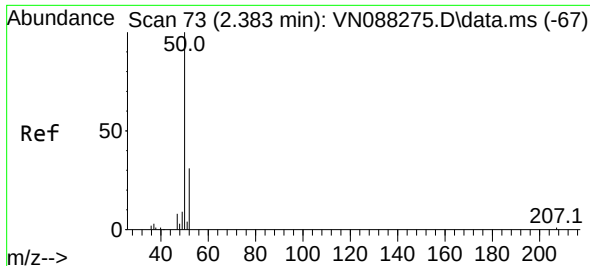
Reviewed By : John Carlone 12/01/2025
Supervised By : Semsettin Yesilyurt 12/01/2025



#2
Dichlorodifluoromethane
Concen: 20.797 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

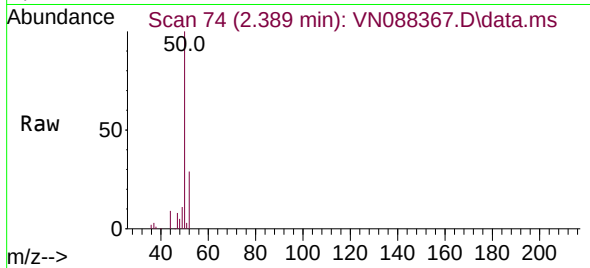
Tgt Ion: 85 Resp: 80335
Ion Ratio Lower Upper
85 100
87 29.0 16.0 48.0





#3
Chloromethane
Concen: 20.179 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

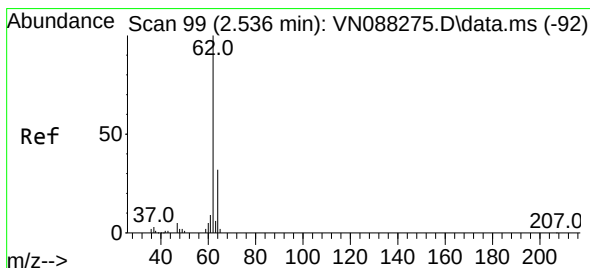
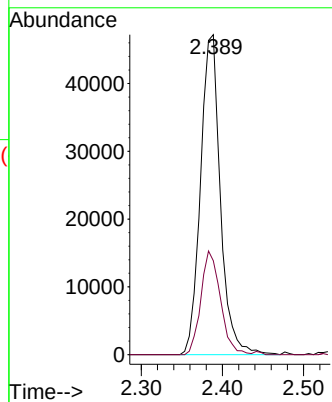
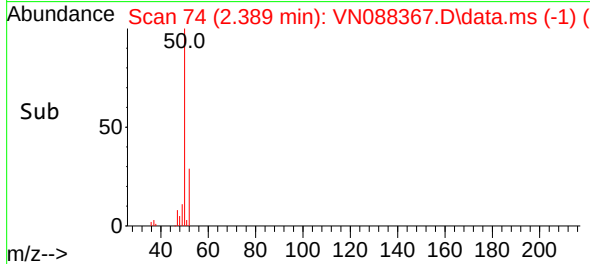
Instrument :
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Tgt Ion: 50 Resp: 80369
Ion Ratio Lower Upper
50 100
52 29.3 24.6 36.8

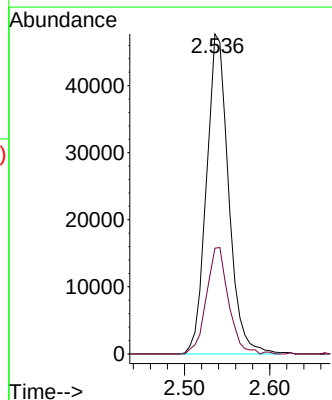
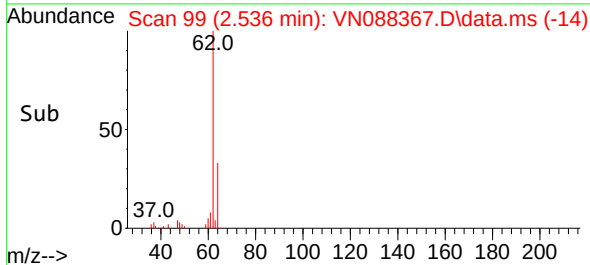
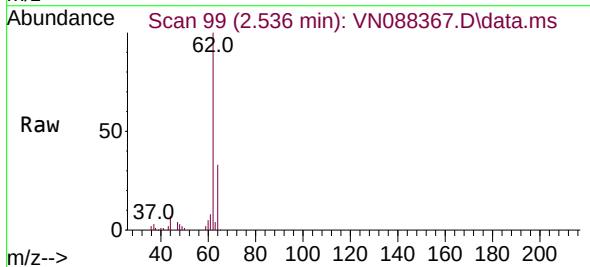
Manual Integrations
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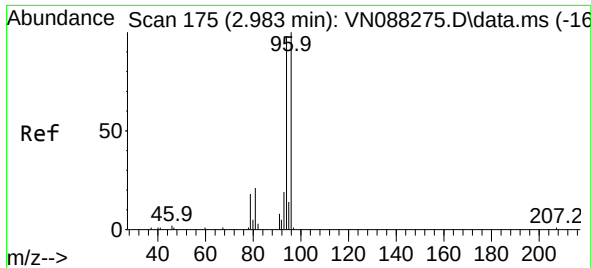
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#4
Vinyl Chloride
Concen: 20.421 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

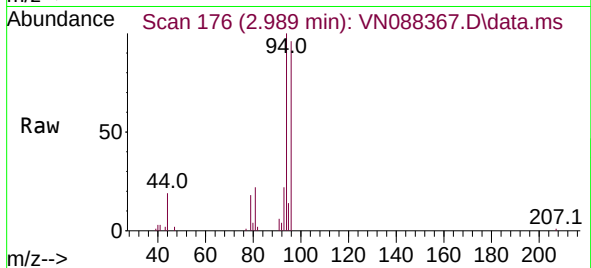
Tgt Ion: 62 Resp: 85998
Ion Ratio Lower Upper
62 100
64 33.0 25.4 38.2





#5
Bromomethane
Concen: 17.456 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

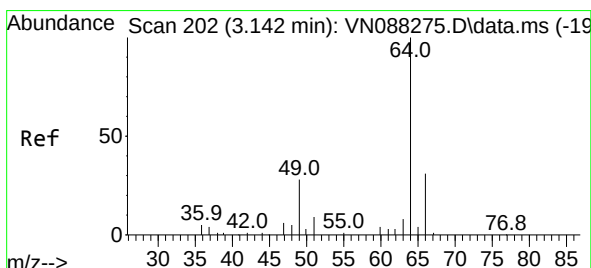
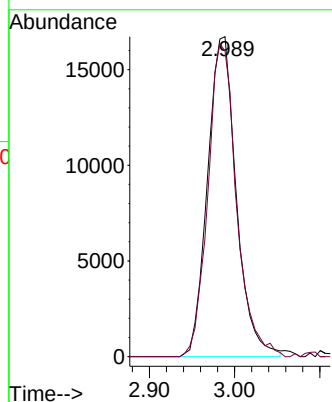
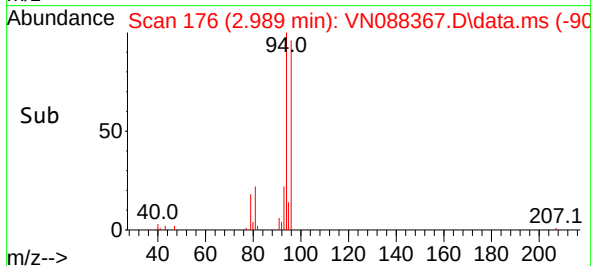
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



Tgt Ion: 94 Resp: 39198
Ion Ratio Lower Upper
94 100
96 95.5 81.3 121.9

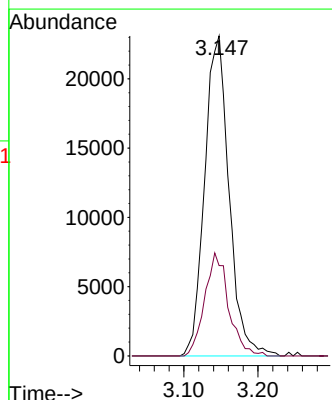
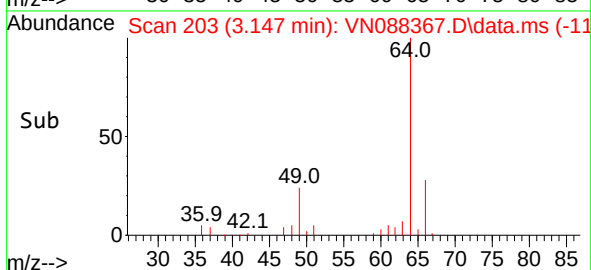
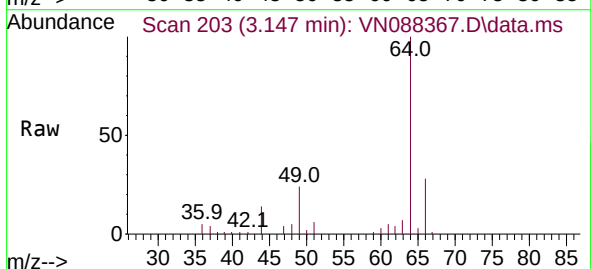
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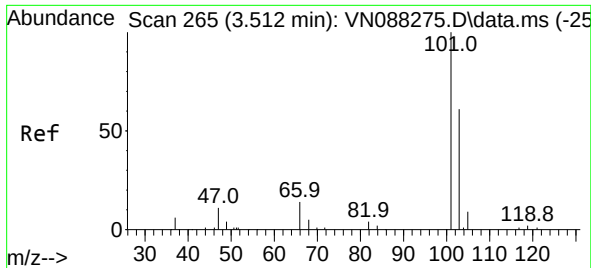
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#6
Chloroethane
Concen: 20.300 ug/l
RT: 3.147 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

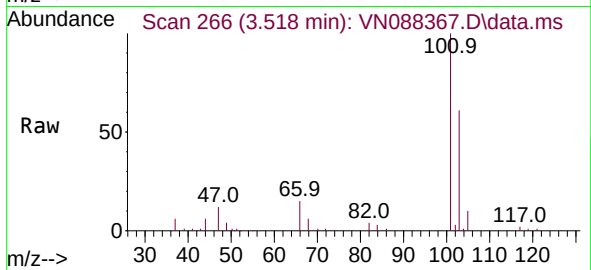
Tgt Ion: 64 Resp: 52842
Ion Ratio Lower Upper
64 100
66 28.2 24.7 37.1





#7
Trichlorofluoromethane
Concen: 21.235 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN088367.D
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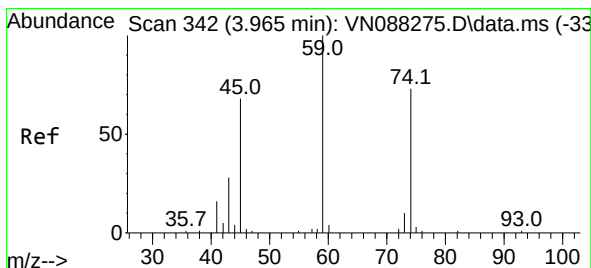
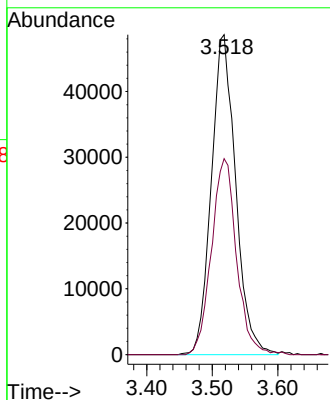
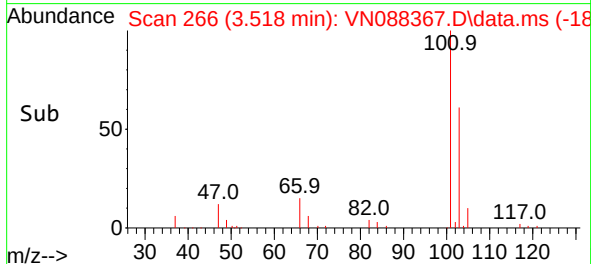
Instrument :
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Tgt Ion:101 Resp: 125379
Ion Ratio Lower Upper
101 100
103 61.2 48.6 73.0

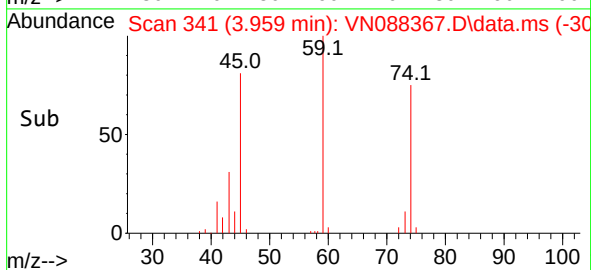
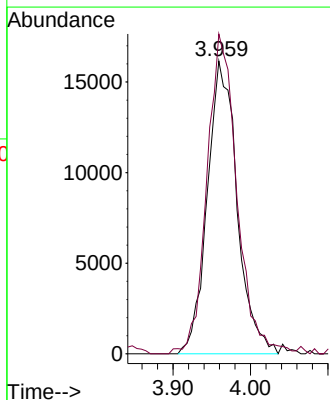
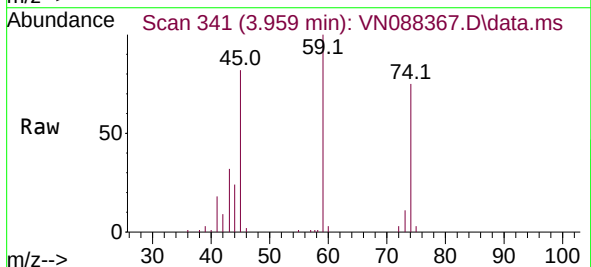
Manual Integrations
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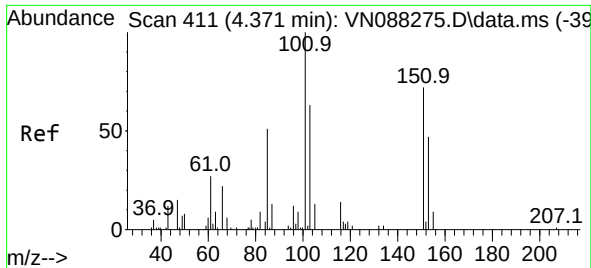
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#8
Diethyl Ether
Concen: 19.567 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Tgt Ion: 74 Resp: 43180
Ion Ratio Lower Upper
74 100
45 103.9 20.9 187.7





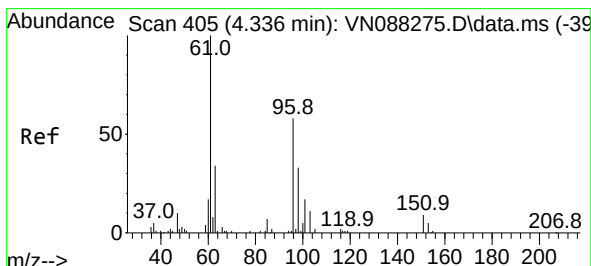
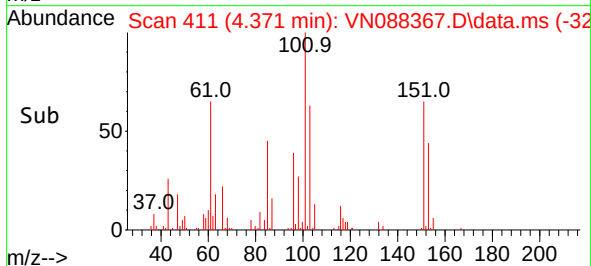
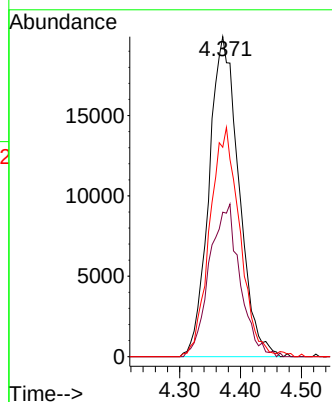
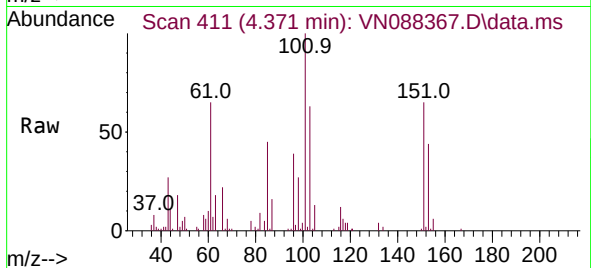
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.898 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN088367.D
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Instrument :
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Tgt Ion: 101 Resp: 6782
 Ion Ratio Lower Upper
 101 100
 85 47.6 0.0 100.8
 151 71.8 0.0 138.4

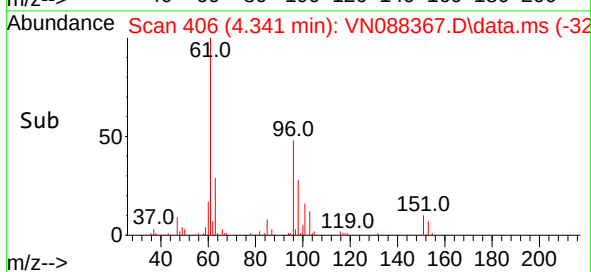
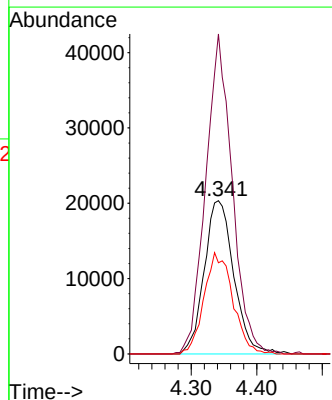
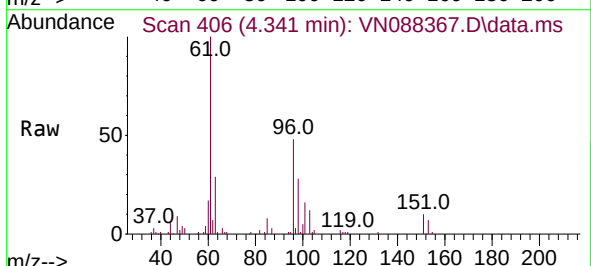
Manual Integrations
 APPROVED

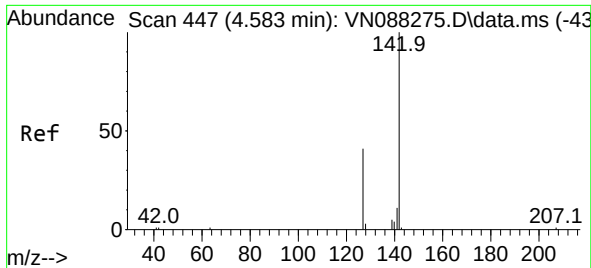
Reviewed By :John Carlone 12/01/2025
 Supervised By :Semsettin Yesilyurt 12/01/2025



#10
 1,1-Dichloroethene
 Concen: 21.067 ug/l
 RT: 4.341 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VN088367.D
 Acq: 26 Nov 2025 11:43

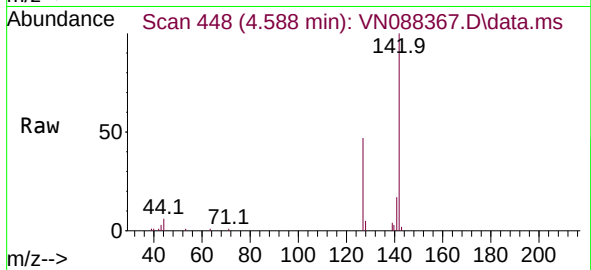
Tgt Ion: 96 Resp: 63661
 Ion Ratio Lower Upper
 96 100
 61 208.1 137.8 206.8#
 98 59.5 45.6 68.4





#11
Methyl Iodide
Concen: 18.303 ug/l
RT: 4.588 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

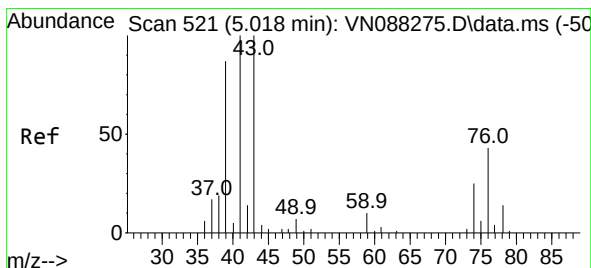
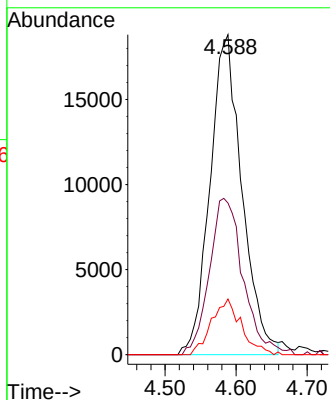
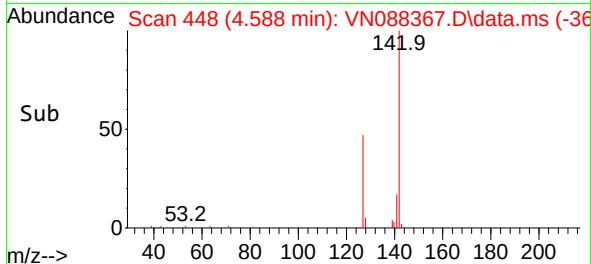
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



Tgt Ion:142 Resp: 58860
Ion Ratio Lower Upper
142 100
127 47.2 20.4 61.2
141 17.3 5.6 16.8

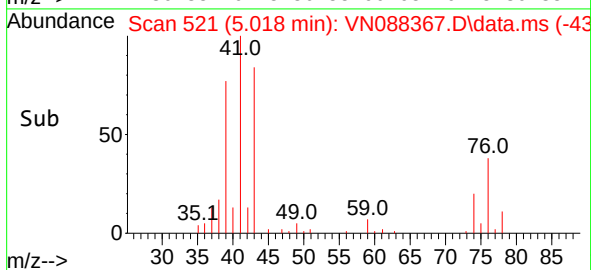
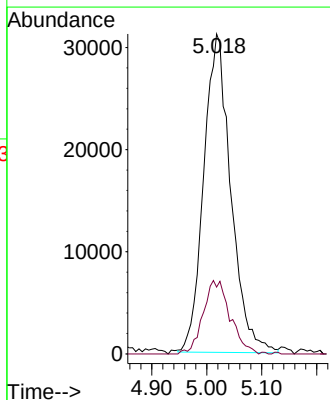
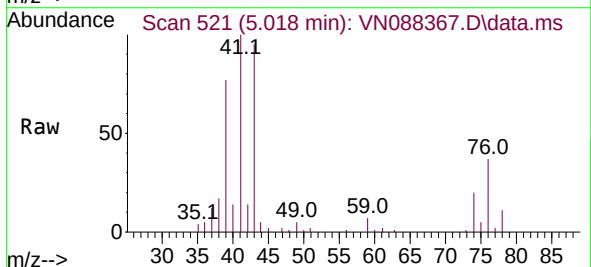
Manual Integrations
APPROVED

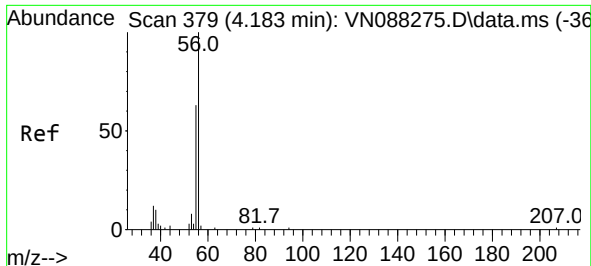
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#12
Methyl Acetate
Concen: 21.881 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

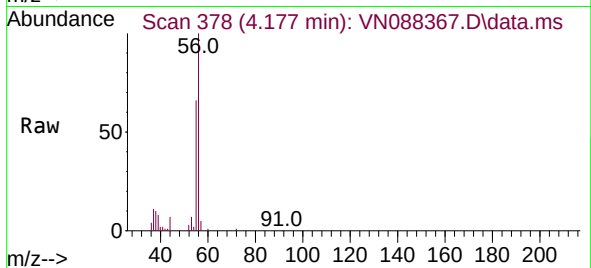
Tgt Ion: 43 Resp: 106671
Ion Ratio Lower Upper
43 100
74 20.9 19.8 29.8





#13
Acrolein
Concen: 145.996 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

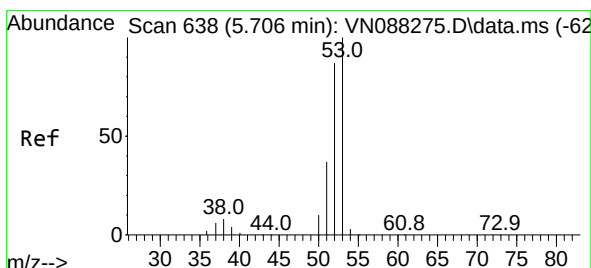
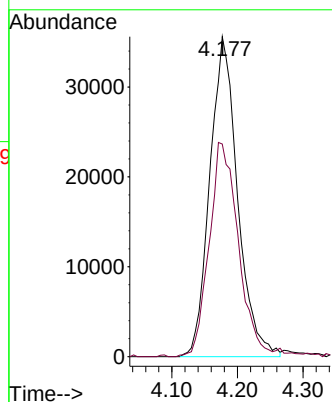
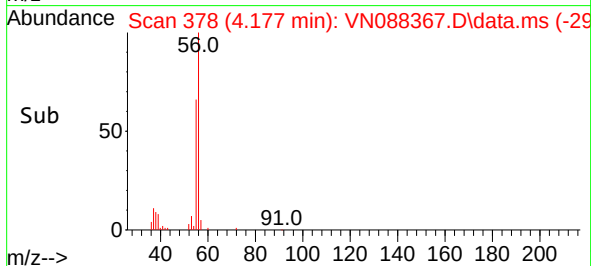
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



Tgt Ion: 56 Resp: 10471
Ion Ratio Lower Upper
56 100
55 69.9 57.9 86.9

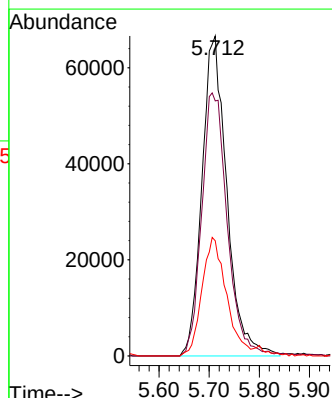
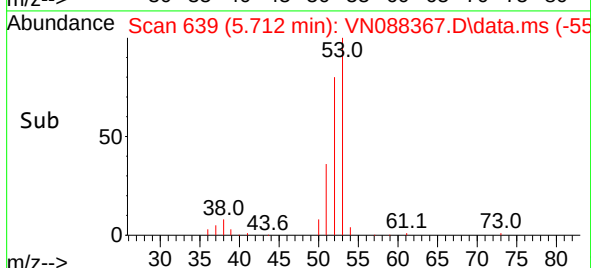
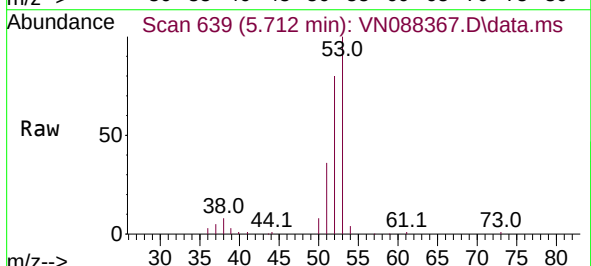
Manual Integrations
APPROVED

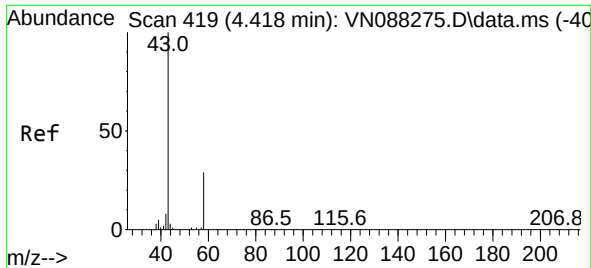
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#14
Acrylonitrile
Concen: 103.579 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

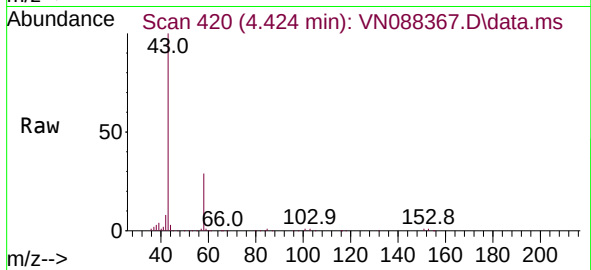
Tgt Ion: 53 Resp: 229448
Ion Ratio Lower Upper
53 100
52 83.8 42.3 126.9
51 36.3 18.4 55.2





#15
Acetone
Concen: 230.778 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

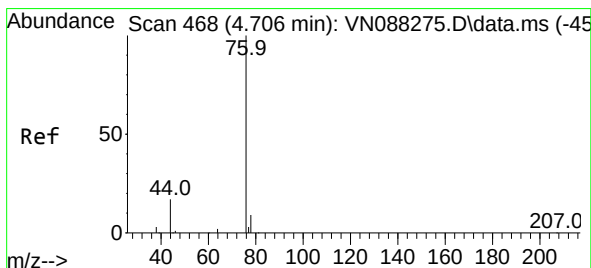
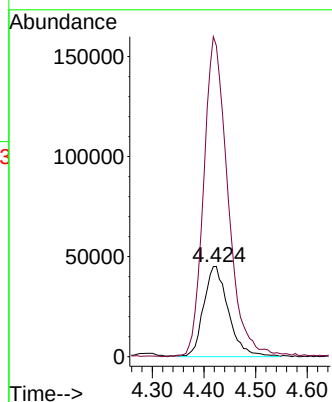
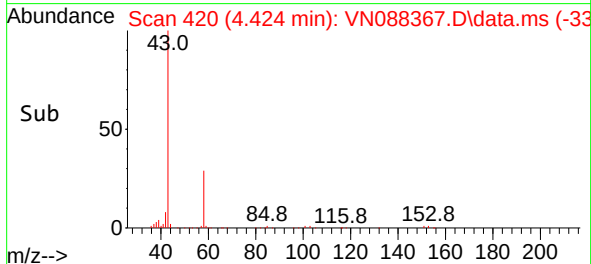
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



Tgt Ion: 58 Resp: 149498
Ion Ratio Lower Upper
58 100
43 344.4 273.9 410.9

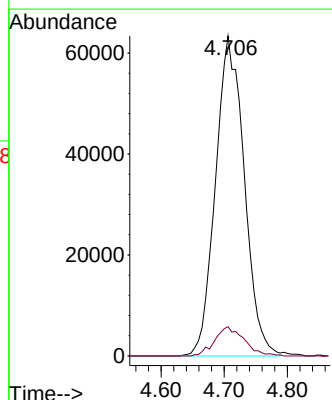
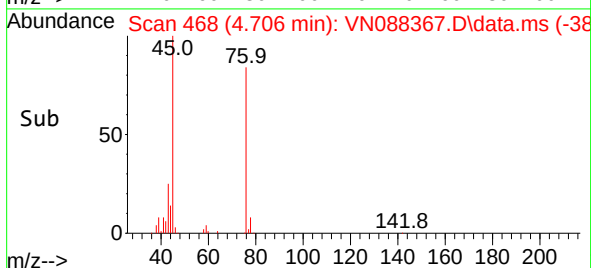
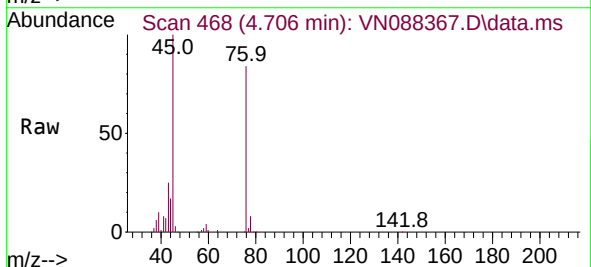
Manual Integrations
APPROVED

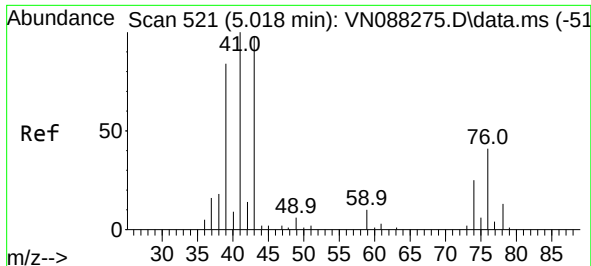
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#16
Carbon Disulfide
Concen: 19.642 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Tgt Ion: 76 Resp: 200177
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#17

Allyl chloride

Concen: 18.987 ug/l

RT: 5.018 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

EFF-WWMSD

Tgt Ion: 41 Resp: 111496

Ion Ratio Lower Upper

41 100

39 76.4 38.3 114.9

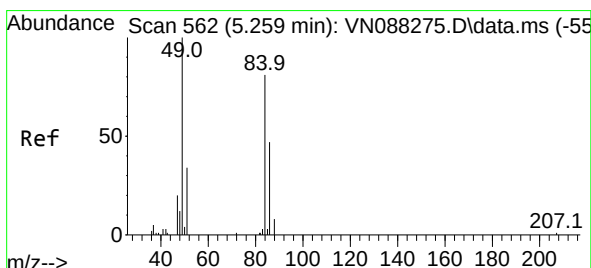
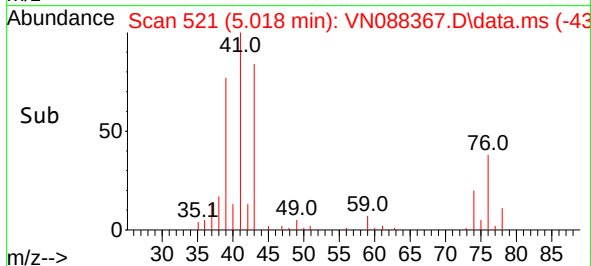
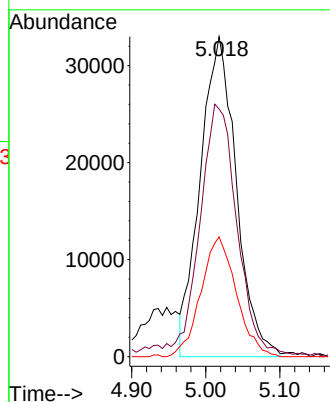
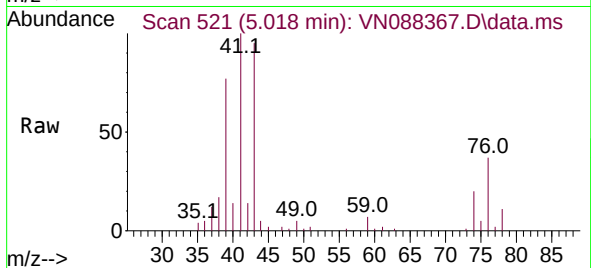
76 37.8 18.5 55.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Semsettin Yesilyurt 12/01/2025



#18

Methylene Chloride

Concen: 19.668 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.012 min

Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

Tgt Ion: 84 Resp: 73875

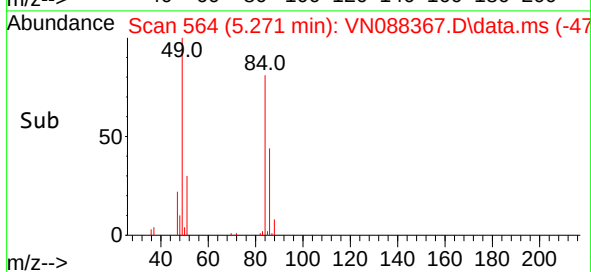
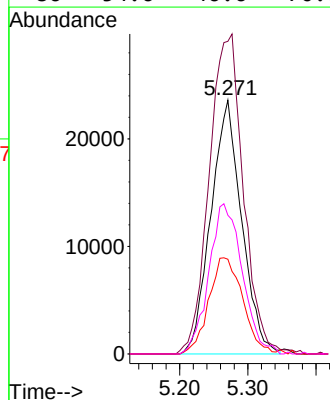
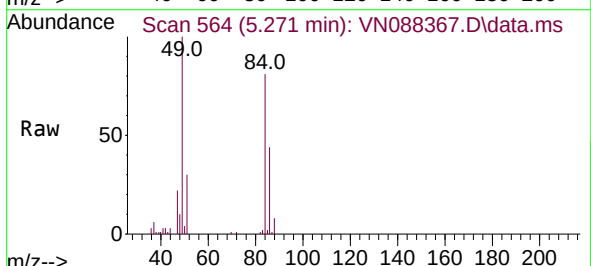
Ion Ratio Lower Upper

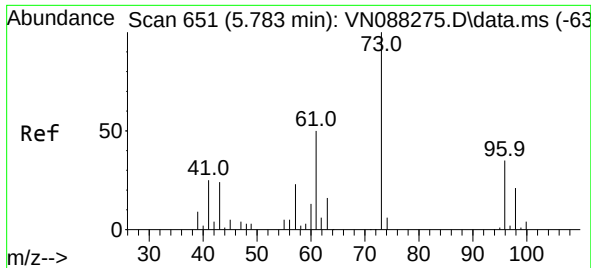
84 100

49 121.9 98.7 148.1

51 37.3 33.7 50.5

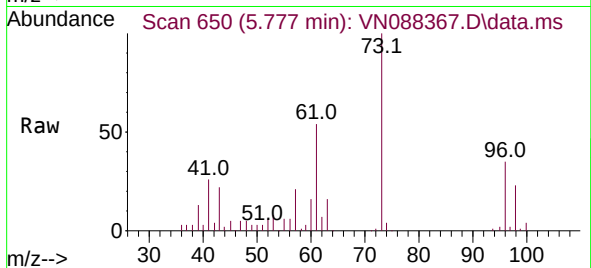
86 54.6 46.6 70.0





#19
trans-1,2-Dichloroethene
Concen: 19.284 ug/l
RT: 5.777 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

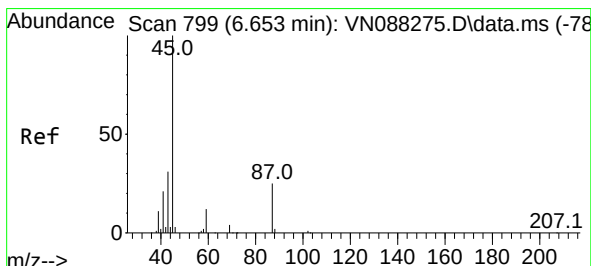
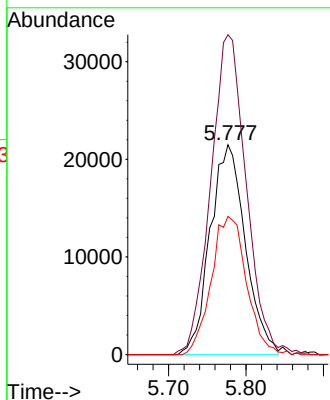
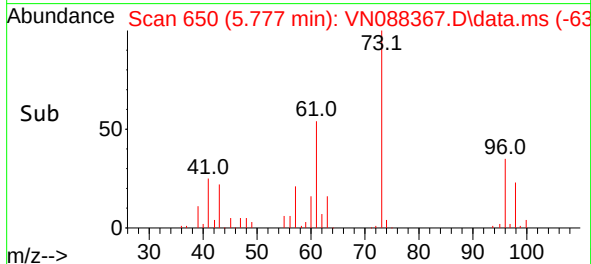
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



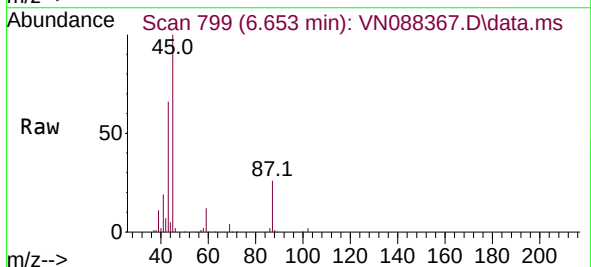
Tgt Ion: 96 Resp: 67856
Ion Ratio Lower Upper
96 100
61 150.8 117.0 175.4
98 65.8 48.6 72.8

Manual Integrations
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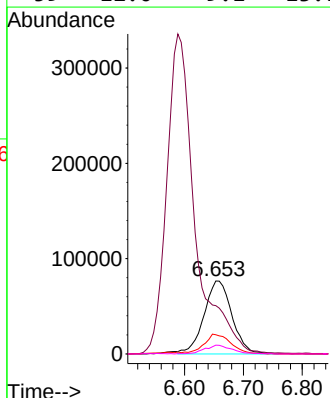
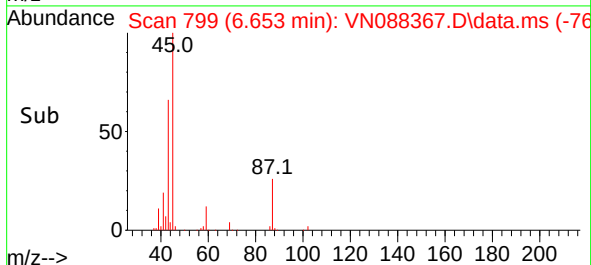
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

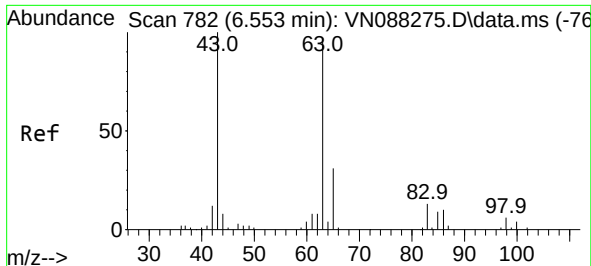


#20
Diisopropyl ether
Concen: 20.092 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43



Tgt Ion: 45 Resp: 252115
Ion Ratio Lower Upper
45 100
43 64.8 51.9 77.9
87 26.4 21.1 31.7
59 12.0 9.1 13.7





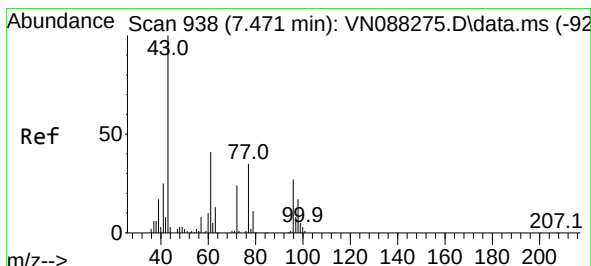
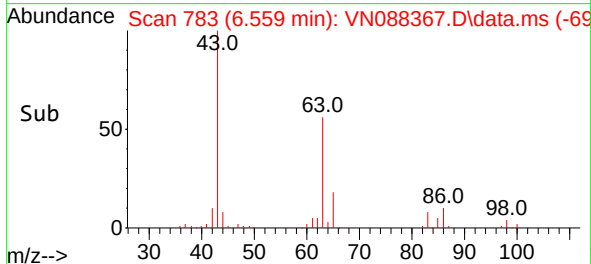
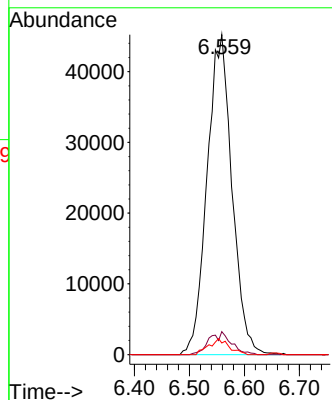
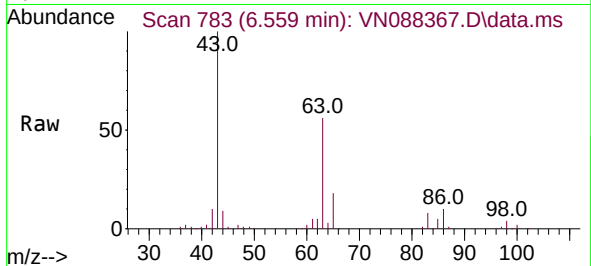
#21
1,1-Dichloroethane
Concen: 20.108 ug/l
RT: 6.559 min Scan# 782
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD

Tgt Ion: 63 Resp: 142150
Ion Ratio Lower Upper
63 100
98 7.2 3.0 9.0
100 3.6 2.1 6.3

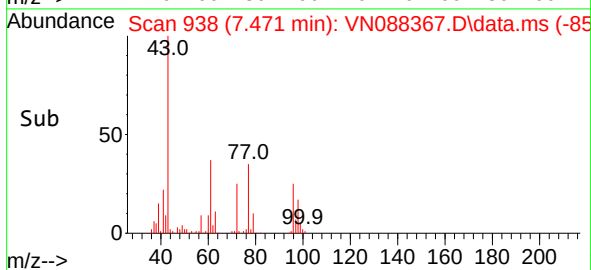
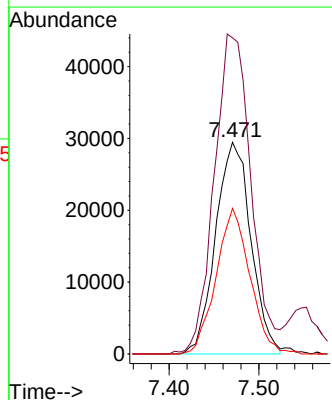
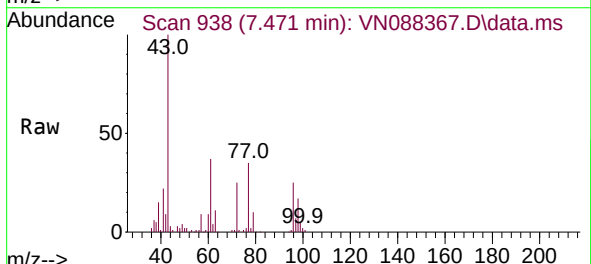
Manual Integrations
APPROVED

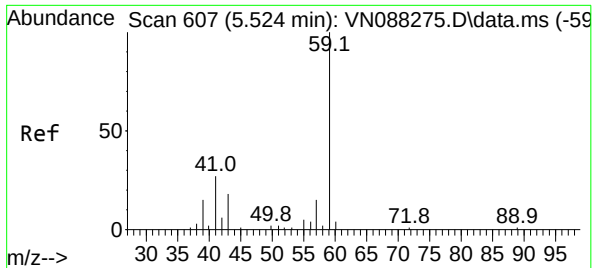
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#22
cis-1,2-Dichloroethene
Concen: 19.746 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Tgt Ion: 96 Resp: 80755
Ion Ratio Lower Upper
96 100
61 157.5 131.2 196.8
98 65.9 51.0 76.4





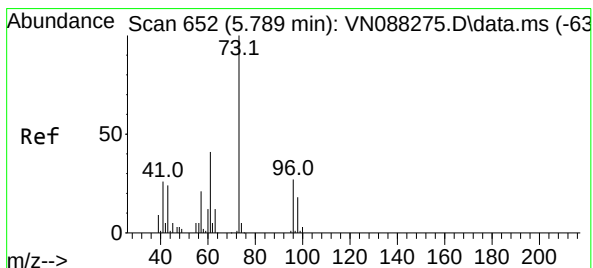
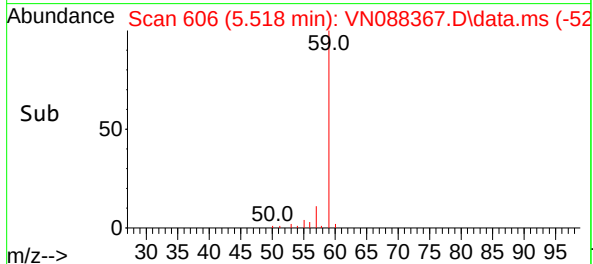
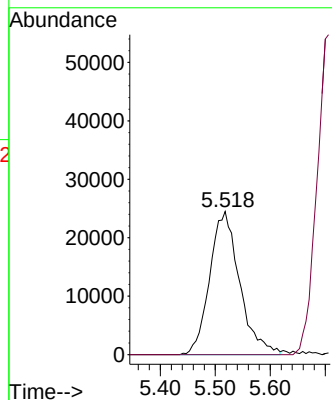
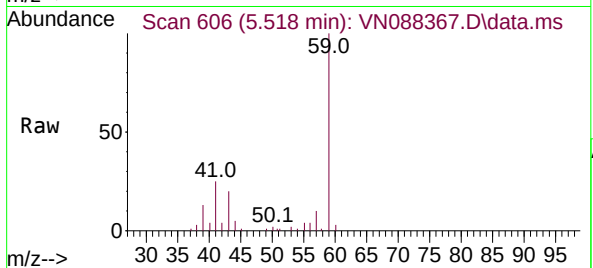
#23
tert-Butyl Alcohol
Concen: 113.373 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD

Tgt Ion: 59 Resp: 92347
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

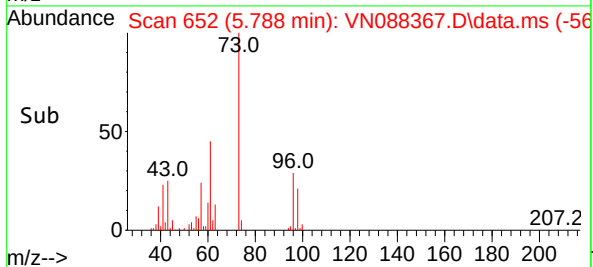
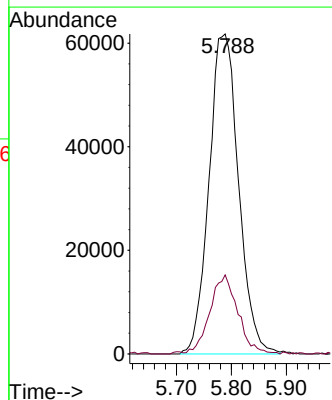
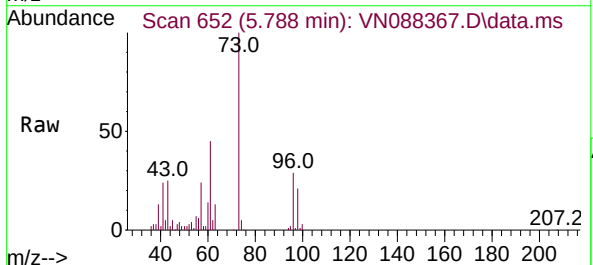
Manual Integrations
APPROVED

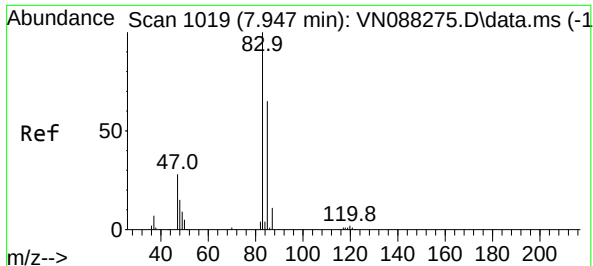
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#24
Methyl tert-Butyl Ether
Concen: 18.933 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Tgt Ion: 73 Resp: 230676
Ion Ratio Lower Upper
73 100
43 23.2 18.5 27.7





#25

Chloroform

Concen: 23.403 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

EFF-WWMSD

Tgt Ion: 83 Resp: 16394

Ion Ratio Lower Upper

83 100

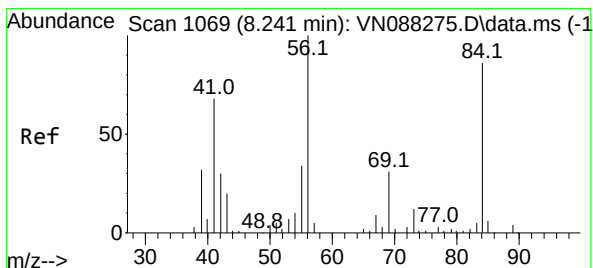
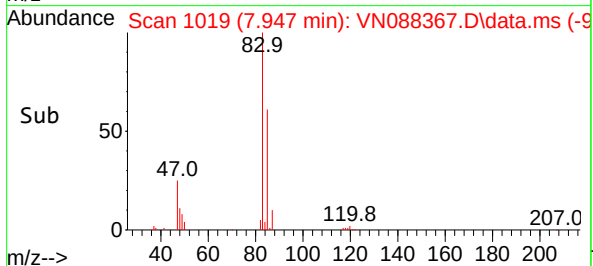
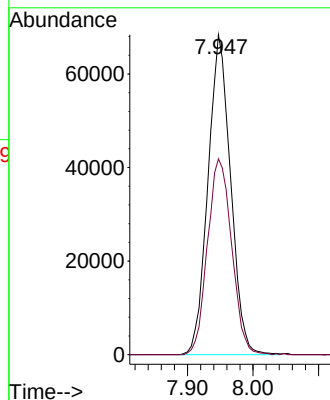
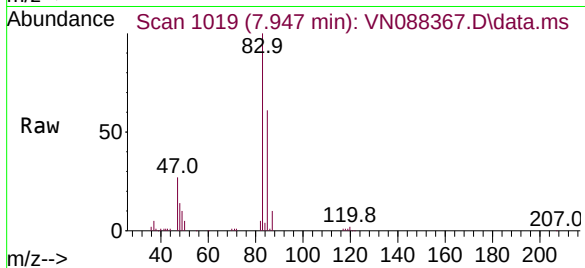
85 61.2 52.2 78.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Semsettin Yesilyurt 12/01/2025



#26

Cyclohexane

Concen: 19.117 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

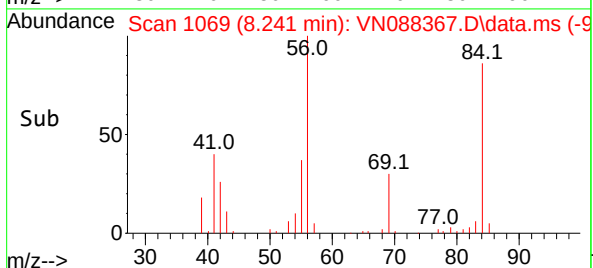
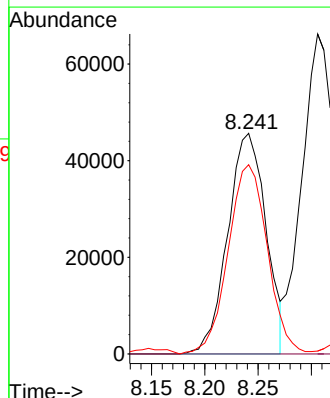
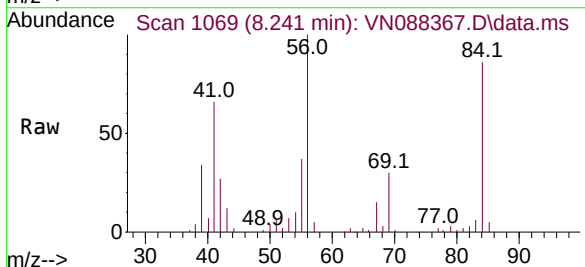
Tgt Ion: 56 Resp: 114157

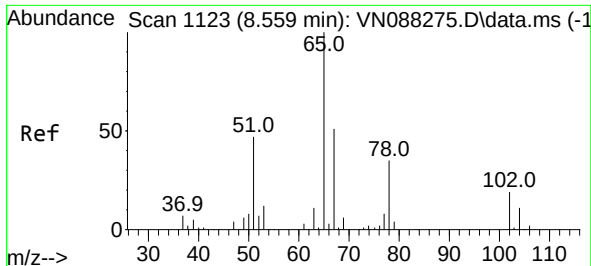
Ion Ratio Lower Upper

56 100

89 0.0 7.3 10.9

84 87.8 67.8 101.8





#27

1,2-Dichloroethane-d4

Concen: 27.822 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

EFF-WWMSD

Tgt Ion: 65 Resp: 139654

Ion Ratio Lower Upper

65 100

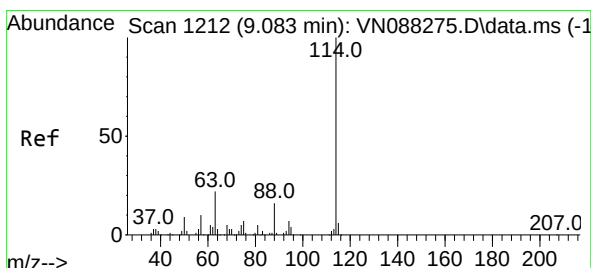
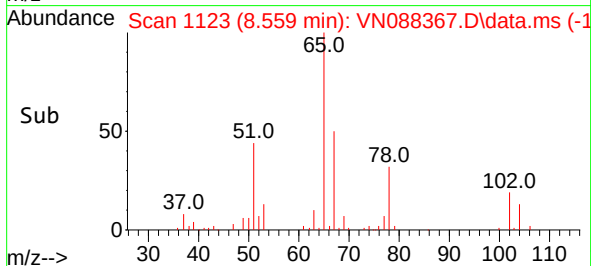
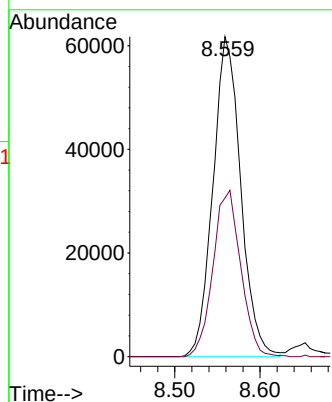
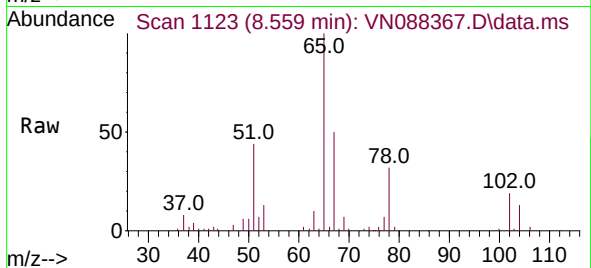
67 52.0 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Semsettin Yesilyurt 12/01/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

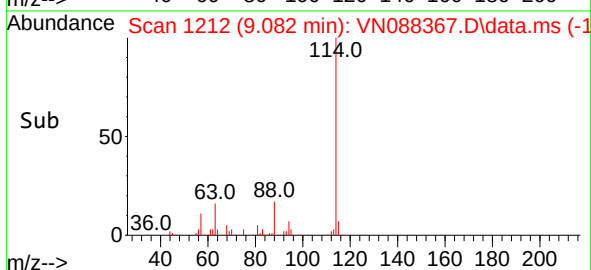
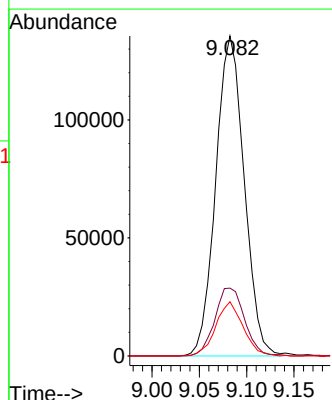
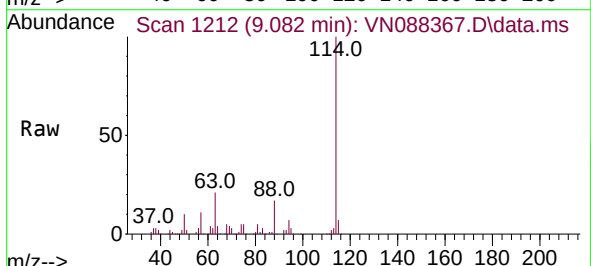
Tgt Ion:114 Resp: 283065

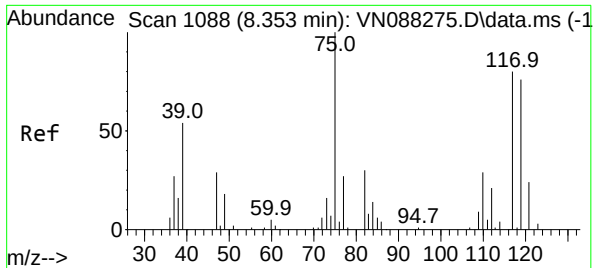
Ion Ratio Lower Upper

114 100

63 22.2 18.9 28.3

88 16.2 12.8 19.2





#29

1,1-Dichloropropene

Concen: 20.980 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

EFF-WWMSD

Tgt Ion: 75 Resp: 99088

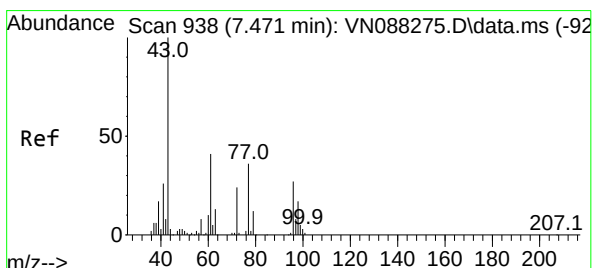
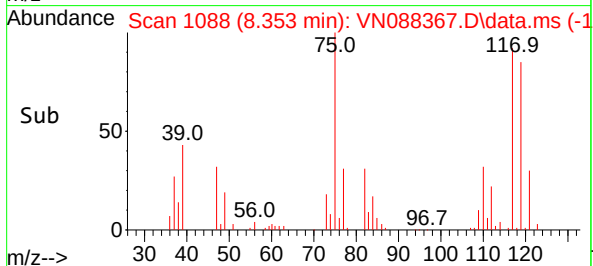
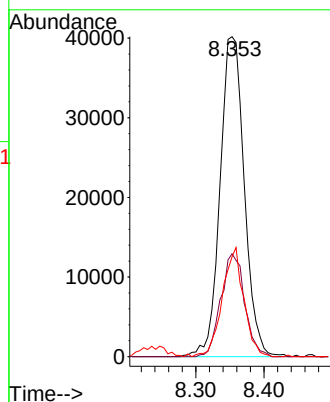
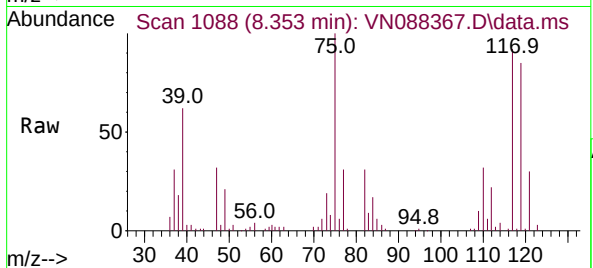
Ion	Ratio	Lower	Upper
75	100		
110	31.6	0.0	65.6
77	30.2	0.0	60.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Semsettin Yesilyurt 12/01/2025



#30

2-Butanone

Concen: 109.476 ug/l

RT: 7.471 min Scan# 938

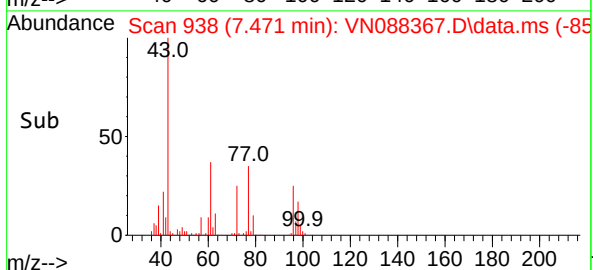
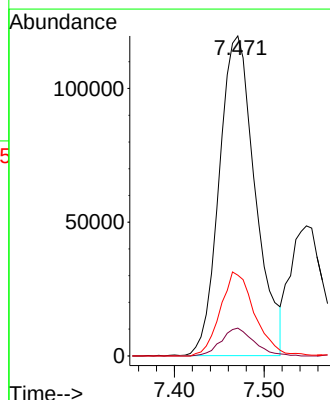
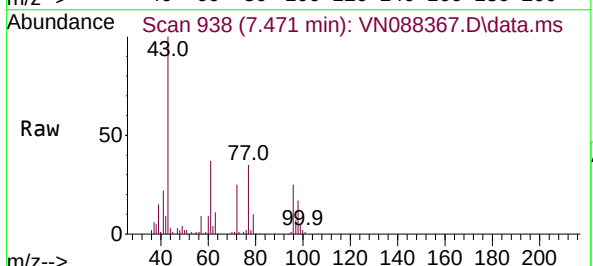
Delta R.T. -0.000 min

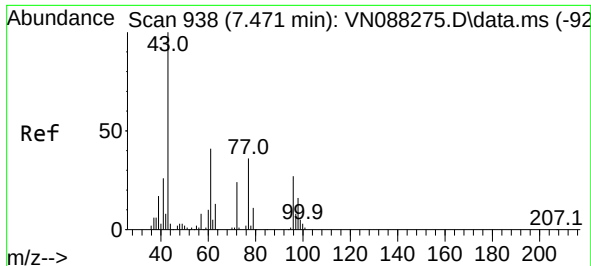
Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

Tgt Ion: 43 Resp: 334469

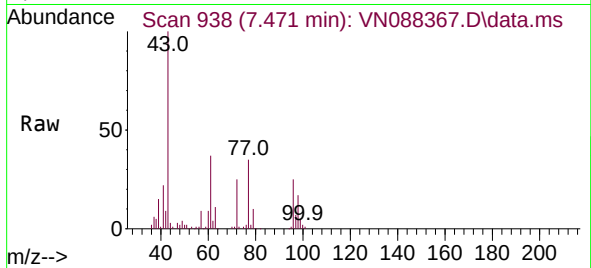
Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.2	9.4
72	24.8	19.4	29.2





#31
2,2-Dichloropropane
Concen: 20.426 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

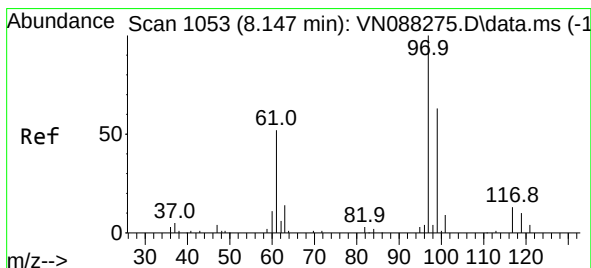
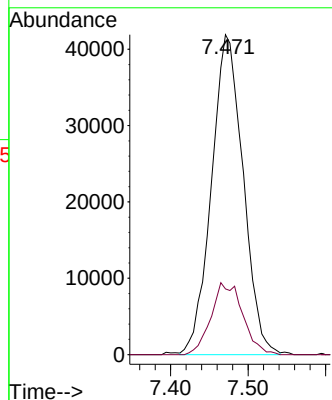
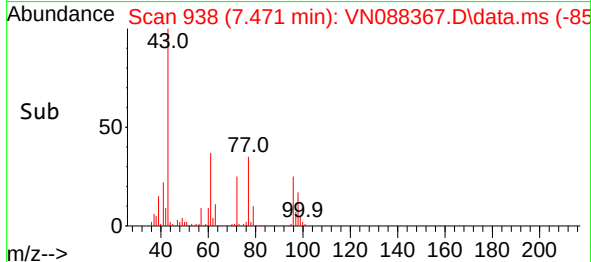
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



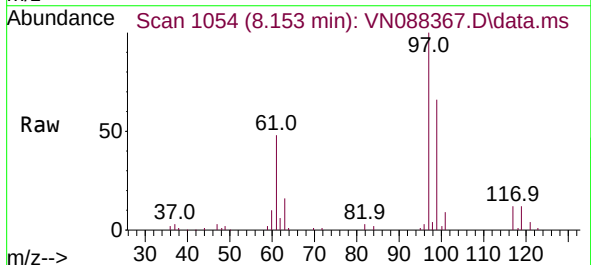
Tgt Ion: 77 Resp: 118992
Ion Ratio Lower Upper
77 100
97 13.9 16.8 25.2

Manual Integrations
APPROVED

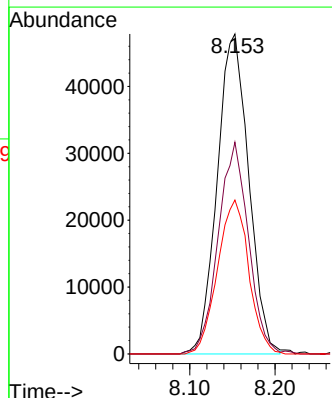
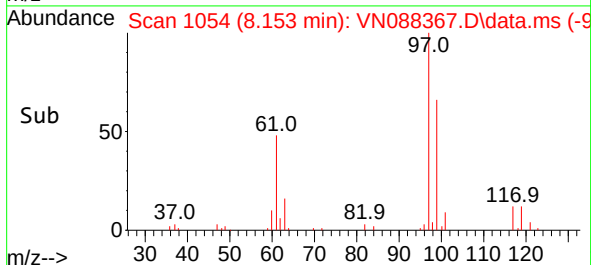
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

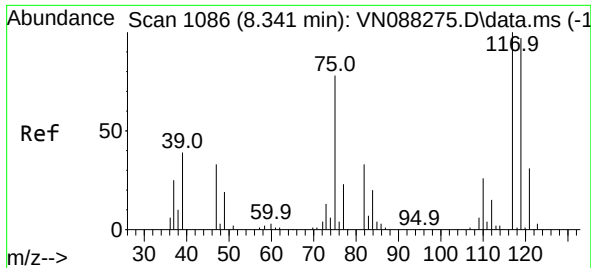


#32
1,1,1-Trichloroethane
Concen: 21.100 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43



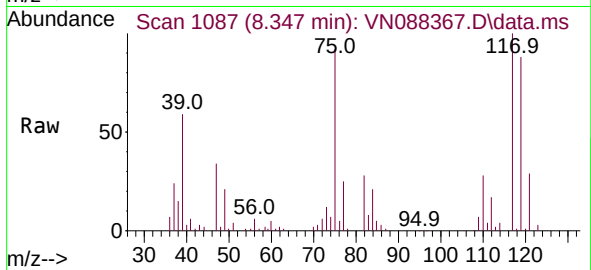
Tgt Ion: 97 Resp: 122849
Ion Ratio Lower Upper
97 100
99 63.3 50.2 75.4
61 47.7 39.8 59.8





#33
Carbon Tetrachloride
Concen: 21.216 ug/l
RT: 8.347 min Scan# 1086
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

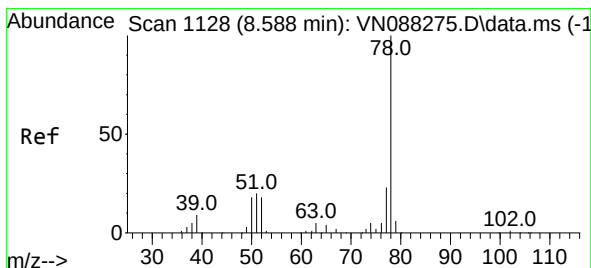
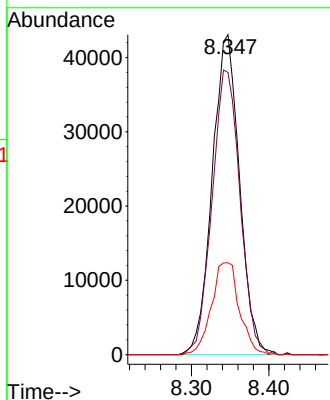
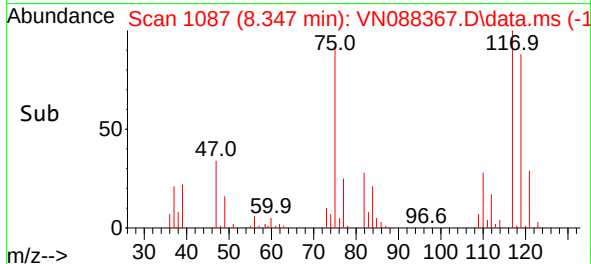
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



Tgt Ion: 117 Resp: 105485
Ion Ratio Lower Upper
117 100
119 88.2 77.8 116.8
121 28.7 24.5 36.7

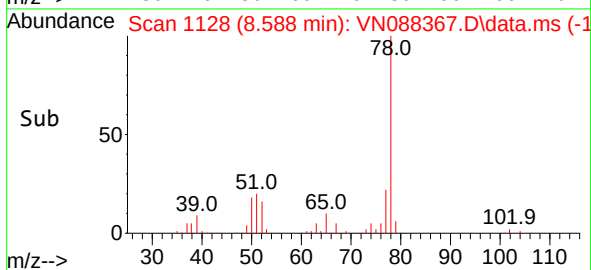
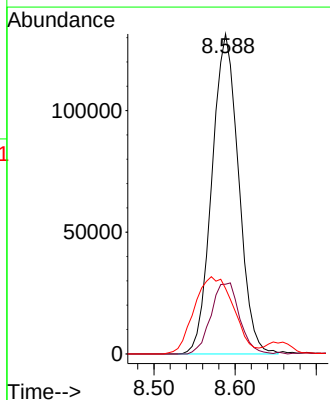
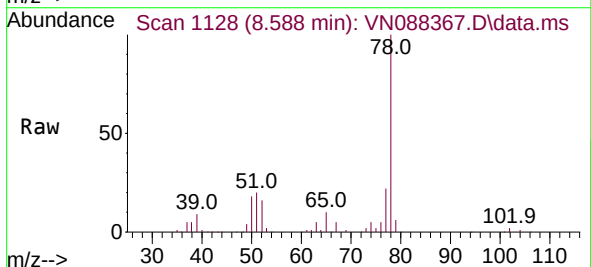
Manual Integrations
APPROVED

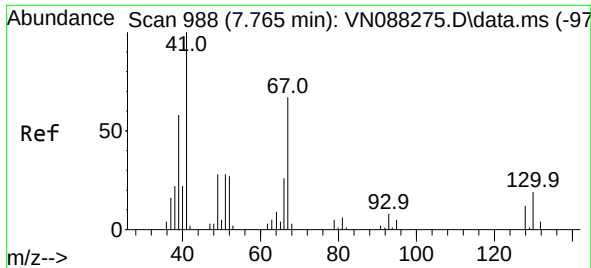
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#34
Benzene
Concen: 21.220 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Tgt Ion: 78 Resp: 299578
Ion Ratio Lower Upper
78 100
77 21.8 18.6 27.8
51 18.7 15.8 23.8





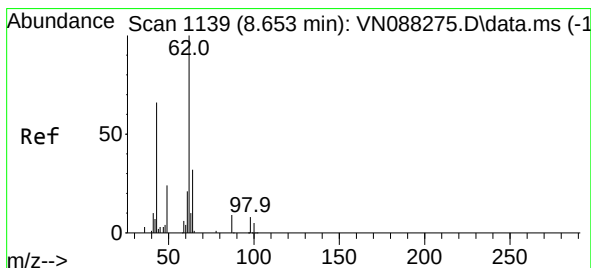
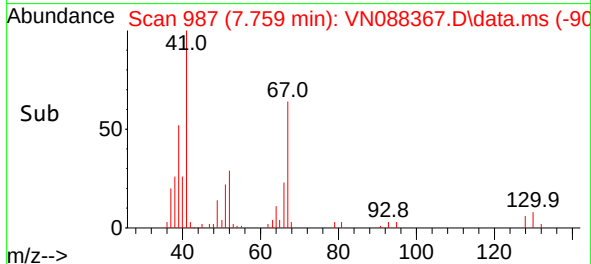
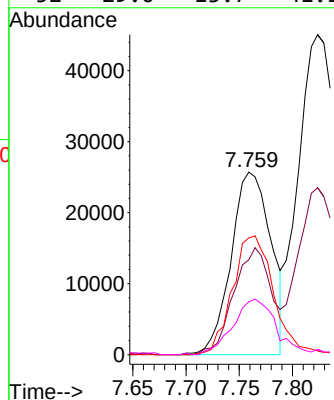
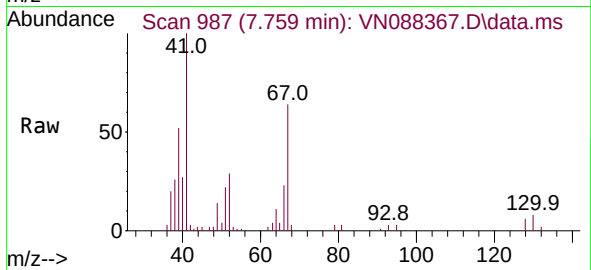
#35
Methacrylonitrile
Concen: 20.990 ug/l
RT: 7.759 min Scan# 988
Delta R.T. -0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD

Tgt Ion: 41 Resp: 66890
Ion Ratio Lower Upper
41 100
39 51.9 29.0 87.0
67 64.0 33.3 99.9
52 29.0 13.7 41.1

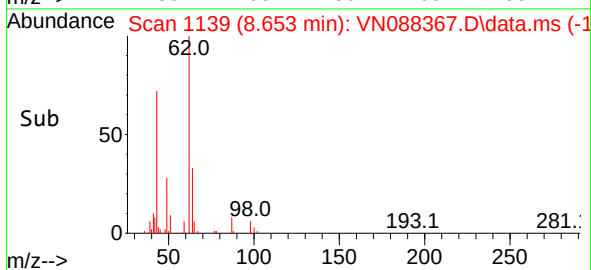
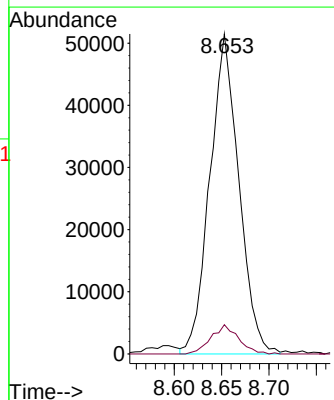
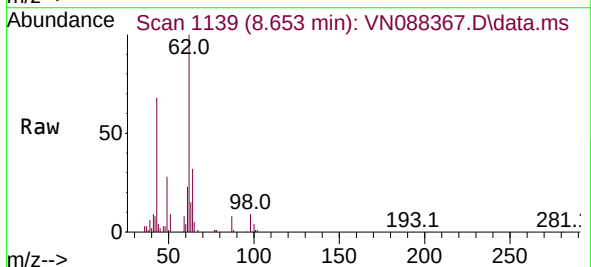
Manual Integrations
APPROVED

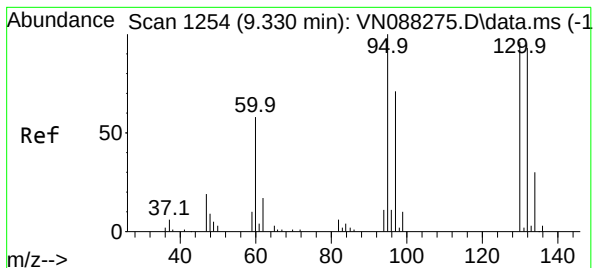
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#36
1,2-Dichloroethane
Concen: 19.963 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Tgt Ion: 62 Resp: 109681
Ion Ratio Lower Upper
62 100
98 8.6 6.8 10.2





#37

Trichloroethene

Concen: 22.000 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.006 min

Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

EFF-WWMSD

Tgt Ion:130 Resp: 70385

Ion Ratio Lower Upper

130 100

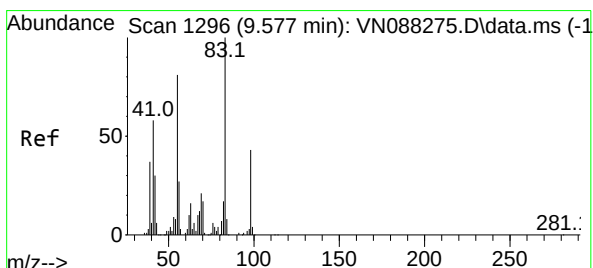
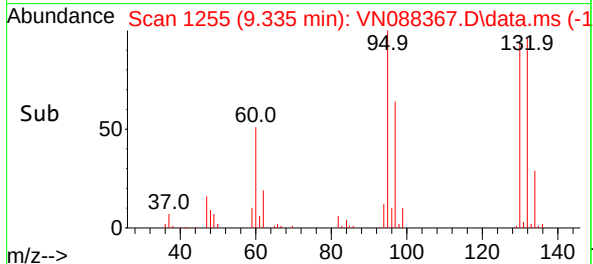
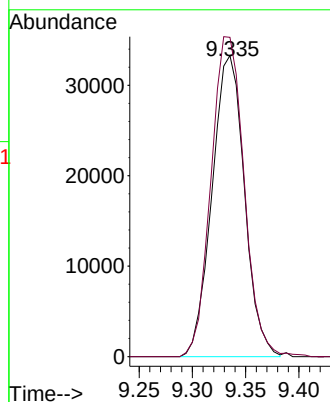
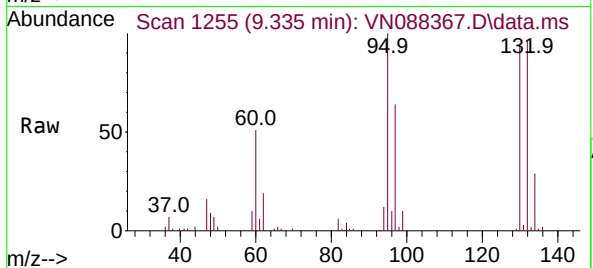
95 106.1 83.7 125.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Semsettin Yesilyurt 12/01/2025



#38

Methylcyclohexane

Concen: 21.044 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

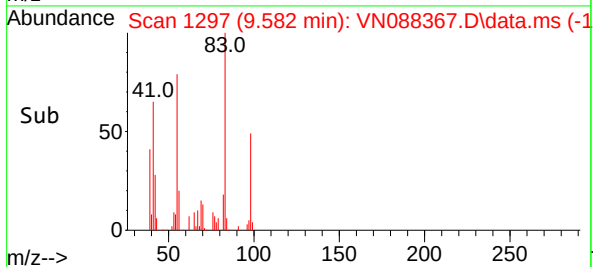
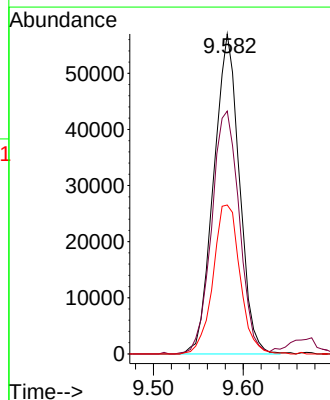
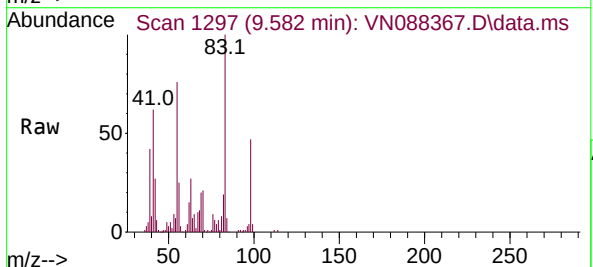
Tgt Ion: 83 Resp: 113952

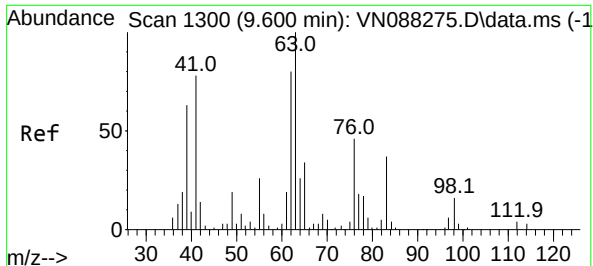
Ion Ratio Lower Upper

83 100

55 81.4 40.8 122.5

98 48.8 23.4 70.3





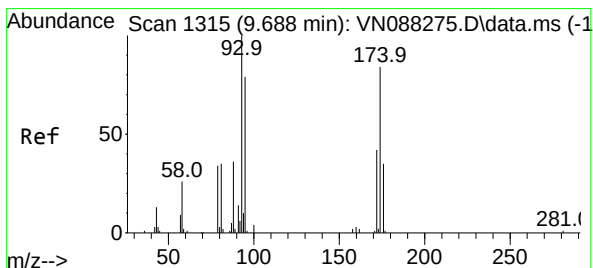
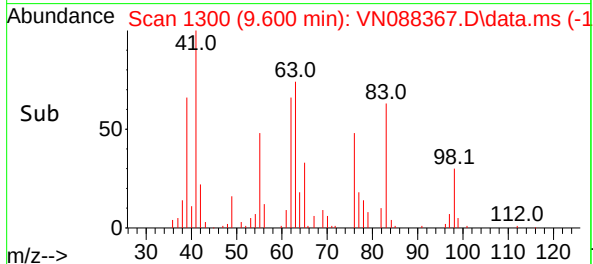
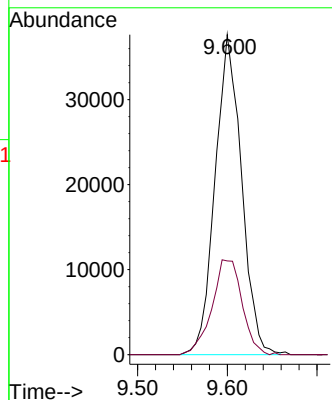
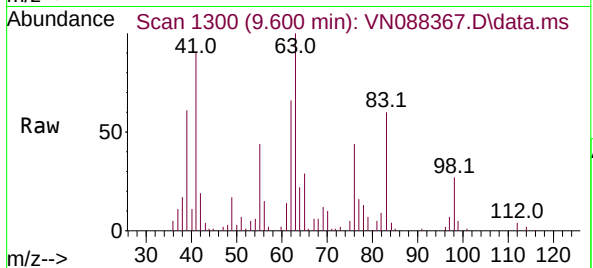
#39
1,2-Dichloropropane
Concen: 21.189 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD

Tgt Ion: 63 Resp: 77179
Ion Ratio Lower Upper
63 100
65 29.3 27.8 41.6

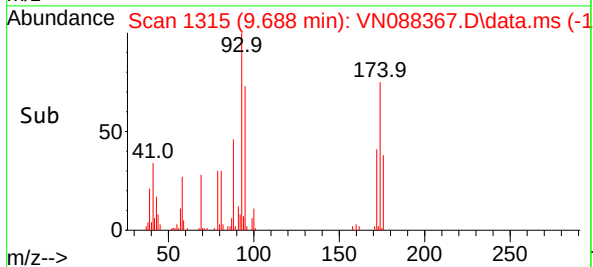
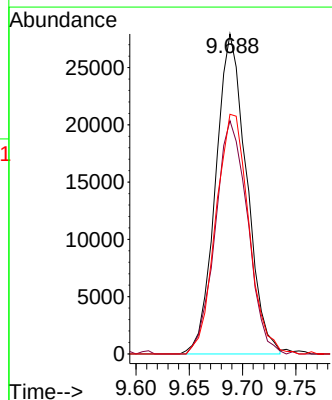
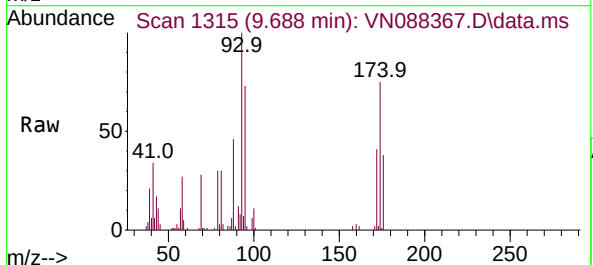
Manual Integrations
APPROVED

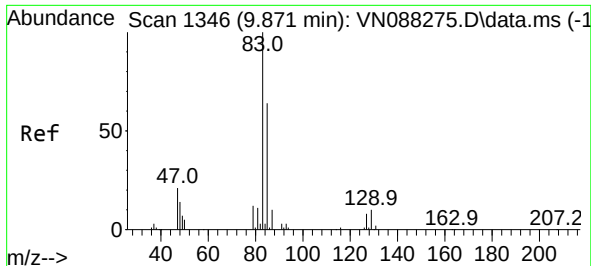
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#40
Dibromomethane
Concen: 21.550 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

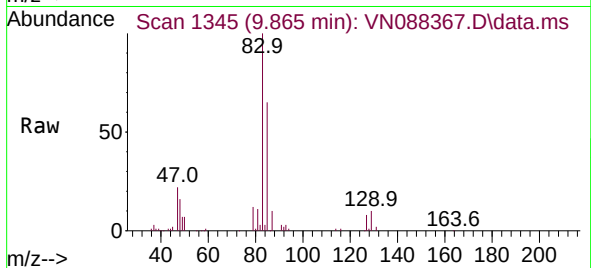
Tgt Ion: 93 Resp: 56395
Ion Ratio Lower Upper
93 100
95 76.1 0.0 161.6
174 79.9 0.0 158.2





#41
Bromodichloromethane
Concen: 21.035 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

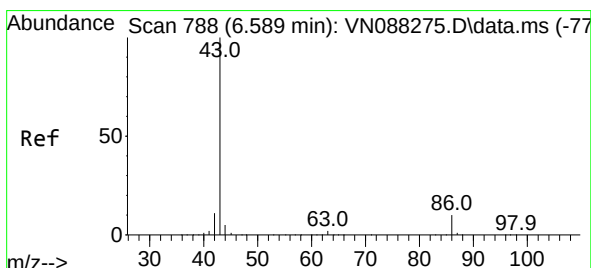
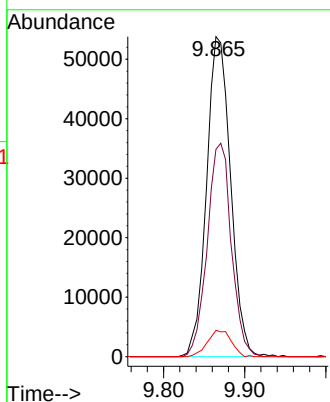
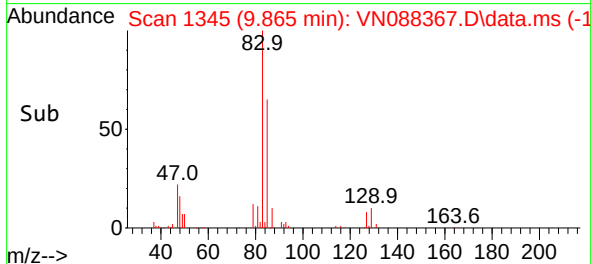
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



Tgt Ion: 83 Resp: 110812
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.2
127 8.2 6.4 9.6

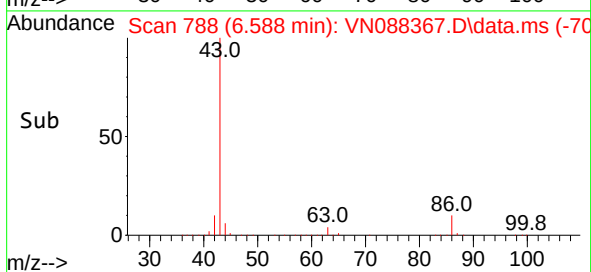
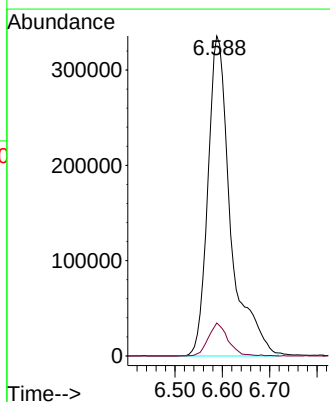
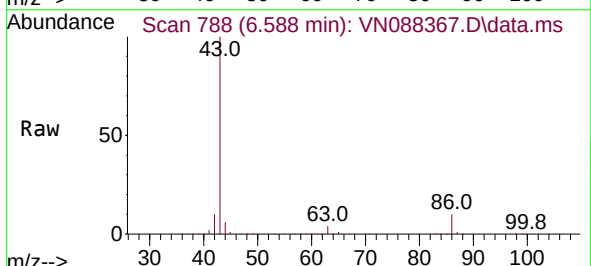
Manual Integrations
APPROVED

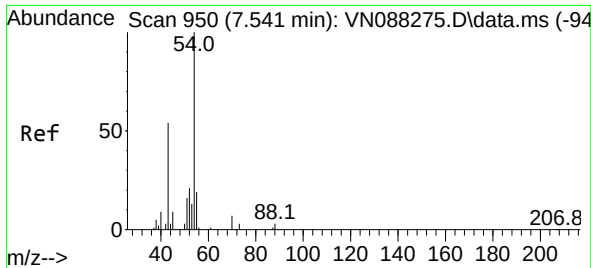
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#42
Vinyl Acetate
Concen: 109.979 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

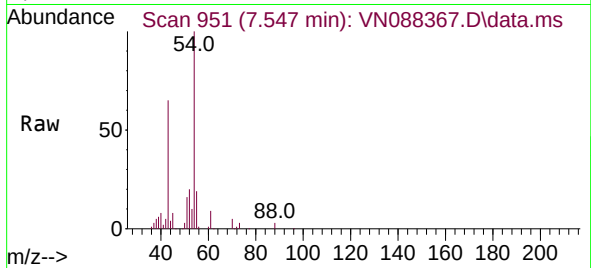
Tgt Ion: 43 Resp: 1121454
Ion Ratio Lower Upper
43 100
86 8.8 7.4 11.2





#43
Ethyl Acetate
Concen: 21.551 ug/l
RT: 7.547 min Scan# 951
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

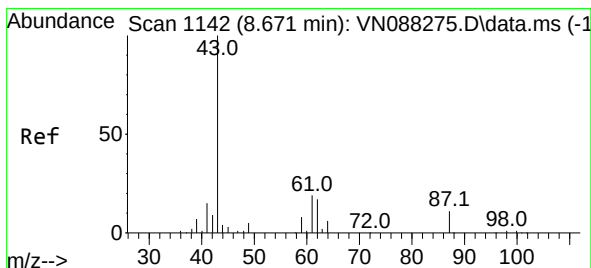
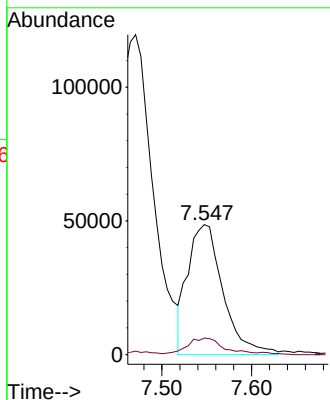
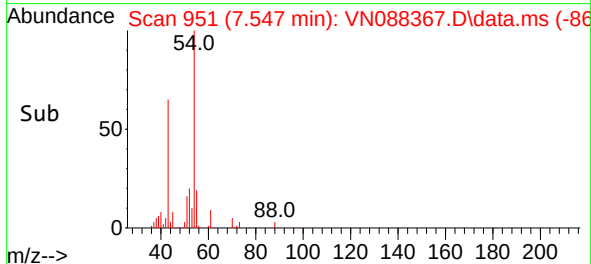
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



Tgt Ion: 43 Resp: 132478
Ion Ratio Lower Upper
43 100
45 12.0 9.9 14.9

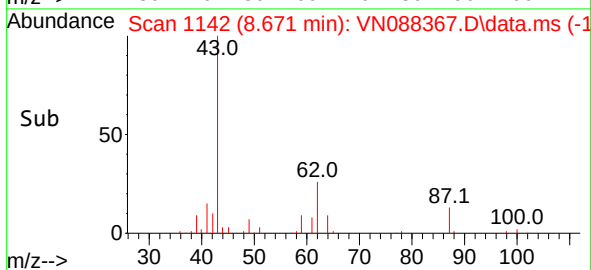
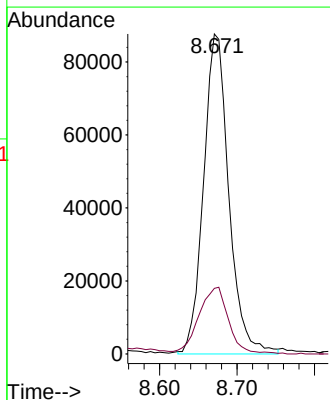
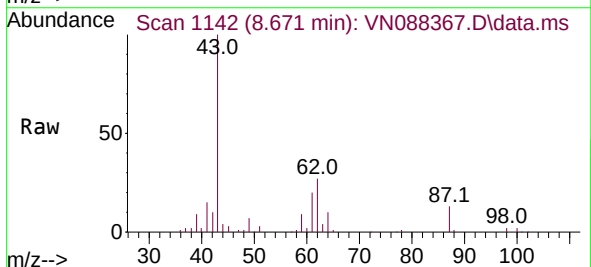
Manual Integrations
APPROVED

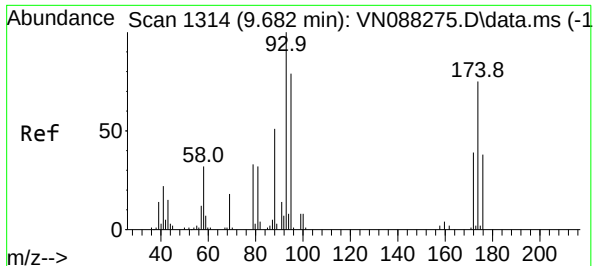
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#44
Isopropyl Acetate
Concen: 20.983 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

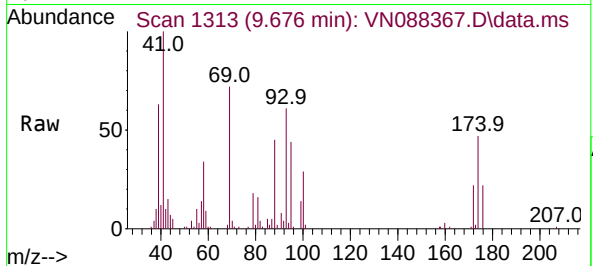
Tgt Ion: 43 Resp: 198782
Ion Ratio Lower Upper
43 100
61 22.7 19.0 28.6





#45
1,4-Dioxane
Concen: 541.135 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

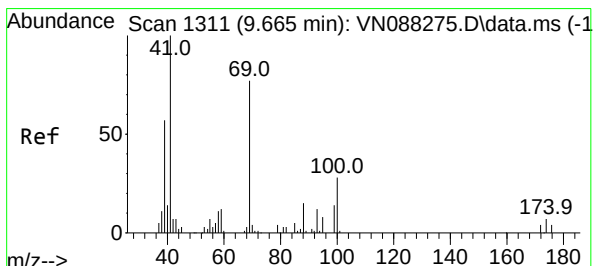
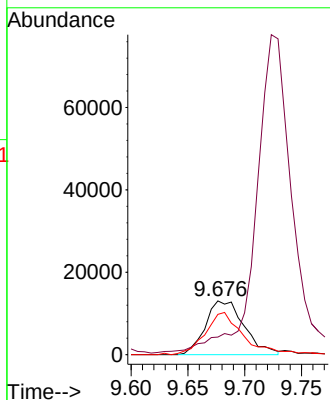
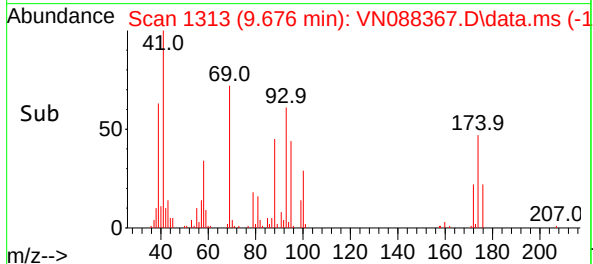
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



Tgt Ion: 88 Resp: 3087
Ion Ratio Lower Upper
88 100
43 29.0 27.8 41.8
58 75.2 59.5 89.3

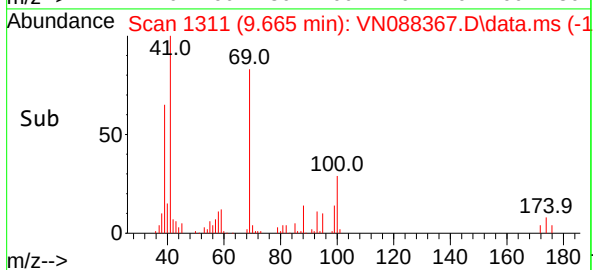
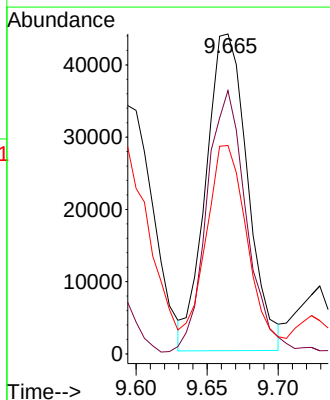
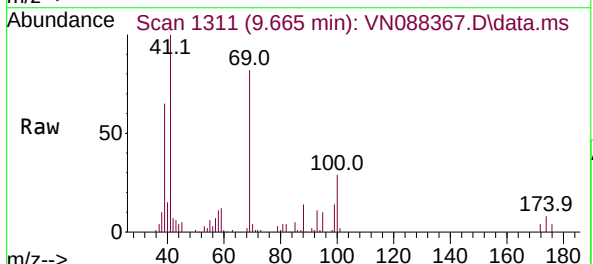
Manual Integrations
APPROVED

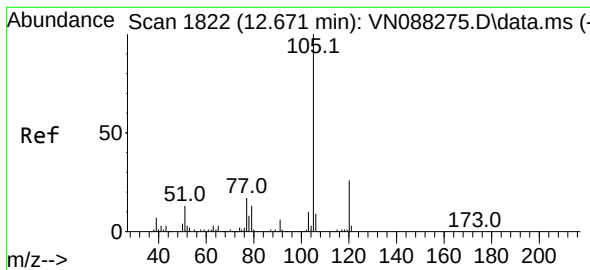
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#46
Methyl methacrylate
Concen: 20.237 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Tgt Ion: 41 Resp: 89714
Ion Ratio Lower Upper
41 100
69 88.2 38.5 115.3
39 65.8 29.0 87.1





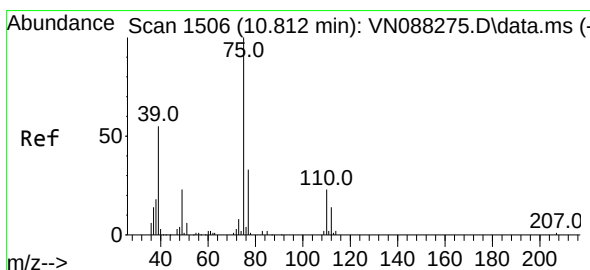
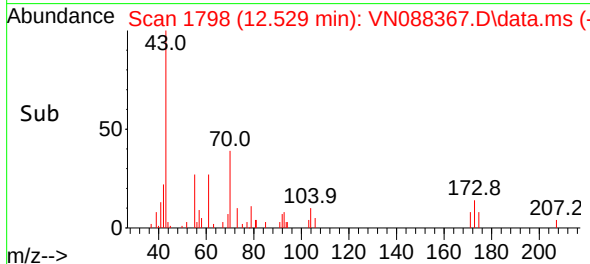
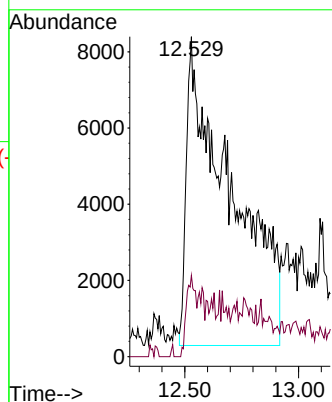
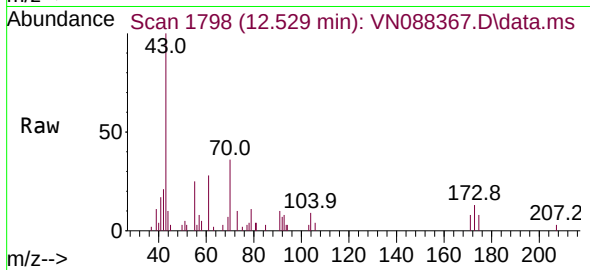
#47
n-amy1 Acetate
Concen: 22.562 ug/l m
RT: 12.529 min Scan# 1
Delta R.T. -0.141 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD

Tgt Ion: 43 Resp: 108310
Ion Ratio Lower Upper
43 100
55 1.6 0.0 0.0

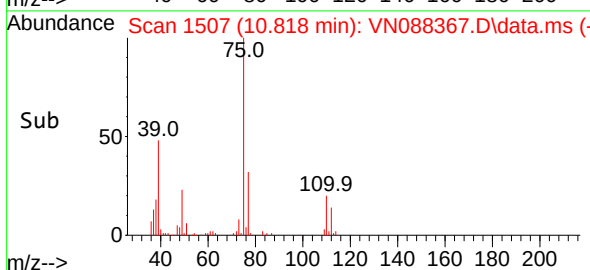
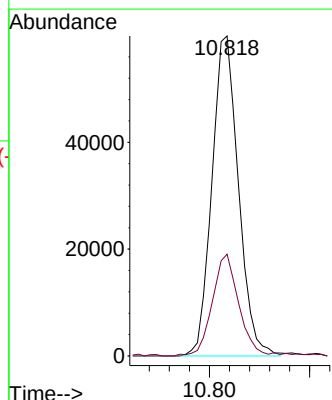
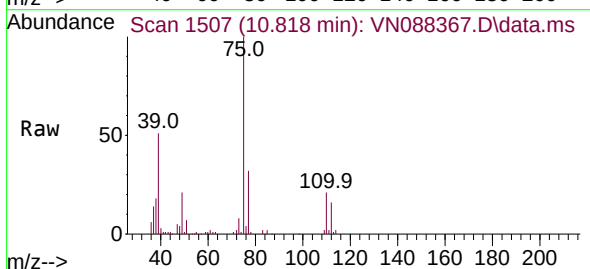
Manual Integrations
APPROVED

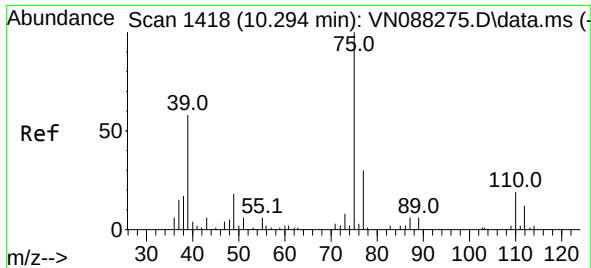
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#48
t-1,3-Dichloropropene
Concen: 19.543 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

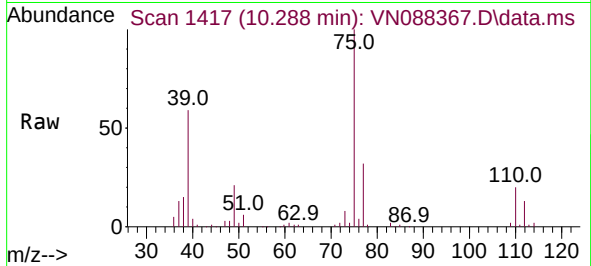
Tgt Ion: 75 Resp: 110120
Ion Ratio Lower Upper
75 100
77 31.4 26.1 39.1





#49
 cis-1,3-Dichloropropene
 Concen: 19.957 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VN088367.D
 Acq: 26 Nov 2025 11:43

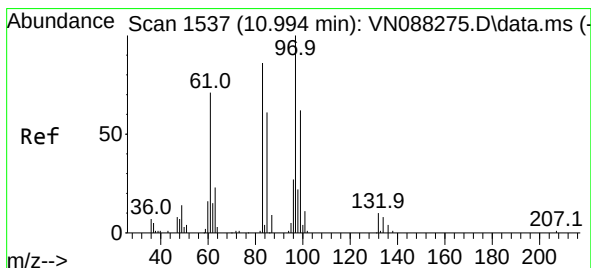
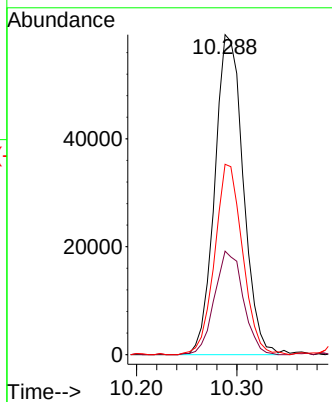
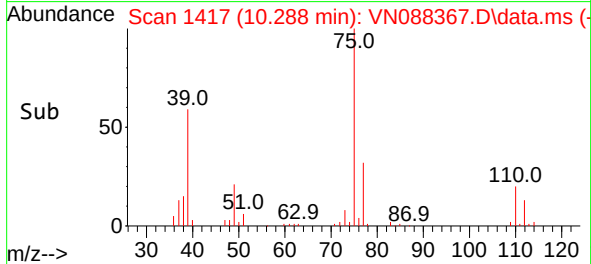
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WWMSD



Tgt Ion: 75 Resp: 117001
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.4 36.6
 39 59.5 46.1 69.1

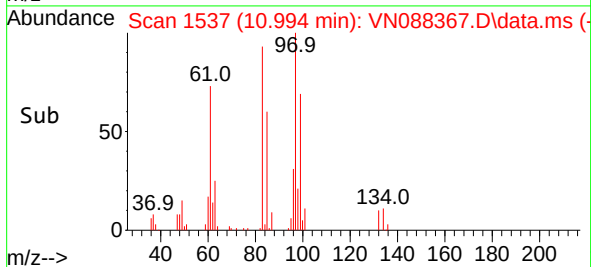
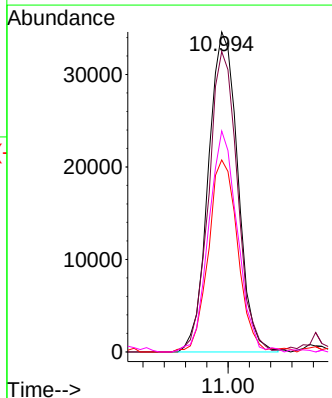
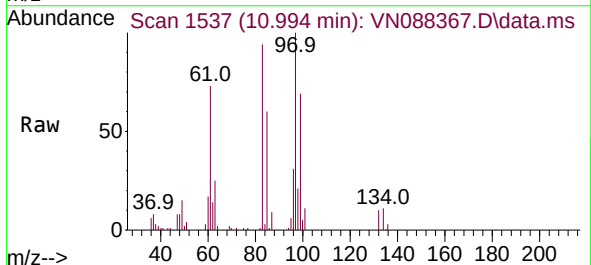
Manual Integrations
 APPROVED

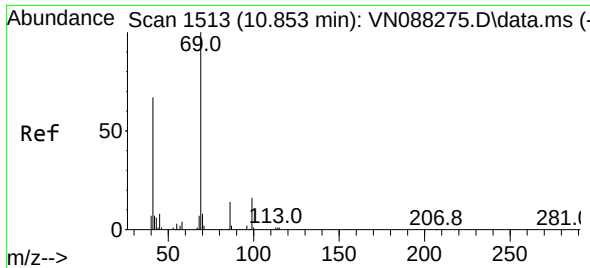
Reviewed By :John Carlone 12/01/2025
 Supervised By :Semsettin Yesilyurt 12/01/2025



#50
 1,1,2-Trichloroethane
 Concen: 20.583 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088367.D
 Acq: 26 Nov 2025 11:43

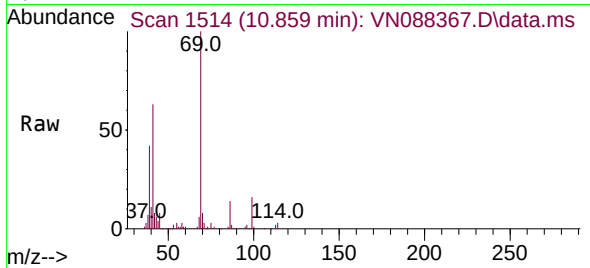
Tgt Ion: 97 Resp: 66605
 Ion Ratio Lower Upper
 97 100
 83 93.2 68.6 102.8
 85 59.1 49.0 73.6
 99 68.5 49.3 73.9





#51
Ethyl methacrylate
Concen: 20.294 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

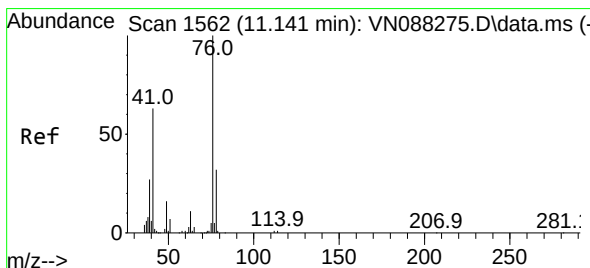
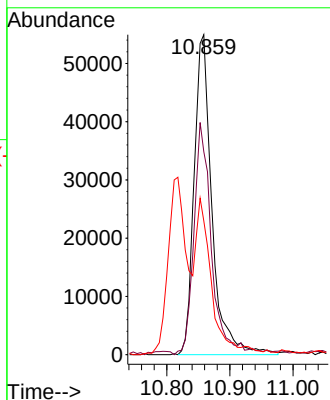
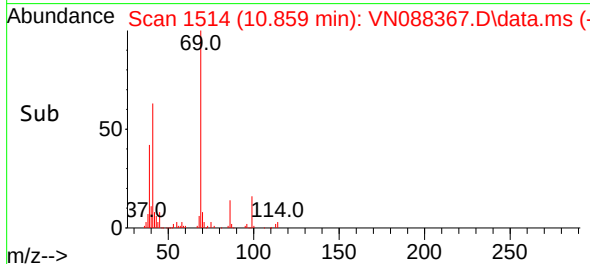
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



Tgt Ion: 69 Resp: 108042
Ion Ratio Lower Upper
69 100
41 62.4 33.6 100.8
39 41.1 23.4 70.2

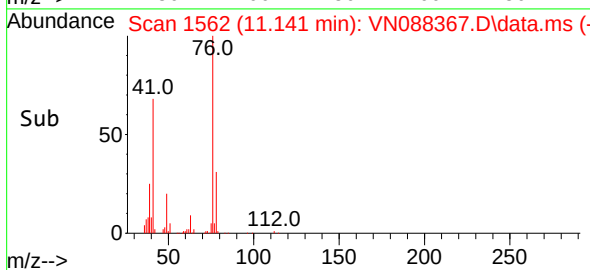
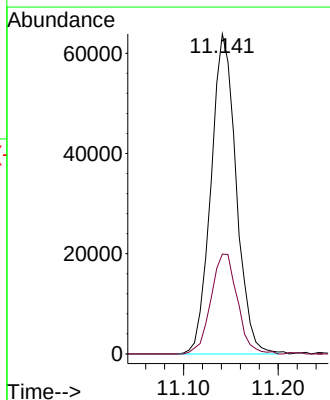
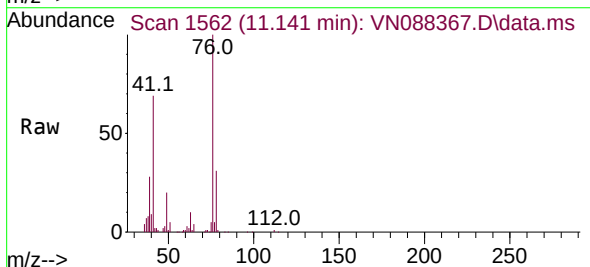
Manual Integrations
APPROVED

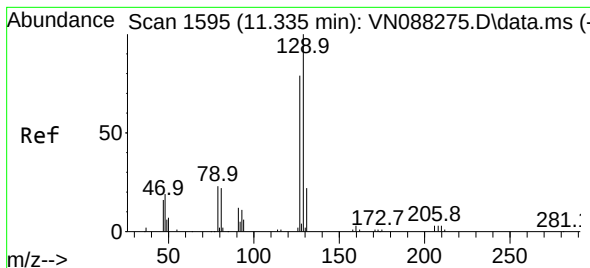
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#52
1,3-Dichloropropane
Concen: 20.049 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Tgt Ion: 76 Resp: 118150
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.2





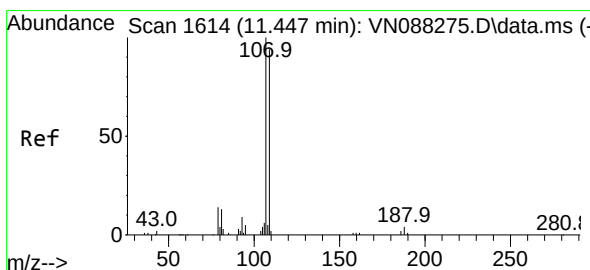
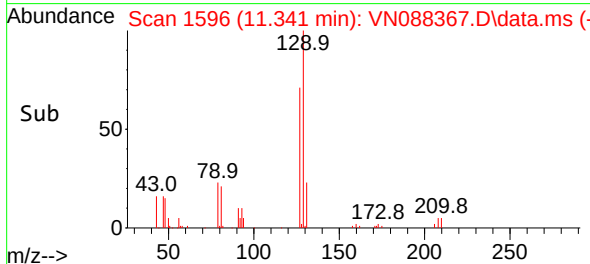
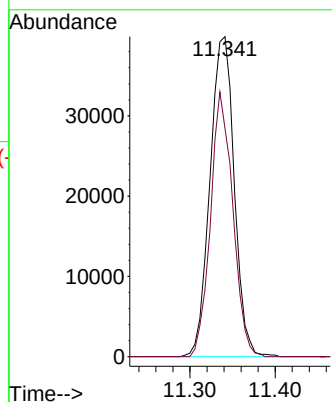
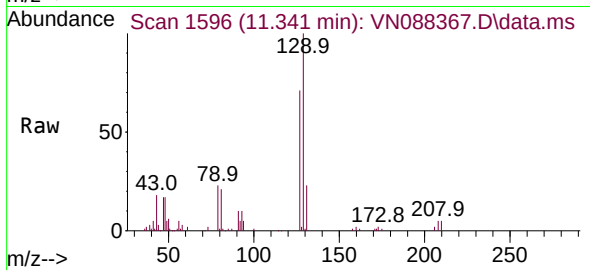
#53
Dibromochloromethane
Concen: 21.212 ug/l
RT: 11.341 min Scan# 11341
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD

Tgt Ion:129 Resp: 78843
Ion Ratio Lower Upper
129 100
127 75.8 38.2 114.6

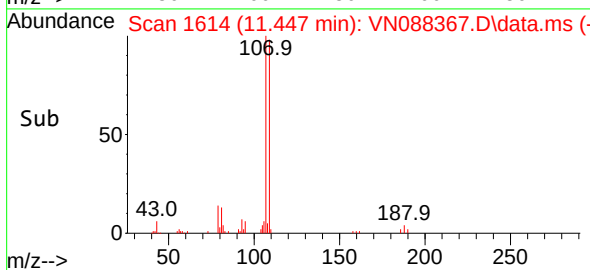
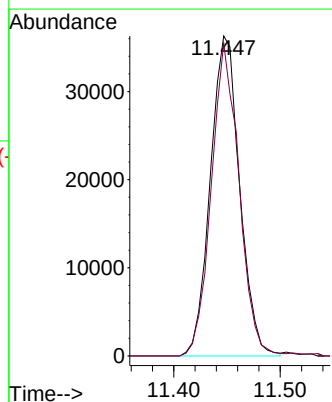
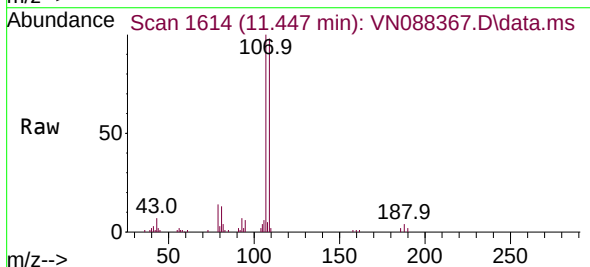
Manual Integrations
APPROVED

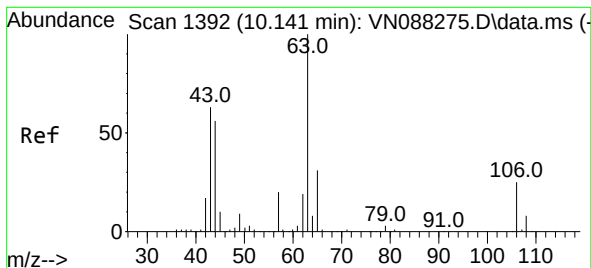
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#54
1,2-Dibromoethane
Concen: 20.624 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Tgt Ion:107 Resp: 69342
Ion Ratio Lower Upper
107 100
109 93.0 76.6 115.0





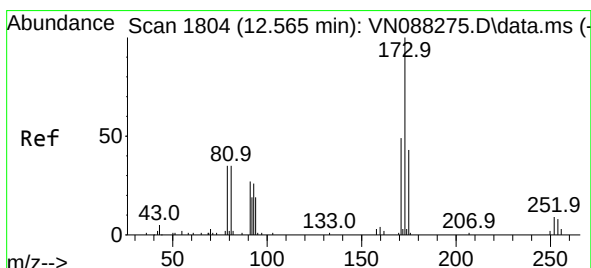
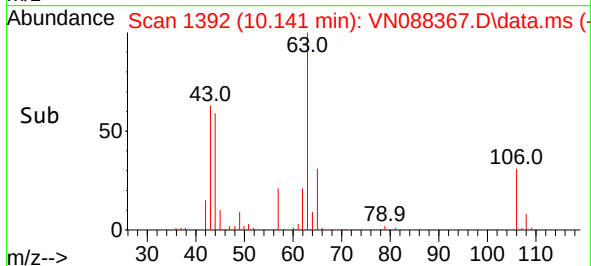
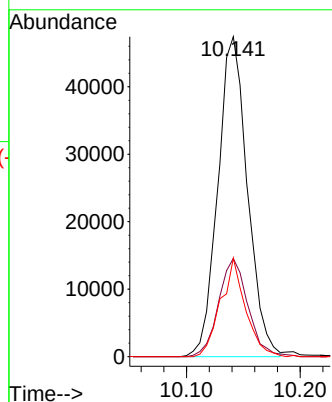
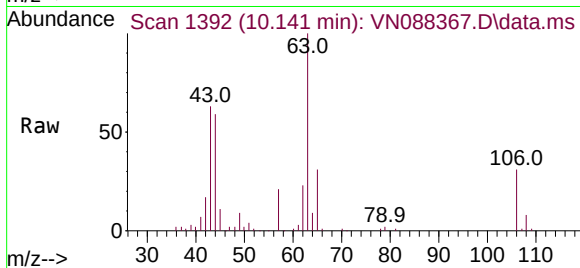
#55
2-Chloroethyl vinyl ether
Concen: 27.927 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD

Tgt Ion: 63 Resp: 8564
Ion Ratio Lower Upper
63 100
65 30.4 24.9 37.3
106 25.9 20.3 30.5

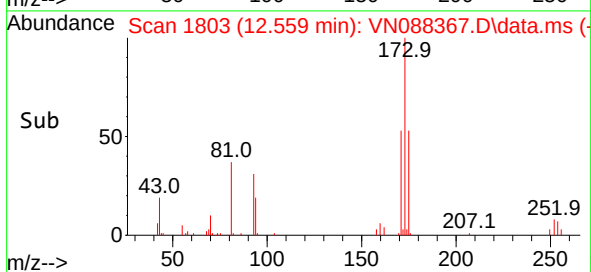
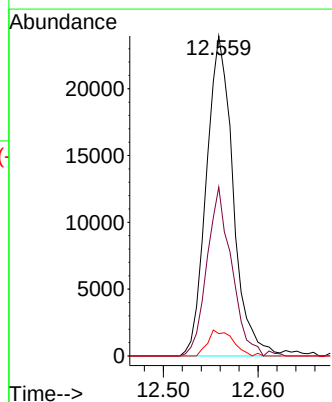
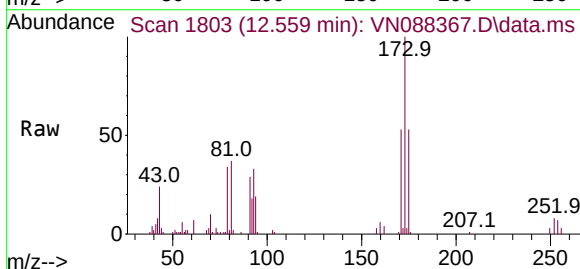
Manual Integrations
APPROVED

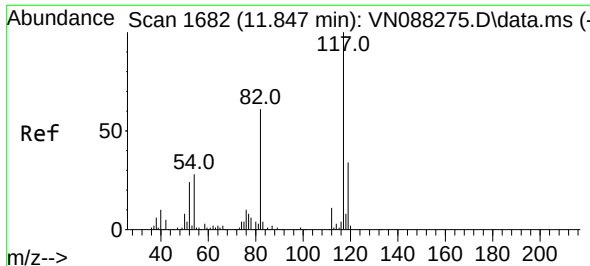
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#56
Bromoform
Concen: 19.927 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

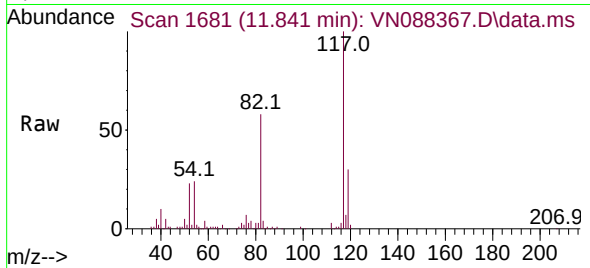
Tgt Ion:173 Resp: 46882
Ion Ratio Lower Upper
173 100
175 48.7 37.7 56.5
254 7.4 5.9 8.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

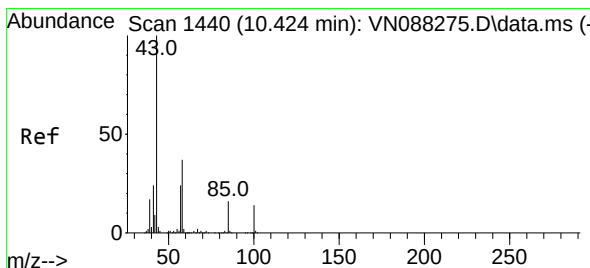
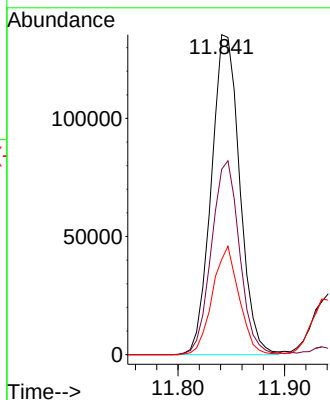
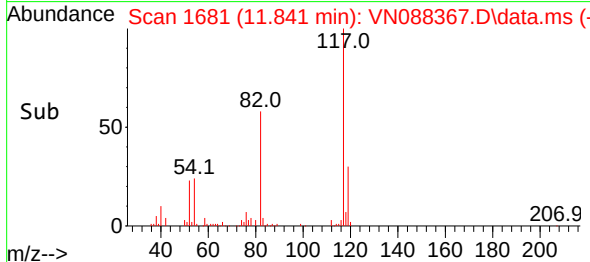
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



Tgt Ion: 117 Resp: 251234
Ion Ratio Lower Upper
117 100
82 60.0 49.3 73.9
119 31.8 26.4 39.6

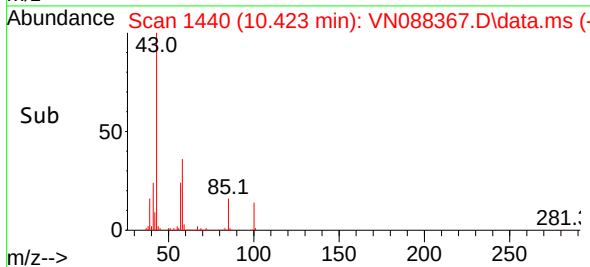
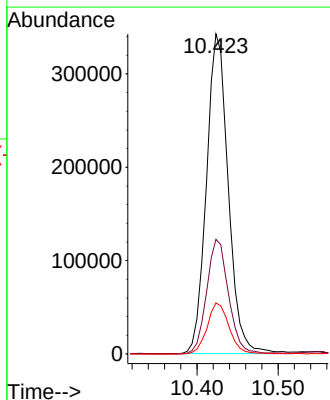
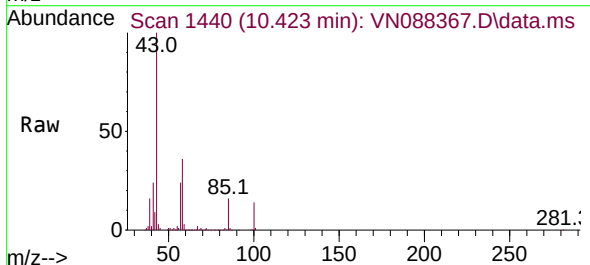
Manual Integrations
APPROVED

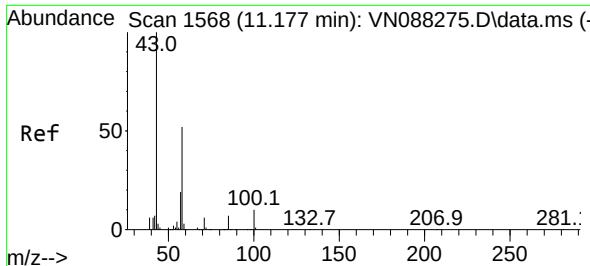
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#58
4-Methyl-2-Pentanone
Concen: 112.574 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

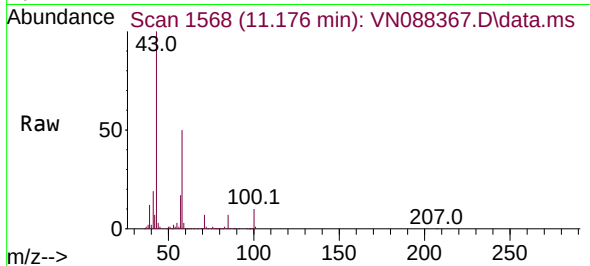
Tgt Ion: 43 Resp: 639681
Ion Ratio Lower Upper
43 100
58 35.9 29.2 43.8
85 16.0 12.6 19.0





#59
2-Hexanone
Concen: 114.667 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

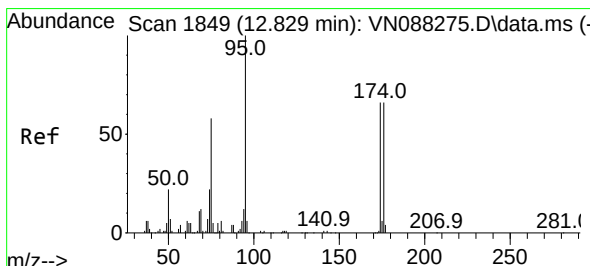
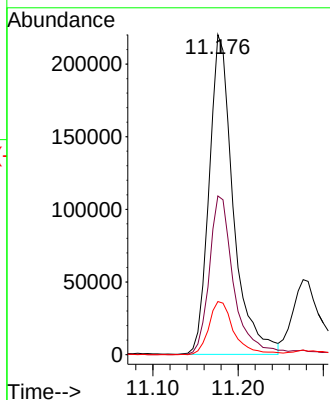
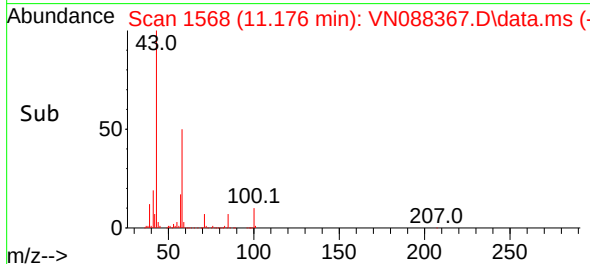
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



Tgt Ion: 43 Resp: 432660
Ion Ratio Lower Upper
43 100
58 49.9 41.0 61.4
57 16.9 14.4 21.6

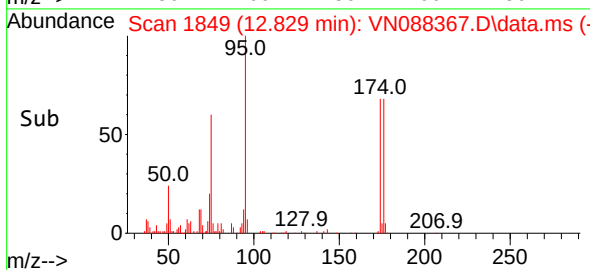
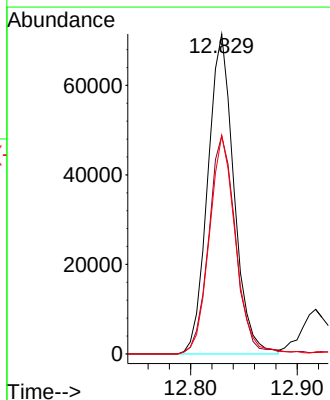
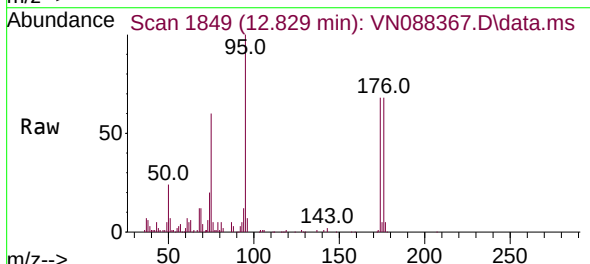
Manual Integrations
APPROVED

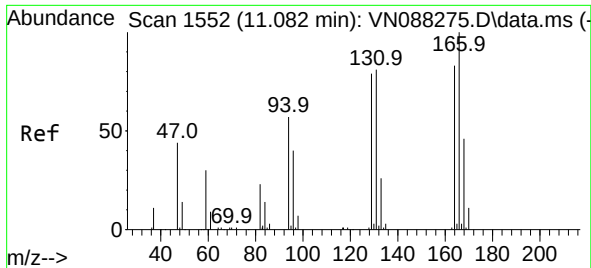
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#60
4-Bromofluorobenzene
Concen: 28.695 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

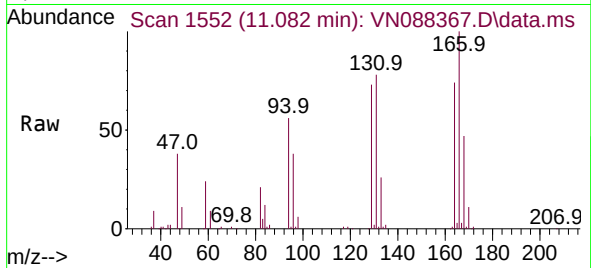
Tgt Ion: 95 Resp: 121868
Ion Ratio Lower Upper
95 100
174 69.9 54.5 81.7
176 68.2 53.8 80.6





#61
Tetrachloroethene
Concen: 25.368 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

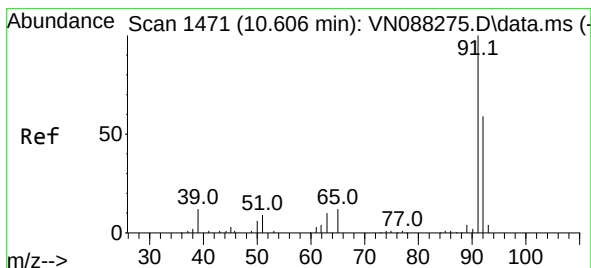
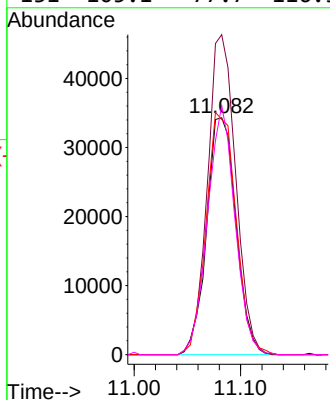
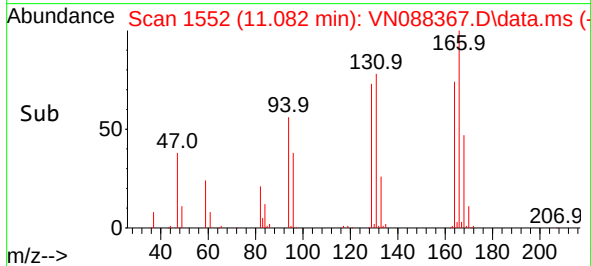
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



Tgt Ion:164 Resp: 65709
Ion Ratio Lower Upper
164 100
166 135.1 96.3 144.5
129 99.2 76.2 114.2
131 105.1 77.7 116.5

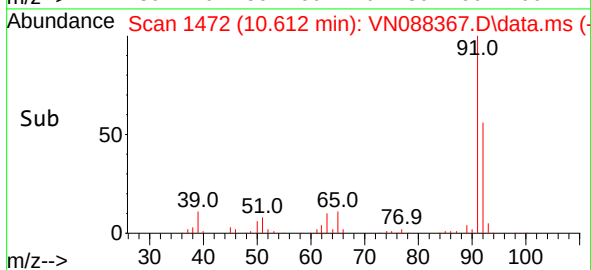
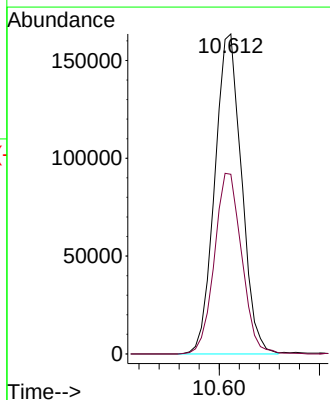
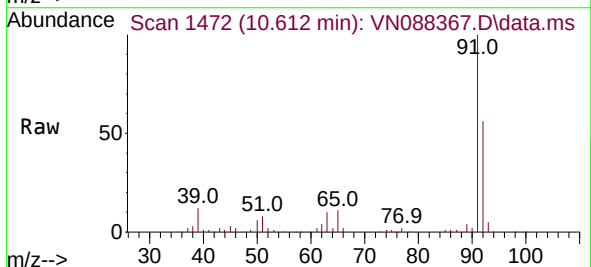
Manual Integrations
APPROVED

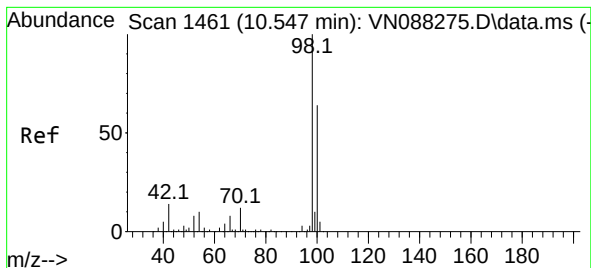
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#62
Toluene
Concen: 21.057 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Tgt Ion: 91 Resp: 303588
Ion Ratio Lower Upper
91 100
92 57.5 46.7 70.1





#63

Toluene-d8

Concen: 30.872 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

EFF-WWMSD

Tgt Ion: 98 Resp: 367205

Ion Ratio Lower Upper

98 100

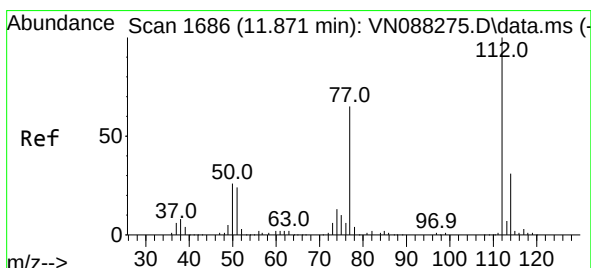
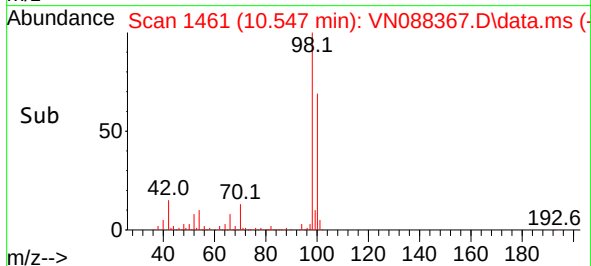
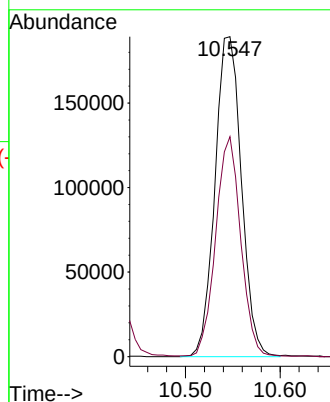
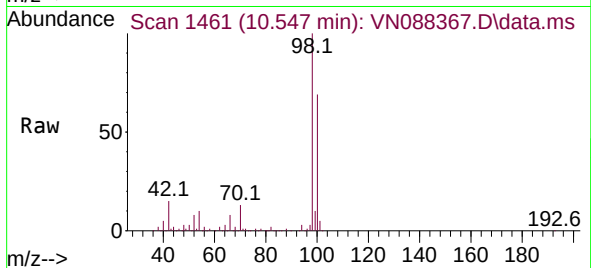
100 65.1 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Semsettin Yesilyurt 12/01/2025



#64

Chlorobenzene

Concen: 20.786 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN088367.D

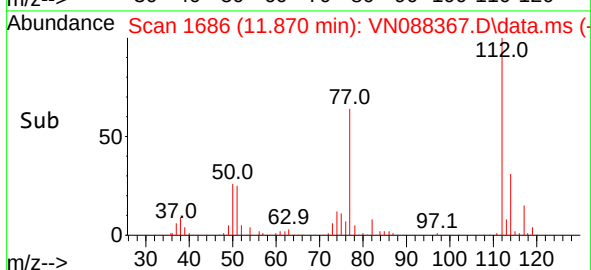
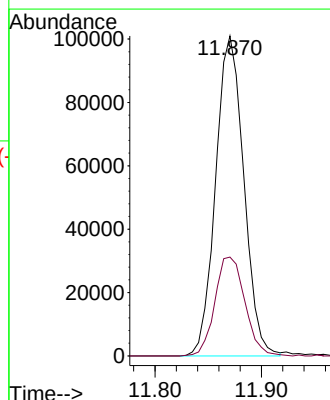
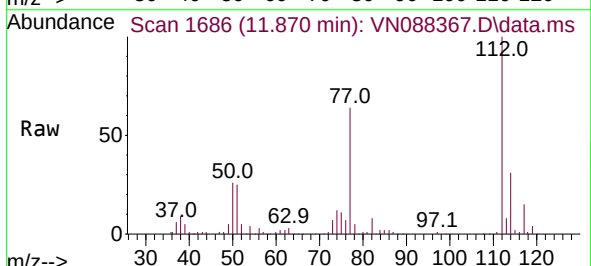
Acq: 26 Nov 2025 11:43

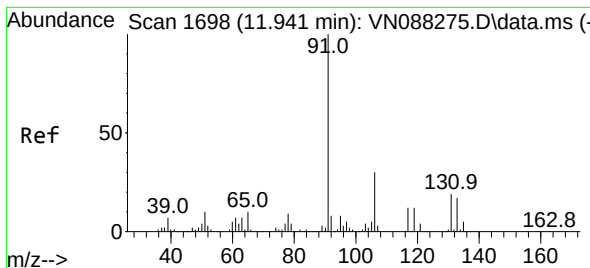
Tgt Ion:112 Resp: 185602

Ion Ratio Lower Upper

112 100

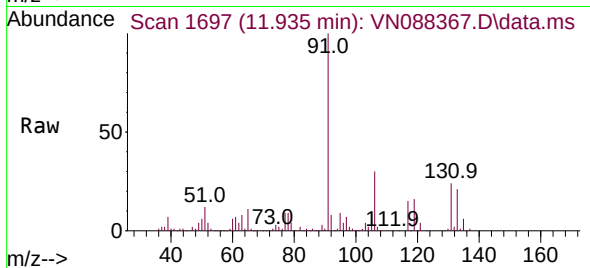
114 30.9 25.0 37.4





#65
1,1,1,2-Tetrachloroethane
Concen: 21.678 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

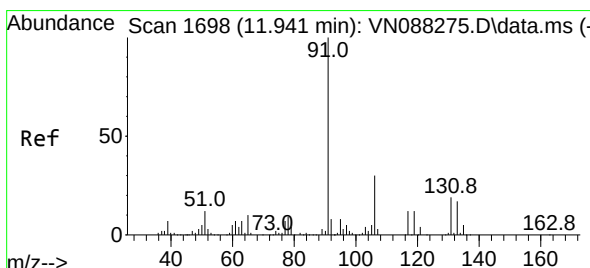
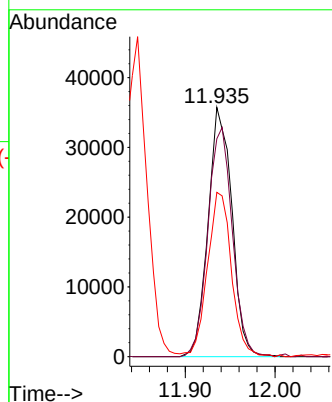
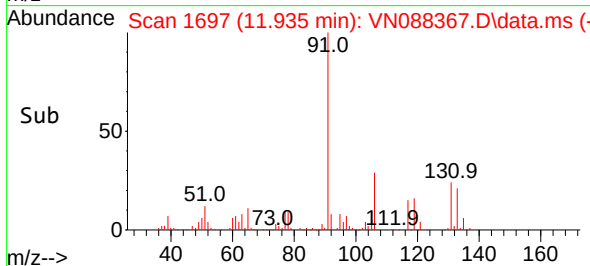
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



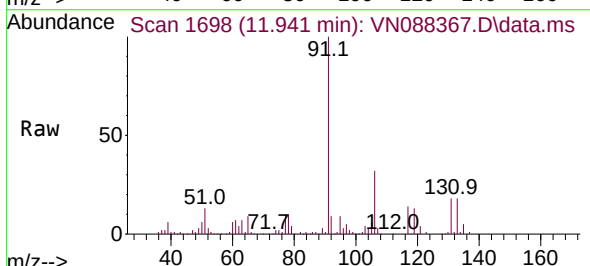
Tgt Ion:131 Resp: 66253
Ion Ratio Lower Upper
131 100
133 94.4 0.0 181.4
119 66.0 0.0 135.0

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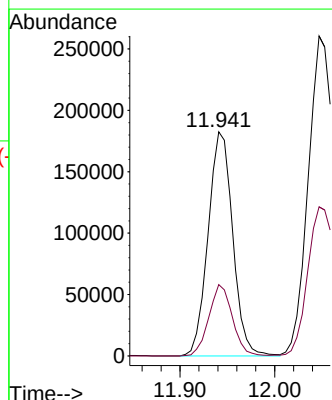
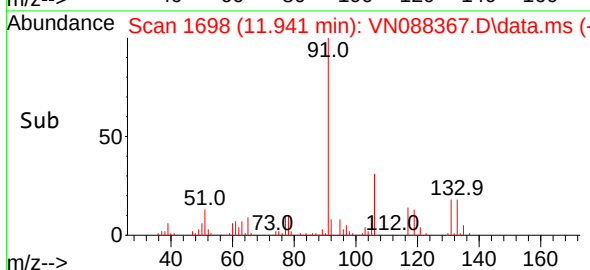
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

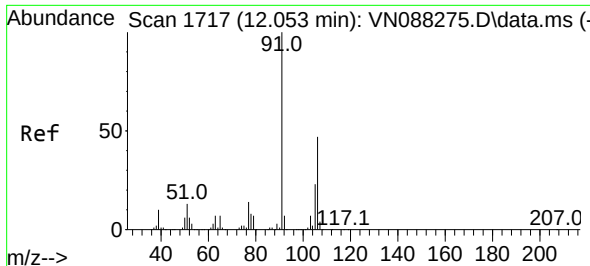


#66
Ethyl Benzene
Concen: 20.787 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43



Tgt Ion: 91 Resp: 330306
Ion Ratio Lower Upper
91 100
106 31.8 24.4 36.6





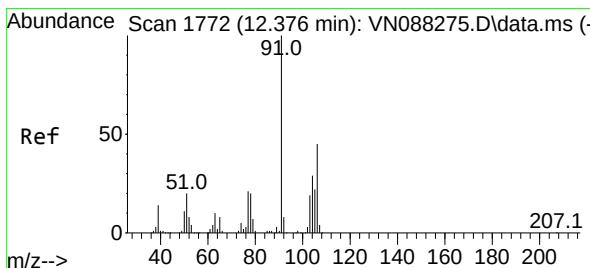
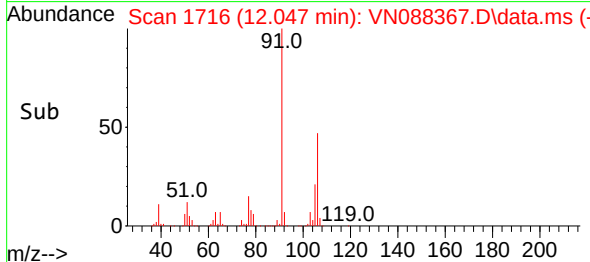
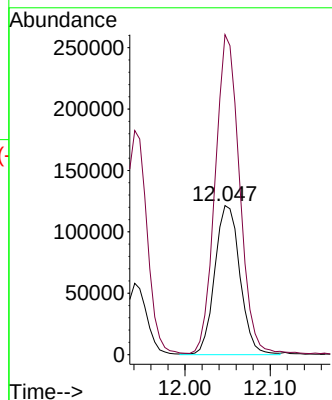
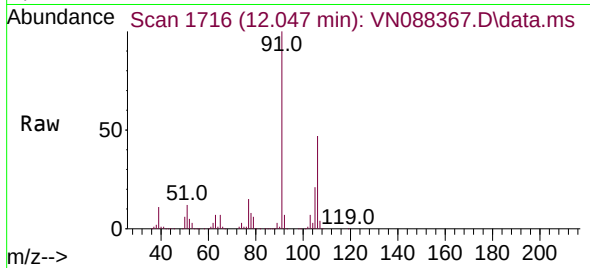
#67
m/p-Xylenes
Concen: 41.982 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD

Tgt Ion:106 Resp: 24946
Ion Ratio Lower Upper
106 100
91 208.0 168.3 252.5

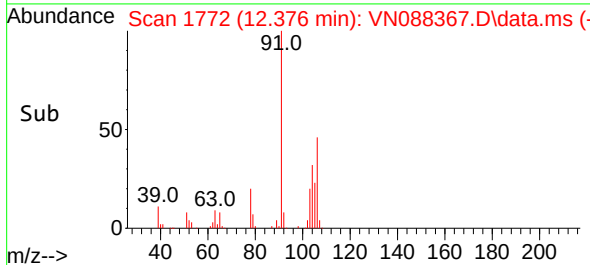
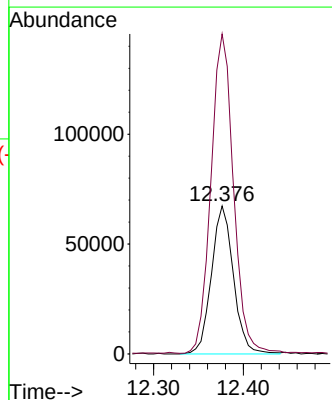
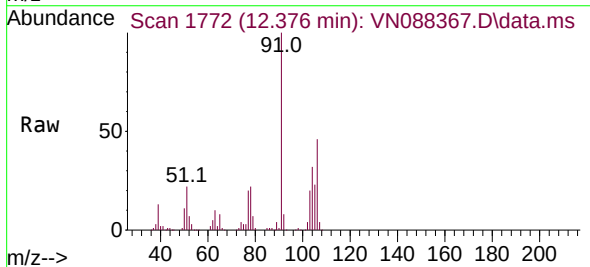
Manual Integrations
APPROVED

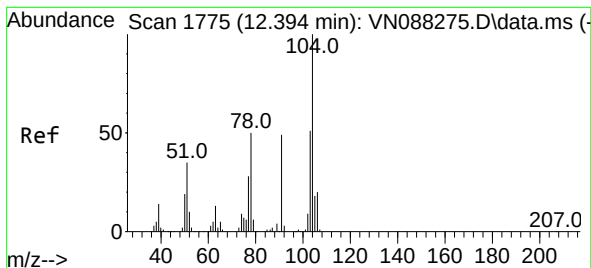
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#68
o-Xylene
Concen: 20.569 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Tgt Ion:106 Resp: 115299
Ion Ratio Lower Upper
106 100
91 221.0 114.0 342.0





#69

Styrene

Concen: 20.288 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

EFF-WWMSD

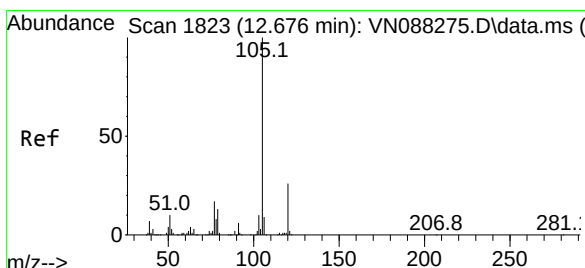
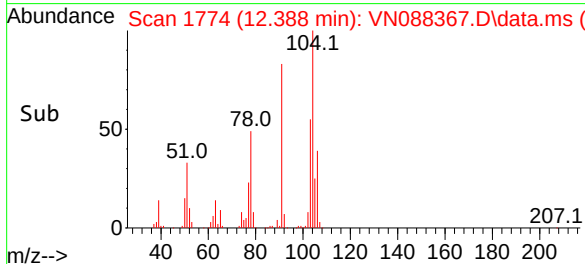
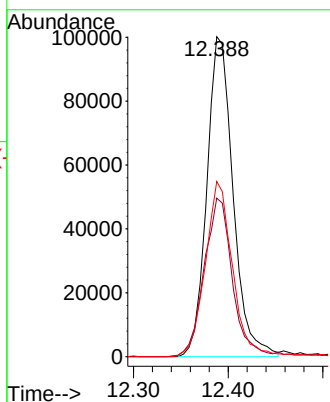
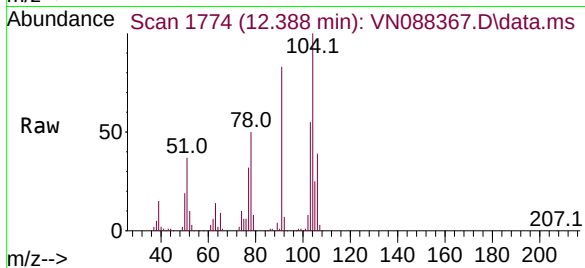
Tgt Ion:104	Resp: 193149
Ion Ratio	Lower Upper
104 100	
78 52.9	43.8 65.8
103 56.8	44.8 67.2

Manual Integrations

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Reviewed By :John Carlone 12/01/2025

Supervised By :Semsettin Yesilyurt 12/01/2025



#70

Isopropylbenzene

Concen: 20.889 ug/l

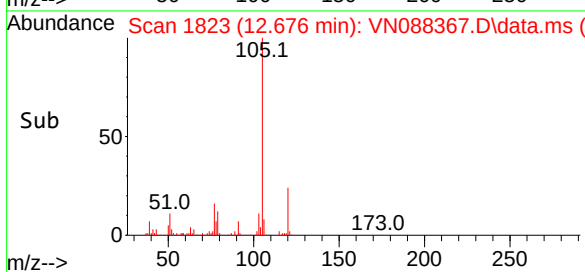
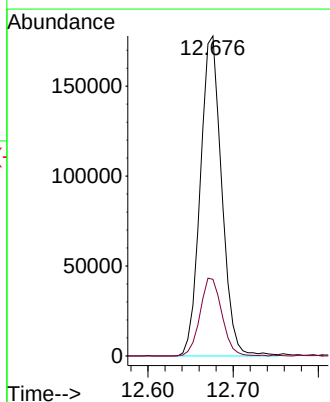
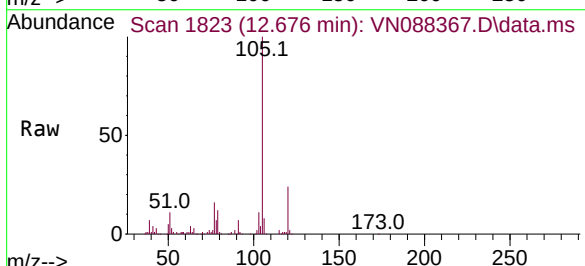
RT: 12.676 min Scan# 1823

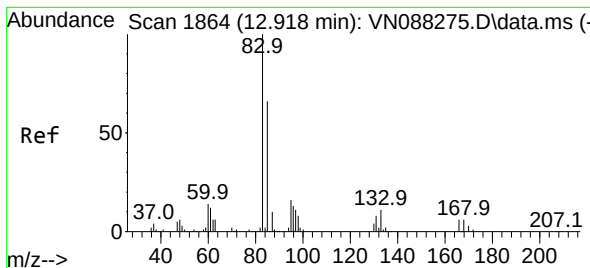
Delta R.T. -0.000 min

Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

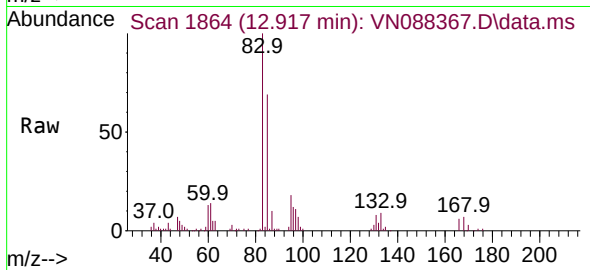
Tgt Ion:105	Resp: 310322
Ion Ratio	Lower Upper
105 100	
120 24.8	18.2 33.8





#71
1,1,2,2-Tetrachloroethane
Concen: 19.987 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

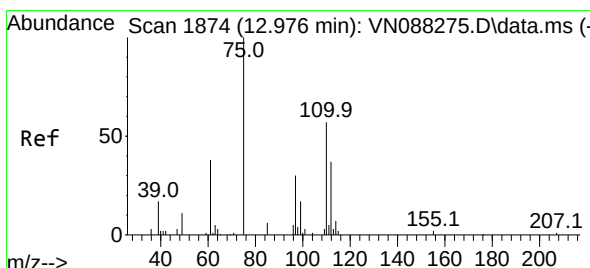
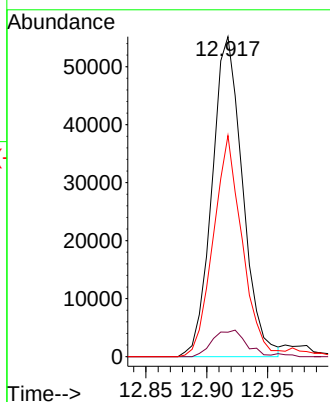
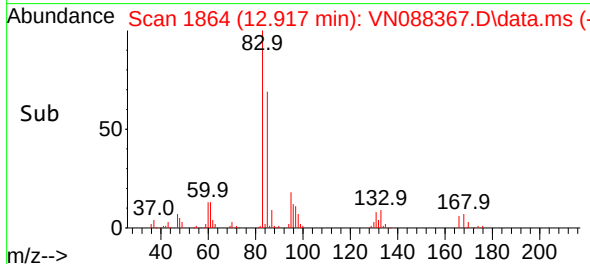
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



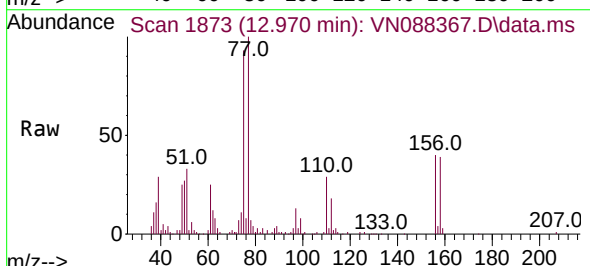
Tgt Ion: 83 Resp: 9618
Ion Ratio Lower Upper
83 100
131 9.0 4.3 12.9
85 65.1 32.4 97.2

Manual Integrations
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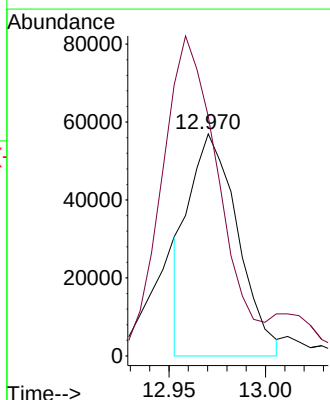
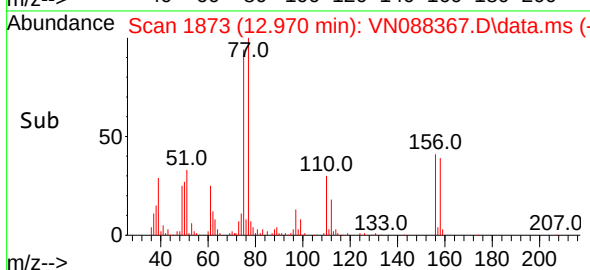
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

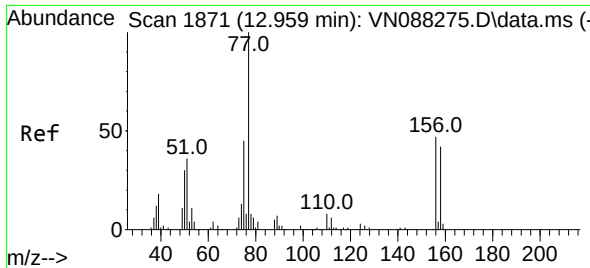


#72
1,2,3-Trichloropropane
Concen: 21.561 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43



Tgt Ion: 75 Resp: 100516
Ion Ratio Lower Upper
75 100
77 167.9 0.0 386.6





#73
Bromobenzene
Concen: 21.071 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

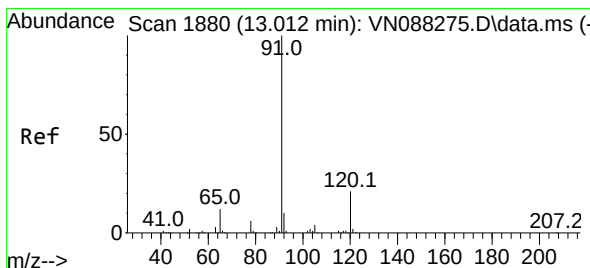
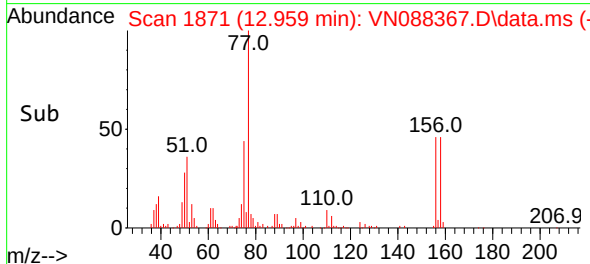
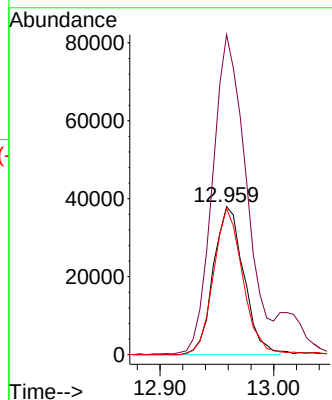
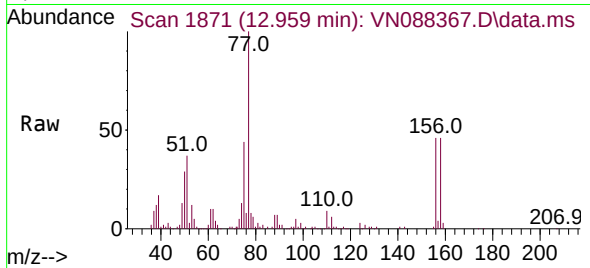
EFF-WWMSD

Tgt Ion:156 Resp: 70666
Ion Ratio Lower Upper
156 100
77 238.9 0.0 493.4
158 94.8 0.0 193.4

Manual Integrations

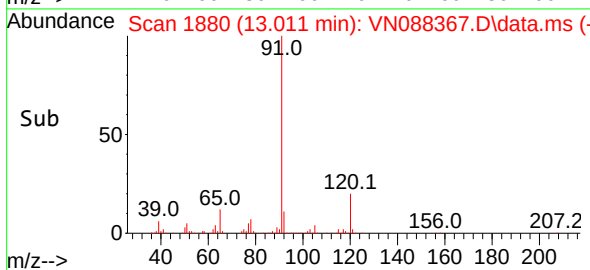
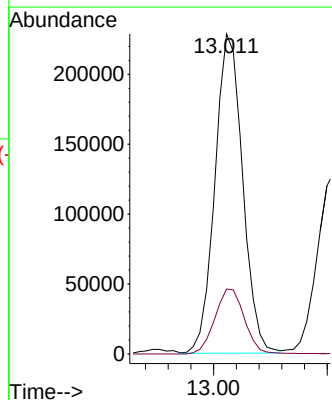
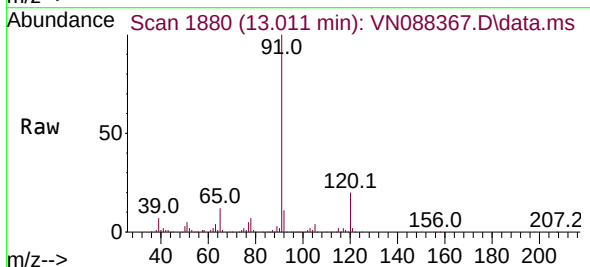
APPROVED

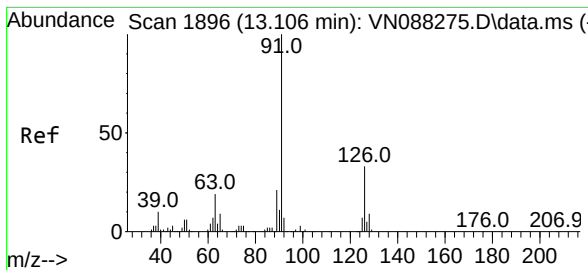
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#74
n-propylbenzene
Concen: 21.022 ug/l
RT: 13.011 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Tgt Ion: 91 Resp: 386486
Ion Ratio Lower Upper
91 100
120 21.6 0.0 43.2





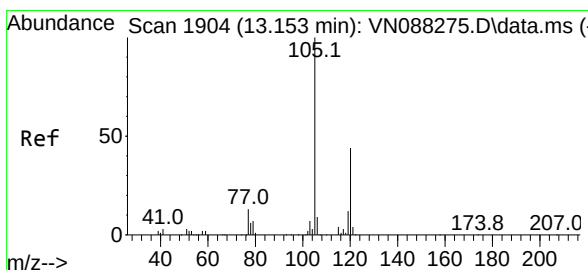
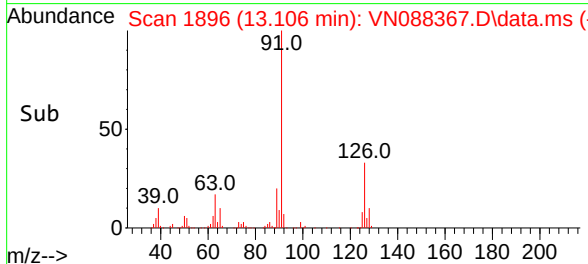
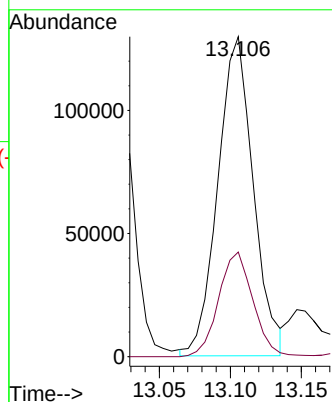
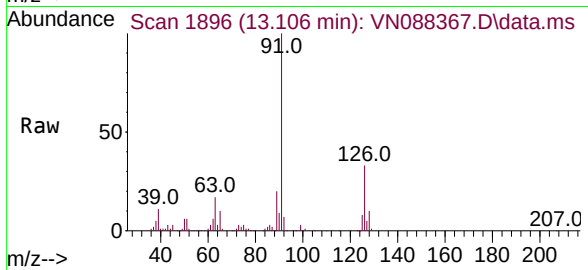
#75
2-Chlorotoluene
Concen: 20.163 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD

Tgt Ion: 91 Resp: 225403
Ion Ratio Lower Upper
91 100
126 31.8 0.0 62.0

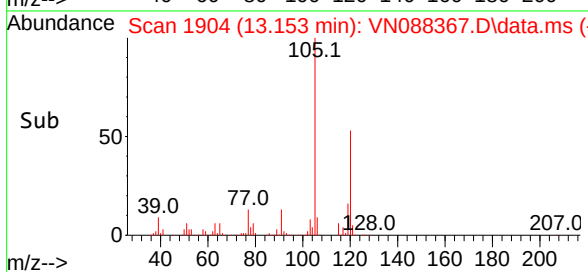
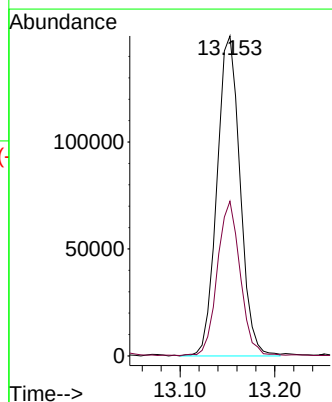
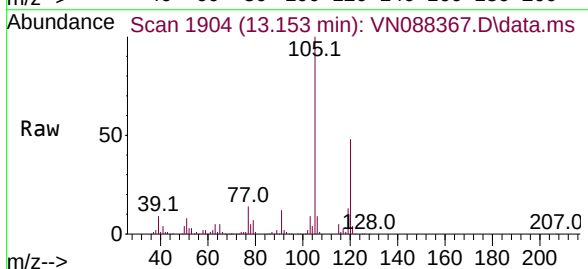
Manual Integrations
APPROVED

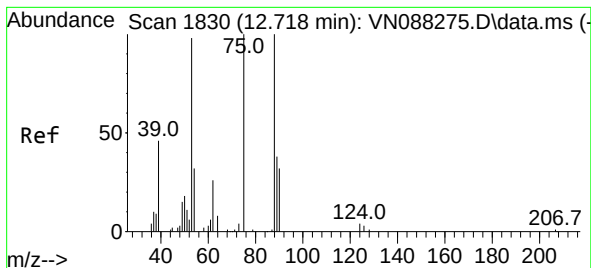
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#76
1,3,5-Trimethylbenzene
Concen: 20.349 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

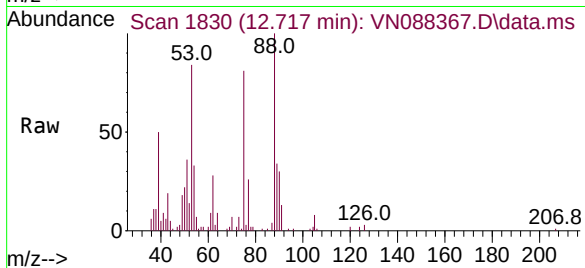
Tgt Ion:105 Resp: 253748
Ion Ratio Lower Upper
105 100
120 47.4 0.0 94.6





#77
t-1,4-Dichloro-2-butene
Concen: 19.529 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

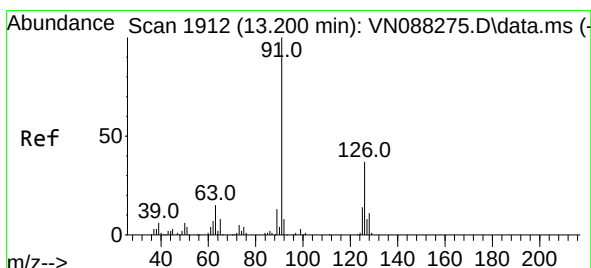
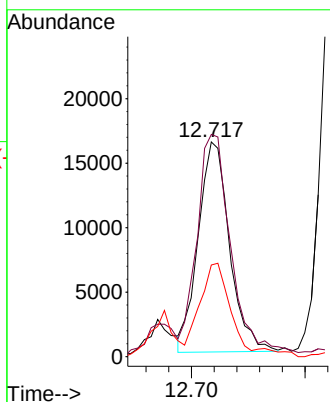
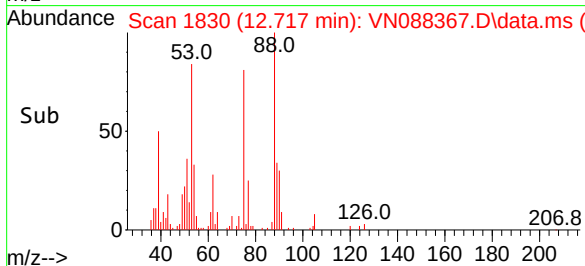
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



Tgt Ion: 75 Resp: 31265
Ion Ratio Lower Upper
75 100
53 102.0 50.0 150.0
89 41.8 22.3 66.9

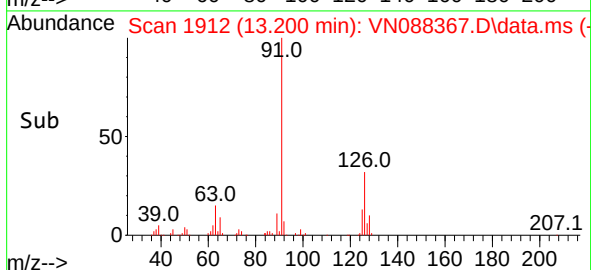
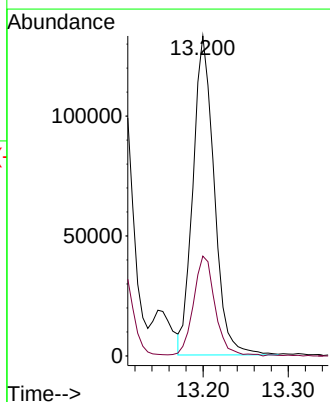
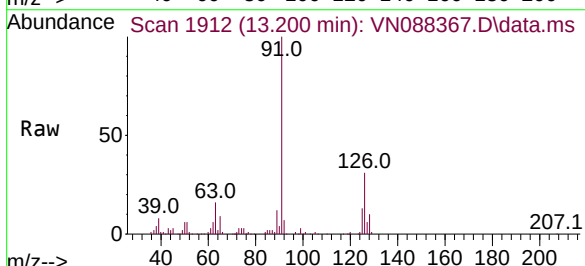
Manual Integrations
APPROVED

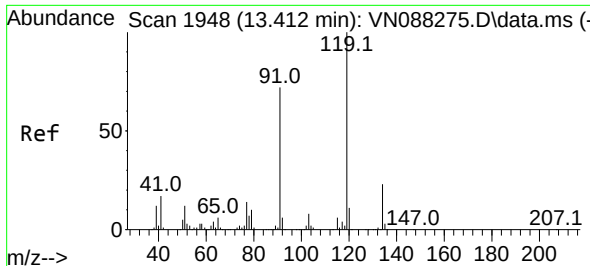
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#78
4-Chlorotoluene
Concen: 20.318 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Tgt Ion: 91 Resp: 230174
Ion Ratio Lower Upper
91 100
126 31.6 0.0 60.8





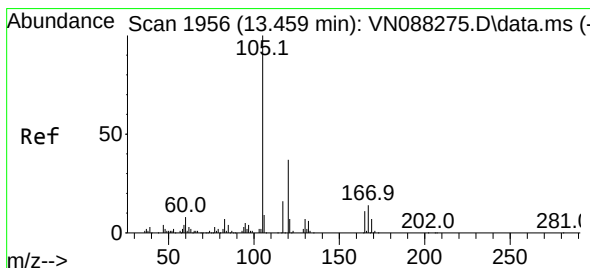
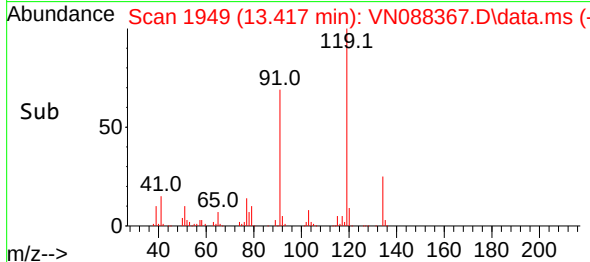
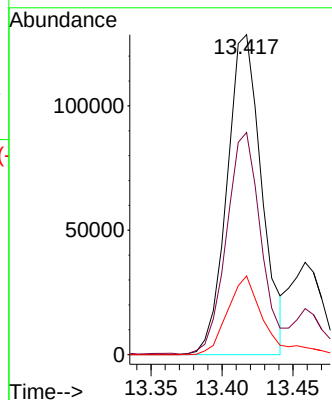
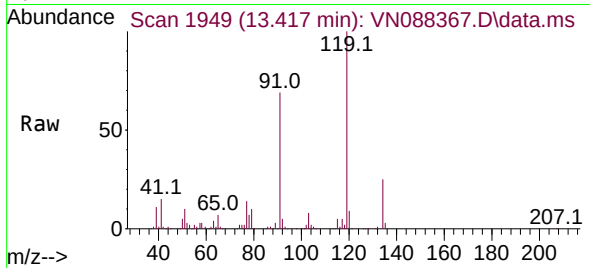
#79
tert-butylbenzene
Concen: 20.498 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD

Tgt Ion:119 Resp: 218839
Ion Ratio Lower Upper
119 100
91 68.0 0.0 140.8
134 23.9 0.0 48.4

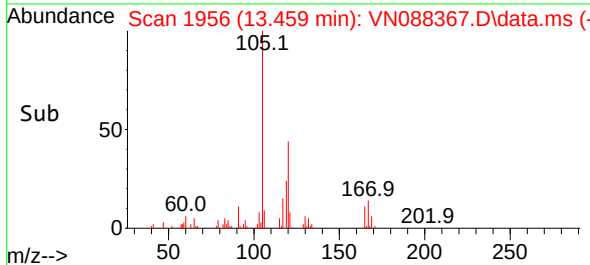
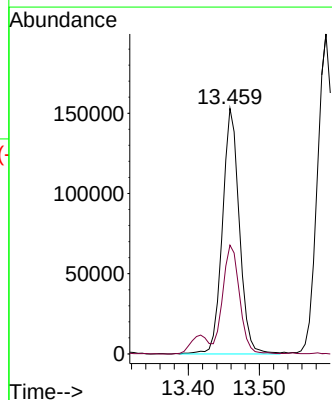
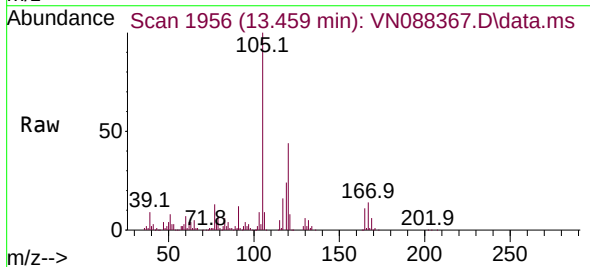
Manual Integrations
APPROVED

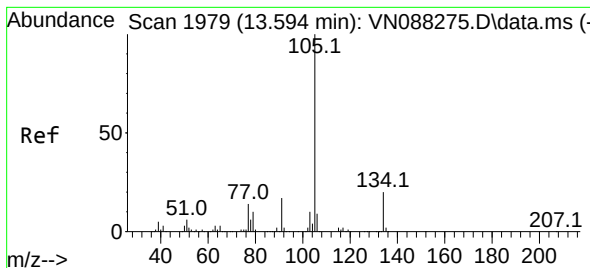
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.466 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

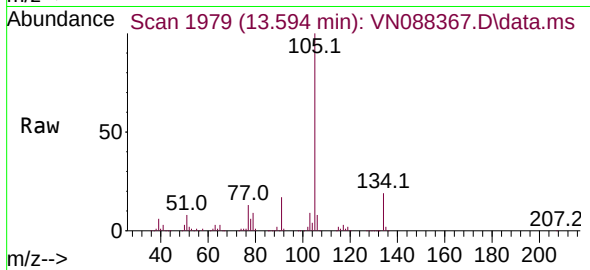
Tgt Ion:105 Resp: 253776
Ion Ratio Lower Upper
105 100
120 43.3 0.0 89.2





#81
 sec-Butylbenzene
 Concen: 20.791 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088367.D
 Acq: 26 Nov 2025 11:43

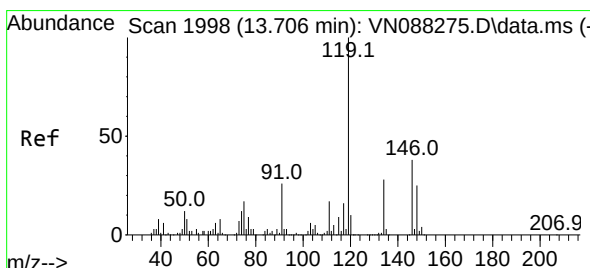
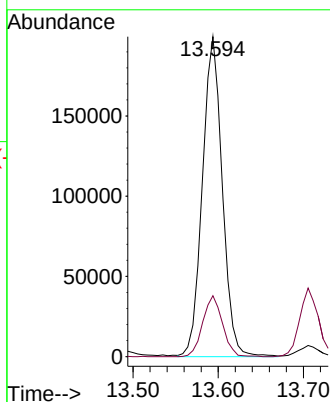
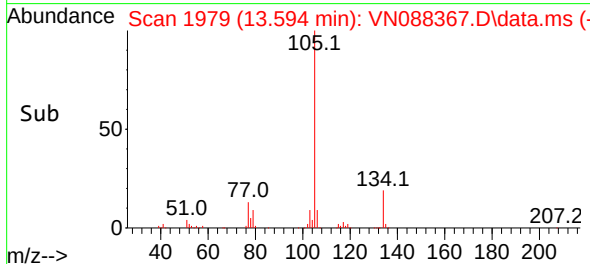
Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WWMSD



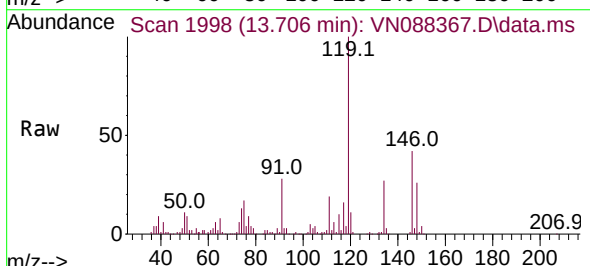
Tgt Ion:105 Resp: 323752
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 38.4

Manual Integrations
 APPROVED

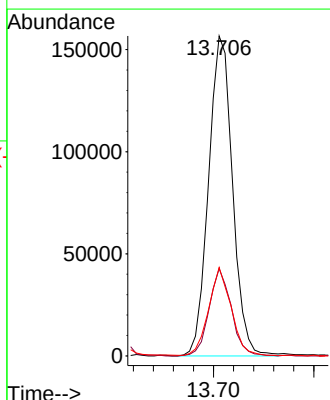
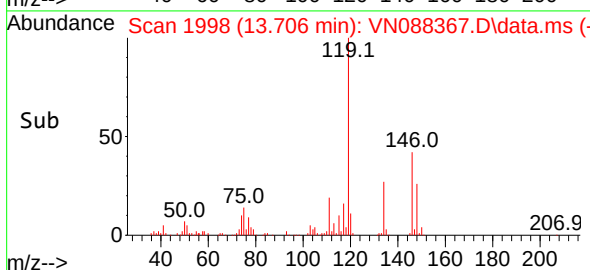
Reviewed By :John Carlone 12/01/2025
 Supervised By :Semsettin Yesilyurt 12/01/2025

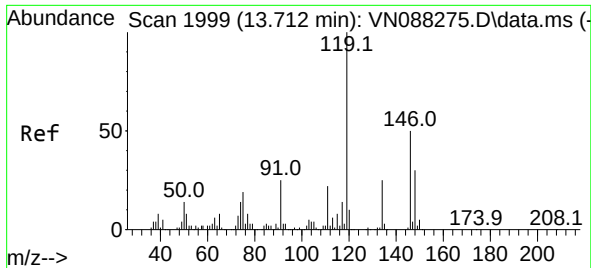


#82
 p-Isopropyltoluene
 Concen: 20.241 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088367.D
 Acq: 26 Nov 2025 11:43



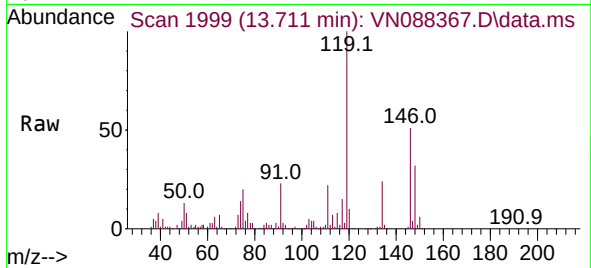
Tgt Ion:119 Resp: 260451
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 51.2
 91 25.7 0.0 53.4





#83
1,3-Dichlorobenzene
Concen: 21.007 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

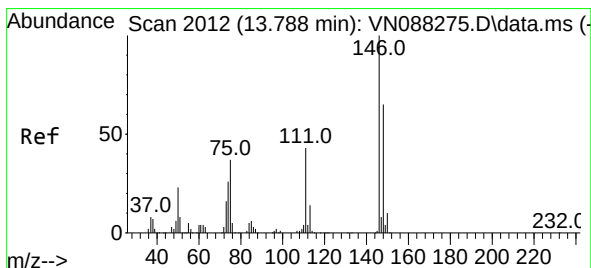
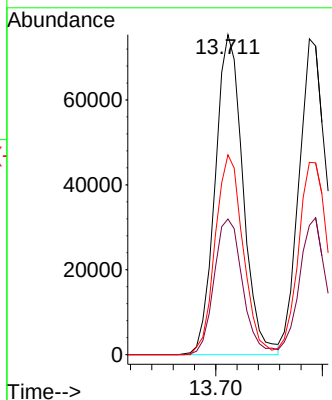
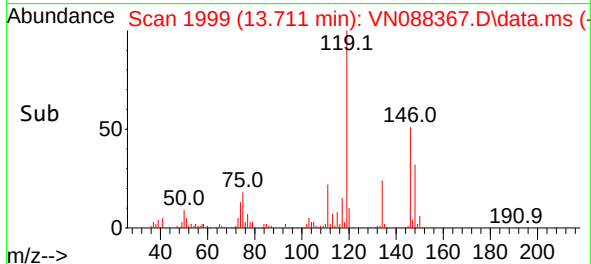
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



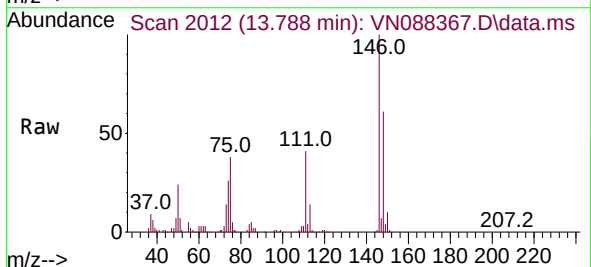
Tgt Ion:146 Resp: 136881
Ion Ratio Lower Upper
146 100
111 43.5 22.1 66.5
148 62.5 31.4 94.3

Manual Integrations
APPROVED

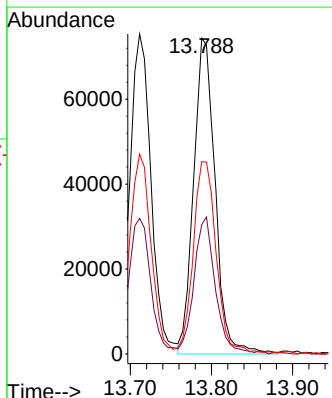
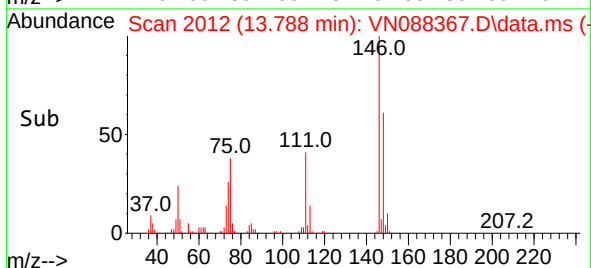
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025

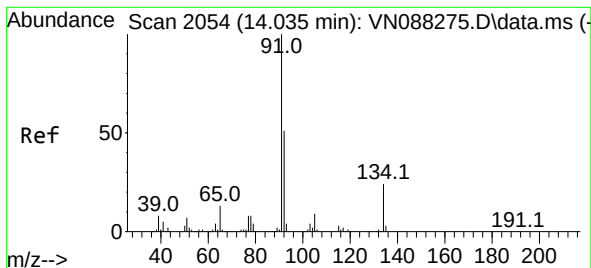


#84
1,4-Dichlorobenzene
Concen: 20.769 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43



Tgt Ion:146 Resp: 137053
Ion Ratio Lower Upper
146 100
111 42.8 21.8 65.3
148 64.9 31.9 95.5





#85

n-Butylbenzene

Concen: 20.794 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

EFF-WWMSD

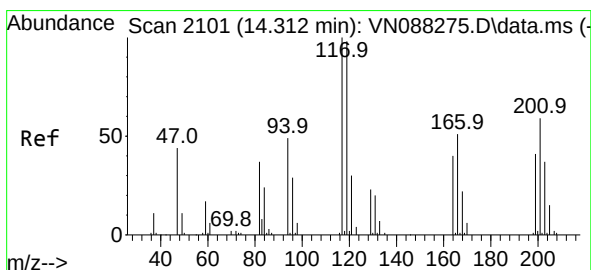
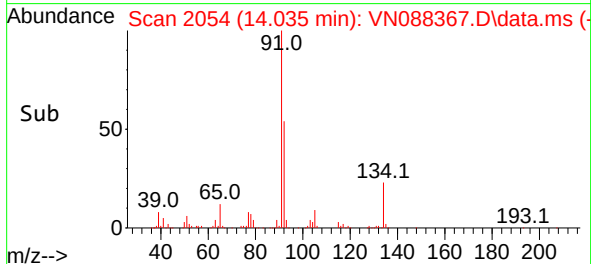
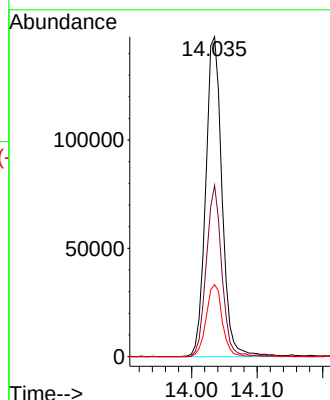
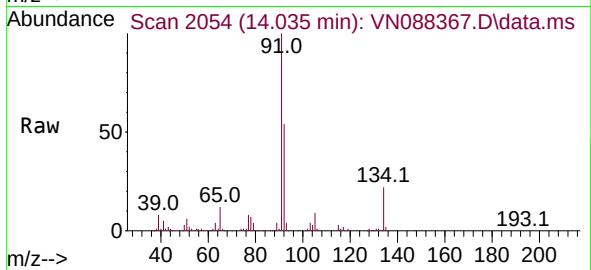
Tgt Ion:	91	Resp:	254994
Ion Ratio	Lower	Upper	
91	100		
92	50.3	0.0	102.4
134	22.1	0.0	45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Semsettin Yesilyurt 12/01/2025



#86

Hexachloroethane

Concen: 18.954 ug/l

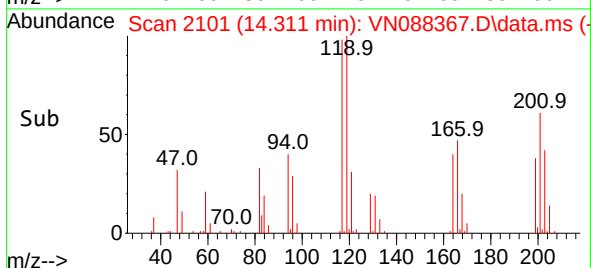
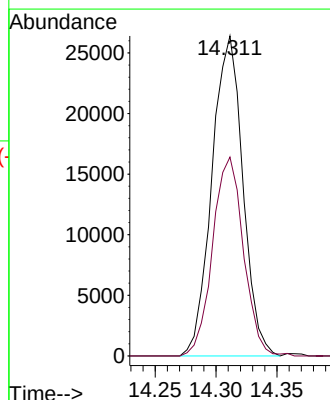
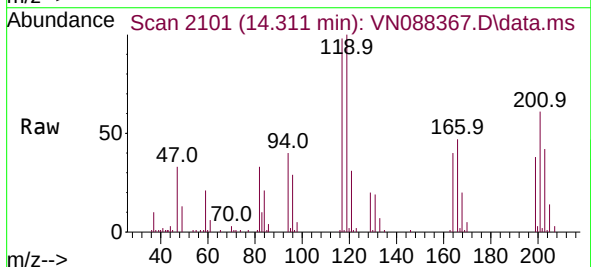
RT: 14.311 min Scan# 2101

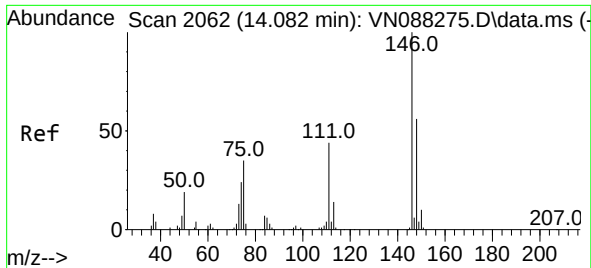
Delta R.T. -0.000 min

Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

Tgt Ion:	117	Resp:	46696
Ion Ratio	Lower	Upper	
117	100		
201	61.7	30.6	92.0





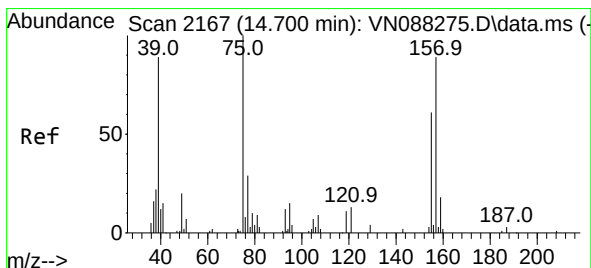
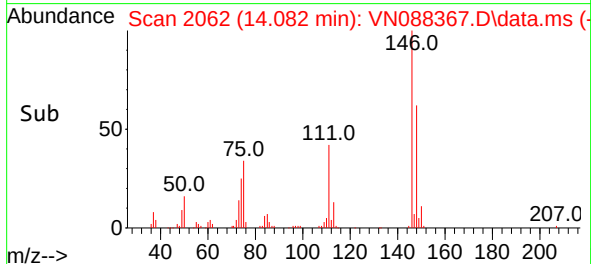
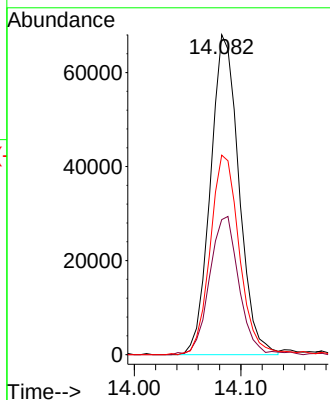
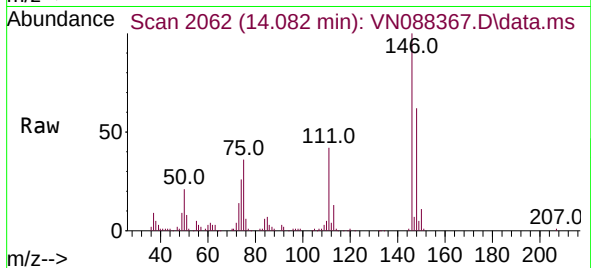
#87
1,2-Dichlorobenzene
Concen: 20.600 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	23.0	69.0
148	63.8	31.1	93.2

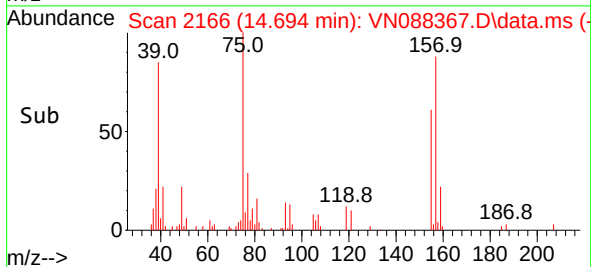
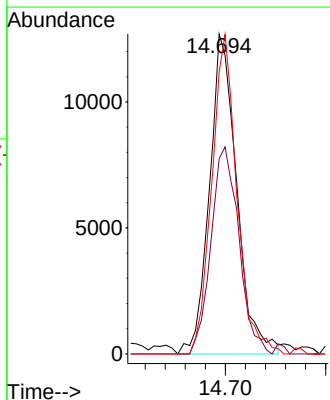
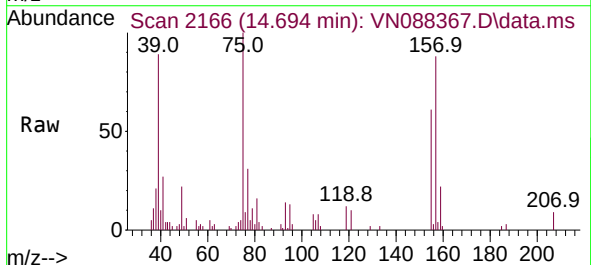
Manual Integrations
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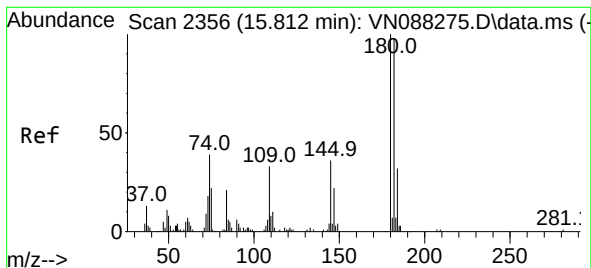
Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.200 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.0	54.8	82.2
157	92.3	70.7	106.1





#89

1,2,4-Trichlorobenzene

Concen: 20.892 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

Instrument :

MSVOA_N

ClientSampleId :

EFF-WWMSD

Tgt Ion:180 Resp: 72109

Ion Ratio Lower Upper

180 100

182 94.6 77.3 115.9

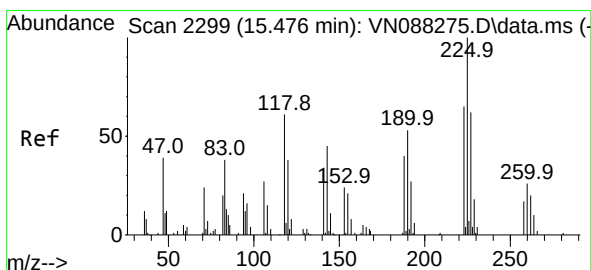
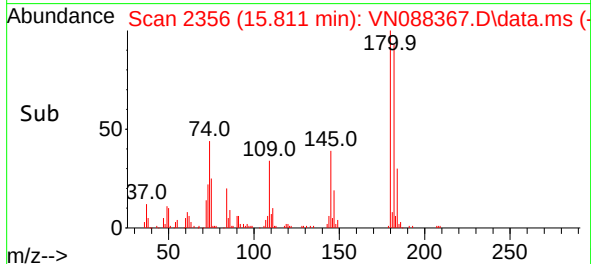
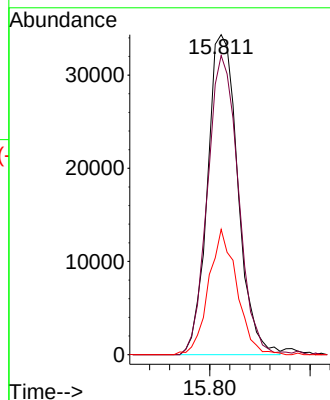
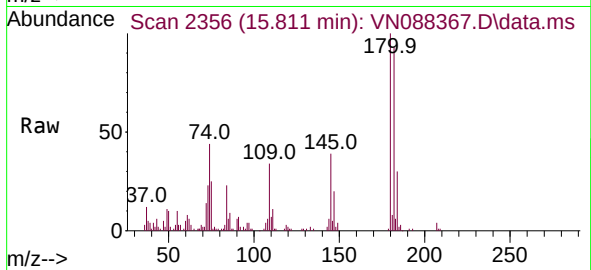
145 36.1 30.2 45.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/01/2025

Supervised By :Semsettin Yesilyurt 12/01/2025



#90

Hexachlorobutadiene

Concen: 24.274 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN088367.D

Acq: 26 Nov 2025 11:43

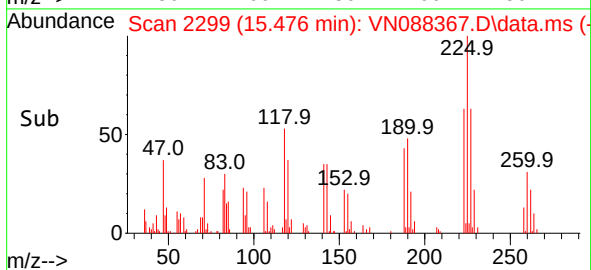
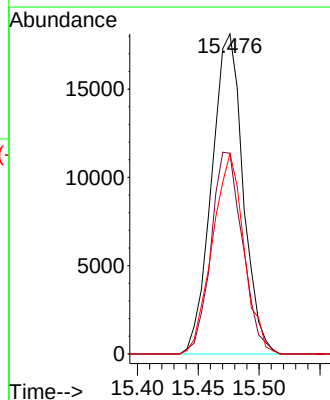
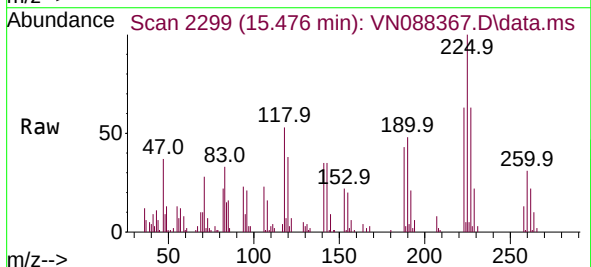
Tgt Ion:225 Resp: 32536

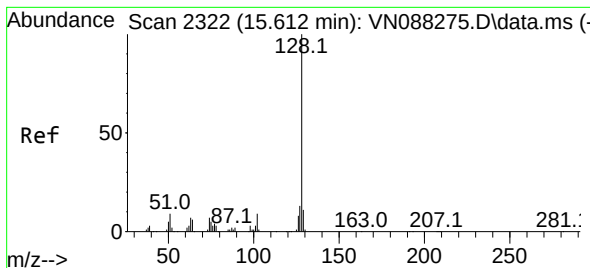
Ion Ratio Lower Upper

225 100

223 63.5 0.0 132.0

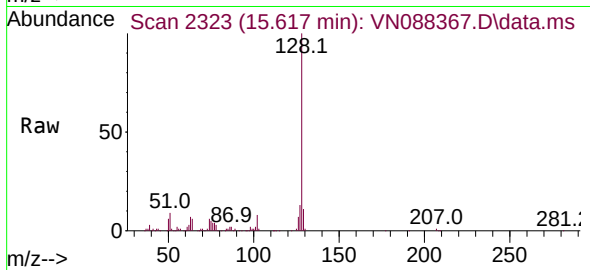
227 62.9 0.0 132.6





#91
Naphthalene
Concen: 21.317 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43

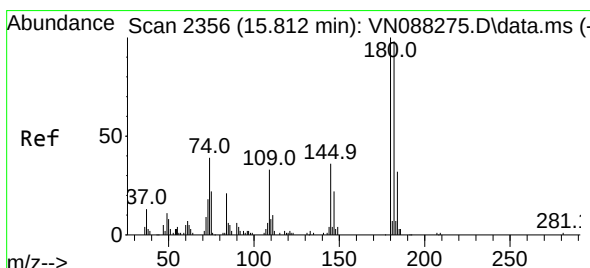
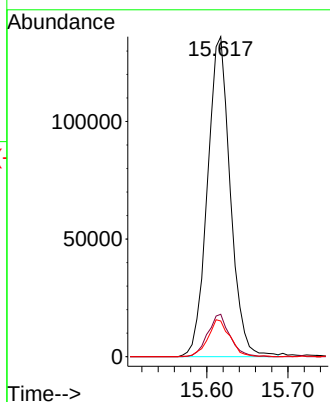
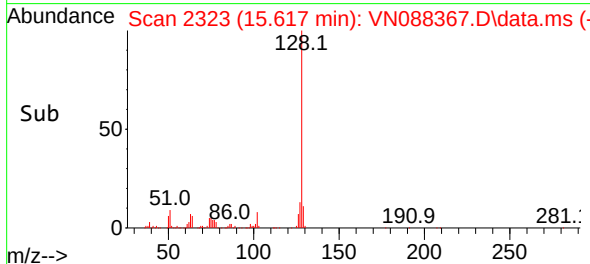
Instrument :
MSVOA_N
ClientSampleId :
EFF-WWMSD



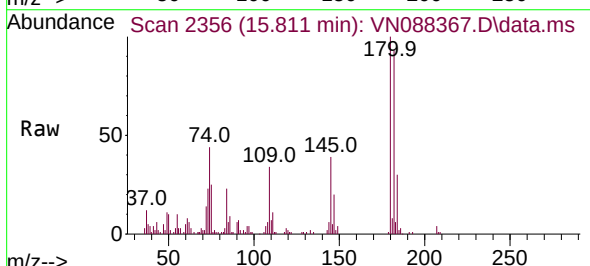
Tgt Ion:128 Resp: 266214
Ion Ratio Lower Upper
128 100
127 12.7 10.6 16.0
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2025
Supervised By :Semsettin Yesilyurt 12/01/2025



#92
1,2,3-Trichlorobenzene
Concen: 20.892 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088367.D
Acq: 26 Nov 2025 11:43



Tgt Ion:180 Resp: 72109
Ion Ratio Lower Upper
180 100
182 94.6 0.0 193.2
145 36.1 0.0 75.6

