

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111225\
 Data File : VN088269.D
 Acq On : 12 Nov 2025 12:32
 Operator : JC\MD
 Sample : VN1112MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 14 00:10:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	249191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	450089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	407016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	204713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	224125	52.013	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.020%			
35) Dibromofluoromethane	8.147	113	152495	50.433	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.860%			
50) Toluene-d8	10.547	98	539610	46.315	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.620%			
62) 4-Bromofluorobenzene	12.829	95	193302	46.979	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	51875	18.455	ug/l	95
3) Chloromethane	2.383	50	65034	19.666	ug/l	93
4) Vinyl Chloride	2.536	62	67143	18.635	ug/l	98
5) Bromomethane	2.977	94	41205	19.120	ug/l	94
6) Chloroethane	3.142	64	45199	17.411	ug/l	99
7) Trichlorofluoromethane	3.512	101	107264	18.665	ug/l	94
8) Diethyl Ether	3.965	74	40966	19.180	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	58182	19.620	ug/l	98
10) Methyl Iodide	4.589	142	54699	20.183	ug/l	95
11) Tert butyl alcohol	5.518	59	79381	106.932	ug/l	97
12) 1,1-Dichloroethene	4.336	96	56063	17.900	ug/l	94
13) Acrolein	4.177	56	58529	70.093	ug/l	100
14) Allyl chloride	5.012	41	108310	19.729	ug/l	98
15) Acrylonitrile	5.712	53	231211	114.340	ug/l	99
16) Acetone	4.424	43	232781	107.530	ug/l	96
17) Carbon Disulfide	4.706	76	168809	17.730	ug/l #	94
18) Methyl Acetate	5.012	43	110658	24.969	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	242429	21.076	ug/l	98
20) Methylene Chloride	5.265	84	75497	20.776	ug/l	93
21) trans-1,2-Dichloroethene	5.771	96	65479	19.046	ug/l	97
22) Diisopropyl ether	6.659	45	250514	21.698	ug/l #	96
23) Vinyl Acetate	6.588	43	1139178	109.539	ug/l	98
24) 1,1-Dichloroethane	6.553	63	136878	21.403	ug/l	98
25) 2-Butanone	7.465	43	324070	113.594	ug/l	97
26) 2,2-Dichloropropane	7.471	77	115957	19.952	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	79764	20.154	ug/l	94
28) Bromochloromethane	7.794	49	69120	22.874	ug/l	99
29) Tetrahydrofuran	7.824	42	206848	111.254	ug/l	97
30) Chloroform	7.947	83	137281	21.487	ug/l	98
31) Cyclohexane	8.241	56	115414	19.134	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	120049	21.097	ug/l	94
36) 1,1-Dichloropropene	8.353	75	91581	20.743	ug/l	100
37) Ethyl Acetate	7.547	43	129617	22.750	ug/l	96
38) Carbon Tetrachloride	8.341	117	100450	22.029	ug/l	96
39) Methylcyclohexane	9.582	83	100937	17.787	ug/l	95
40) Benzene	8.582	78	286199	21.286	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	65370	21.800	ug/l	96
42) 1,2-Dichloroethane	8.653	62	116815	24.451	ug/l	99
43) Isopropyl Acetate	8.671	43	199299	22.765	ug/l	98
44) Trichloroethene	9.335	130	65534	20.852	ug/l	93
45) 1,2-Dichloropropane	9.600	63	76890	22.652	ug/l	99
46) Dibromomethane	9.688	93	54896	22.675	ug/l	98
47) Bromodichloromethane	9.865	83	112462	23.202	ug/l	96
48) Methyl methacrylate	9.659	41	93764	23.198	ug/l	96
49) 1,4-Dioxane	9.682	88	25031	497.920	ug/l #	92
51) 4-Methyl-2-Pentanone	10.424	43	631919	122.010	ug/l	99
52) Toluene	10.606	92	172886	20.855	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	110358	21.392	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	120380	21.990	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	70003	22.258	ug/l	98
56) Ethyl methacrylate	10.859	69	110150	22.131	ug/l	98
57) 1,3-Dichloropropane	11.141	76	127231	23.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	277125	107.045	ug/l	99
59) 2-Hexanone	11.176	43	410151	119.377	ug/l	100
60) Dibromochloromethane	11.335	129	79277	22.177	ug/l	99
61) 1,2-Dibromoethane	11.447	107	69809	21.567	ug/l	97
64) Tetrachloroethene	11.082	164	52899	19.704	ug/l	96
65) Chlorobenzene	11.871	112	187668	20.306	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.941	131	66982	22.122	ug/l	99
67) Ethyl Benzene	11.941	91	320999	19.787	ug/l	99
68) m/p-Xylenes	12.047	106	238194	39.187	ug/l	98
69) o-Xylene	12.376	106	117153	20.332	ug/l	99
70) Styrene	12.388	104	196398	20.902	ug/l	98
71) Bromoform	12.559	173	49014	21.691	ug/l #	97
73) Isopropylbenzene	12.676	105	303025	19.192	ug/l	100
74) N-amyl acetate	12.547	43	10067	2.246	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.917	83	111958	22.776	ug/l	98
76) 1,2,3-Trichloropropane	12.976	75	93916m	20.066	ug/l	
77) Bromobenzene	12.959	156	69827	20.509	ug/l	95
78) n-propylbenzene	13.012	91	375733	19.500	ug/l	99
79) 2-Chlorotoluene	13.100	91	225792	20.549	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	253116	19.303	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	33088	19.721	ug/l	89
82) 4-Chlorotoluene	13.200	91	235581	19.816	ug/l	99
83) tert-Butylbenzene	13.417	119	216537	18.486	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	264463	20.158	ug/l	98
85) sec-Butylbenzene	13.594	105	321332	18.671	ug/l	99
86) p-Isopropyltoluene	13.706	119	268636	19.458	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	140440	20.663	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	143659	19.679	ug/l	99
89) n-Butylbenzene	14.035	91	256915	18.787	ug/l	99
90) Hexachloroethane	14.312	117	51160	19.136	ug/l	92
91) 1,2-Dichlorobenzene	14.082	146	135117	20.623	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	23151	20.235	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	76442	19.265	ug/l	99
94) Hexachlorobutadiene	15.476	225	30427	20.592	ug/l	98
95) Naphthalene	15.617	128	258704	19.032	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	72647	19.095	ug/l	98

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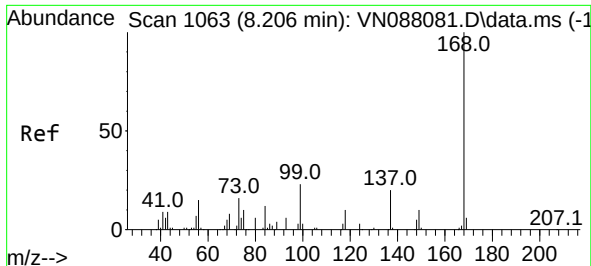
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APPROVED

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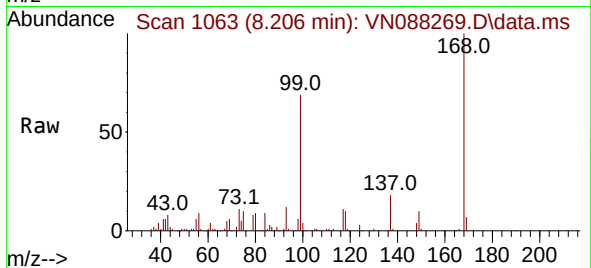
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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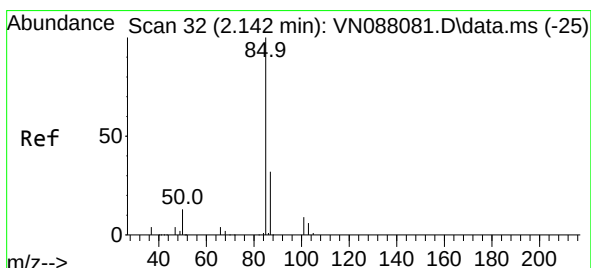
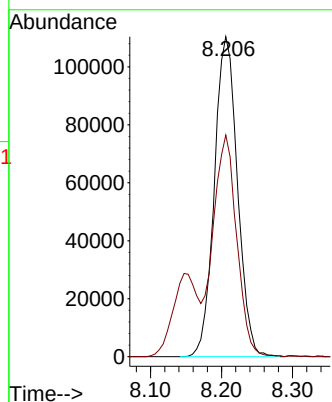
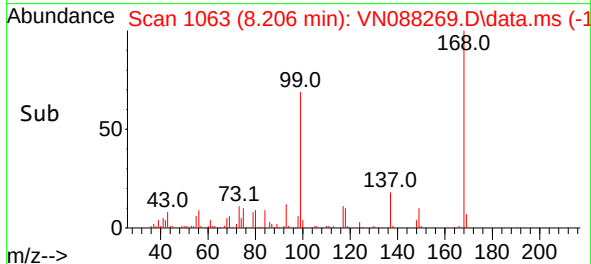
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion:168 Resp: 24919
Ion Ratio Lower Upper
168 100
99 68.9 57.2 85.8

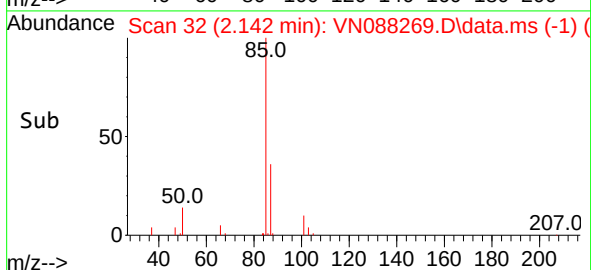
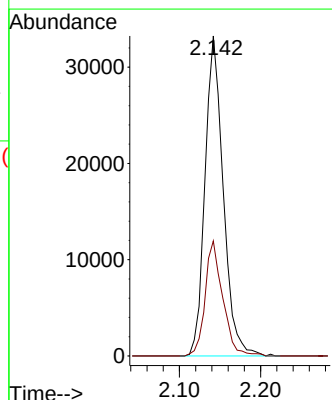
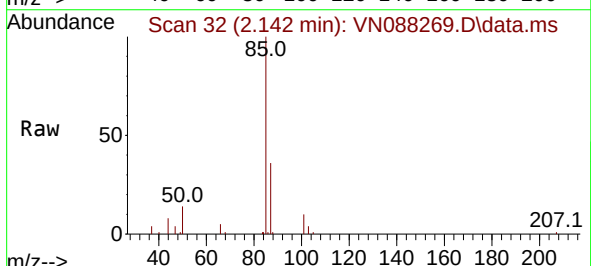
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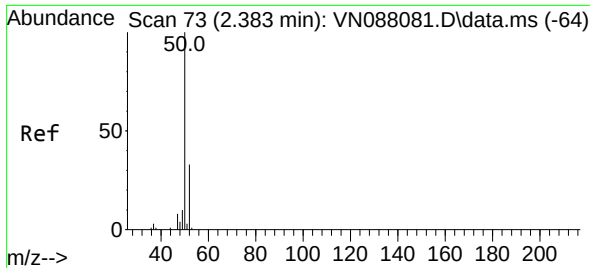
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#2
Dichlorodifluoromethane
Concen: 18.455 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

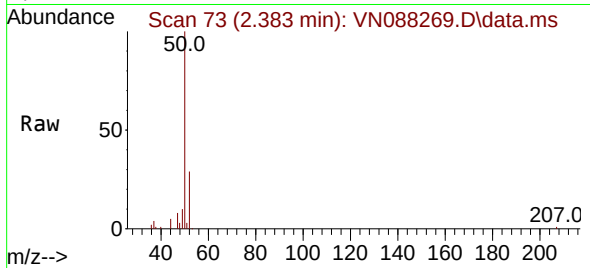
Tgt Ion: 85 Resp: 51875
Ion Ratio Lower Upper
85 100
87 35.9 16.6 49.8





#3
Chloromethane
Concen: 19.666 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

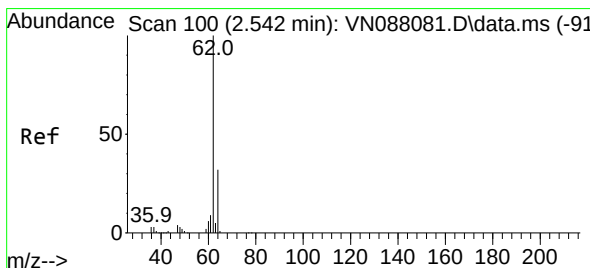
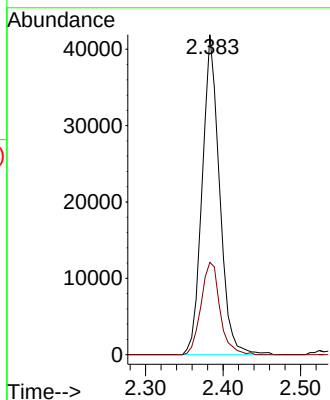
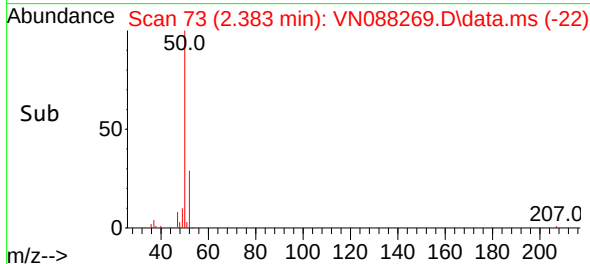
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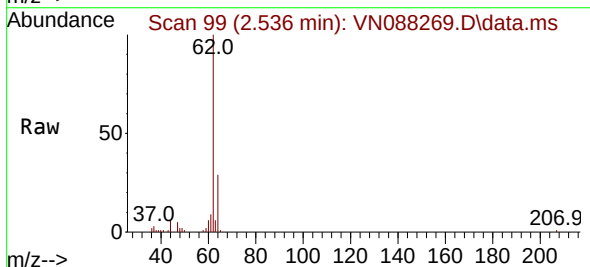
Tgt Ion: 50 Resp: 65034
Ion Ratio Lower Upper
50 100
52 28.8 26.2 39.4

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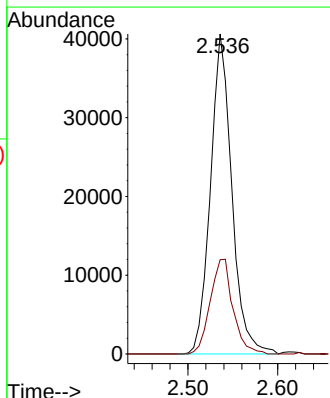
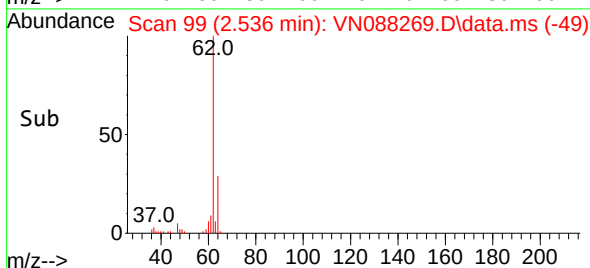
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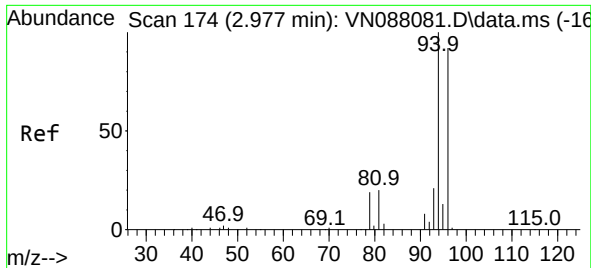


#4
Vinyl Chloride
Concen: 18.635 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32



Tgt Ion: 62 Resp: 67143
Ion Ratio Lower Upper
62 100
64 29.4 24.6 37.0





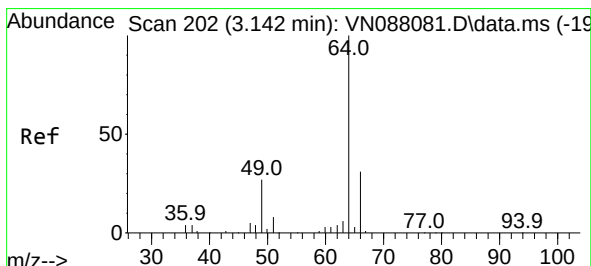
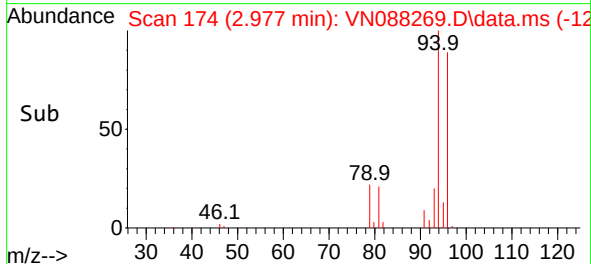
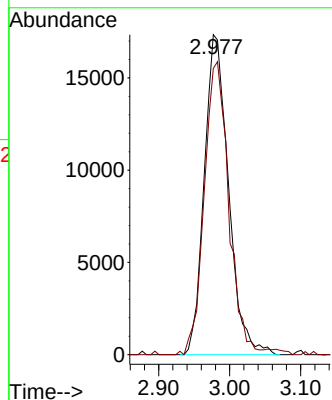
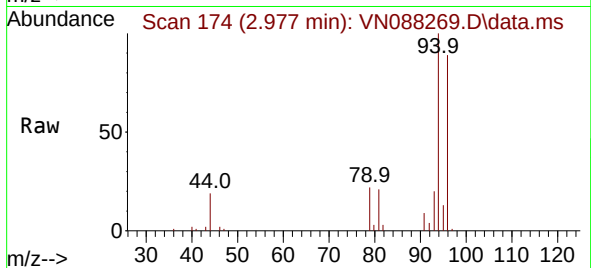
#5
Bromomethane
Concen: 19.120 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

Instrument :
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Tgt Ion: 94 Resp: 4120
Ion Ratio Lower Upper
94 100
96 88.4 75.4 113.2

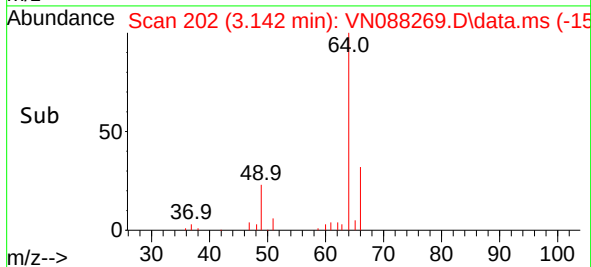
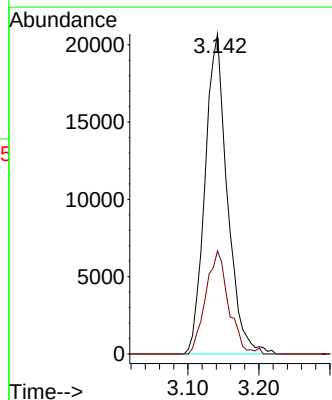
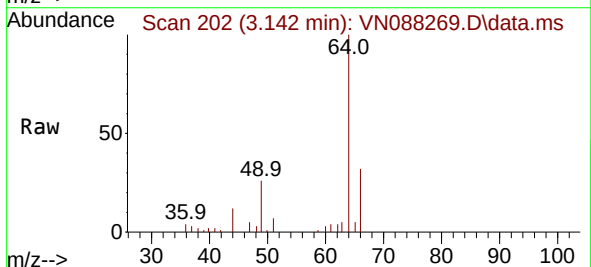
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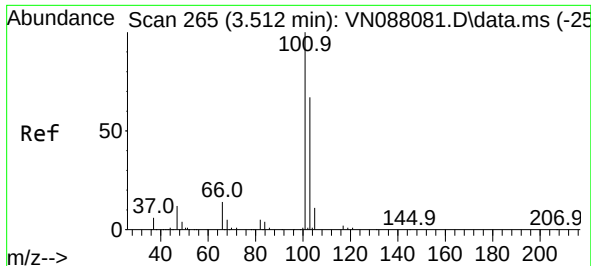
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#6
Chloroethane
Concen: 17.411 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088269.D
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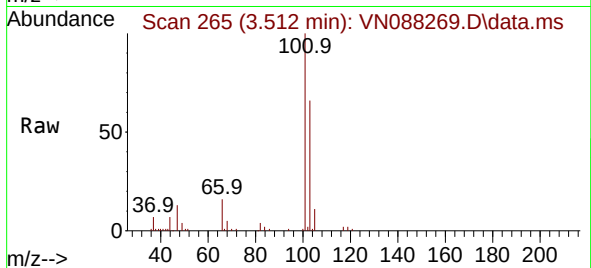
Tgt Ion: 64 Resp: 45199
Ion Ratio Lower Upper
64 100
66 32.2 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 18.665 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN088269.D
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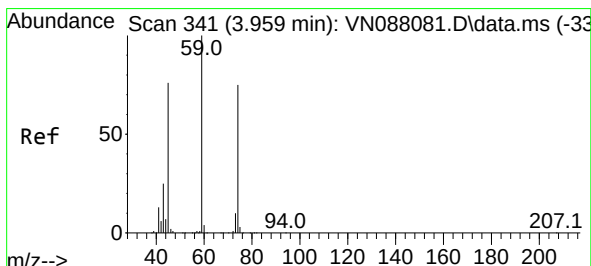
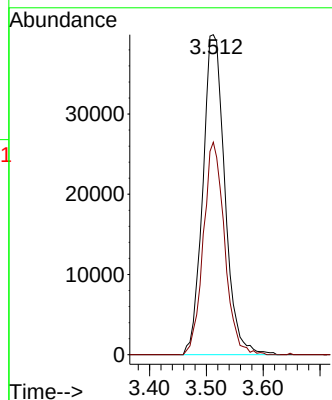
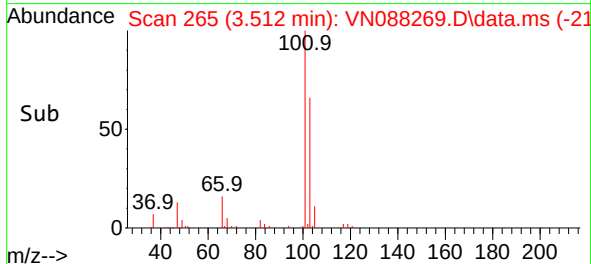
Instrument :
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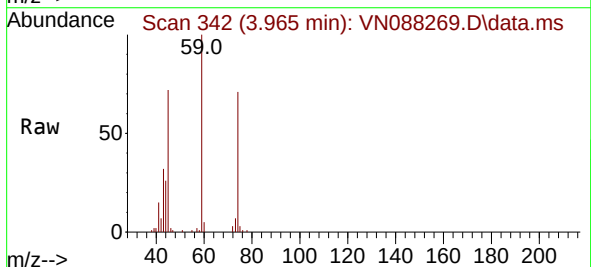
Tgt Ion:101 Resp: 107264
 Ion Ratio Lower Upper
 101 100
 103 66.4 49.4 74.0

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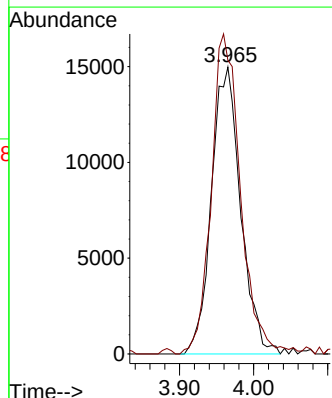
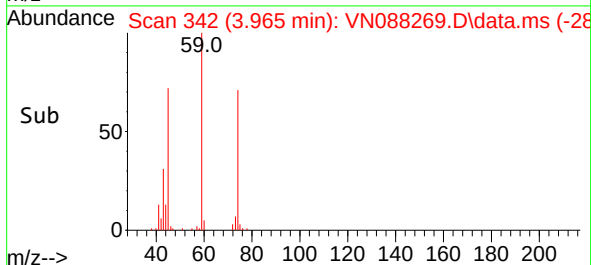
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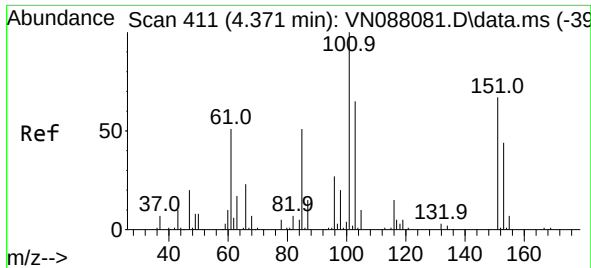


#8
 Diethyl Ether
 Concen: 19.180 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
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Tgt Ion: 74 Resp: 40966
 Ion Ratio Lower Upper
 74 100
 45 111.6 50.6 151.9





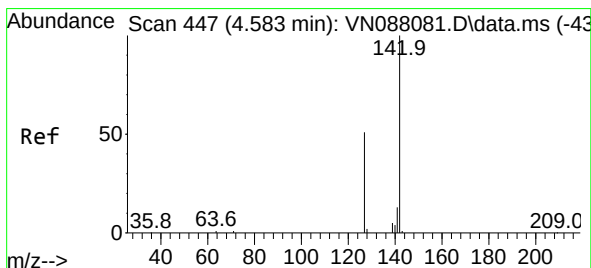
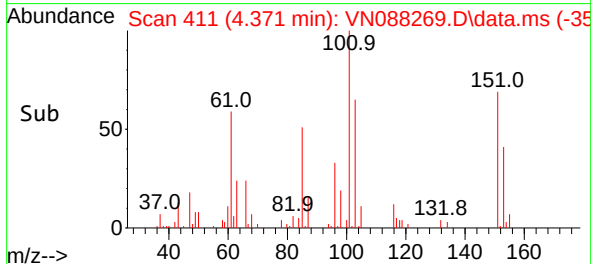
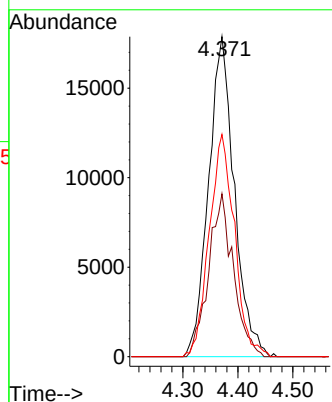
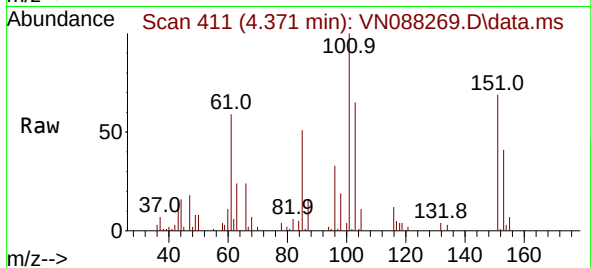
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.620 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01

Tgt Ion:101 Resp: 5818
Ion Ratio Lower Upper
101 100
85 49.0 36.6 55.0
151 68.4 54.7 82.1

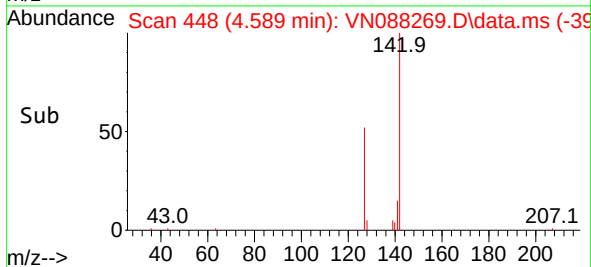
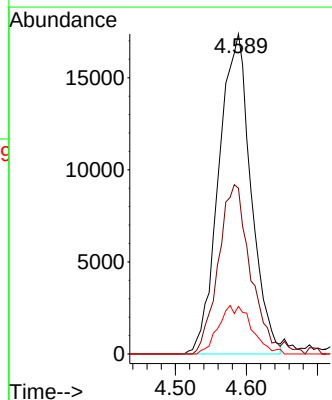
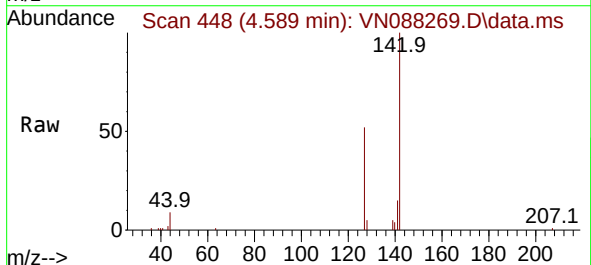
Manual Integrations
APPROVED

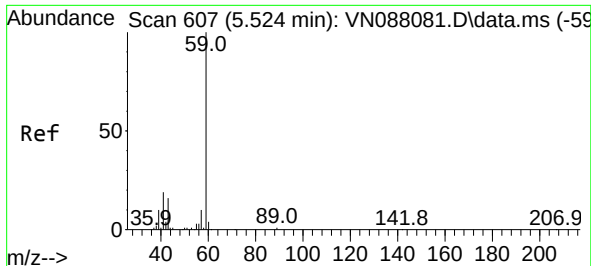
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#10
Methyl Iodide
Concen: 20.183 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

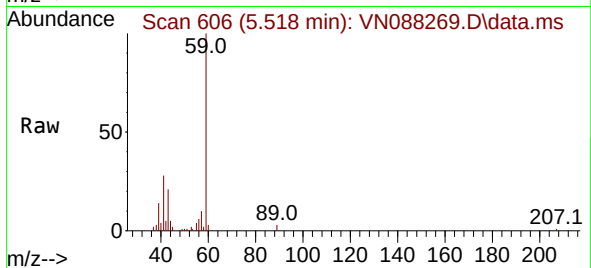
Tgt Ion:142 Resp: 54699
Ion Ratio Lower Upper
142 100
127 51.8 38.0 57.0
141 14.9 12.0 18.0





#11
Tert butyl alcohol
Concen: 106.932 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

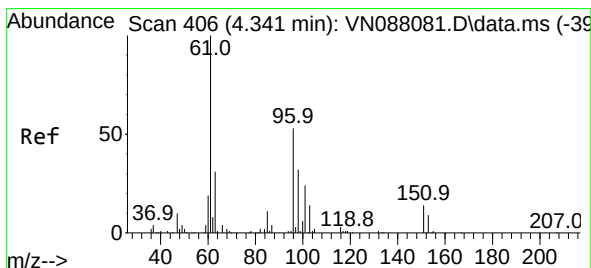
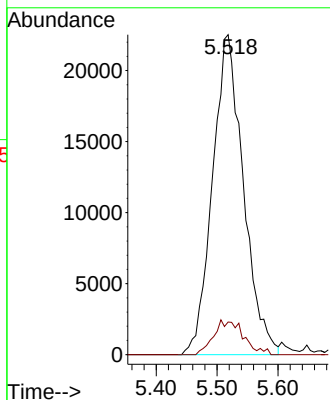
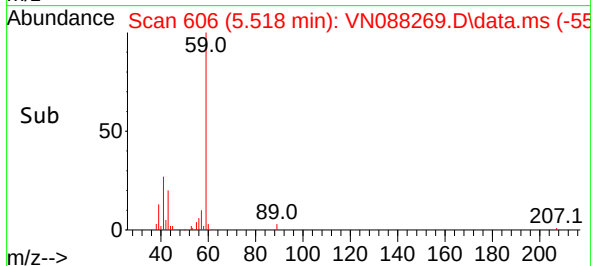
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



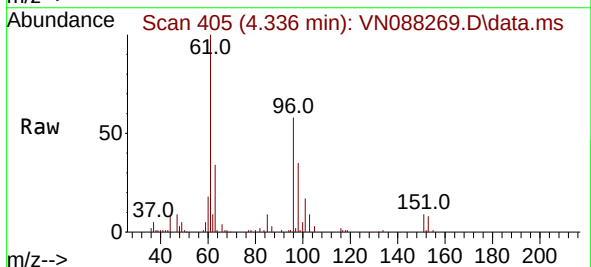
Tgt Ion: 59 Resp: 7938
Ion Ratio Lower Upper
59 100
57 9.9 9.0 13.4

Manual Integrations
APPROVED

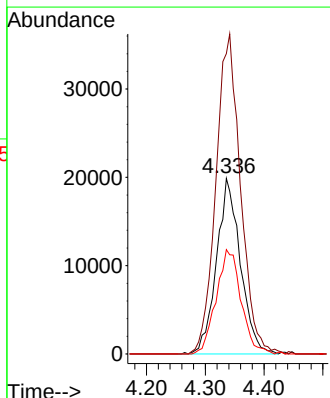
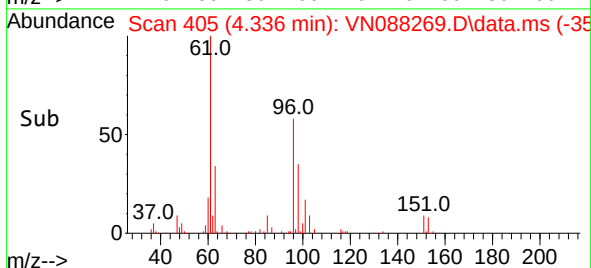
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

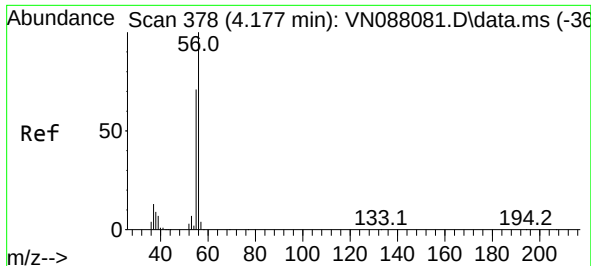


#12
1,1-Dichloroethene
Concen: 17.900 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32



Tgt Ion: 96 Resp: 56063
Ion Ratio Lower Upper
96 100
61 171.1 143.8 215.8
98 59.5 52.1 78.1





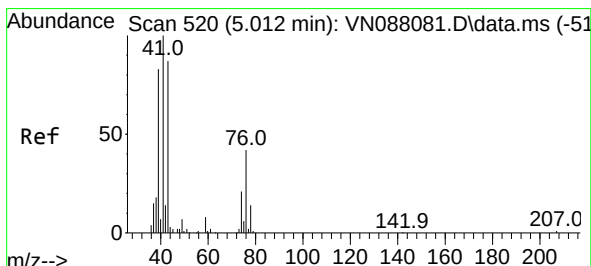
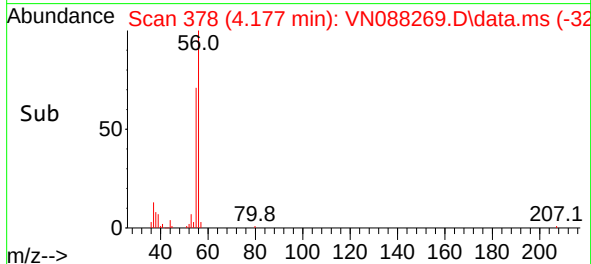
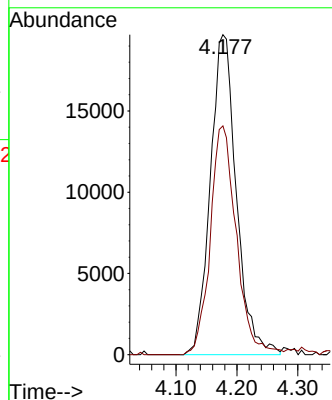
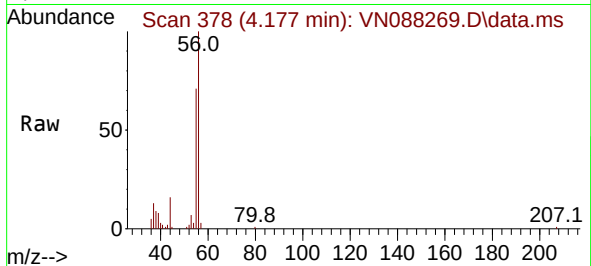
#13
Acrolein
Concen: 70.093 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01

Tgt Ion: 56 Resp: 58529
Ion Ratio Lower Upper
56 100
55 71.5 57.3 85.9

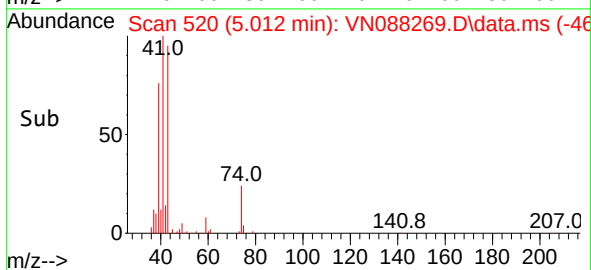
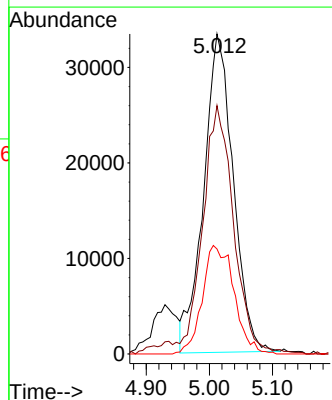
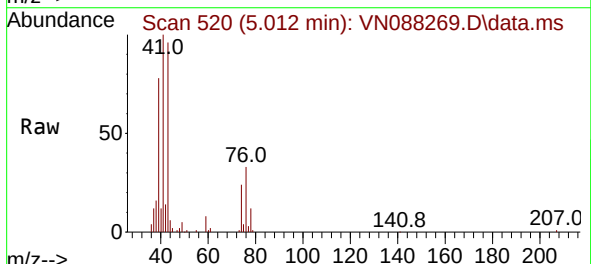
Manual Integrations
APPROVED

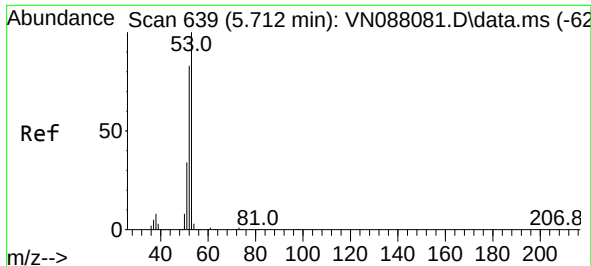
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#14
Allyl chloride
Concen: 19.729 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

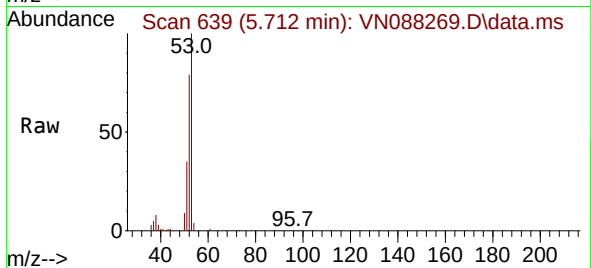
Tgt Ion: 41 Resp: 108310
Ion Ratio Lower Upper
41 100
39 81.1 63.9 95.9
76 36.6 28.1 42.1





#15
Acrylonitrile
Concen: 114.340 ug/l
RT: 5.712 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

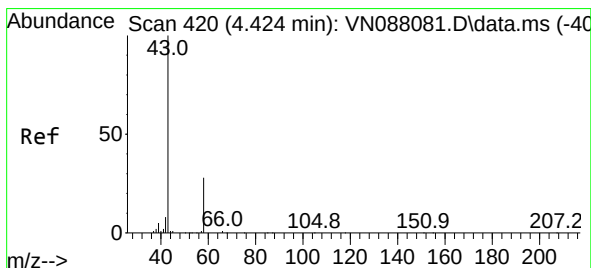
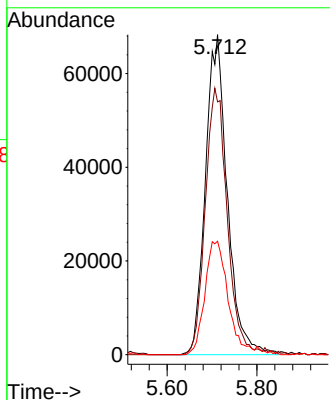
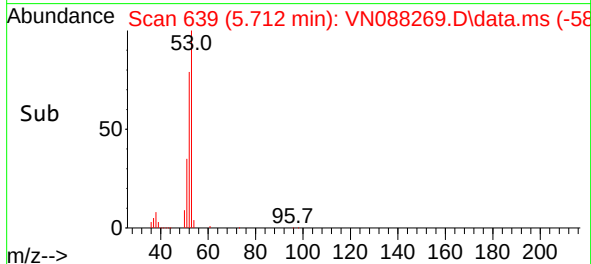
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 53 Resp: 23121
Ion Ratio Lower Upper
53 100
52 83.5 67.6 101.4
51 37.4 30.1 45.1

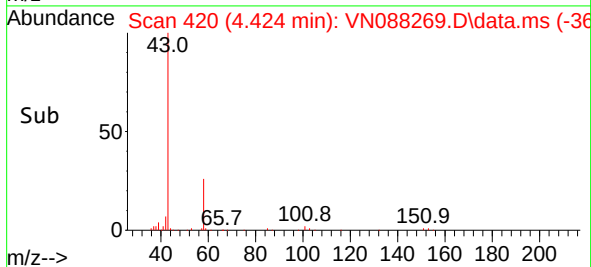
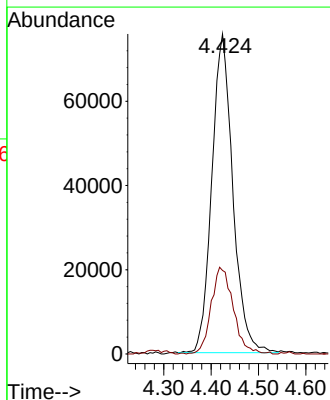
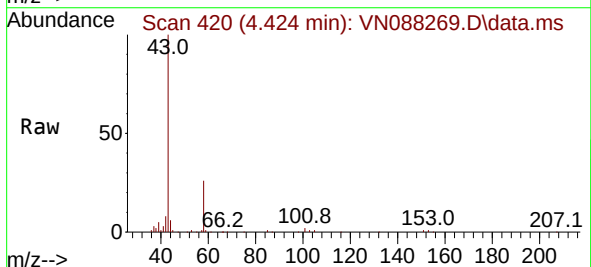
Manual Integrations
APPROVED

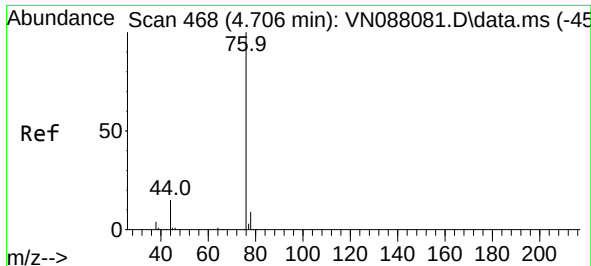
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#16
Acetone
Concen: 107.530 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

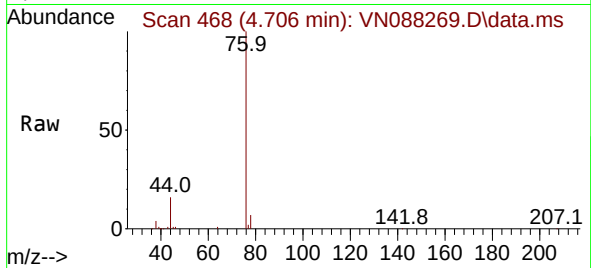
Tgt Ion: 43 Resp: 232781
Ion Ratio Lower Upper
43 100
58 26.2 22.6 33.8





#17
Carbon Disulfide
Concen: 17.730 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

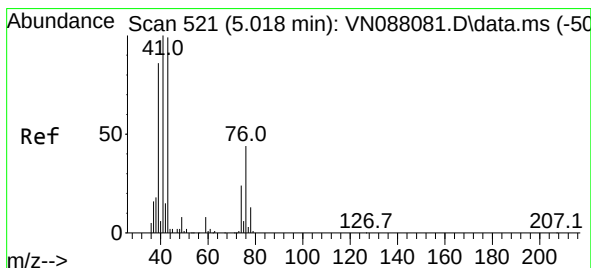
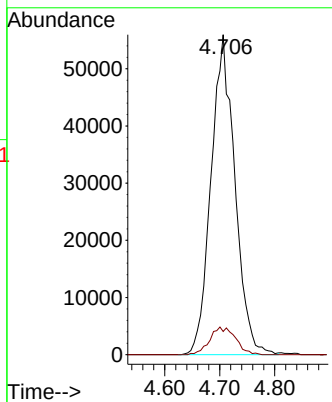
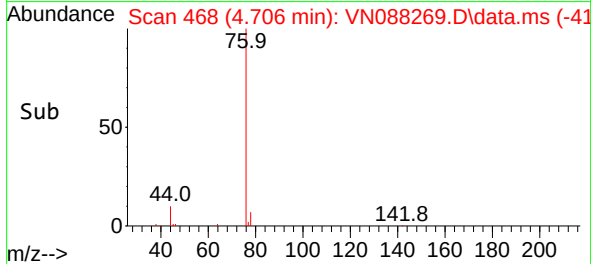
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 76 Resp: 168809
Ion Ratio Lower Upper
76 100
78 7.3 7.6 11.4

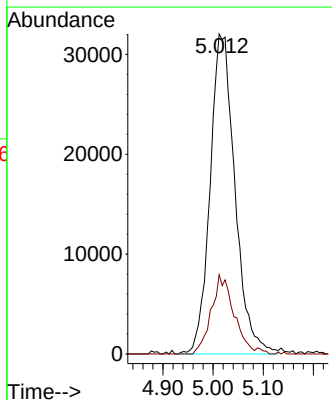
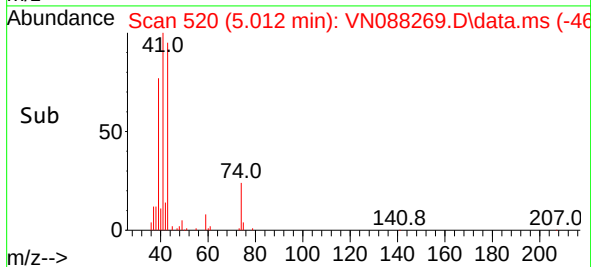
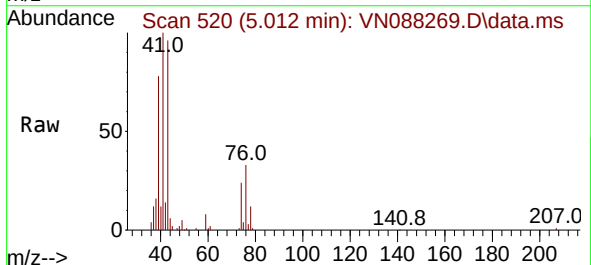
Manual Integrations
APPROVED

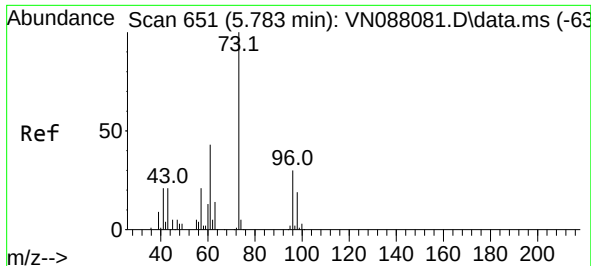
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#18
Methyl Acetate
Concen: 24.969 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

Tgt Ion: 43 Resp: 110658
Ion Ratio Lower Upper
43 100
74 22.3 17.6 26.4





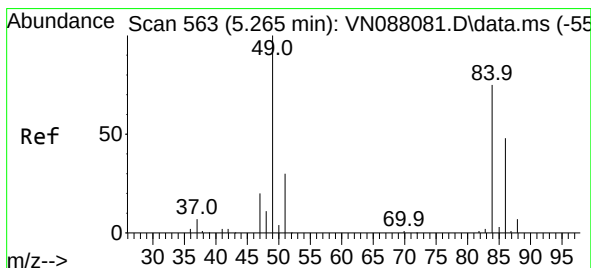
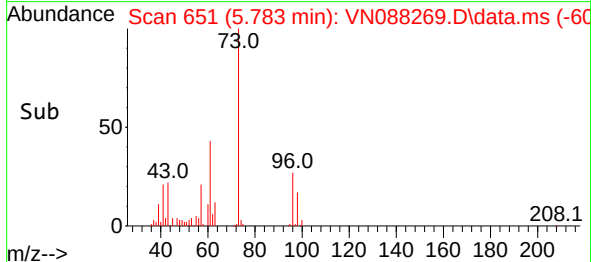
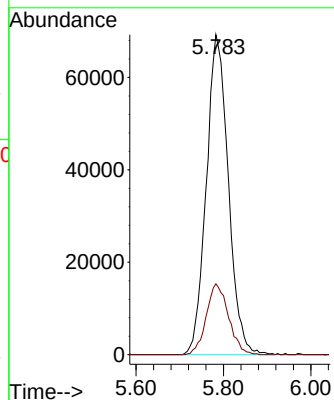
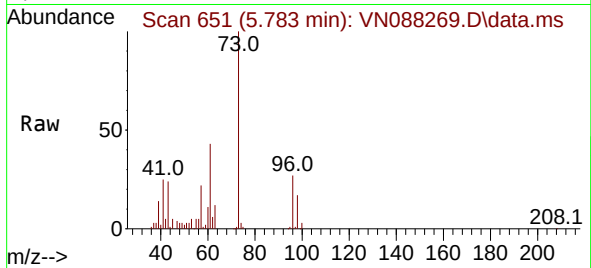
#19
Methyl tert-butyl Ether
Concen: 21.076 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01

Tgt Ion: 73 Resp: 242429
Ion Ratio Lower Upper
73 100
57 22.1 18.4 27.6

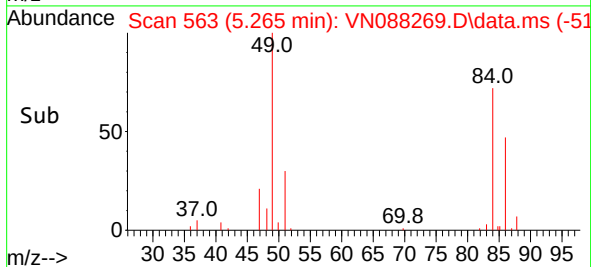
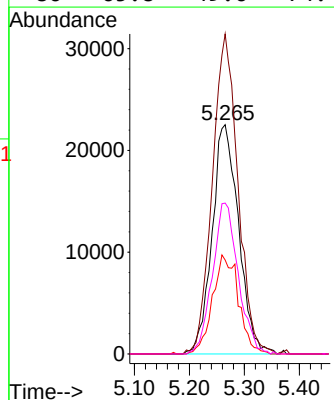
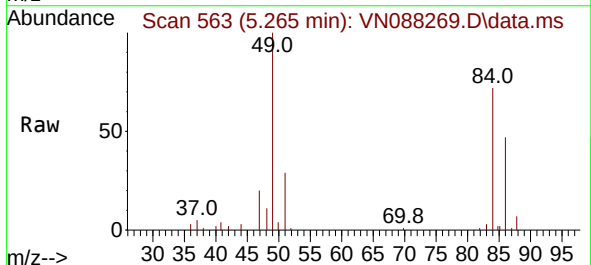
Manual Integrations
APPROVED

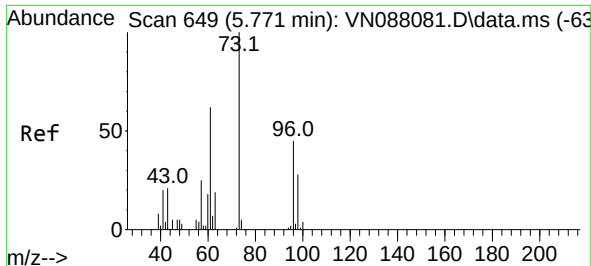
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#20
Methylene Chloride
Concen: 20.776 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

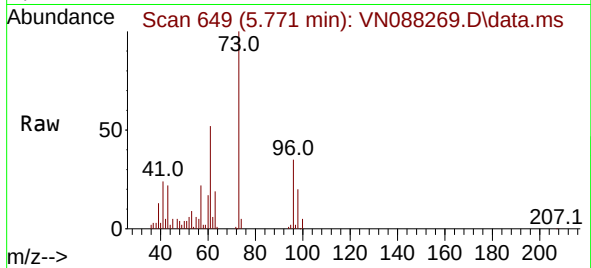
Tgt Ion: 84 Resp: 75497
Ion Ratio Lower Upper
84 100
49 139.6 103.4 155.2
51 41.0 33.8 50.8
86 65.8 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 19.046 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

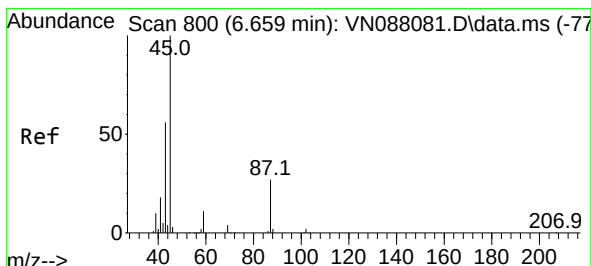
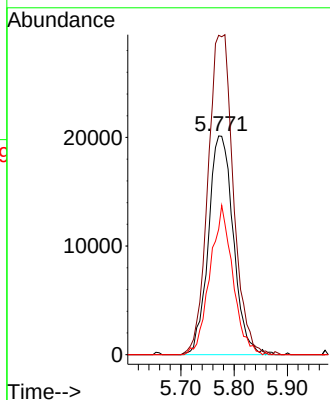
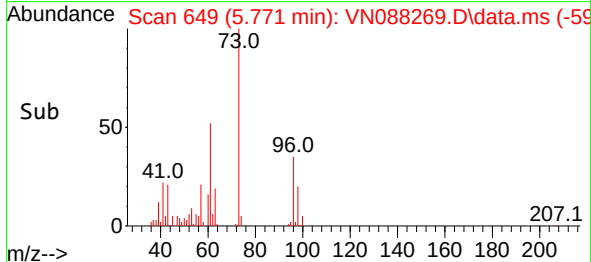
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 96 Resp: 65479
Ion Ratio Lower Upper
96 100
61 146.0 118.0 177.0
98 57.4 50.0 75.0

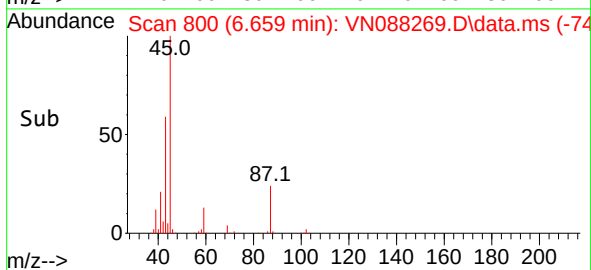
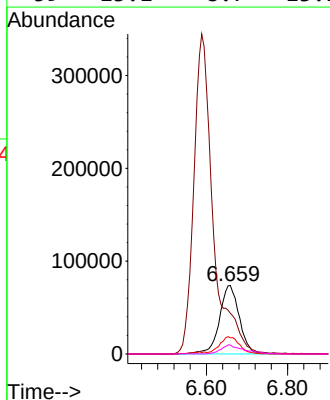
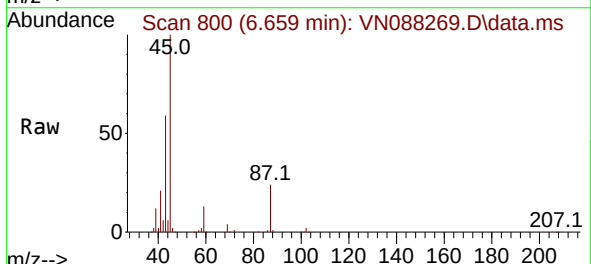
Manual Integrations
APPROVED

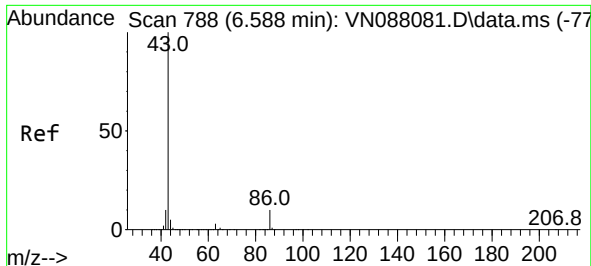
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#22
Diisopropyl ether
Concen: 21.698 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

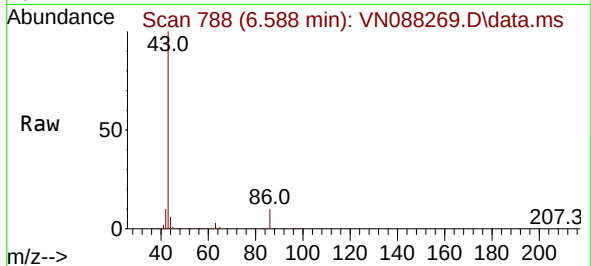
Tgt Ion: 45 Resp: 250514
Ion Ratio Lower Upper
45 100
43 58.0 47.7 71.5
87 23.5 21.4 32.0
59 13.1 8.7 13.1#





#23
 Vinyl Acetate
 Concen: 109.539 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088269.D
 Acq: 12 Nov 2025 12:32

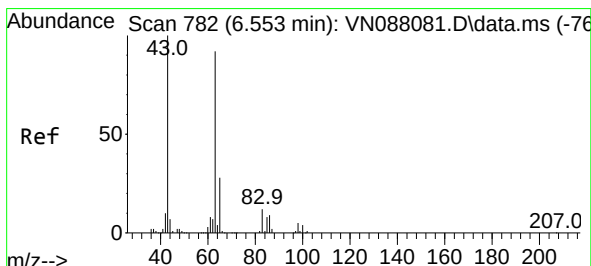
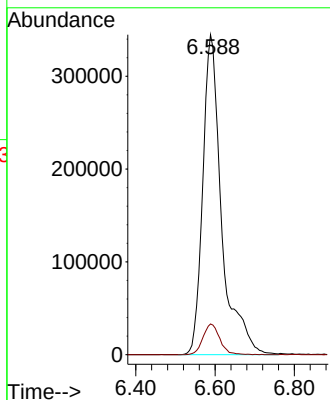
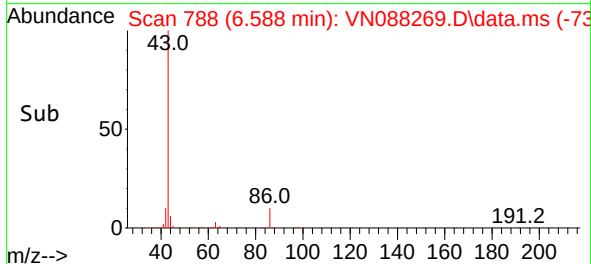
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBSD01



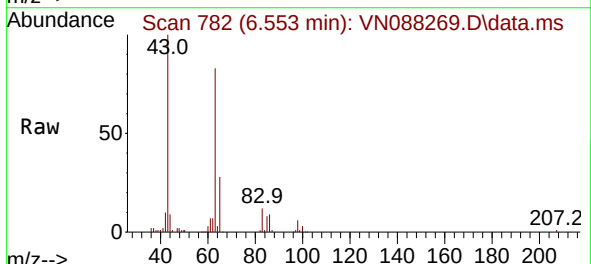
Tgt Ion: 43 Resp: 1139178
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.4

Manual Integrations
 APPROVED

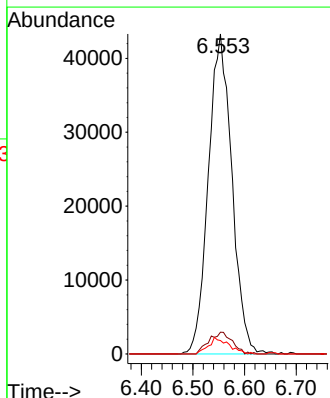
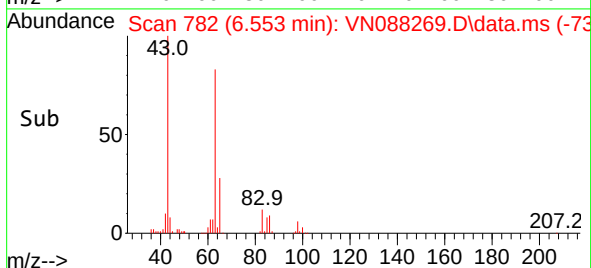
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025

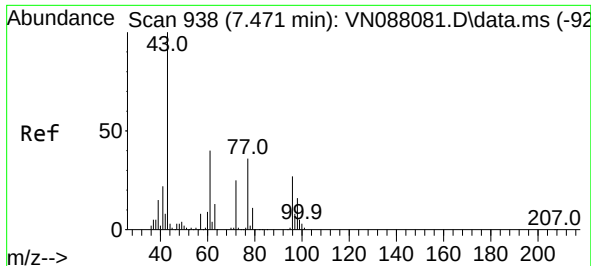


#24
 1,1-Dichloroethane
 Concen: 21.403 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088269.D
 Acq: 12 Nov 2025 12:32



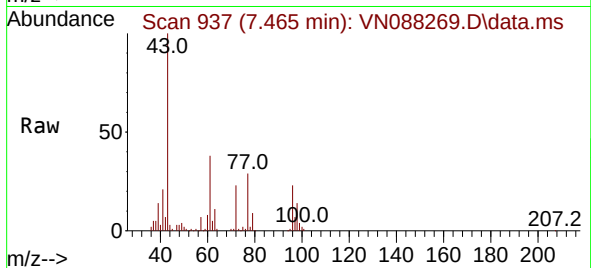
Tgt Ion: 63 Resp: 136878
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 4.2 2.0 6.0





#25
2-Butanone
Concen: 113.594 ug/l
RT: 7.465 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

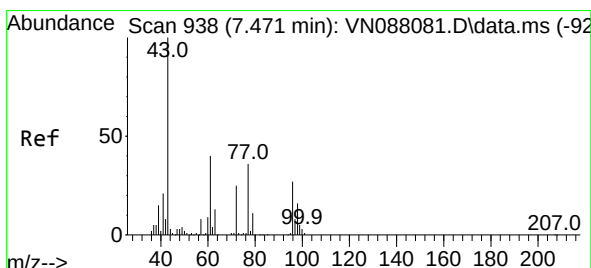
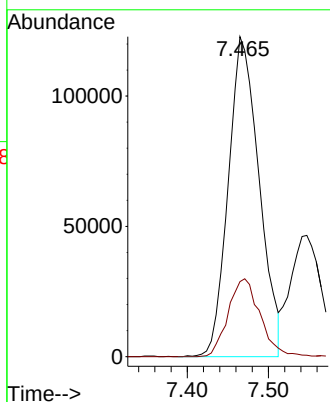
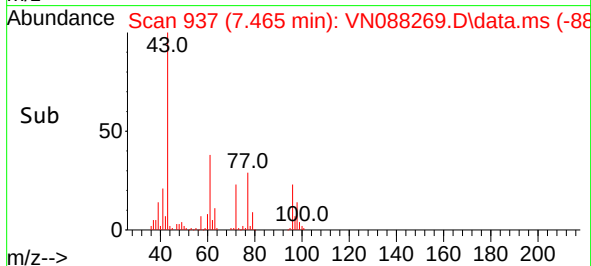
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 43 Resp: 324070
Ion Ratio Lower Upper
43 100
72 23.4 19.9 29.9

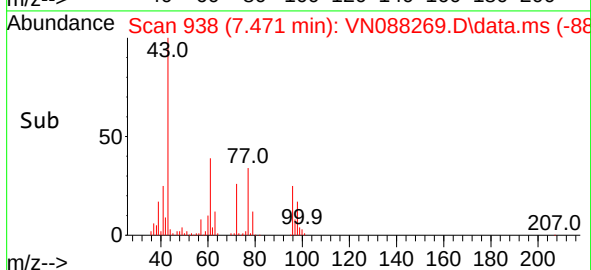
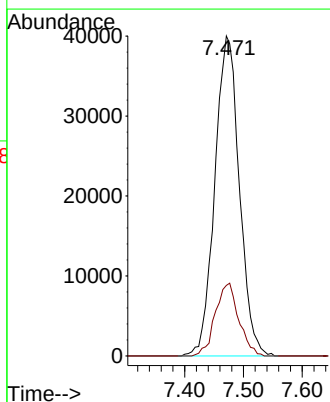
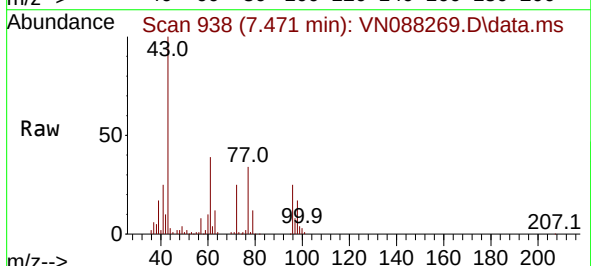
Manual Integrations
APPROVED

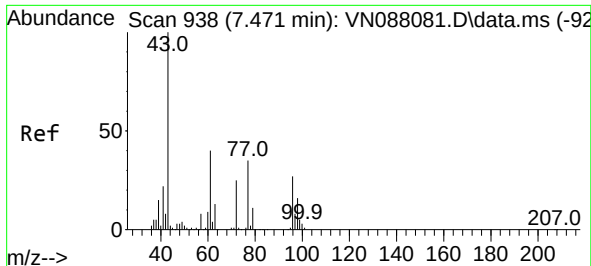
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#26
2,2-Dichloropropane
Concen: 19.952 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

Tgt Ion: 77 Resp: 115957
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.7





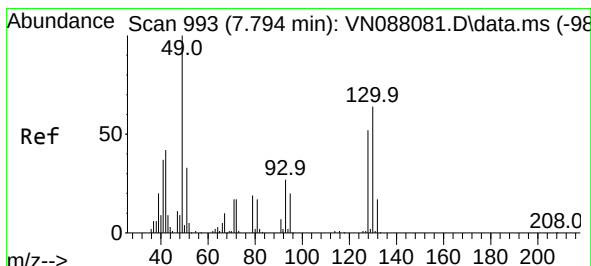
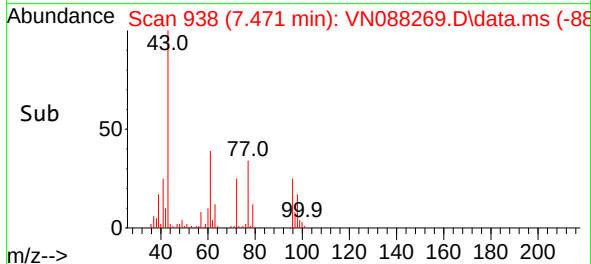
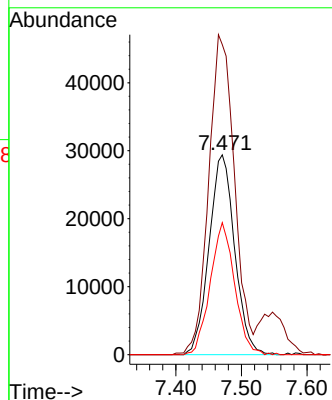
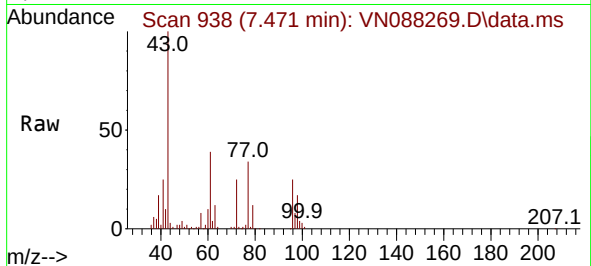
#27
 cis-1,2-Dichloroethene
 Concen: 20.154 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088269.D
 Acq: 12 Nov 2025 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBSD01

Tgt Ion: 96 Resp: 79764
 Ion Ratio Lower Upper
 96 100
 61 160.8 0.0 301.8
 98 62.9 0.0 126.2

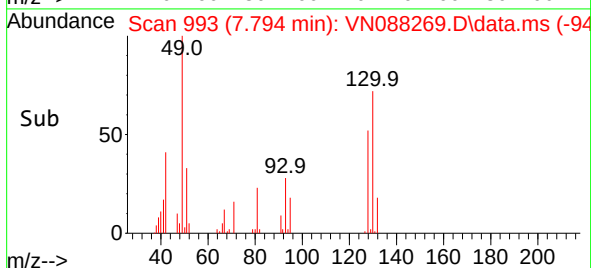
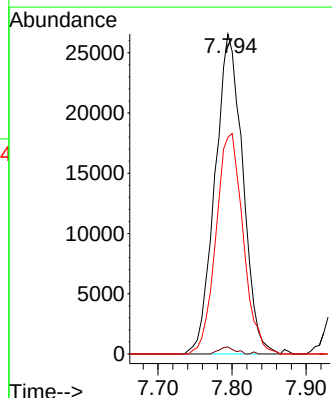
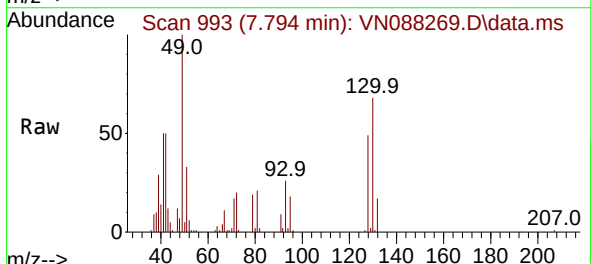
Manual Integrations
 APPROVED

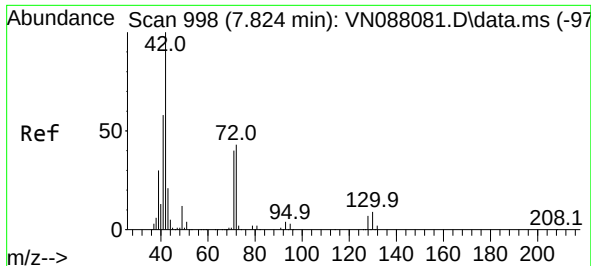
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#28
 Bromochloromethane
 Concen: 22.874 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088269.D
 Acq: 12 Nov 2025 12:32

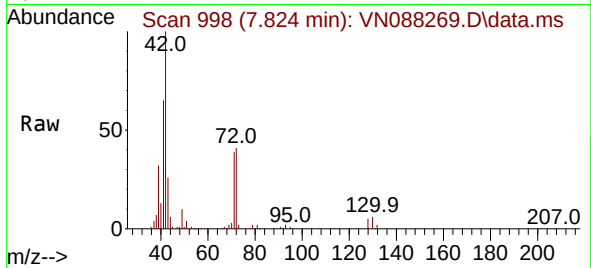
Tgt Ion: 49 Resp: 69120
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 3.0
 130 67.3 53.1 79.7





#29
Tetrahydrofuran
Concen: 111.254 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

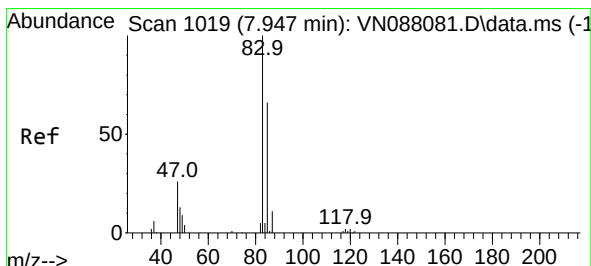
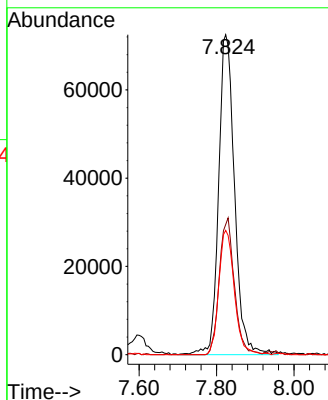
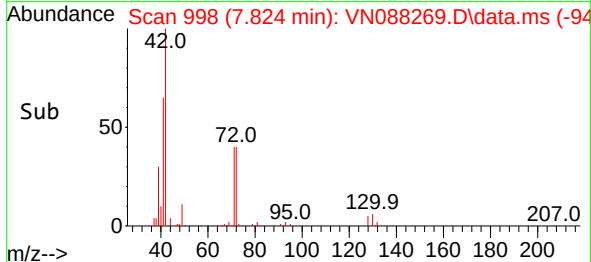
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



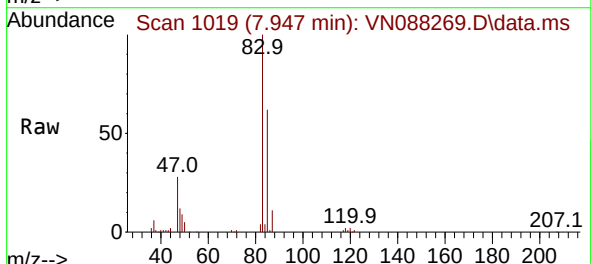
Tgt Ion: 42 Resp: 206848
Ion Ratio Lower Upper
42 100
72 40.4 33.7 50.5
71 37.9 31.9 47.9

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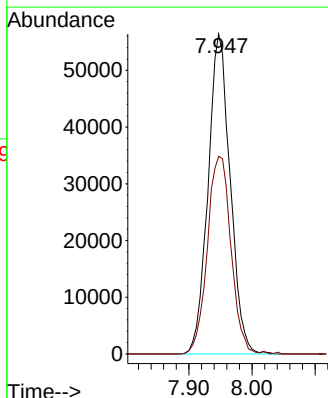
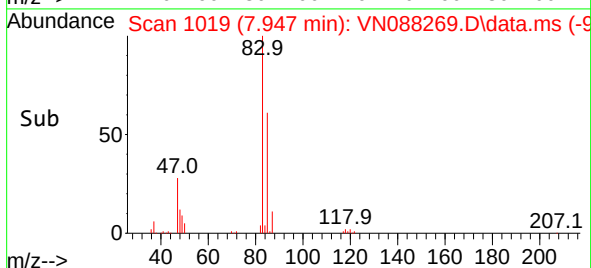
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

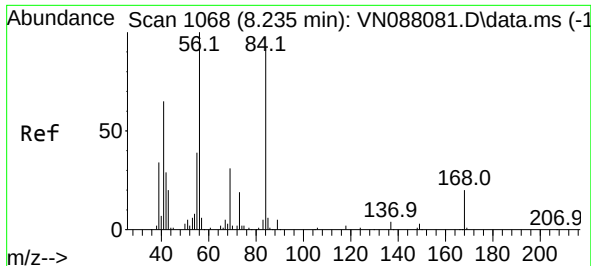


#30
Chloroform
Concen: 21.487 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32



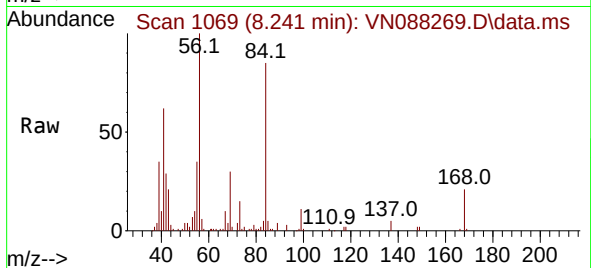
Tgt Ion: 83 Resp: 137281
Ion Ratio Lower Upper
83 100
85 61.7 50.7 76.1





#31
Cyclohexane
Concen: 19.134 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

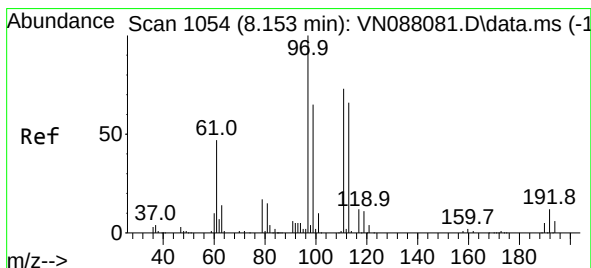
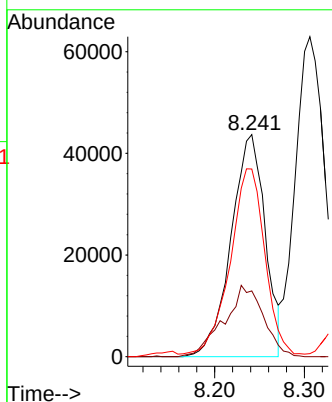
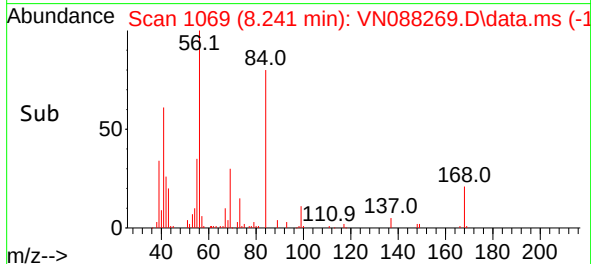
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 56 Resp: 115414
Ion Ratio Lower Upper
56 100
69 29.6 23.7 35.5
84 83.4 64.7 97.1

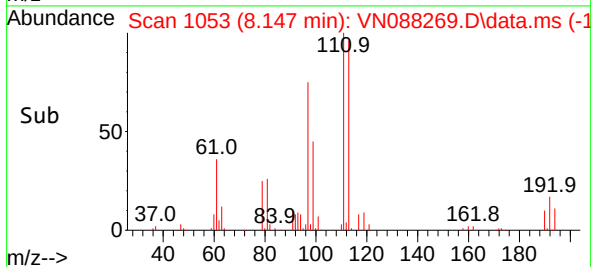
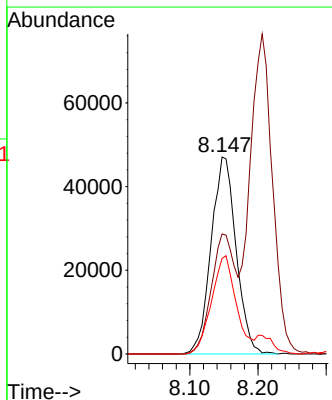
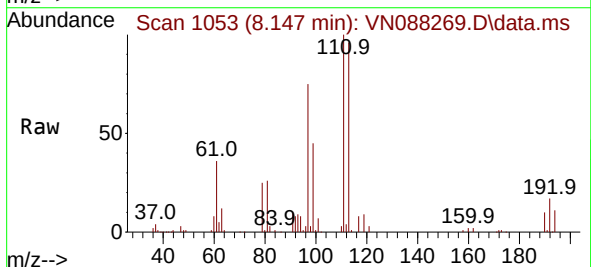
Manual Integrations
APPROVED

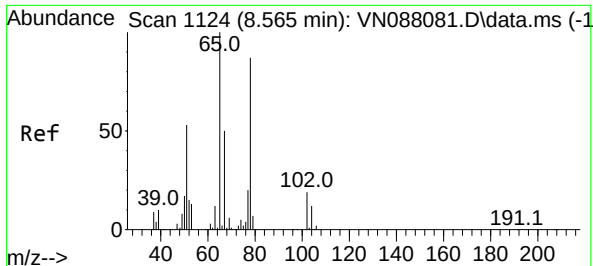
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#32
1,1,1-Trichloroethane
Concen: 21.097 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

Tgt Ion: 97 Resp: 120049
Ion Ratio Lower Upper
97 100
99 58.0 52.2 78.2
61 49.7 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 52.013 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088269.D

Acq: 12 Nov 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBSD01

Tgt Ion: 65 Resp: 22412

Ion Ratio Lower Upper

65 100

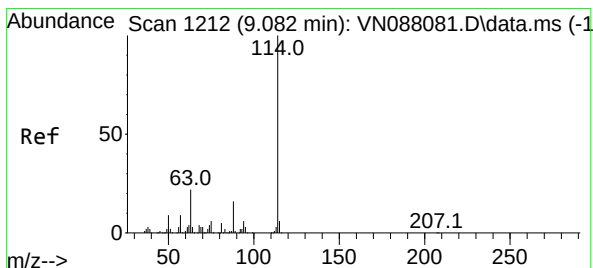
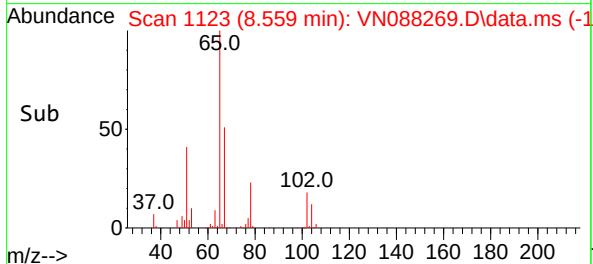
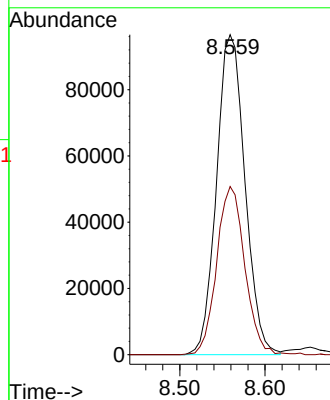
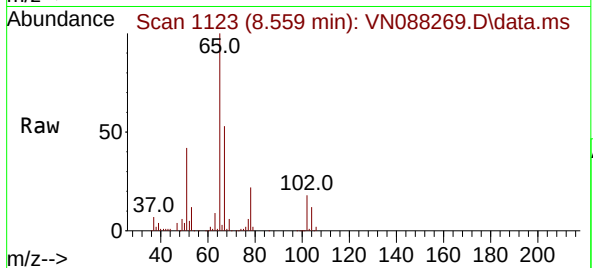
67 52.0 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088269.D

Acq: 12 Nov 2025 12:32

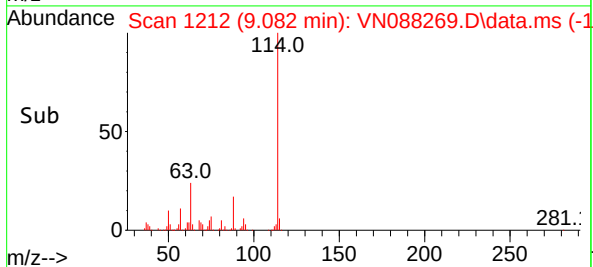
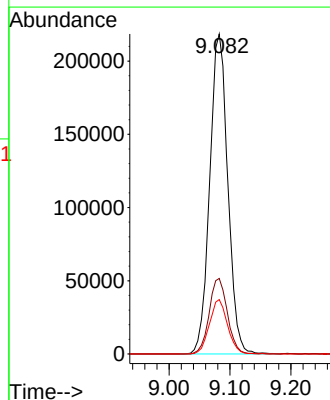
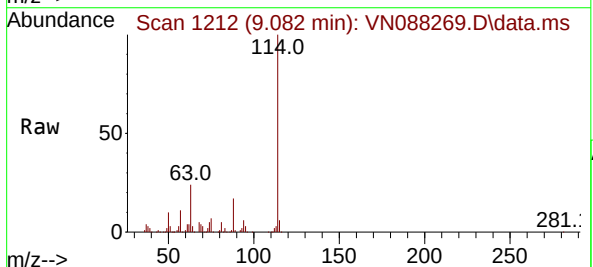
Tgt Ion:114 Resp: 450089

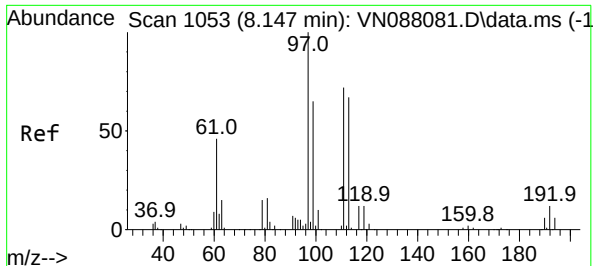
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.2

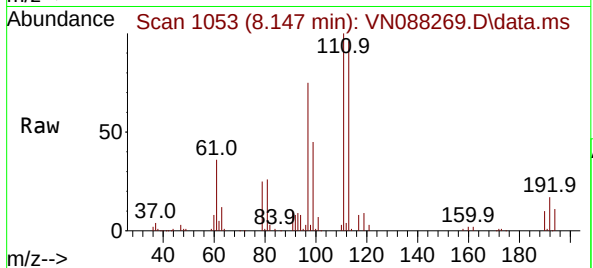
88 17.0 0.0 33.4





#35
Dibromofluoromethane
Concen: 50.433 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

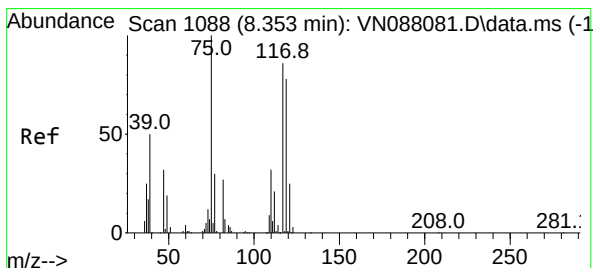
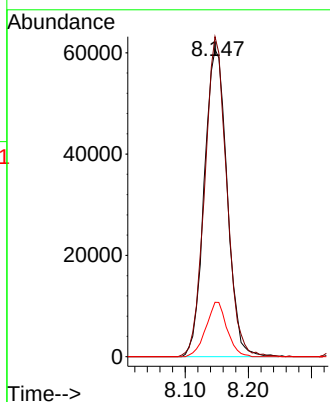
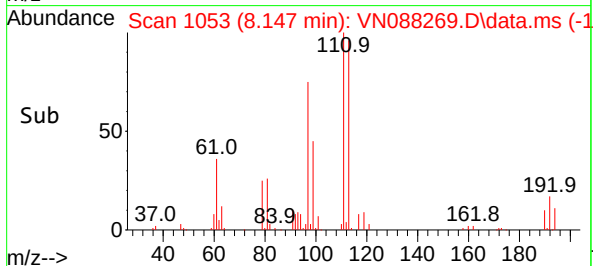
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



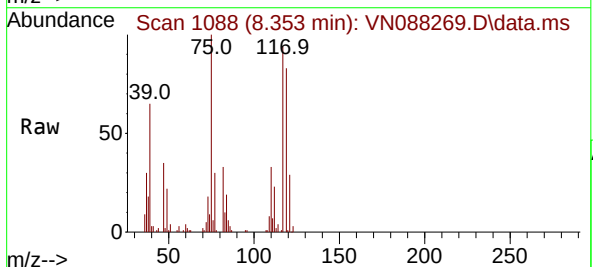
Tgt Ion: 113 Resp: 15249
Ion Ratio Lower Upper
113 100
111 100.4 82.8 124.2
192 16.3 12.8 19.2

Manual Integrations
APPROVED

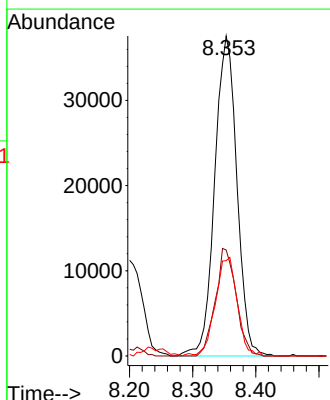
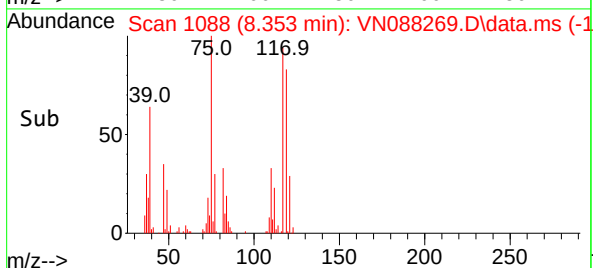
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

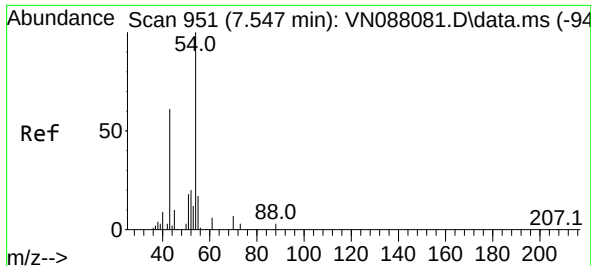


#36
1,1-Dichloropropene
Concen: 20.743 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32



Tgt Ion: 75 Resp: 91581
Ion Ratio Lower Upper
75 100
110 31.5 15.9 47.6
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 22.750 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN088269.D

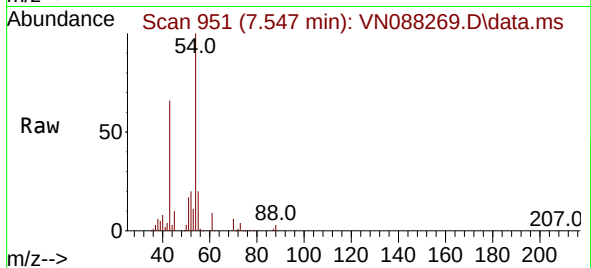
Acq: 12 Nov 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

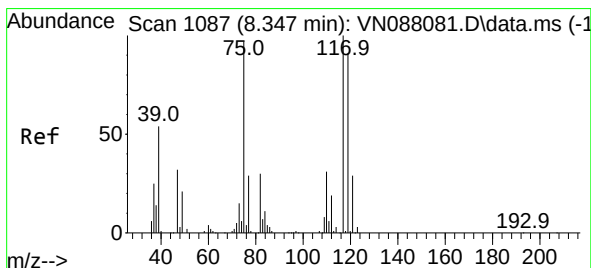
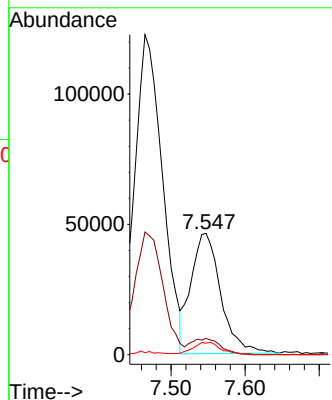
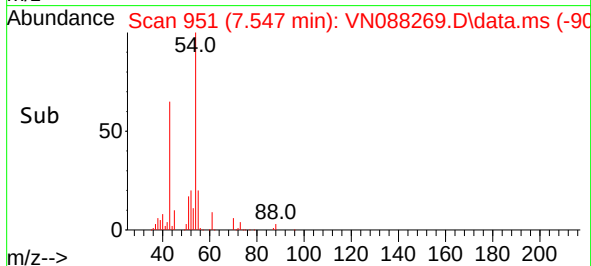
VN1112MBSD01



Tgt Ion:	43	Resp:	12961
Ion	Ratio	Lower	Upper
43	100		
61	13.4	9.3	13.9
70	9.6	7.0	10.6

Manual Integrations
APPROVED

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



#38

Carbon Tetrachloride

Concen: 22.029 ug/l

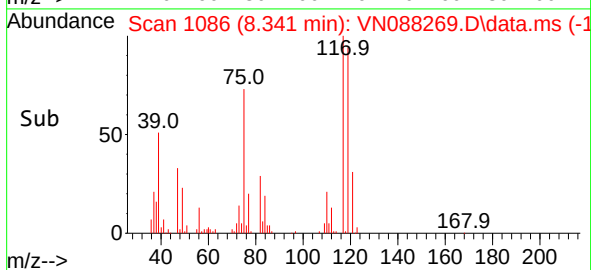
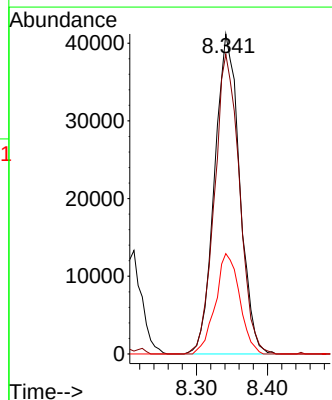
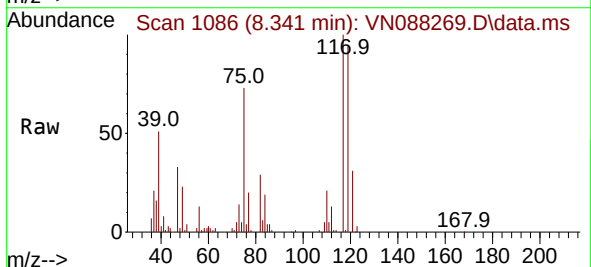
RT: 8.341 min Scan# 1086

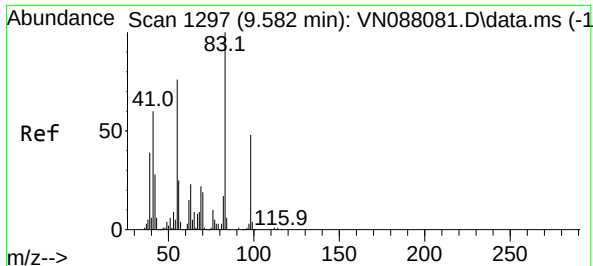
Delta R.T. -0.000 min

Lab File: VN088269.D

Acq: 12 Nov 2025 12:32

Tgt Ion:	117	Resp:	100450
Ion	Ratio	Lower	Upper
117	100		
119	93.7	79.0	118.6
121	31.4	25.0	37.6





#39

Methylcyclohexane

Concen: 17.787 ug/l

RT: 9.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN088269.D

Acq: 12 Nov 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBSD01

Tgt Ion: 83 Resp: 10093

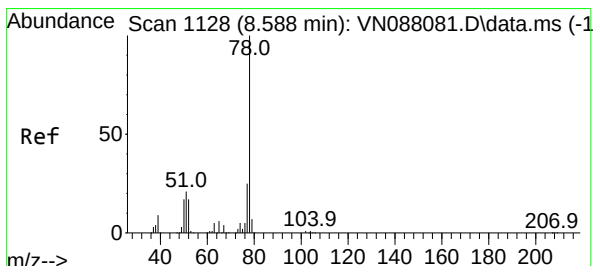
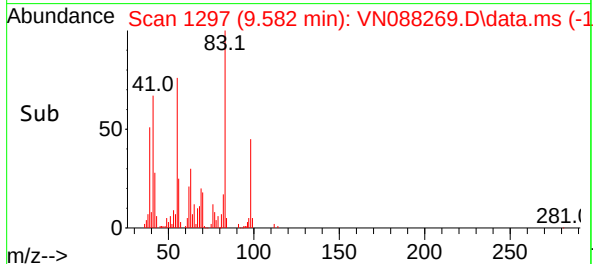
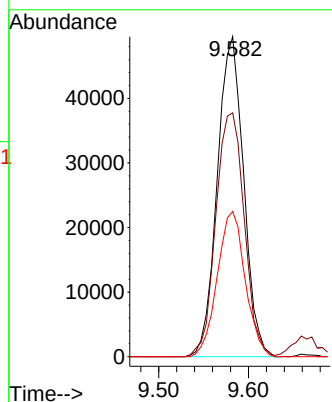
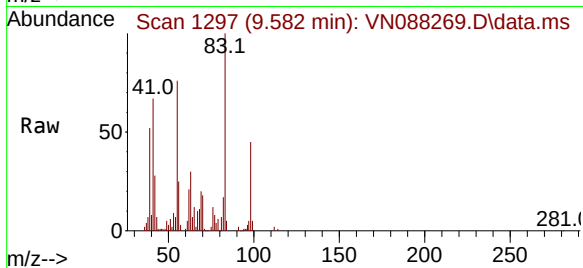
Ion	Ratio	Lower	Upper
83	100		
55	76.2	64.6	96.8
98	45.4	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#40

Benzene

Concen: 21.286 ug/l

RT: 8.582 min Scan# 1127

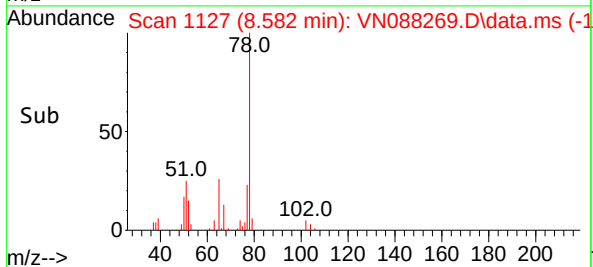
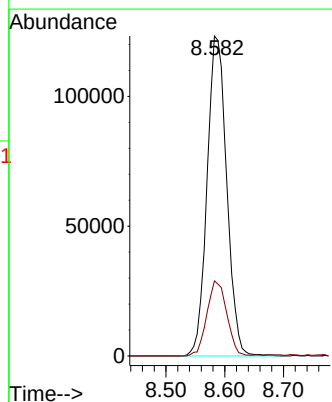
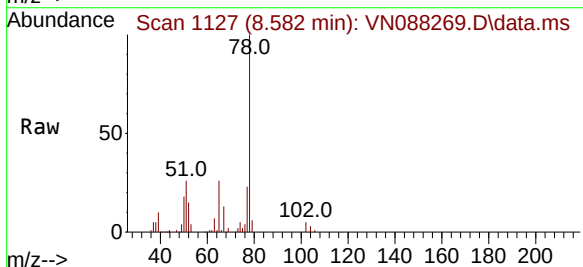
Delta R.T. -0.006 min

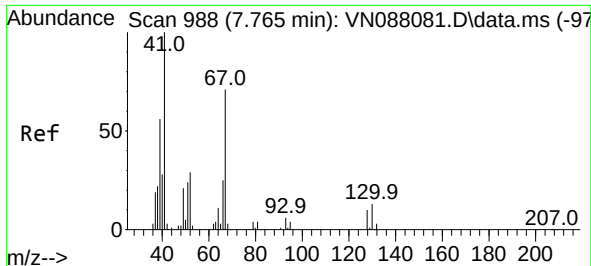
Lab File: VN088269.D

Acq: 12 Nov 2025 12:32

Tgt Ion: 78 Resp: 286199

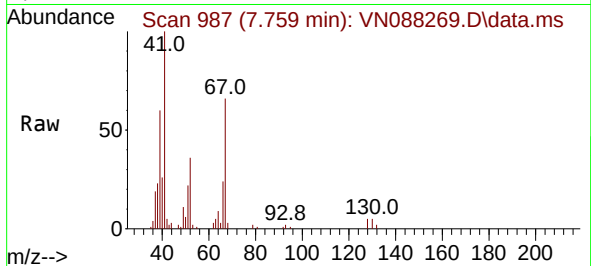
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.7	29.5





#41
Methacrylonitrile
Concen: 21.800 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

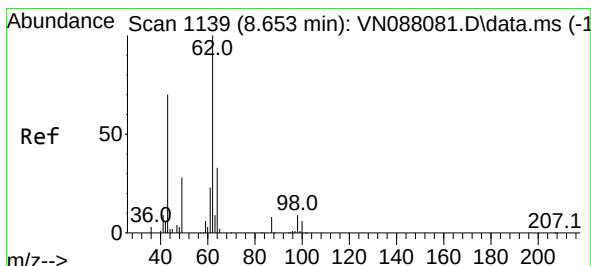
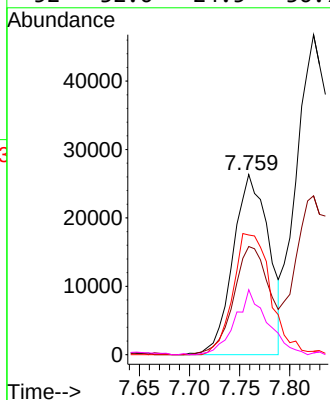
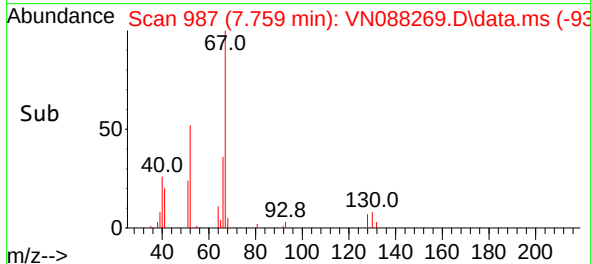
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 41 Resp: 65370
Ion Ratio Lower Upper
41 100
39 59.9 45.4 68.0
67 71.7 55.3 82.9
52 32.6 24.5 36.7

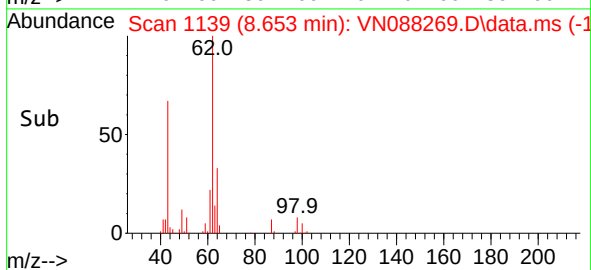
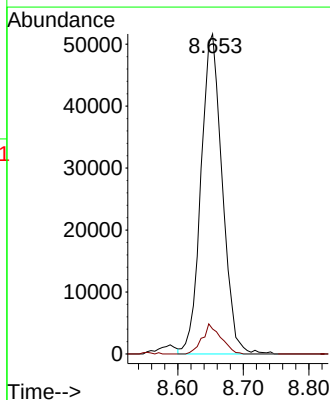
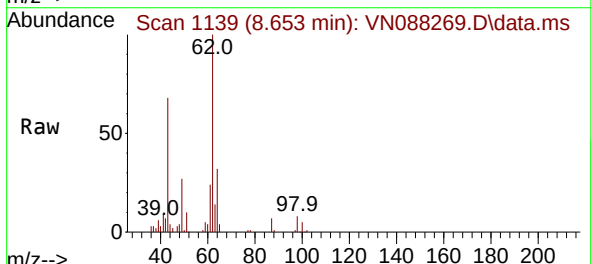
Manual Integrations
APPROVED

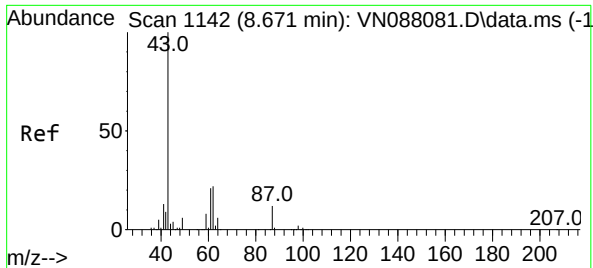
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#42
1,2-Dichloroethane
Concen: 24.451 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

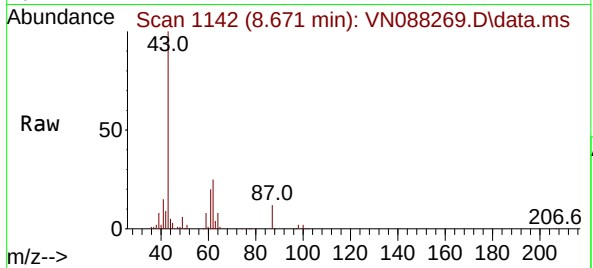
Tgt Ion: 62 Resp: 116815
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.4





#43
Isopropyl Acetate
Concen: 22.765 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

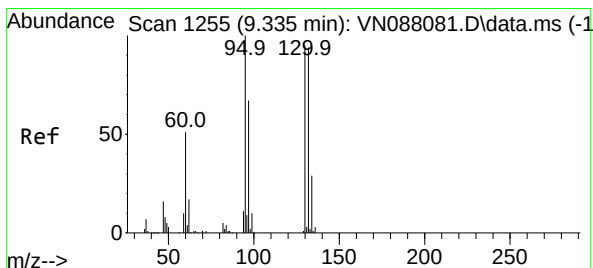
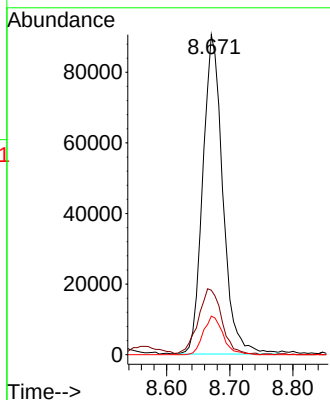
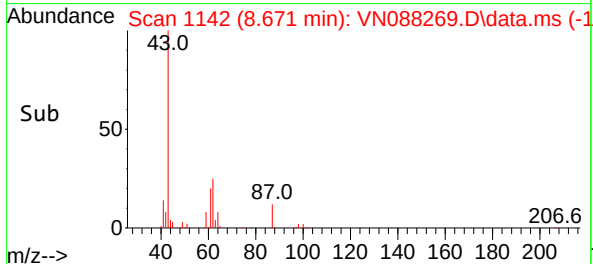
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 43 Resp: 199299
Ion Ratio Lower Upper
43 100
61 24.6 18.8 28.2
87 11.9 9.6 14.4

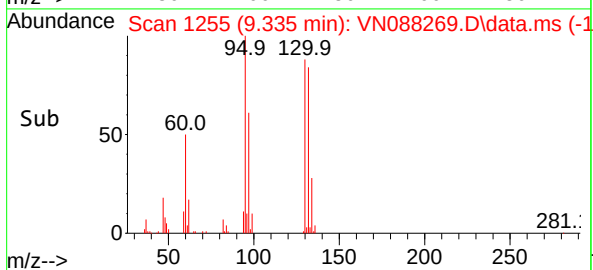
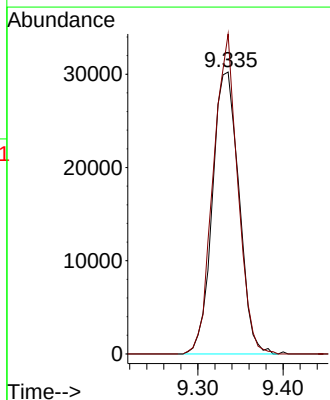
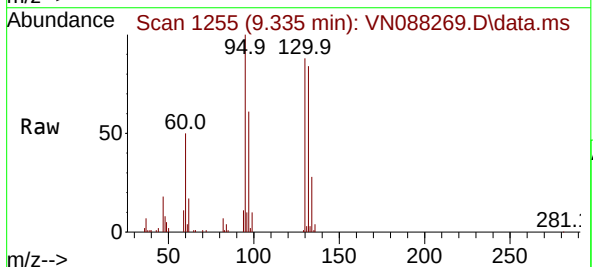
Manual Integrations
APPROVED

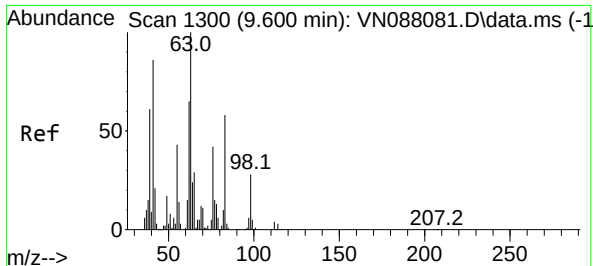
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#44
Trichloroethene
Concen: 20.852 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

Tgt Ion:130 Resp: 65534
Ion Ratio Lower Upper
130 100
95 113.5 0.0 212.0





#45

1,2-Dichloropropane

Concen: 22.652 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088269.D

Acq: 12 Nov 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBSD01

Tgt Ion: 63 Resp: 76890

Ion Ratio Lower Upper

63 100

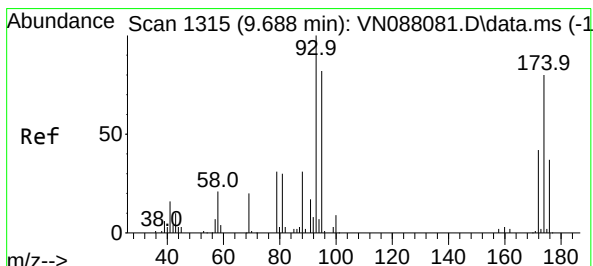
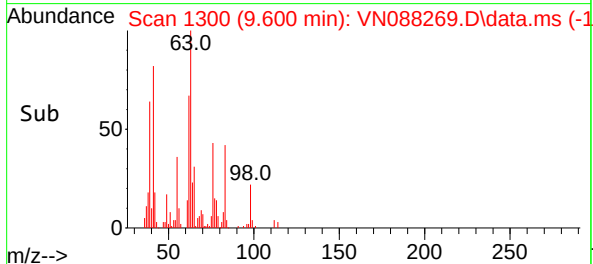
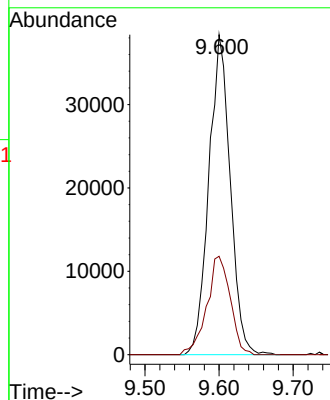
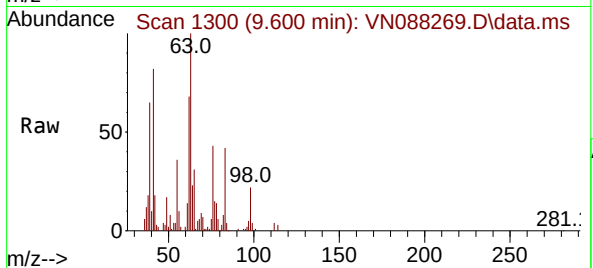
65 30.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#46

Dibromomethane

Concen: 22.675 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088269.D

Acq: 12 Nov 2025 12:32

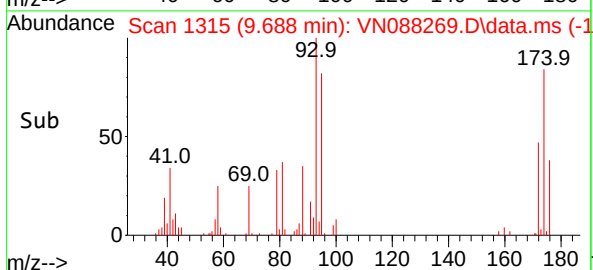
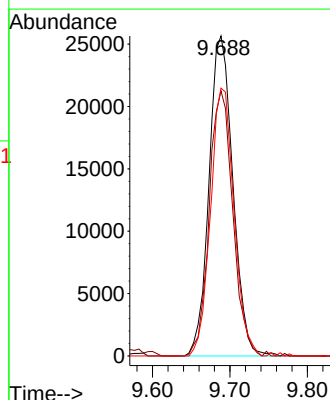
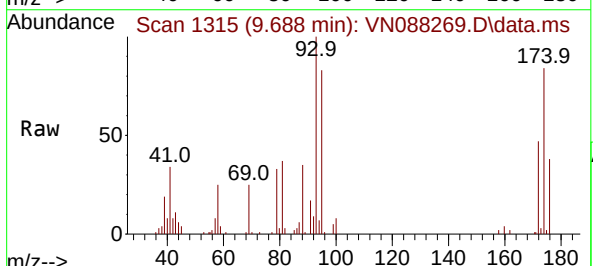
Tgt Ion: 93 Resp: 54896

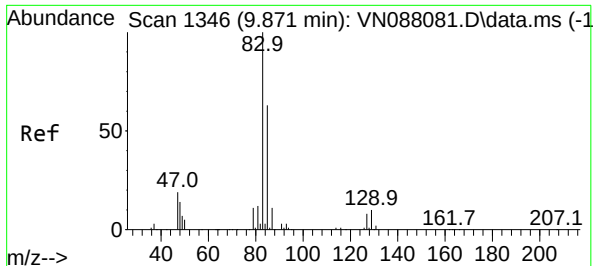
Ion Ratio Lower Upper

93 100

95 81.7 66.2 99.4

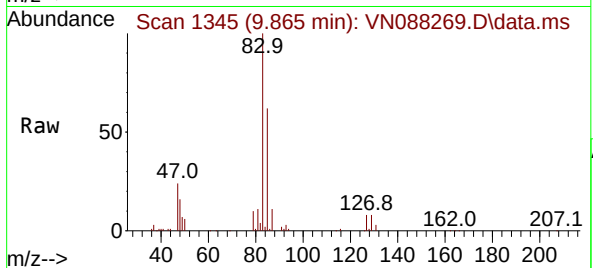
174 82.3 63.4 95.2





#47
Bromodichloromethane
Concen: 23.202 ug/l
RT: 9.865 min Scan# 11246
Delta R.T. -0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

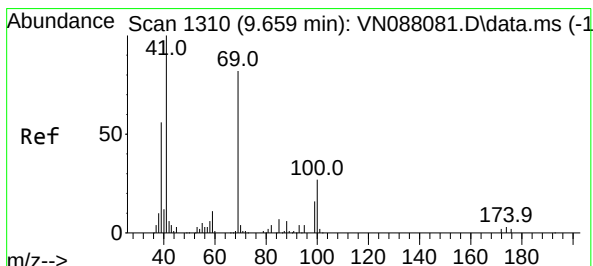
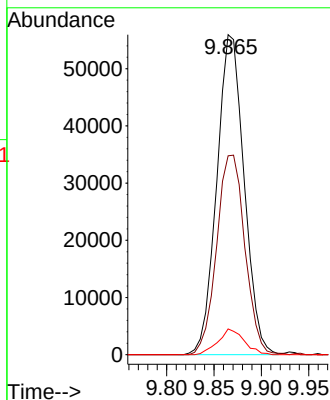
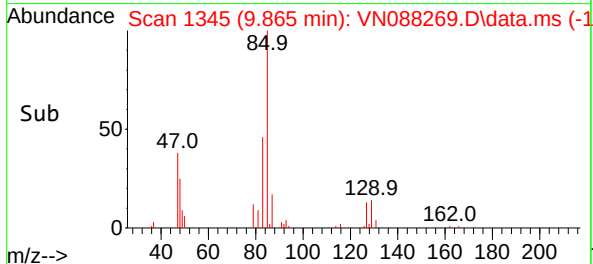
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 83 Resp: 11246
Ion Ratio Lower Upper
83 100
85 62.2 52.5 78.7
127 8.0 5.8 8.6

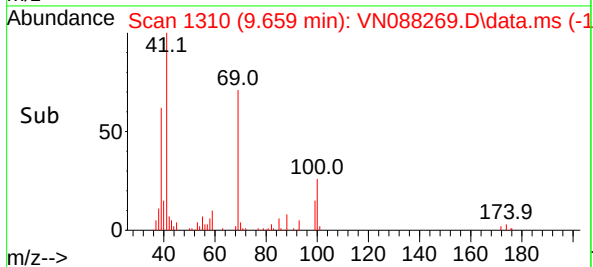
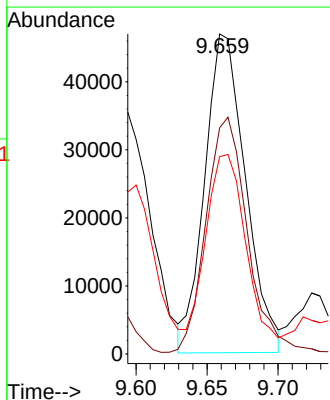
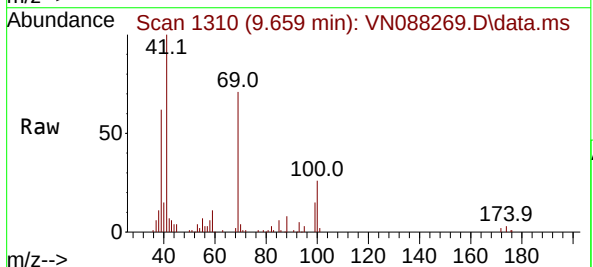
Manual Integrations
APPROVED

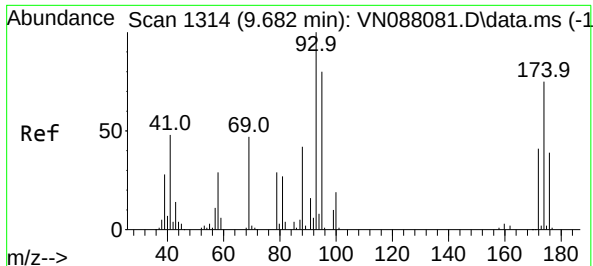
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#48
Methyl methacrylate
Concen: 23.198 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

Tgt Ion: 41 Resp: 93764
Ion Ratio Lower Upper
41 100
69 75.1 62.7 94.1
39 62.0 52.9 79.3





#49

1,4-Dioxane

Concen: 497.920 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088269.D

Acq: 12 Nov 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBSD01

Tgt Ion: 88 Resp: 2503

Ion Ratio Lower Upper

88 100

43 32.5 0.0 0.0

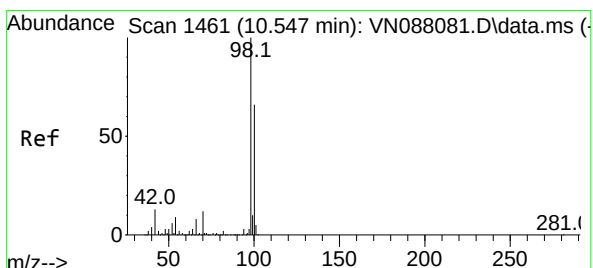
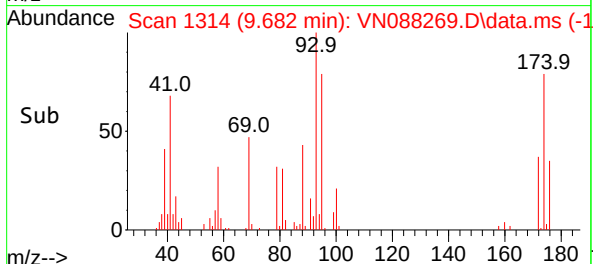
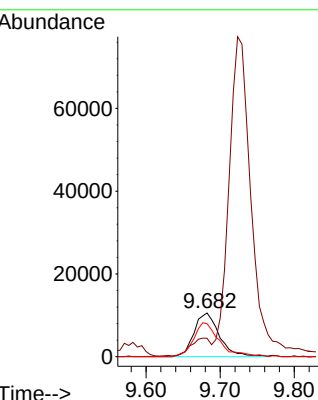
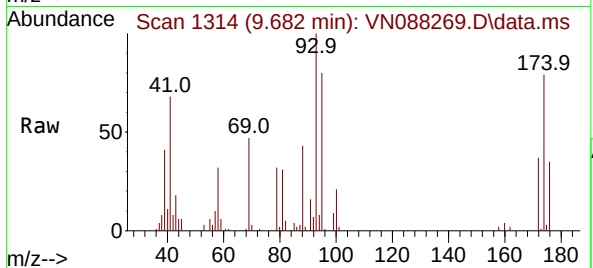
58 79.1 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#50

Toluene-d8

Concen: 46.315 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088269.D

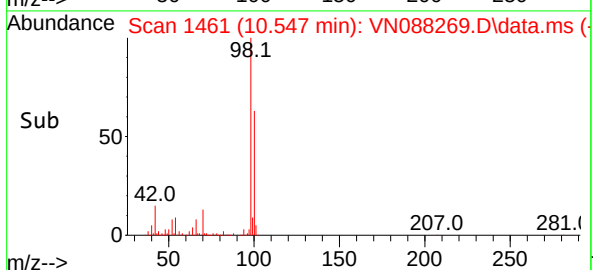
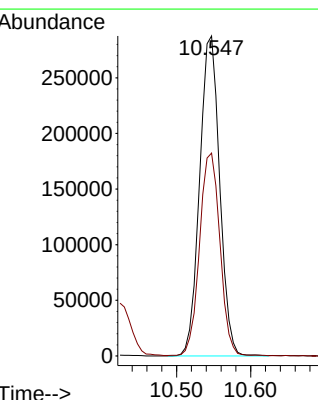
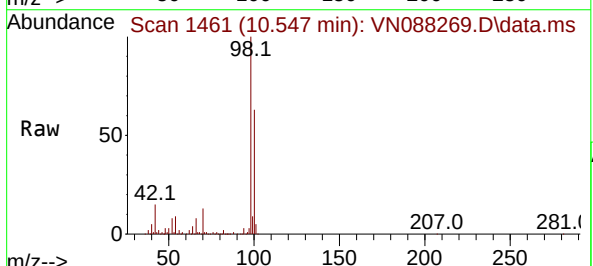
Acq: 12 Nov 2025 12:32

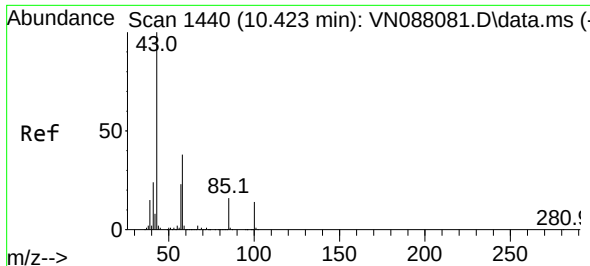
Tgt Ion: 98 Resp: 539610

Ion Ratio Lower Upper

98 100

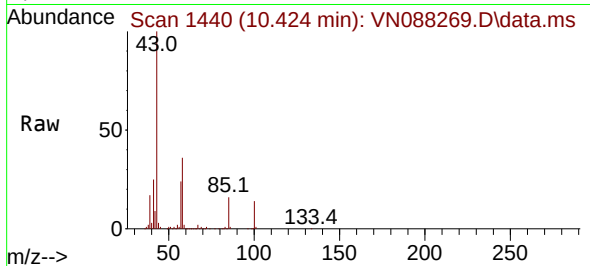
100 64.4 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 122.010 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

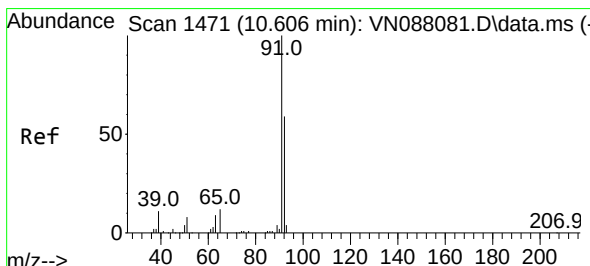
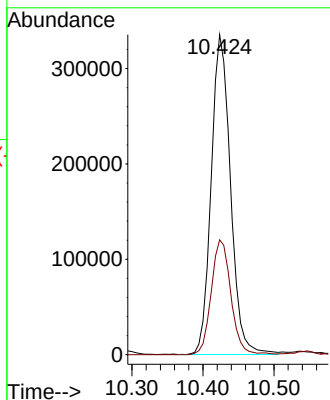
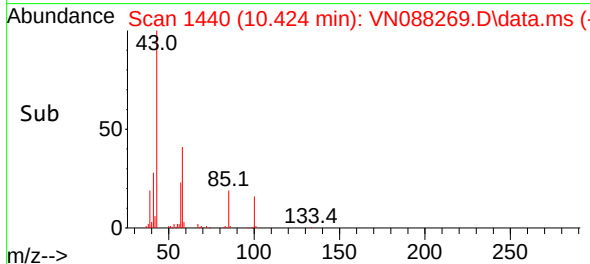
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 43 Resp: 631919
Ion Ratio Lower Upper
43 100
58 36.5 29.6 44.4

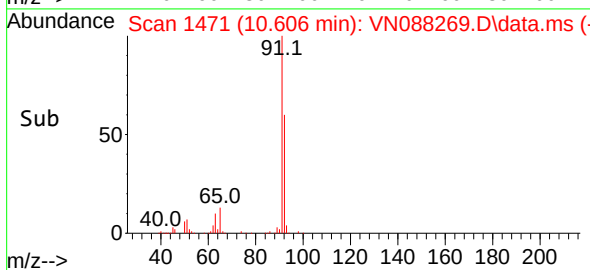
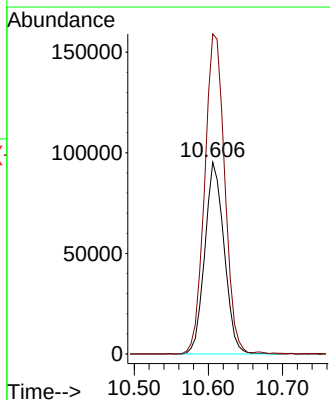
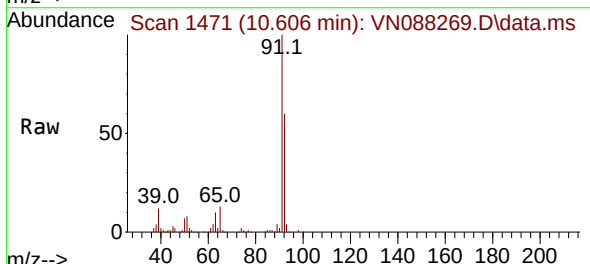
Manual Integrations
APPROVED

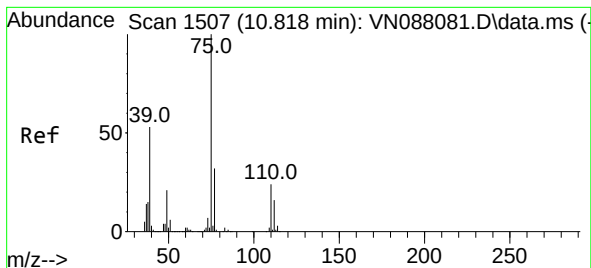
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#52
Toluene
Concen: 20.855 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

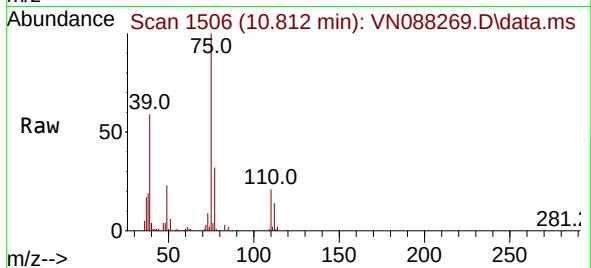
Tgt Ion: 92 Resp: 172886
Ion Ratio Lower Upper
92 100
91 172.8 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 21.392 ug/l
RT: 10.812 min Scan# 110358
Delta R.T. -0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

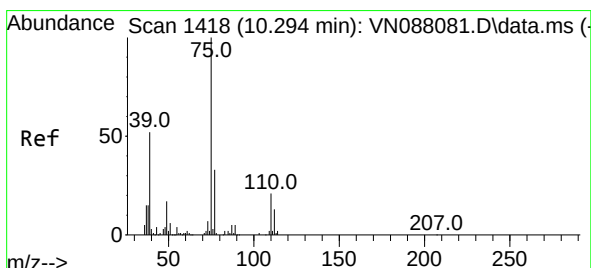
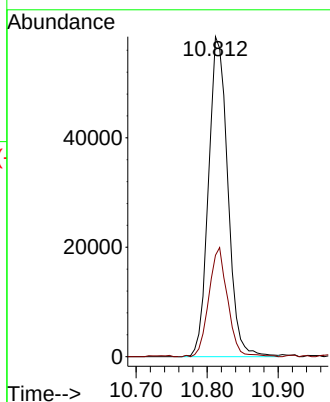
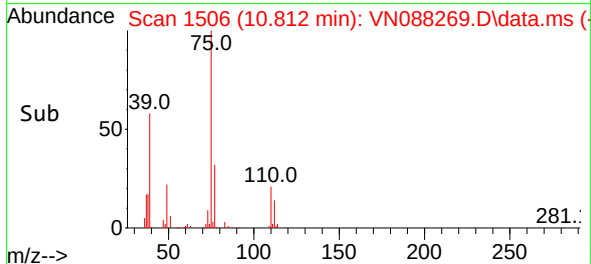
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



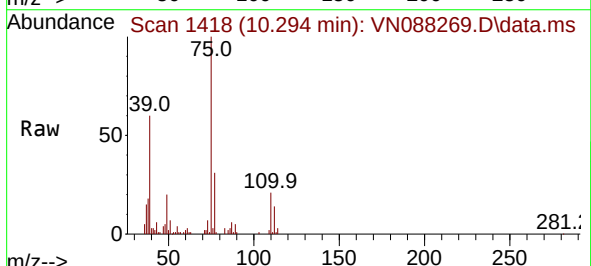
Tgt Ion: 75 Resp: 110358
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8

Manual Integrations
APPROVED

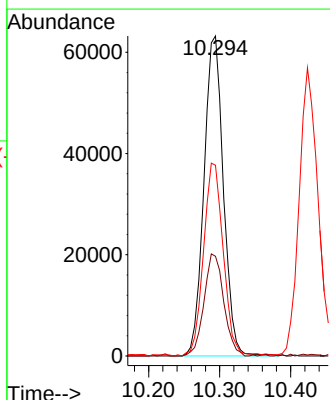
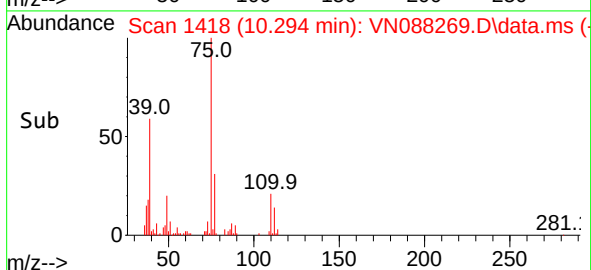
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

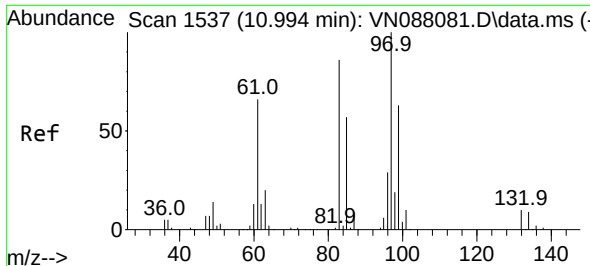


#54
cis-1,3-Dichloropropene
Concen: 21.990 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32



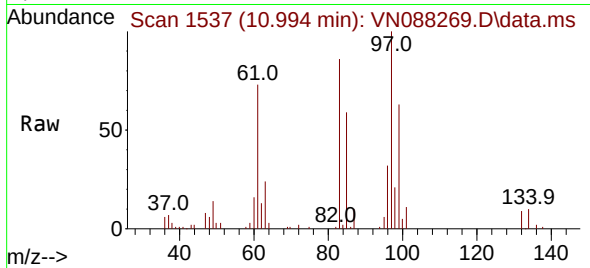
Tgt Ion: 75 Resp: 120380
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0
39 59.3 45.2 67.8





#55
 1,1,2-Trichloroethane
 Concen: 22.258 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088269.D
 Acq: 12 Nov 2025 12:32

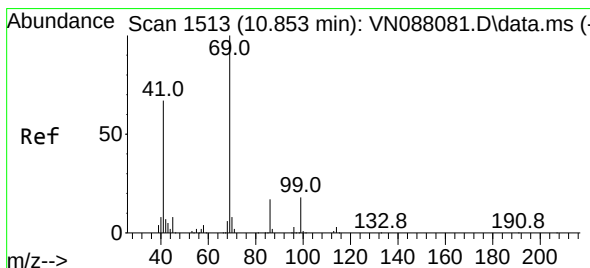
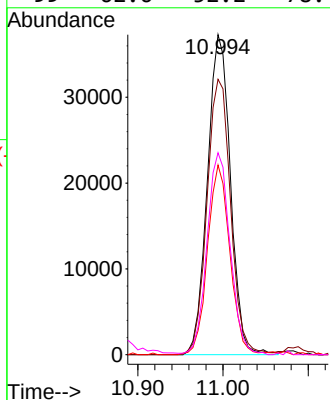
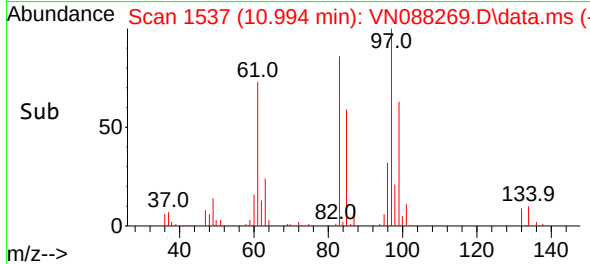
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBSD01



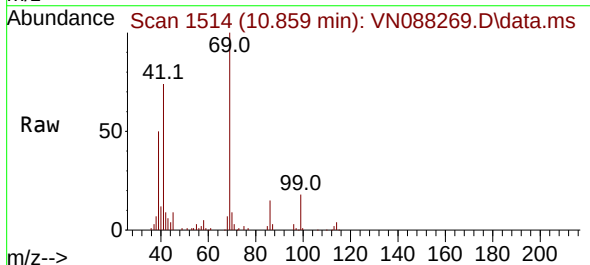
Tgt Ion:	97	Resp:	7000
Ion	Ratio	Lower	Upper
97	100		
83	86.1	68.2	102.4
85	59.3	45.5	68.3
99	62.6	52.2	78.4

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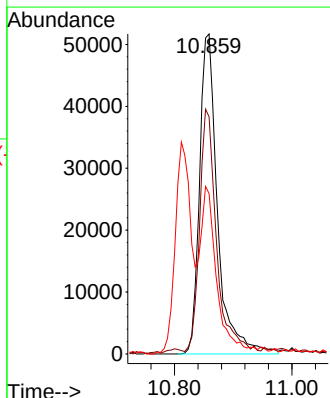
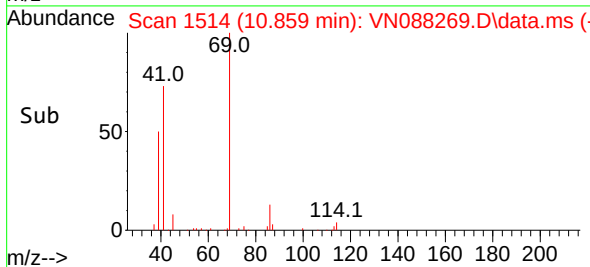
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025

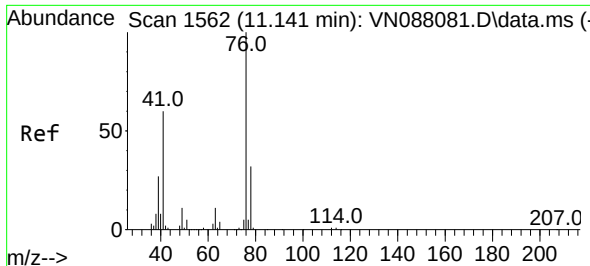


#56
 Ethyl methacrylate
 Concen: 22.131 ug/l
 RT: 10.859 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN088269.D
 Acq: 12 Nov 2025 12:32



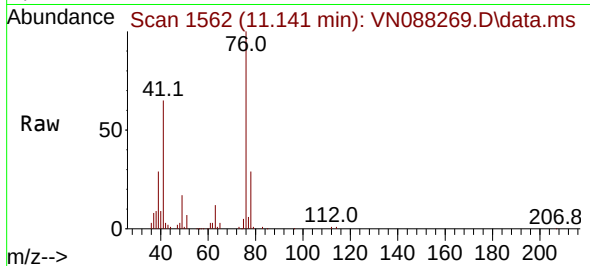
Tgt Ion:	69	Resp:	110150
Ion	Ratio	Lower	Upper
69	100		
41	70.4	56.5	84.7
39	45.9	34.2	51.4





#57
1,3-Dichloropropane
Concen: 23.015 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

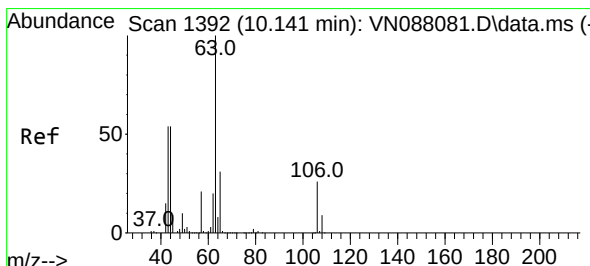
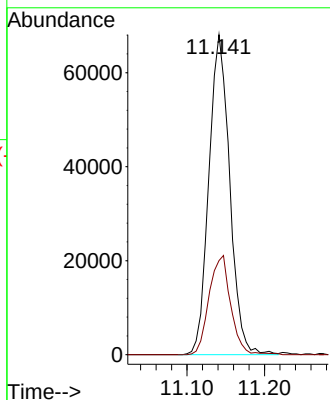
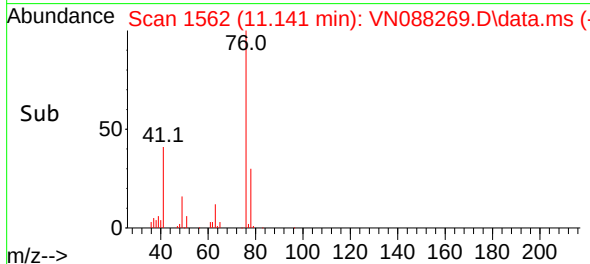
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 76 Resp: 12723
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.4

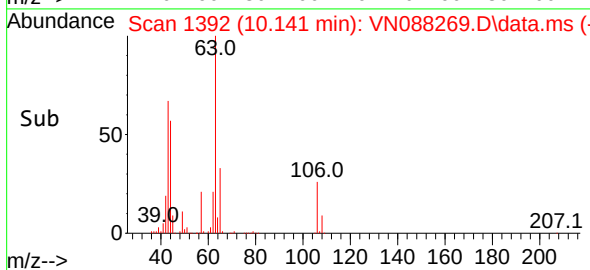
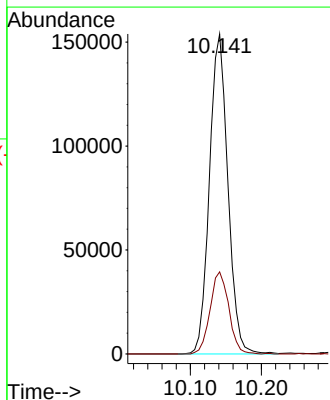
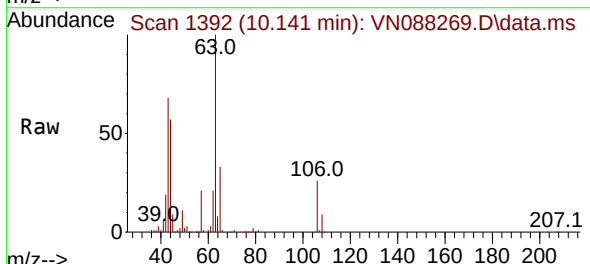
Manual Integrations
APPROVED

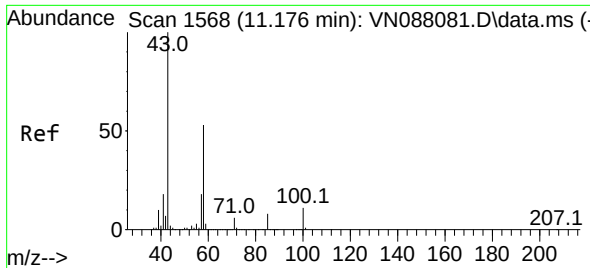
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#58
2-Chloroethyl Vinyl ether
Concen: 107.045 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

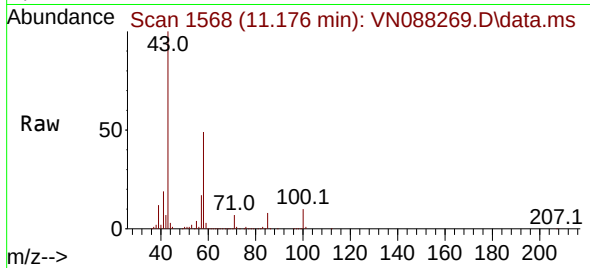
Tgt Ion: 63 Resp: 277125
Ion Ratio Lower Upper
63 100
106 26.0 21.1 31.7





#59
2-Hexanone
Concen: 119.377 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

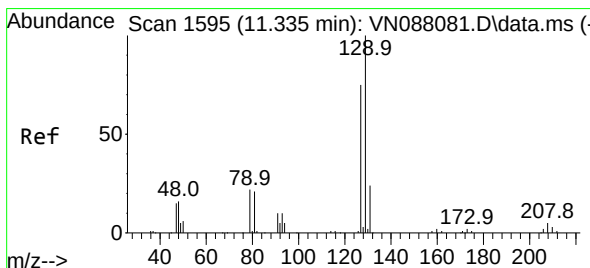
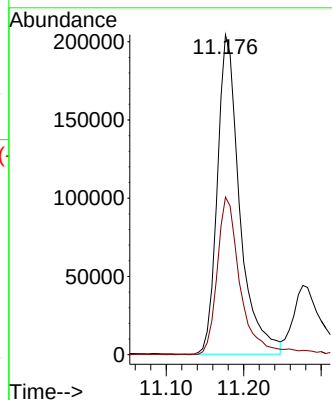
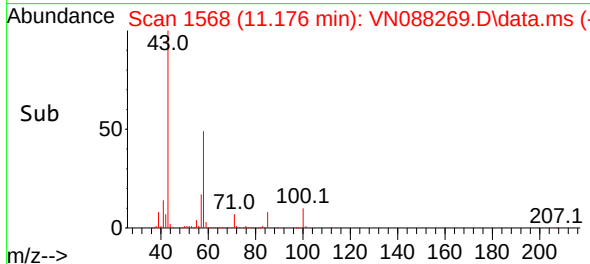
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 43 Resp: 41015
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.8

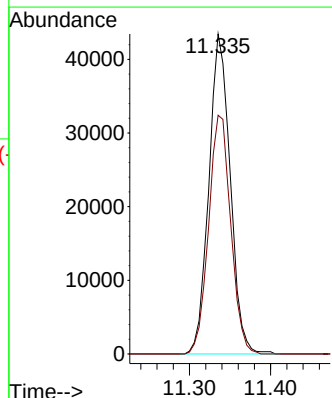
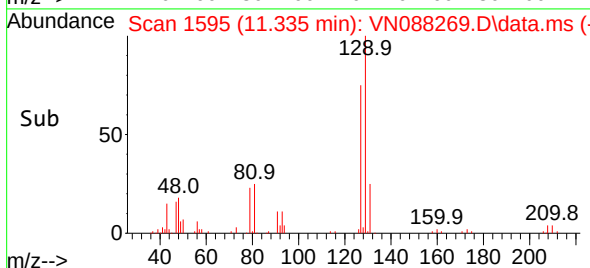
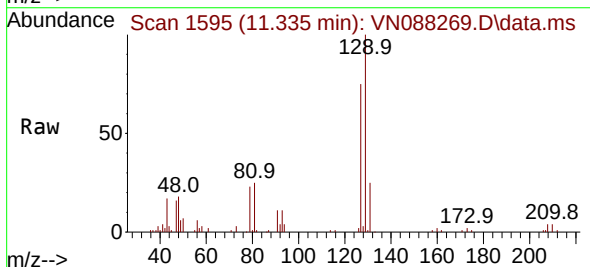
Manual Integrations
APPROVED

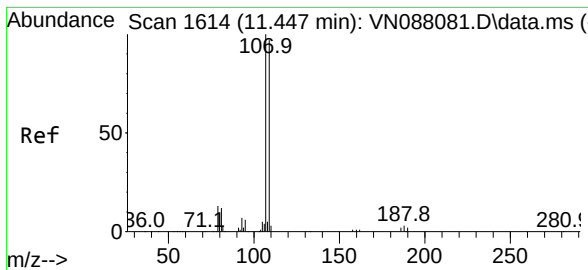
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#60
Dibromochloromethane
Concen: 22.177 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

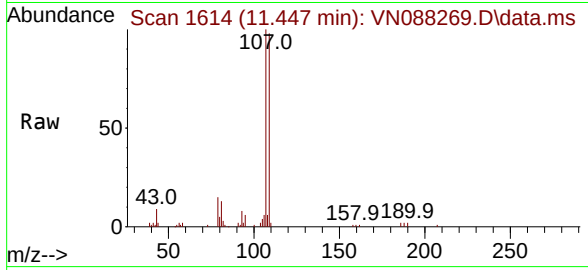
Tgt Ion:129 Resp: 79277
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.3





#61
1,2-Dibromoethane
Concen: 21.567 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

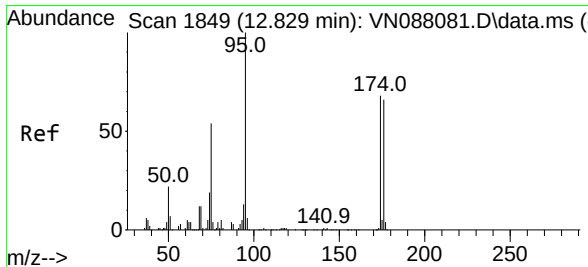
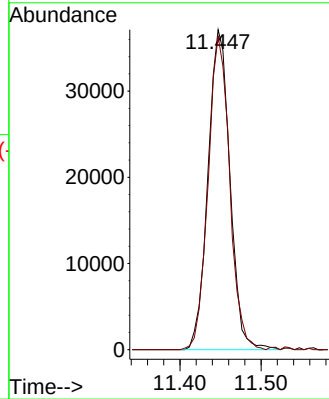
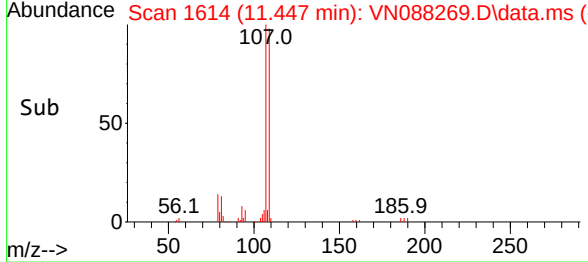
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion:107 Resp: 69809
Ion Ratio Lower Upper
107 100
109 96.1 74.7 112.1

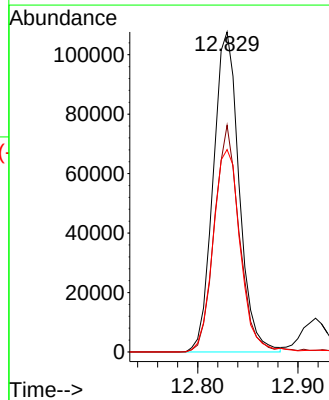
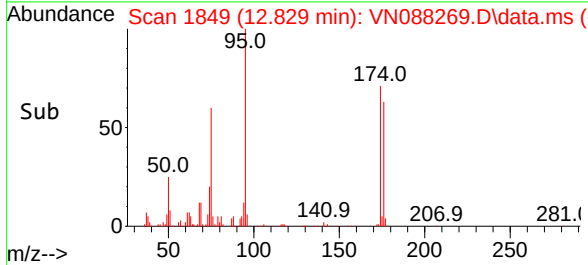
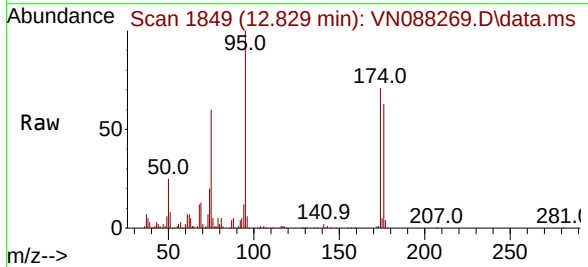
Manual Integrations
APPROVED

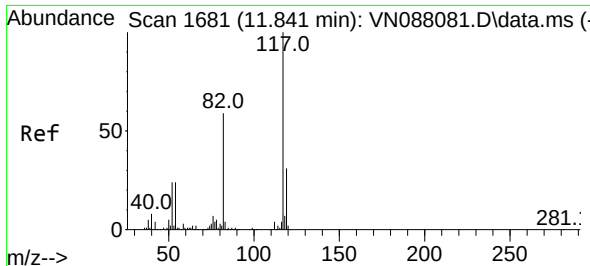
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#62
4-Bromofluorobenzene
Concen: 46.979 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

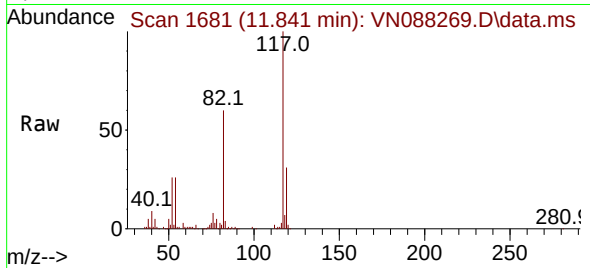
Tgt Ion: 95 Resp: 193302
Ion Ratio Lower Upper
95 100
174 68.4 0.0 138.4
176 66.4 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

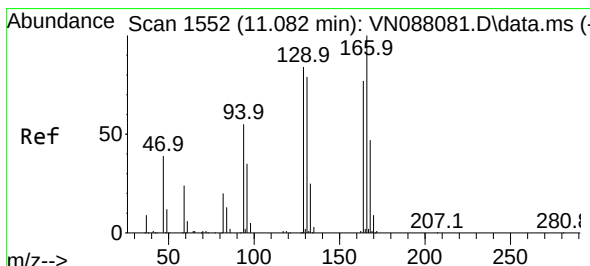
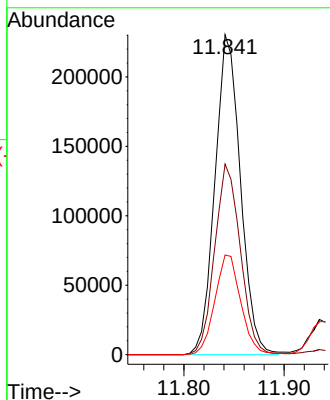
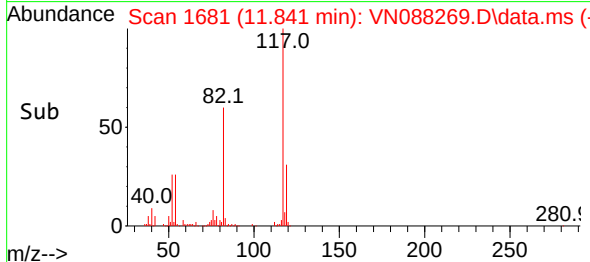
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



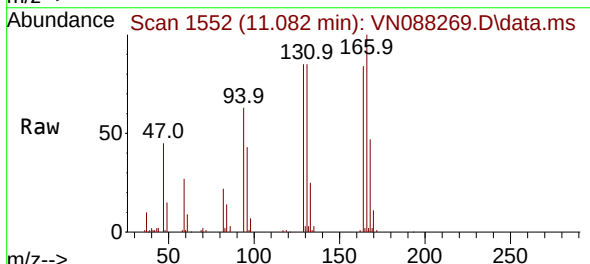
Tgt Ion:117 Resp: 407010
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 31.2 24.3 36.5

Manual Integrations
APPROVED

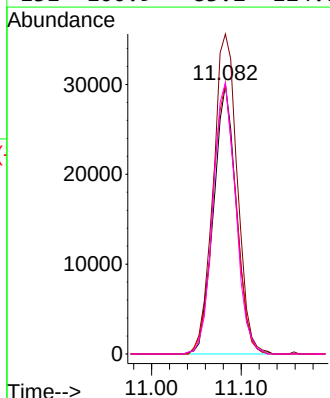
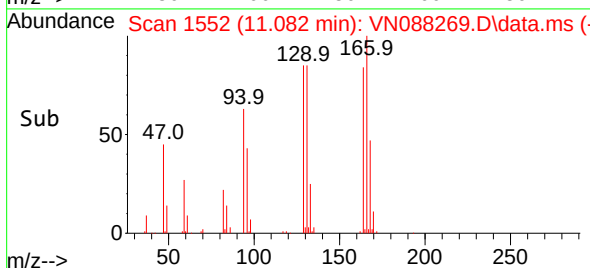
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

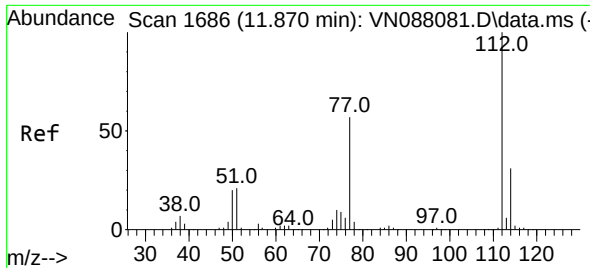


#64
Tetrachloroethene
Concen: 19.704 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32



Tgt Ion:164 Resp: 52899
Ion Ratio Lower Upper
164 100
166 119.0 97.7 146.5
129 100.8 85.9 128.9
131 100.9 83.2 124.8





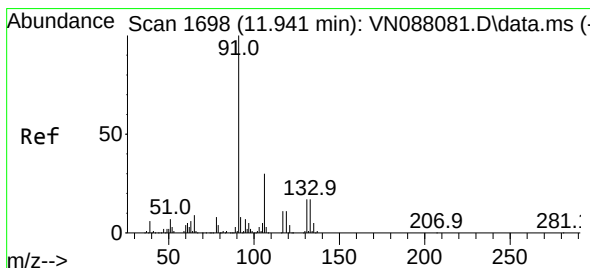
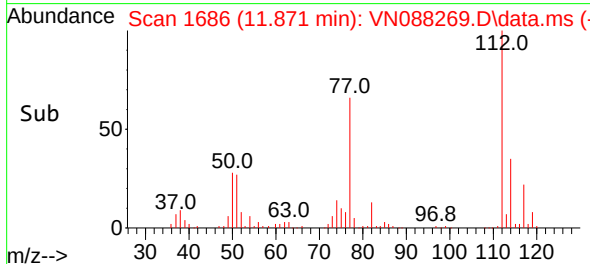
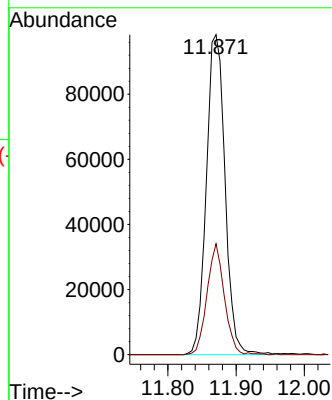
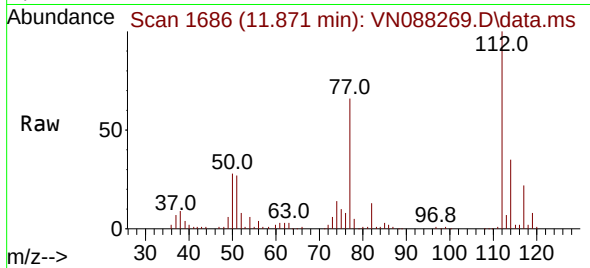
#65
Chlorobenzene
Concen: 20.306 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01

Tgt Ion:112 Resp: 187668
Ion Ratio Lower Upper
112 100
114 34.7 24.3 36.5

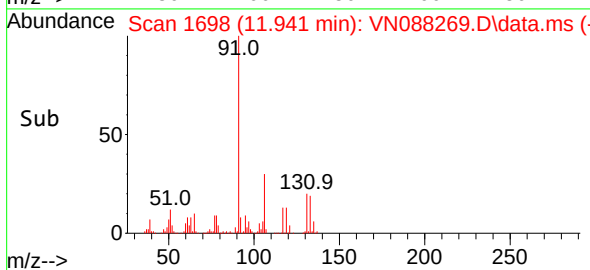
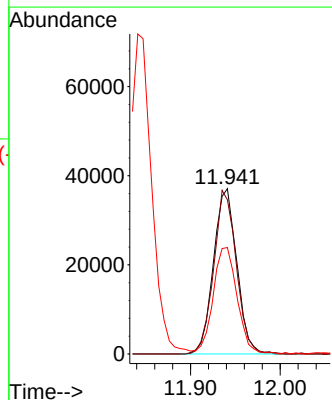
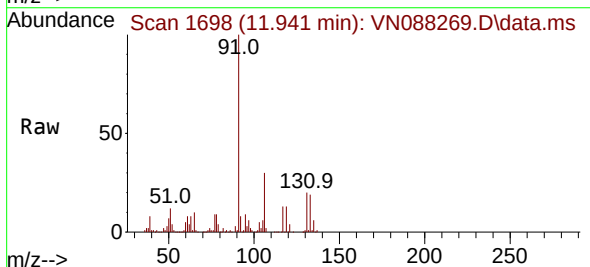
Manual Integrations
APPROVED

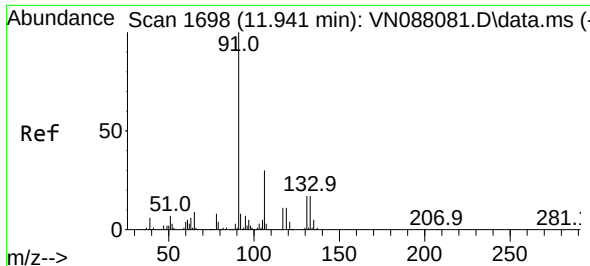
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 22.122 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

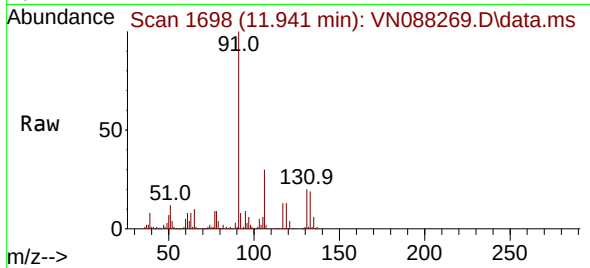
Tgt Ion:131 Resp: 66982
Ion Ratio Lower Upper
131 100
133 96.3 48.0 144.0
119 66.5 32.6 97.7





#67
Ethyl Benzene
Concen: 19.787 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

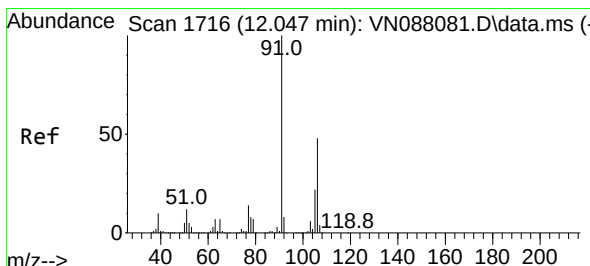
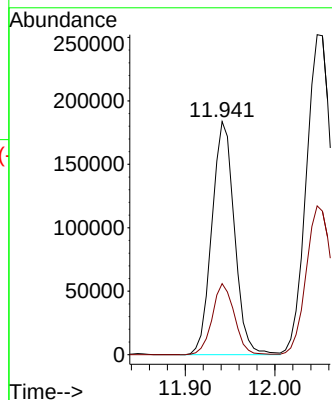
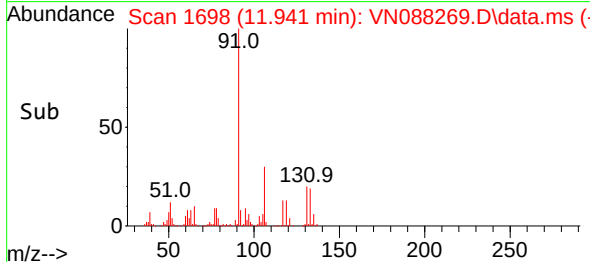
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



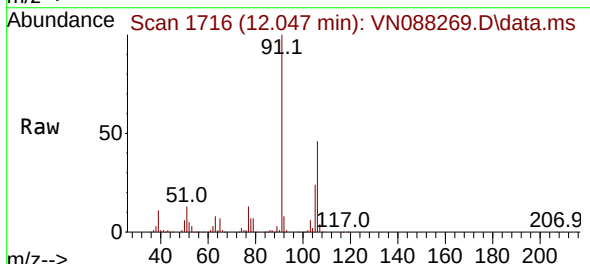
Tgt Ion: 91 Resp: 320999
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1

Manual Integrations
APPROVED

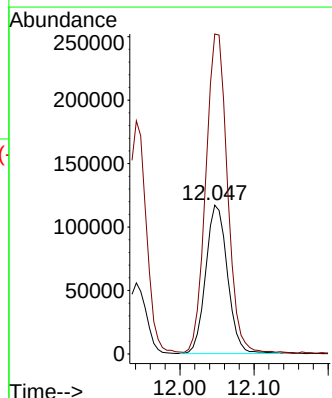
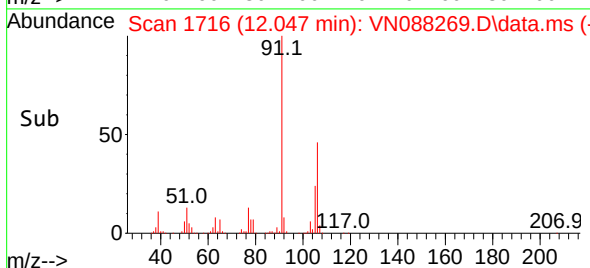
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

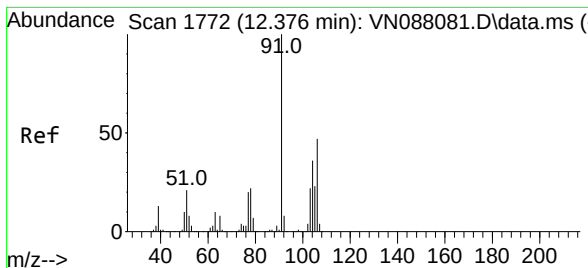


#68
m/p-Xylenes
Concen: 39.187 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32



Tgt Ion:106 Resp: 238194
Ion Ratio Lower Upper
106 100
91 215.4 169.3 253.9





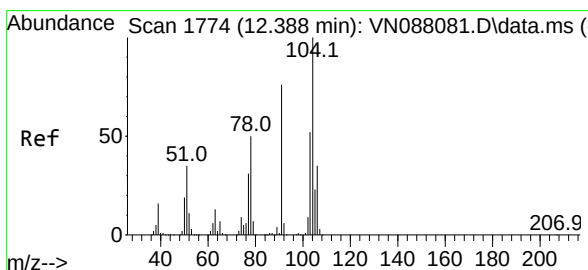
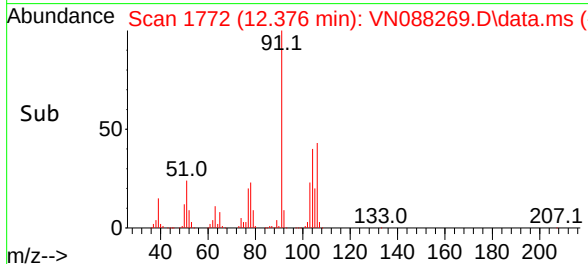
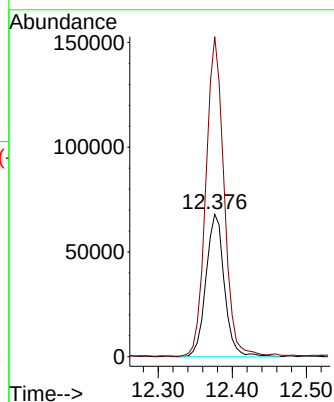
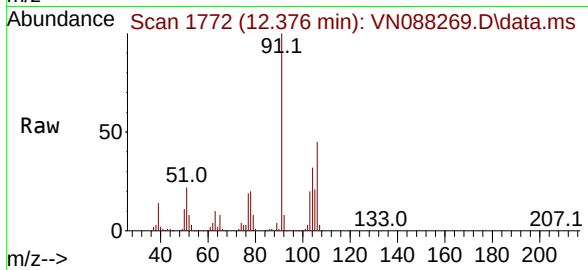
#69
o-Xylene
Concen: 20.332 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01

Tgt Ion:106 Resp: 11715
Ion Ratio Lower Upper
106 100
91 221.3 111.4 334.2

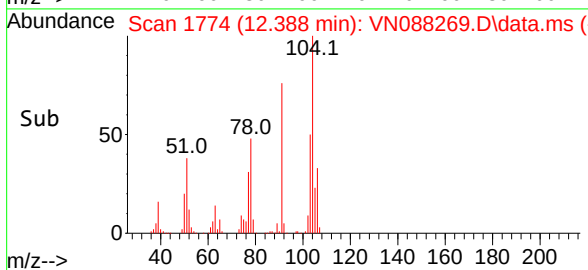
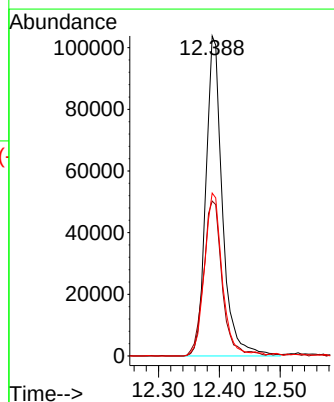
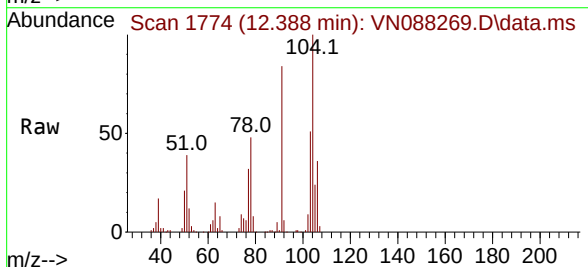
Manual Integrations
APPROVED

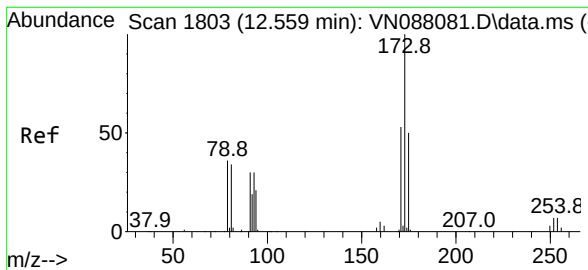
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#70
Styrene
Concen: 20.902 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

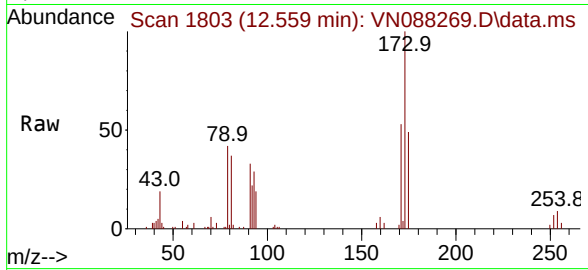
Tgt Ion:104 Resp: 196398
Ion Ratio Lower Upper
104 100
78 54.3 42.2 63.2
103 55.1 43.4 65.2





#71
Bromoform
Concen: 21.691 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

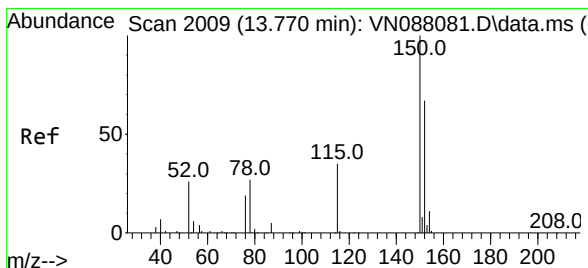
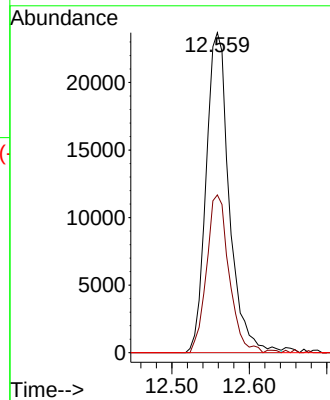
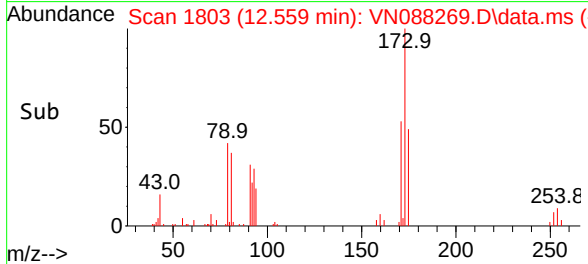
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



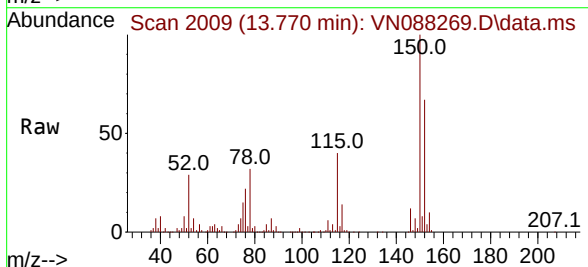
Tgt Ion:173 Resp: 49014
Ion Ratio Lower Upper
173 100
175 48.0 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

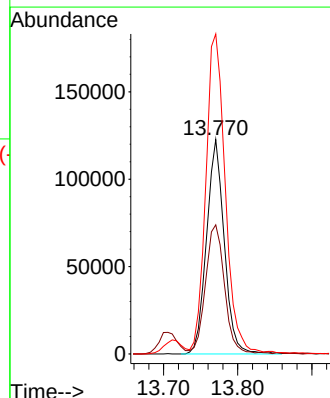
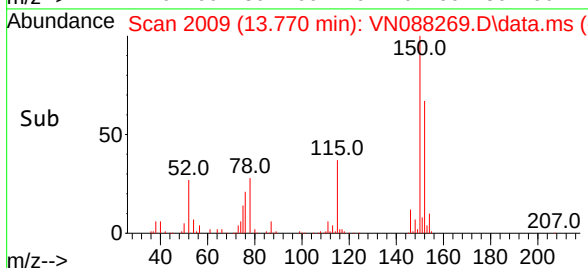
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

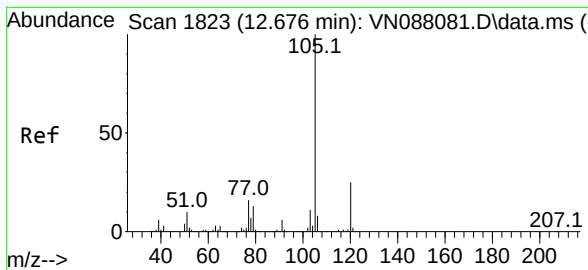


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32



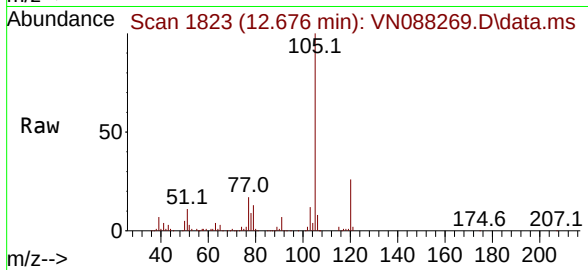
Tgt Ion:152 Resp: 204713
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 163.7 0.0 351.0





#73
Isopropylbenzene
Concen: 19.192 ug/l
RT: 12.676 min Scan# 1801
Delta R.T. 0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

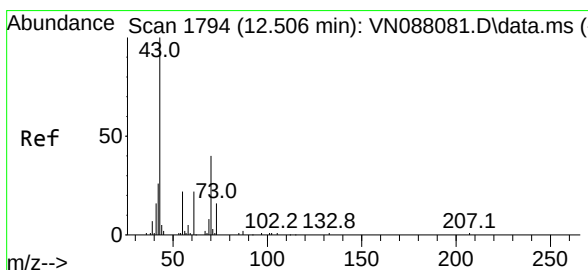
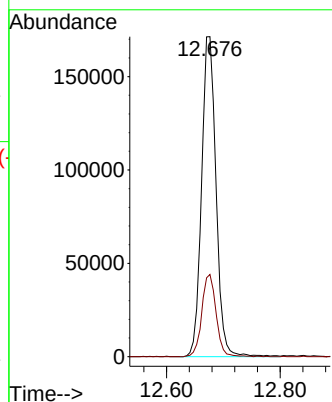
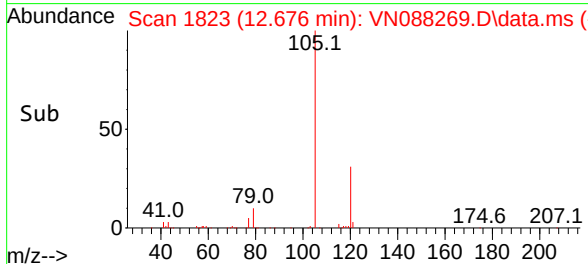
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion:105 Resp: 303025
Ion Ratio Lower Upper
105 100
120 25.4 12.8 38.3

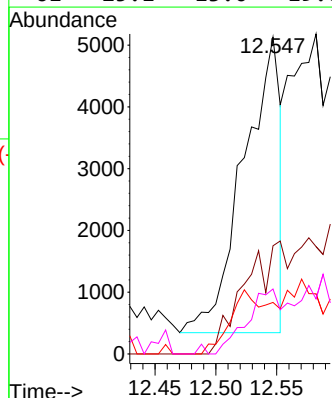
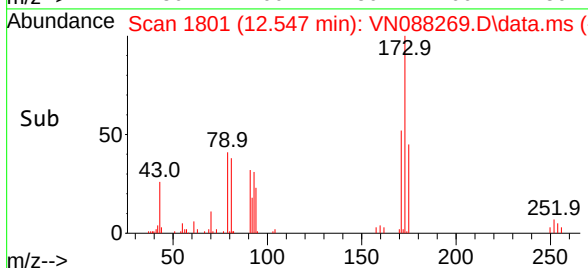
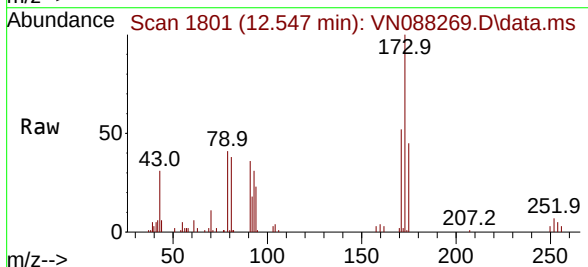
Manual Integrations
APPROVED

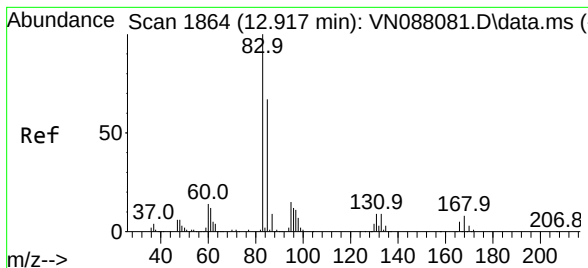
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#74
N-ethyl acetate
Concen: 2.246 ug/l
RT: 12.547 min Scan# 1801
Delta R.T. 0.047 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

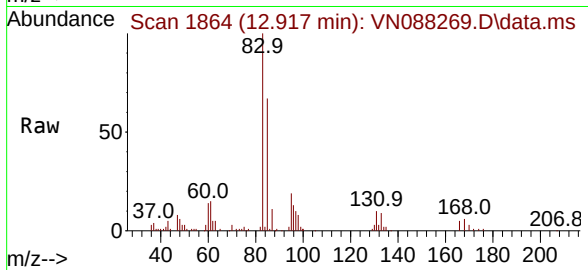
Tgt Ion: 43 Resp: 10067
Ion Ratio Lower Upper
43 100
70 7.0 27.6 41.4#
55 0.0 13.0 19.6#
61 25.1 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 22.776 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

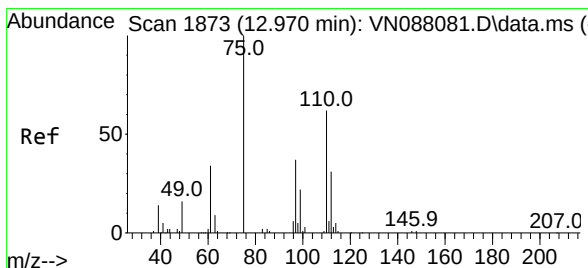
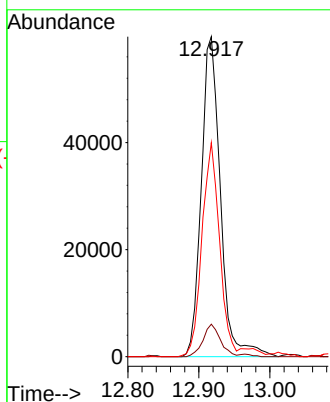
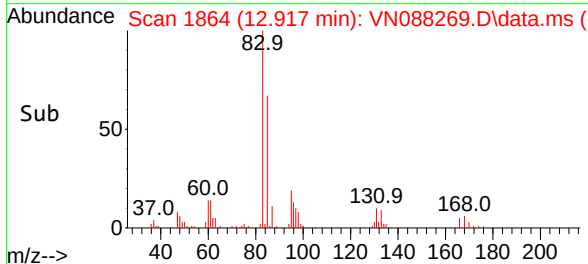
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



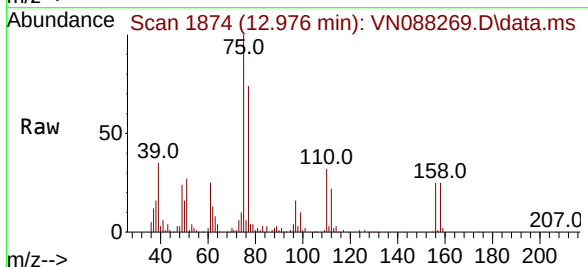
Tgt Ion: 83 Resp: 111958
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.4
85 62.4 32.1 96.3

Manual Integrations
APPROVED

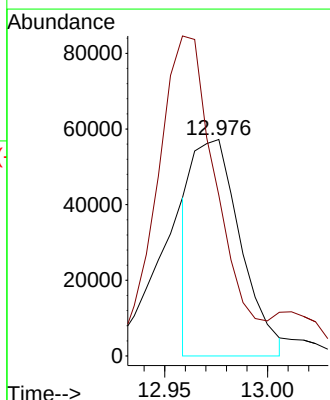
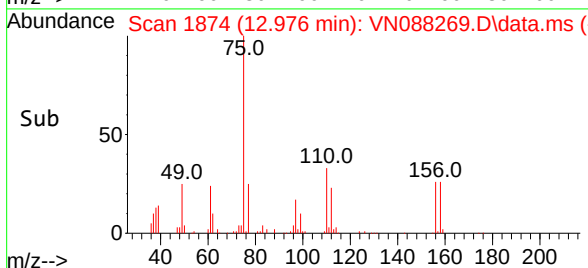
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

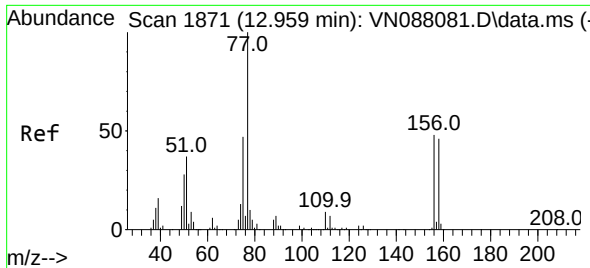


#76
1,2,3-Trichloropropane
Concen: 20.066 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32



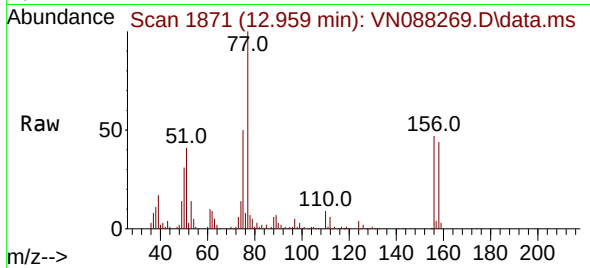
Tgt Ion: 75 Resp: 93916
Ion Ratio Lower Upper
75 100
77 185.9 89.1 267.4





#77
Bromobenzene
Concen: 20.509 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

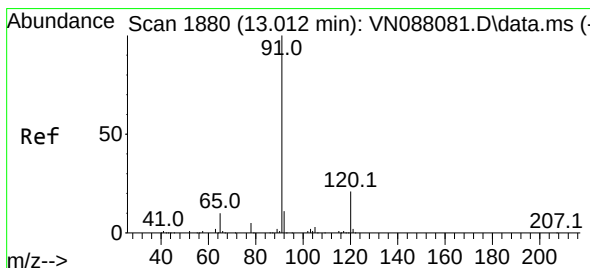
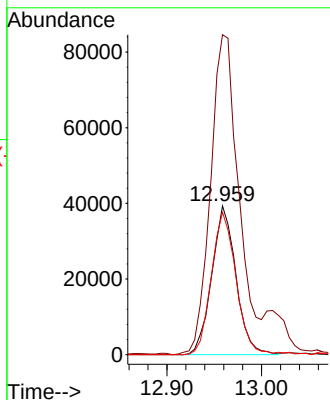
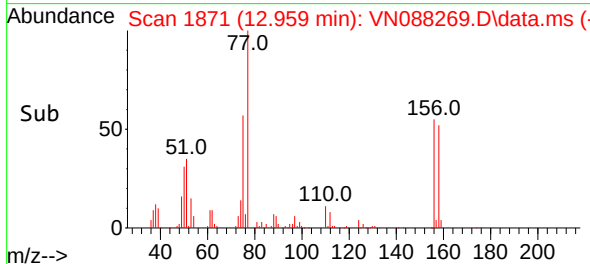
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



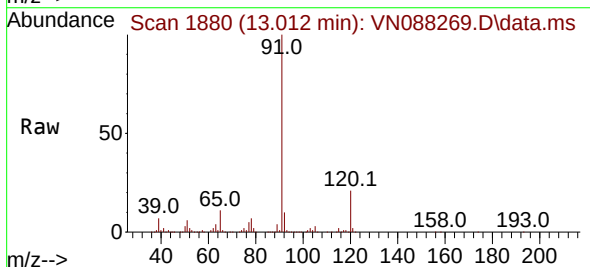
Tgt Ion:156 Resp: 6982
Ion Ratio Lower Upper
156 100
77 250.1 119.3 358.0
158 98.5 48.2 144.6

Manual Integrations
APPROVED

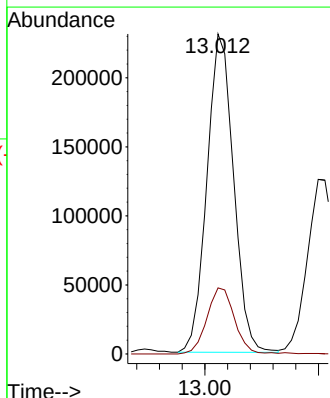
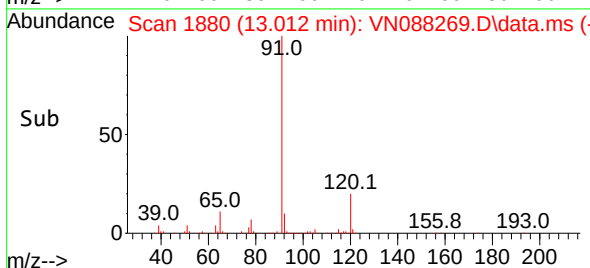
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

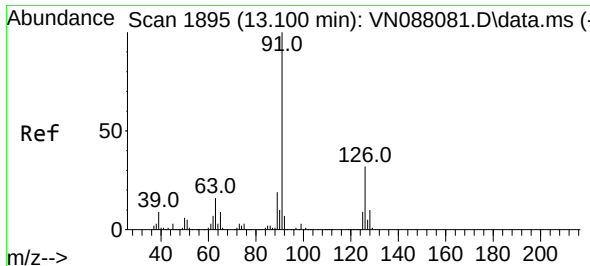


#78
n-propylbenzene
Concen: 19.500 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32



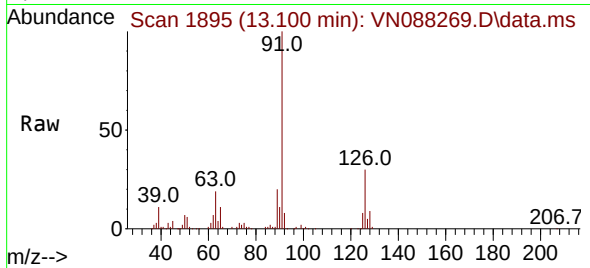
Tgt Ion: 91 Resp: 375733
Ion Ratio Lower Upper
91 100
120 21.7 10.7 32.1





#79
2-Chlorotoluene
Concen: 20.549 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

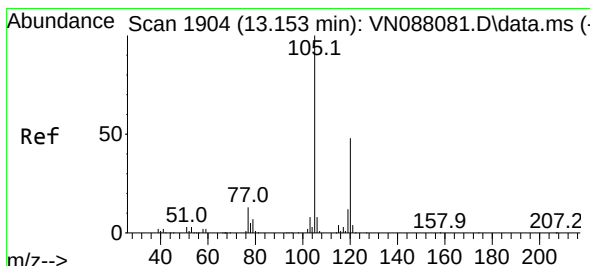
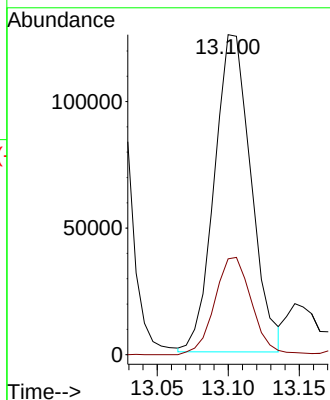
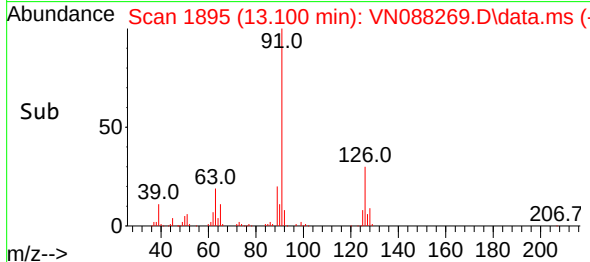
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



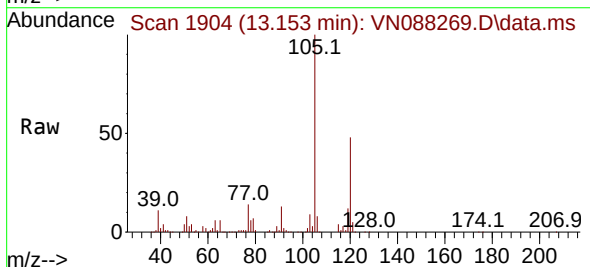
Tgt Ion: 91 Resp: 225792
Ion Ratio Lower Upper
91 100
126 30.9 16.1 48.3

Manual Integrations
APPROVED

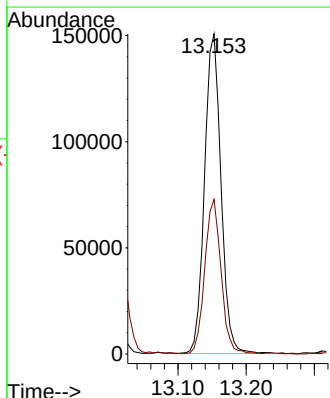
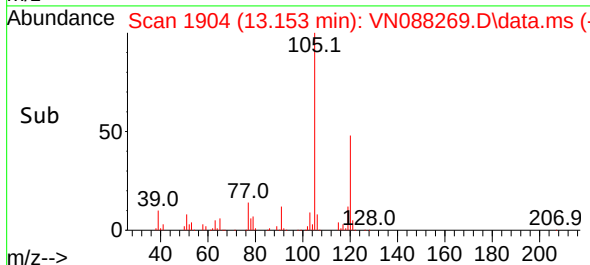
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

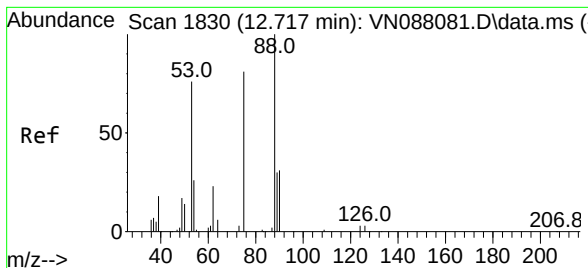


#80
1,3,5-Trimethylbenzene
Concen: 19.303 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32



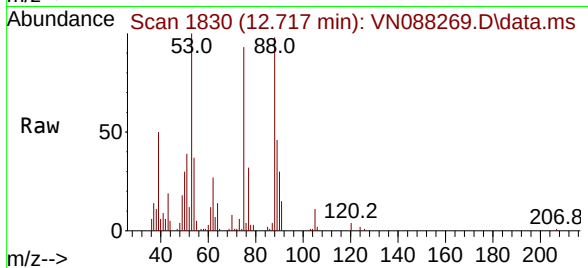
Tgt Ion:105 Resp: 253116
Ion Ratio Lower Upper
105 100
120 47.7 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.721 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

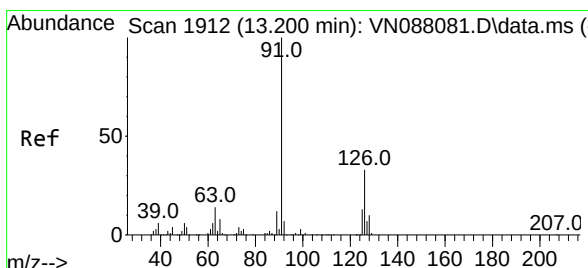
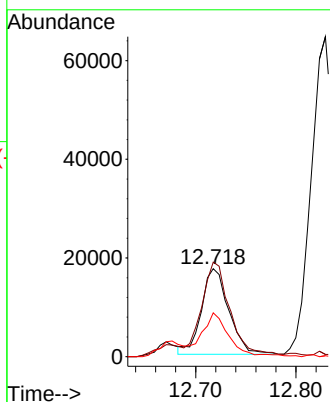
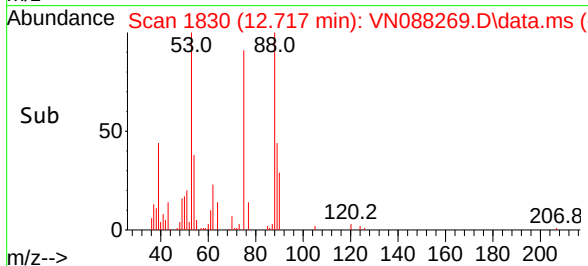
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



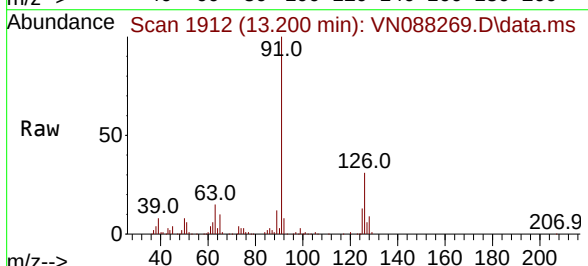
Tgt Ion: 75 Resp: 33088
Ion Ratio Lower Upper
75 100
53 115.1 101.8 152.6
89 51.6 35.6 53.4

Manual Integrations
APPROVED

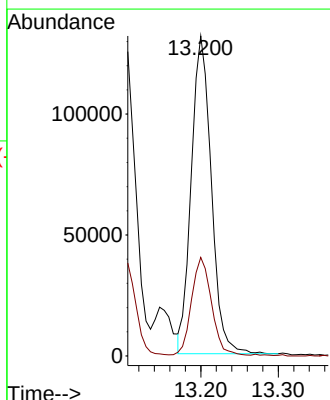
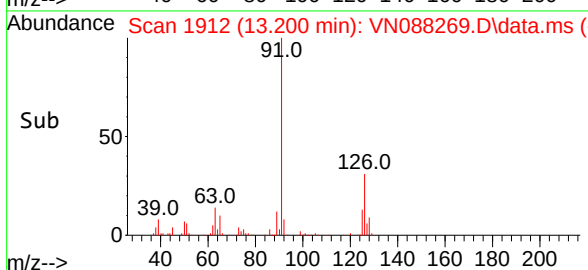
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

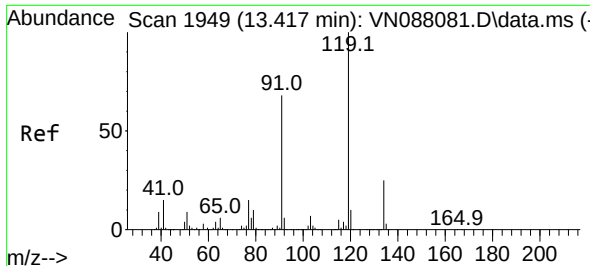


#82
4-Chlorotoluene
Concen: 19.816 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32



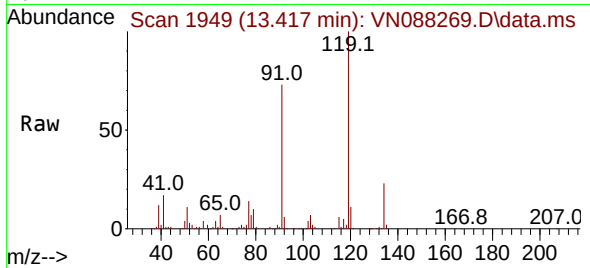
Tgt Ion: 91 Resp: 235581
Ion Ratio Lower Upper
91 100
126 30.5 15.6 46.8





#83
tert-Butylbenzene
Concen: 18.486 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

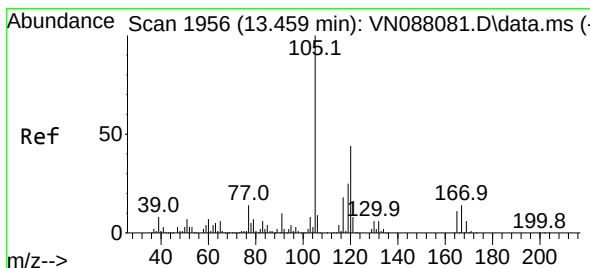
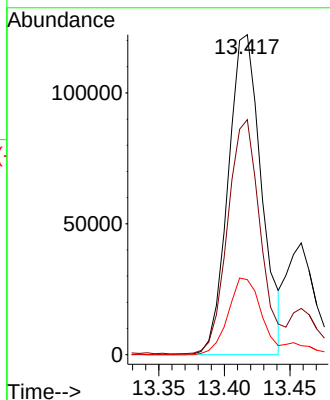
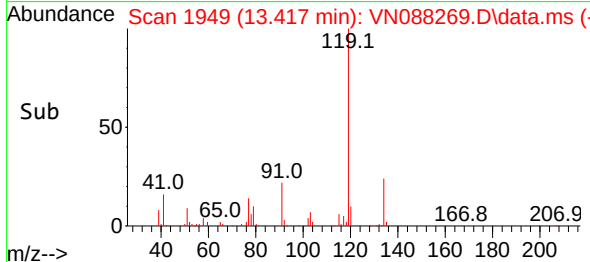
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



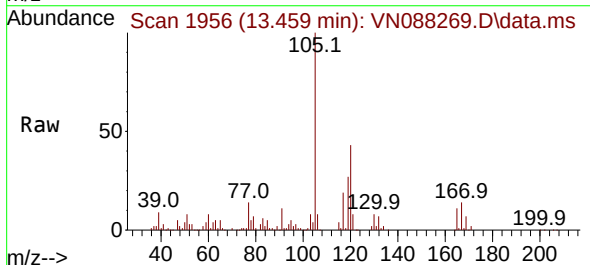
Tgt Ion:119 Resp: 21653
Ion Ratio Lower Upper
119 100
91 72.7 35.0 105.0
134 24.2 12.6 37.8

Manual Integrations
APPROVED

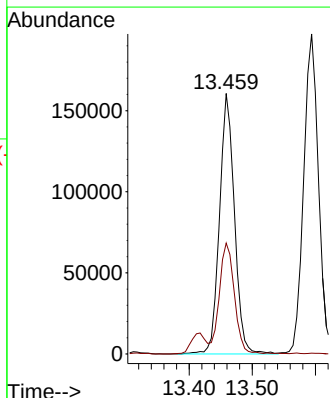
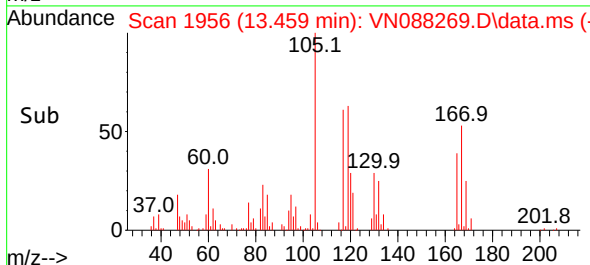
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

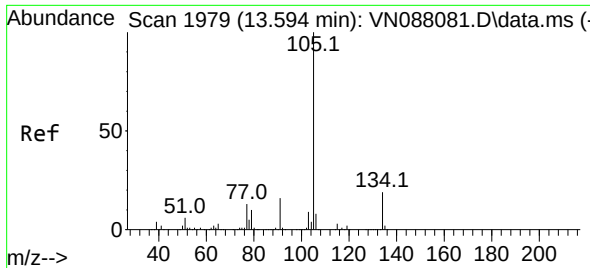


#84
1,2,4-Trimethylbenzene
Concen: 20.158 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32



Tgt Ion:105 Resp: 264463
Ion Ratio Lower Upper
105 100
120 42.8 22.0 66.0





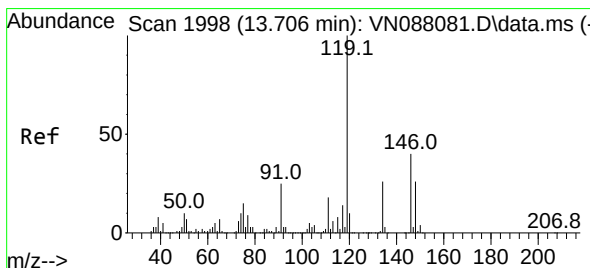
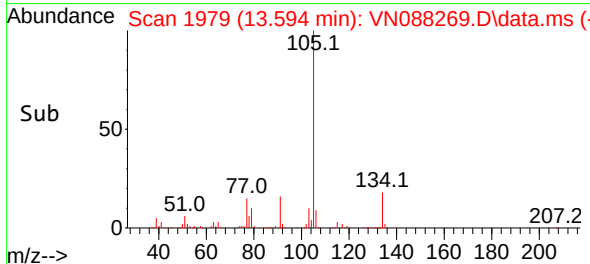
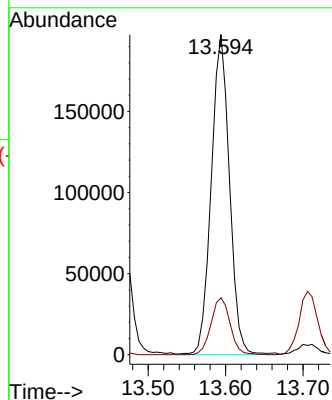
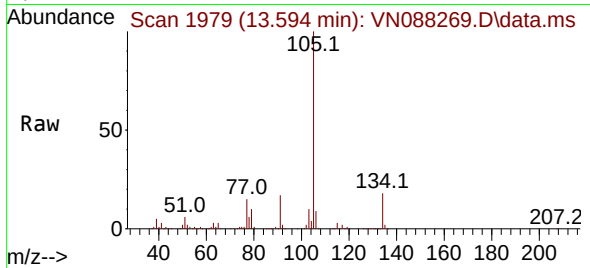
#85
 sec-Butylbenzene
 Concen: 18.671 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088269.D
 Acq: 12 Nov 2025 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBSD01

Tgt Ion:105 Resp: 321332
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.6 28.6

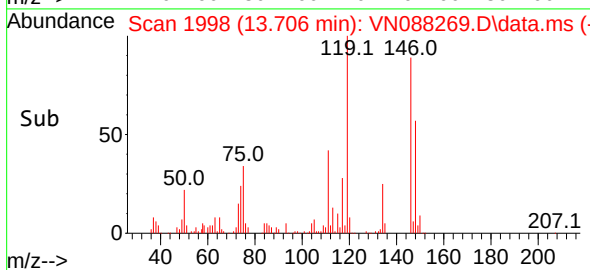
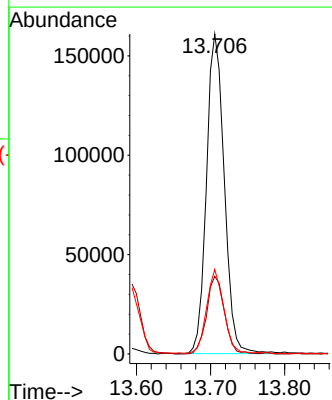
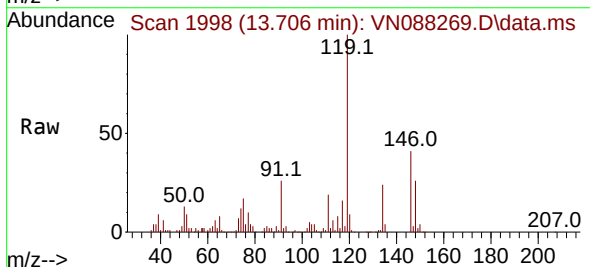
Manual Integrations
 APPROVED

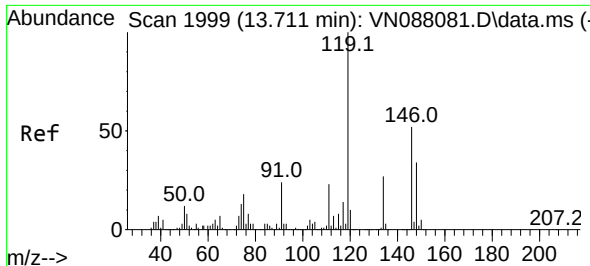
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#86
 p-Isopropyltoluene
 Concen: 19.458 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088269.D
 Acq: 12 Nov 2025 12:32

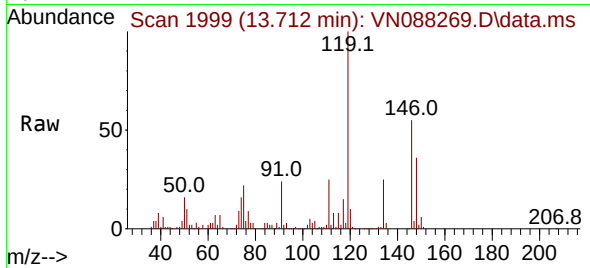
Tgt Ion:119 Resp: 268636
 Ion Ratio Lower Upper
 119 100
 134 24.4 12.7 38.0
 91 24.9 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 20.663 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

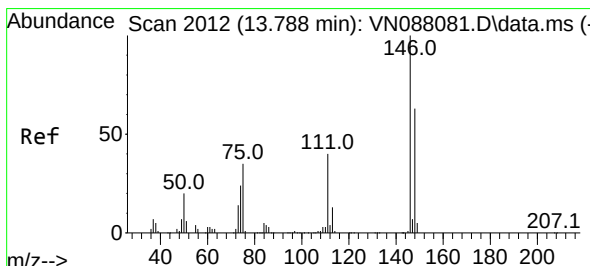
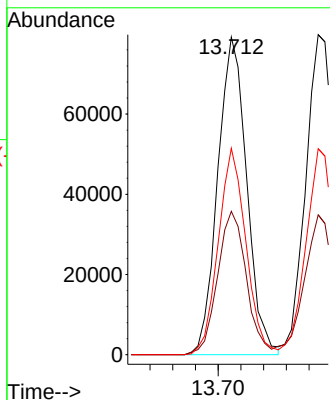
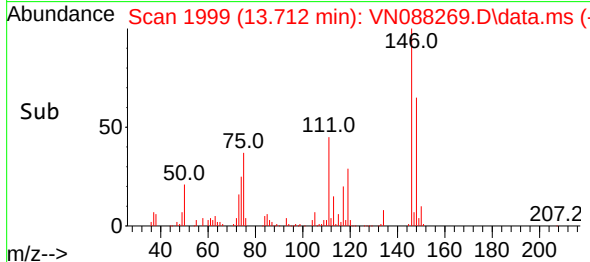
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



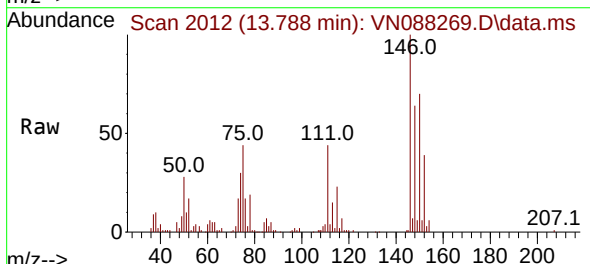
Tgt Ion:146 Resp: 140440
Ion Ratio Lower Upper
146 100
111 44.7 22.1 66.5
148 62.0 32.0 96.2

Manual Integrations
APPROVED

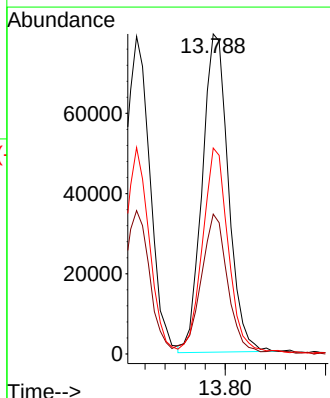
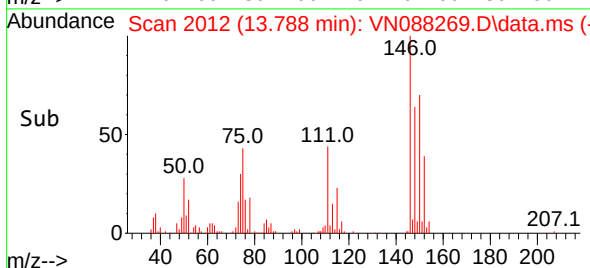
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025

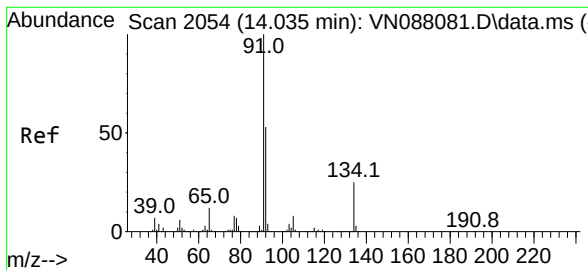


#88
1,4-Dichlorobenzene
Concen: 19.679 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32



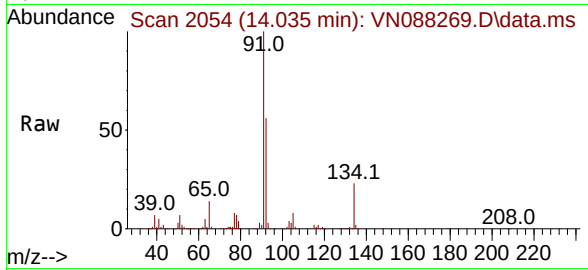
Tgt Ion:146 Resp: 143659
Ion Ratio Lower Upper
146 100
111 43.3 21.0 63.0
148 63.7 32.0 96.0





#89
n-Butylbenzene
Concen: 18.787 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

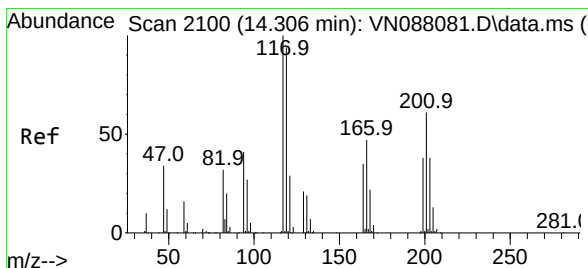
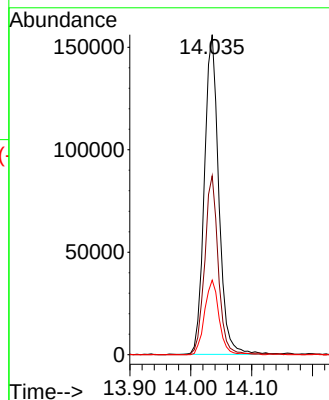
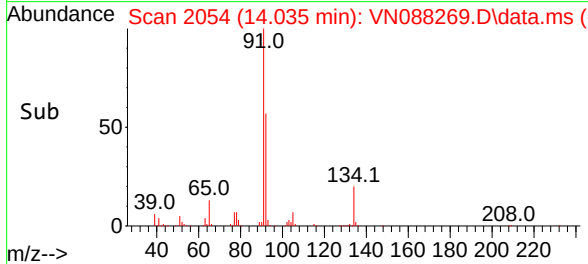
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion: 91 Resp: 256915
Ion Ratio Lower Upper
91 100
92 52.5 25.9 77.8
134 23.5 11.7 35.0

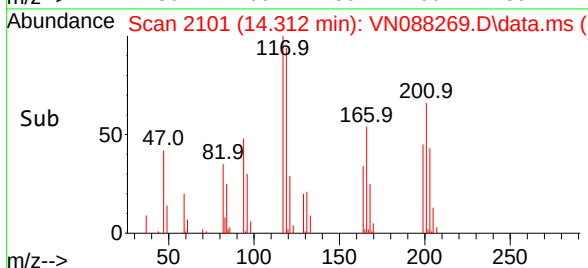
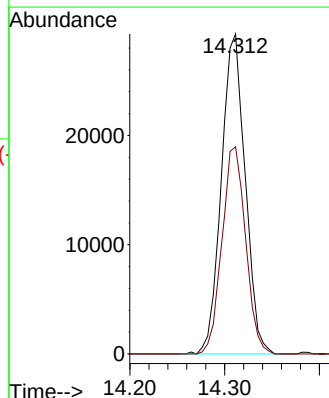
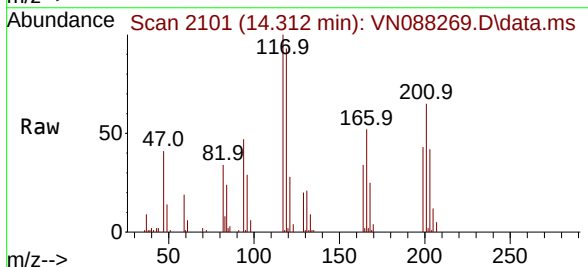
Manual Integrations
APPROVED

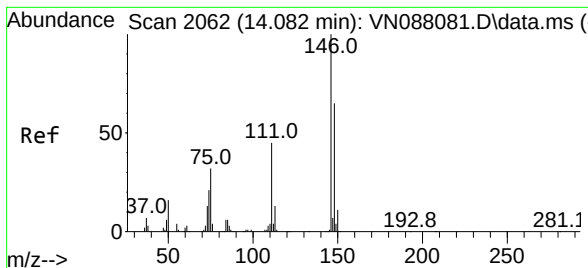
Reviewed By :John Carlone 11/14/2025
Supervised By :Semsettin Yesilyurt 11/14/2025



#90
Hexachloroethane
Concen: 19.136 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

Tgt Ion:117 Resp: 51160
Ion Ratio Lower Upper
117 100
201 64.2 29.1 87.4





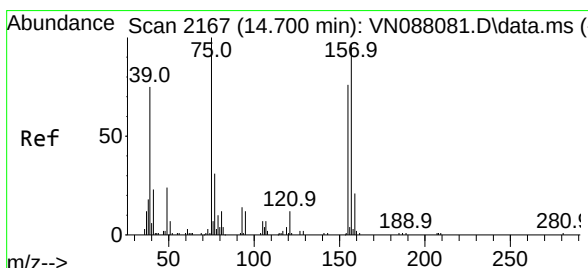
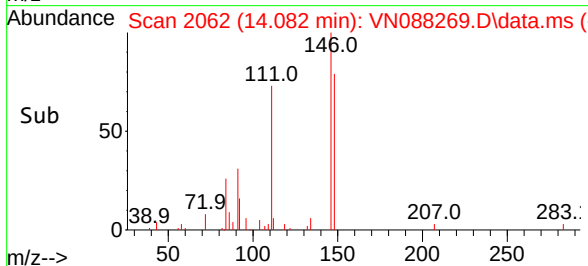
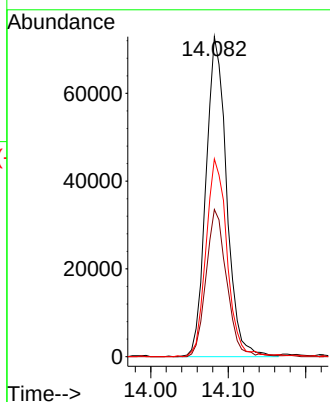
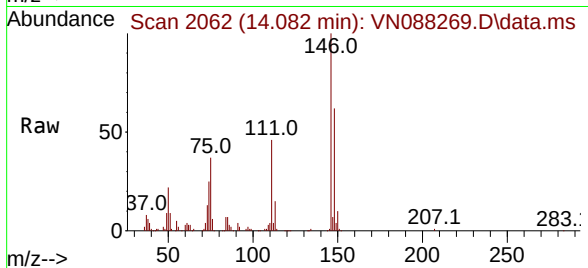
#91
 1,2-Dichlorobenzene
 Concen: 20.623 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088269.D
 Acq: 12 Nov 2025 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112MBSD01

Tgt Ion:146 Resp: 135117
 Ion Ratio Lower Upper
 146 100
 111 45.9 22.6 67.8
 148 63.3 31.9 95.9

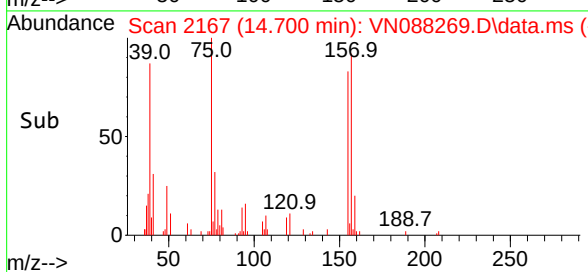
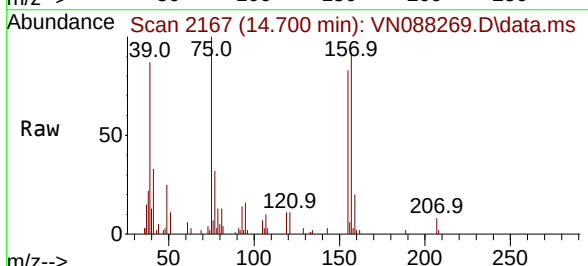
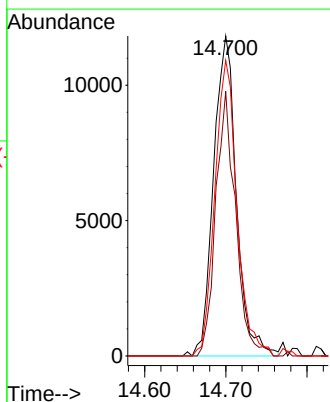
Manual Integrations
 APPROVED

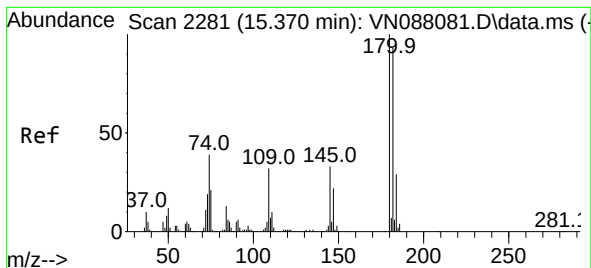
Reviewed By :John Carlone 11/14/2025
 Supervised By :Semsettin Yesilyurt 11/14/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.235 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VN088269.D
 Acq: 12 Nov 2025 12:32

Tgt Ion: 75 Resp: 23151
 Ion Ratio Lower Upper
 75 100
 155 72.1 36.6 109.9
 157 89.5 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 19.265 ug/l

RT: 15.370 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088269.D

Acq: 12 Nov 2025 12:32

Instrument :

MSVOA_N

ClientSampleId :

VN1112MBS01

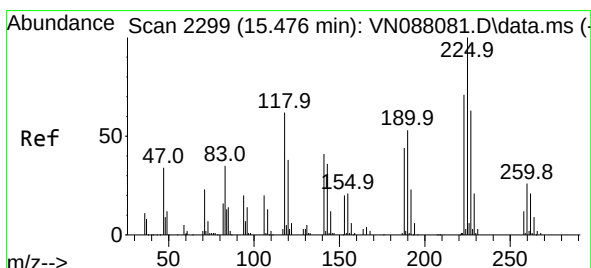
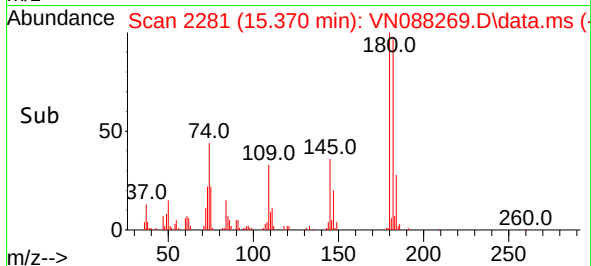
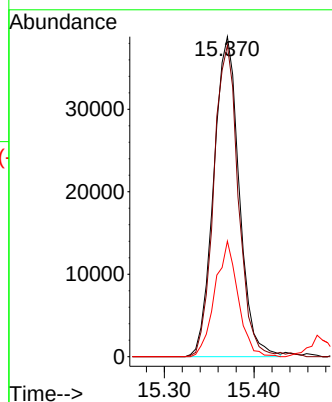
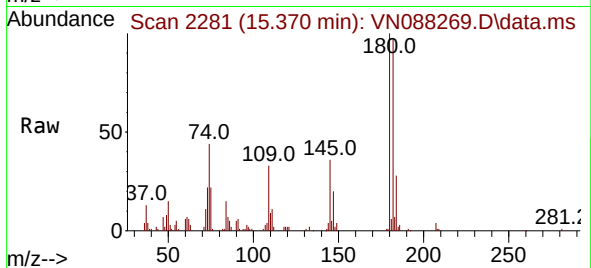
Tgt Ion:180	Resp:	7644
Ion Ratio	Lower	Upper
180	100	
182	93.6	47.6 142.9
145	32.8	16.5 49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2025

Supervised By :Semsettin Yesilyurt 11/14/2025



#94

Hexachlorobutadiene

Concen: 20.592 ug/l

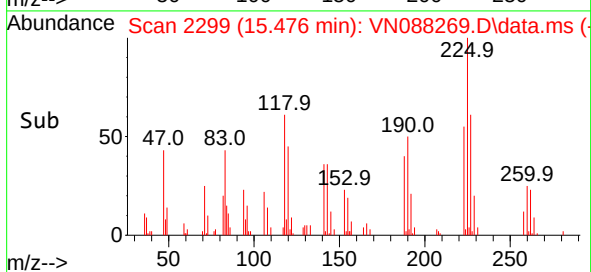
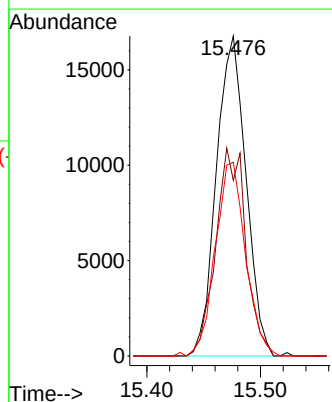
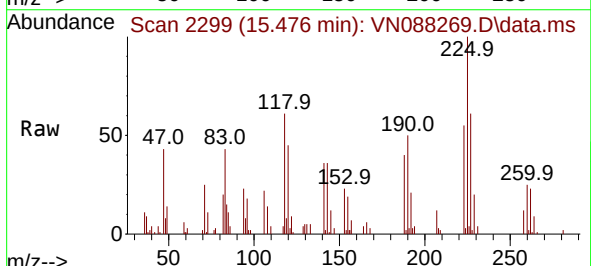
RT: 15.476 min Scan# 2299

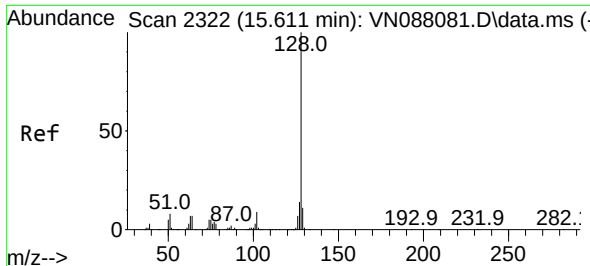
Delta R.T. -0.000 min

Lab File: VN088269.D

Acq: 12 Nov 2025 12:32

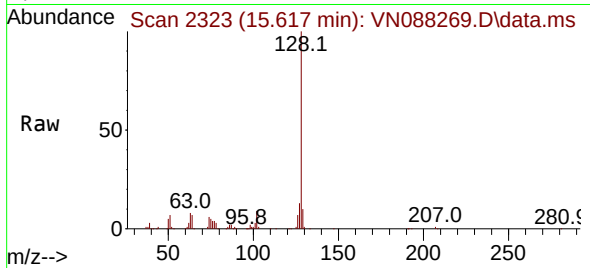
Tgt Ion:225	Resp:	30427
Ion Ratio	Lower	Upper
225	100	
223	65.4	32.0 96.2
227	61.9	32.1 96.5





#95
Naphthalene
Concen: 19.032 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

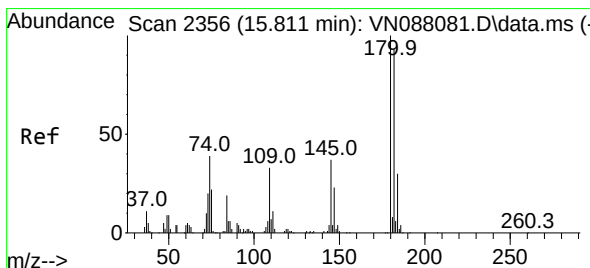
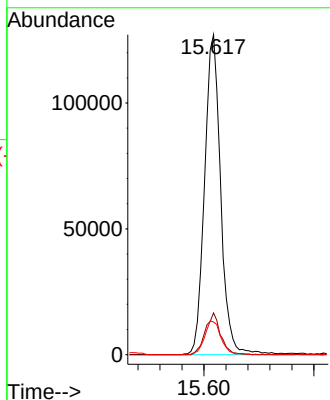
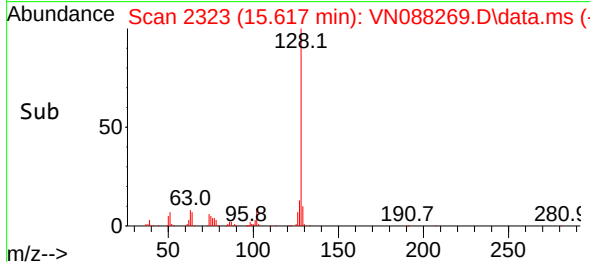
Instrument :
MSVOA_N
ClientSampleId :
VN1112MBSD01



Tgt Ion:128 Resp: 258704
Ion Ratio Lower Upper
128 100
127 12.4 10.6 15.8
129 10.8 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.095 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN088269.D
Acq: 12 Nov 2025 12:32

Tgt Ion:180 Resp: 72647
Ion Ratio Lower Upper
180 100
182 95.4 46.8 140.3
145 36.1 17.3 52.0

