

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087021.D
 Acq On : 16 Jun 2025 11:39
 Operator : JC\MD
 Sample : VN0616WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/17/2025
 Supervised By : Semsettin Yesilyurt 06/17/2025

Quant Time: Jun 17 07:19:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	177237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	320394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	110103	46.398	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.800%		
35) Dibromofluoromethane	8.177	113	94055	49.536	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.080%		
50) Toluene-d8	10.565	98	346217	46.060	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.120%		
62) 4-Bromofluorobenzene	12.847	95	131353	47.036	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	33312	18.851	ug/l	99
3) Chloromethane	2.401	50	34696	15.204	ug/l	98
4) Vinyl Chloride	2.553	62	45026	19.128	ug/l	99
5) Bromomethane	3.000	94	19662	14.926	ug/l	93
6) Chloroethane	3.159	64	29109	19.144	ug/l	99
7) Trichlorofluoromethane	3.530	101	57618	18.734	ug/l	99
8) Diethyl Ether	3.989	74	26022	19.419	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.406	101	35549	18.397	ug/l	99
10) Methyl Iodide	4.618	142	17200	6.867	ug/l #	98
11) Tert butyl alcohol	5.536	59	55423	86.075	ug/l	98
12) 1,1-Dichloroethene	4.371	96	38093	19.310	ug/l	94
13) Acrolein	4.206	56	25235	123.814	ug/l	99
14) Allyl chloride	5.047	41	54880	16.775	ug/l	96
15) Acrylonitrile	5.736	53	137492	91.356	ug/l	99
16) Acetone	4.447	43	103011	81.857	ug/l	100
17) Carbon Disulfide	4.742	76	111825	20.493	ug/l	99
18) Methyl Acetate	5.047	43	55241	15.063	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	134801	18.873	ug/l	99
20) Methylene Chloride	5.300	84	43384	18.414	ug/l	95
21) trans-1,2-Dichloroethene	5.812	96	41034	18.696	ug/l	93
22) Diisopropyl ether	6.688	45	124448	18.046	ug/l	97
23) Vinyl Acetate	6.618	43	550800	94.532	ug/l	95
24) 1,1-Dichloroethane	6.583	63	72447	18.255	ug/l	98
25) 2-Butanone	7.494	43	175270	85.684	ug/l	99
26) 2,2-Dichloropropane	7.506	77	60360	19.552	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	49517	18.865	ug/l	97
28) Bromochloromethane	7.818	49	34848	17.859	ug/l	94
29) Tetrahydrofuran	7.853	42	114857	86.195	ug/l	96
30) Chloroform	7.977	83	72920	18.399	ug/l	98
31) Cyclohexane	8.265	56	66220	17.205	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	60753	18.023	ug/l	97
36) 1,1-Dichloropropene	8.377	75	51901	18.344	ug/l	99
37) Ethyl Acetate	7.571	43	63764	17.704	ug/l	98
38) Carbon Tetrachloride	8.371	117	51585	18.571	ug/l	95
39) Methylcyclohexane	9.600	83	63793	16.457	ug/l	94
40) Benzene	8.612	78	174070	18.815	ug/l	99

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Quant Time: Jun 17 07:19:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	33852	16.736	ug/l	91
42) 1,2-Dichloroethane	8.677	62	52718	18.786	ug/l	99
43) Isopropyl Acetate	8.694	43	102787	17.781	ug/l	97
44) Trichloroethene	9.359	130	41946	19.120	ug/l	96
45) 1,2-Dichloropropane	9.624	63	42690	18.966	ug/l	99
46) Dibromomethane	9.712	93	29554	19.768	ug/l	97
47) Bromodichloromethane	9.894	83	58189	18.917	ug/l	96
48) Methyl methacrylate	9.682	41	45393	17.061	ug/l	94
49) 1,4-Dioxane	9.700	88	18412	380.385	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	314904	90.488	ug/l	99
52) Toluene	10.629	92	105746	18.703	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	66776	19.414	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	70611	19.186	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	41570	19.108	ug/l	98
56) Ethyl methacrylate	10.882	69	64647	18.656	ug/l	95
57) 1,3-Dichloropropane	11.165	76	72599	19.236	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	180185	87.180	ug/l	99
59) 2-Hexanone	11.206	43	178349	79.562	ug/l	90
60) Dibromochloromethane	11.359	129	45699	20.161	ug/l	99
61) 1,2-Dibromoethane	11.471	107	43604	19.554	ug/l	99
64) Tetrachloroethene	11.100	164	33088	18.670	ug/l	94
65) Chlorobenzene	11.894	112	119130	19.288	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	37934	19.107	ug/l	98
67) Ethyl Benzene	11.965	91	194748	18.306	ug/l	99
68) m/p-Xylenes	12.070	106	152809	37.522	ug/l	98
69) o-Xylene	12.394	106	73276	18.787	ug/l	97
70) Styrene	12.412	104	126291	18.922	ug/l	99
71) Bromoform	12.576	173	29547	20.085	ug/l #	99
73) Isopropylbenzene	12.694	105	180811	17.600	ug/l	100
74) N-amyl acetate	12.541	43	72559m	20.212	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	66997	19.250	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	57364m	17.113	ug/l	
77) Bromobenzene	12.982	156	45399	19.269	ug/l	96
78) n-propylbenzene	13.035	91	213812	17.126	ug/l	99
79) 2-Chlorotoluene	13.123	91	134312	17.939	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	148869	17.552	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	23971m	16.462	ug/l	
82) 4-Chlorotoluene	13.217	91	137837	18.194	ug/l	100
83) tert-Butylbenzene	13.435	119	125214	16.127	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	147988	17.400	ug/l	99
85) sec-Butylbenzene	13.612	105	181308	16.080	ug/l	99
86) p-Isopropyltoluene	13.729	119	153026	16.419	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	87103	18.791	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	88993	18.831	ug/l	99
89) n-Butylbenzene	14.053	91	139239	15.423	ug/l	99
90) Hexachloroethane	14.329	117	26411	16.717	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	81623	18.328	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14627	17.573	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	47692	16.771	ug/l	98
94) Hexachlorobutadiene	15.494	225	14580	13.761	ug/l	99
95) Naphthalene	15.635	128	184994	17.477	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	45386	16.063	ug/l	99

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MSVOA_N
ClientSampleId :
VN0616WBSD01

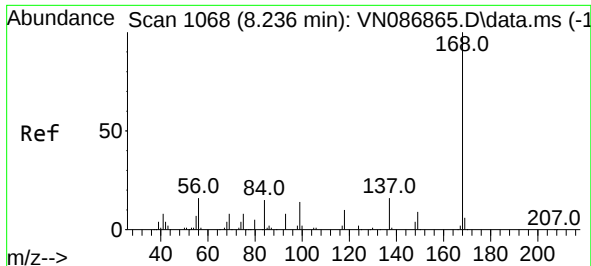
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 06/17/2025

Quant Time: Jun 17 07:19:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

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



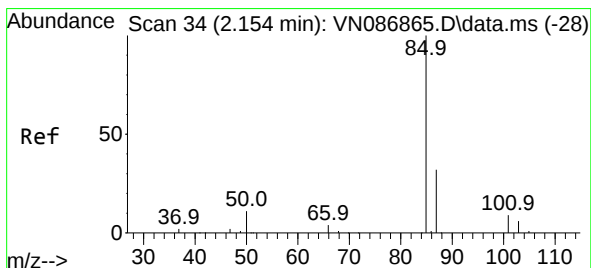
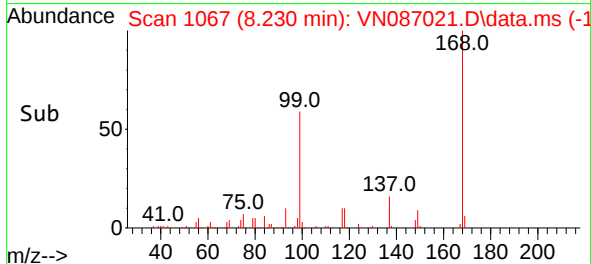
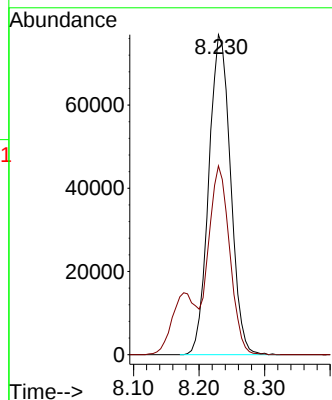
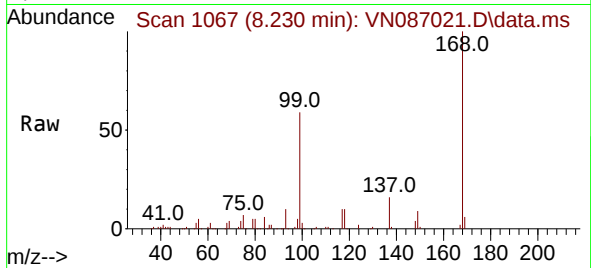
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087021.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion:168 Resp: 17723
Ion Ratio Lower Upper
168 100
99 59.0 49.1 73.7

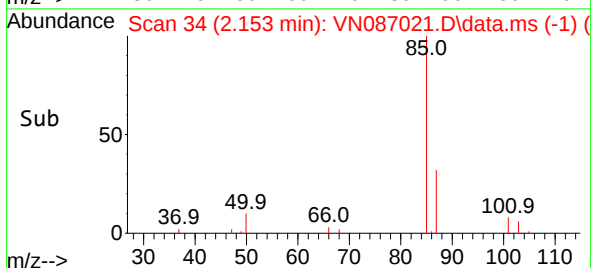
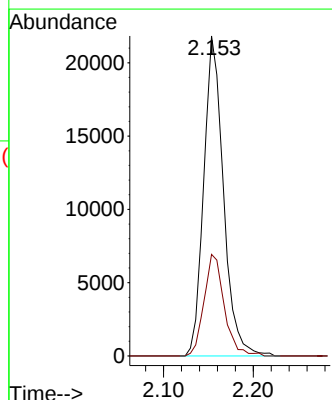
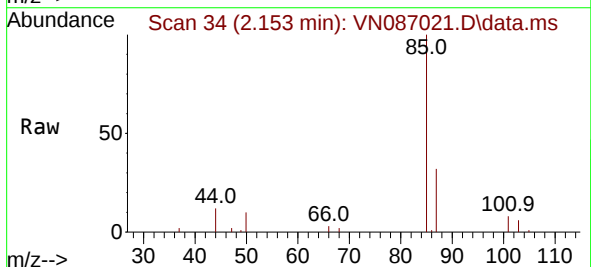
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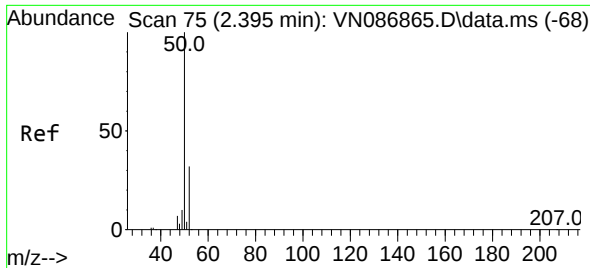
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#2
Dichlorodifluoromethane
Concen: 18.851 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

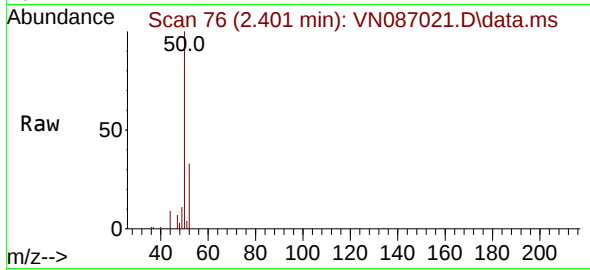
Tgt Ion: 85 Resp: 33312
Ion Ratio Lower Upper
85 100
87 31.7 16.2 48.6





#3
Chloromethane
Concen: 15.204 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

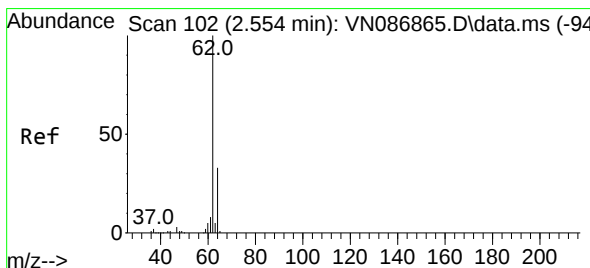
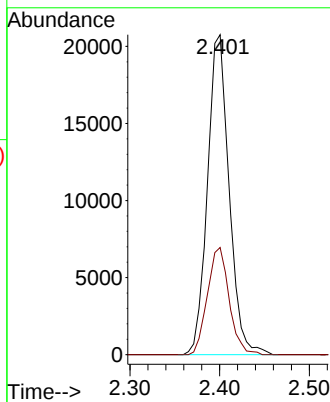
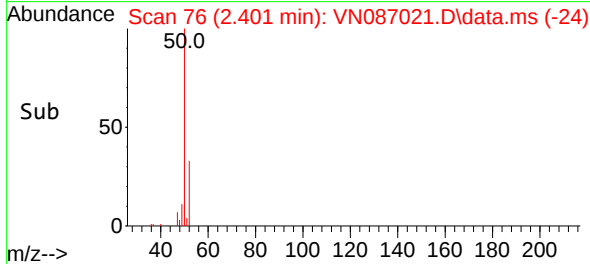
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 50 Resp: 34690
Ion Ratio Lower Upper
50 100
52 33.5 25.7 38.5

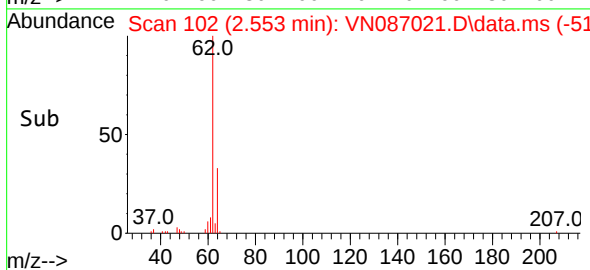
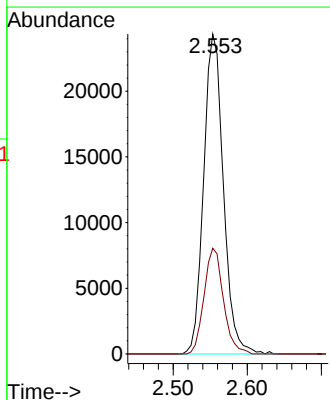
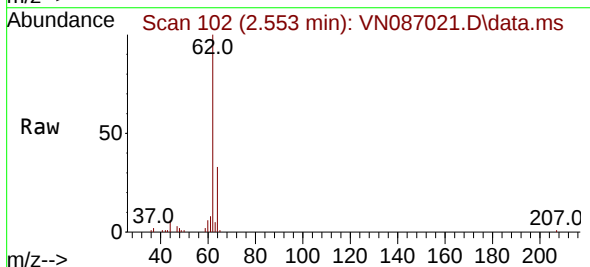
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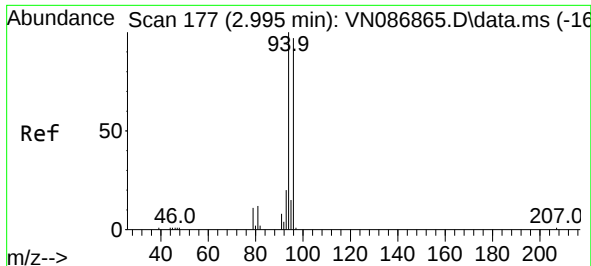
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#4
Vinyl Chloride
Concen: 19.128 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

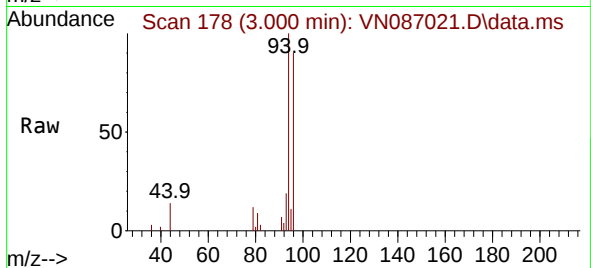
Tgt Ion: 62 Resp: 45026
Ion Ratio Lower Upper
62 100
64 33.0 26.0 39.0





#5
Bromomethane
Concen: 14.926 ug/l
RT: 3.000 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

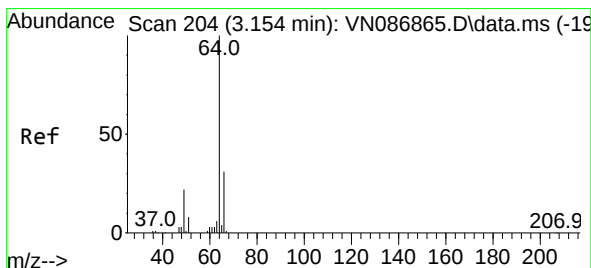
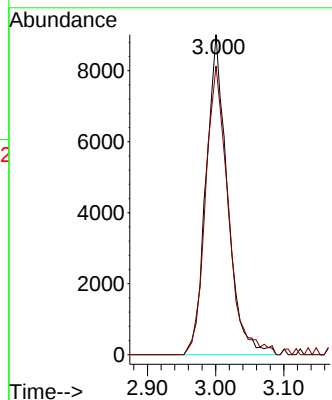
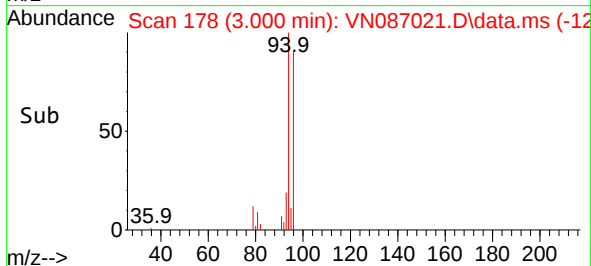
Instrument :
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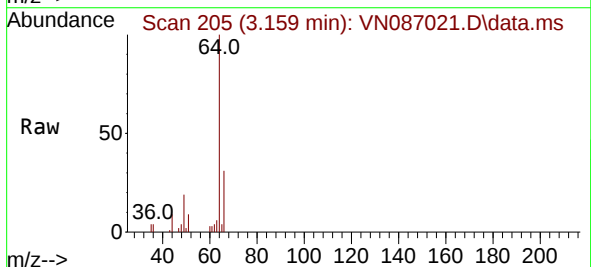
Tgt Ion: 94 Resp: 1966
Ion Ratio Lower Upper
94 100
96 90.2 77.9 116.9

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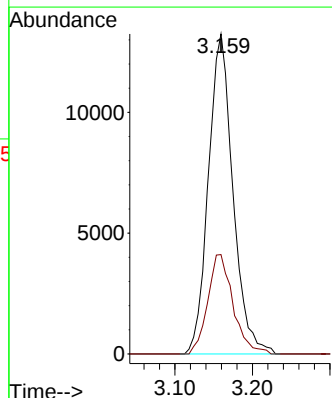
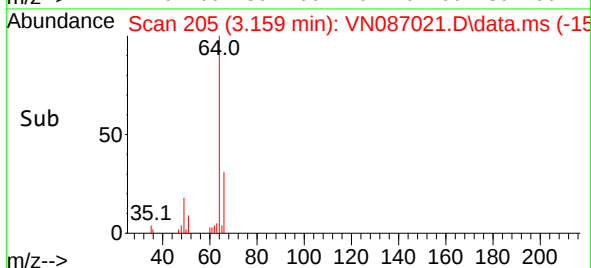
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#6
Chloroethane
Concen: 19.144 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39



Tgt Ion: 64 Resp: 29109
Ion Ratio Lower Upper
64 100
66 31.0 24.6 36.8





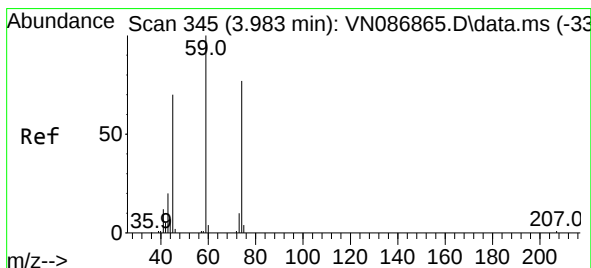
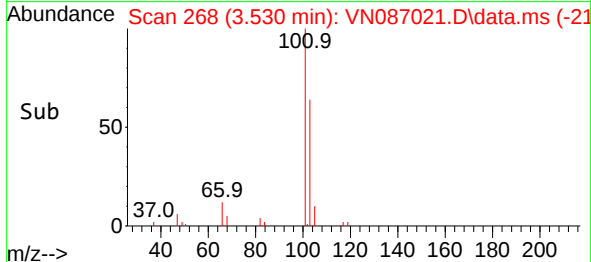
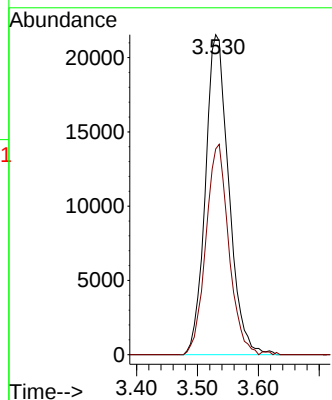
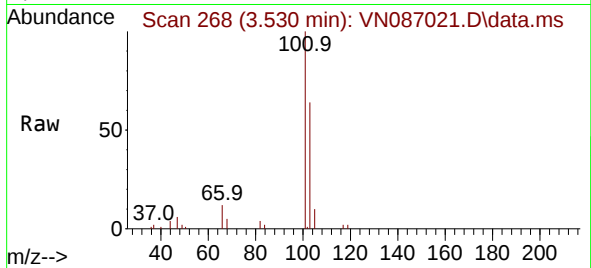
#7
Trichlorofluoromethane
Concen: 18.734 ug/l
RT: 3.530 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion:101 Resp: 57618
Ion Ratio Lower Upper
101 100
103 64.3 52.2 78.2

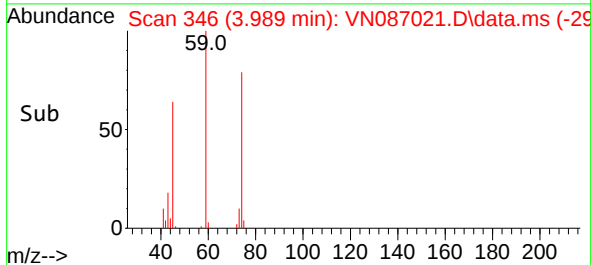
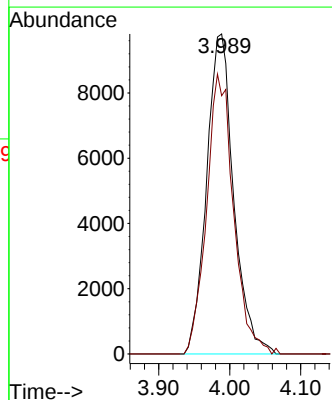
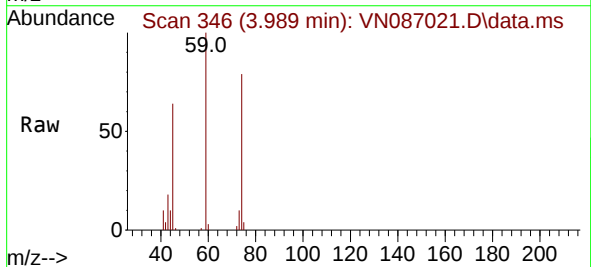
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#8
Diethyl Ether
Concen: 19.419 ug/l
RT: 3.989 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Tgt Ion: 74 Resp: 26022
Ion Ratio Lower Upper
74 100
45 87.0 45.5 136.5





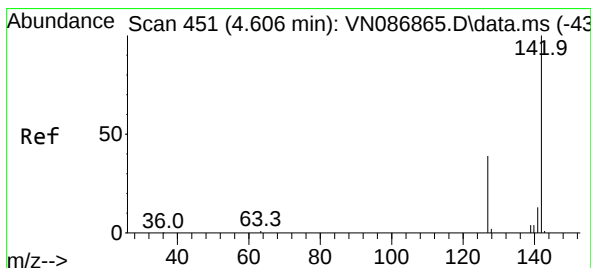
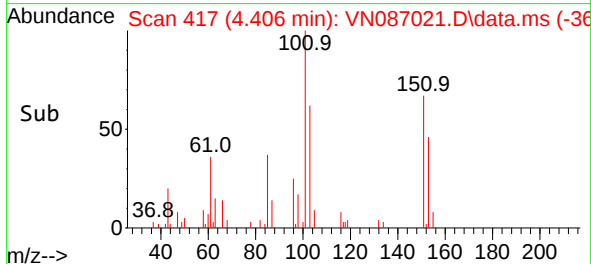
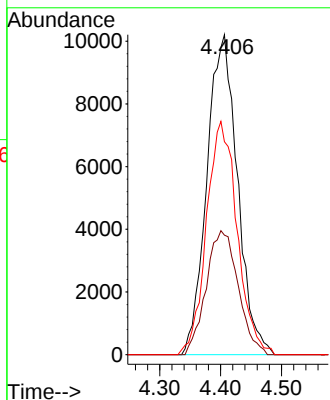
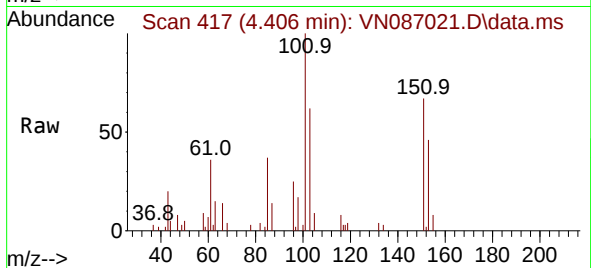
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.397 ug/l
RT: 4.406 min Scan# 415
Delta R.T. 0.012 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 35549
Ion Ratio Lower Upper
101 100
85 40.6 33.8 50.8
151 73.3 58.7 88.1

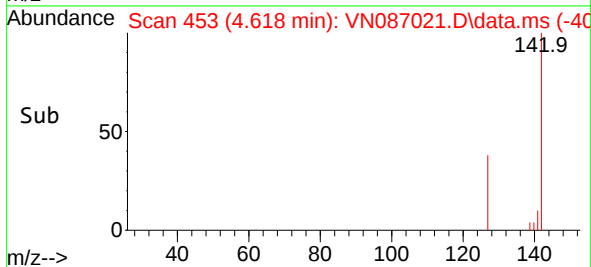
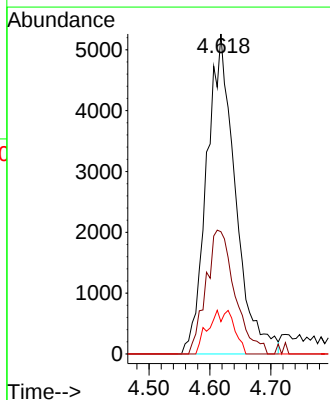
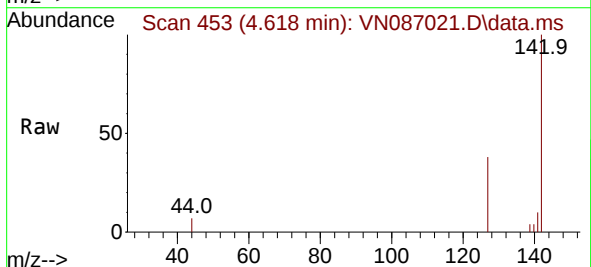
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#10
Methyl Iodide
Concen: 6.867 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

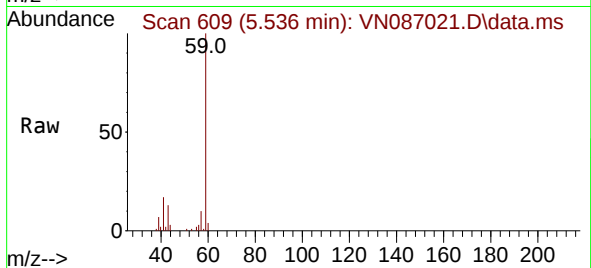
Tgt Ion:142 Resp: 17200
Ion Ratio Lower Upper
142 100
127 38.2 30.9 46.3
141 10.1 10.4 15.6#





#11
Tert butyl alcohol
Concen: 86.075 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

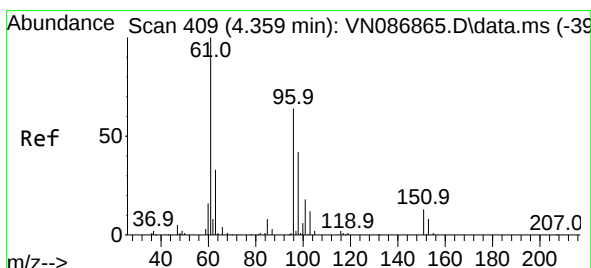
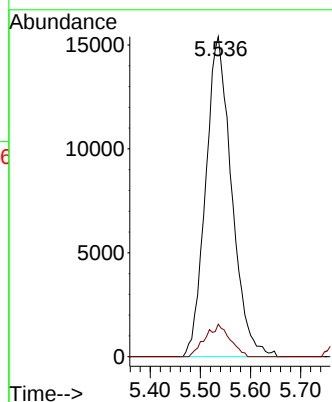
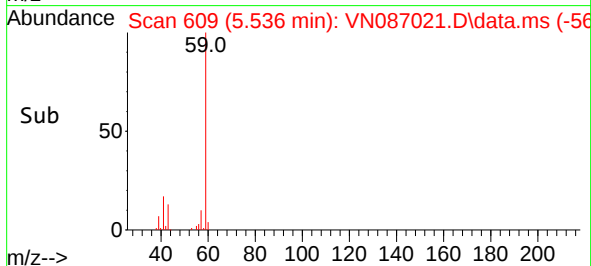
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



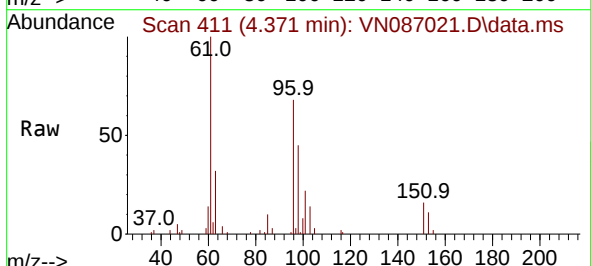
Tgt Ion: 59 Resp: 5542
Ion Ratio Lower Upper
59 100
57 9.5 8.1 12.1

Manual Integrations
APPROVED

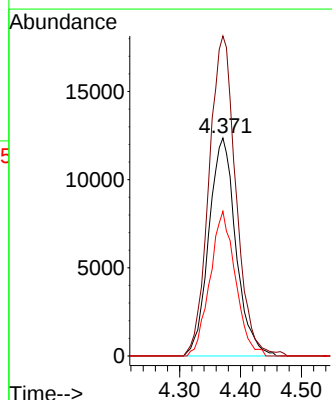
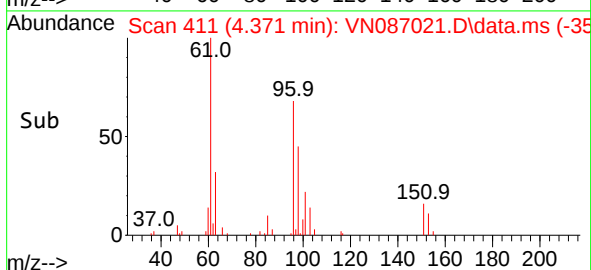
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

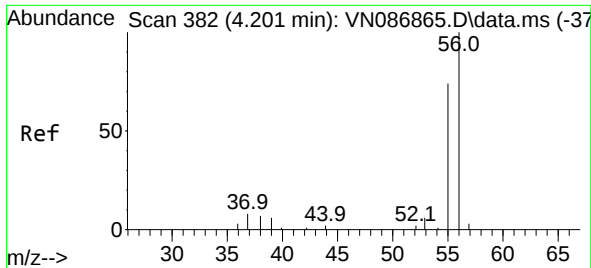


#12
1,1-Dichloroethene
Concen: 19.310 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39



Tgt Ion: 96 Resp: 38093
Ion Ratio Lower Upper
96 100
61 146.8 125.8 188.6
98 66.4 52.5 78.7





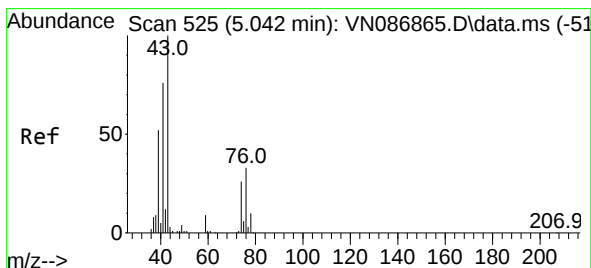
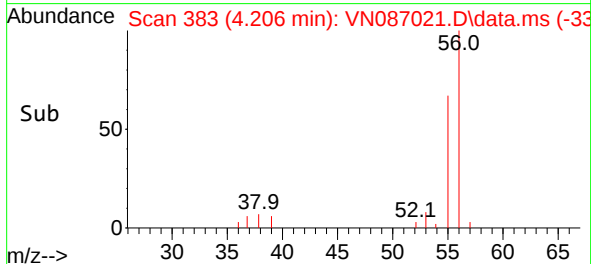
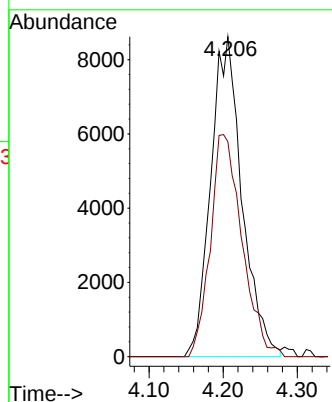
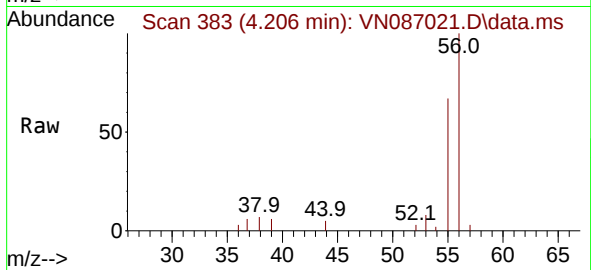
#13
Acrolein
Concen: 123.814 ug/l
RT: 4.206 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 56 Resp: 2523
Ion Ratio Lower Upper
56 100
55 70.2 55.6 83.4

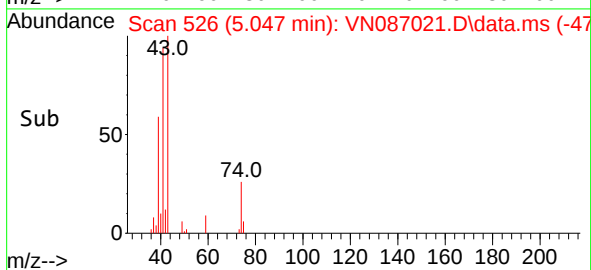
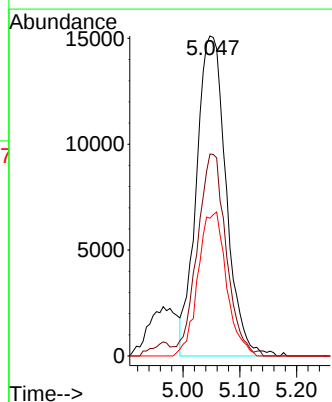
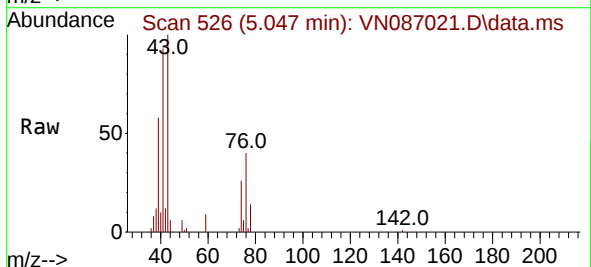
Manual Integrations
APPROVED

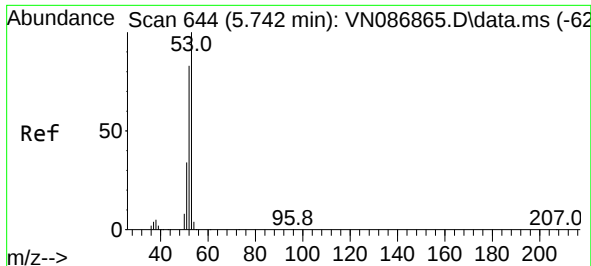
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#14
Allyl chloride
Concen: 16.775 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

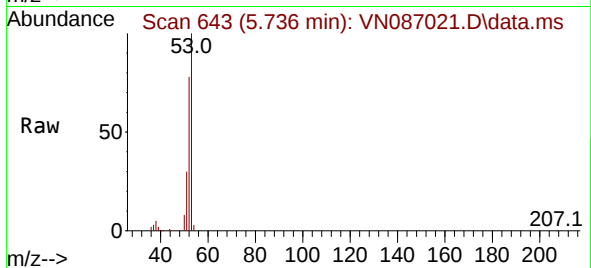
Tgt Ion: 41 Resp: 54880
Ion Ratio Lower Upper
41 100
39 61.6 51.3 76.9
76 43.0 31.4 47.0





#15
Acrylonitrile
Concen: 91.356 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

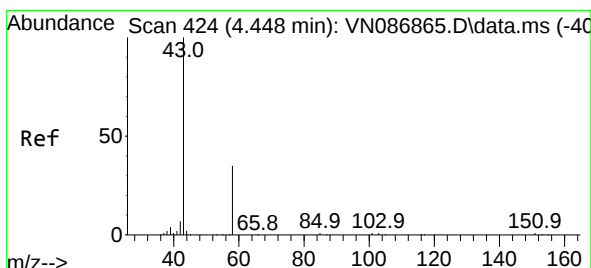
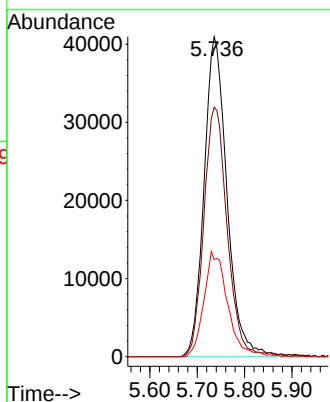
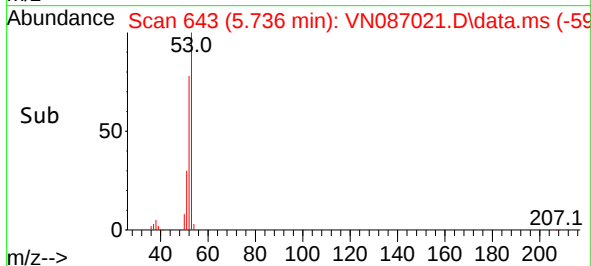
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 53 Resp: 137492
Ion Ratio Lower Upper
53 100
52 79.8 65.0 97.6
51 33.9 27.2 40.8

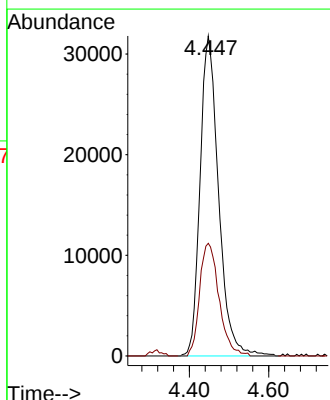
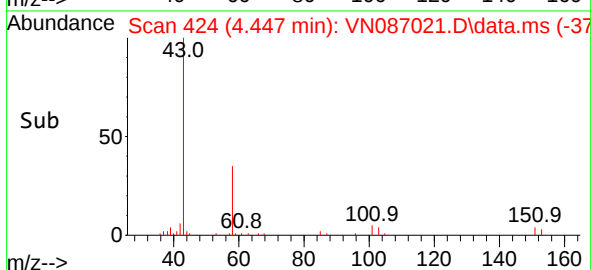
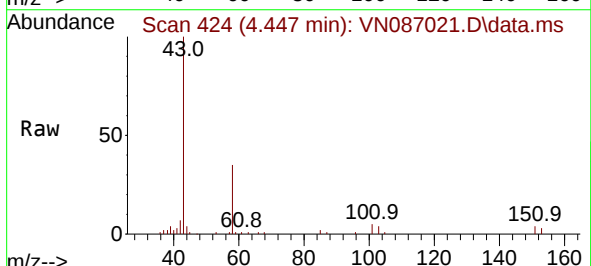
Manual Integrations
APPROVED

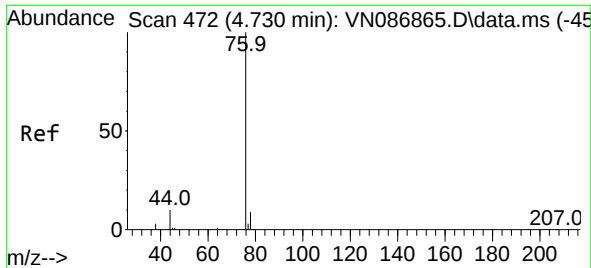
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#16
Acetone
Concen: 81.857 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Tgt Ion: 43 Resp: 103011
Ion Ratio Lower Upper
43 100
58 35.2 28.0 42.0





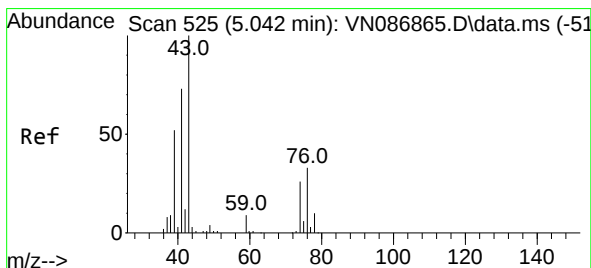
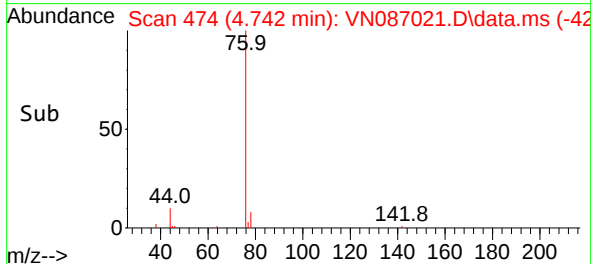
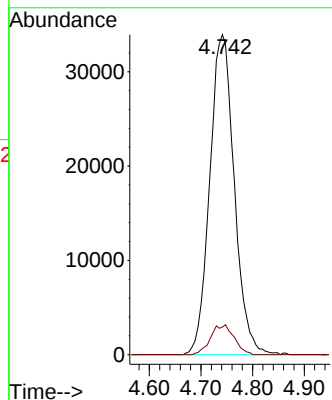
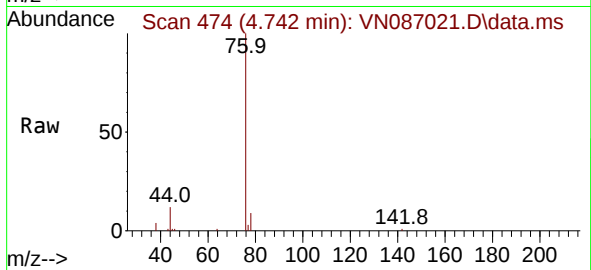
#17
Carbon Disulfide
Concen: 20.493 ug/l
RT: 4.742 min Scan# 473
Delta R.T. 0.012 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 76 Resp: 111825
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

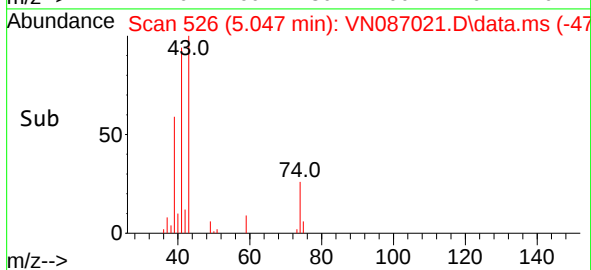
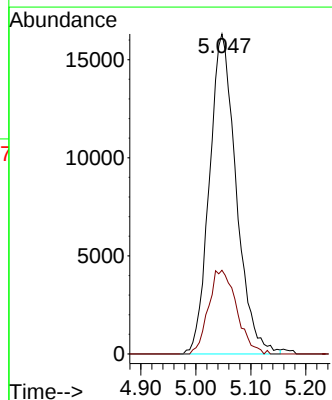
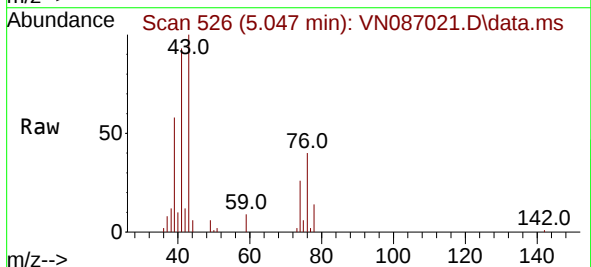
Manual Integrations
APPROVED

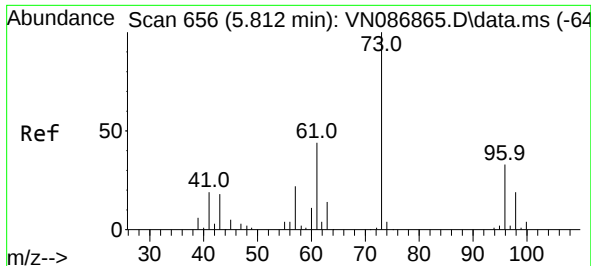
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#18
Methyl Acetate
Concen: 15.063 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Tgt Ion: 43 Resp: 55241
Ion Ratio Lower Upper
43 100
74 27.5 20.7 31.1





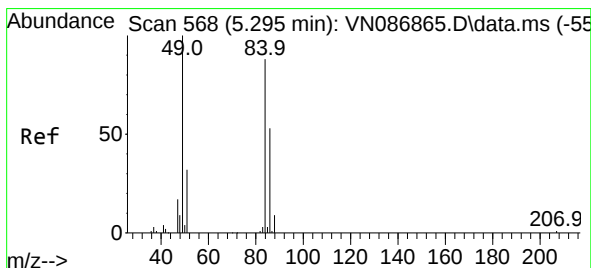
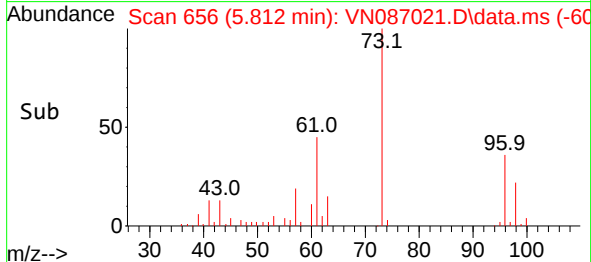
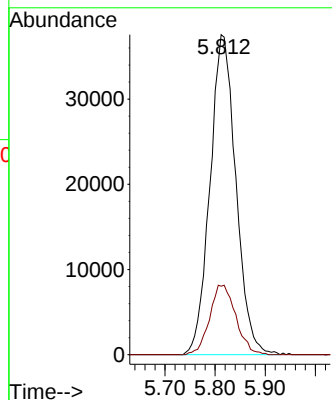
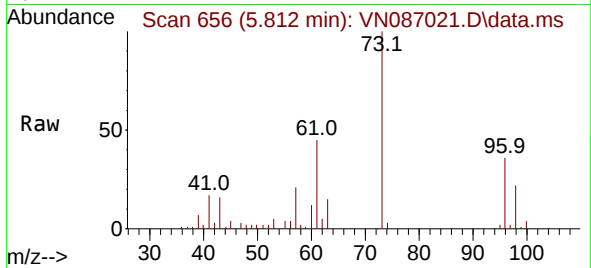
#19
Methyl tert-butyl Ether
Concen: 18.873 ug/l
RT: 5.812 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 73 Resp: 13480
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.2

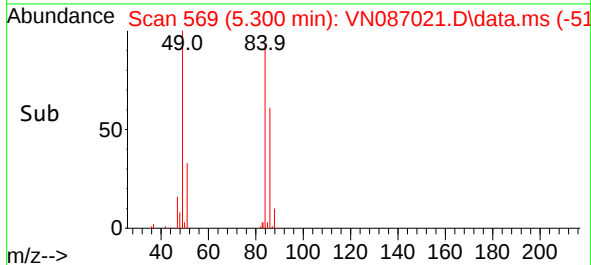
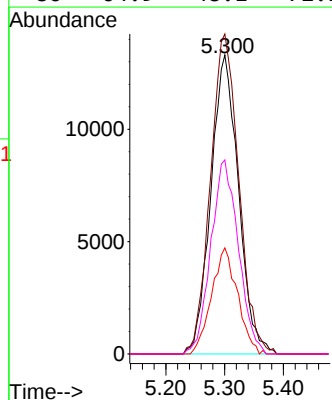
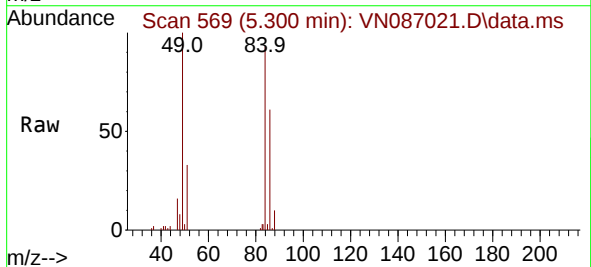
Manual Integrations
APPROVED

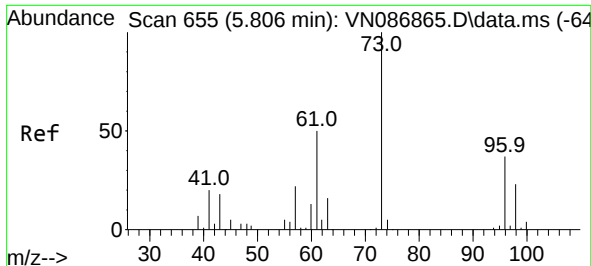
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#20
Methylene Chloride
Concen: 18.414 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Tgt Ion: 84 Resp: 43384
Ion Ratio Lower Upper
84 100
49 107.0 90.5 135.7
51 35.5 28.5 42.7
86 64.9 48.1 72.1





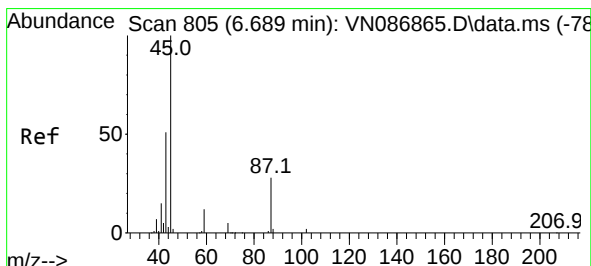
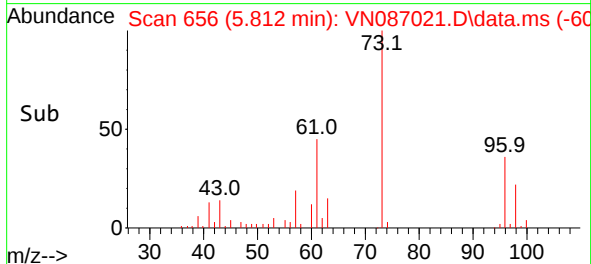
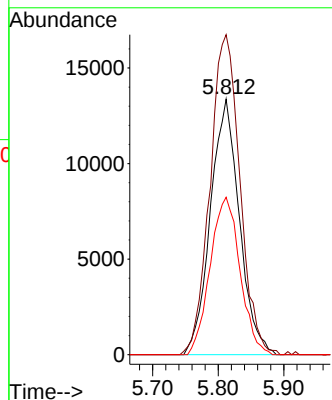
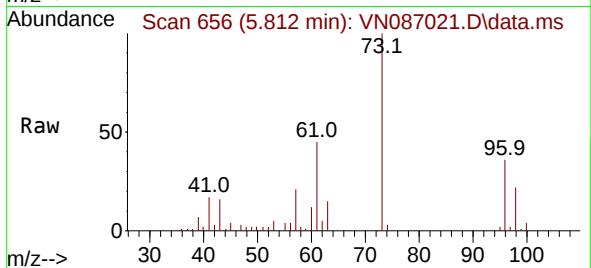
#21
trans-1,2-Dichloroethene
Concen: 18.696 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 96 Resp: 41034
Ion Ratio Lower Upper
96 100
61 125.2 109.2 163.8
98 61.6 49.8 74.8

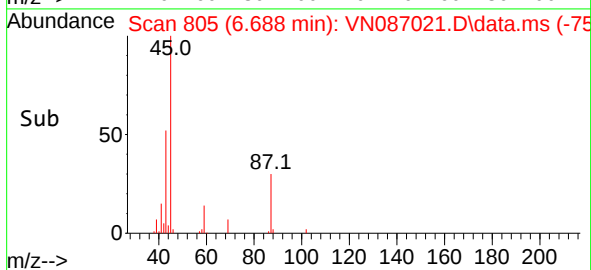
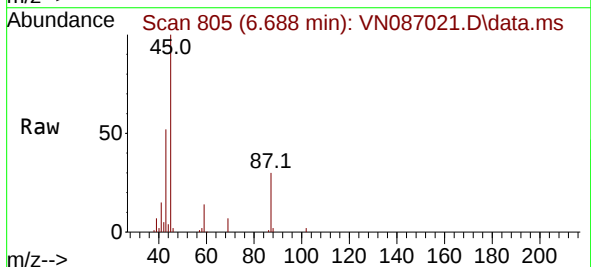
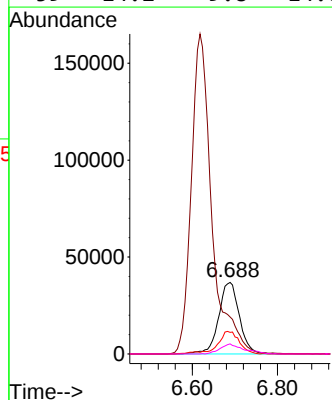
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#22
Diisopropyl ether
Concen: 18.046 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

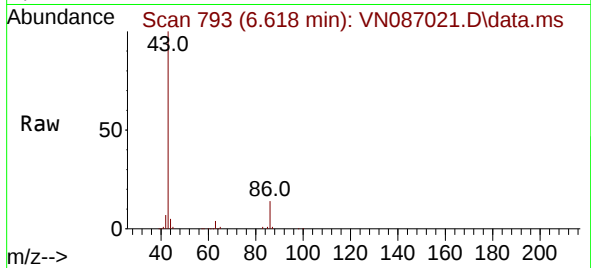
Tgt Ion: 45 Resp: 124448
Ion Ratio Lower Upper
45 100
43 50.8 41.9 62.9
87 30.3 22.4 33.6
59 14.2 9.8 14.6





#23
 Vinyl Acetate
 Concen: 94.532 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN087021.D
 Acq: 16 Jun 2025 11:39

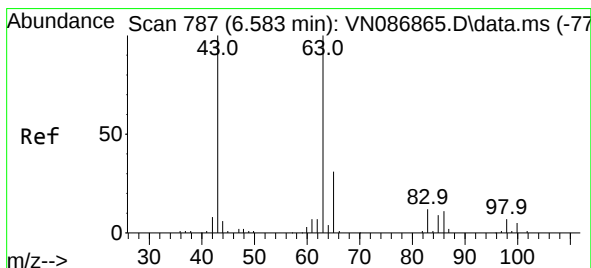
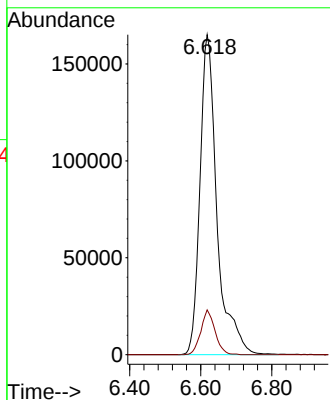
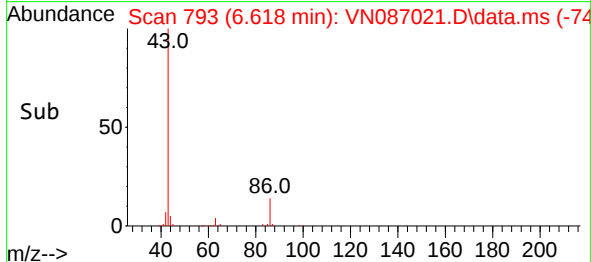
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD01



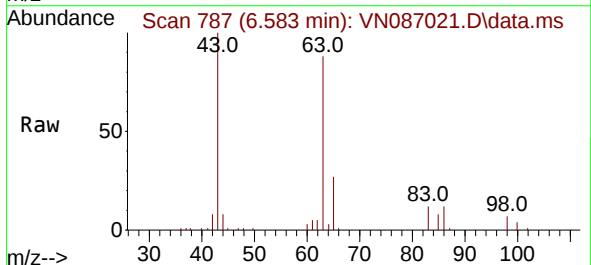
Tgt Ion: 43 Resp: 550800
 Ion Ratio Lower Upper
 43 100
 86 14.0 9.5 14.3

Manual Integrations
 APPROVED

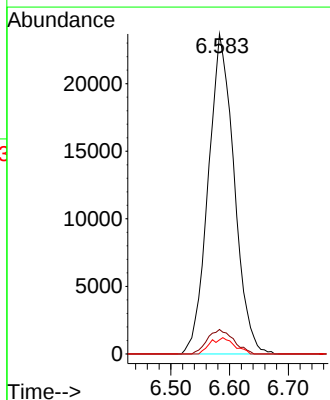
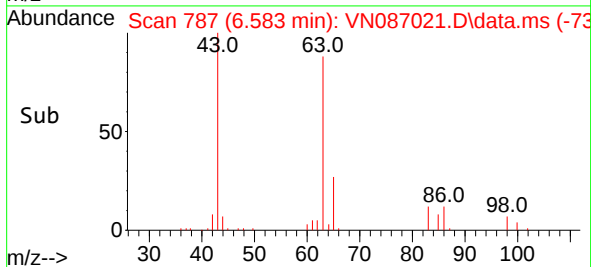
Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025



#24
 1,1-Dichloroethane
 Concen: 18.255 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN087021.D
 Acq: 16 Jun 2025 11:39



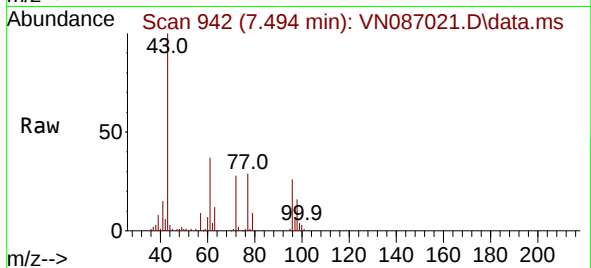
Tgt Ion: 63 Resp: 72447
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 4.4 2.6 7.8





#25
2-Butanone
Concen: 85.684 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

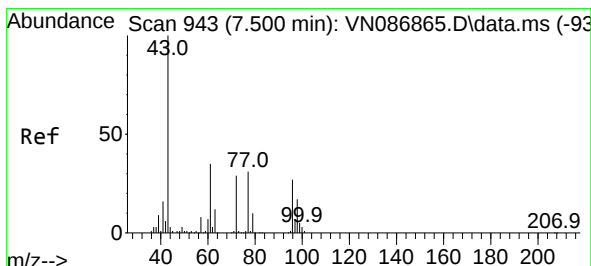
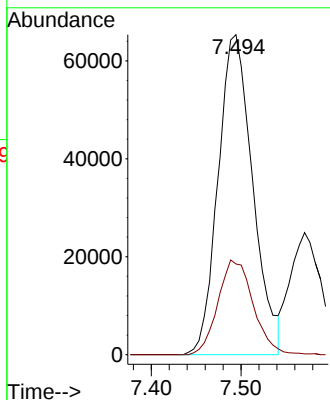
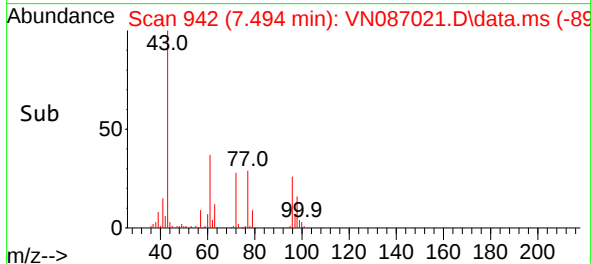
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



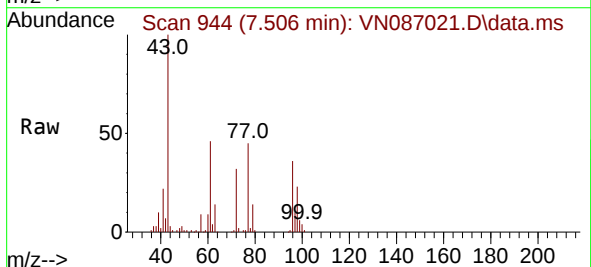
Tgt Ion: 43 Resp: 175270
Ion Ratio Lower Upper
43 100
72 28.3 23.0 34.6

Manual Integrations
APPROVED

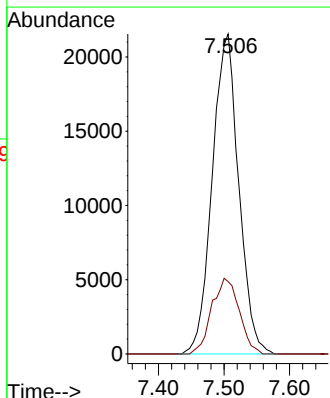
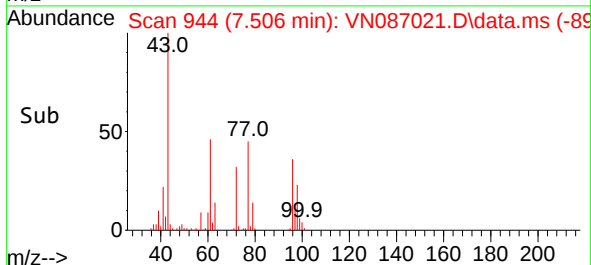
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

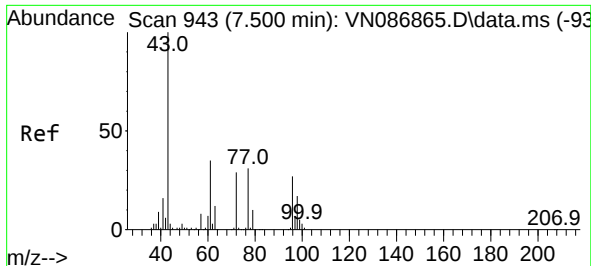


#26
2,2-Dichloropropane
Concen: 19.552 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39



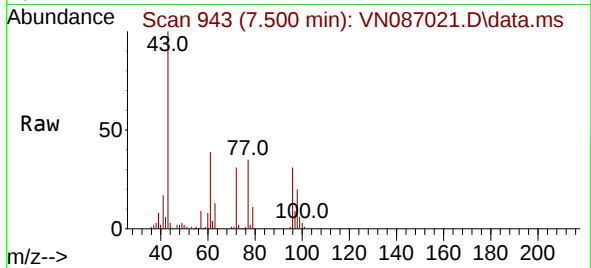
Tgt Ion: 77 Resp: 60360
Ion Ratio Lower Upper
77 100
97 24.5 11.6 34.7





#27
 cis-1,2-Dichloroethene
 Concen: 18.865 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN087021.D
 Acq: 16 Jun 2025 11:39

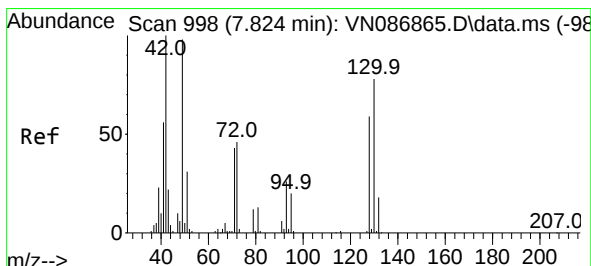
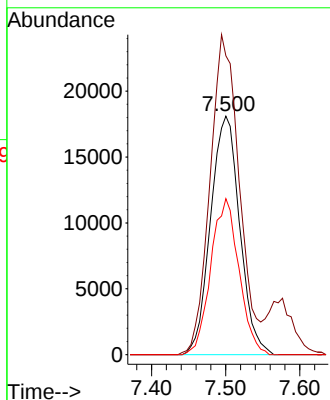
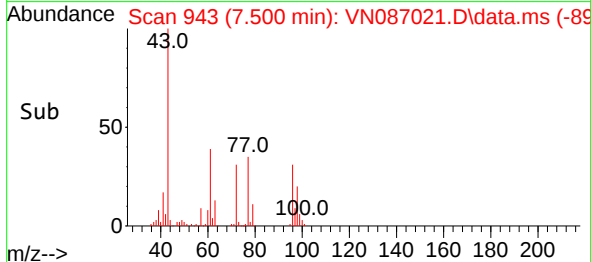
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD01



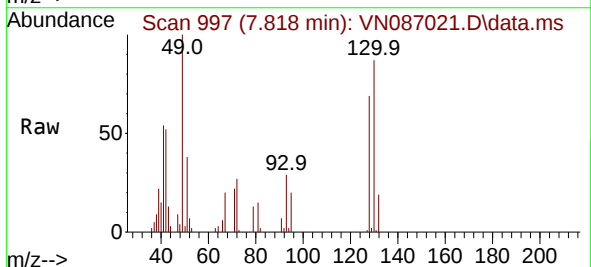
Tgt Ion: 96 Resp: 4951
 Ion Ratio Lower Upper
 96 100
 61 134.2 0.0 278.0
 98 63.0 0.0 128.2

Manual Integrations
 APPROVED

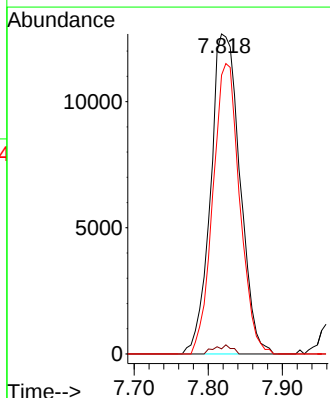
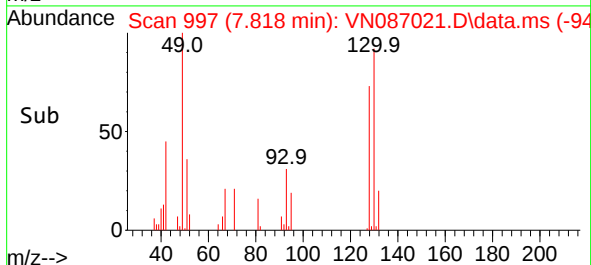
Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025

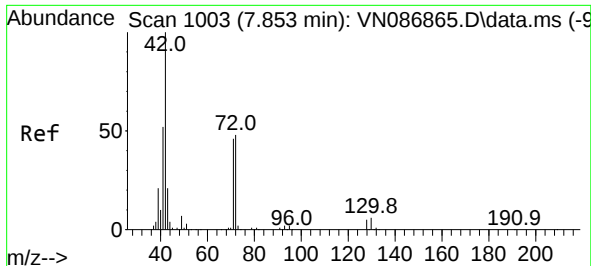


#28
 Bromochloromethane
 Concen: 17.859 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN087021.D
 Acq: 16 Jun 2025 11:39



Tgt Ion: 49 Resp: 34848
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 82.9 62.2 93.2





#29

Tetrahydrofuran

Concen: 86.195 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. -0.000 min

Lab File: VN087021.D

Acq: 16 Jun 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01

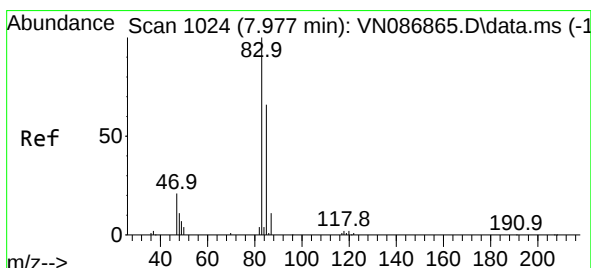
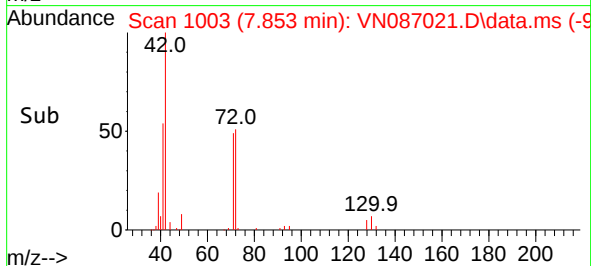
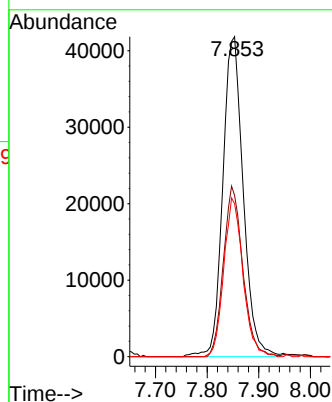
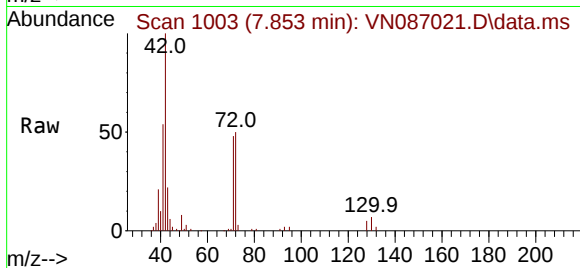
Tgt Ion:	42	Resp:	11485
Ion Ratio	Lower	Upper	
42	100		
72	50.7	37.8	56.6
71	46.5	35.6	53.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#30

Chloroform

Concen: 18.399 ug/l

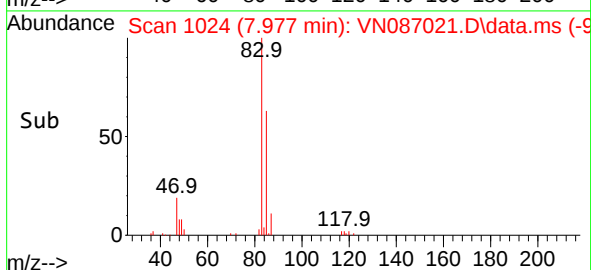
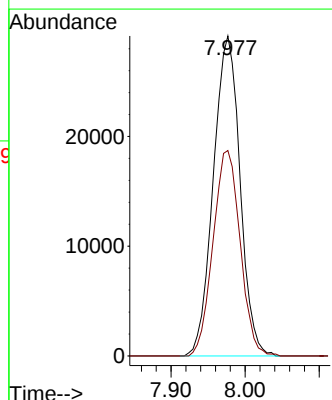
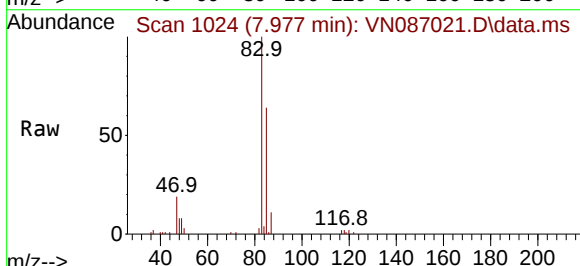
RT: 7.977 min Scan# 1024

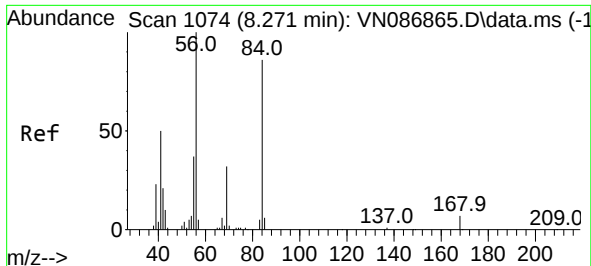
Delta R.T. -0.000 min

Lab File: VN087021.D

Acq: 16 Jun 2025 11:39

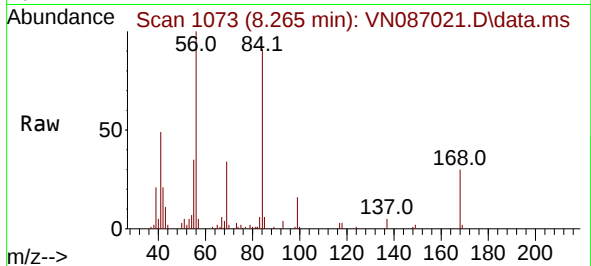
Tgt Ion:	83	Resp:	72920
Ion Ratio	Lower	Upper	
83	100		
85	64.2	52.9	79.3





#31
Cyclohexane
Concen: 17.205 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

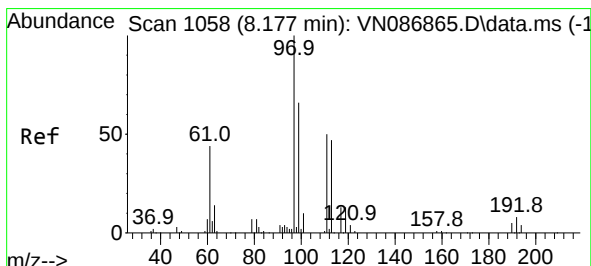
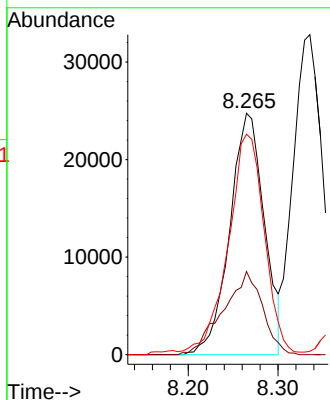
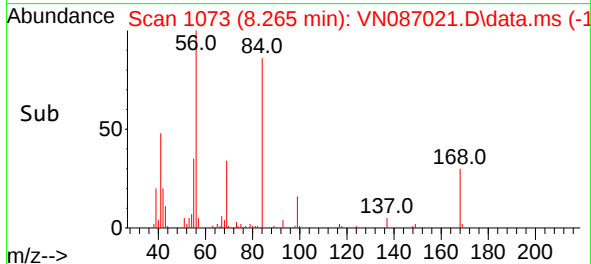
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 56 Resp: 66220
Ion Ratio Lower Upper
56 100
69 34.4 25.4 38.0
84 90.0 68.8 103.2

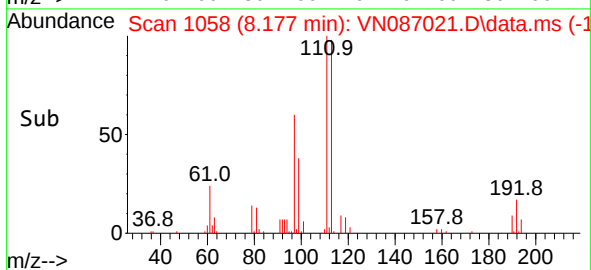
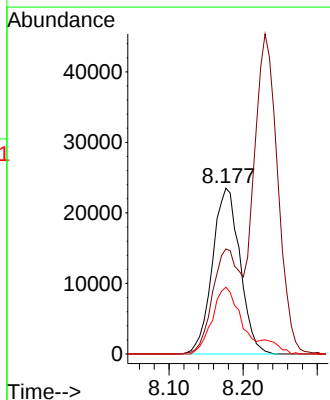
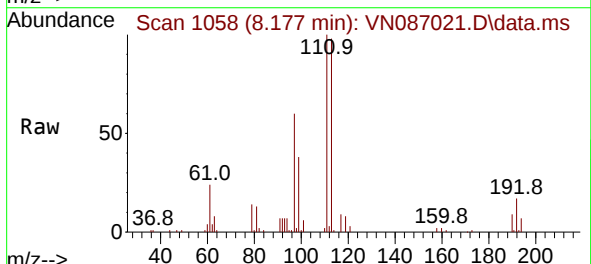
Manual Integrations
APPROVED

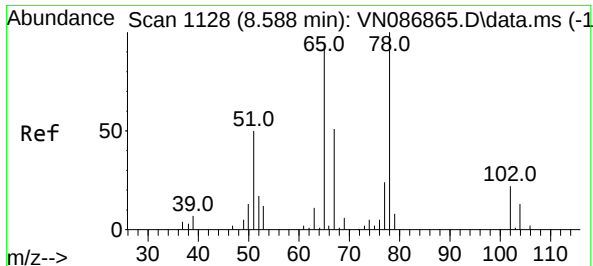
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#32
1,1,1-Trichloroethane
Concen: 18.023 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Tgt Ion: 97 Resp: 60753
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 42.2 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 46.398 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087021.D

Acq: 16 Jun 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01

Tgt Ion: 65 Resp: 11010

Ion Ratio Lower Upper

65 100

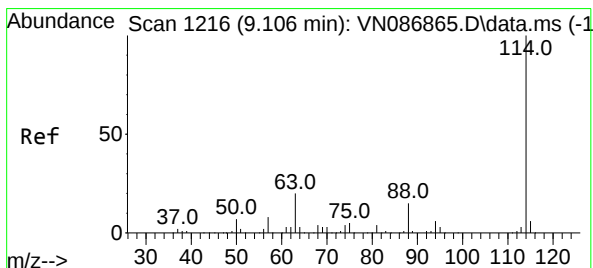
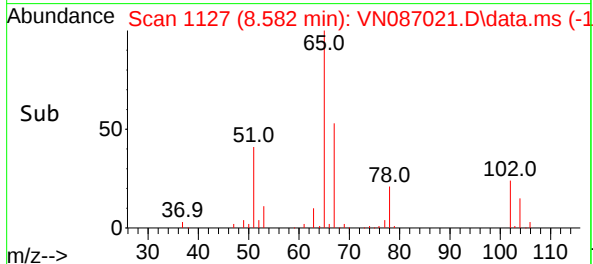
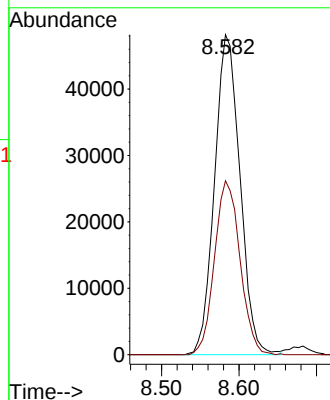
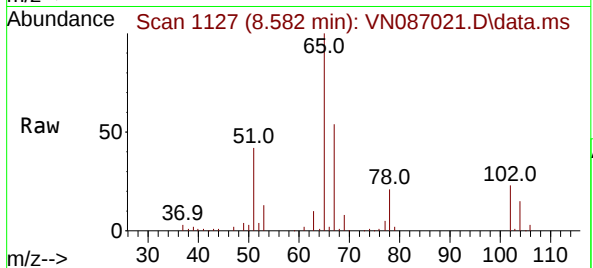
67 54.5 0.0 105.6

Manual Integrations

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Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087021.D

Acq: 16 Jun 2025 11:39

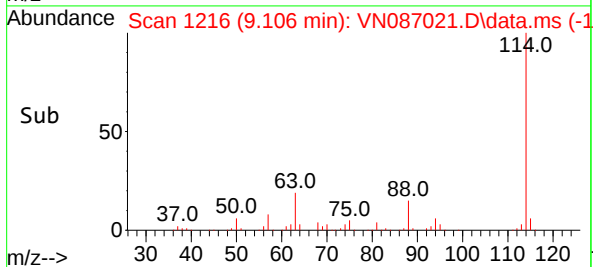
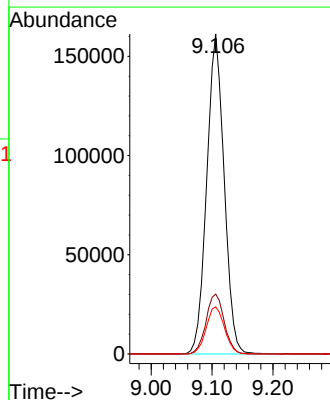
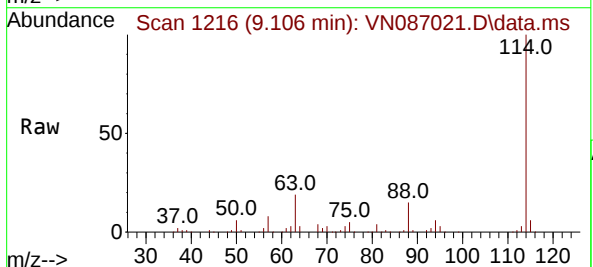
Tgt Ion:114 Resp: 320394

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.6

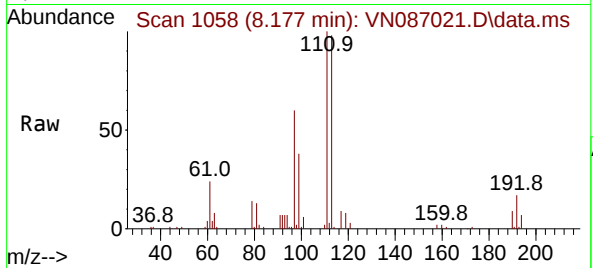
88 14.7 0.0 30.2





#35
Dibromofluoromethane
Concen: 49.536 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

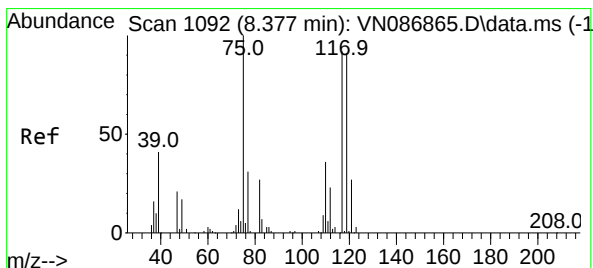
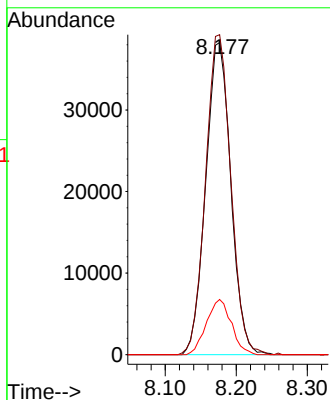
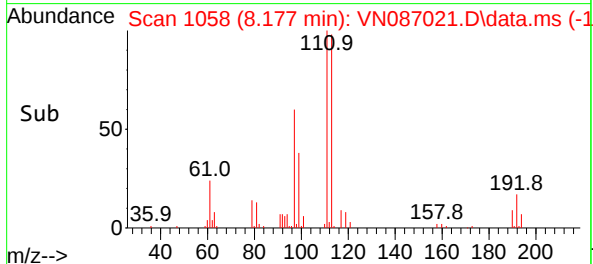
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



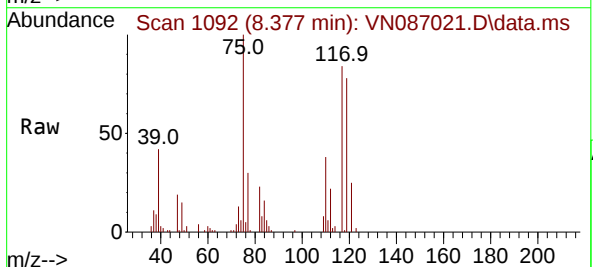
Tgt Ion: 113 Resp: 9405
Ion Ratio Lower Upper
113 100
111 102.9 84.2 126.2
192 17.6 14.2 21.4

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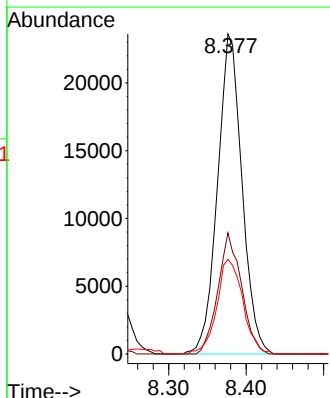
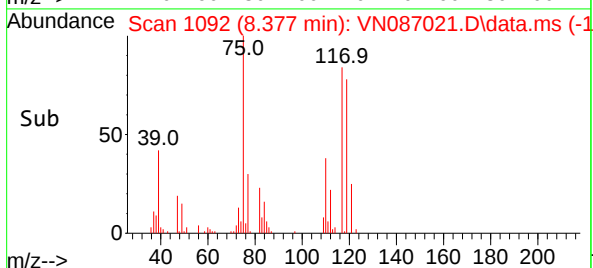
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#36
1,1-Dichloropropene
Concen: 18.344 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39



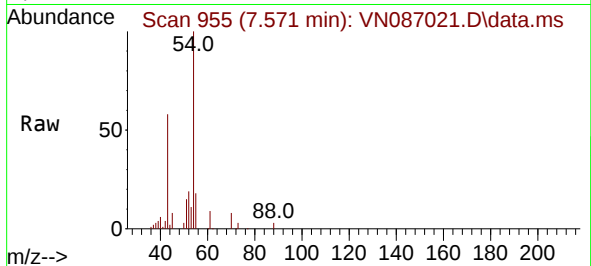
Tgt Ion: 75 Resp: 51901
Ion Ratio Lower Upper
75 100
110 36.4 17.6 52.9
77 31.5 25.3 37.9





#37
Ethyl Acetate
Concen: 17.704 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

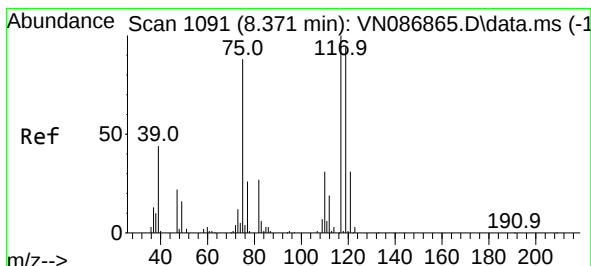
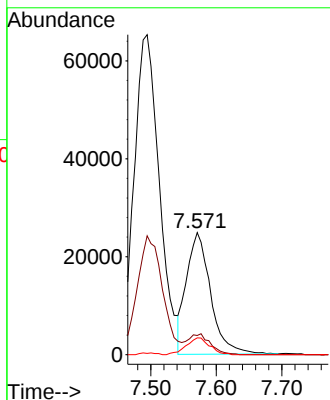
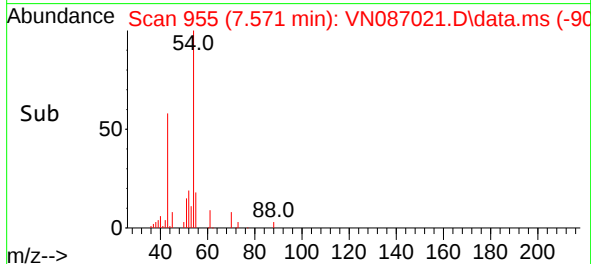
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 43 Resp: 63764
Ion Ratio Lower Upper
43 100
61 16.0 12.1 18.1
70 13.3 9.8 14.6

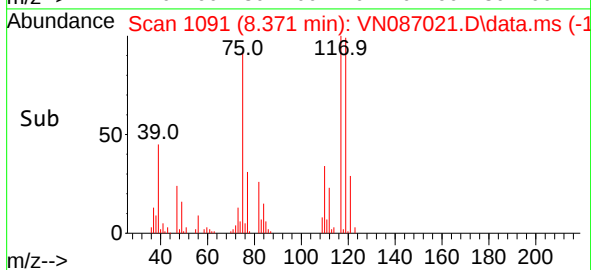
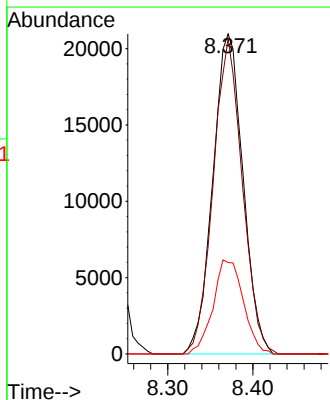
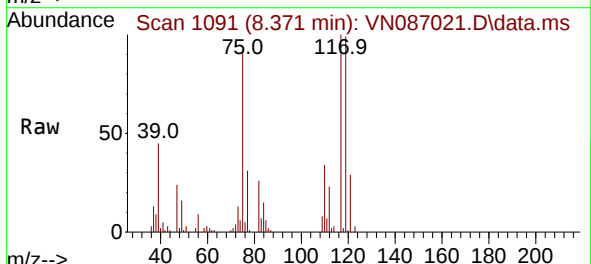
Manual Integrations
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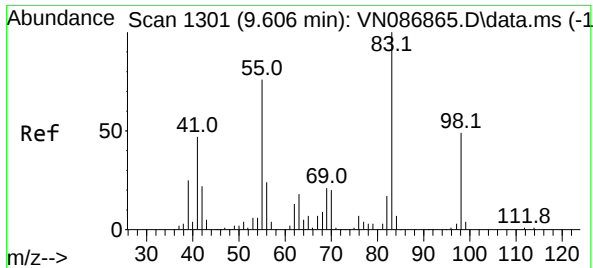
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#38
Carbon Tetrachloride
Concen: 18.571 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

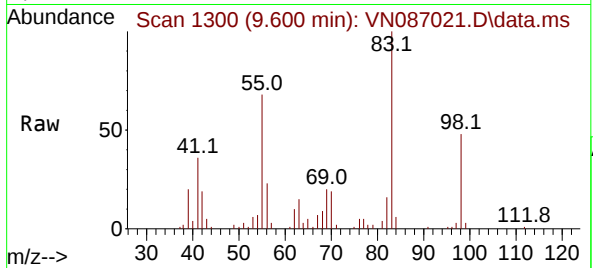
Tgt Ion:117 Resp: 51585
Ion Ratio Lower Upper
117 100
119 98.6 75.0 112.6
121 28.6 24.9 37.3





#39
Methylcyclohexane
Concen: 16.457 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

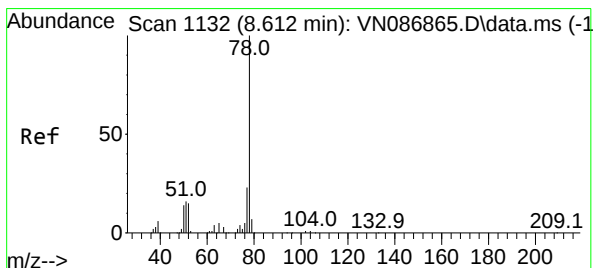
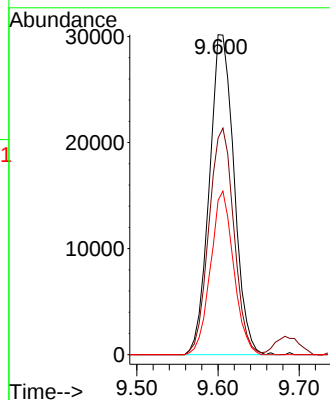
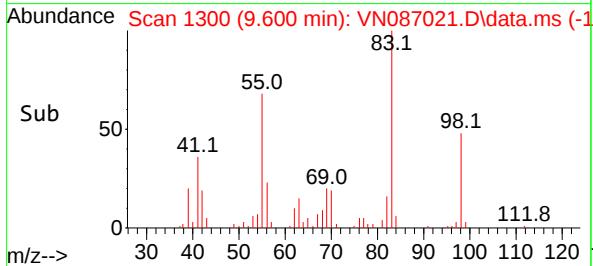
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



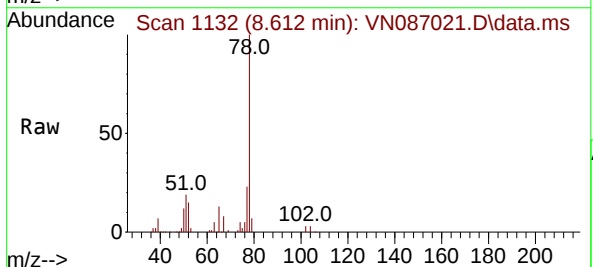
Tgt Ion: 83 Resp: 6379
Ion Ratio Lower Upper
83 100
55 67.7 61.0 91.6
98 48.3 38.9 58.3

Manual Integrations
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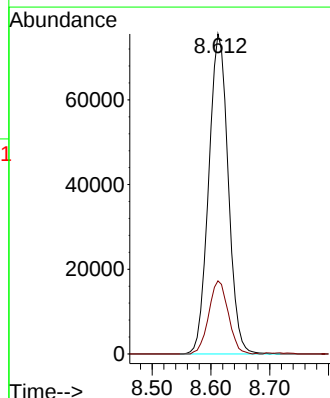
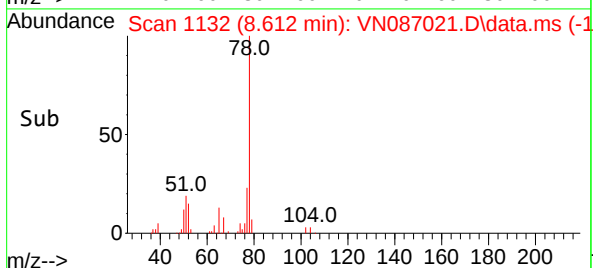
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

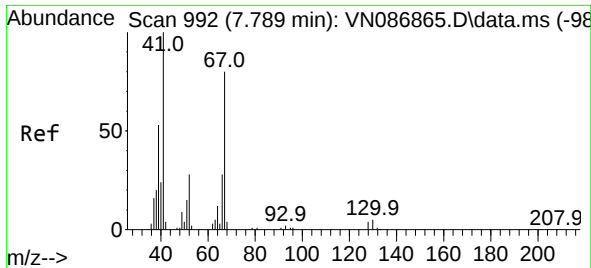


#40
Benzene
Concen: 18.815 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39



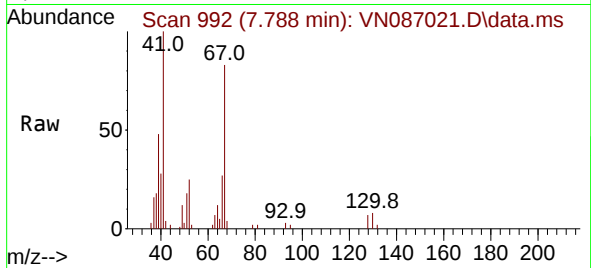
Tgt Ion: 78 Resp: 174070
Ion Ratio Lower Upper
78 100
77 22.9 18.7 28.1





#41
Methacrylonitrile
Concen: 16.736 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

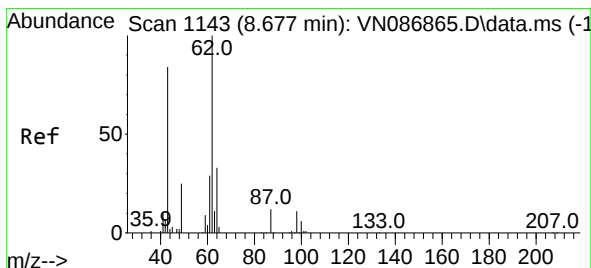
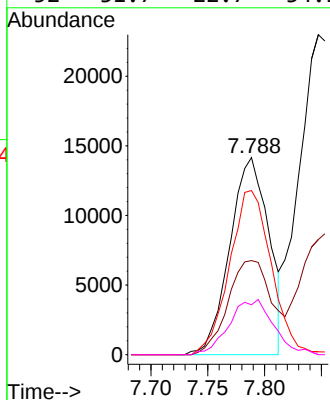
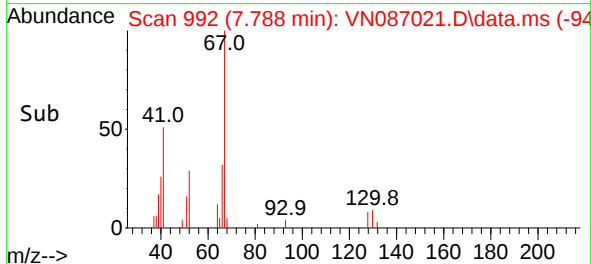
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



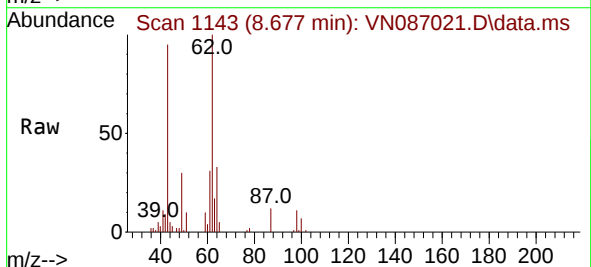
Tgt Ion: 41 Resp: 3385
Ion Ratio Lower Upper
41 100
39 54.2 41.2 61.8
67 89.3 61.4 92.2
52 31.7 22.7 34.1

Manual Integrations
APPROVED

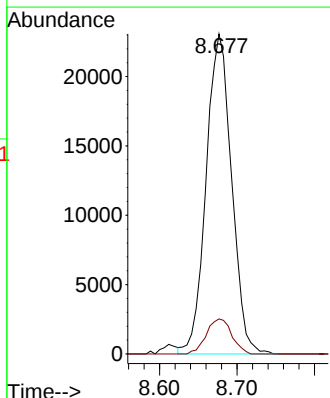
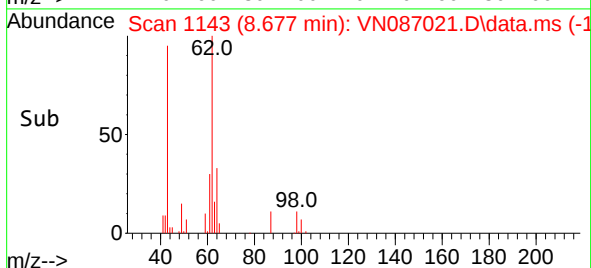
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

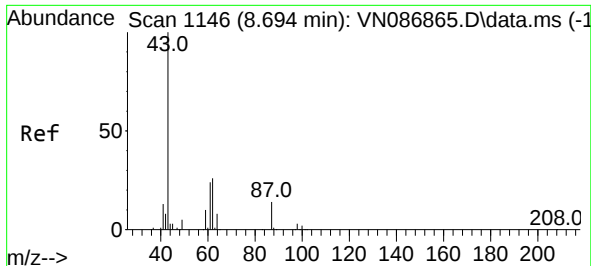


#42
1,2-Dichloroethane
Concen: 18.786 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39



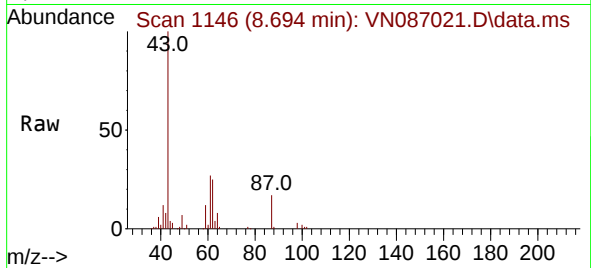
Tgt Ion: 62 Resp: 52718
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.2





#43
Isopropyl Acetate
Concen: 17.781 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

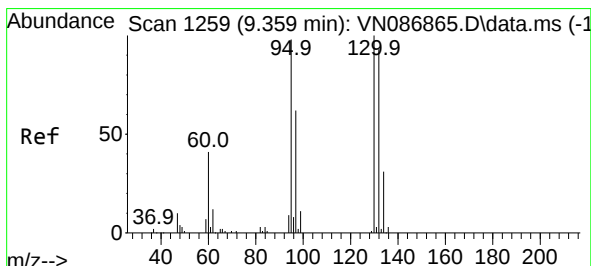
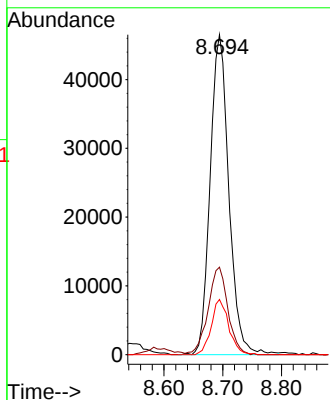
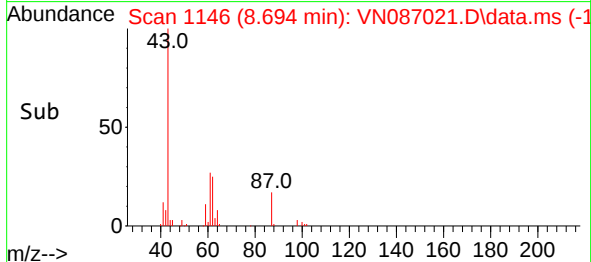
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 43 Resp: 10278
Ion Ratio Lower Upper
43 100
61 29.0 22.1 33.1
87 16.1 11.8 17.6

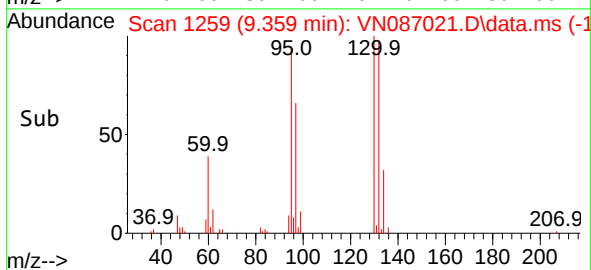
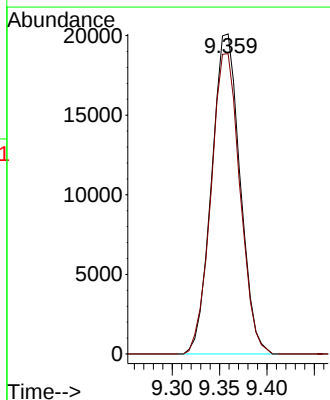
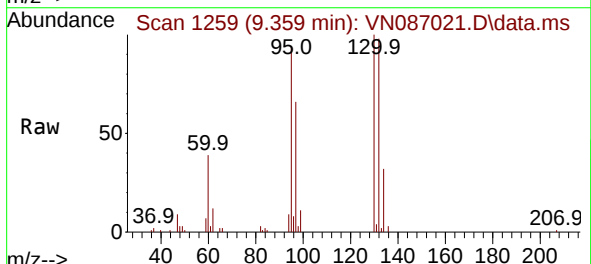
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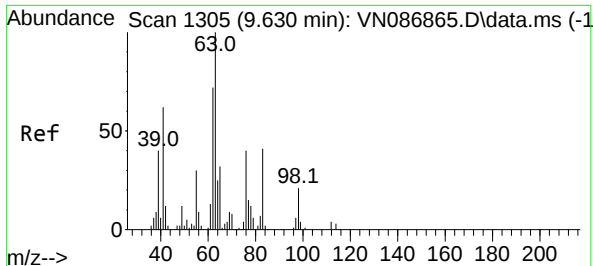
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#44
Trichloroethene
Concen: 19.120 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Tgt Ion:130 Resp: 41946
Ion Ratio Lower Upper
130 100
95 93.9 0.0 196.2





#45

1,2-Dichloropropane

Concen: 18.966 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN087021.D

Acq: 16 Jun 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01

Tgt Ion: 63 Resp: 42690

Ion Ratio Lower Upper

63 100

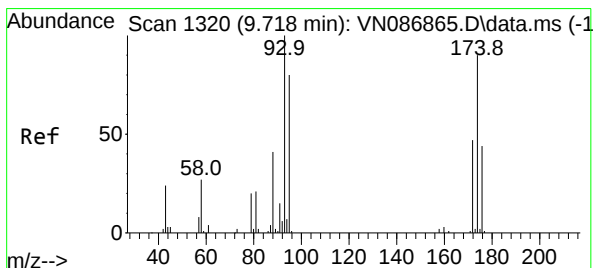
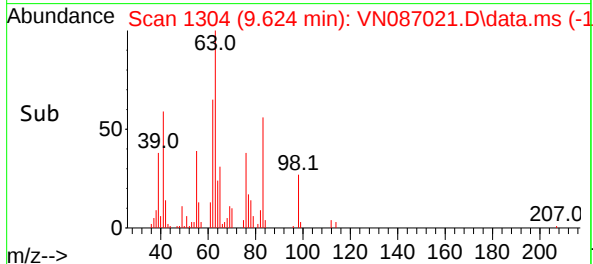
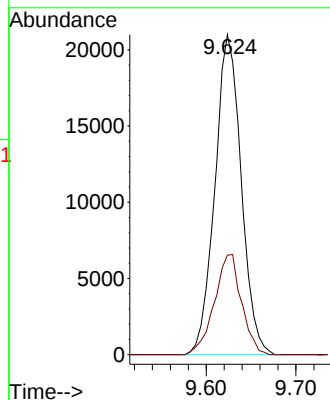
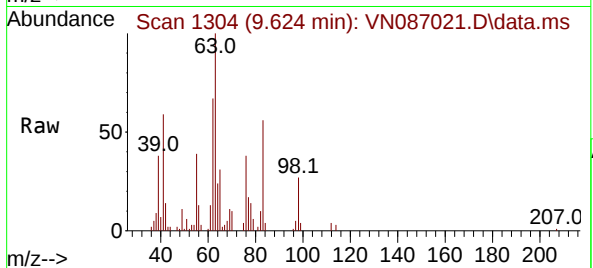
65 31.1 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#46

Dibromomethane

Concen: 19.768 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087021.D

Acq: 16 Jun 2025 11:39

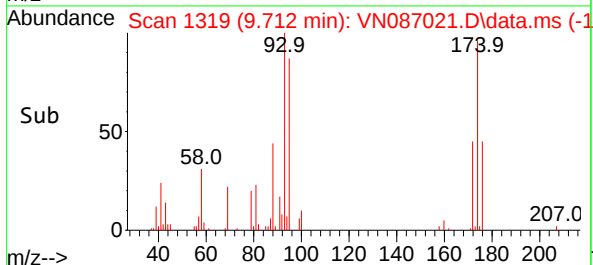
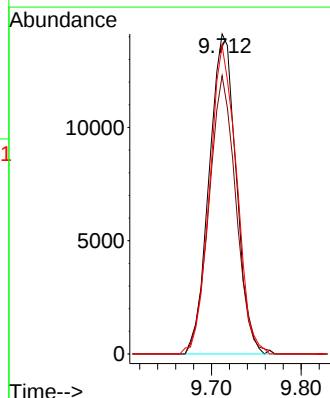
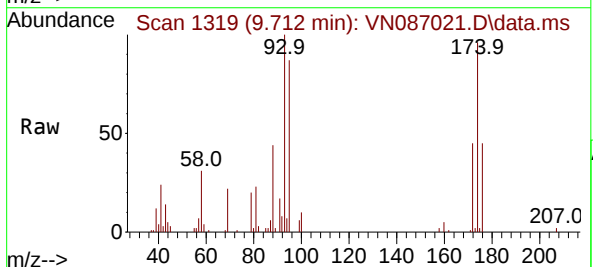
Tgt Ion: 93 Resp: 29554

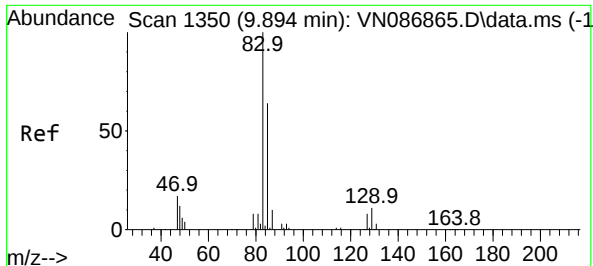
Ion Ratio Lower Upper

93 100

95 85.9 67.1 100.7

174 96.0 74.2 111.4





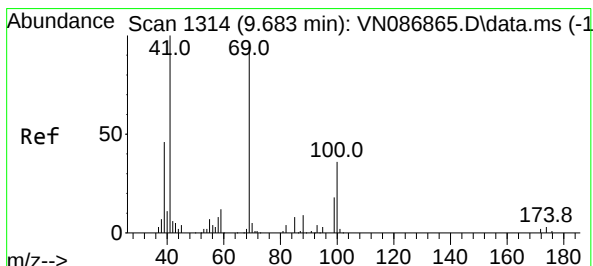
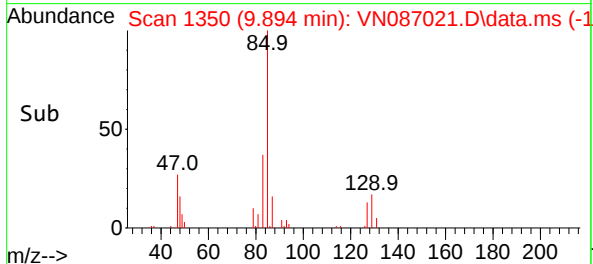
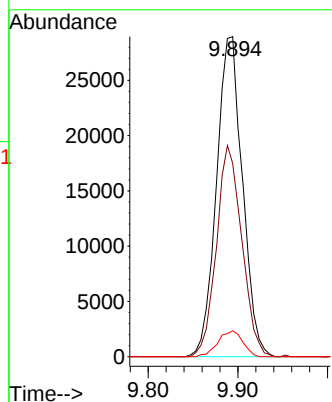
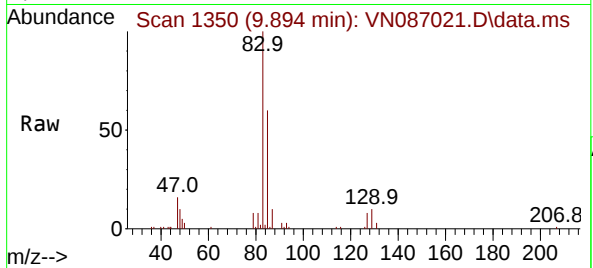
#47
Bromodichloromethane
Concen: 18.917 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 83 Resp: 58189
Ion Ratio Lower Upper
83 100
85 60.4 50.9 76.3
127 8.1 6.6 10.0

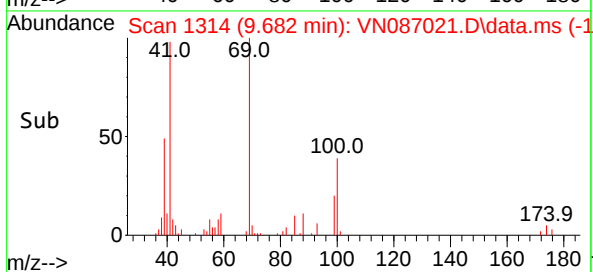
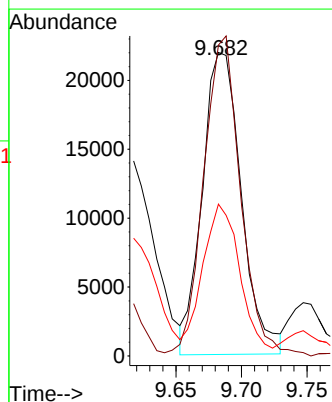
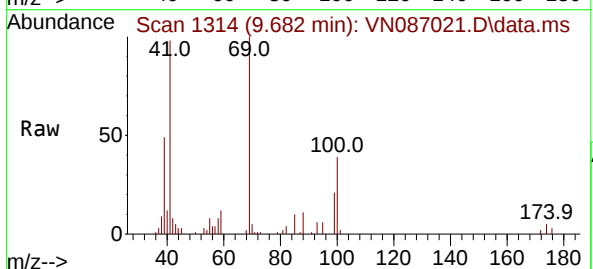
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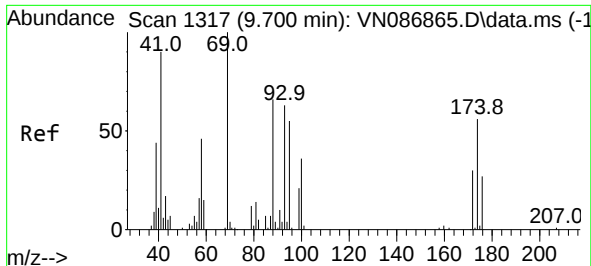
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#48
Methyl methacrylate
Concen: 17.061 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Tgt Ion: 41 Resp: 45393
Ion Ratio Lower Upper
41 100
69 100.3 74.6 112.0
39 48.7 40.2 60.4





#49

1,4-Dioxane

Concen: 380.385 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087021.D

Acq: 16 Jun 2025 11:39

Instrument :

MSVOA_N

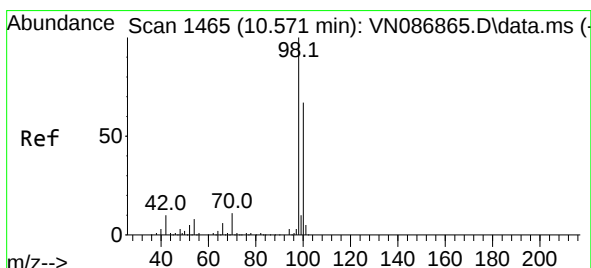
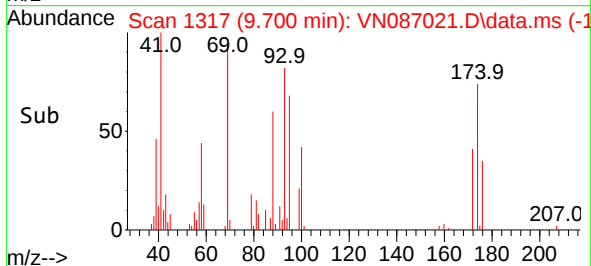
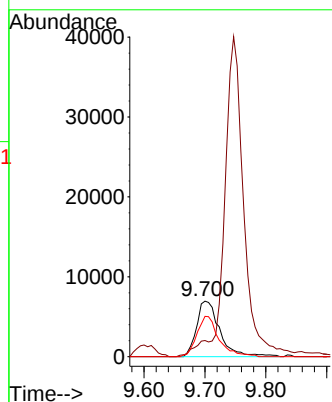
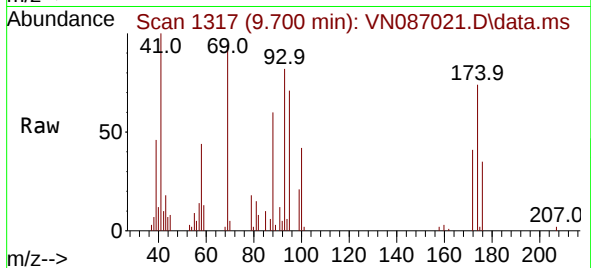
ClientSampleId :

VN0616WBSD01

Tgt Ion: 88 Resp: 1841
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 69.0 57.7 86.5

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Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025



#50

Toluene-d8

Concen: 46.060 ug/l

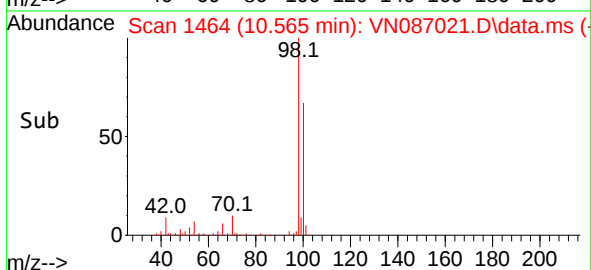
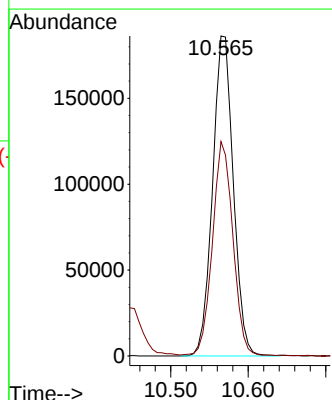
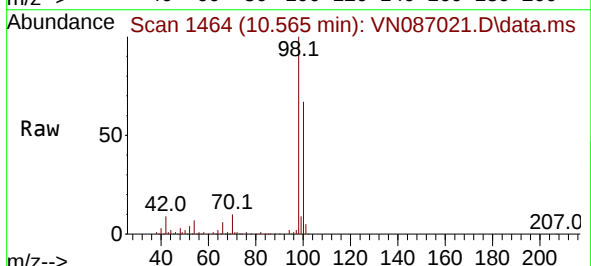
RT: 10.565 min Scan# 1464

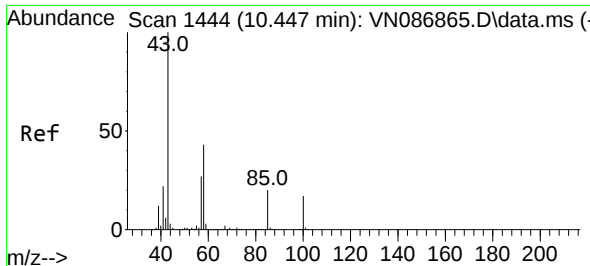
Delta R.T. -0.006 min

Lab File: VN087021.D

Acq: 16 Jun 2025 11:39

Tgt Ion: 98 Resp: 346217
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.4 80.0





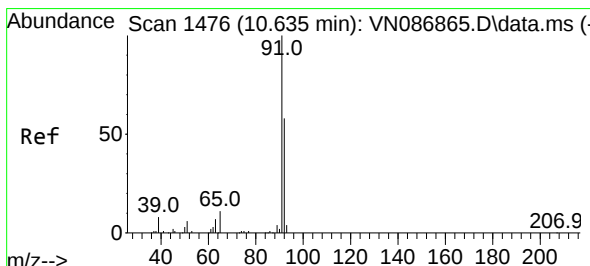
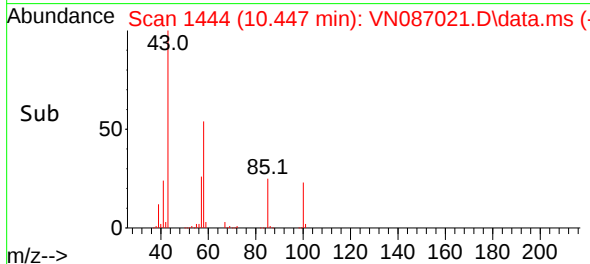
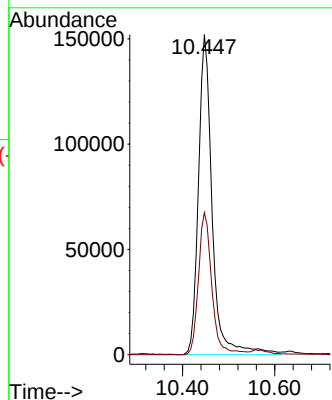
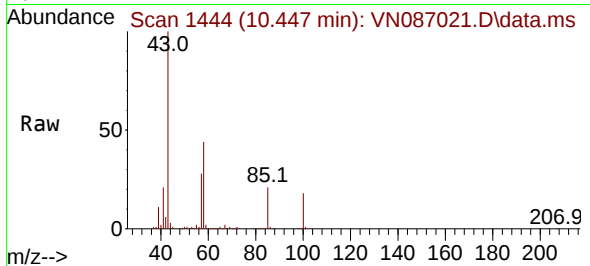
#51
4-Methyl-2-Pentanone
Concen: 90.488 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 43 Resp: 314904
Ion Ratio Lower Upper
43 100
58 43.4 34.2 51.4

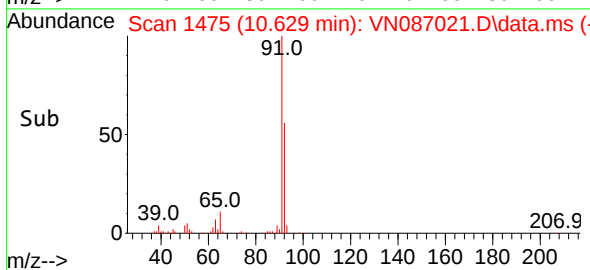
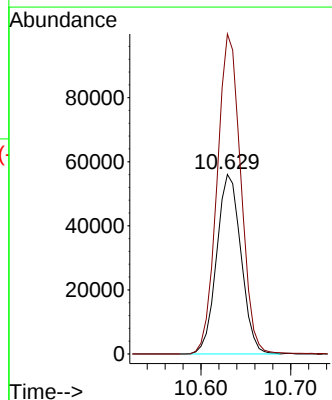
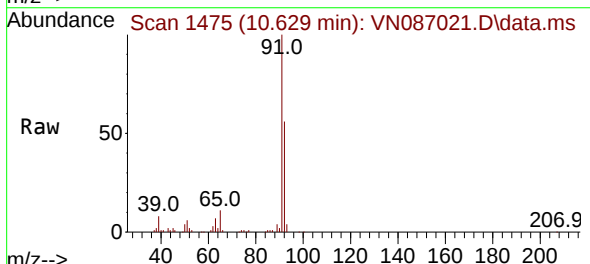
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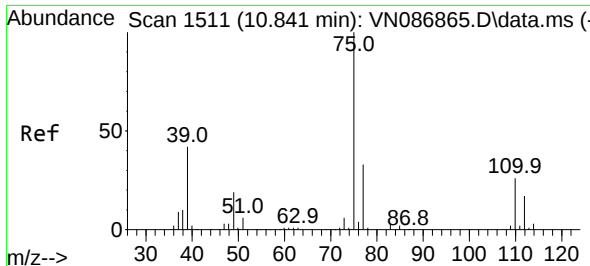
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#52
Toluene
Concen: 18.703 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Tgt Ion: 92 Resp: 105746
Ion Ratio Lower Upper
92 100
91 173.7 136.5 204.7





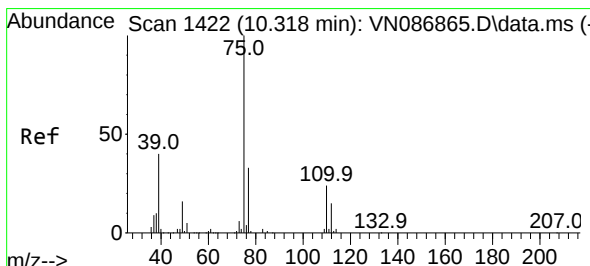
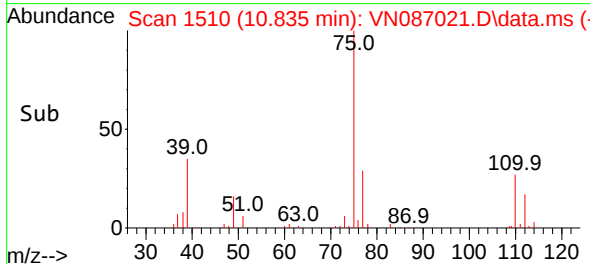
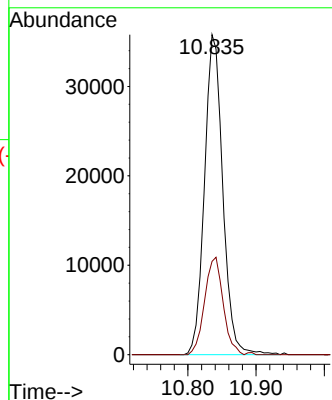
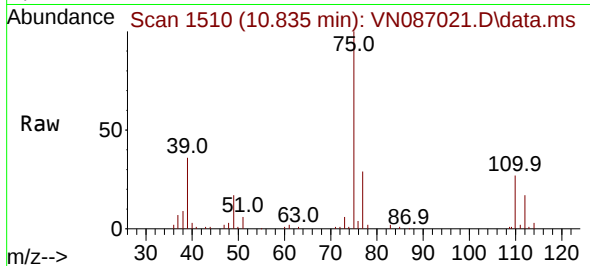
#53
t-1,3-Dichloropropene
Concen: 19.414 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 75 Resp: 66770
Ion Ratio Lower Upper
75 100
77 29.2 26.4 39.6

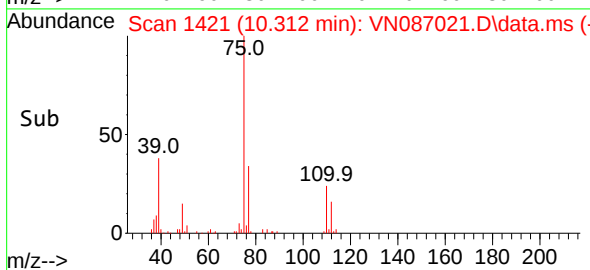
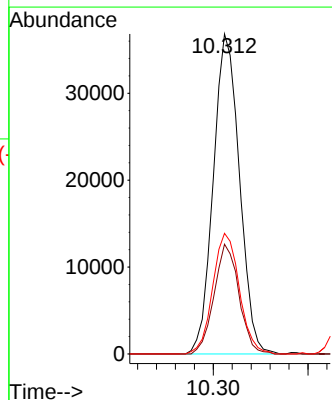
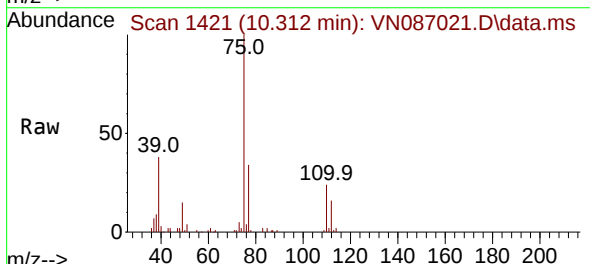
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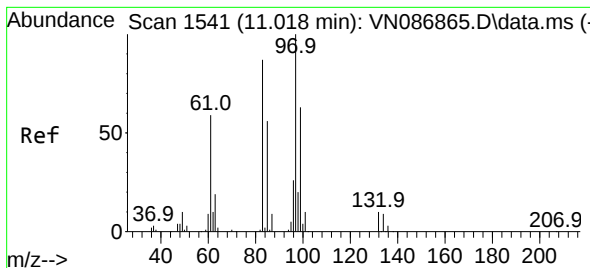
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#54
cis-1,3-Dichloropropene
Concen: 19.186 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Tgt Ion: 75 Resp: 70611
Ion Ratio Lower Upper
75 100
77 34.3 26.2 39.4
39 37.7 32.3 48.5





#55

1,1,2-Trichloroethane

Concen: 19.108 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN087021.D

Acq: 16 Jun 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01

Tgt Ion: 97 Resp: 41570

Ion Ratio Lower Upper

97 100

83 85.8 69.7 104.5

85 54.5 45.1 67.7

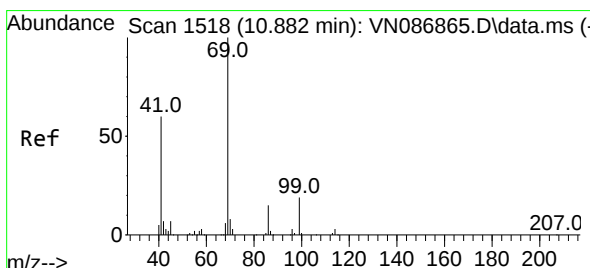
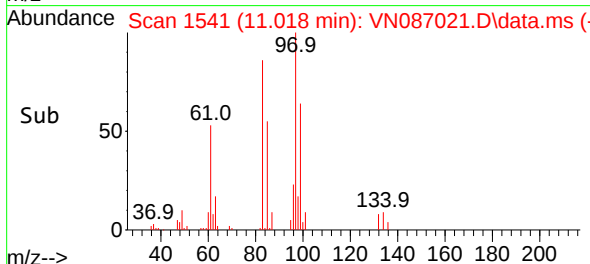
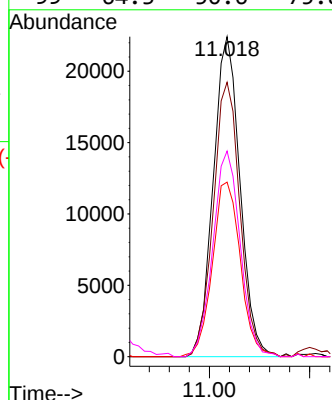
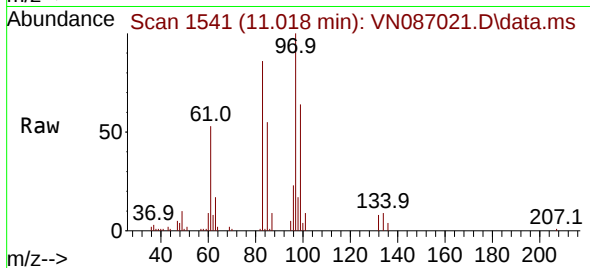
99 64.3 50.6 75.8

Manual Integrations

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Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#56

Ethyl methacrylate

Concen: 18.656 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. -0.000 min

Lab File: VN087021.D

Acq: 16 Jun 2025 11:39

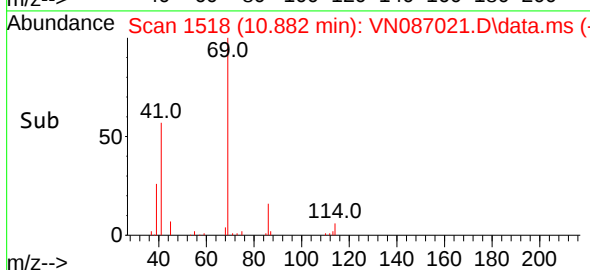
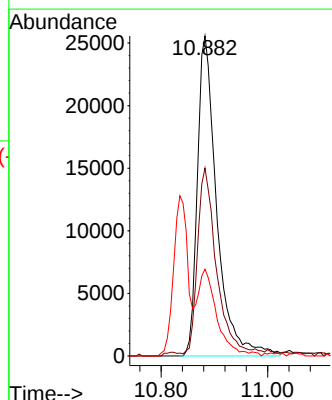
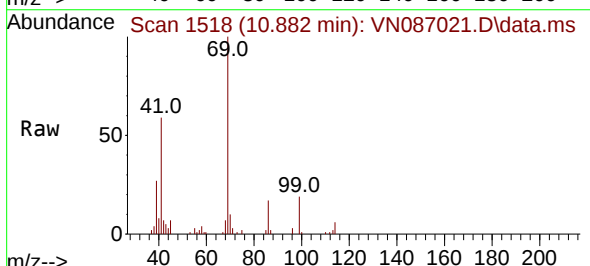
Tgt Ion: 69 Resp: 64647

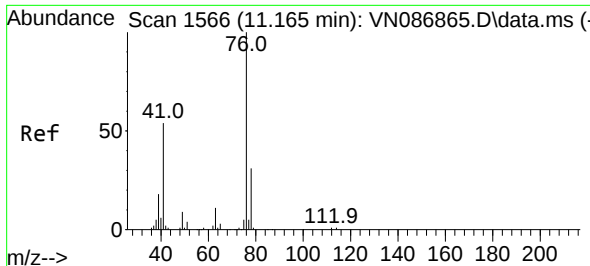
Ion Ratio Lower Upper

69 100

41 56.3 47.2 70.8

39 24.7 23.0 34.6





#57

1,3-Dichloropropane

Concen: 19.236 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN087021.D

Acq: 16 Jun 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01

Tgt Ion: 76 Resp: 7259

Ion Ratio Lower Upper

76 100

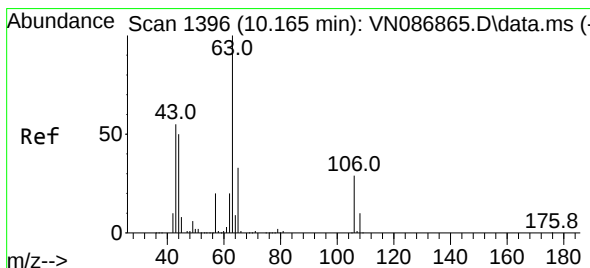
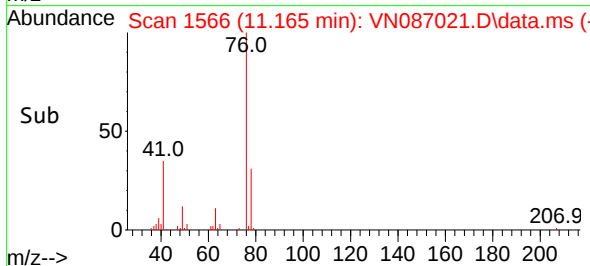
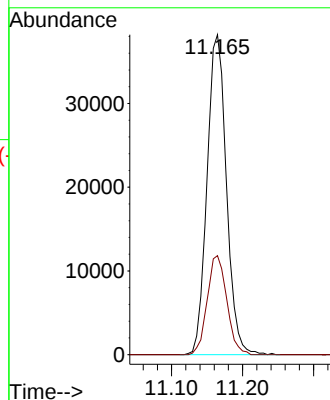
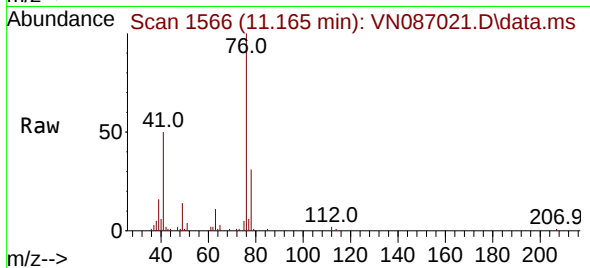
78 31.3 25.3 37.9

Manual Integrations

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Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 87.180 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN087021.D

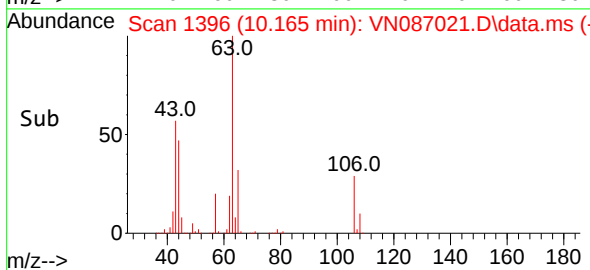
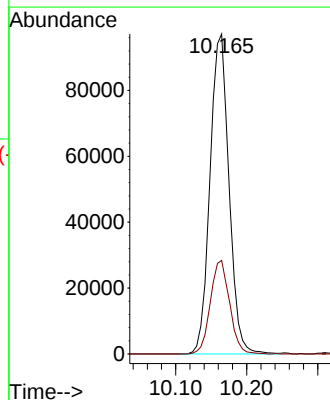
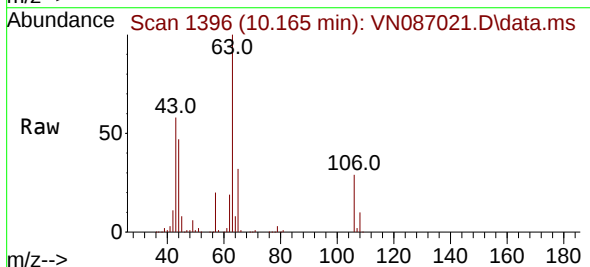
Acq: 16 Jun 2025 11:39

Tgt Ion: 63 Resp: 180185

Ion Ratio Lower Upper

63 100

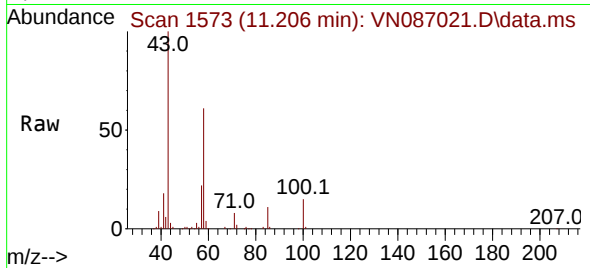
106 29.6 23.0 34.6





#59
2-Hexanone
Concen: 79.562 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

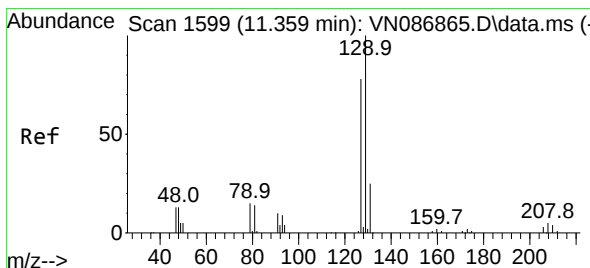
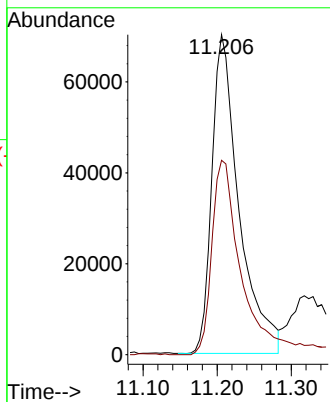
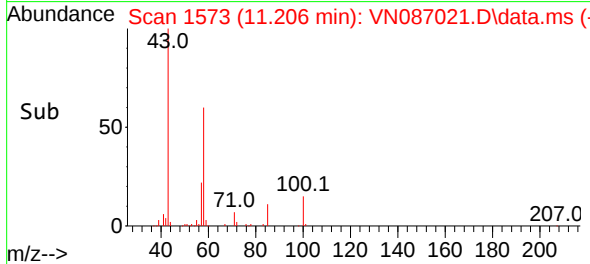
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 43 Resp: 178349
Ion Ratio Lower Upper
43 100
58 68.7 30.4 91.3

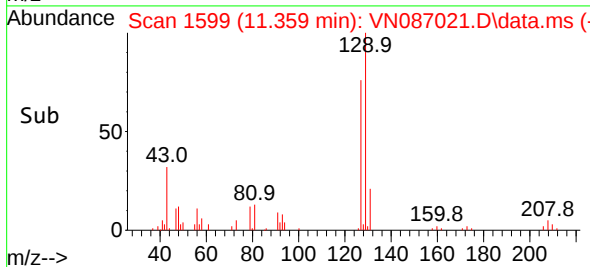
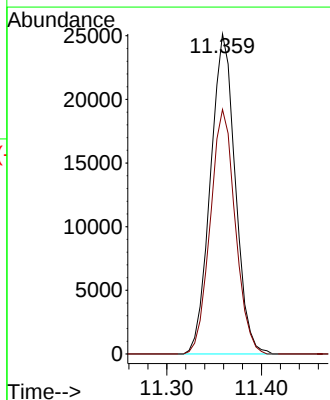
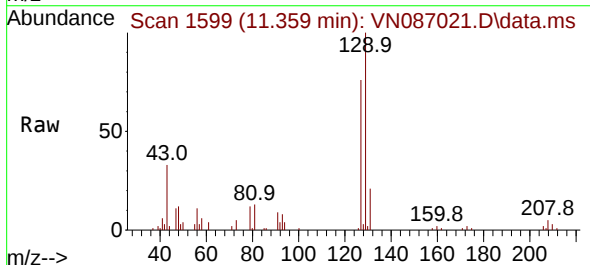
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#60
Dibromochloromethane
Concen: 20.161 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

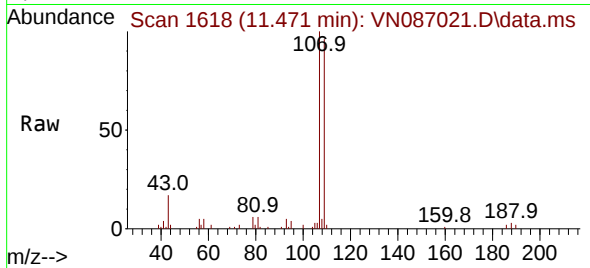
Tgt Ion:129 Resp: 45699
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 19.554 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

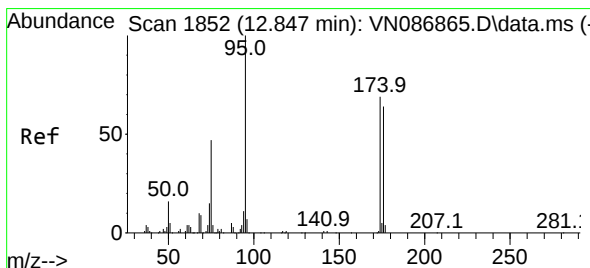
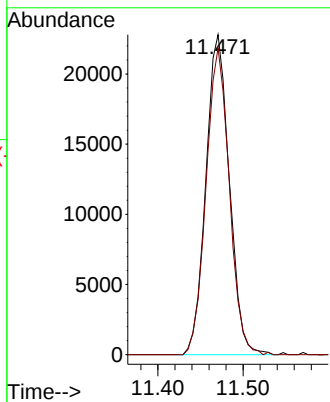
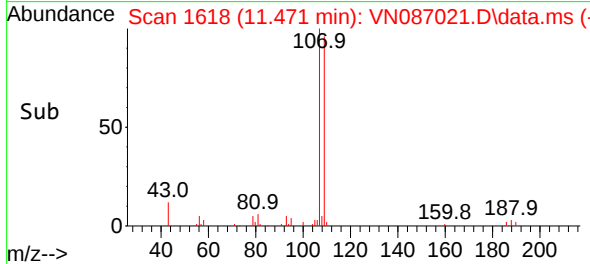
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



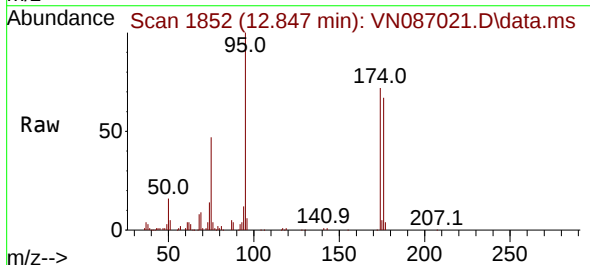
Tgt Ion:107 Resp: 43604
Ion Ratio Lower Upper
107 100
109 94.9 76.3 114.5

Manual Integrations
APPROVED

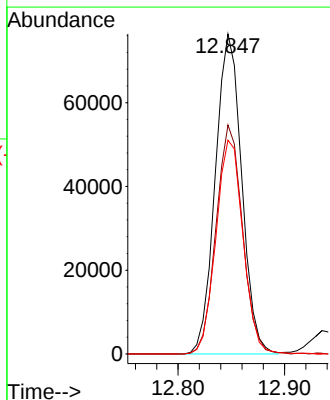
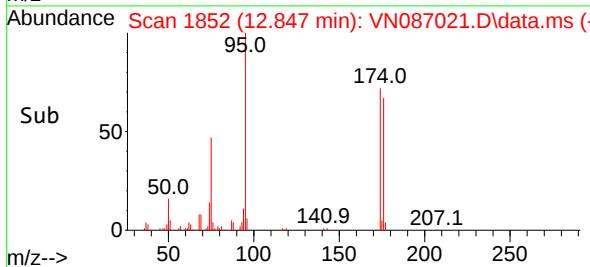
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

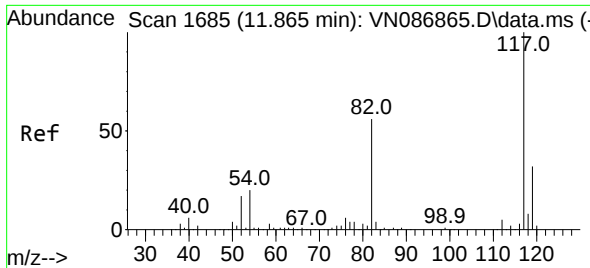


#62
4-Bromofluorobenzene
Concen: 47.036 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39



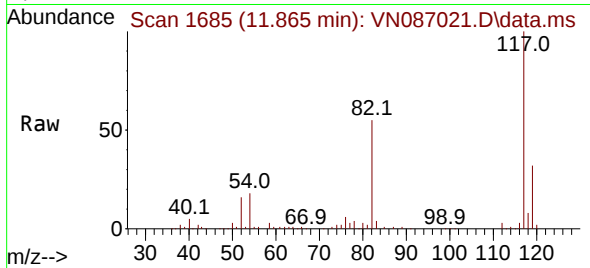
Tgt Ion: 95 Resp: 131353
Ion Ratio Lower Upper
95 100
174 71.5 0.0 141.8
176 68.8 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

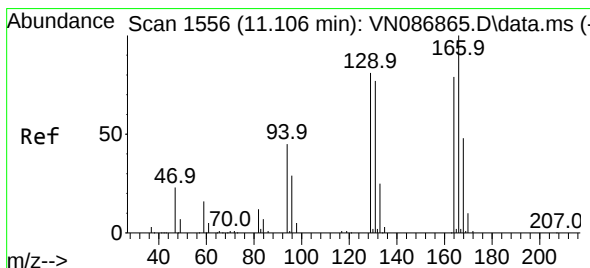
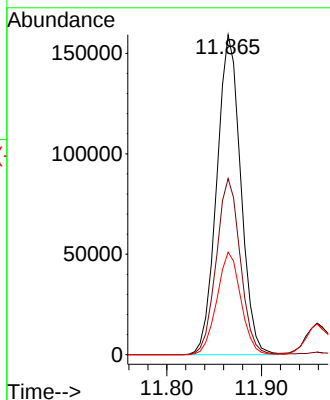
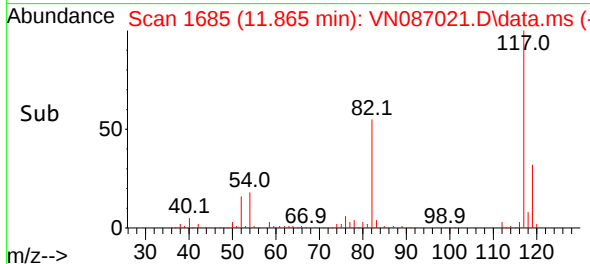
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



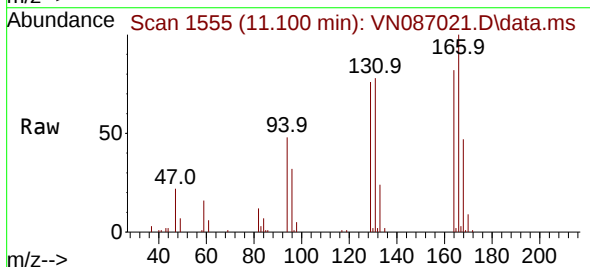
Tgt Ion:117 Resp: 28004
Ion Ratio Lower Upper
117 100
82 55.0 44.6 67.0
119 32.0 25.5 38.3

Manual Integrations
APPROVED

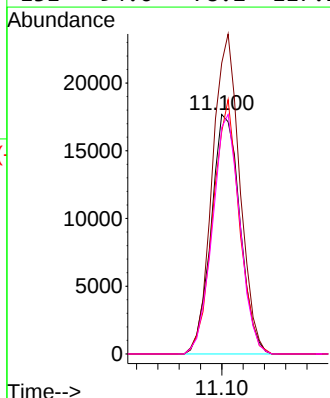
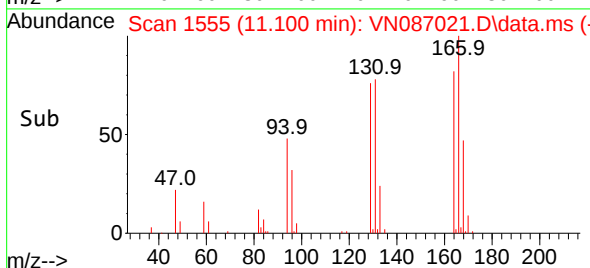
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

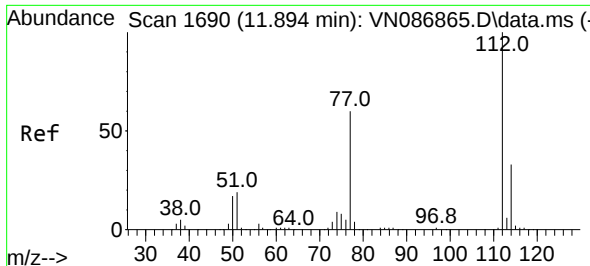


#64
Tetrachloroethene
Concen: 18.670 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39



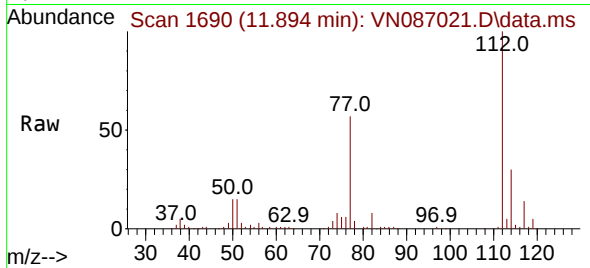
Tgt Ion:164 Resp: 33088
Ion Ratio Lower Upper
164 100
166 121.4 101.8 152.8
129 92.8 83.0 124.4
131 94.6 78.2 117.2





#65
Chlorobenzene
Concen: 19.288 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

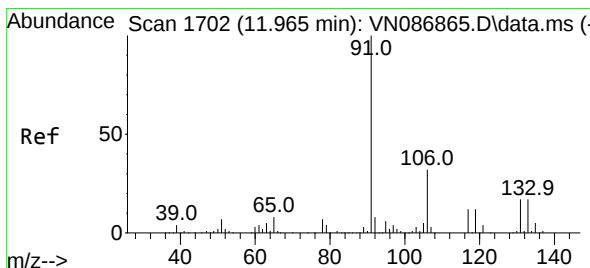
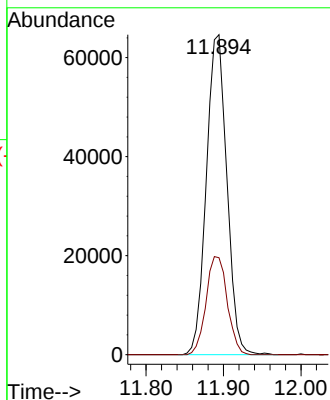
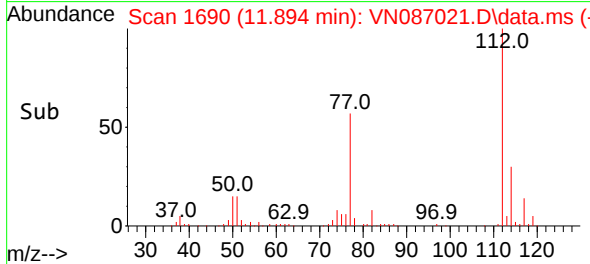
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



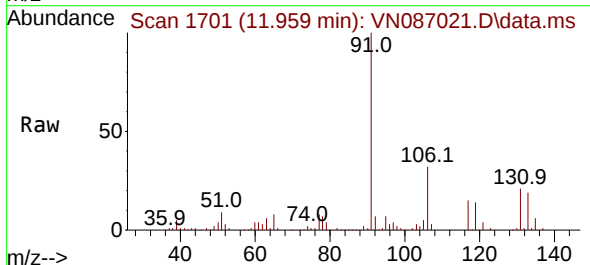
Tgt Ion:112 Resp: 119130
Ion Ratio Lower Upper
112 100
114 30.3 26.2 39.2

Manual Integrations
APPROVED

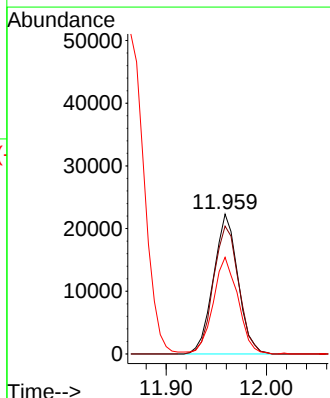
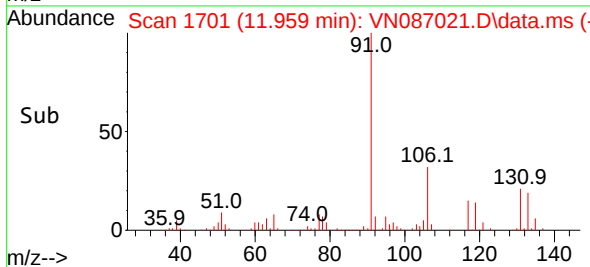
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

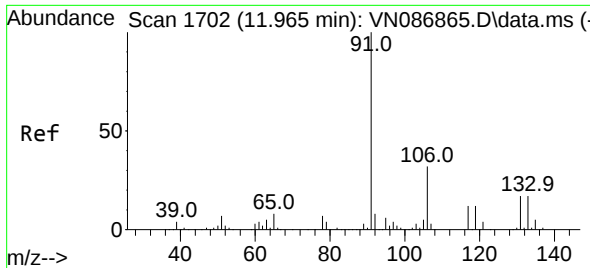


#66
1,1,1,2-Tetrachloroethane
Concen: 19.107 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39



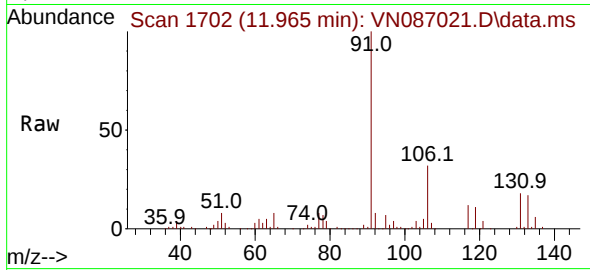
Tgt Ion:131 Resp: 37934
Ion Ratio Lower Upper
131 100
133 94.3 48.3 144.8
119 70.0 34.0 101.8





#67
Ethyl Benzene
Concen: 18.306 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

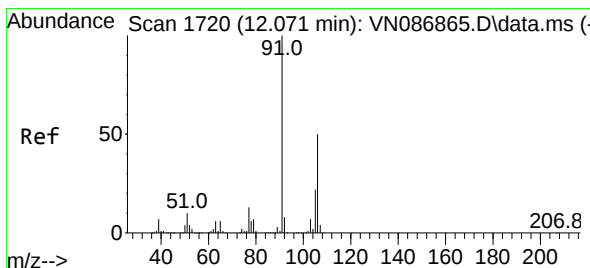
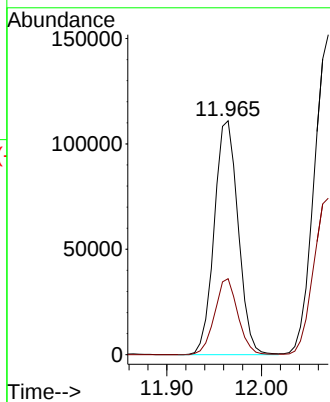
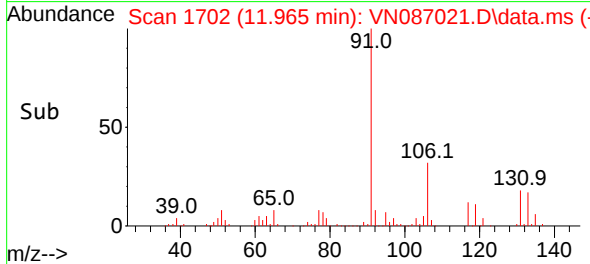
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



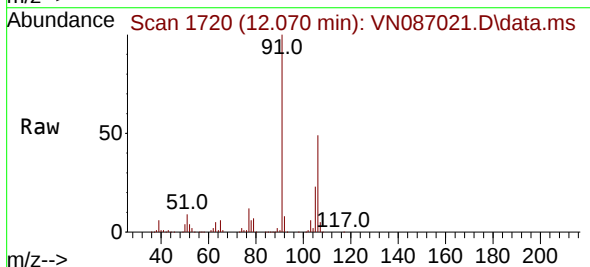
Tgt Ion: 91 Resp: 194748
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.2

Manual Integrations
APPROVED

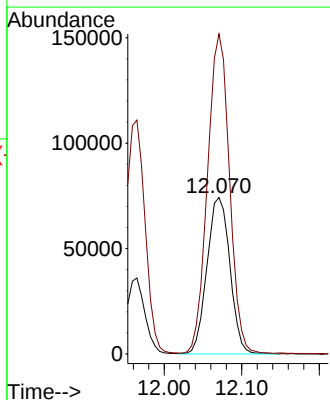
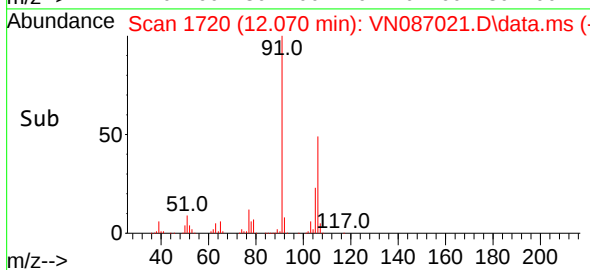
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

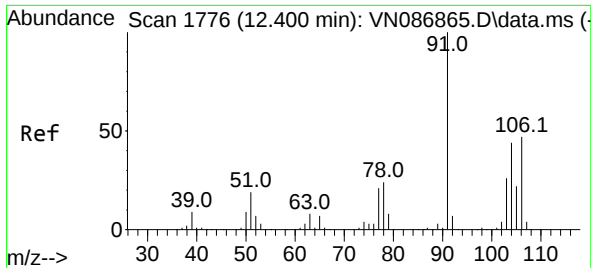


#68
m/p-Xylenes
Concen: 37.522 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39



Tgt Ion:106 Resp: 152809
Ion Ratio Lower Upper
106 100
91 195.6 159.4 239.0





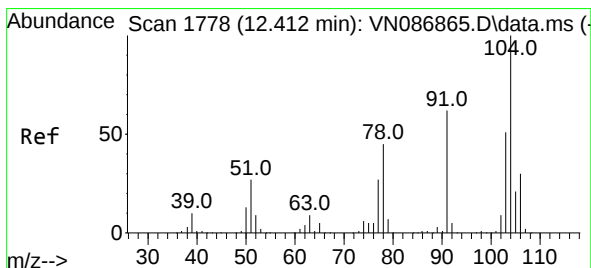
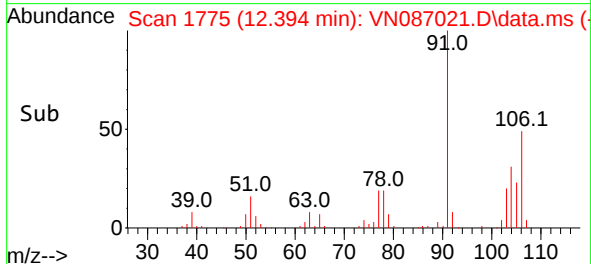
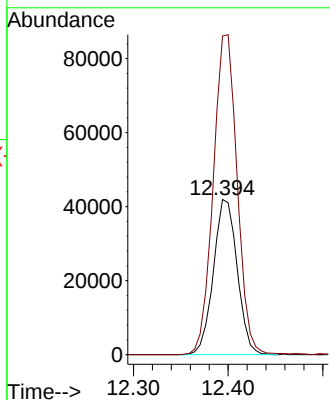
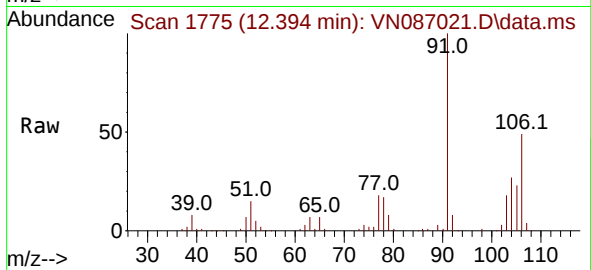
#69
o-Xylene
Concen: 18.787 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion:106 Resp: 73270
Ion Ratio Lower Upper
106 100
91 207.3 106.1 318.1

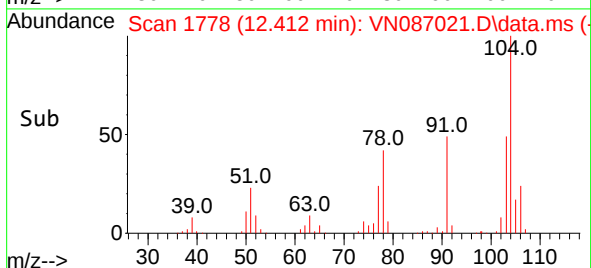
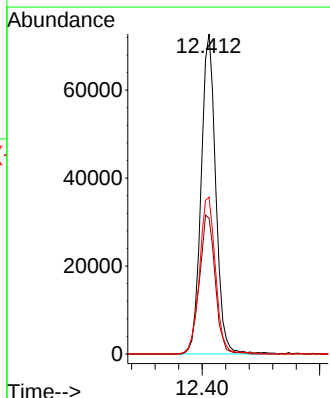
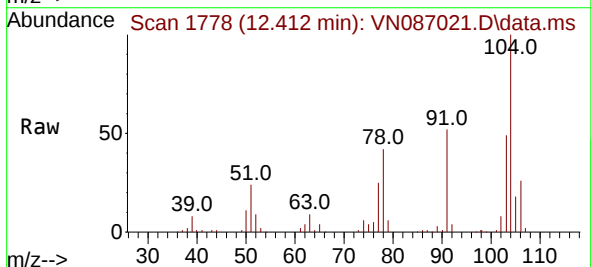
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#70
Styrene
Concen: 18.922 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

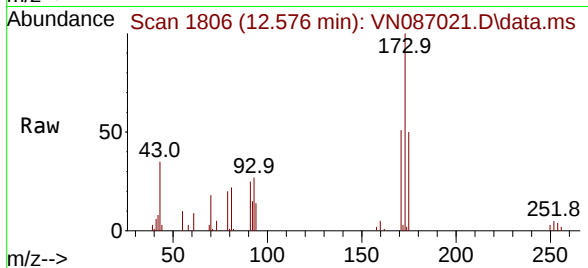
Tgt Ion:104 Resp: 126291
Ion Ratio Lower Upper
104 100
78 46.8 38.5 57.7
103 53.6 43.1 64.7





#71
Bromoform
Concen: 20.085 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

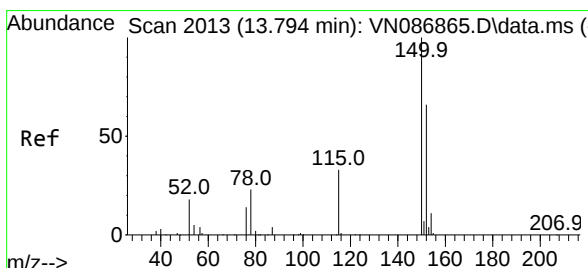
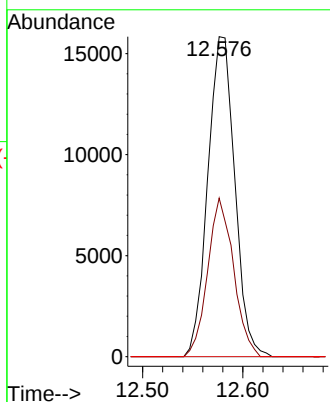
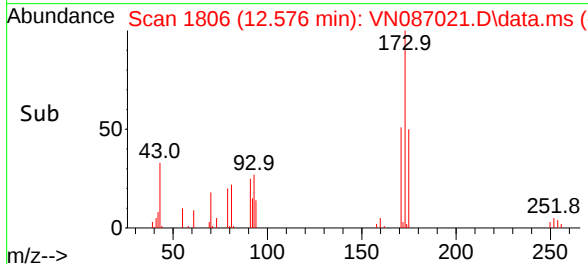
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



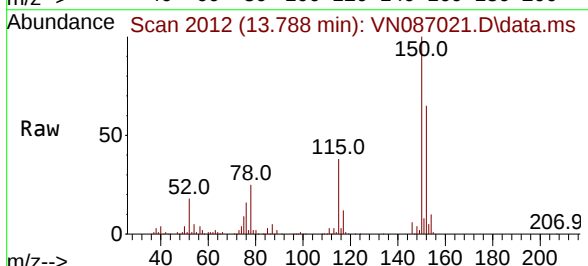
Tgt Ion:173 Resp: 2954
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

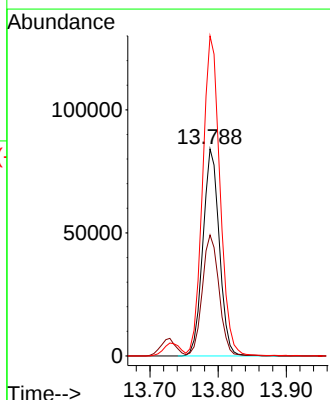
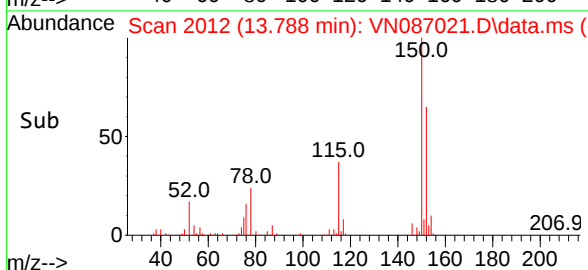
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

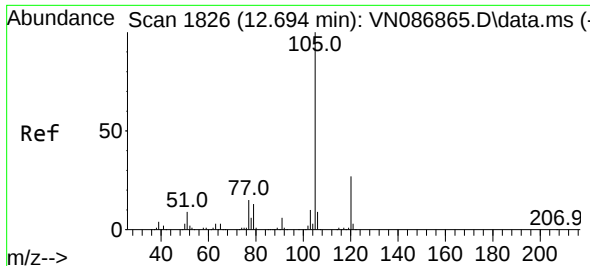


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39



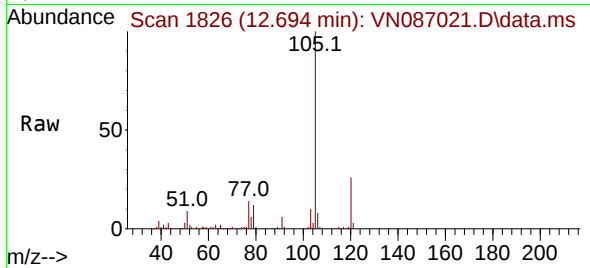
Tgt Ion:152 Resp: 141018
Ion Ratio Lower Upper
152 100
115 59.5 30.1 90.5
150 162.6 0.0 345.0





#73
Isopropylbenzene
Concen: 17.600 ug/l
RT: 12.694 min Scan# 18081
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

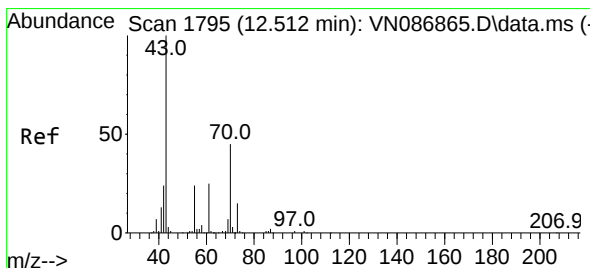
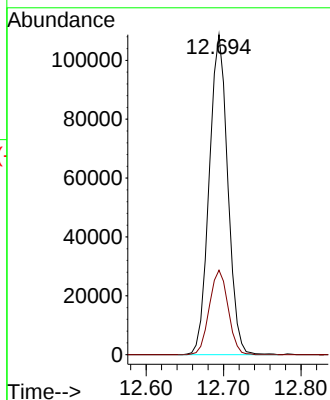
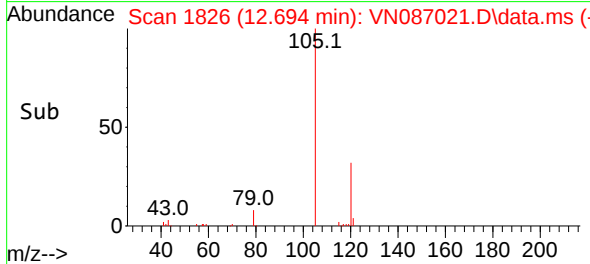
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



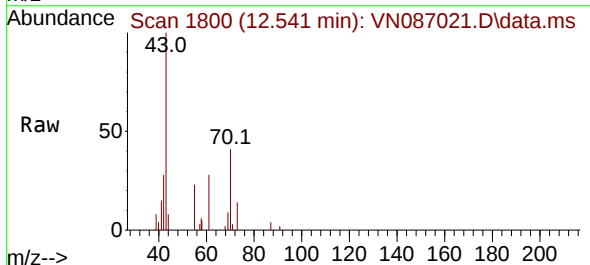
Tgt Ion:105 Resp: 18081
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

Manual Integrations
APPROVED

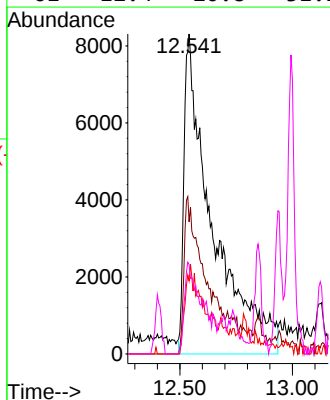
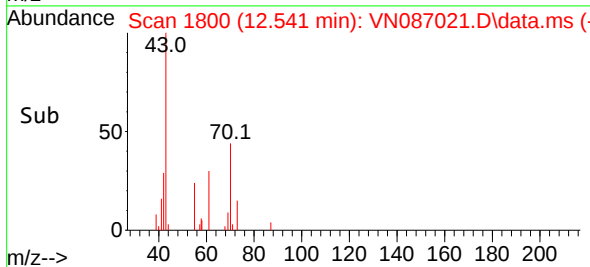
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

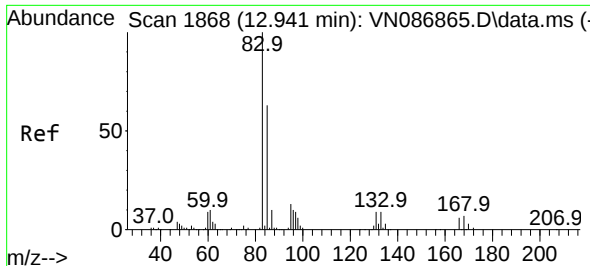


#74
N-ethyl acetate
Concen: 20.212 ug/l m
RT: 12.541 min Scan# 1800
Delta R.T. 0.029 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39



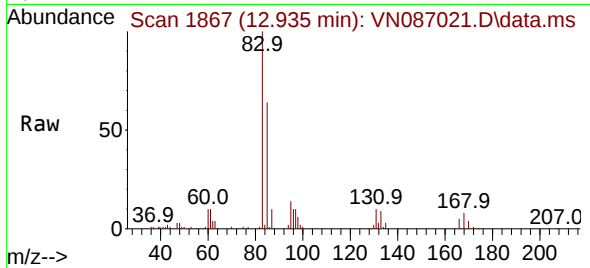
Tgt Ion: 43 Resp: 72559
Ion Ratio Lower Upper
43 100
70 29.2 37.6 56.4#
55 15.8 19.0 28.6#
61 12.4 20.8 31.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.250 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

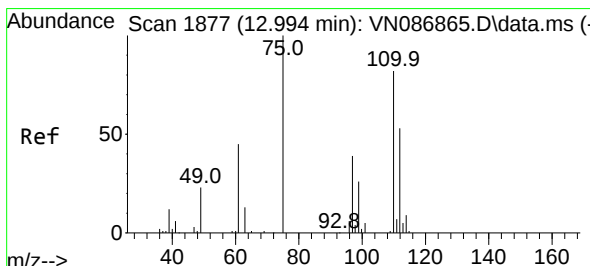
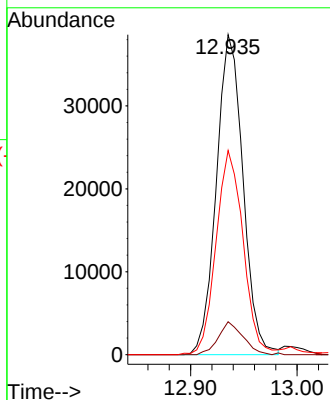
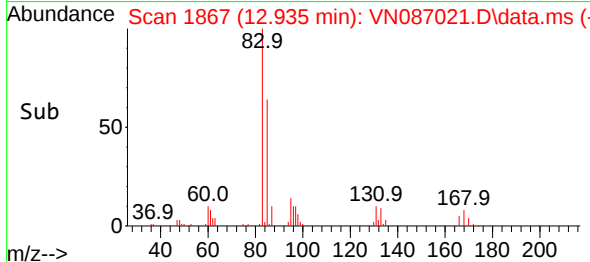
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 83 Resp: 6699
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 64.5 32.0 96.0

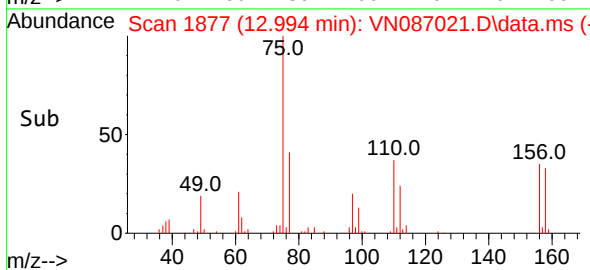
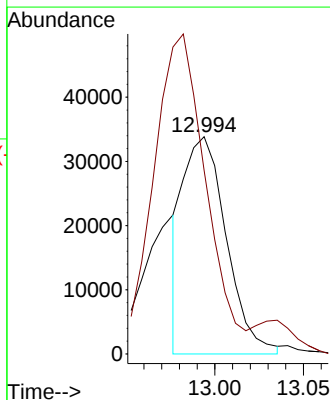
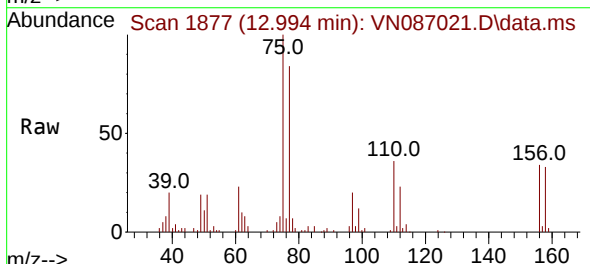
Manual Integrations
APPROVED

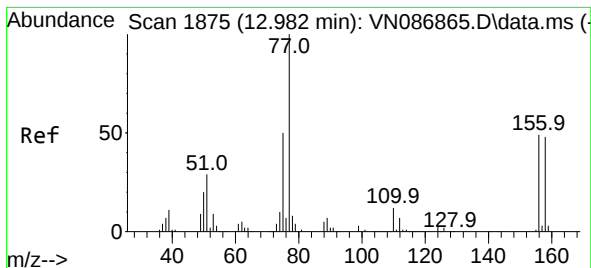
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#76
1,2,3-Trichloropropane
Concen: 17.113 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Tgt Ion: 75 Resp: 57364
Ion Ratio Lower Upper
75 100
77 179.4 79.3 237.9





#77

Bromobenzene

Concen: 19.269 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN087021.D

Acq: 16 Jun 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01

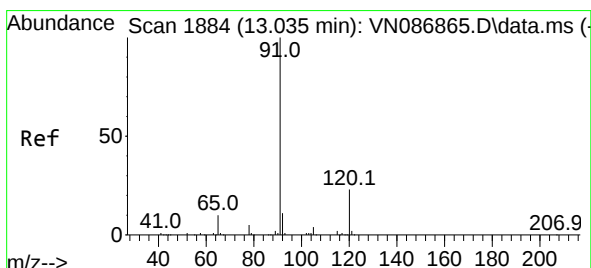
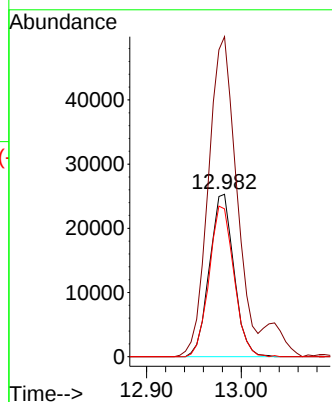
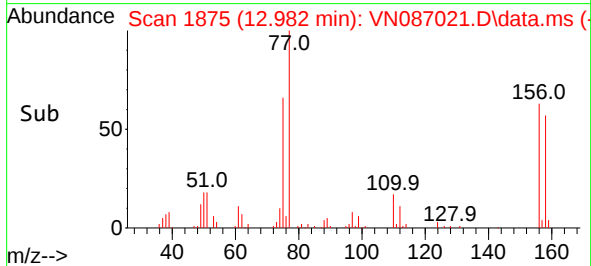
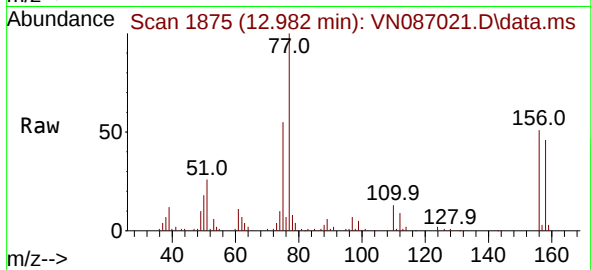
Tgt Ion:156 Resp: 45398
 Ion Ratio Lower Upper
 156 100
 77 226.7 117.7 353.1
 158 94.0 48.1 144.4

Manual Integrations

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Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#78

n-propylbenzene

Concen: 17.126 ug/l

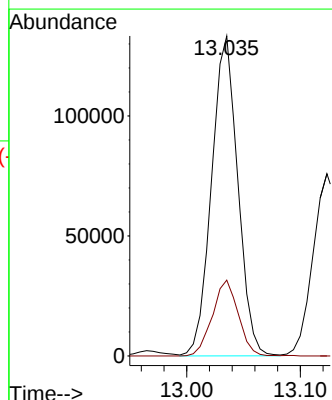
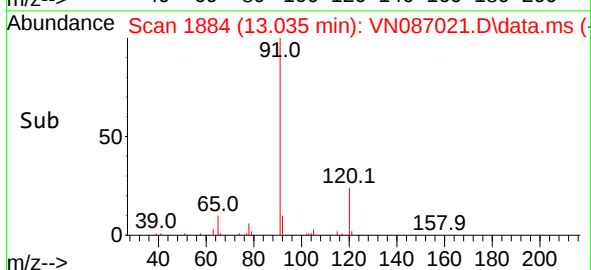
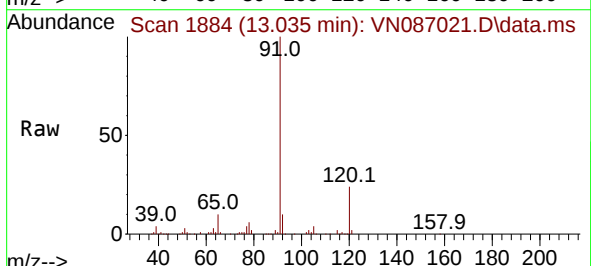
RT: 13.035 min Scan# 1884

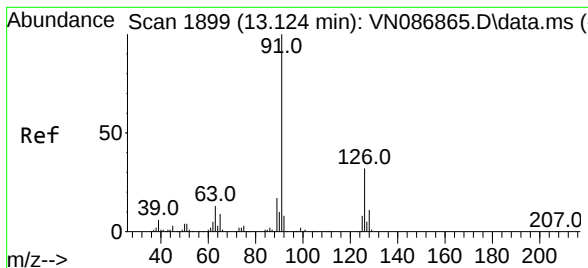
Delta R.T. -0.000 min

Lab File: VN087021.D

Acq: 16 Jun 2025 11:39

Tgt Ion: 91 Resp: 213812
 Ion Ratio Lower Upper
 91 100
 120 23.4 11.4 34.2





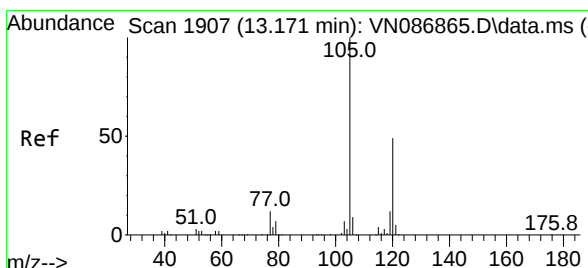
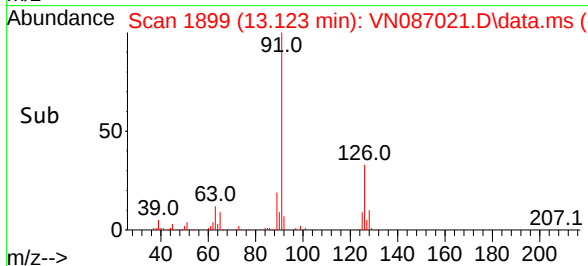
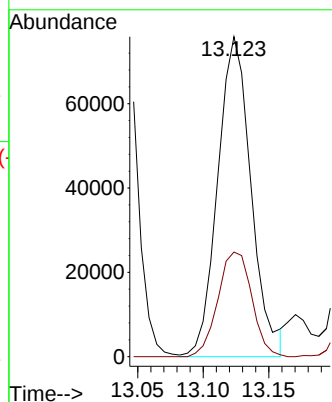
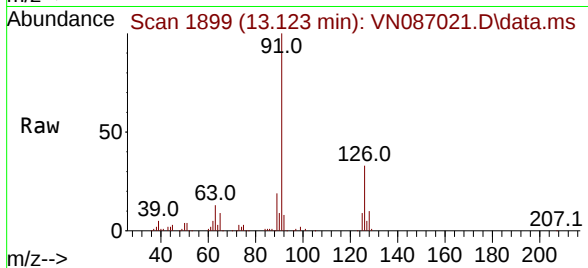
#79
2-Chlorotoluene
Concen: 17.939 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion: 91 Resp: 134312
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.5

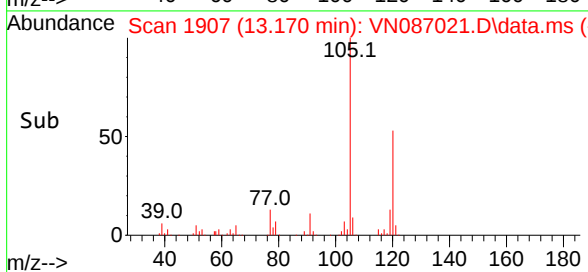
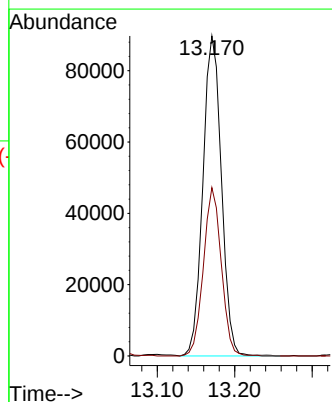
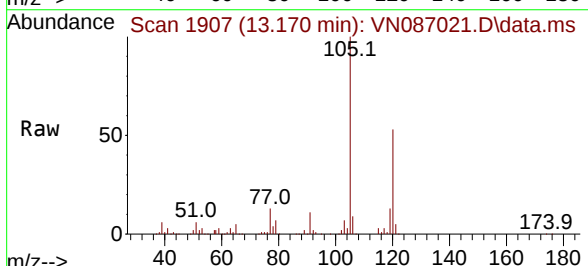
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 17.552 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

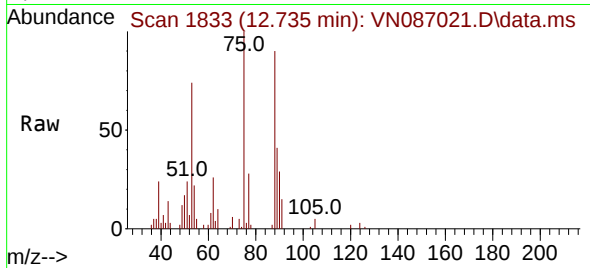
Tgt Ion:105 Resp: 148869
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.462 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

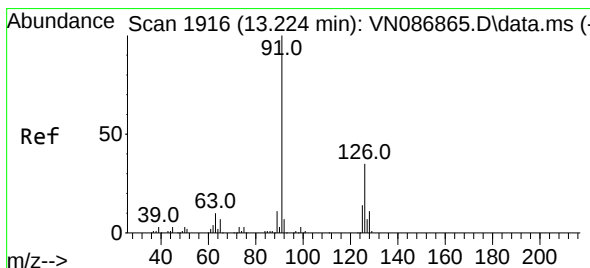
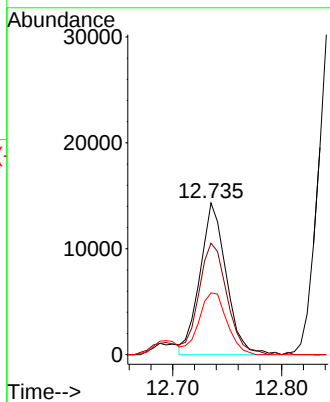
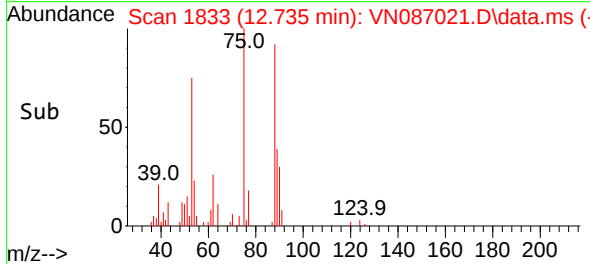
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion: 75 Resp: 2397
Ion Ratio Lower Upper
75 100
53 78.8 66.6 99.8
89 43.8 36.7 55.1

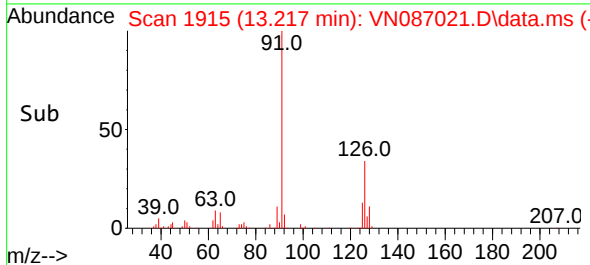
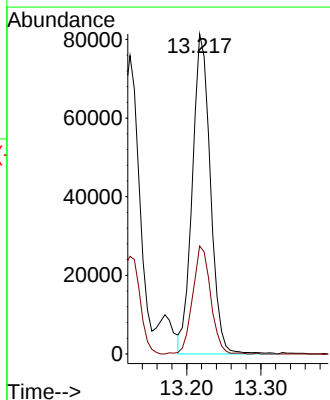
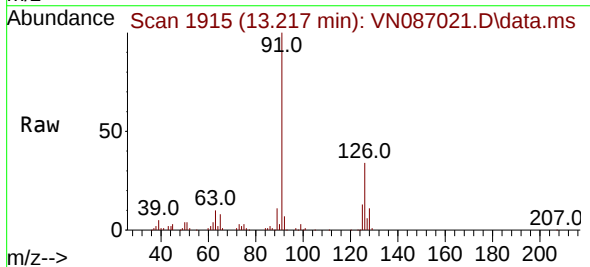
Manual Integrations
APPROVED

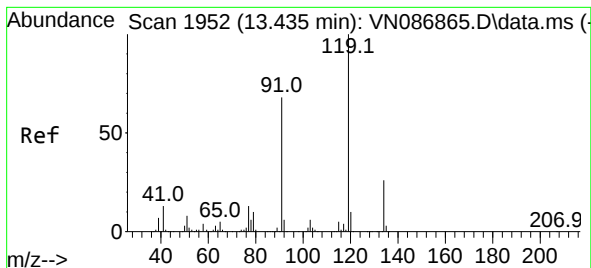
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#82
4-Chlorotoluene
Concen: 18.194 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

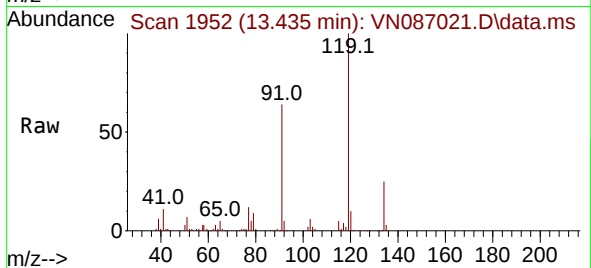
Tgt Ion: 91 Resp: 137837
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.1





#83
tert-Butylbenzene
Concen: 16.127 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

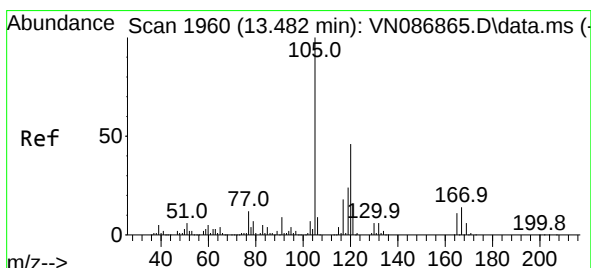
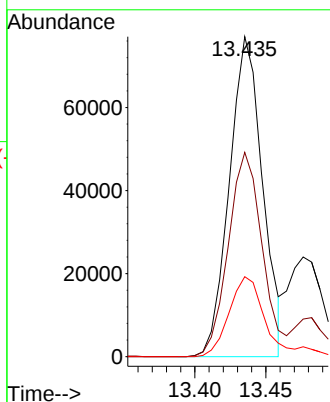
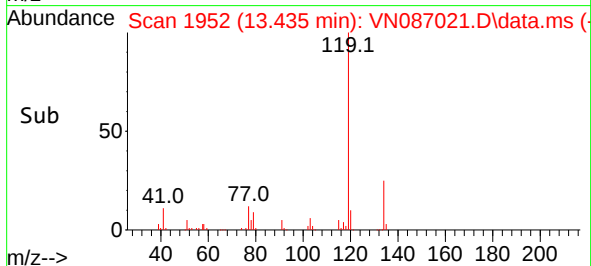
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



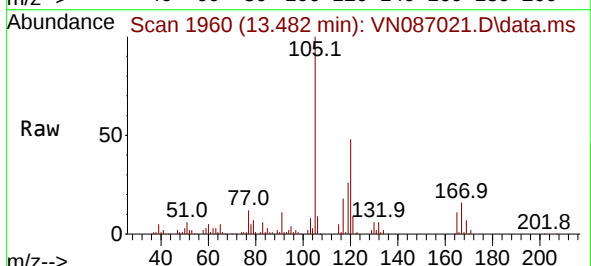
Tgt Ion:119 Resp: 125214
Ion Ratio Lower Upper
119 100
91 65.5 32.1 96.5
134 28.0 13.4 40.1

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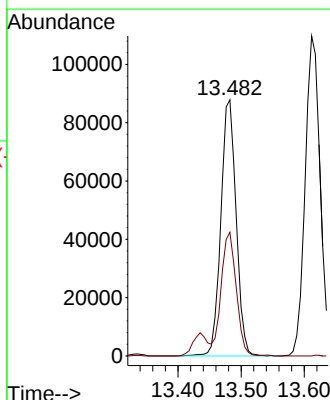
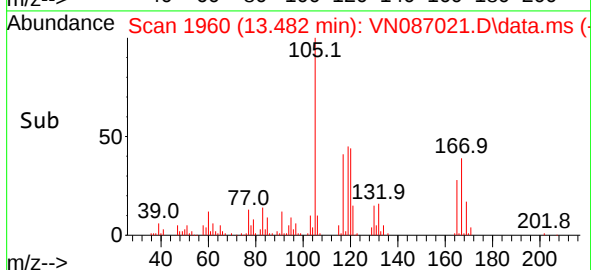
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

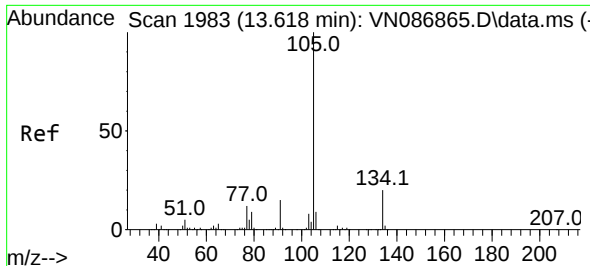


#84
1,2,4-Trimethylbenzene
Concen: 17.400 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39



Tgt Ion:105 Resp: 147988
Ion Ratio Lower Upper
105 100
120 47.4 23.2 69.6





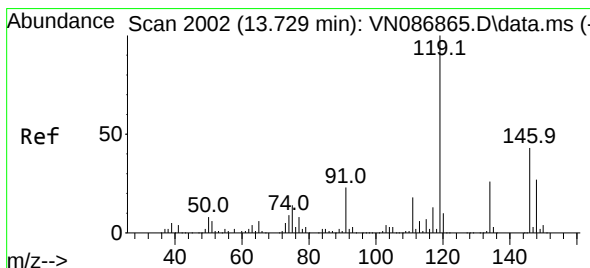
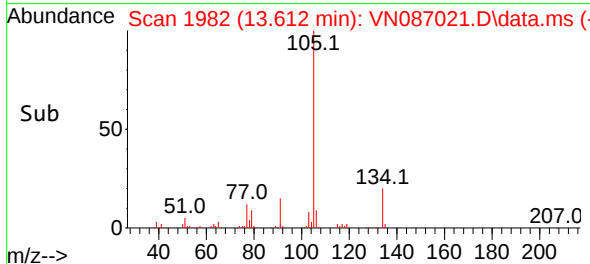
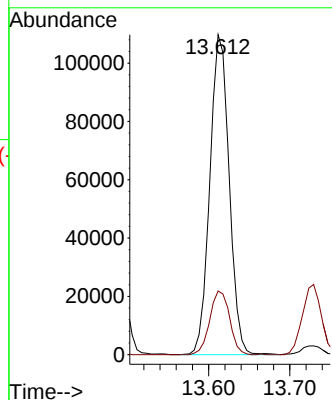
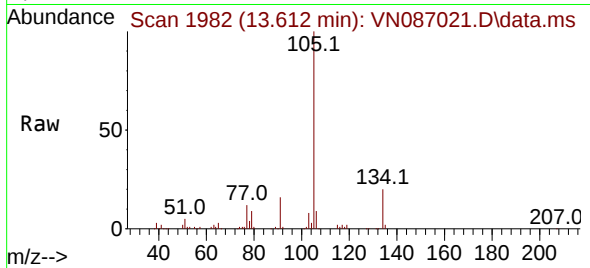
#85
 sec-Butylbenzene
 Concen: 16.080 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087021.D
 Acq: 16 Jun 2025 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0616WBSD01

Tgt Ion:105 Resp: 181308
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.0 30.0

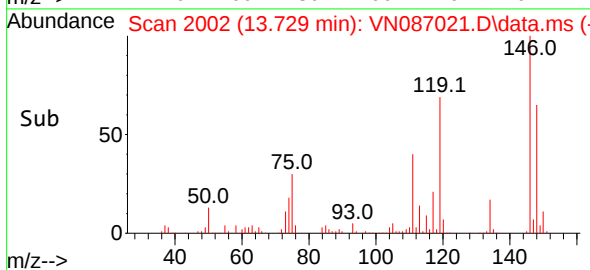
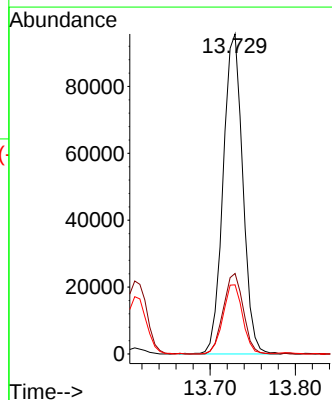
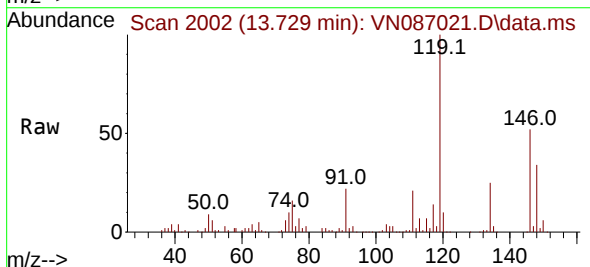
Manual Integrations
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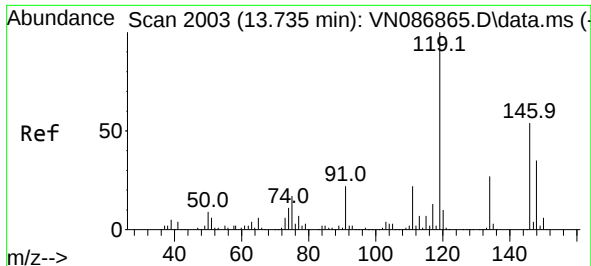
Reviewed By :John Carlone 06/17/2025
 Supervised By :Semsettin Yesilyurt 06/17/2025



#86
 p-Isopropyltoluene
 Concen: 16.419 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN087021.D
 Acq: 16 Jun 2025 11:39

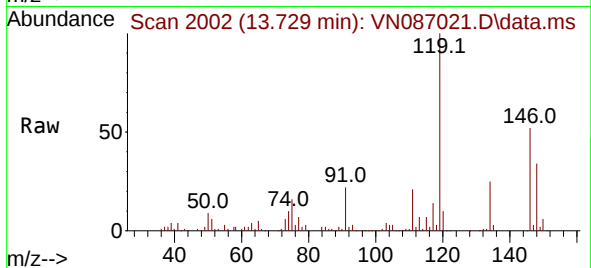
Tgt Ion:119 Resp: 153026
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.5 40.4
 91 21.8 11.5 34.4





#87
1,3-Dichlorobenzene
Concen: 18.791 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

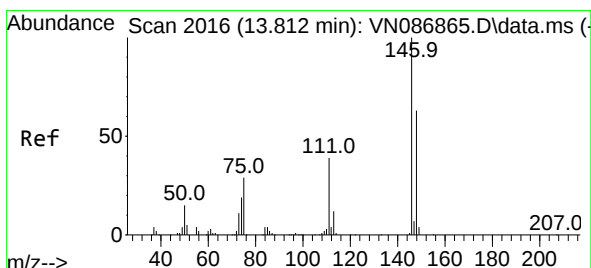
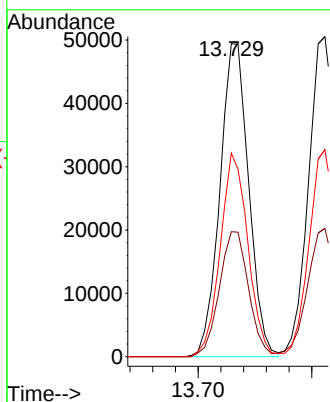
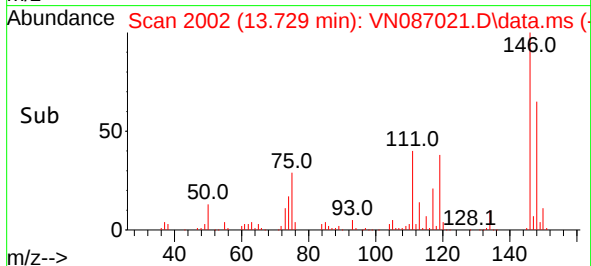
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



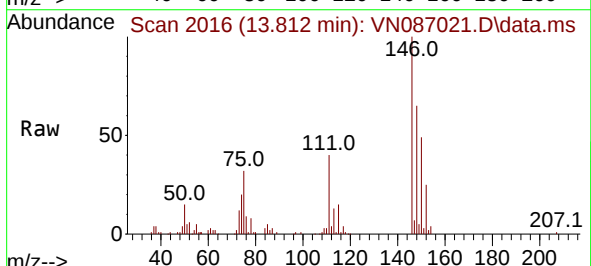
Tgt Ion:146 Resp: 8710
Ion Ratio Lower Upper
146 100
111 40.4 20.9 62.8
148 62.5 32.0 96.2

Manual Integrations
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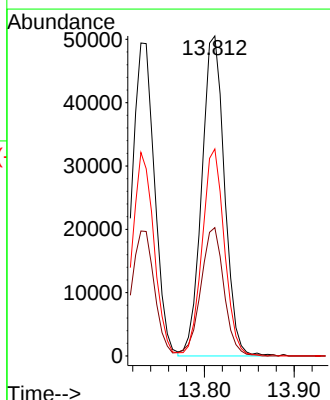
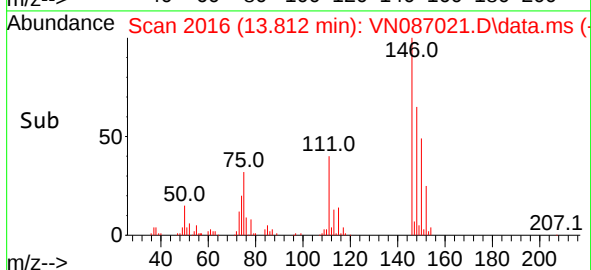
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

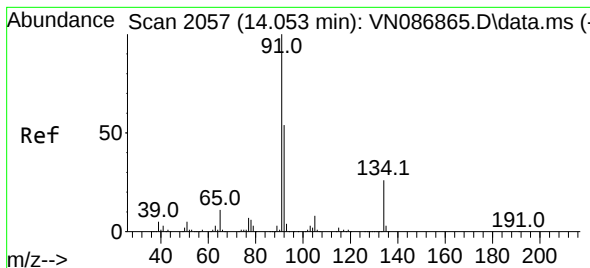


#88
1,4-Dichlorobenzene
Concen: 18.831 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39



Tgt Ion:146 Resp: 88993
Ion Ratio Lower Upper
146 100
111 40.7 19.9 59.7
148 63.2 31.8 95.4





#89

n-Butylbenzene

Concen: 15.423 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN087021.D

Acq: 16 Jun 2025 11:39

Instrument :

MSVOA_N

ClientSampleId :

VN0616WBSD01

Tgt Ion: 91 Resp: 139239

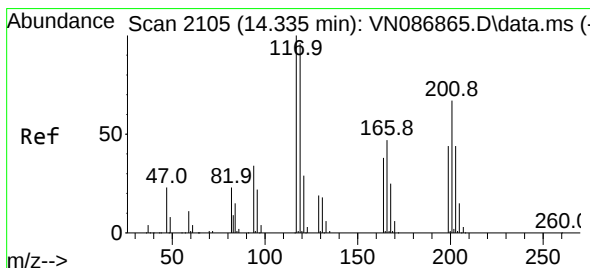
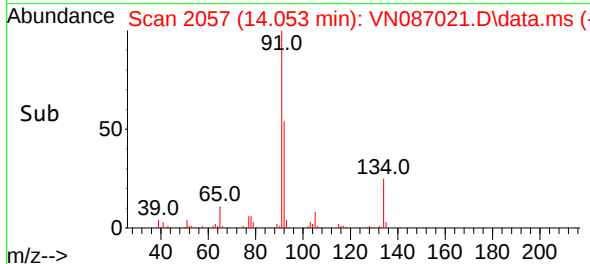
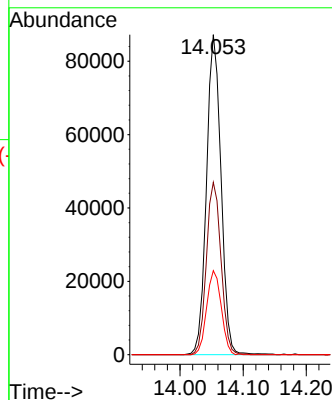
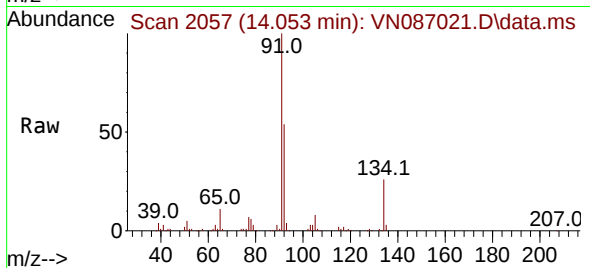
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.5	82.4
134	26.4	13.0	39.0

Manual Integrations

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Reviewed By :John Carlone 06/17/2025

Supervised By :Semsettin Yesilyurt 06/17/2025



#90

Hexachloroethane

Concen: 16.717 ug/l

RT: 14.329 min Scan# 2104

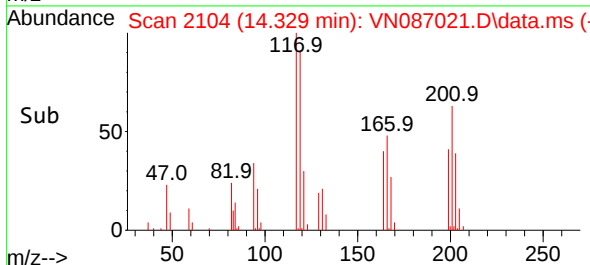
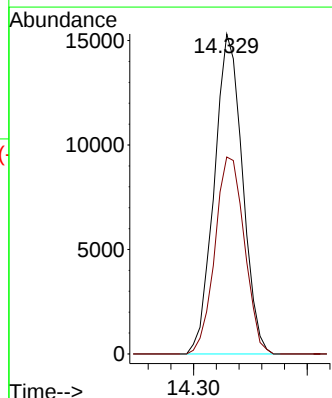
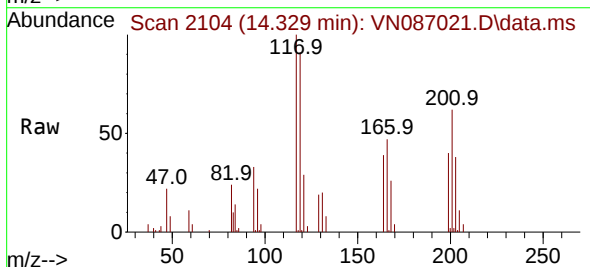
Delta R.T. -0.006 min

Lab File: VN087021.D

Acq: 16 Jun 2025 11:39

Tgt Ion:117 Resp: 26411

Ion	Ratio	Lower	Upper
117	100		
201	64.4	33.2	99.6





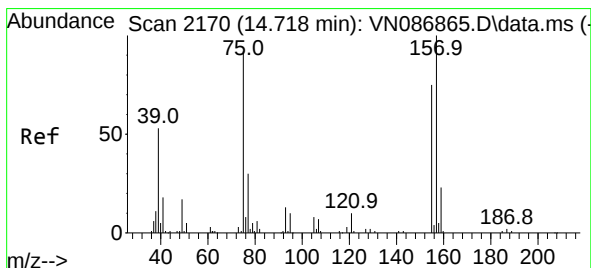
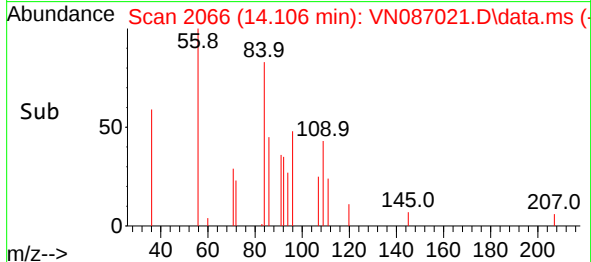
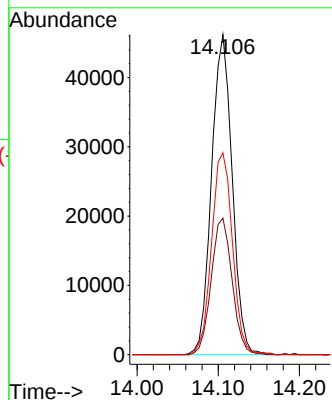
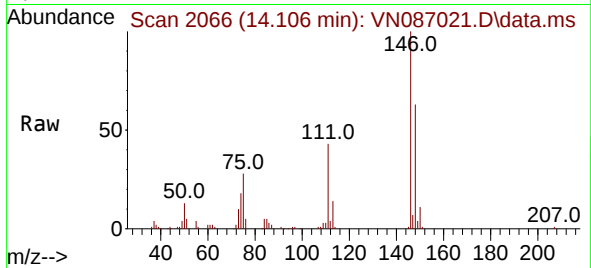
#91
1,2-Dichlorobenzene
Concen: 18.328 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01

Tgt Ion:	146	Resp:	8162
Ion Ratio	Lower	Upper	
146	100		
111	43.1	21.6	64.6
148	64.0	31.7	95.1

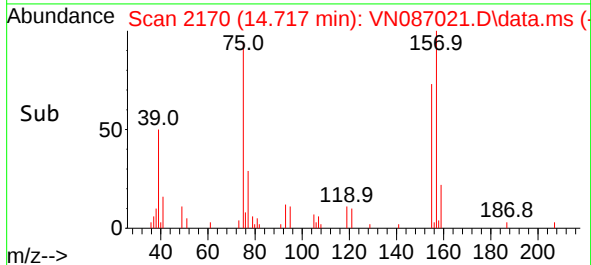
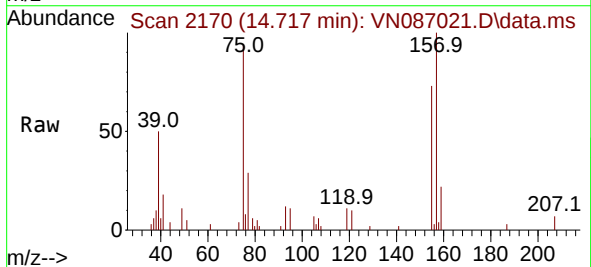
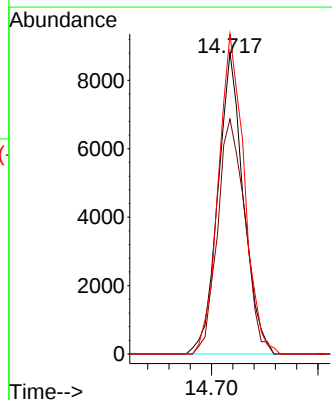
Manual Integrations
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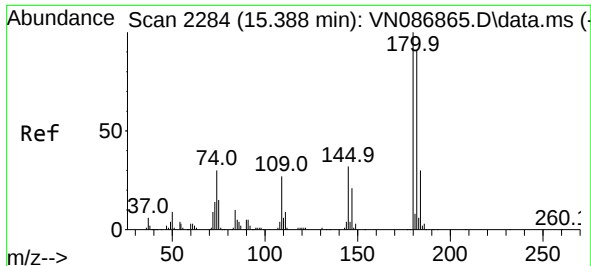
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.573 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

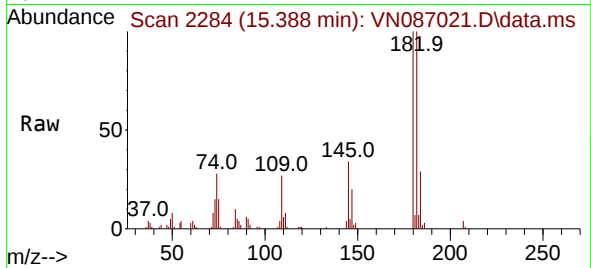
Tgt Ion:	75	Resp:	14627
Ion Ratio	Lower	Upper	
75	100		
155	83.9	41.1	123.4
157	107.4	52.7	158.1





#93
1,2,4-Trichlorobenzene
Concen: 16.771 ug/l
RT: 15.388 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

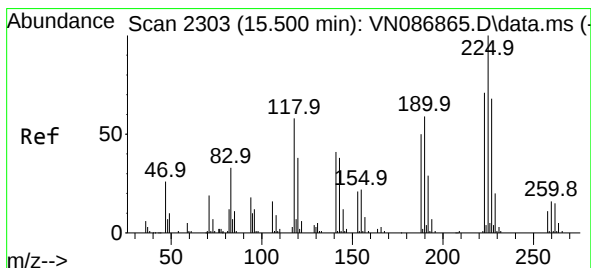
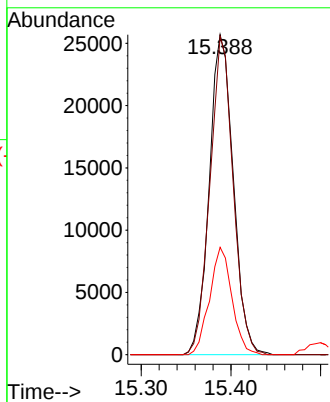
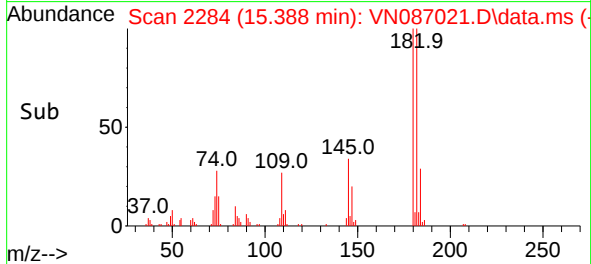
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



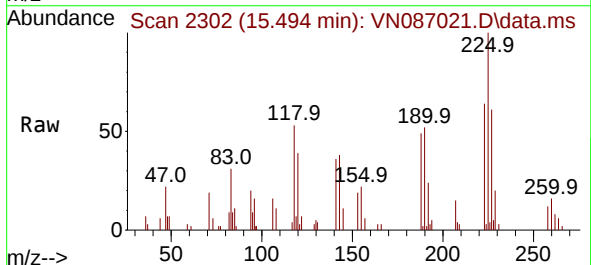
Tgt Ion:180 Resp: 47692
Ion Ratio Lower Upper
180 100
182 95.9 46.9 140.7
145 31.3 16.0 47.9

Manual Integrations
APPROVED

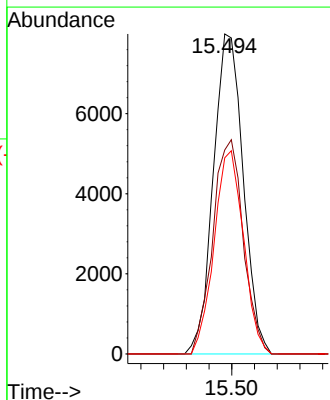
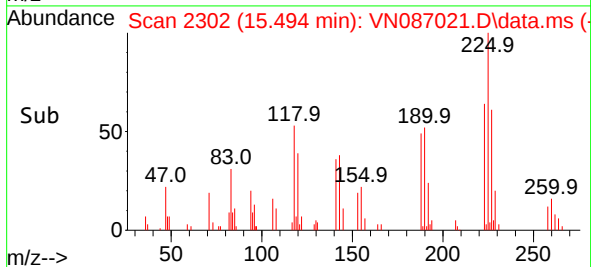
Reviewed By :John Carlone 06/17/2025
Supervised By :Semsettin Yesilyurt 06/17/2025

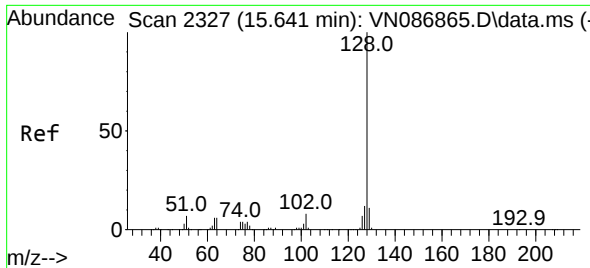


#94
Hexachlorobutadiene
Concen: 13.761 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39



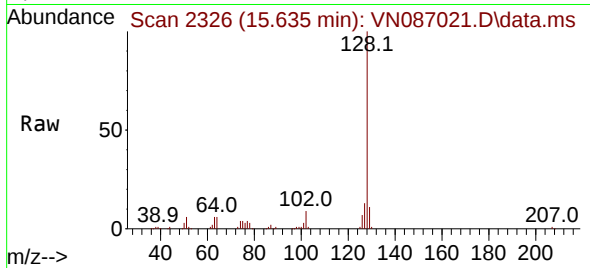
Tgt Ion:225 Resp: 14580
Ion Ratio Lower Upper
225 100
223 68.4 33.5 100.4
227 62.5 31.1 93.5





#95
Naphthalene
Concen: 17.477 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

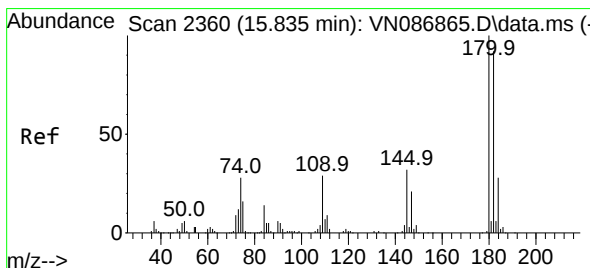
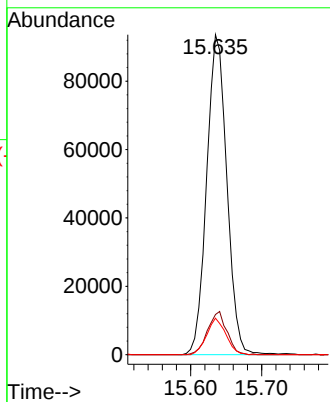
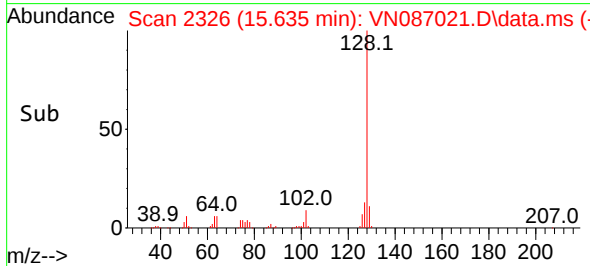
Instrument :
MSVOA_N
ClientSampleId :
VN0616WBSD01



Tgt Ion:128 Resp: 184994
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.8 13.2

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#96
1,2,3-Trichlorobenzene
Concen: 16.063 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN087021.D
Acq: 16 Jun 2025 11:39

Tgt Ion:180 Resp: 45386
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.0
145 34.7 16.6 49.8

