

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
 Data File : VN088145.D
 Acq On : 28 Oct 2025 17:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/29/2025
 Supervised By : Semsettin Yesilyurt 10/29/2025

Quant Time: Oct 29 02:29:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	341596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	622789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	541419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	275555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	293756	49.731	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.460%		
35) Dibromofluoromethane	8.147	113	202178	48.322	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.640%		
50) Toluene-d8	10.547	98	754821	46.821	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.640%		
62) 4-Bromofluorobenzene	12.823	95	281684	49.475	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.940%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	187204	48.584	ug/l	100
3) Chloromethane	2.383	50	193619	42.712	ug/l	98
4) Vinyl Chloride	2.536	62	233214	47.217	ug/l	97
5) Bromomethane	2.971	94	120269	40.710	ug/l	97
6) Chloroethane	3.136	64	150029	42.159	ug/l	98
7) Trichlorofluoromethane	3.512	101	357576	45.390	ug/l	99
8) Diethyl Ether	3.965	74	132899	45.391	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	196040	48.226	ug/l	98
10) Methyl Iodide	4.583	142	157741	40.245	ug/l	97
11) Tert butyl alcohol	5.524	59	235260	231.184	ug/l	99
12) 1,1-Dichloroethene	4.336	96	187906	43.765	ug/l	92
13) Acrolein	4.177	56	374008	326.742	ug/l	100
14) Allyl chloride	5.012	41	352751	46.874	ug/l	96
15) Acrylonitrile	5.706	53	672412	242.575	ug/l	99
16) Acetone	4.424	43	648506	218.533	ug/l	99
17) Carbon Disulfide	4.706	76	568597	43.566	ug/l	98
18) Methyl Acetate	5.018	43	306623	50.470	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	766200	48.593	ug/l	98
20) Methylene Chloride	5.271	84	225440	48.827	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	213473	45.297	ug/l	97
22) Diisopropyl ether	6.659	45	783398	49.499	ug/l	98
23) Vinyl Acetate	6.588	43	3609083	253.158	ug/l	98
24) 1,1-Dichloroethane	6.553	63	429540	48.996	ug/l	97
25) 2-Butanone	7.471	43	951041	243.184	ug/l	97
26) 2,2-Dichloropropane	7.477	77	370434	46.496	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	255892	47.166	ug/l	95
28) Bromochloromethane	7.794	49	187144	45.178	ug/l	98
29) Tetrahydrofuran	7.824	42	609946	239.319	ug/l	99
30) Chloroform	7.947	83	428058	48.875	ug/l	98
31) Cyclohexane	8.241	56	388974	47.043	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	381386	48.892	ug/l	98
36) 1,1-Dichloropropene	8.353	75	315178	51.592	ug/l	99
37) Ethyl Acetate	7.547	43	390856	49.579	ug/l	98
38) Carbon Tetrachloride	8.347	117	321287	50.920	ug/l	98
39) Methylcyclohexane	9.576	83	387414	49.337	ug/l	99
40) Benzene	8.588	78	904169	48.599	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	206768	49.833	ug/l	99
42) 1,2-Dichloroethane	8.653	62	353002	53.400	ug/l	98
43) Isopropyl Acetate	8.671	43	620937	51.258	ug/l	98
44) Trichloroethene	9.335	130	209432	48.160	ug/l	100
45) 1,2-Dichloropropane	9.600	63	236583	50.370	ug/l	98
46) Dibromomethane	9.688	93	168362	50.259	ug/l	99
47) Bromodichloromethane	9.865	83	340400	50.754	ug/l	97
48) Methyl methacrylate	9.665	41	296201	52.961	ug/l	100
49) 1,4-Dioxane	9.676	88	66695	958.809	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	1888971	263.583	ug/l	100
52) Toluene	10.606	92	565319	49.284	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	363648	50.944	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	387360	51.139	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	211366	48.569	ug/l	97
56) Ethyl methacrylate	10.853	69	369474	53.650	ug/l	98
57) 1,3-Dichloropropane	11.141	76	383708	50.163	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	1030178	287.581	ug/l	100
59) 2-Hexanone	11.176	43	1283483	269.974	ug/l	99
60) Dibromochloromethane	11.335	129	241293	48.782	ug/l	98
61) 1,2-Dibromoethane	11.447	107	221307	49.413	ug/l	99
64) Tetrachloroethene	11.082	164	172510	48.305	ug/l	96
65) Chlorobenzene	11.870	112	601433	48.921	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.935	131	203410	50.502	ug/l	99
67) Ethyl Benzene	11.941	91	1106669	51.283	ug/l	100
68) m/p-Xylenes	12.047	106	828815	102.506	ug/l	99
69) o-Xylene	12.376	106	391095	51.025	ug/l	98
70) Styrene	12.388	104	668213	53.462	ug/l	97
71) Bromoform	12.559	173	154081	51.261	ug/l #	97
73) Isopropylbenzene	12.670	105	1051586	49.480	ug/l	100
74) N-amyl acetate	12.500	43	254341	42.157	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.917	83	321059	48.523	ug/l	100
76) 1,2,3-Trichloropropane	12.970	75	306833m	48.703	ug/l	
77) Bromobenzene	12.959	156	230150	50.219	ug/l	96
78) n-propylbenzene	13.012	91	1310813	50.541	ug/l	100
79) 2-Chlorotoluene	13.100	91	770312	52.081	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	904851	51.265	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	101621	44.996	ug/l	96
82) 4-Chlorotoluene	13.200	91	794390	49.643	ug/l	99
83) tert-Butylbenzene	13.412	119	784586	49.760	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	908644	51.453	ug/l	98
85) sec-Butylbenzene	13.594	105	1152157	49.736	ug/l	100
86) p-Isopropyltoluene	13.706	119	950994	51.174	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	450467	49.237	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	459228	46.734	ug/l	98
89) n-Butylbenzene	14.035	91	924206	50.208	ug/l	99
90) Hexachloroethane	14.306	117	171641	47.695	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	425729	48.274	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	76862	49.909	ug/l	94
93) 1,2,4-Trichlorobenzene	15.364	180	255348	47.809	ug/l	99
94) Hexachlorobutadiene	15.476	225	100581	50.570	ug/l	98
95) Naphthalene	15.611	128	890531	48.671	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	247199	48.270	ug/l	99

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

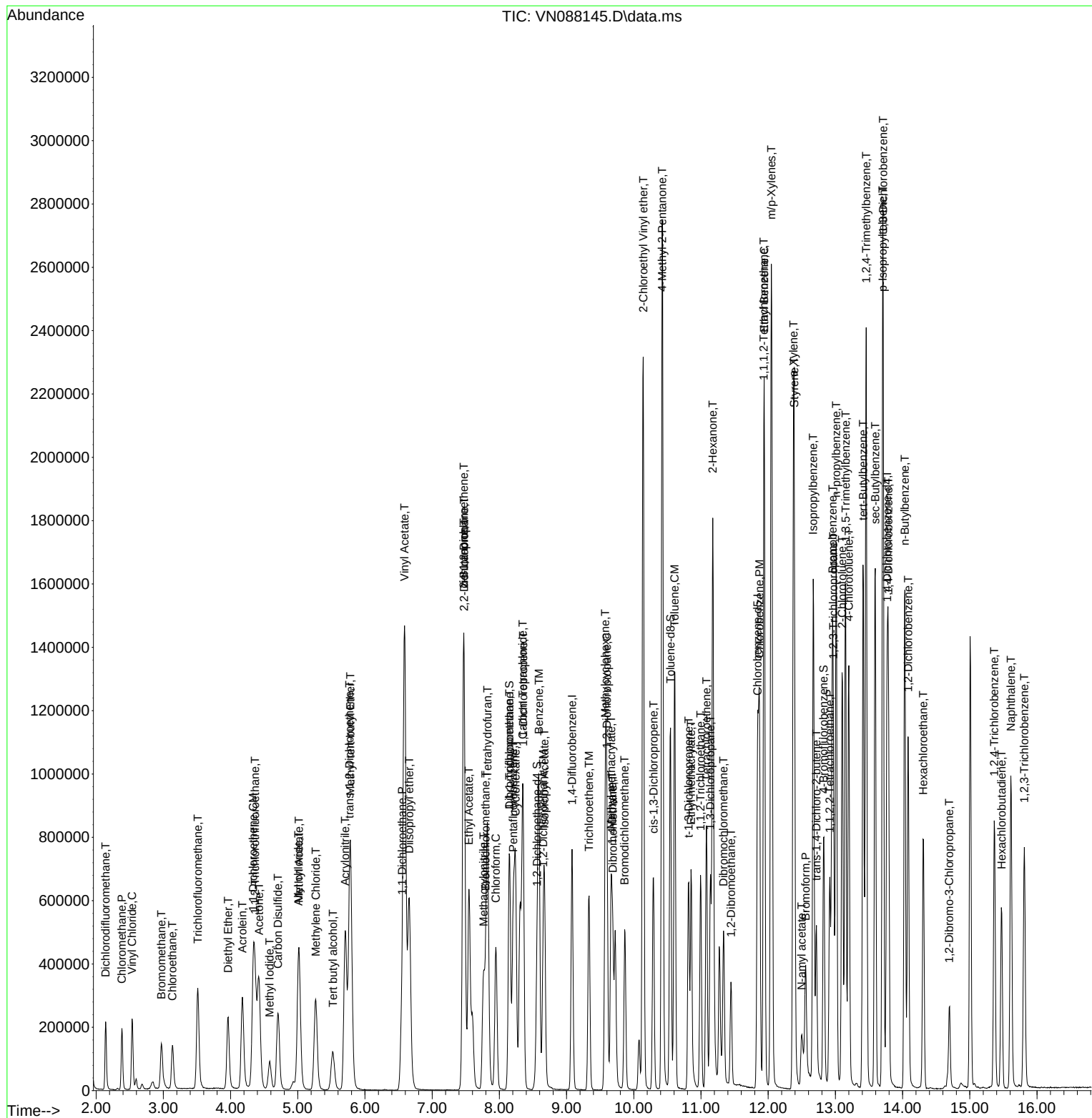
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
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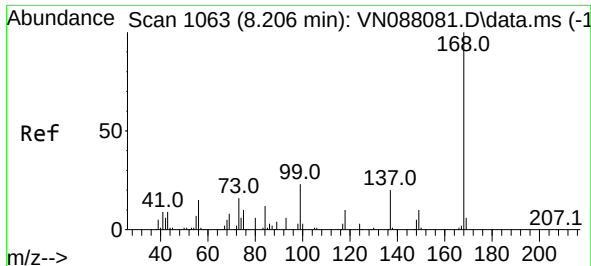
Instrument :
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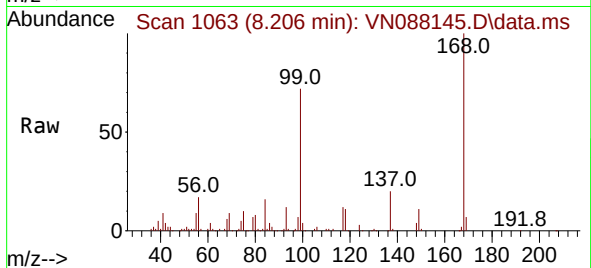
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088145.D
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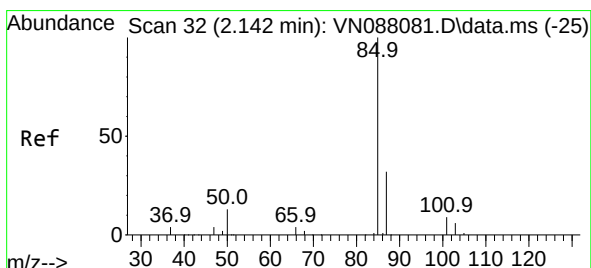
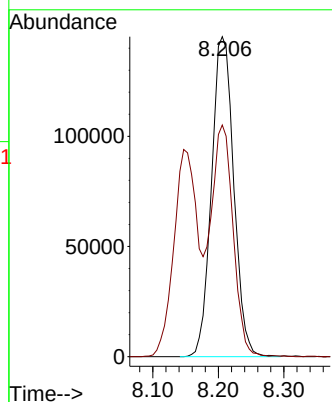
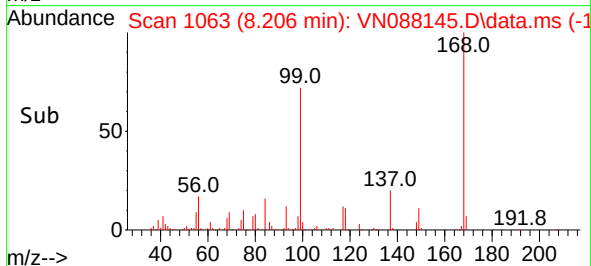
Tgt Ion:168 Resp: 341590
Ion Ratio Lower Upper
168 100
99 72.2 57.2 85.8

Manual Integrations

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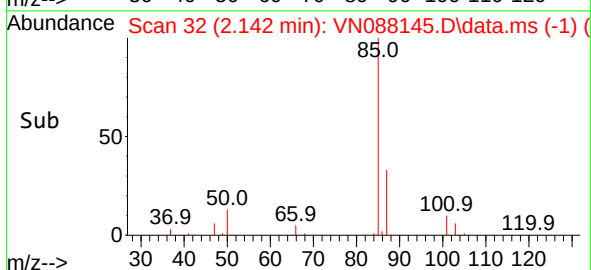
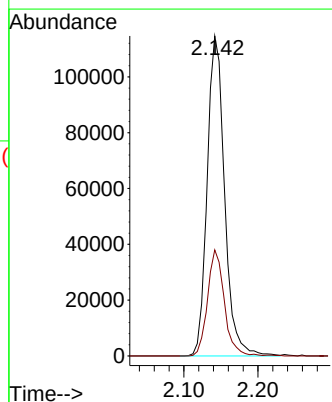
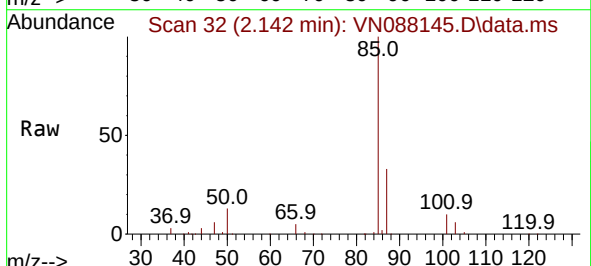
Reviewed By :John Carlone 10/29/2025

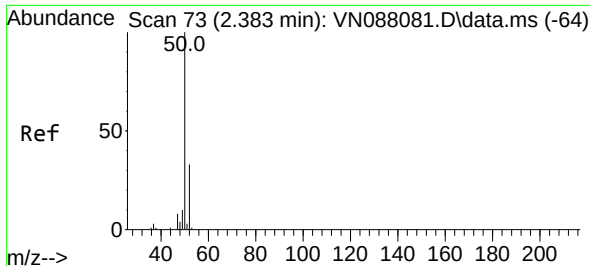
Supervised By :Semsettin Yesilyurt 10/29/2025



#2
Dichlorodifluoromethane
Concen: 48.584 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

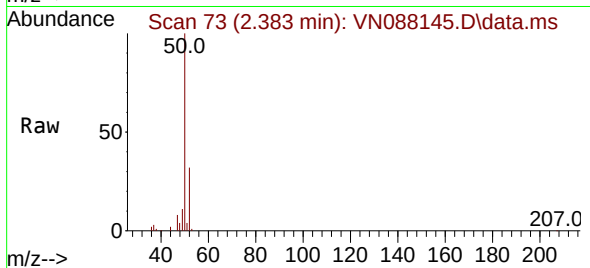
Tgt Ion: 85 Resp: 187204
Ion Ratio Lower Upper
85 100
87 33.2 16.6 49.8





#3
Chloromethane
Concen: 42.712 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

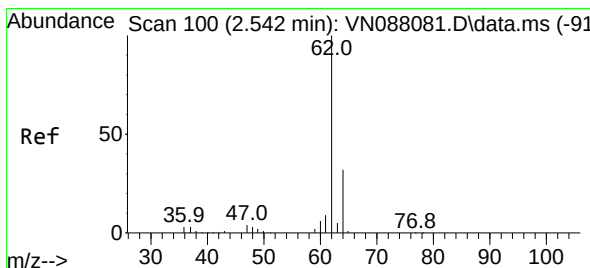
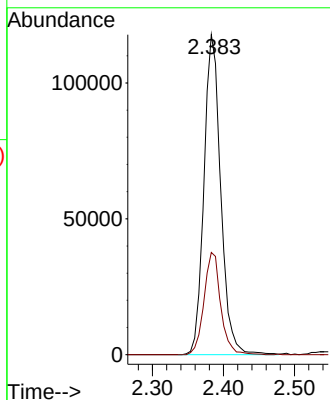
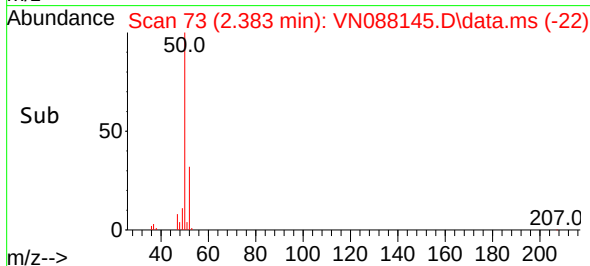
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion: 50 Resp: 193619
Ion Ratio Lower Upper
50 100
52 32.0 26.2 39.4

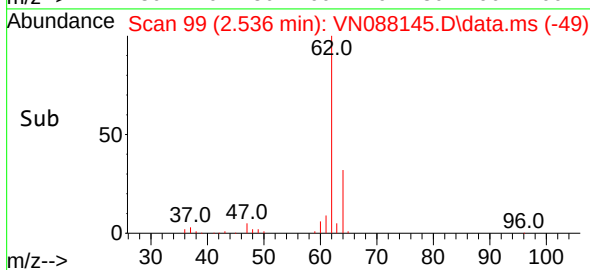
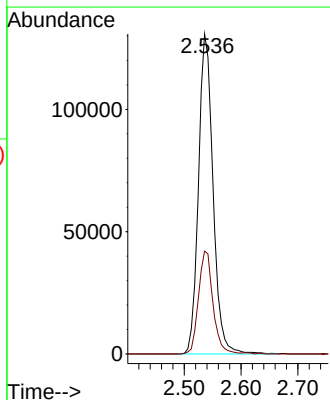
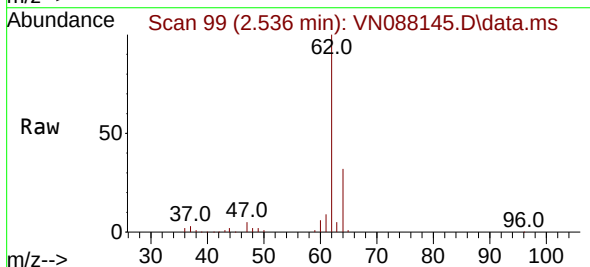
Manual Integrations
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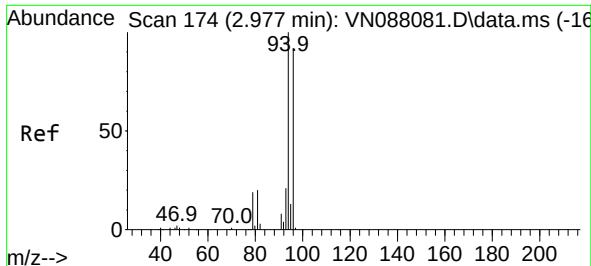
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#4
Vinyl Chloride
Concen: 47.217 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

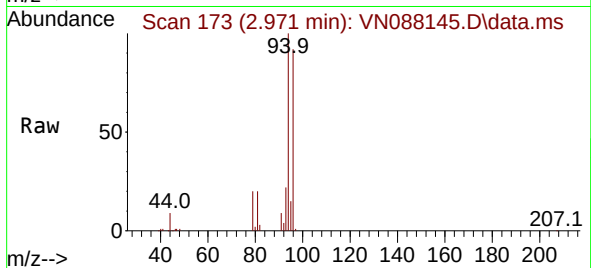
Tgt Ion: 62 Resp: 233214
Ion Ratio Lower Upper
62 100
64 32.2 24.6 37.0





#5
Bromomethane
Concen: 40.710 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

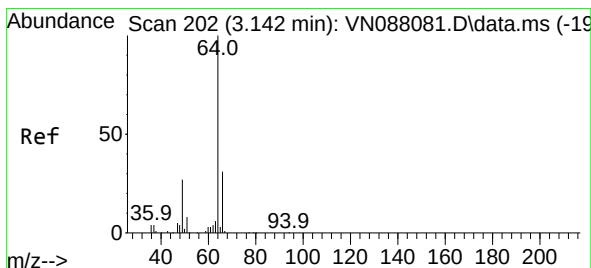
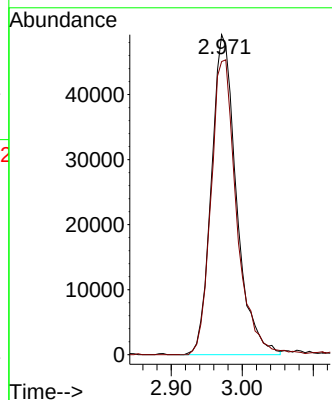
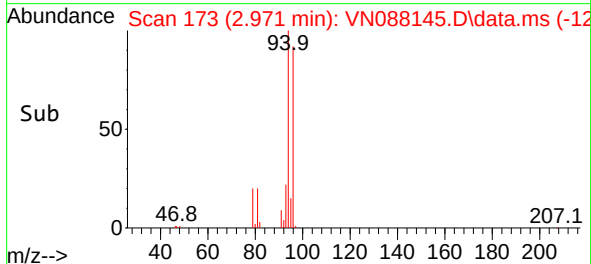
Instrument :
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Tgt Ion: 94 Resp: 120269
Ion Ratio Lower Upper
94 100
96 91.6 75.4 113.2

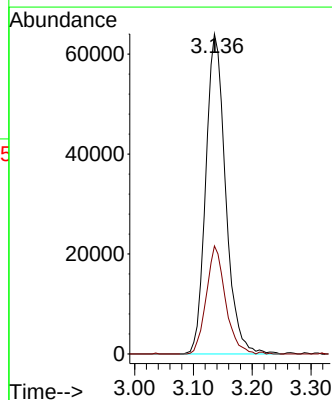
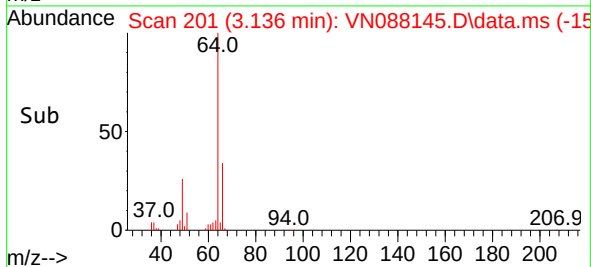
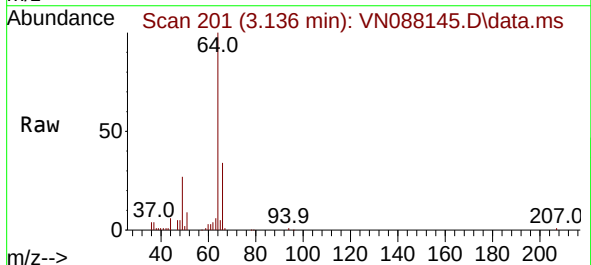
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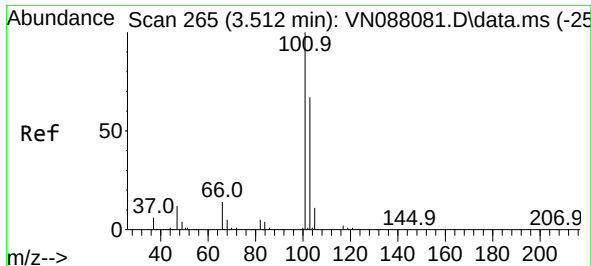
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#6
Chloroethane
Concen: 42.159 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

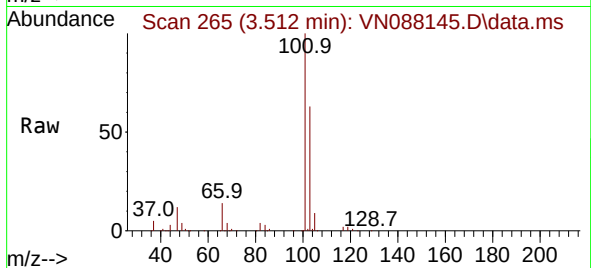
Tgt Ion: 64 Resp: 150029
Ion Ratio Lower Upper
64 100
66 33.8 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 45.390 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN088145.D
 Acq: 28 Oct 2025 17:06

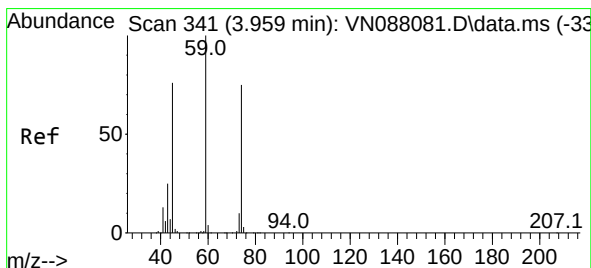
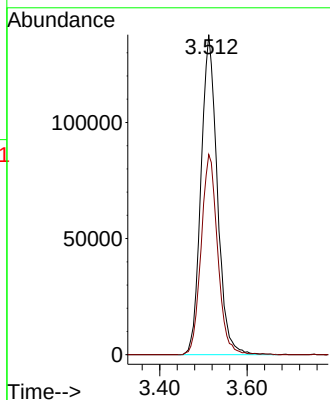
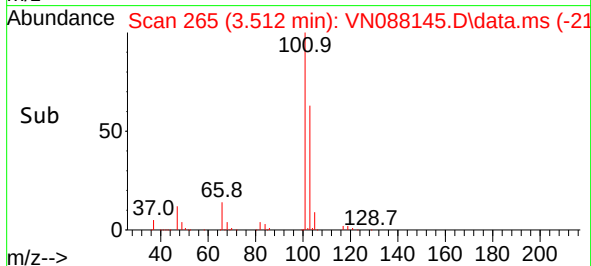
Instrument :
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Tgt Ion:101 Resp: 357570
 Ion Ratio Lower Upper
 101 100
 103 62.5 49.4 74.0

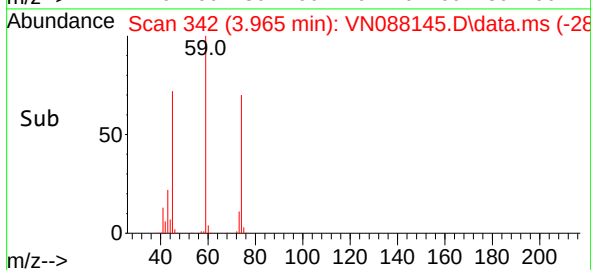
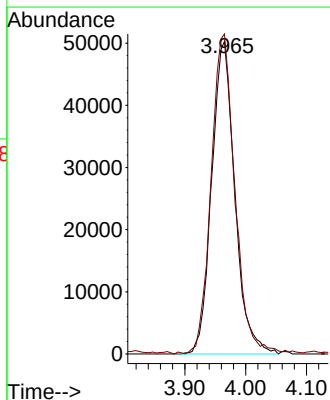
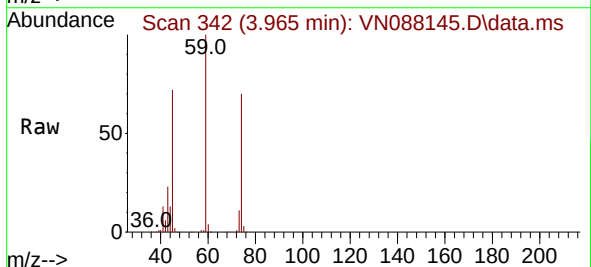
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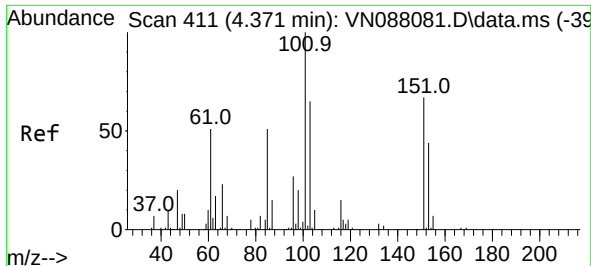
Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025



#8
 Diethyl Ether
 Concen: 45.391 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN088145.D
 Acq: 28 Oct 2025 17:06

Tgt Ion: 74 Resp: 132899
 Ion Ratio Lower Upper
 74 100
 45 104.6 50.6 151.9





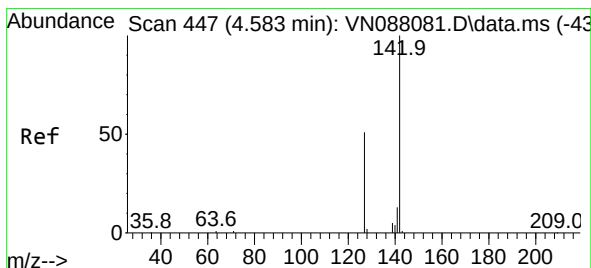
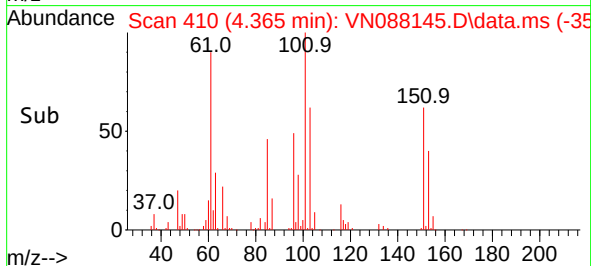
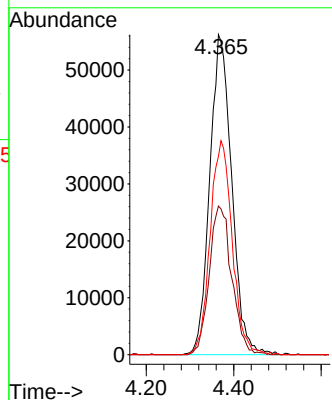
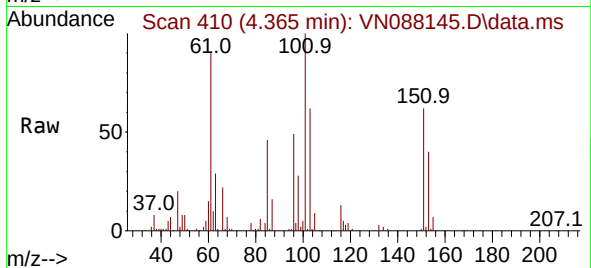
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.226 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 196040
Ion Ratio Lower Upper
101 100
85 47.7 36.6 55.0
151 67.2 54.7 82.1

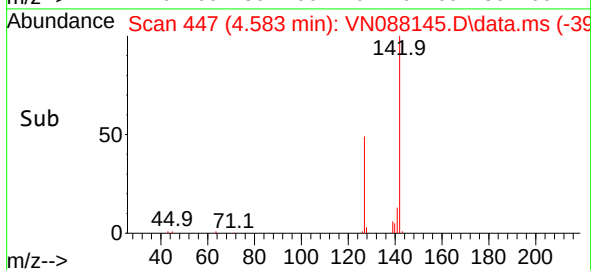
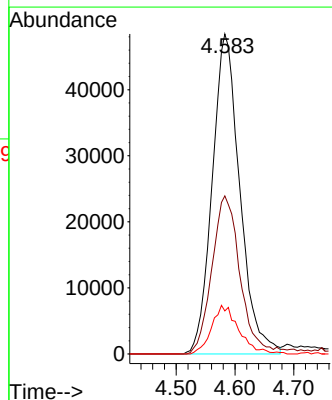
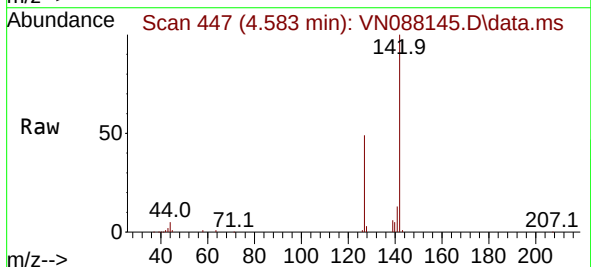
Manual Integrations
APPROVED

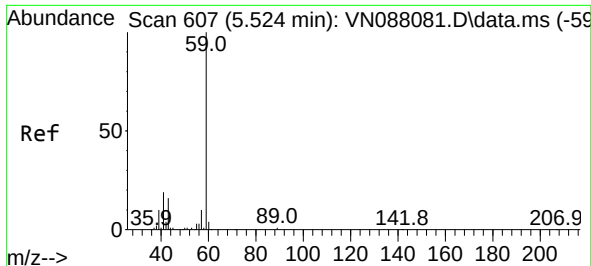
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#10
Methyl Iodide
Concen: 40.245 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

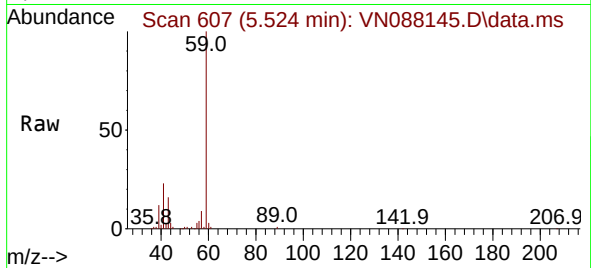
Tgt Ion:142 Resp: 157741
Ion Ratio Lower Upper
142 100
127 49.4 38.0 57.0
141 13.4 12.0 18.0





#11
Tert butyl alcohol
Concen: 231.184 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

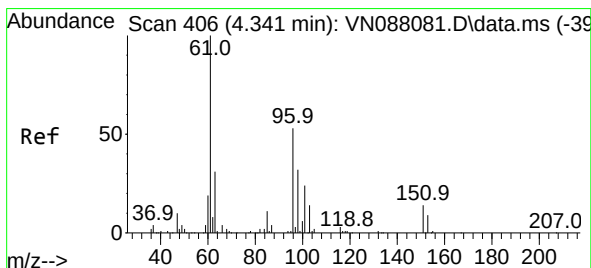
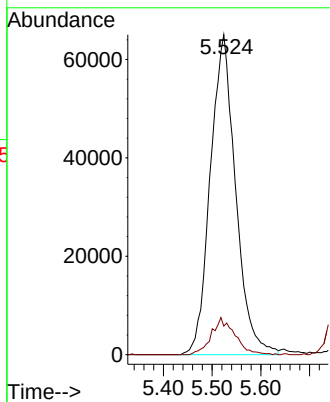
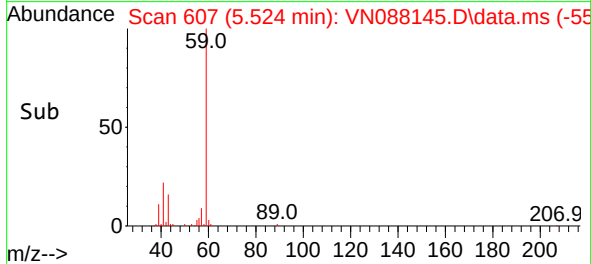
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 235260
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4

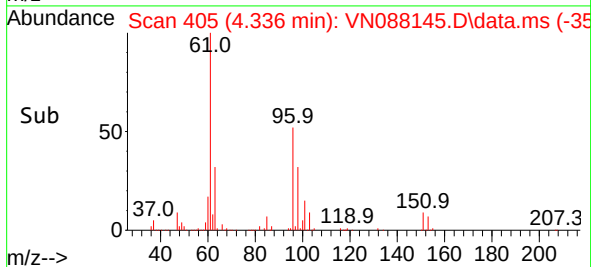
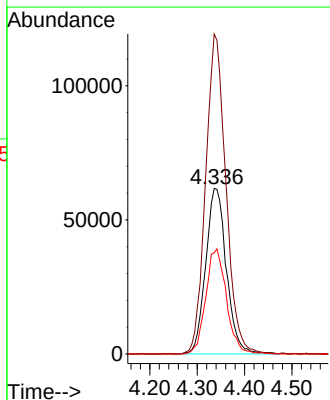
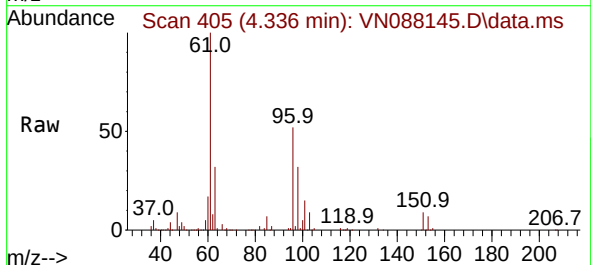
Manual Integrations
APPROVED

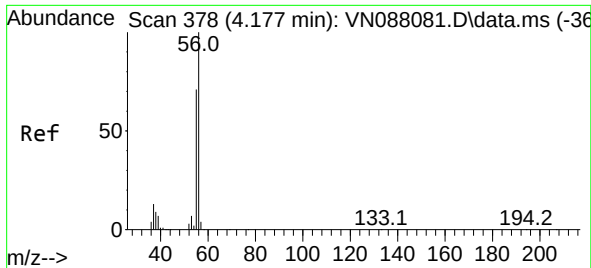
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#12
1,1-Dichloroethene
Concen: 43.765 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

Tgt Ion: 96 Resp: 187906
Ion Ratio Lower Upper
96 100
61 193.3 143.8 215.8
98 61.1 52.1 78.1





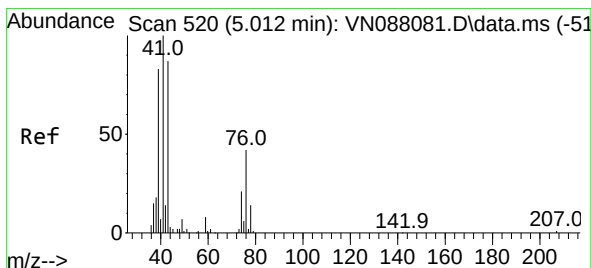
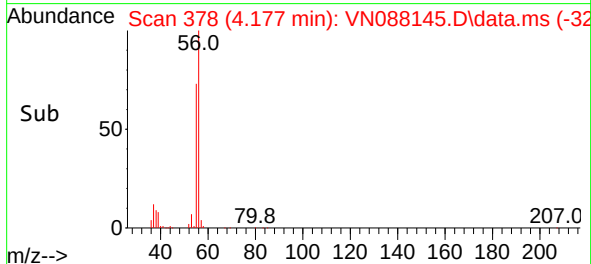
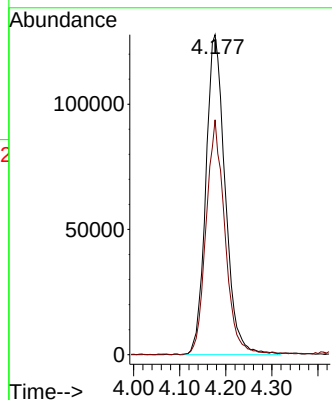
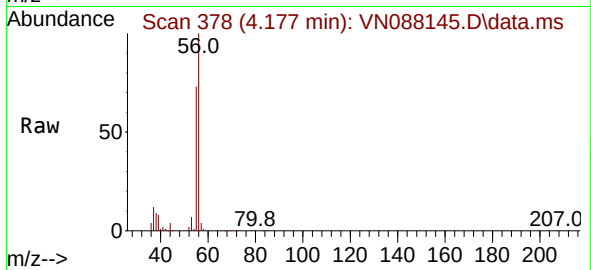
#13
Acrolein
Concen: 326.742 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 374008
Ion Ratio Lower Upper
56 100
55 71.2 57.3 85.9

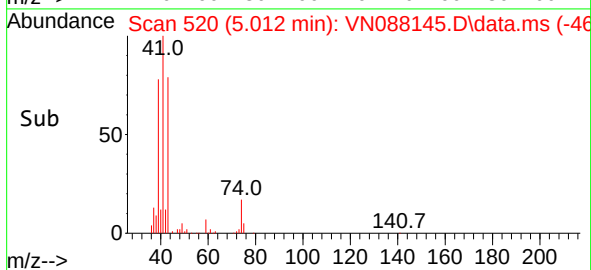
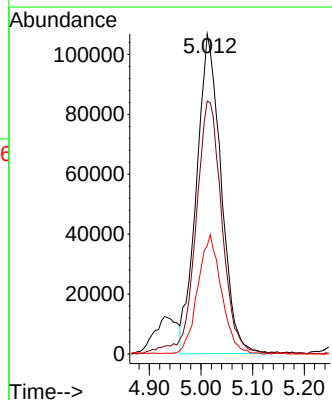
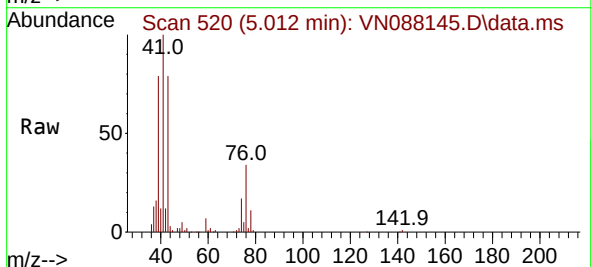
Manual Integrations
APPROVED

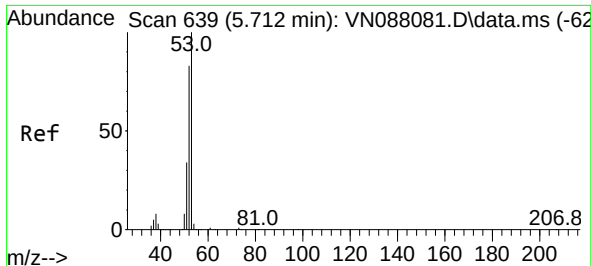
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#14
Allyl chloride
Concen: 46.874 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

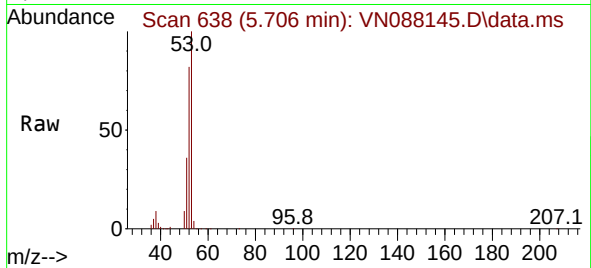
Tgt Ion: 41 Resp: 352751
Ion Ratio Lower Upper
41 100
39 84.3 63.9 95.9
76 36.1 28.1 42.1





#15
Acrylonitrile
Concen: 242.575 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

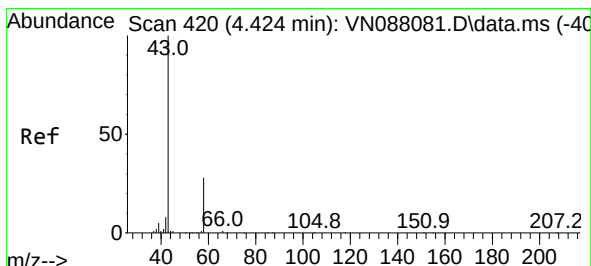
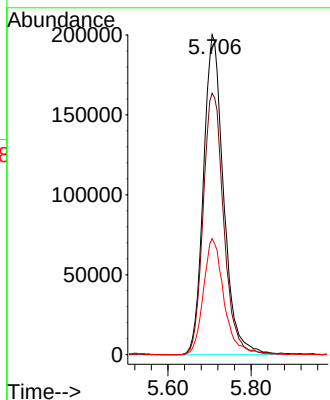
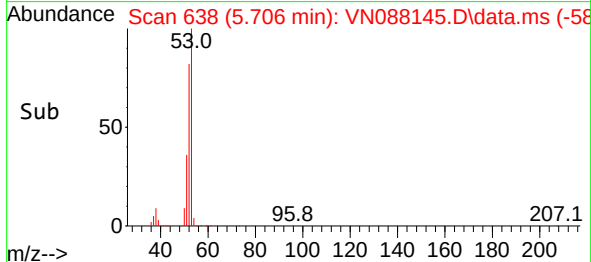
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 67241
Ion Ratio Lower Upper
53 100
52 83.7 67.6 101.4
51 37.3 30.1 45.1

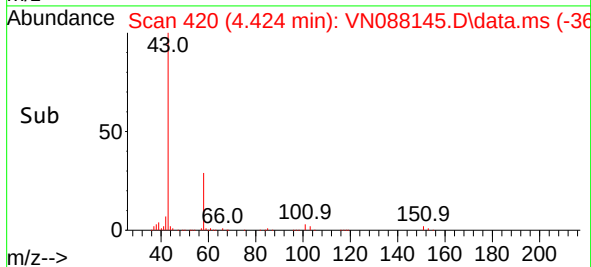
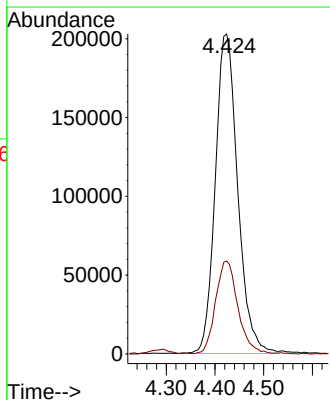
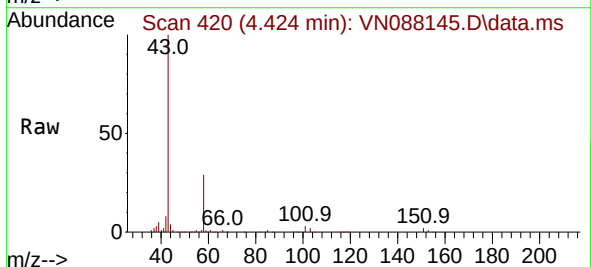
Manual Integrations
APPROVED

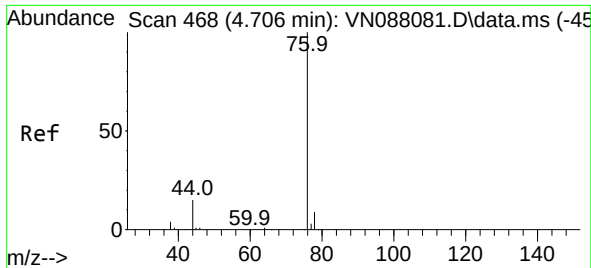
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#16
Acetone
Concen: 218.533 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

Tgt Ion: 43 Resp: 648506
Ion Ratio Lower Upper
43 100
58 28.9 22.6 33.8





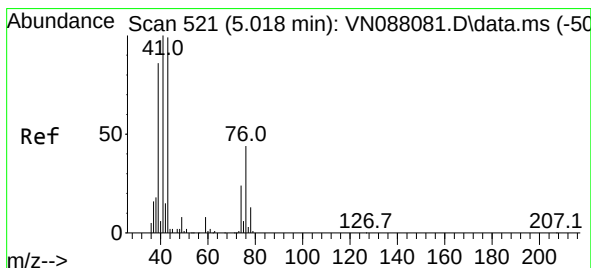
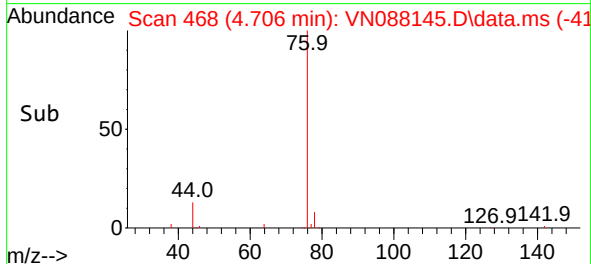
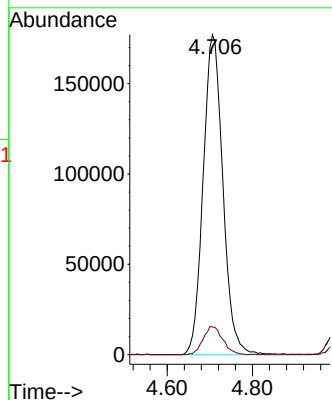
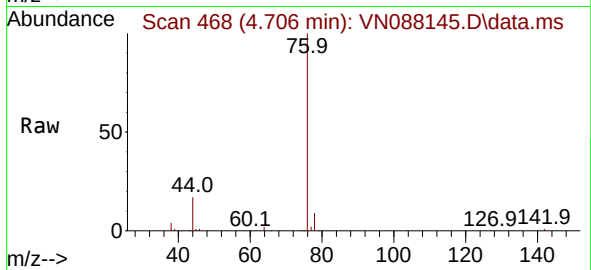
#17
Carbon Disulfide
Concen: 43.566 ug/l
RT: 4.706 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 568597
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4

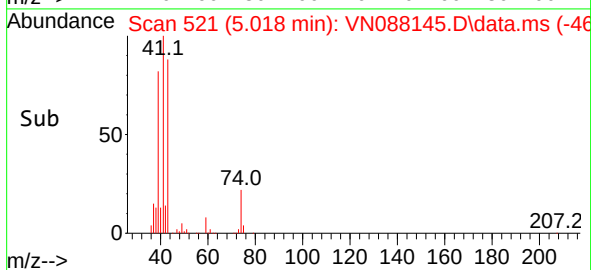
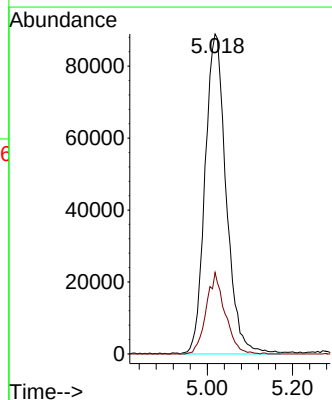
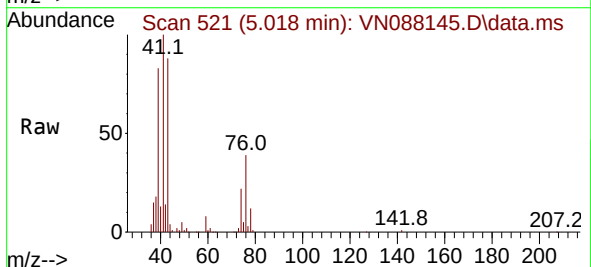
Manual Integrations
APPROVED

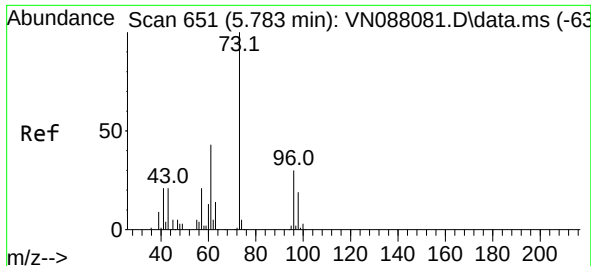
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#18
Methyl Acetate
Concen: 50.470 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

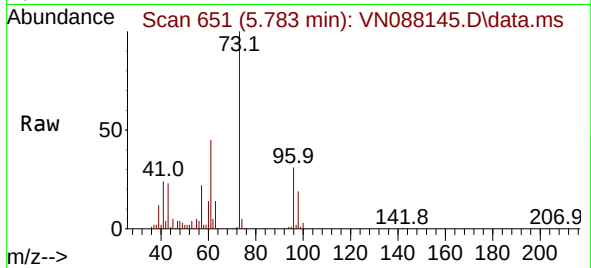
Tgt Ion: 43 Resp: 306623
Ion Ratio Lower Upper
43 100
74 22.6 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 48.593 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

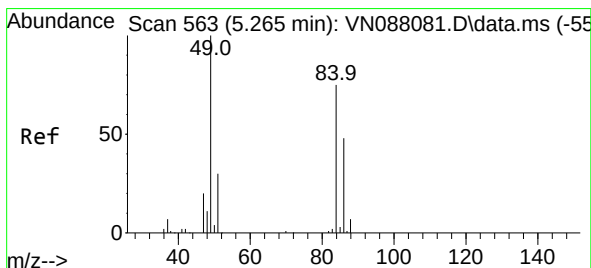
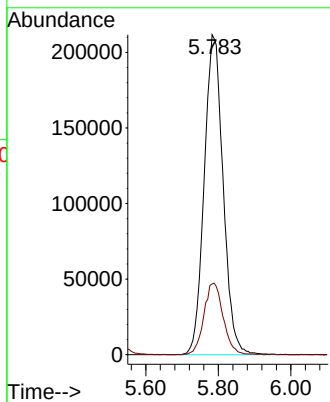
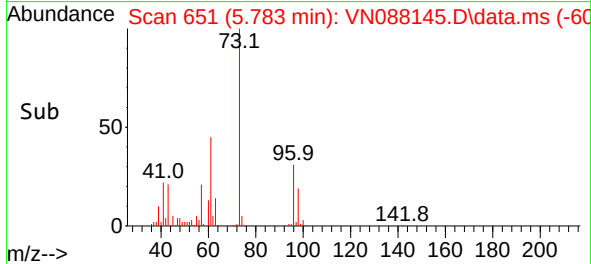
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 766200
Ion Ratio Lower Upper
73 100
57 22.1 18.4 27.6

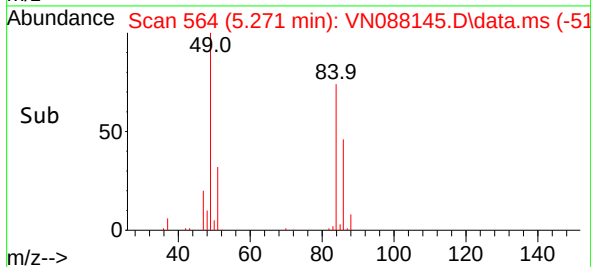
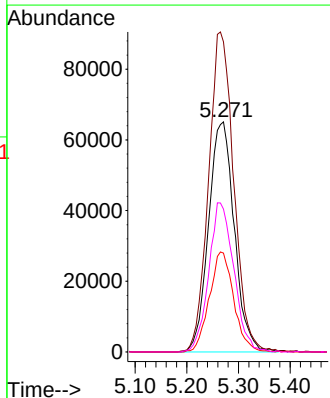
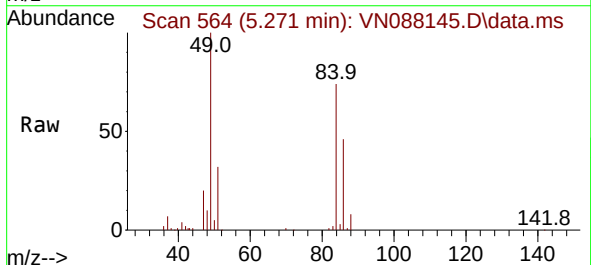
Manual Integrations
APPROVED

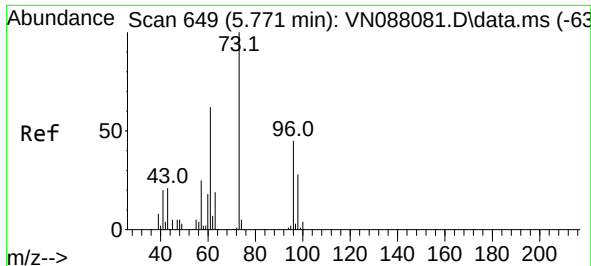
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#20
Methylene Chloride
Concen: 48.827 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

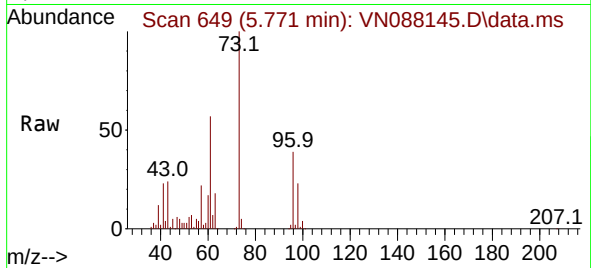
Tgt Ion: 84 Resp: 225440
Ion Ratio Lower Upper
84 100
49 134.8 103.4 155.2
51 43.0 33.8 50.8
86 62.1 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 45.297 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

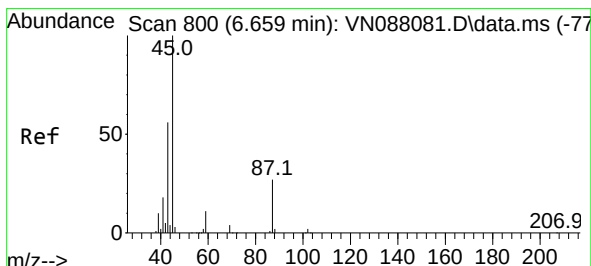
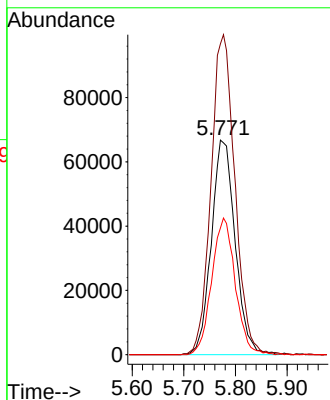
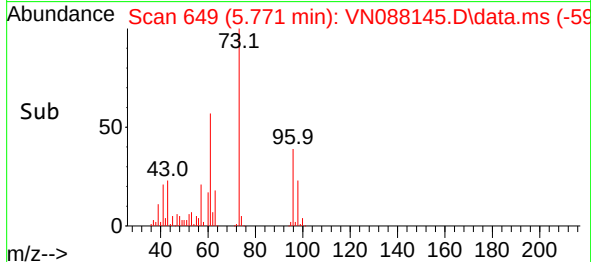
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 21347
Ion Ratio Lower Upper
96 100
61 144.9 118.0 177.0
98 59.1 50.0 75.0

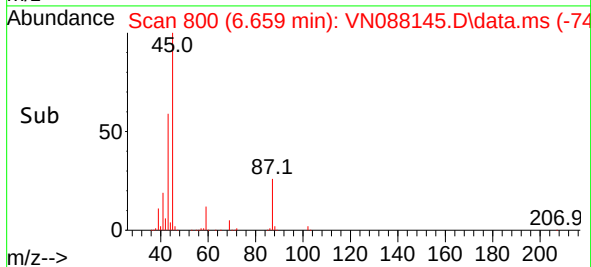
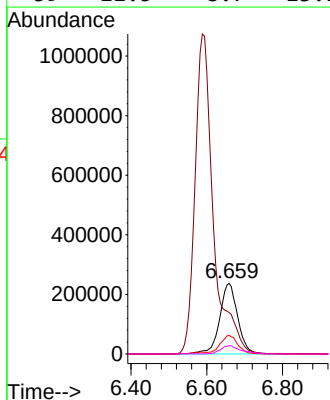
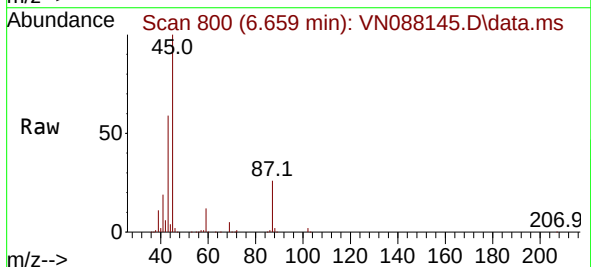
Manual Integrations
APPROVED

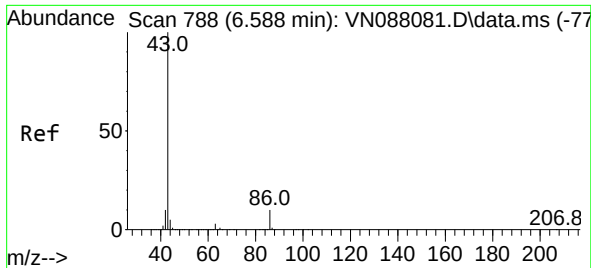
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#22
Diisopropyl ether
Concen: 49.499 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

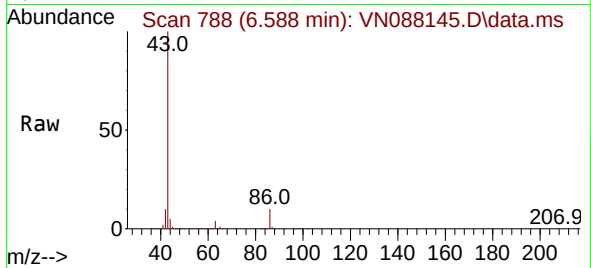
Tgt Ion: 45 Resp: 783398
Ion Ratio Lower Upper
45 100
43 58.0 47.7 71.5
87 26.1 21.4 32.0
59 11.5 8.7 13.1





#23
 Vinyl Acetate
 Concen: 253.158 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088145.D
 Acq: 28 Oct 2025 17:06

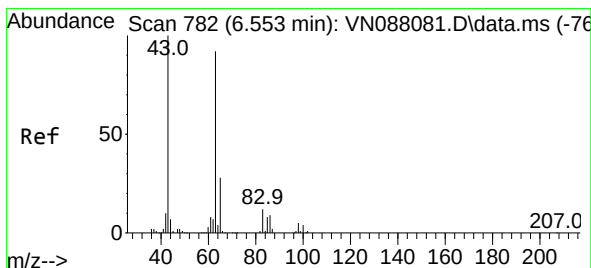
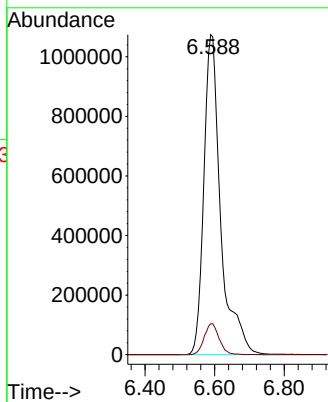
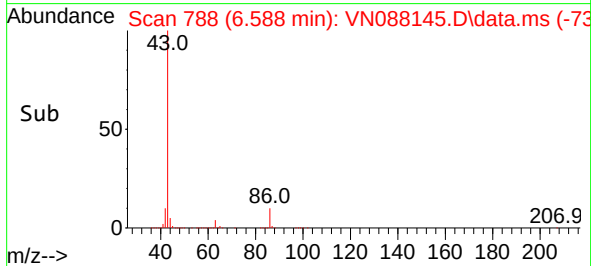
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



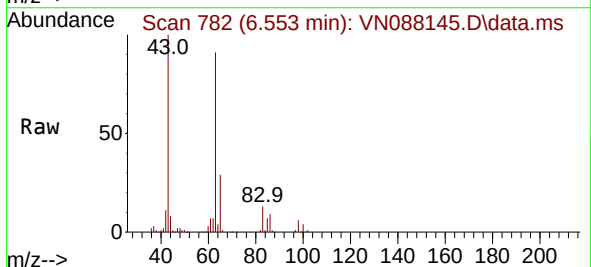
Tgt Ion: 43 Resp: 360908
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4

Manual Integrations
 APPROVED

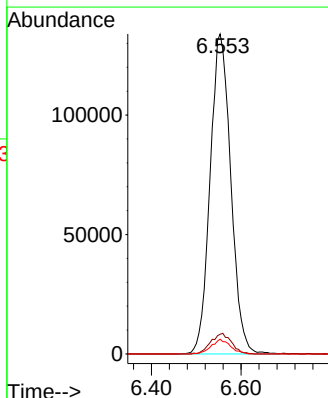
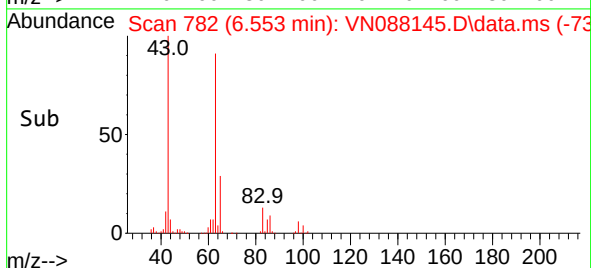
Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025

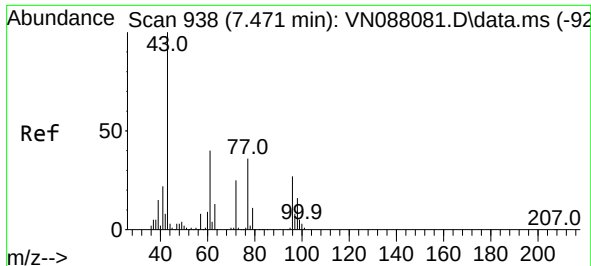


#24
 1,1-Dichloroethane
 Concen: 48.996 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088145.D
 Acq: 28 Oct 2025 17:06



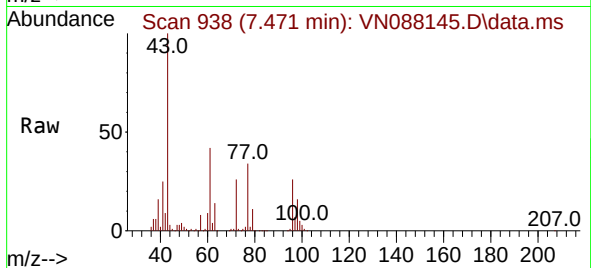
Tgt Ion: 63 Resp: 429540
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.8 11.4
 100 4.6 2.0 6.0





#25
2-Butanone
Concen: 243.184 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

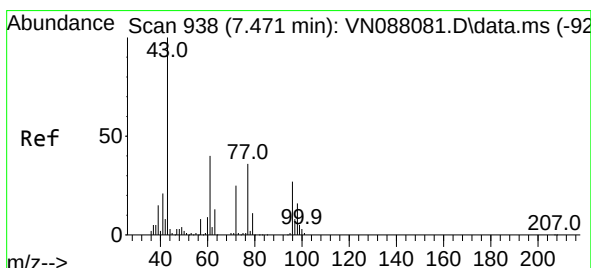
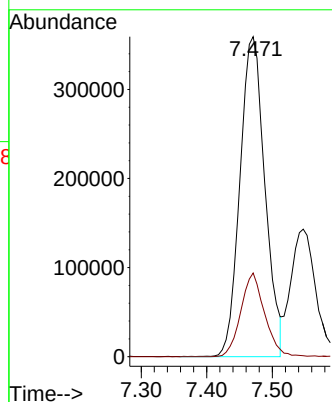
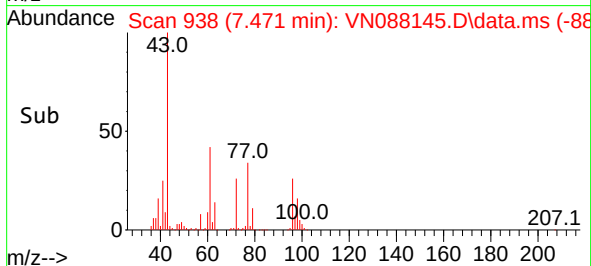
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



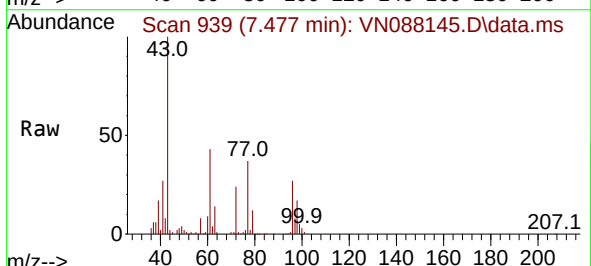
Tgt Ion: 43 Resp: 95104
Ion Ratio Lower Upper
43 100
72 26.2 19.9 29.9

Manual Integrations
APPROVED

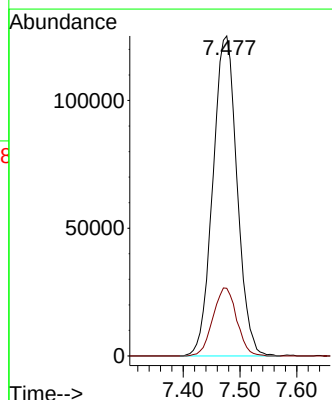
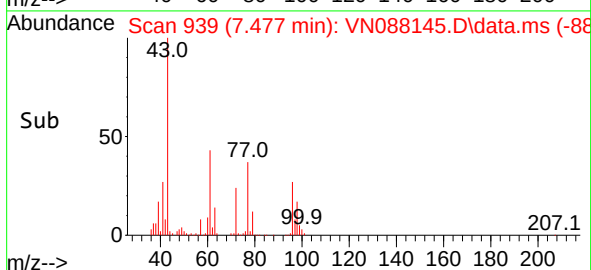
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

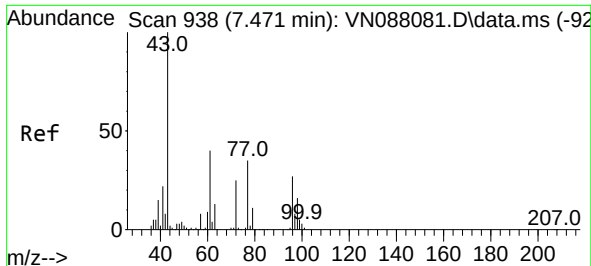


#26
2,2-Dichloropropane
Concen: 46.496 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06



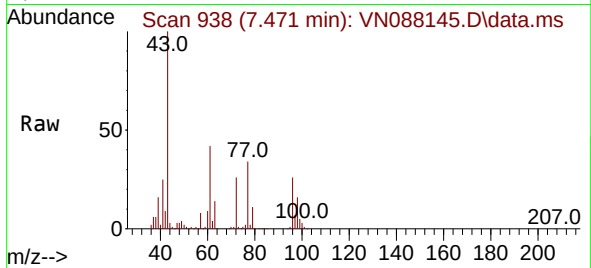
Tgt Ion: 77 Resp: 370434
Ion Ratio Lower Upper
77 100
97 20.9 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 47.166 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN088145.D
 Acq: 28 Oct 2025 17:06

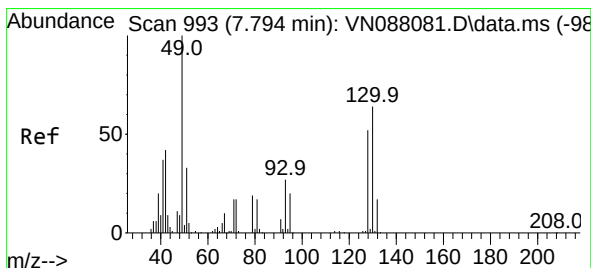
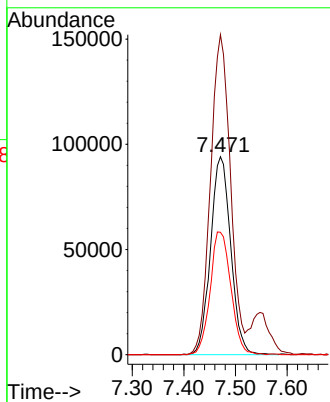
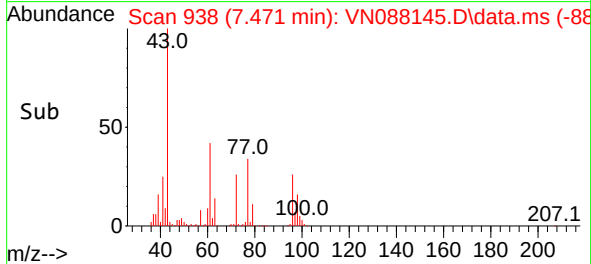
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 255892
 Ion Ratio Lower Upper
 96 100
 61 159.1 0.0 301.8
 98 63.4 0.0 126.2

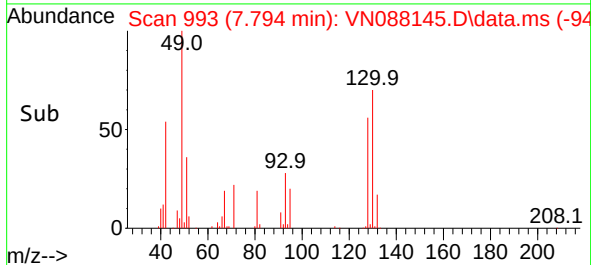
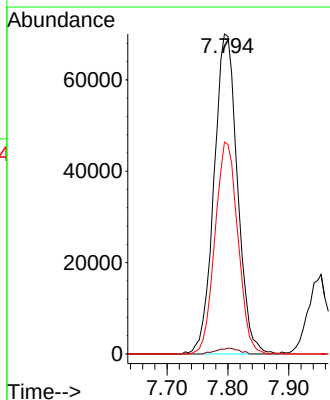
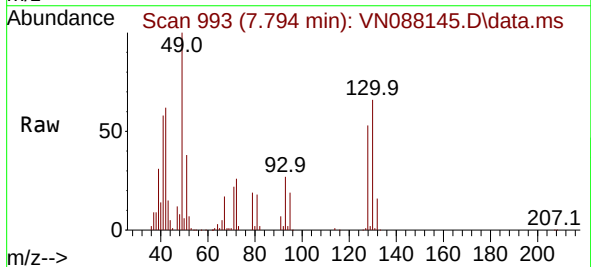
Manual Integrations
 APPROVED

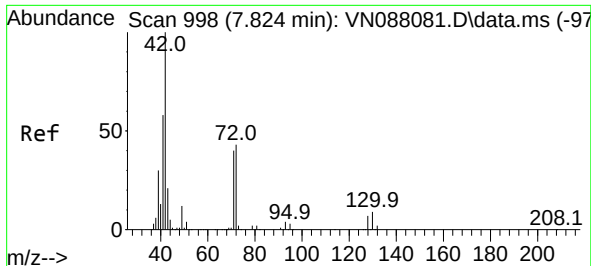
Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025



#28
 Bromochloromethane
 Concen: 45.178 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088145.D
 Acq: 28 Oct 2025 17:06

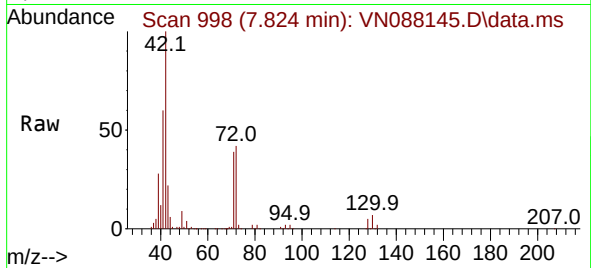
Tgt Ion: 49 Resp: 187144
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.0
 130 64.6 53.1 79.7





#29
Tetrahydrofuran
Concen: 239.319 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

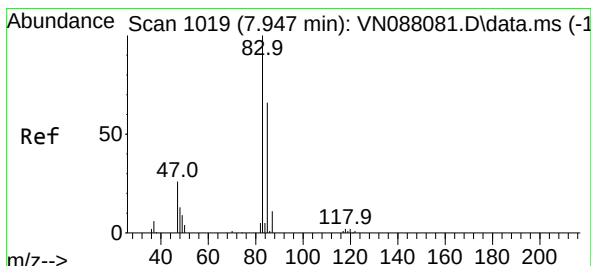
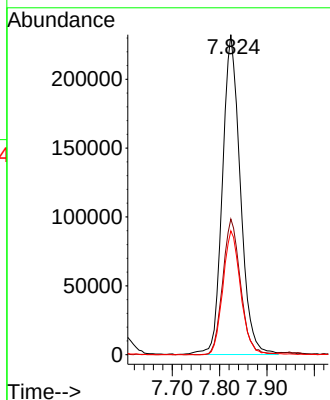
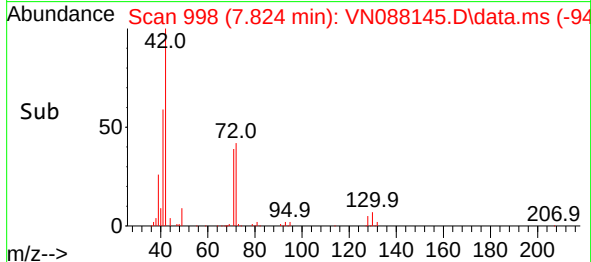
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 609940
Ion Ratio Lower Upper
42 100
72 42.1 33.7 50.5
71 38.6 31.9 47.9

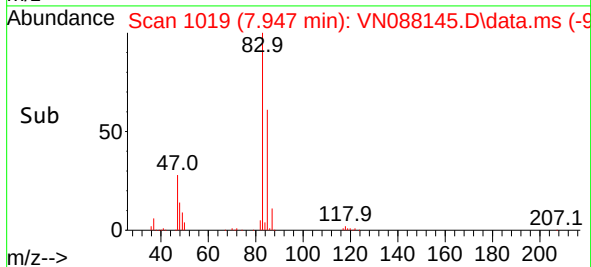
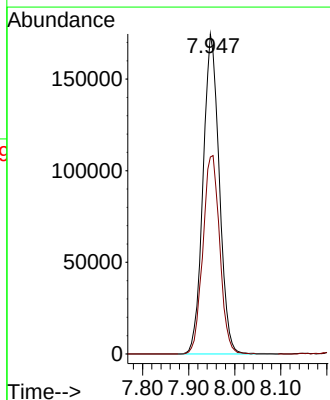
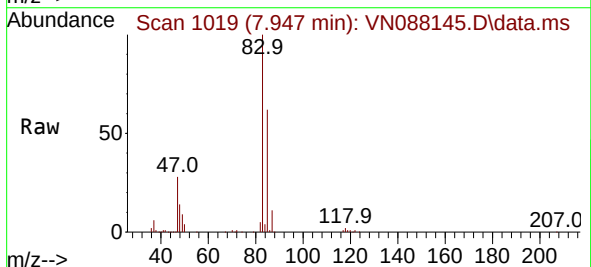
Manual Integrations
APPROVED

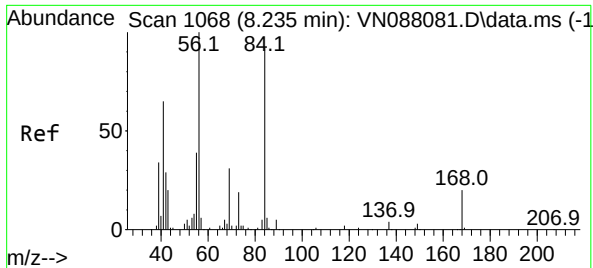
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#30
Chloroform
Concen: 48.875 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

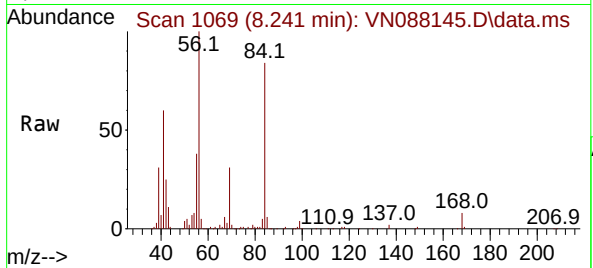
Tgt Ion: 83 Resp: 428058
Ion Ratio Lower Upper
83 100
85 61.5 50.7 76.1





#31
Cyclohexane
Concen: 47.043 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

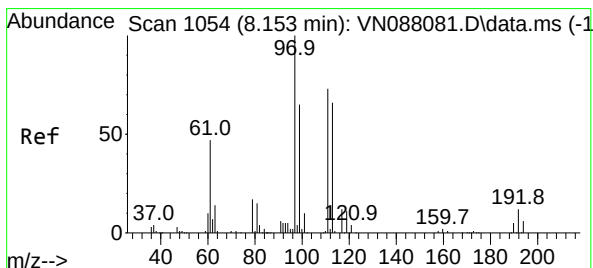
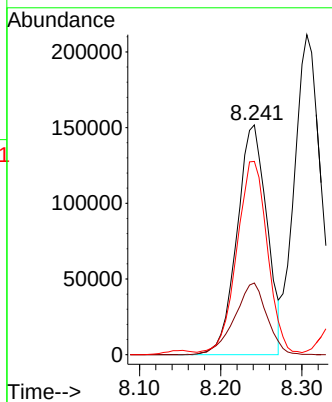
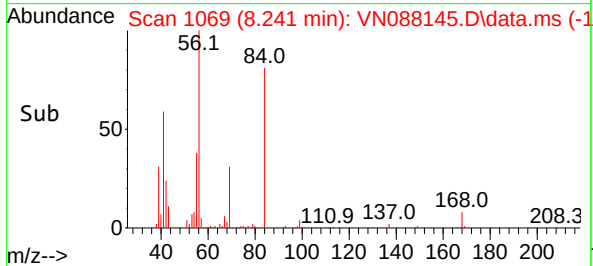
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 388974
Ion Ratio Lower Upper
56 100
69 31.2 23.7 35.5
84 82.3 64.7 97.1

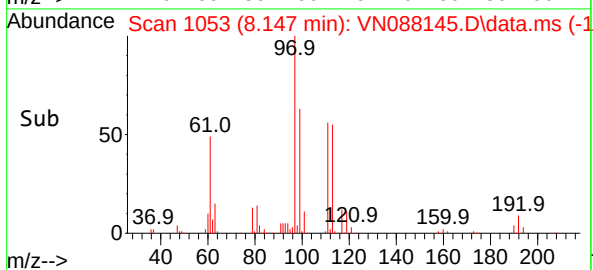
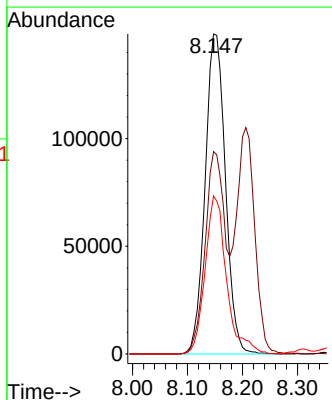
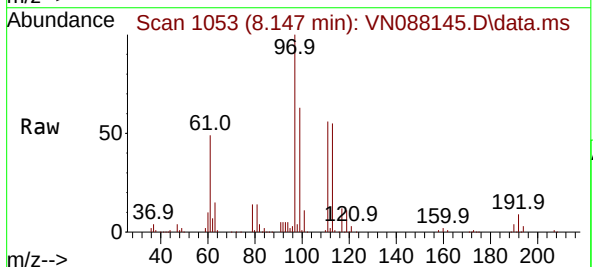
Manual Integrations
APPROVED

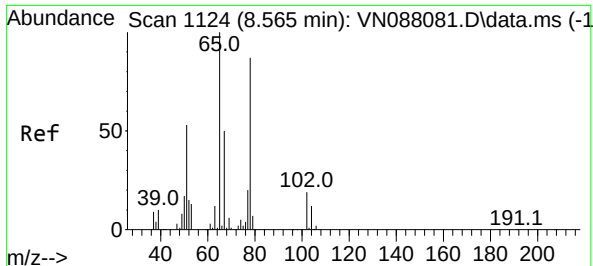
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#32
1,1,1-Trichloroethane
Concen: 48.892 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

Tgt Ion: 97 Resp: 381386
Ion Ratio Lower Upper
97 100
99 62.3 52.2 78.2
61 52.2 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 49.731 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088145.D

Acq: 28 Oct 2025 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 293750

Ion Ratio Lower Upper

65 100

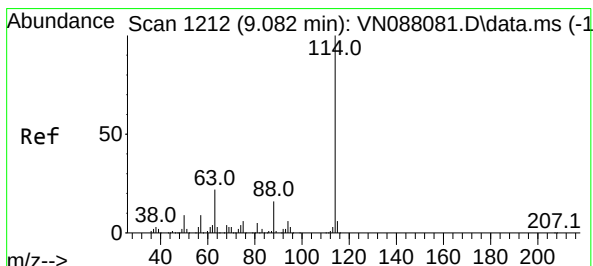
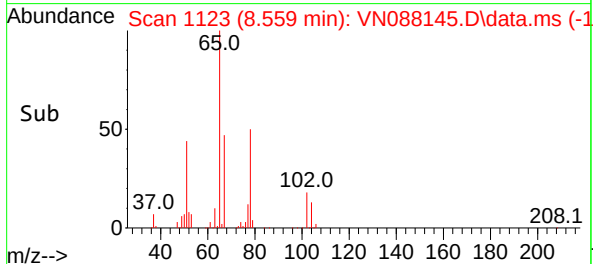
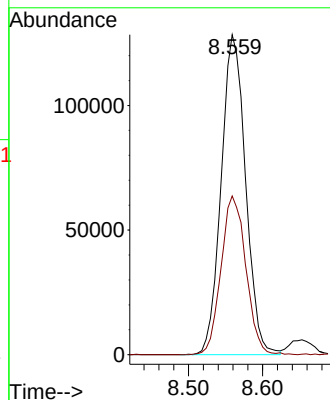
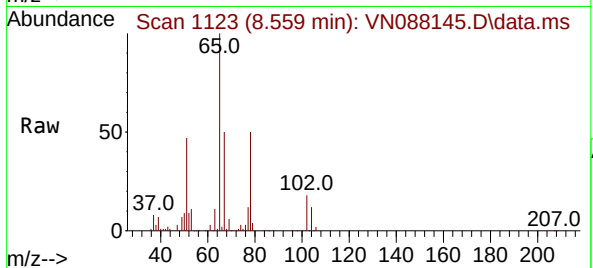
67 50.5 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088145.D

Acq: 28 Oct 2025 17:06

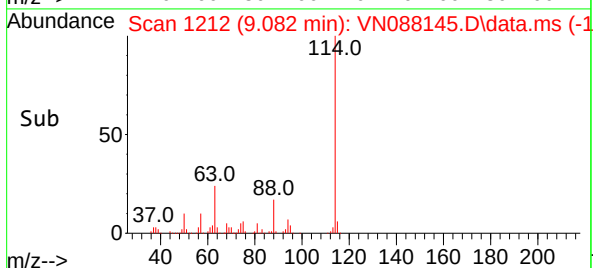
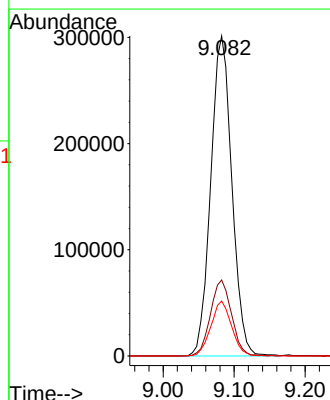
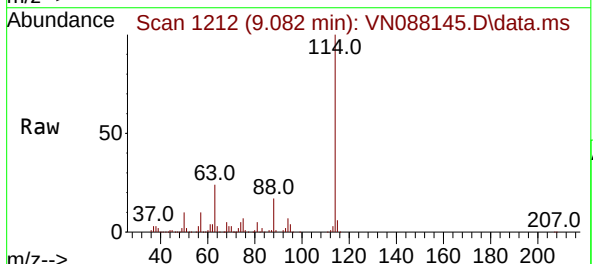
Tgt Ion:114 Resp: 622789

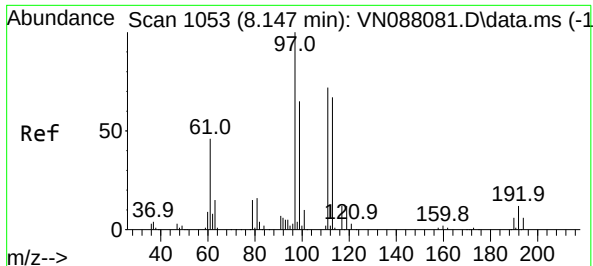
Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.2

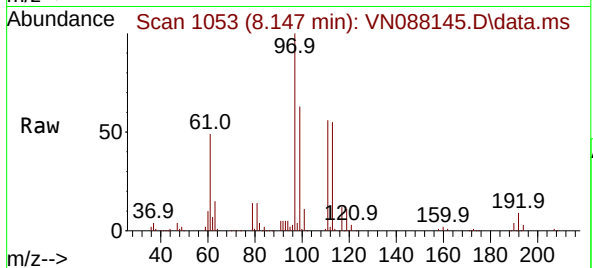
88 17.2 0.0 33.4





#35
Dibromofluoromethane
Concen: 48.322 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

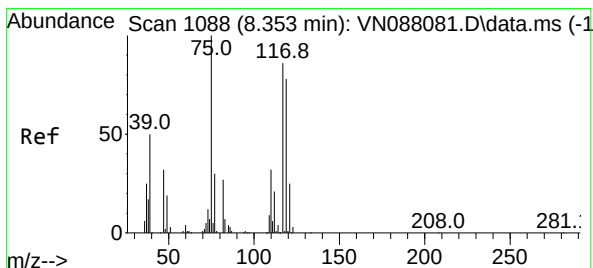
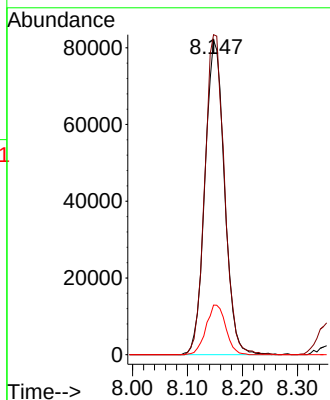
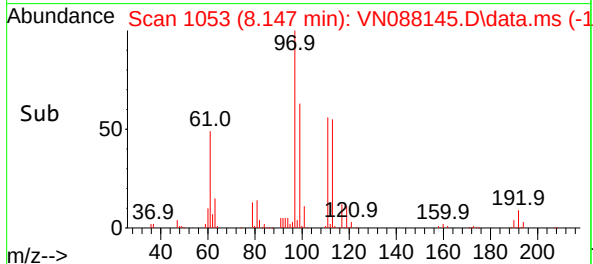
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



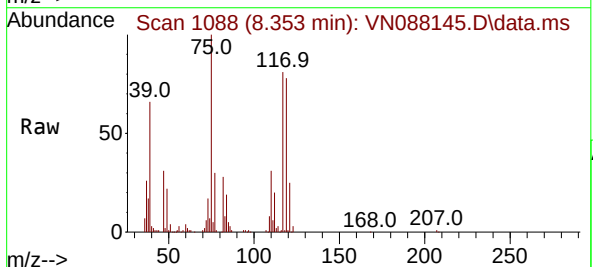
Tgt Ion: 113 Resp: 202178
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 16.0 12.8 19.2

Manual Integrations
APPROVED

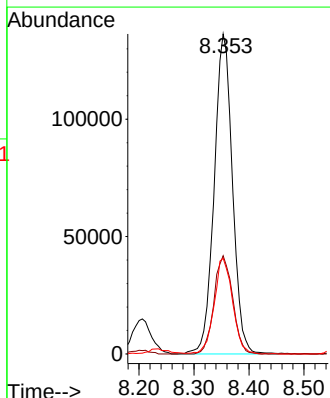
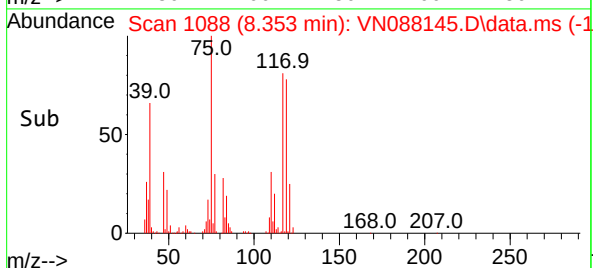
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

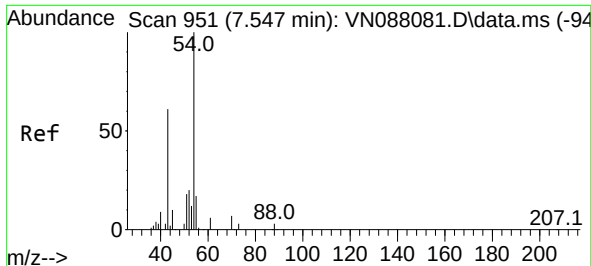


#36
1,1-Dichloropropene
Concen: 51.592 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06



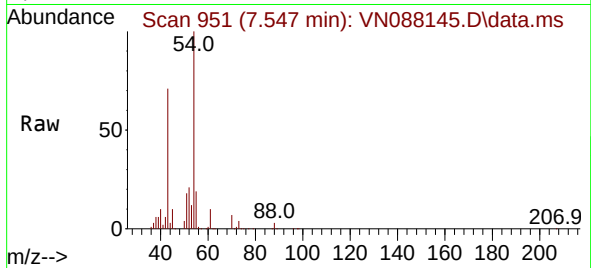
Tgt Ion: 75 Resp: 315178
Ion Ratio Lower Upper
75 100
110 31.3 15.9 47.6
77 30.2 24.4 36.6





#37
Ethyl Acetate
Concen: 49.579 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

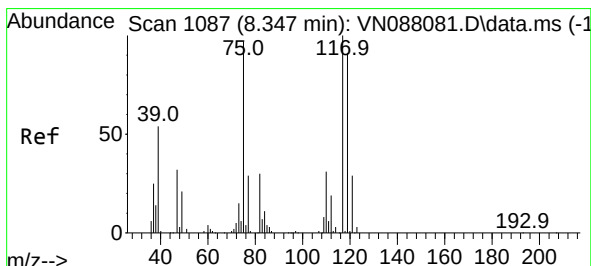
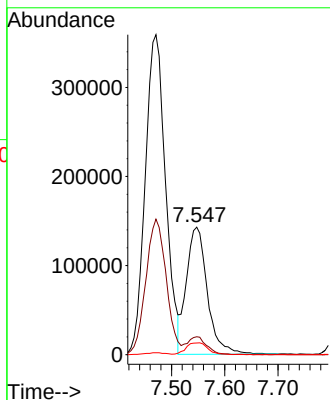
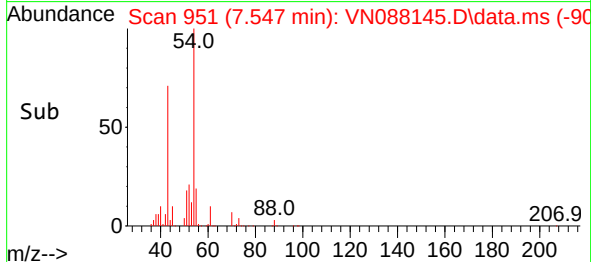
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 390850
Ion Ratio Lower Upper
43 100
61 11.9 9.3 13.9
70 9.8 7.0 10.6

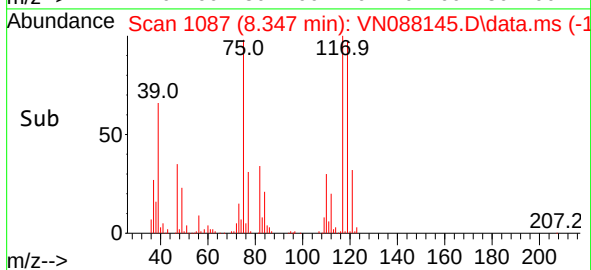
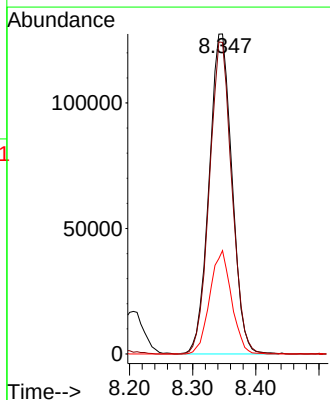
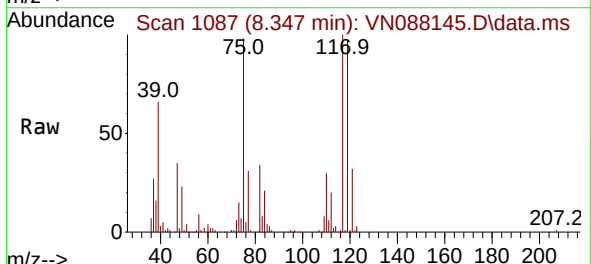
Manual Integrations
APPROVED

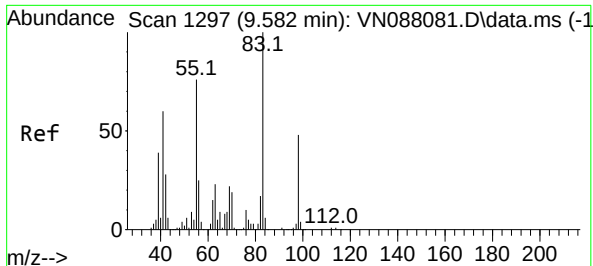
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#38
Carbon Tetrachloride
Concen: 50.920 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

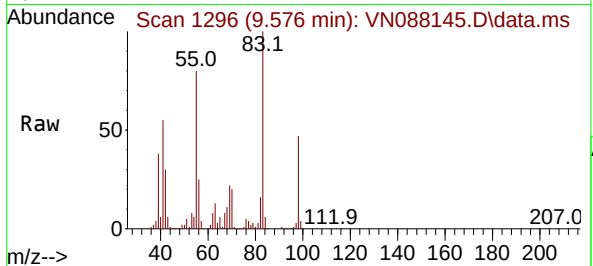
Tgt Ion:117 Resp: 321287
Ion Ratio Lower Upper
117 100
119 97.4 79.0 118.6
121 32.3 25.0 37.6





#39
Methylcyclohexane
Concen: 49.337 ug/l
RT: 9.576 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

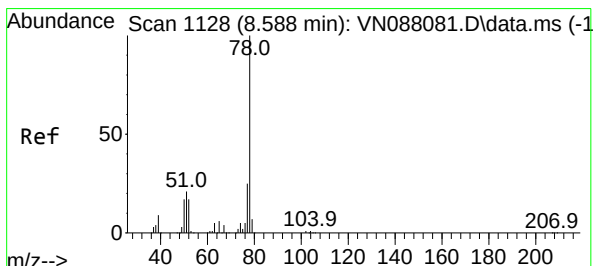
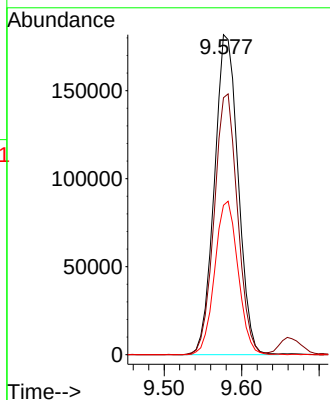
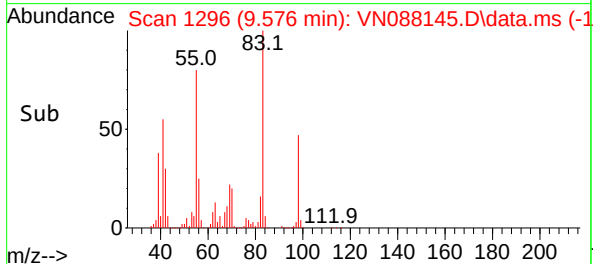
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 387414
Ion Ratio Lower Upper
83 100
55 80.3 64.6 96.8
98 46.7 38.4 57.6

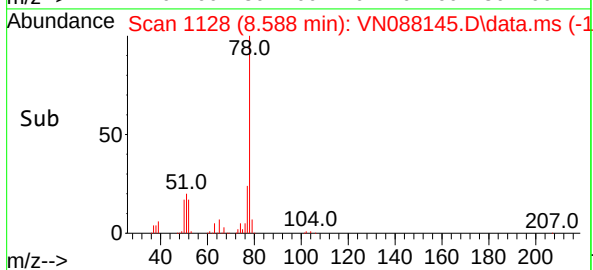
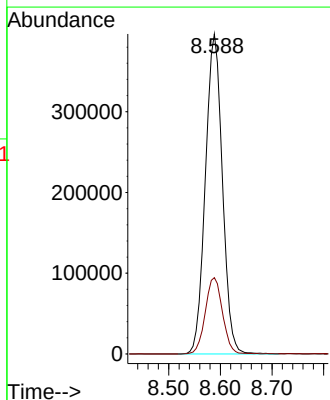
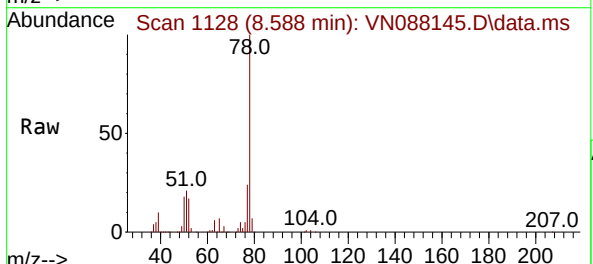
Manual Integrations
APPROVED

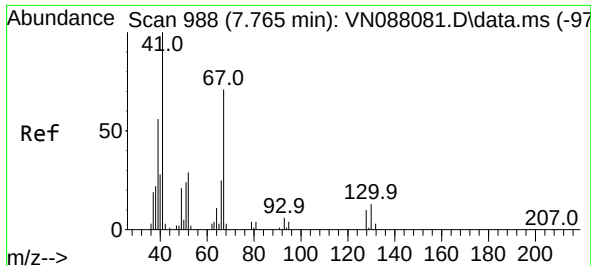
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#40
Benzene
Concen: 48.599 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

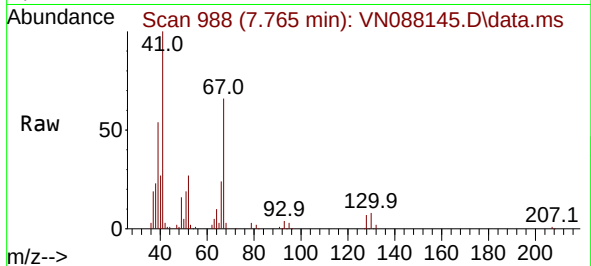
Tgt Ion: 78 Resp: 904169
Ion Ratio Lower Upper
78 100
77 23.9 19.7 29.5





#41
Methacrylonitrile
Concen: 49.833 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

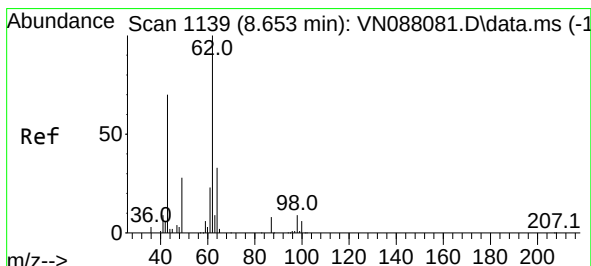
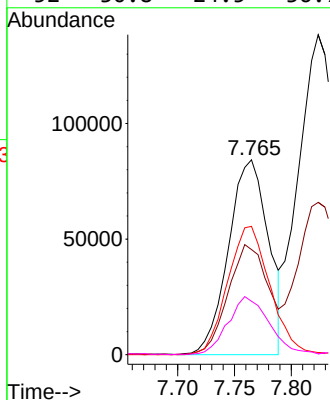
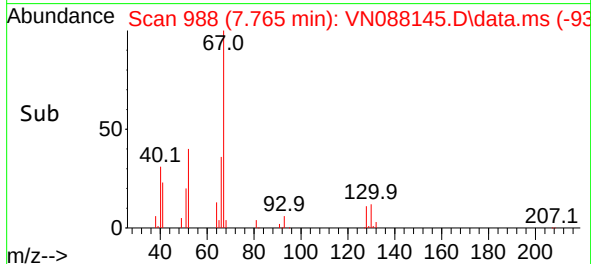
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 206768
Ion Ratio Lower Upper
41 100
39 56.8 45.4 68.0
67 70.0 55.3 82.9
52 30.8 24.5 36.7

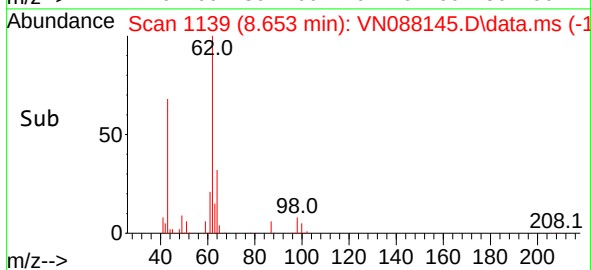
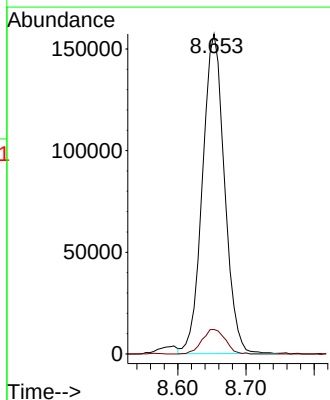
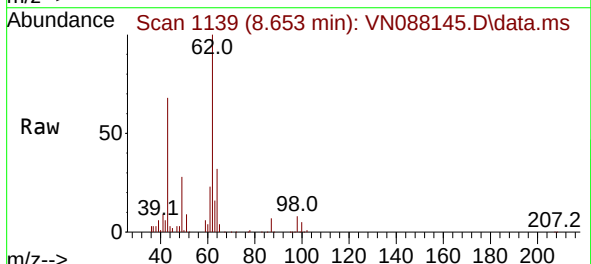
Manual Integrations
APPROVED

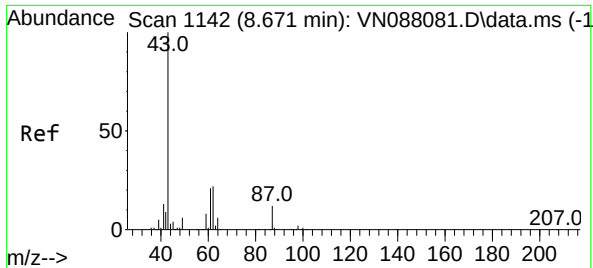
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#42
1,2-Dichloroethane
Concen: 53.400 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

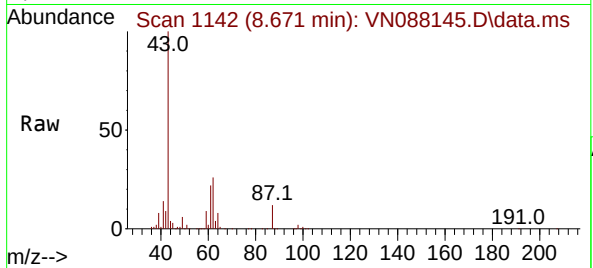
Tgt Ion: 62 Resp: 353002
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.4





#43
Isopropyl Acetate
Concen: 51.258 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

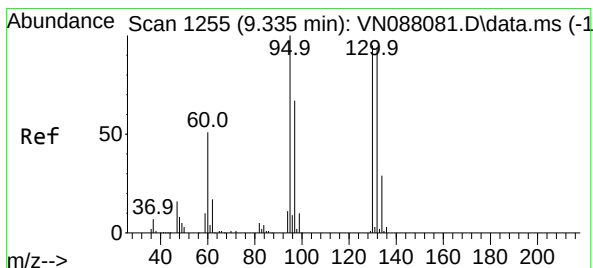
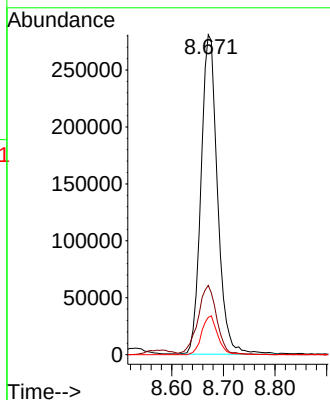
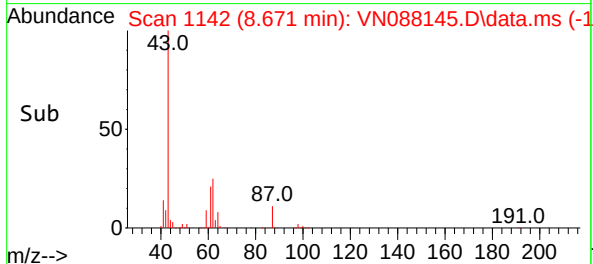
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 62093
Ion Ratio Lower Upper
43 100
61 24.6 18.8 28.2
87 11.8 9.6 14.4

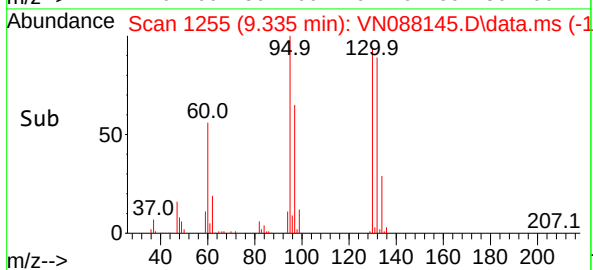
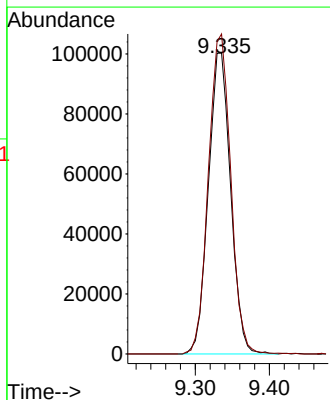
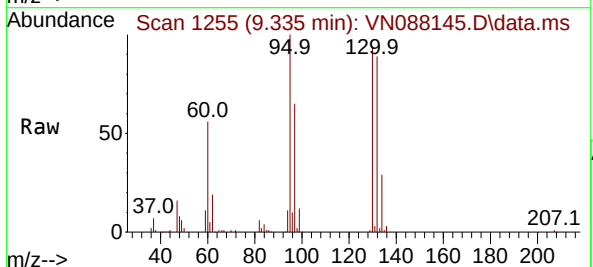
Manual Integrations
APPROVED

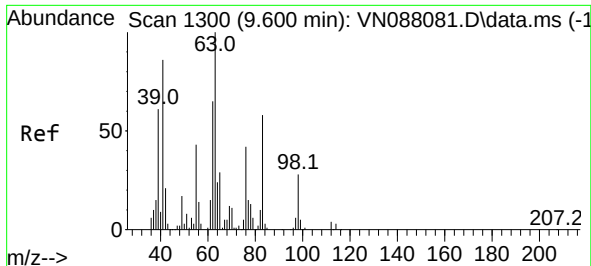
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#44
Trichloroethene
Concen: 48.160 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

Tgt Ion:130 Resp: 209432
Ion Ratio Lower Upper
130 100
95 106.3 0.0 212.0





#45

1,2-Dichloropropane

Concen: 50.370 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088145.D

Acq: 28 Oct 2025 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 23658

Ion Ratio Lower Upper

63 100

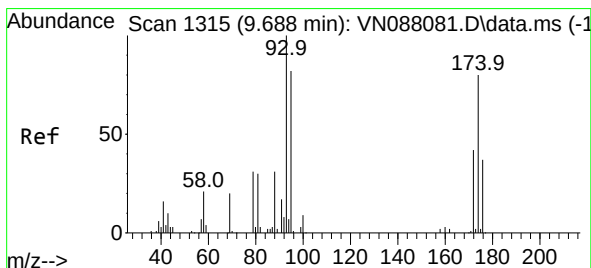
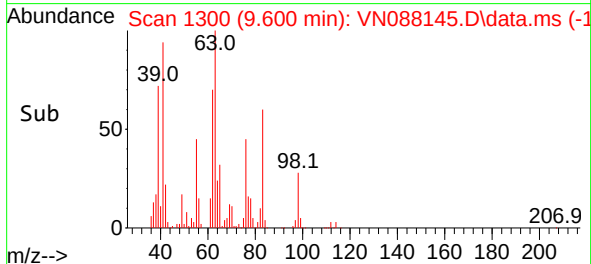
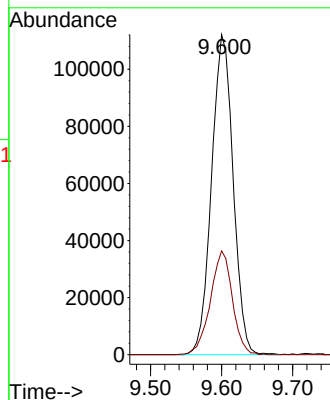
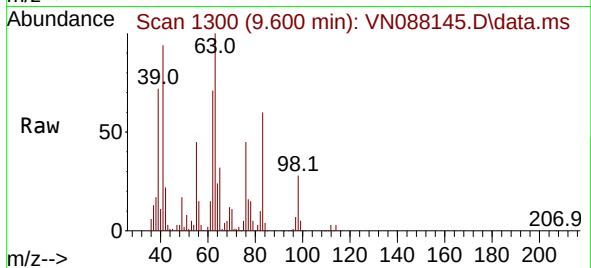
65 32.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#46

Dibromomethane

Concen: 50.259 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088145.D

Acq: 28 Oct 2025 17:06

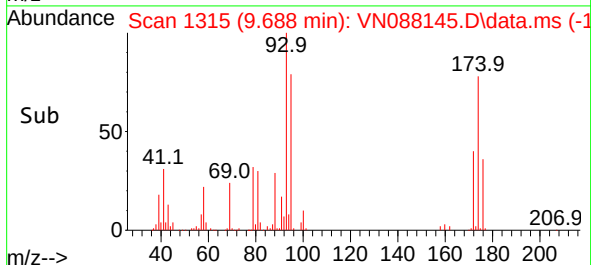
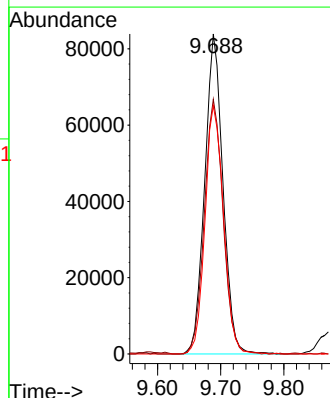
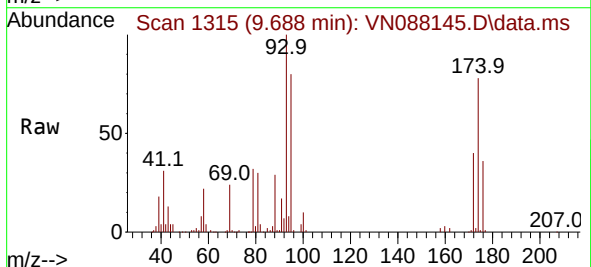
Tgt Ion: 93 Resp: 168362

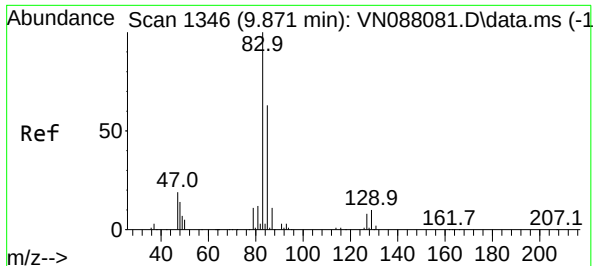
Ion Ratio Lower Upper

93 100

95 82.3 66.2 99.4

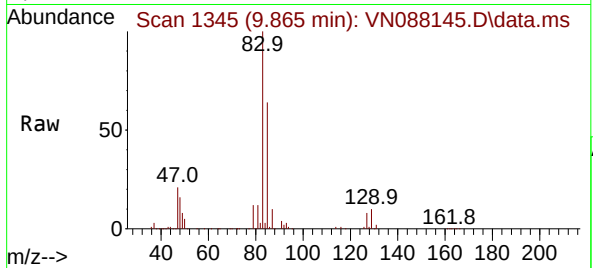
174 78.9 63.4 95.2





#47
Bromodichloromethane
Concen: 50.754 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

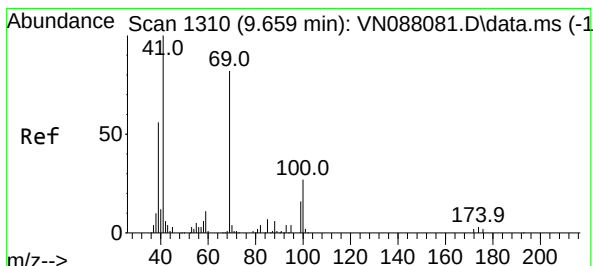
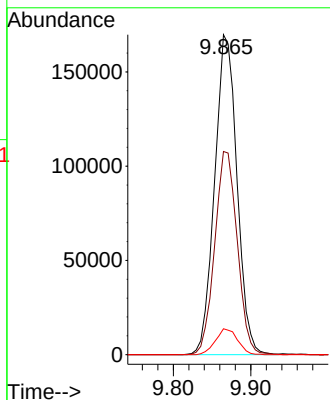
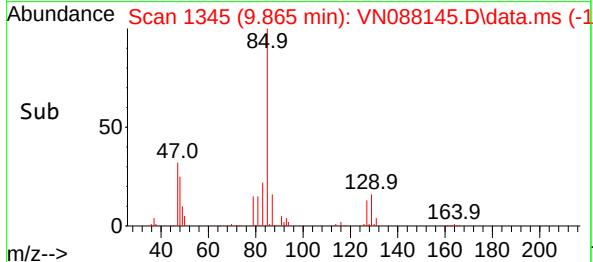
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 340400
Ion Ratio Lower Upper
83 100
85 63.5 52.5 78.7
127 8.1 5.8 8.6

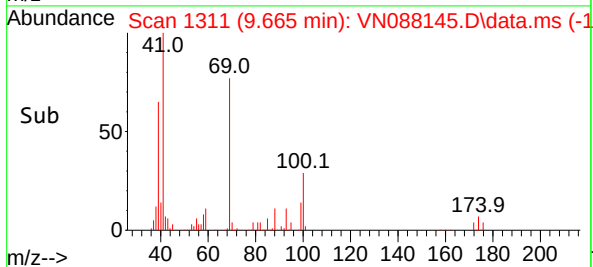
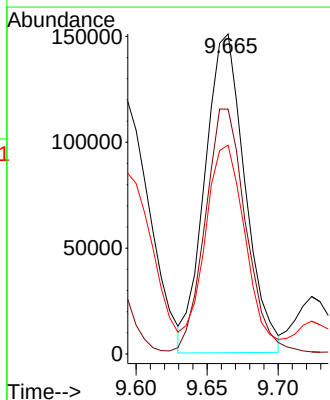
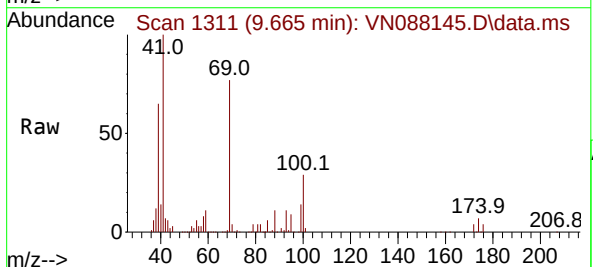
Manual Integrations
APPROVED

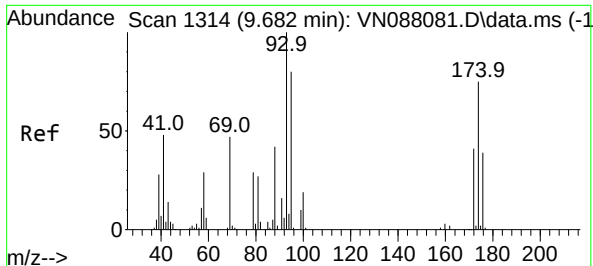
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#48
Methyl methacrylate
Concen: 52.961 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

Tgt Ion: 41 Resp: 296201
Ion Ratio Lower Upper
41 100
69 78.7 62.7 94.1
39 66.4 52.9 79.3





#49

1,4-Dioxane

Concen: 958.809 ug/l

RT: 9.676 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088145.D

Acq: 28 Oct 2025 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

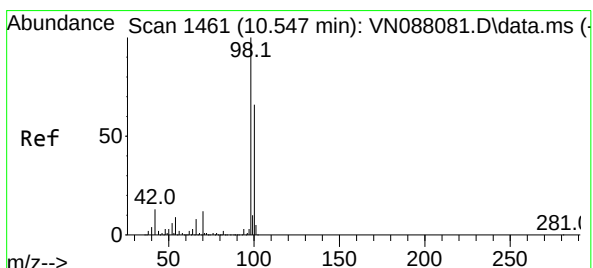
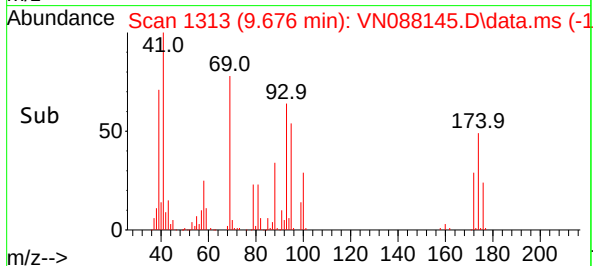
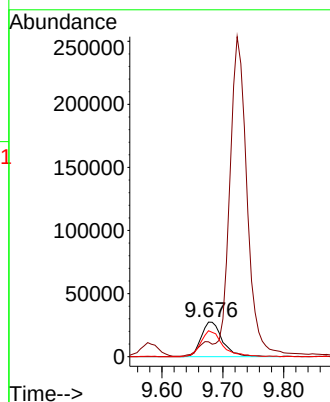
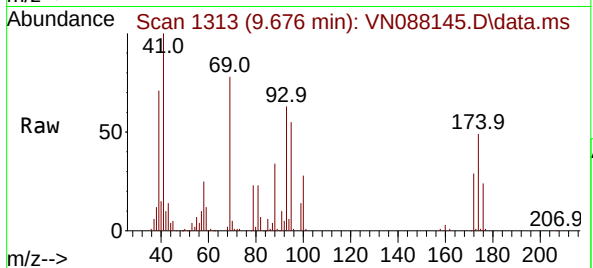
Tgt Ion: 88 Resp: 6669
 Ion Ratio Lower Upper
 88 100
 43 28.9 0.0 0.0
 58 76.2 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/29/2025

Supervised By :Semsettin Yesilyurt 10/29/2025



#50

Toluene-d8

Concen: 46.821 ug/l

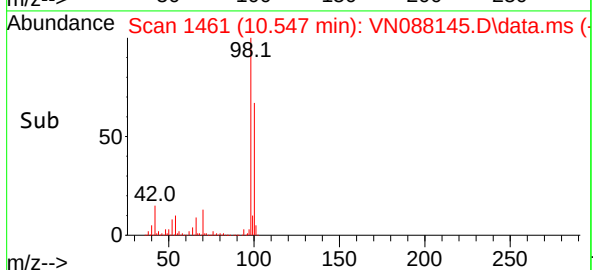
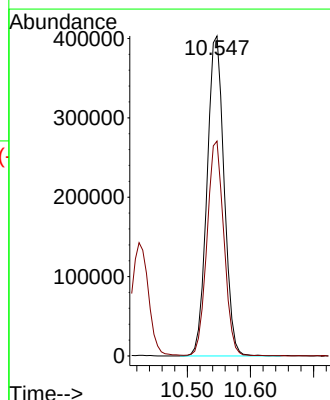
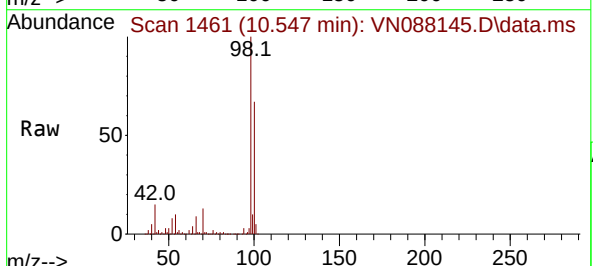
RT: 10.547 min Scan# 1461

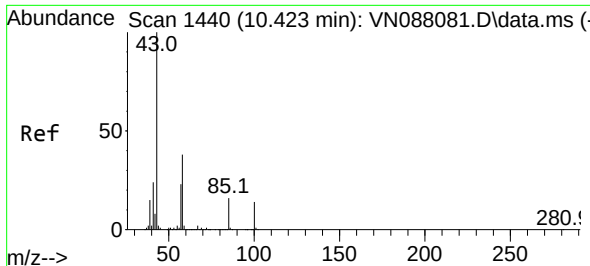
Delta R.T. -0.000 min

Lab File: VN088145.D

Acq: 28 Oct 2025 17:06

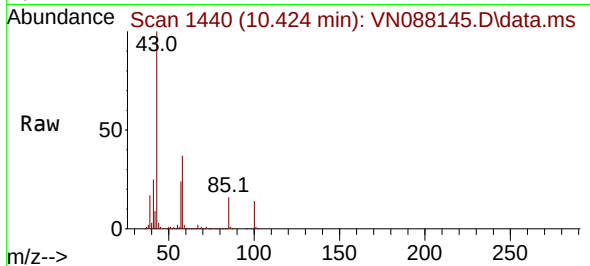
Tgt Ion: 98 Resp: 754821
 Ion Ratio Lower Upper
 98 100
 100 66.7 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 263.583 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

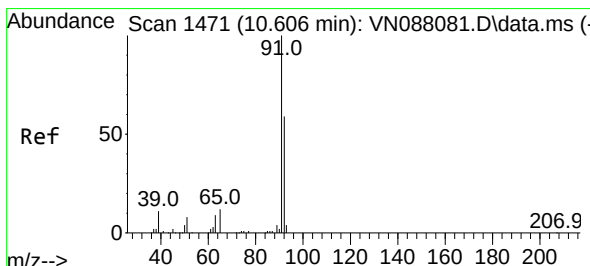
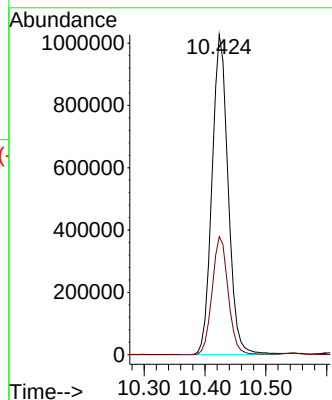
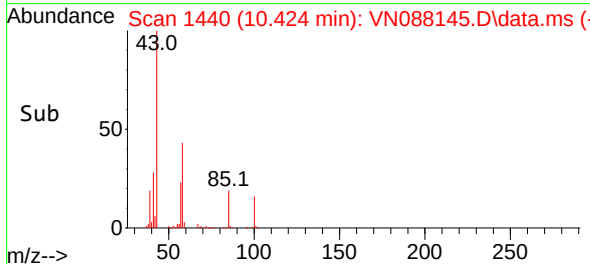
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 188897
Ion Ratio Lower Upper
43 100
58 36.7 29.6 44.4

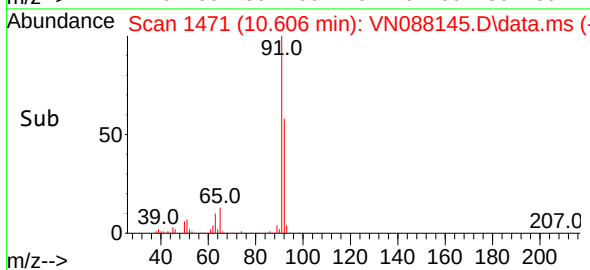
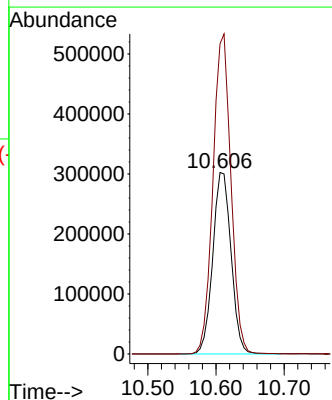
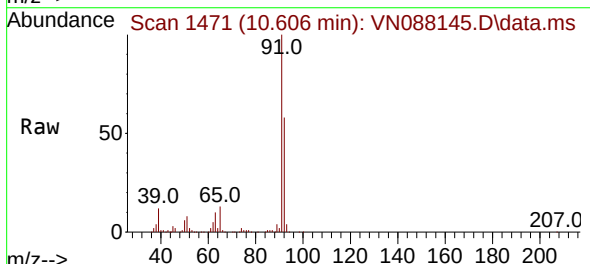
Manual Integrations
APPROVED

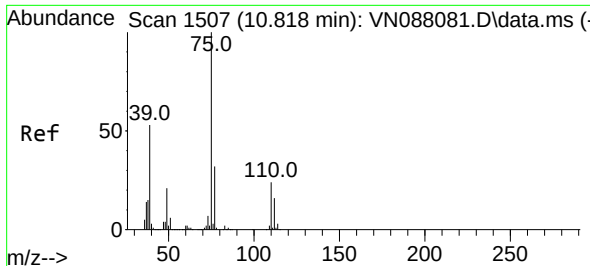
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#52
Toluene
Concen: 49.284 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

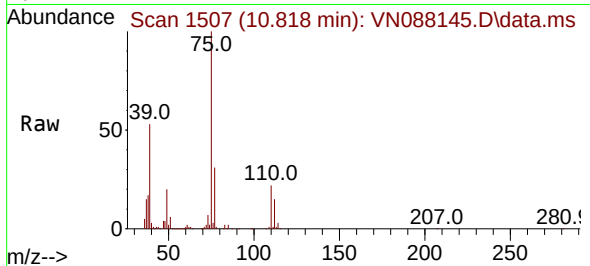
Tgt Ion: 92 Resp: 565319
Ion Ratio Lower Upper
92 100
91 173.2 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 50.944 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

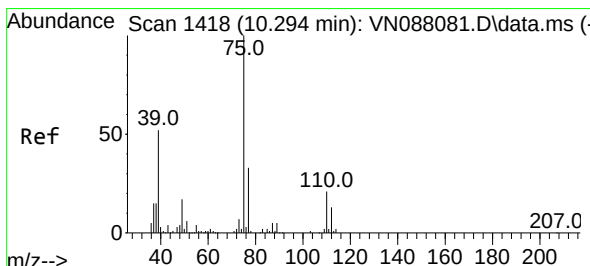
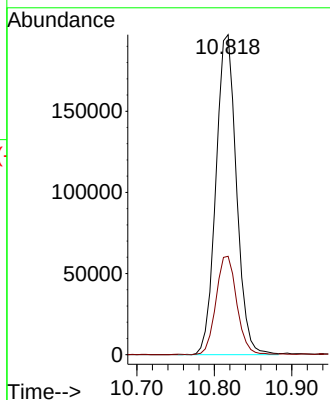
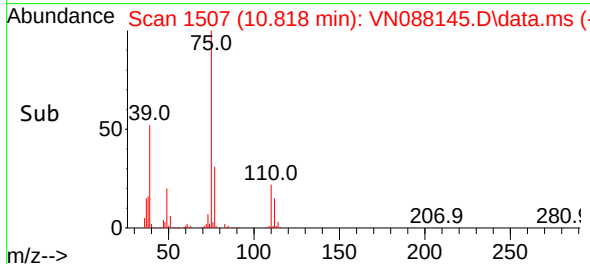
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



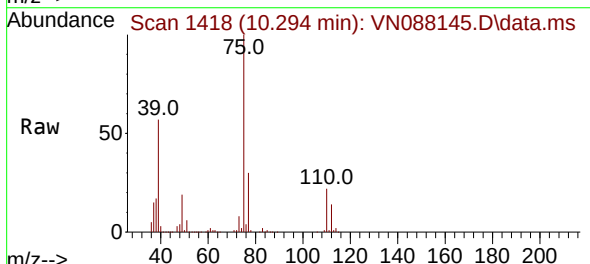
Tgt Ion: 75 Resp: 363648
Ion Ratio Lower Upper
75 100
77 30.6 25.2 37.8

Manual Integrations
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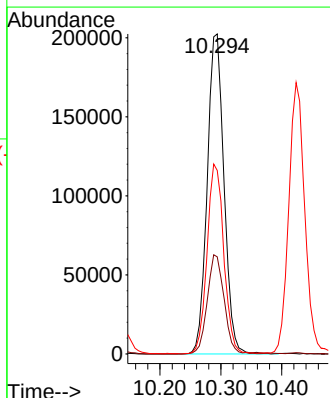
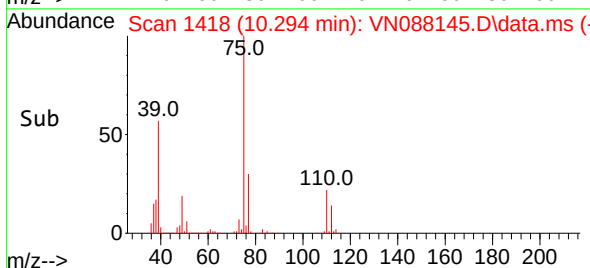
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

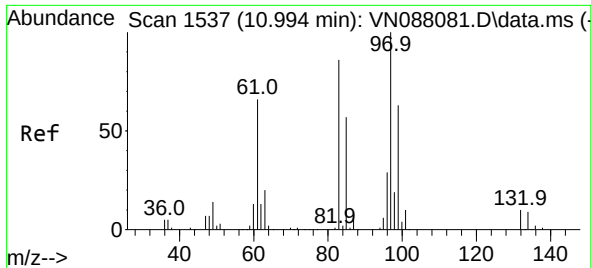


#54
cis-1,3-Dichloropropene
Concen: 51.139 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06



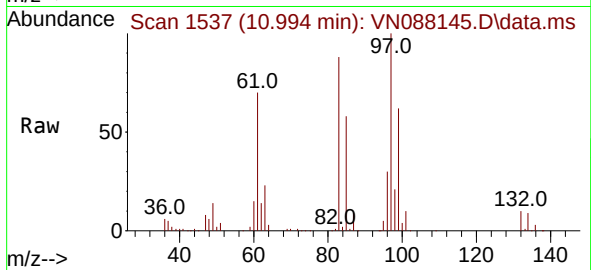
Tgt Ion: 75 Resp: 387360
Ion Ratio Lower Upper
75 100
77 30.4 24.6 37.0
39 57.3 45.2 67.8





#55
 1,1,2-Trichloroethane
 Concen: 48.569 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN088145.D
 Acq: 28 Oct 2025 17:06

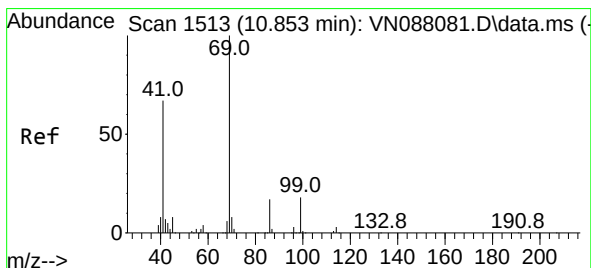
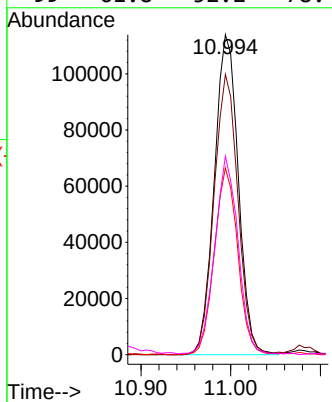
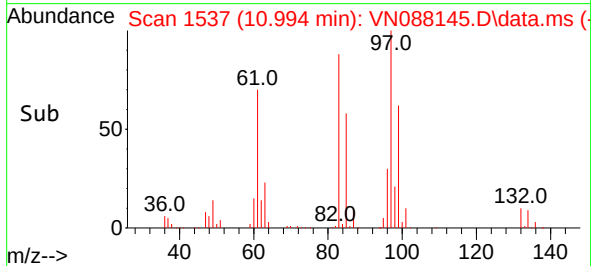
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 97 Resp: 211360
 Ion Ratio Lower Upper
 97 100
 83 87.6 68.2 102.4
 85 58.4 45.5 68.3
 99 61.8 52.2 78.4

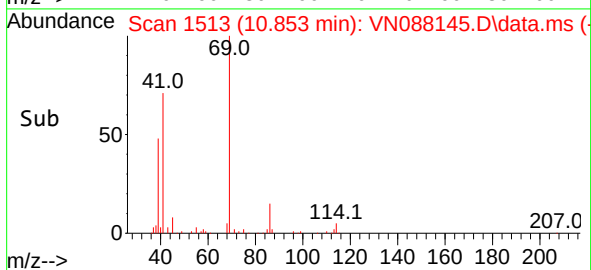
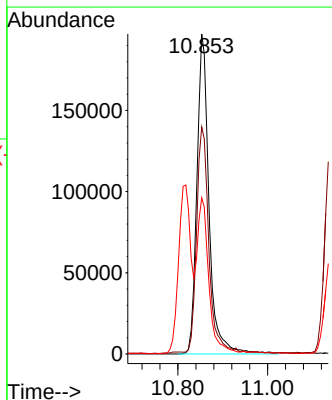
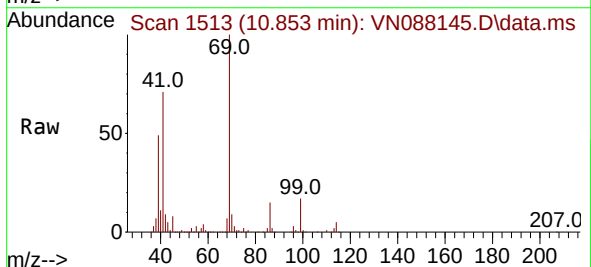
Manual Integrations
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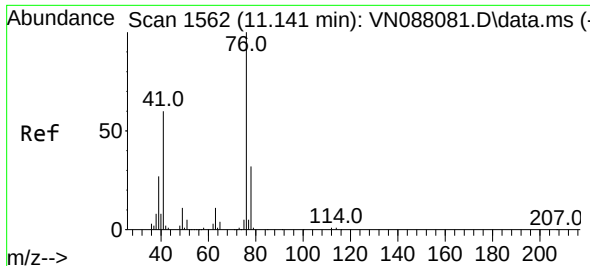
Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025



#56
 Ethyl methacrylate
 Concen: 53.650 ug/l
 RT: 10.853 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN088145.D
 Acq: 28 Oct 2025 17:06

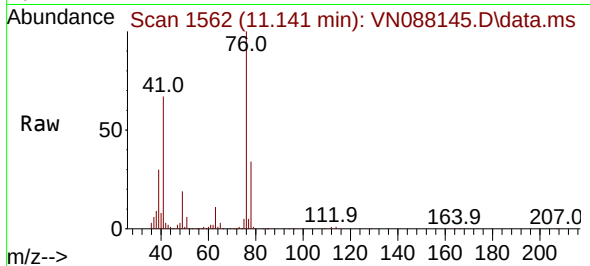
Tgt Ion: 69 Resp: 369474
 Ion Ratio Lower Upper
 69 100
 41 70.2 56.5 84.7
 39 45.9 34.2 51.4





#57
1,3-Dichloropropane
Concen: 50.163 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

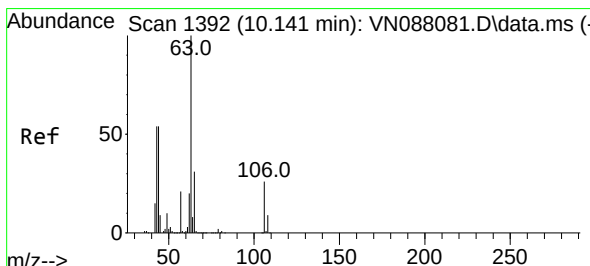
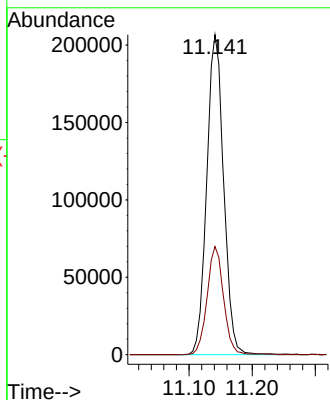
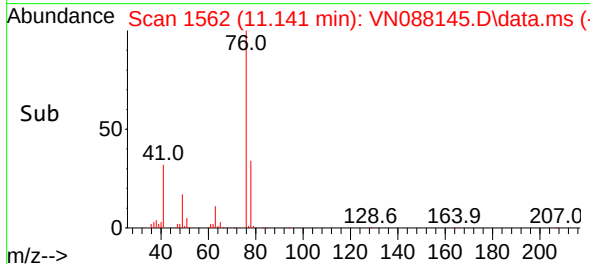
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 383708
Ion Ratio Lower Upper
76 100
78 32.9 26.2 39.4

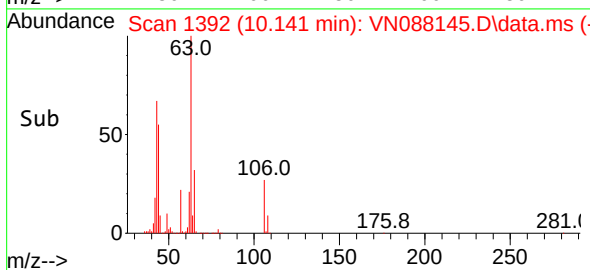
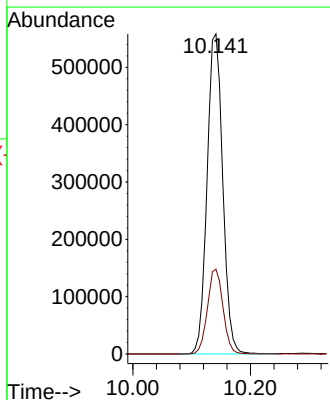
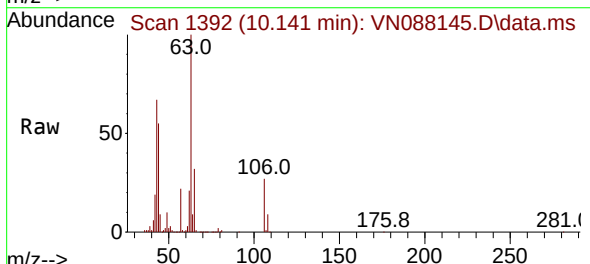
Manual Integrations
APPROVED

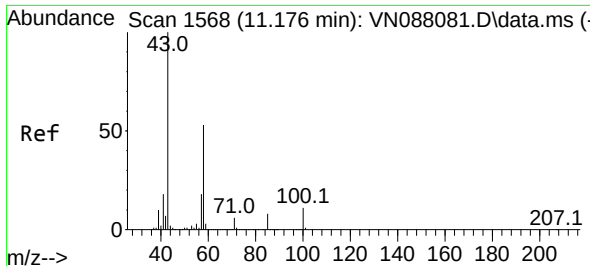
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#58
2-Chloroethyl Vinyl ether
Concen: 287.581 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

Tgt Ion: 63 Resp: 1030178
Ion Ratio Lower Upper
63 100
106 26.3 21.1 31.7





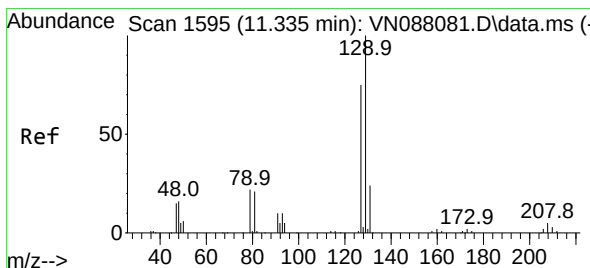
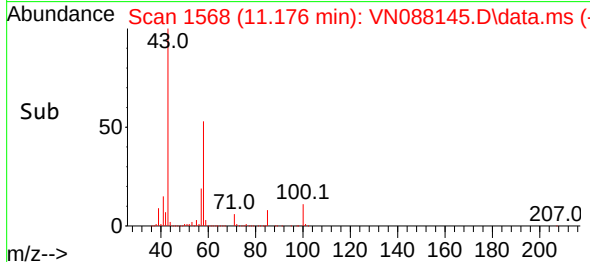
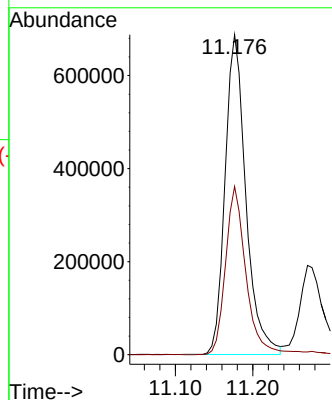
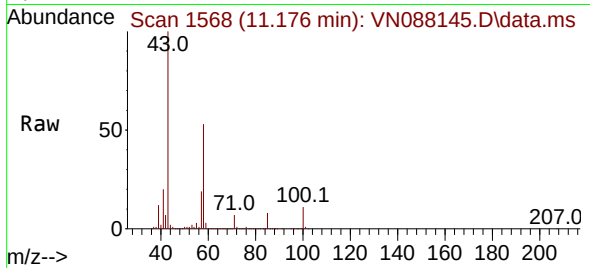
#59
2-Hexanone
Concen: 269.974 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 128348
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.8

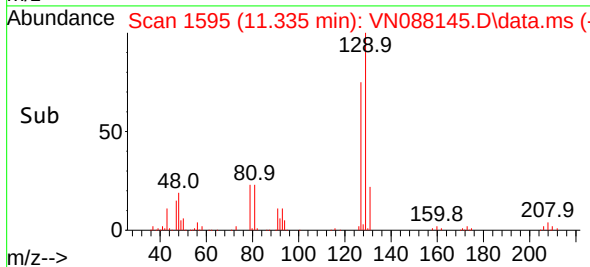
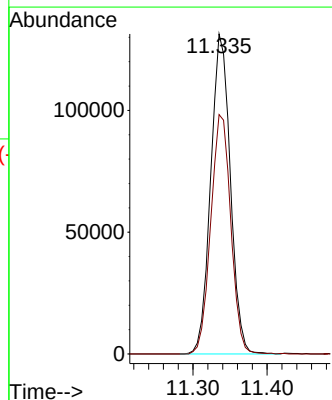
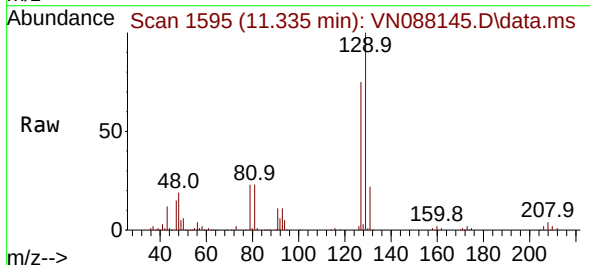
Manual Integrations
APPROVED

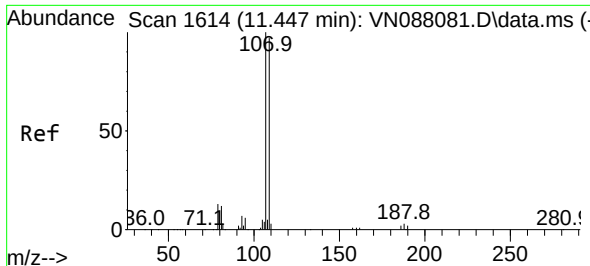
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#60
Dibromochloromethane
Concen: 48.782 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

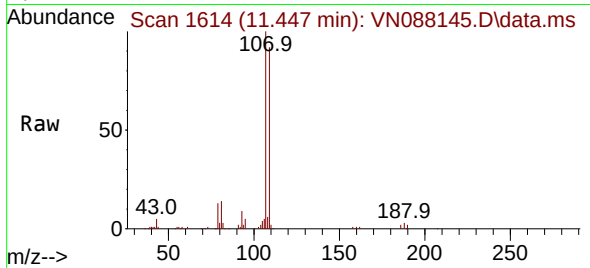
Tgt Ion:129 Resp: 241293
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.3





#61
1,2-Dibromoethane
Concen: 49.413 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

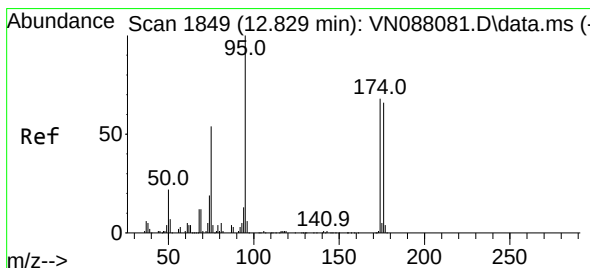
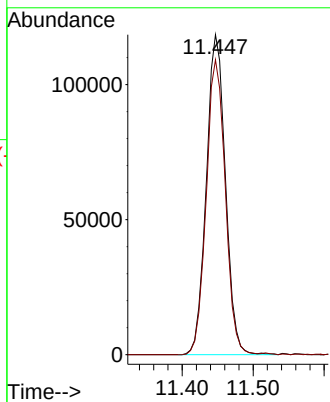
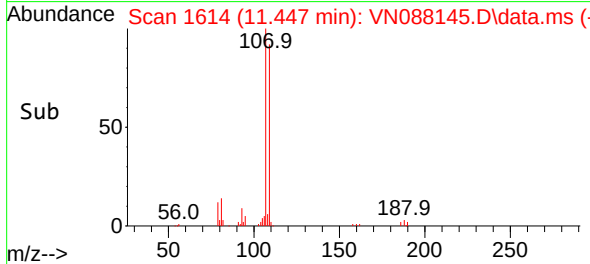
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 221307
Ion Ratio Lower Upper
107 100
109 92.0 74.7 112.1

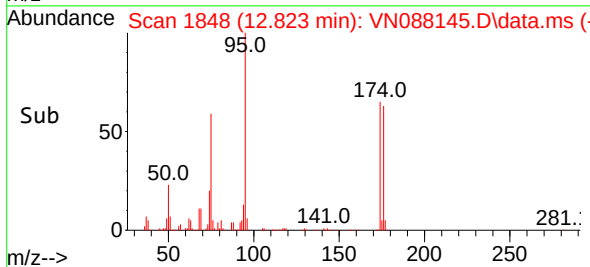
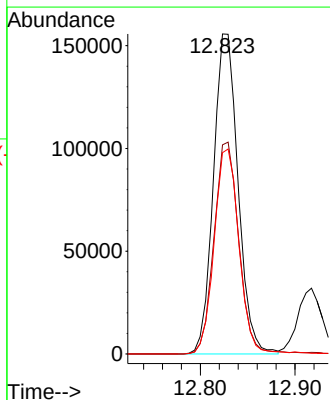
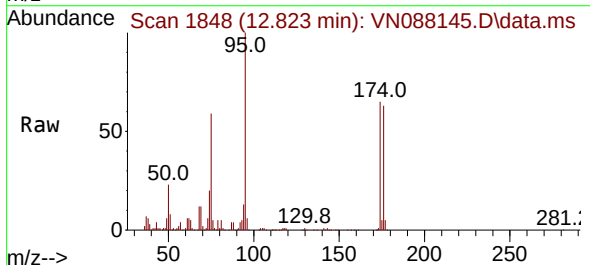
Manual Integrations
APPROVED

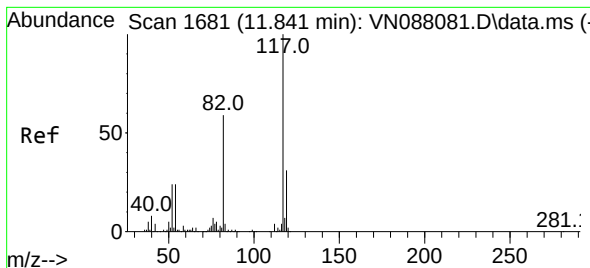
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#62
4-Bromofluorobenzene
Concen: 49.475 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

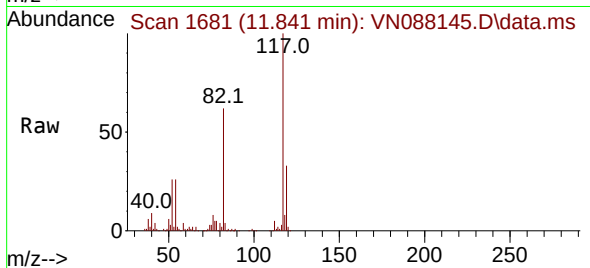
Tgt Ion: 95 Resp: 281684
Ion Ratio Lower Upper
95 100
174 66.6 0.0 138.4
176 64.4 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

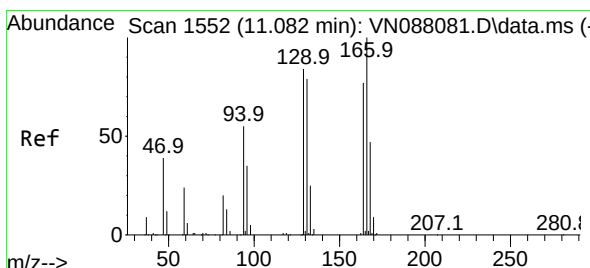
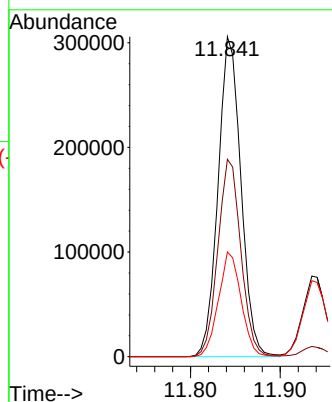
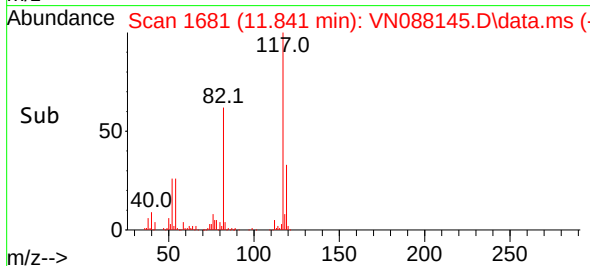
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 541419
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 32.7 24.3 36.5

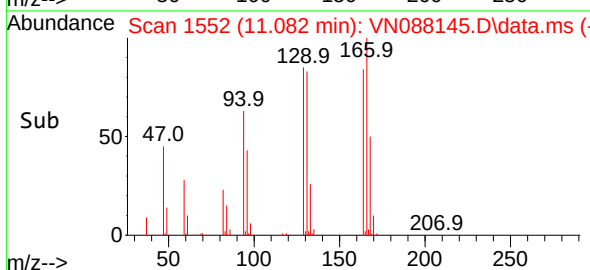
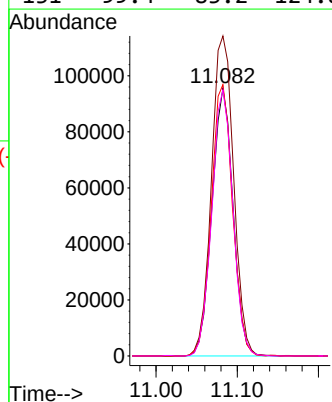
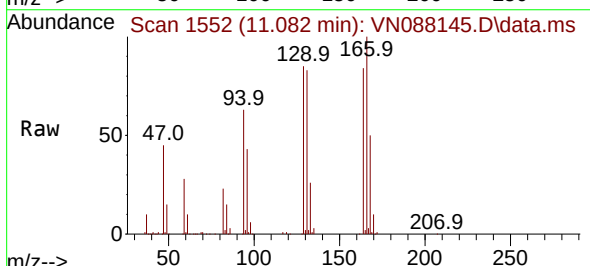
Manual Integrations
APPROVED

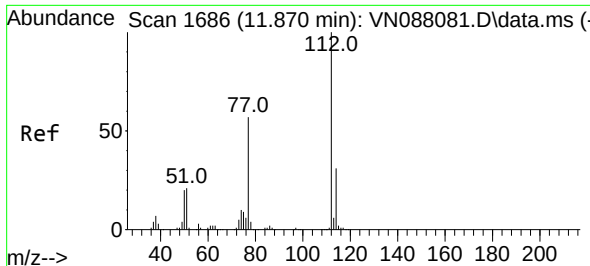
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#64
Tetrachloroethene
Concen: 48.305 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

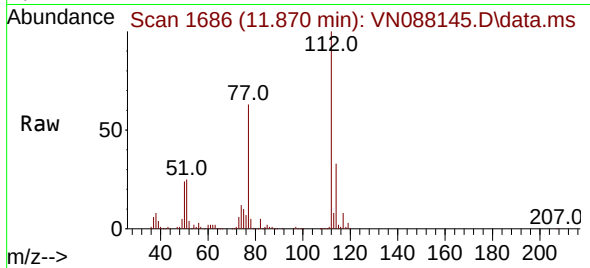
Tgt Ion:164 Resp: 172510
Ion Ratio Lower Upper
164 100
166 119.5 97.7 146.5
129 101.4 85.9 128.9
131 99.4 83.2 124.8





#65
Chlorobenzene
Concen: 48.921 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

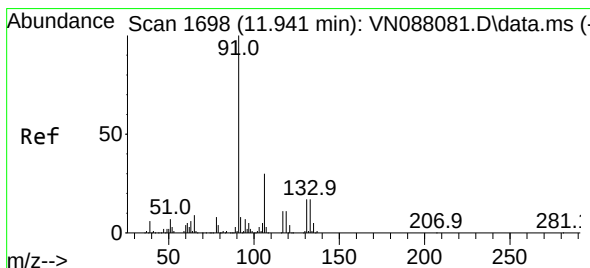
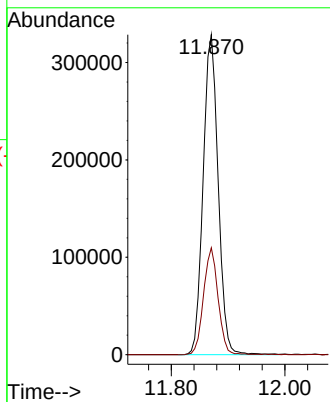
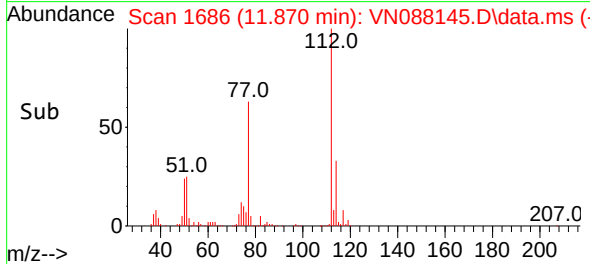
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



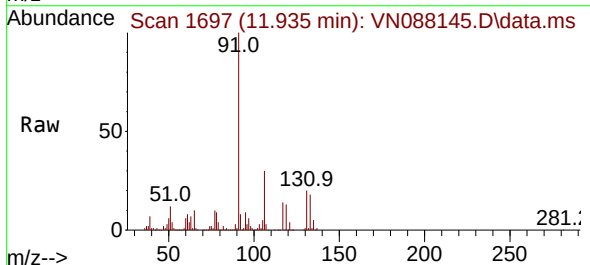
Tgt Ion:112 Resp: 60143
Ion Ratio Lower Upper
112 100
114 33.4 24.3 36.5

Manual Integrations
APPROVED

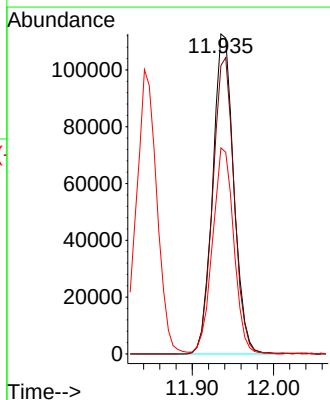
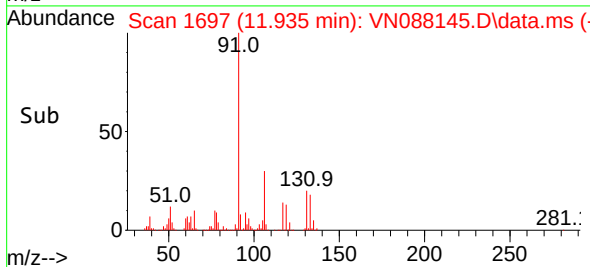
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

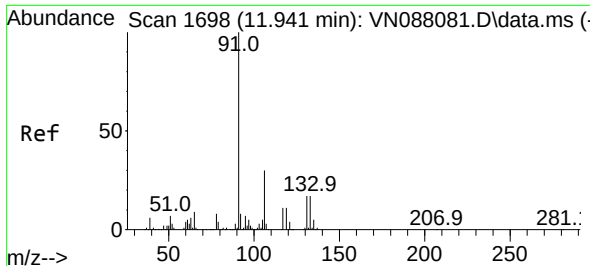


#66
1,1,1,2-Tetrachloroethane
Concen: 50.502 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06



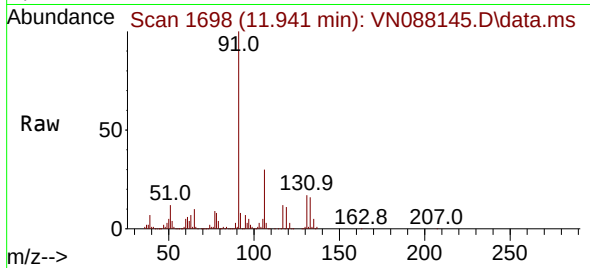
Tgt Ion:131 Resp: 203410
Ion Ratio Lower Upper
131 100
133 94.0 48.0 144.0
119 65.1 32.6 97.7





#67
Ethyl Benzene
Concen: 51.283 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

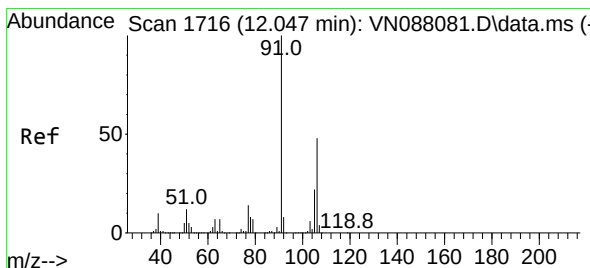
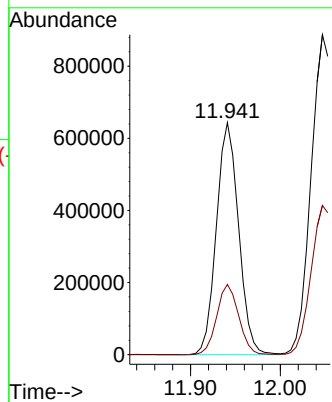
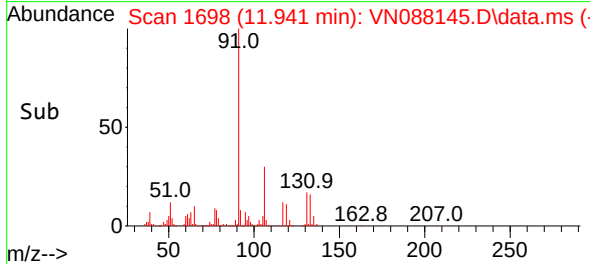
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



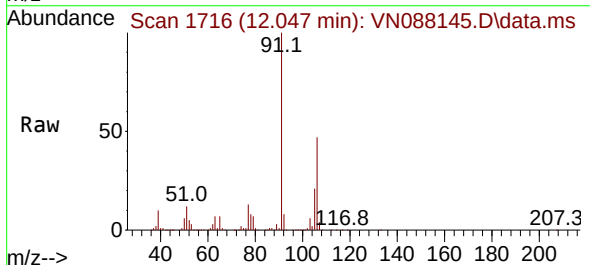
Tgt Ion: 91 Resp: 1106669
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1

Manual Integrations
APPROVED

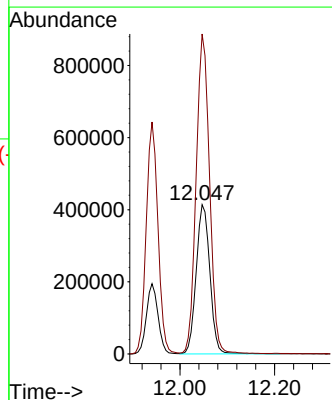
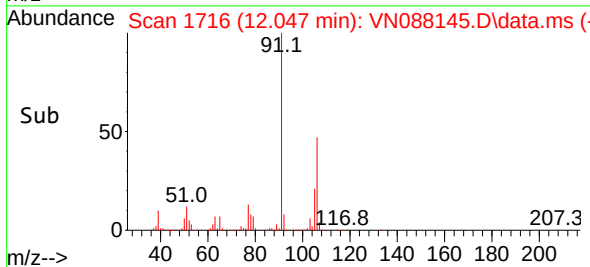
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

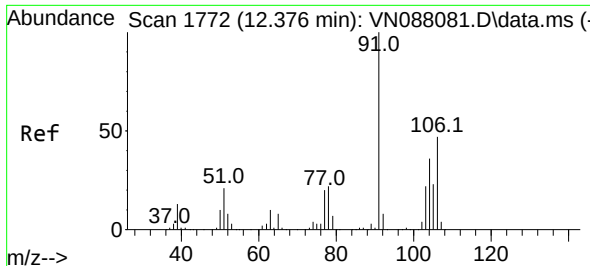


#68
m/p-Xylenes
Concen: 102.506 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06



Tgt Ion:106 Resp: 828815
Ion Ratio Lower Upper
106 100
91 209.6 169.3 253.9





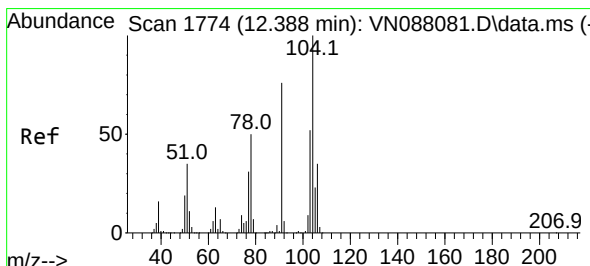
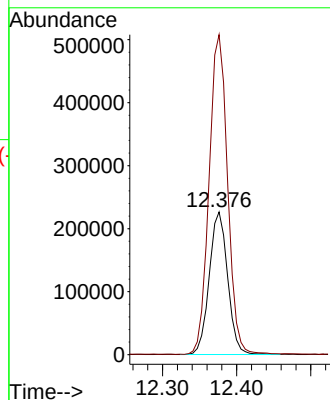
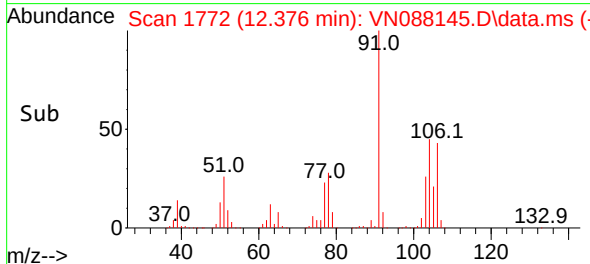
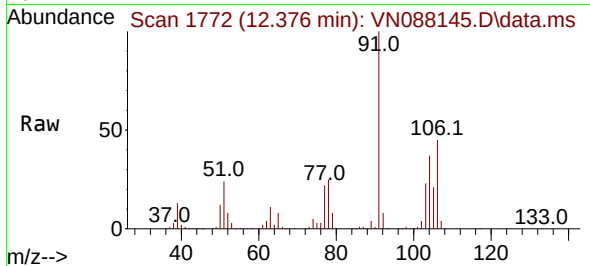
#69
o-Xylene
Concen: 51.025 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 391099
Ion Ratio Lower Upper
106 100
91 225.5 111.4 334.2

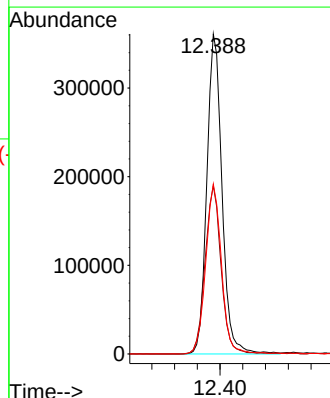
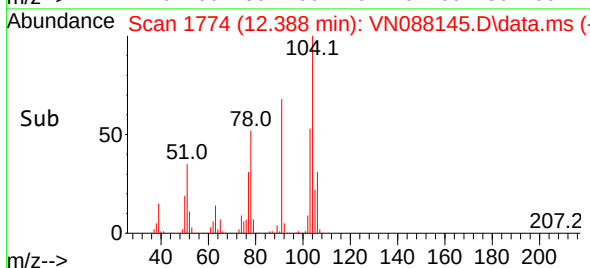
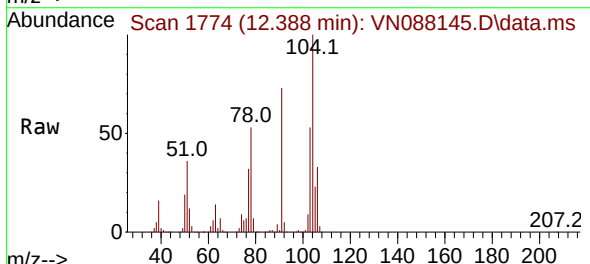
Manual Integrations
APPROVED

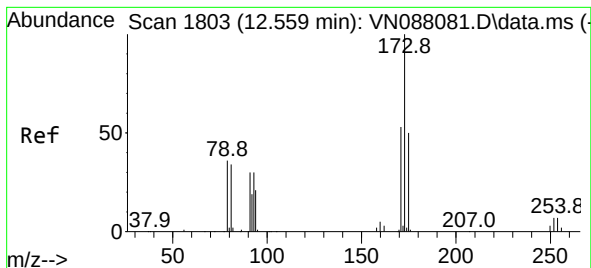
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#70
Styrene
Concen: 53.462 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

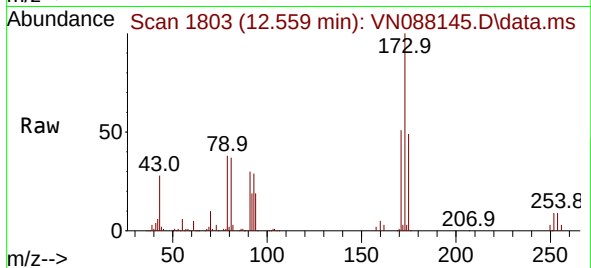
Tgt Ion:104 Resp: 668213
Ion Ratio Lower Upper
104 100
78 55.6 42.2 63.2
103 55.2 43.4 65.2





#71
Bromoform
Concen: 51.261 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

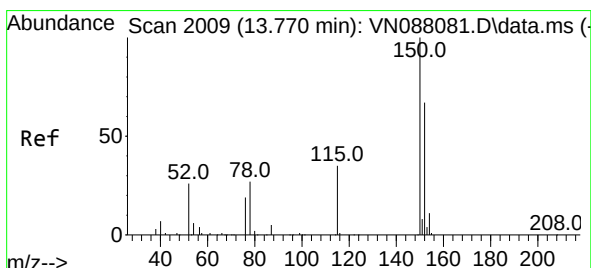
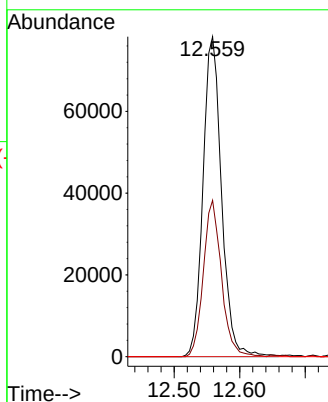
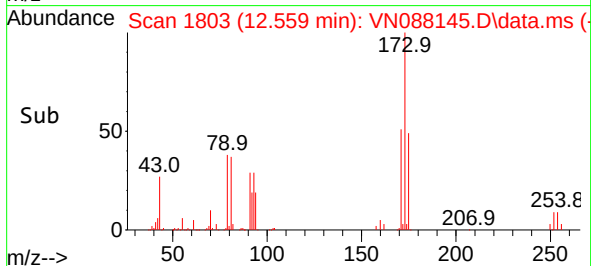
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



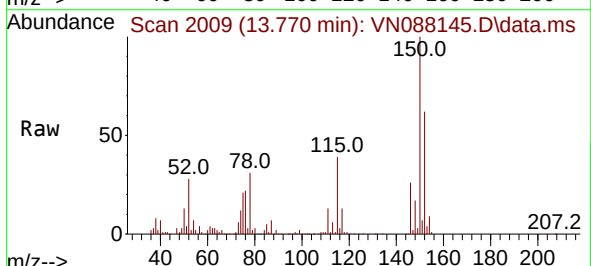
Tgt Ion:173 Resp: 154083
Ion Ratio Lower Upper
173 100
175 47.7 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

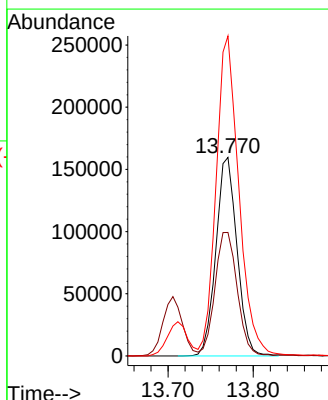
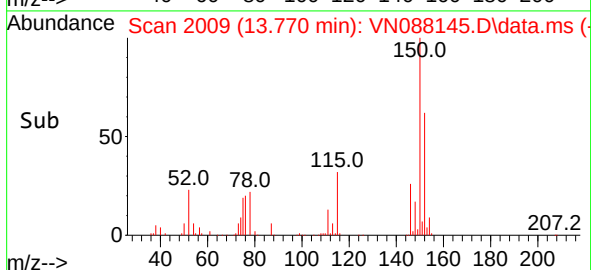
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

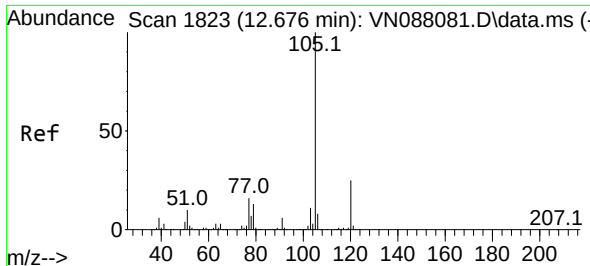


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06



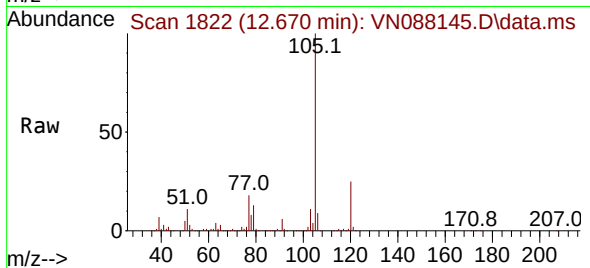
Tgt Ion:152 Resp: 275555
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 172.8 0.0 351.0





#73
Isopropylbenzene
Concen: 49.480 ug/l
RT: 12.670 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

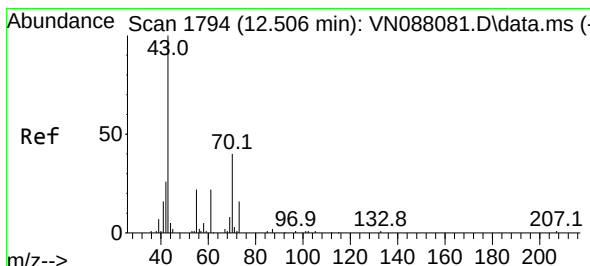
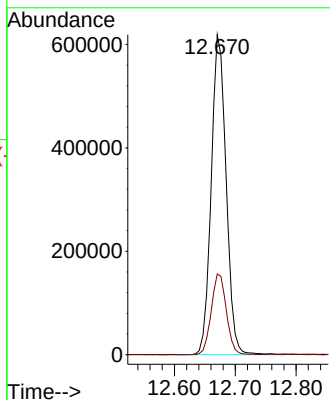
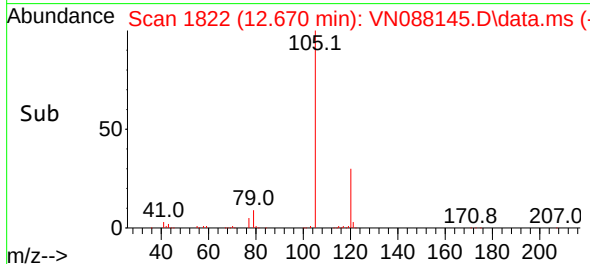
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 105158
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3

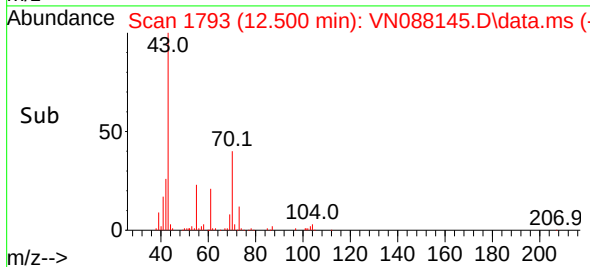
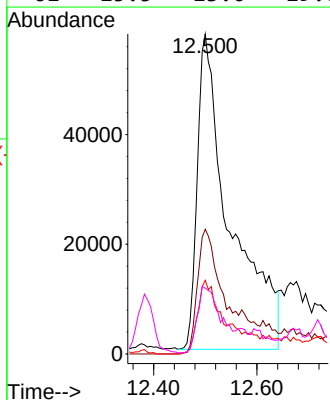
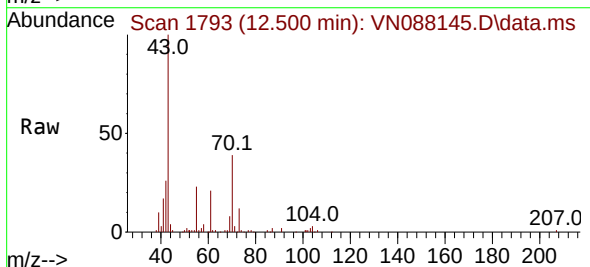
Manual Integrations
APPROVED

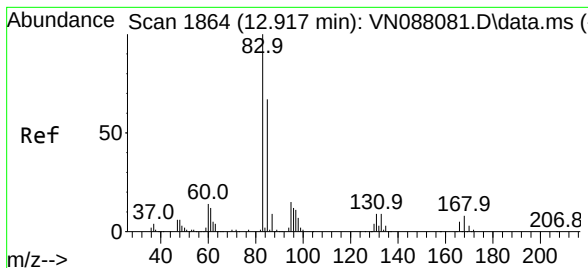
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#74
N-ethyl acetate
Concen: 42.157 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

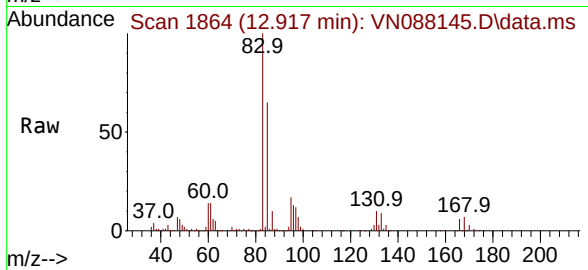
Tgt Ion: 43 Resp: 254341
Ion Ratio Lower Upper
43 100
70 35.2 27.6 41.4
55 14.4 13.0 19.6
61 15.5 13.0 19.6





#75
1,1,2,2-Tetrachloroethane
Concen: 48.523 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

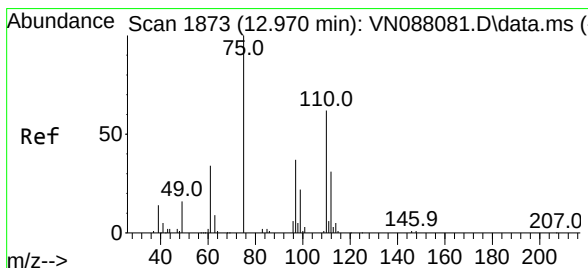
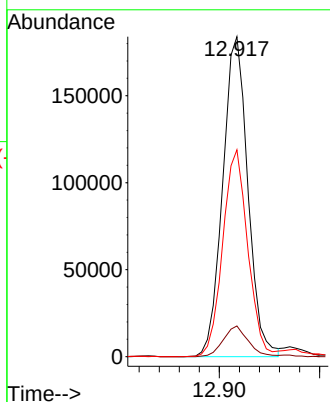
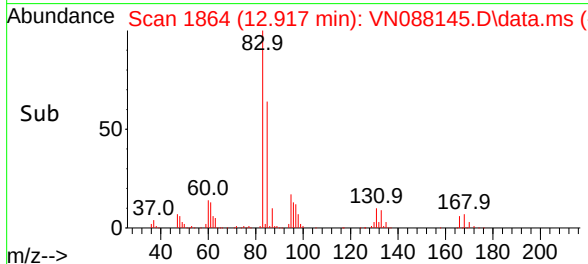
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 321059
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 64.4 32.1 96.3

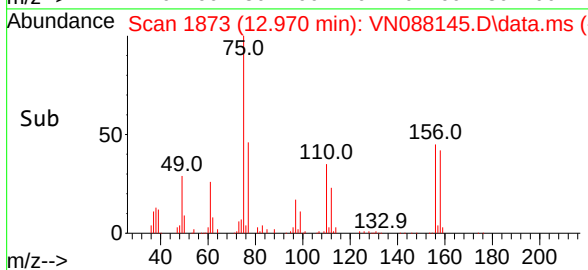
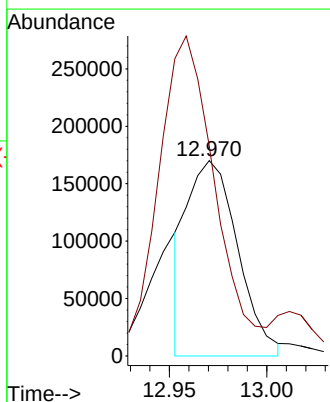
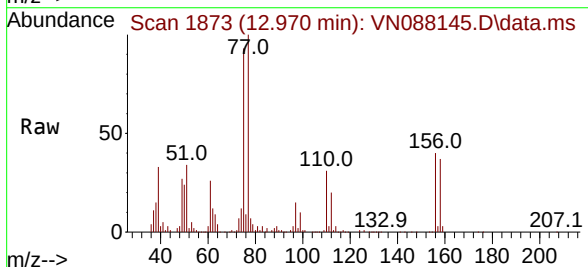
Manual Integrations
APPROVED

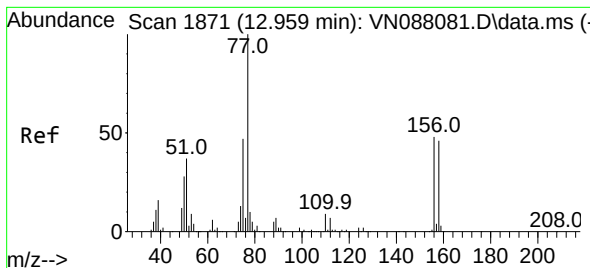
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#76
1,2,3-Trichloropropane
Concen: 48.703 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

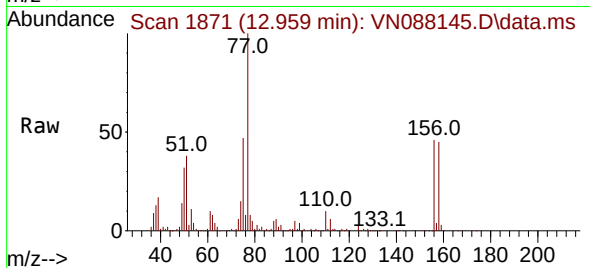
Tgt Ion: 75 Resp: 306833
Ion Ratio Lower Upper
75 100
77 185.2 89.1 267.4





#77
Bromobenzene
Concen: 50.219 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

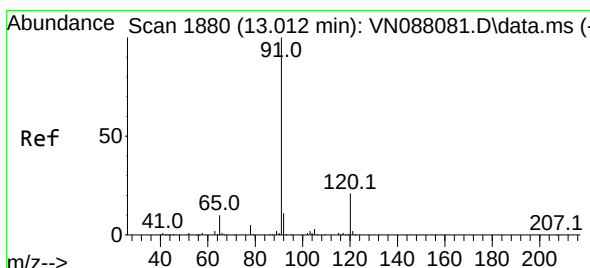
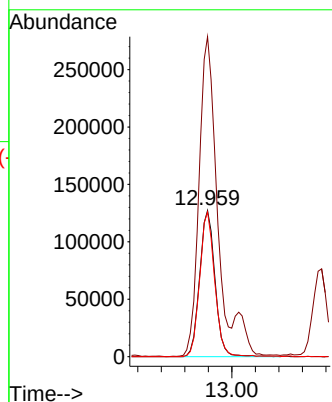
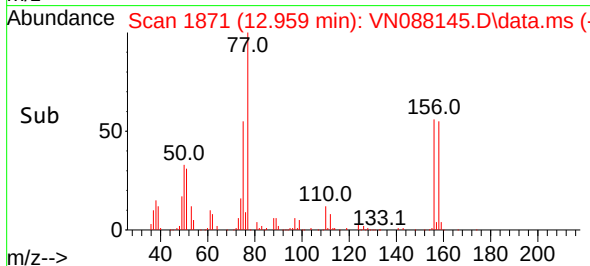
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 230150
Ion Ratio Lower Upper
156 100
77 246.9 119.3 358.0
158 97.1 48.2 144.6

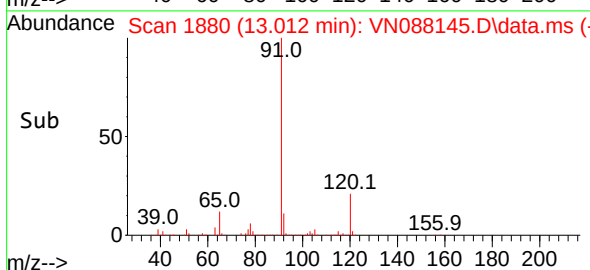
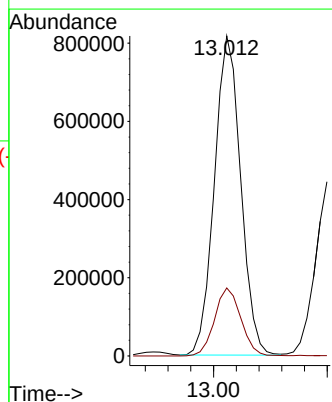
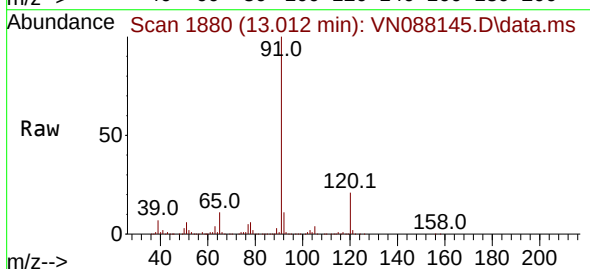
Manual Integrations
APPROVED

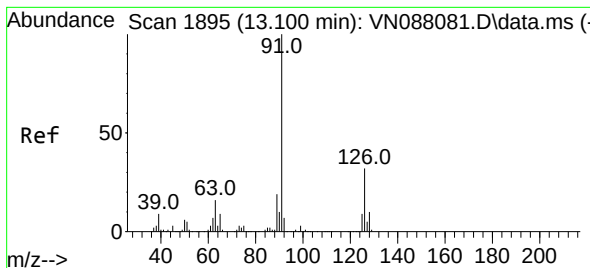
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#78
n-propylbenzene
Concen: 50.541 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

Tgt Ion: 91 Resp: 1310813
Ion Ratio Lower Upper
91 100
120 21.4 10.7 32.1





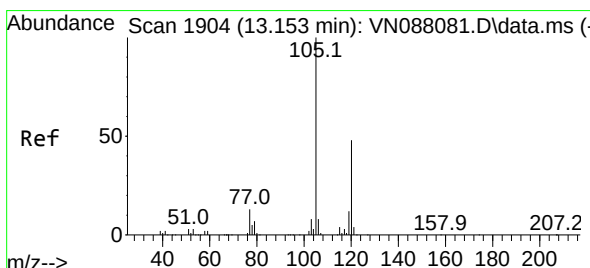
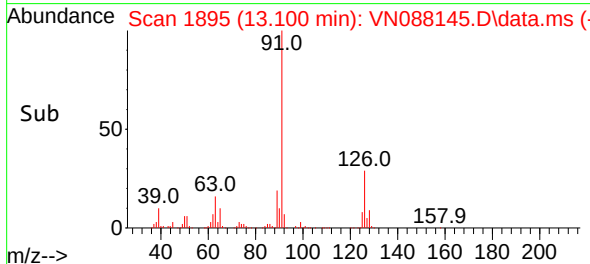
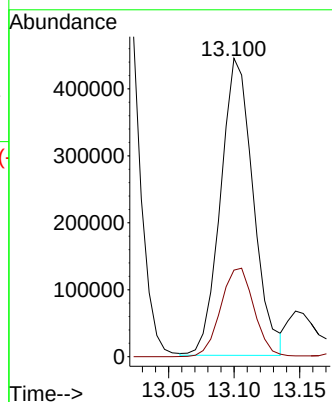
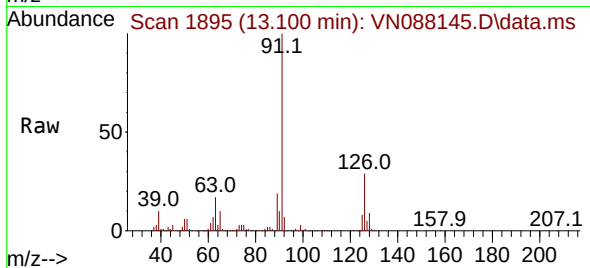
#79
2-Chlorotoluene
Concen: 52.081 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 770312
Ion Ratio Lower Upper
91 100
126 30.4 16.1 48.3

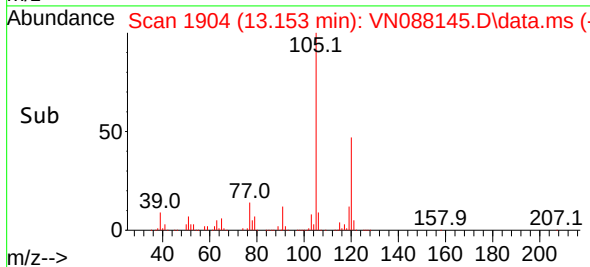
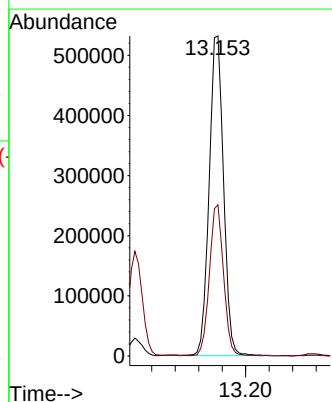
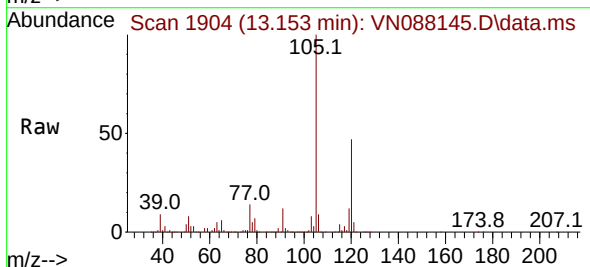
Manual Integrations
APPROVED

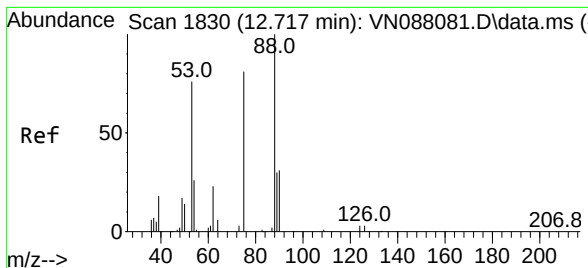
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.265 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

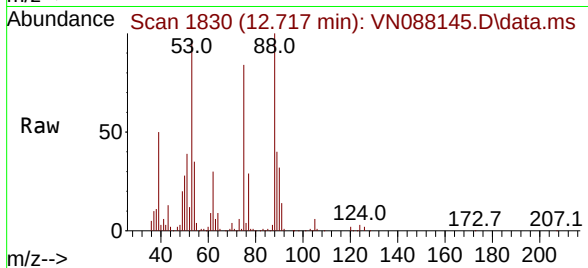
Tgt Ion:105 Resp: 904851
Ion Ratio Lower Upper
105 100
120 46.2 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 44.996 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

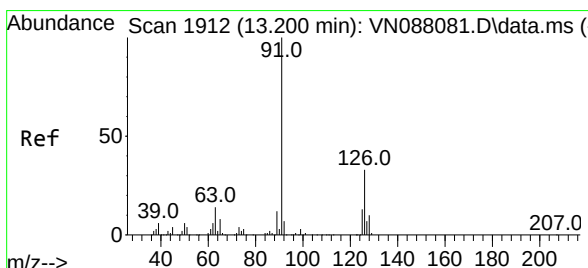
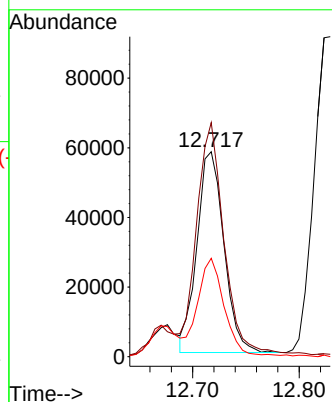
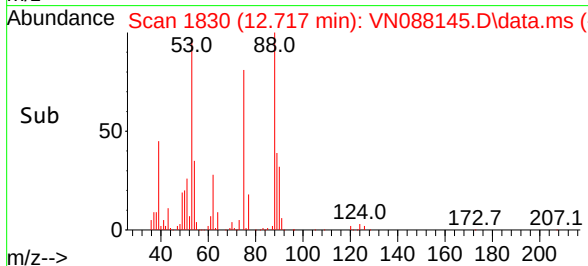
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 10162
Ion Ratio Lower Upper
75 100
53 125.0 101.8 152.6
89 49.9 35.6 53.4

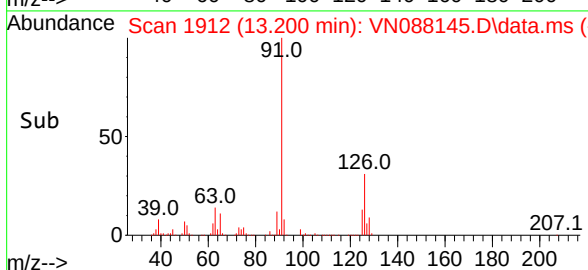
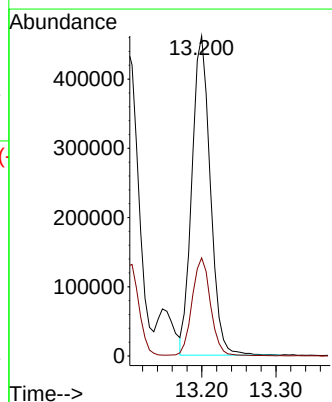
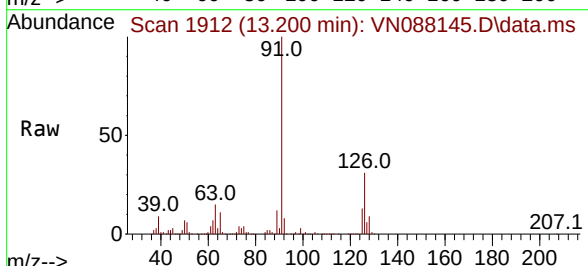
Manual Integrations
APPROVED

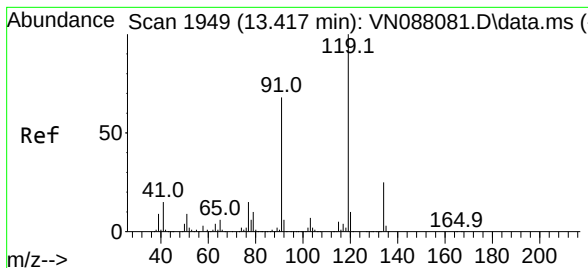
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#82
4-Chlorotoluene
Concen: 49.643 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

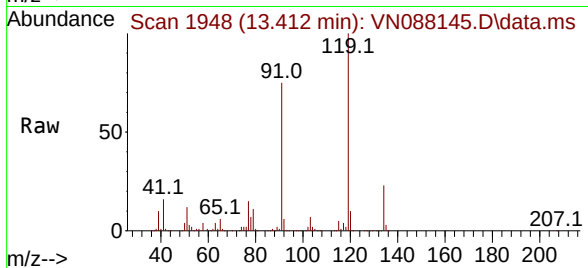
Tgt Ion: 91 Resp: 794390
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.8





#83
tert-Butylbenzene
Concen: 49.760 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

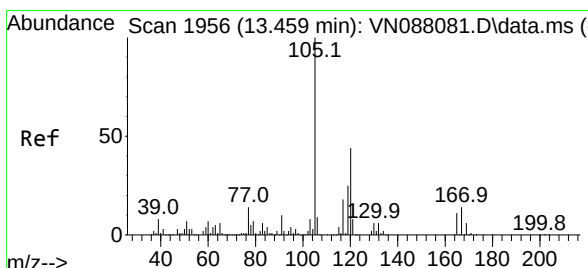
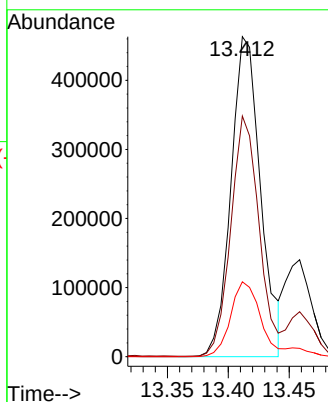
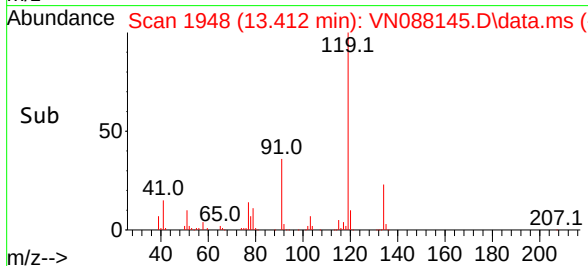
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 784580
Ion Ratio Lower Upper
119 100
91 71.5 35.0 105.0
134 25.6 12.6 37.8

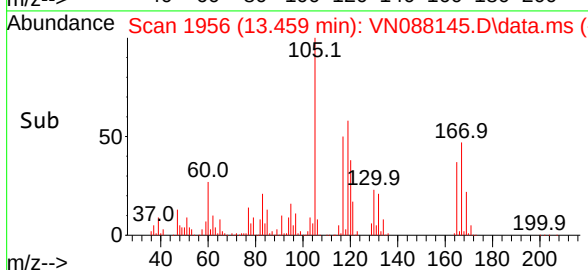
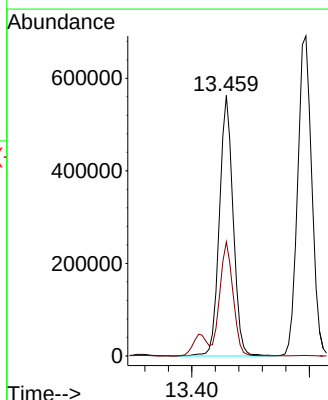
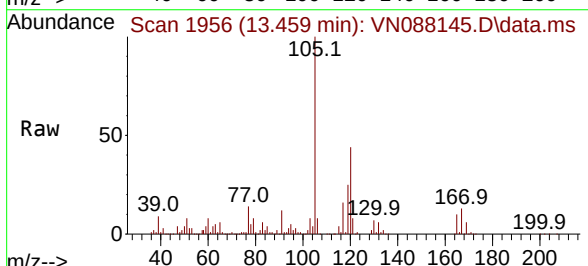
Manual Integrations
APPROVED

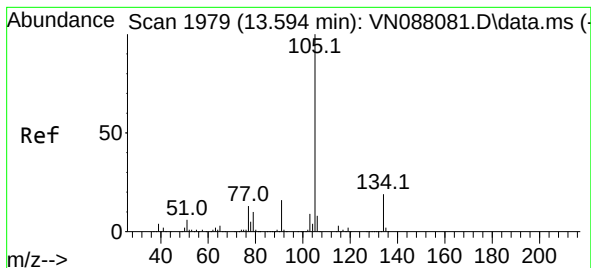
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#84
1,2,4-Trimethylbenzene
Concen: 51.453 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

Tgt Ion:105 Resp: 908644
Ion Ratio Lower Upper
105 100
120 42.7 22.0 66.0





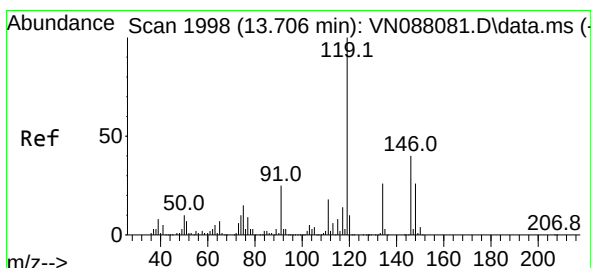
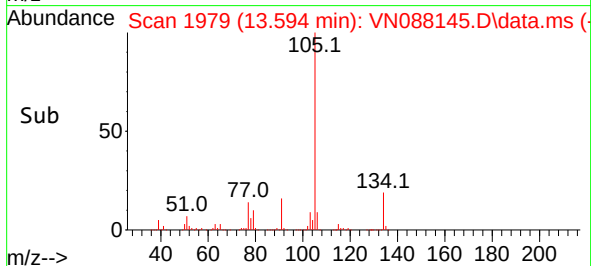
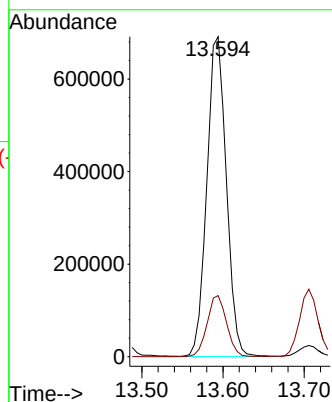
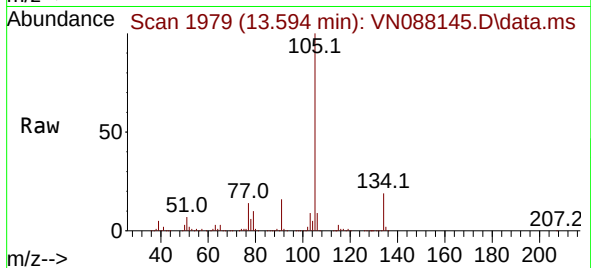
#85
sec-Butylbenzene
Concen: 49.736 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 115215
Ion Ratio Lower Upper
105 100
134 19.1 9.6 28.6

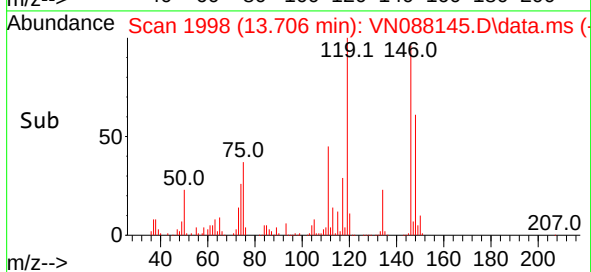
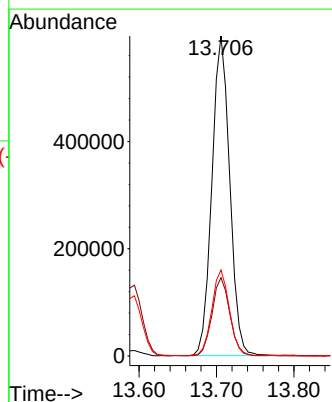
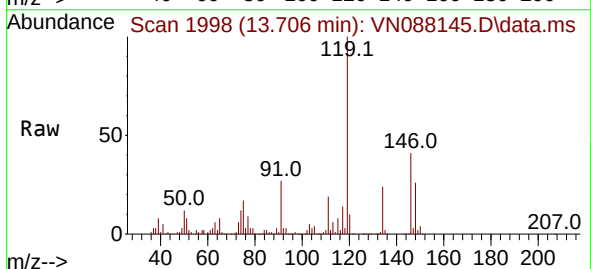
Manual Integrations
APPROVED

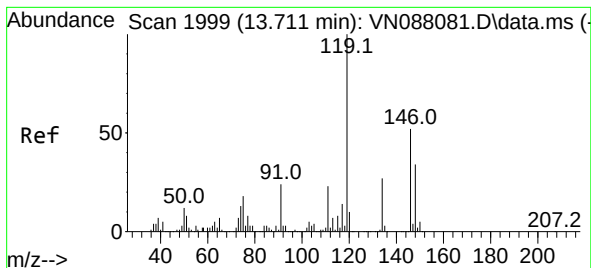
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#86
p-Isopropyltoluene
Concen: 51.174 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

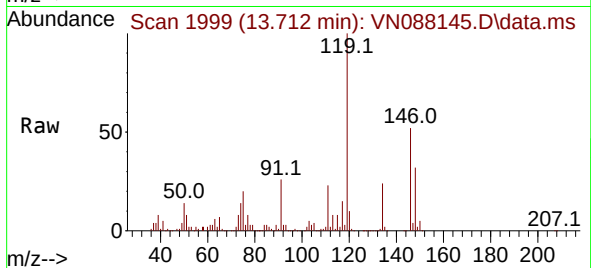
Tgt Ion:119 Resp: 950994
Ion Ratio Lower Upper
119 100
134 24.3 12.7 38.0
91 26.4 12.5 37.5





#87
1,3-Dichlorobenzene
Concen: 49.237 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

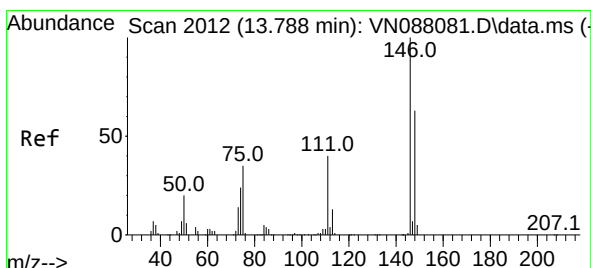
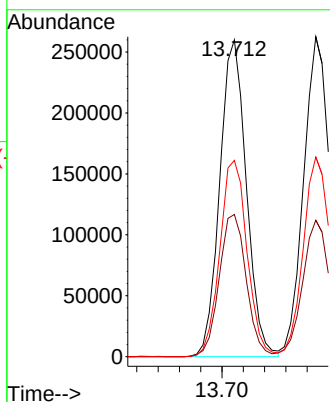
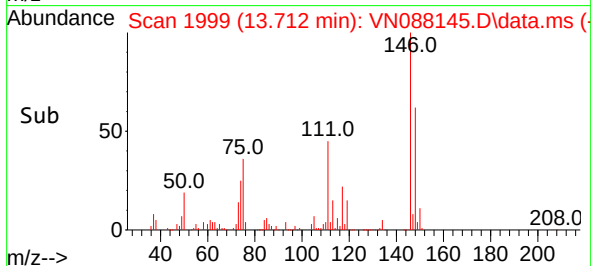
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



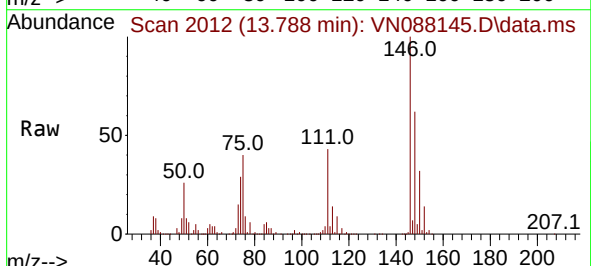
Tgt Ion:146 Resp: 45046
Ion Ratio Lower Upper
146 100
111 45.6 22.1 66.5
148 63.6 32.0 96.2

Manual Integrations
APPROVED

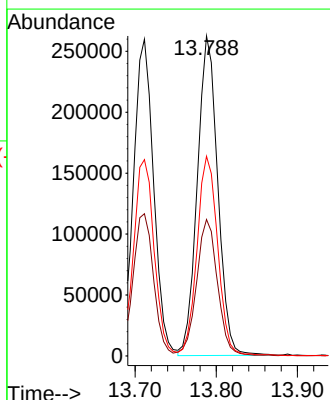
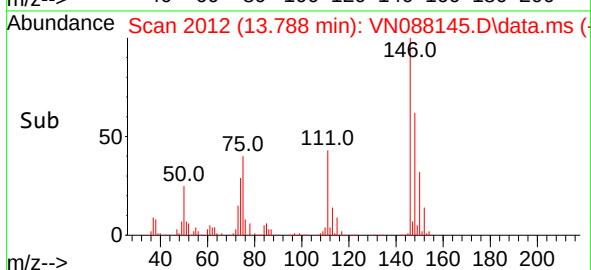
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025

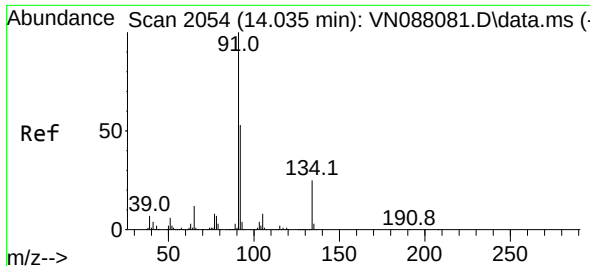


#88
1,4-Dichlorobenzene
Concen: 46.734 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06



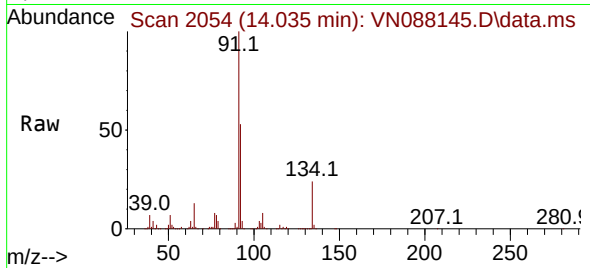
Tgt Ion:146 Resp: 459228
Ion Ratio Lower Upper
146 100
111 43.9 21.0 63.0
148 63.5 32.0 96.0





#89
n-Butylbenzene
Concen: 50.208 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

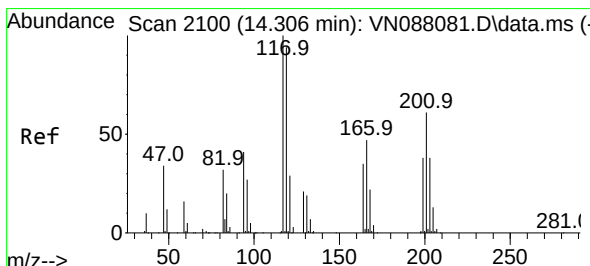
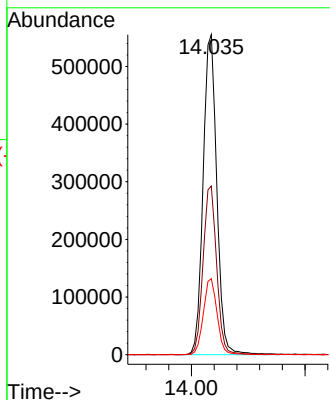
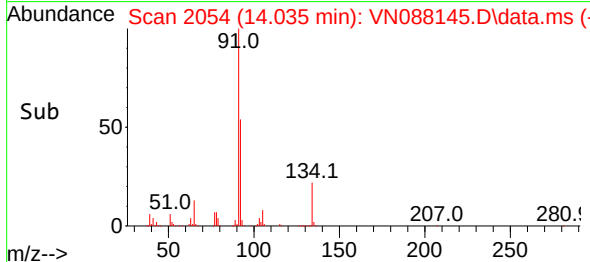
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 924200
Ion Ratio Lower Upper
91 100
92 52.6 25.9 77.8
134 23.9 11.7 35.0

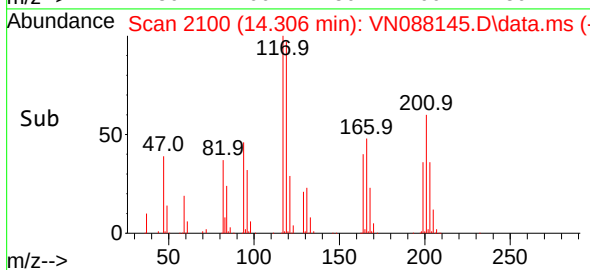
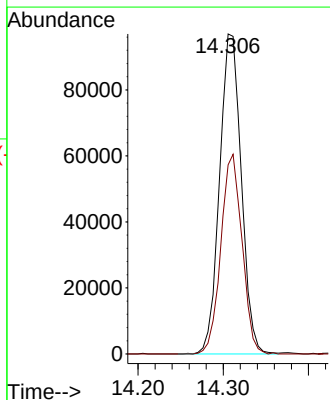
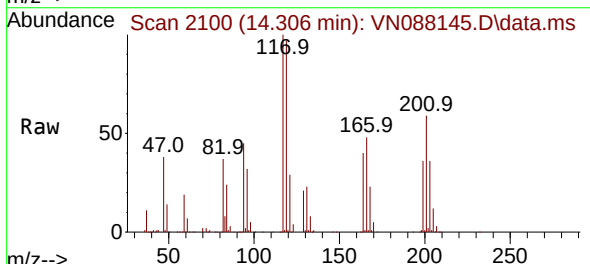
Manual Integrations
APPROVED

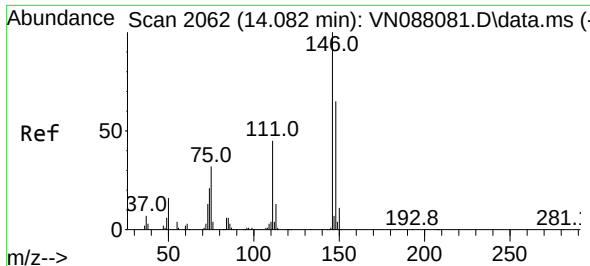
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#90
Hexachloroethane
Concen: 47.695 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

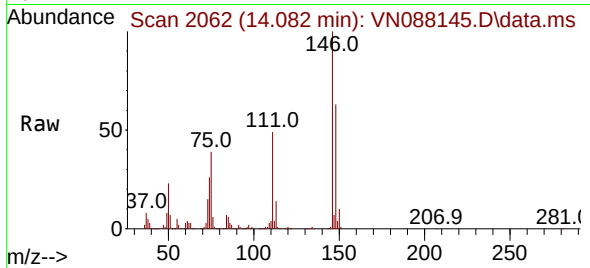
Tgt Ion:117 Resp: 171641
Ion Ratio Lower Upper
117 100
201 60.7 29.1 87.4





#91
 1,2-Dichlorobenzene
 Concen: 48.274 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088145.D
 Acq: 28 Oct 2025 17:06

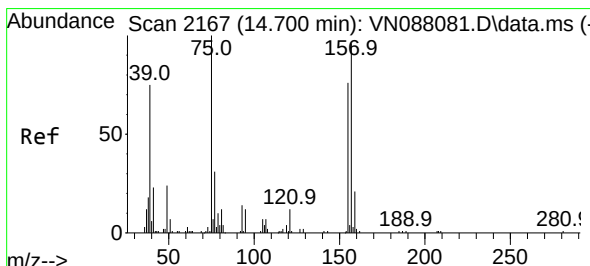
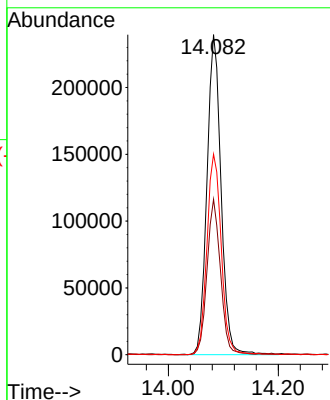
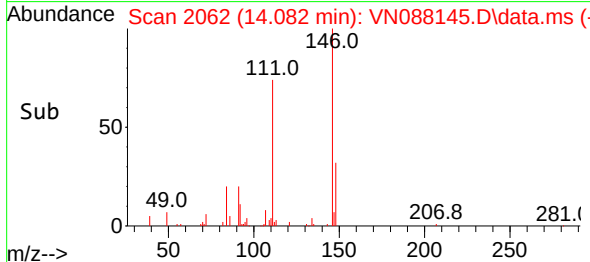
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



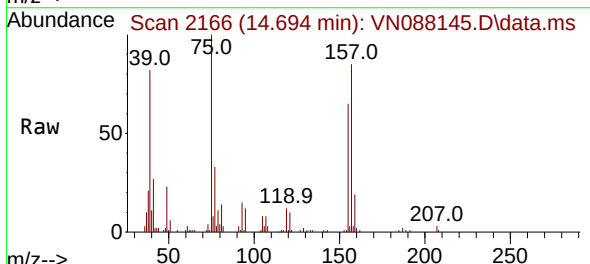
Tgt Ion:146 Resp: 425729
 Ion Ratio Lower Upper
 146 100
 111 46.4 22.6 67.8
 148 63.7 31.9 95.9

Manual Integrations
 APPROVED

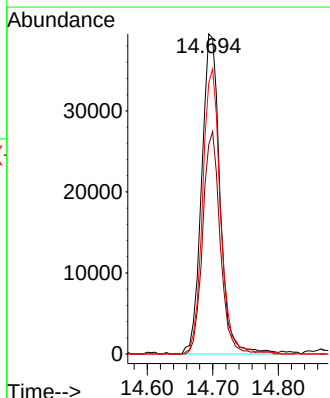
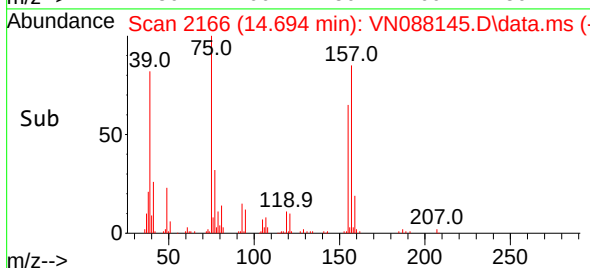
Reviewed By :John Carlone 10/29/2025
 Supervised By :Semsettin Yesilyurt 10/29/2025

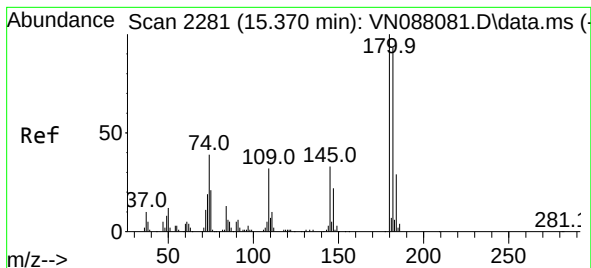


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.909 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN088145.D
 Acq: 28 Oct 2025 17:06



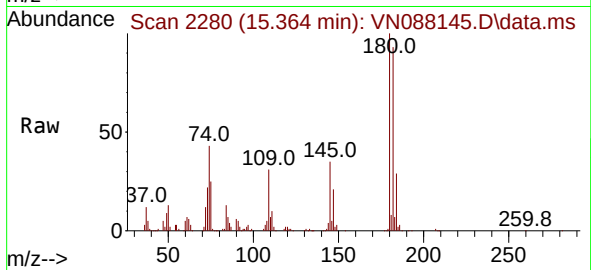
Tgt Ion: 75 Resp: 76862
 Ion Ratio Lower Upper
 75 100
 155 65.9 36.6 109.9
 157 87.0 45.6 136.9





#93
1,2,4-Trichlorobenzene
Concen: 47.809 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

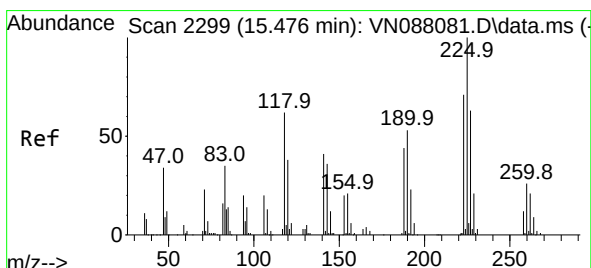
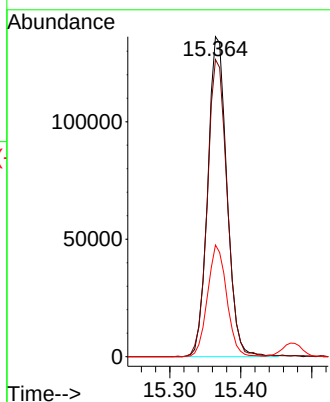
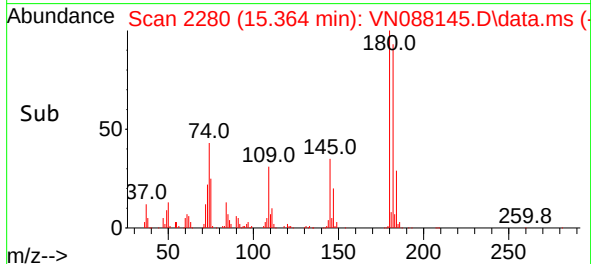
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 255348
Ion Ratio Lower Upper
180 100
182 95.8 47.6 142.9
145 35.0 16.5 49.5

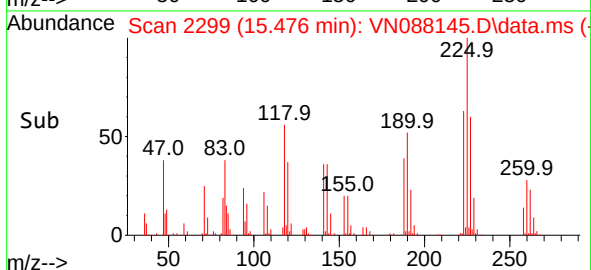
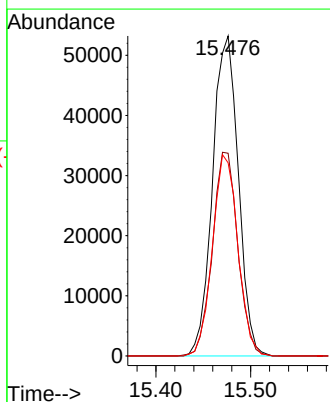
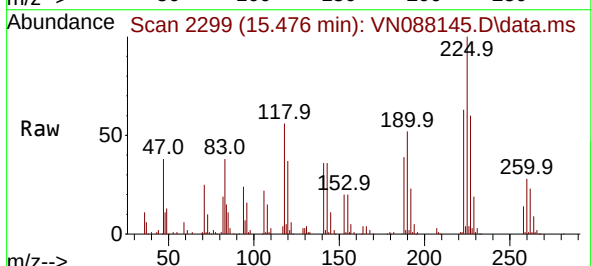
Manual Integrations
APPROVED

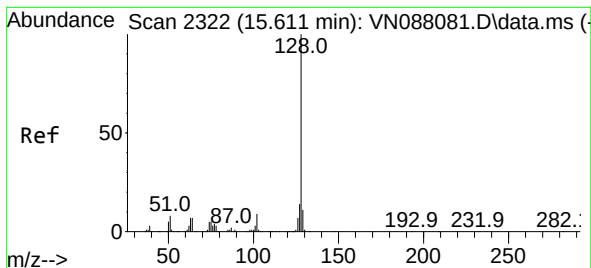
Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#94
Hexachlorobutadiene
Concen: 50.570 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

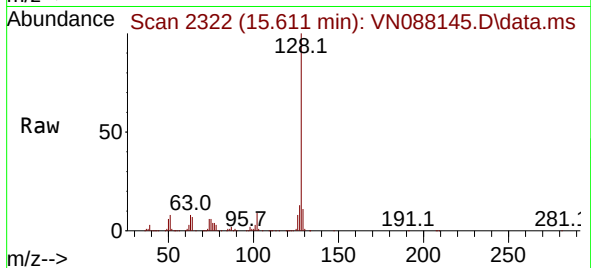
Tgt Ion:225 Resp: 100581
Ion Ratio Lower Upper
225 100
223 62.7 32.0 96.2
227 62.0 32.1 96.5





#95
Naphthalene
Concen: 48.671 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

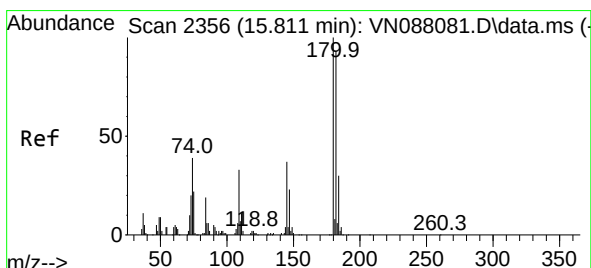
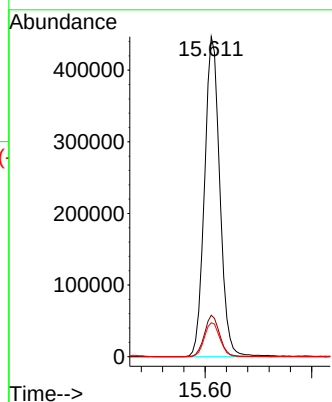
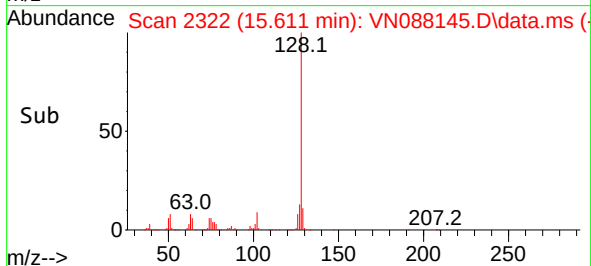
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 890531
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.8 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/29/2025
Supervised By :Semsettin Yesilyurt 10/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.270 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088145.D
Acq: 28 Oct 2025 17:06

Tgt Ion:180 Resp: 247199
Ion Ratio Lower Upper
180 100
182 94.4 46.8 140.3
145 35.4 17.3 52.0

