

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
 Data File : VN087628.D
 Acq On : 22 Aug 2025 09:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 25 01:14:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/25/2025
 Supervised By : Semsettin Yesilyurt 08/25/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	263551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	512519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	469406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	231212	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.559	65	243809	45.151	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.300%
35) Dibromofluoromethane	8.153	113	167386	45.235	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.460%
50) Toluene-d8	10.547	98	626019	45.200	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.400%
62) 4-Bromofluorobenzene	12.829	95	226882	46.063	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.120%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.142	85	178962	47.810	ug/l	99
3) Chloromethane	2.383	50	179371	46.629	ug/l	99
4) Vinyl Chloride	2.536	62	202072	45.306	ug/l	100
5) Bromomethane	2.971	94	111672	48.524	ug/l	99
6) Chloroethane	3.136	64	130298	41.565	ug/l	98
7) Trichlorofluoromethane	3.512	101	288867	44.206	ug/l	92
8) Diethyl Ether	3.965	74	118114	41.503	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	158251	42.799	ug/l	99
10) Methyl Iodide	4.583	142	108742	40.802	ug/l	97
11) Tert butyl alcohol	5.518	59	202310	215.812	ug/l	97
12) 1,1-Dichloroethene	4.336	96	158428	41.695	ug/l	100
13) Acrolein	4.171	56	253092	219.612	ug/l	99
14) Allyl chloride	5.012	41	283826	41.220	ug/l	97
15) Acrylonitrile	5.706	53	544042	205.781	ug/l	98
16) Acetone	4.418	43	581744	197.905	ug/l	100
17) Carbon Disulfide	4.706	76	456685	43.658	ug/l	98
18) Methyl Acetate	5.012	43	253564	41.198	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	612835	42.993	ug/l	98
20) Methylene Chloride	5.265	84	186510	43.710	ug/l	97
21) trans-1,2-Dichloroethene	5.765	96	170025	41.287	ug/l	90
22) Diisopropyl ether	6.659	45	643613	43.314	ug/l	98
23) Vinyl Acetate	6.588	43	2981406	220.536	ug/l	99
24) 1,1-Dichloroethane	6.547	63	337421	41.415	ug/l	96
25) 2-Butanone	7.465	43	787767	203.700	ug/l	100
26) 2,2-Dichloropropane	7.471	77	304053	43.482	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	203556	41.347	ug/l	93
28) Bromochloromethane	7.794	49	175596	44.582	ug/l	97
29) Tetrahydrofuran	7.824	42	514872	206.874	ug/l	99
30) Chloroform	7.947	83	352352	42.371	ug/l	100
31) Cyclohexane	8.235	56	288814	42.523	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	296972	42.139	ug/l	99
36) 1,1-Dichloropropene	8.353	75	237727	41.877	ug/l	99
37) Ethyl Acetate	7.547	43	315803	40.711	ug/l	99
38) Carbon Tetrachloride	8.341	117	250390	44.673	ug/l	96
39) Methylcyclohexane	9.582	83	266660	42.666	ug/l	99
40) Benzene	8.588	78	748721	43.001	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	168685	41.979	ug/l	99
42) 1,2-Dichloroethane	8.653	62	282857	42.274	ug/l	98
43) Isopropyl Acetate	8.671	43	520916	43.011	ug/l	99
44) Trichloroethene	9.335	130	167027	42.017	ug/l	96
45) 1,2-Dichloropropane	9.600	63	191348	41.692	ug/l	97
46) Dibromomethane	9.688	93	139677	42.767	ug/l	98
47) Bromodichloromethane	9.871	83	286639	42.823	ug/l	99
48) Methyl methacrylate	9.659	41	247415	43.189	ug/l	99
49) 1,4-Dioxane	9.682	88	67573	910.061	ug/l #	95
51) 4-Methyl-2-Pentanone	10.423	43	1566167	214.333	ug/l	99
52) Toluene	10.606	92	460243	42.638	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	309661	44.694	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	318132	44.222	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	178160	42.666	ug/l	97
56) Ethyl methacrylate	10.853	69	304710	45.661	ug/l	98
57) 1,3-Dichloropropane	11.141	76	318776	43.136	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	770085	213.205	ug/l	100
59) 2-Hexanone	11.176	43	1085409	235.033	ug/l	100
60) Dibromochloromethane	11.335	129	204847	42.338	ug/l	100
61) 1,2-Dibromoethane	11.447	107	189916	43.133	ug/l	100
64) Tetrachloroethene	11.082	164	131985	40.527	ug/l	97
65) Chlorobenzene	11.870	112	494765	42.367	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	168958	43.580	ug/l	98
67) Ethyl Benzene	11.941	91	894026	44.216	ug/l	98
68) m/p-Xylenes	12.053	106	671405	90.541	ug/l	99
69) o-Xylene	12.376	106	318048	43.765	ug/l	98
70) Styrene	12.388	104	559152	45.927	ug/l	98
71) Bromoform	12.559	173	135189	45.467	ug/l #	98
73) Isopropylbenzene	12.676	105	831157	44.486	ug/l	100
74) N-amyl acetate	12.500	43	350496m	49.502	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	274026	42.601	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	262553m	48.423	ug/l	
77) Bromobenzene	12.959	156	196205	44.539	ug/l	99
78) n-propylbenzene	13.012	91	1050162	45.633	ug/l	99
79) 2-Chlorotoluene	13.100	91	619641	44.742	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	708107	44.677	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	94913	46.343	ug/l	88
82) 4-Chlorotoluene	13.200	91	641958	44.088	ug/l	99
83) tert-Butylbenzene	13.417	119	589351	44.622	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	731327	46.093	ug/l	99
85) sec-Butylbenzene	13.594	105	889721	45.394	ug/l	99
86) p-Isopropyltoluene	13.706	119	726821	44.908	ug/l	98
87) 1,3-Dichlorobenzene	13.711	146	372290	42.915	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	377265	41.789	ug/l	99
89) n-Butylbenzene	14.035	91	718281	44.686	ug/l	99
90) Hexachloroethane	14.311	117	137228	44.505	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	352610	42.844	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	62345	40.800	ug/l	99
93) 1,2,4-Trichlorobenzene	15.370	180	209019	42.293	ug/l	99
94) Hexachlorobutadiene	15.476	225	72416	41.101	ug/l	98
95) Naphthalene	15.611	128	746235	42.629	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	202223	41.855	ug/l	98

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MSVOA_N
ClientSampleId :
VSTDCCC050

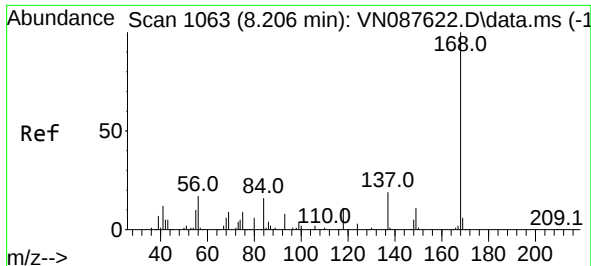
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 08/25/2025

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

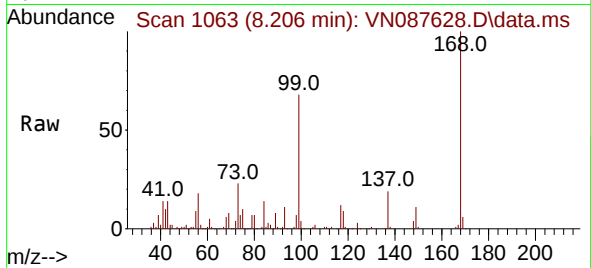
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087628.D
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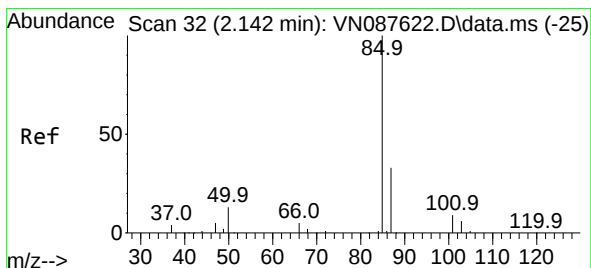
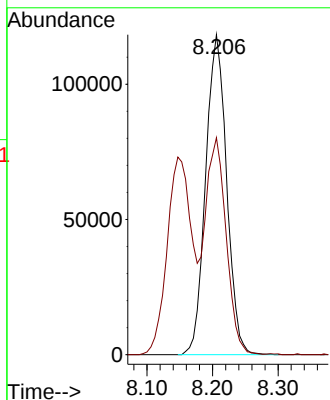
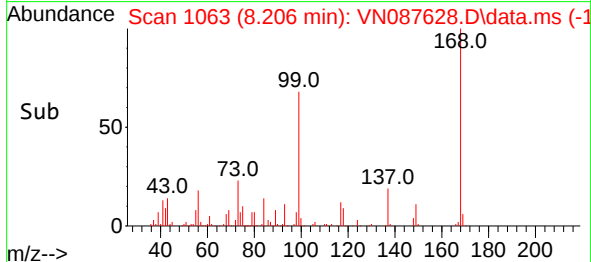
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 26355
Ion Ratio Lower Upper
168 100
99 67.6 57.2 85.8

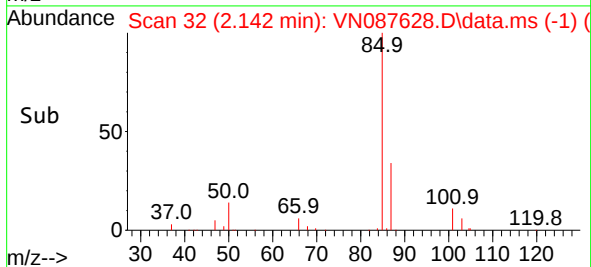
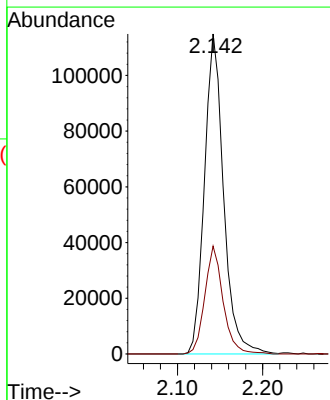
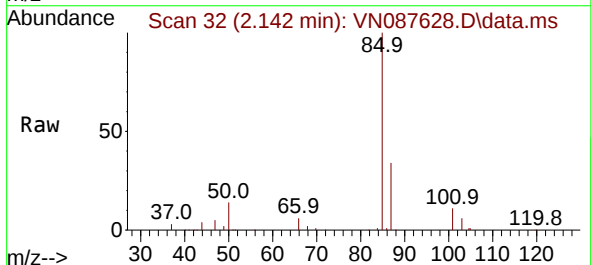
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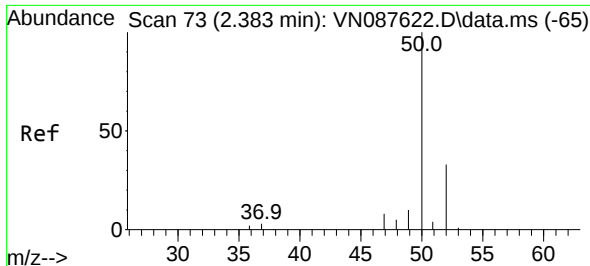
Reviewed By :John Carlone 08/25/2025
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#2
Dichlorodifluoromethane
Concen: 47.810 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

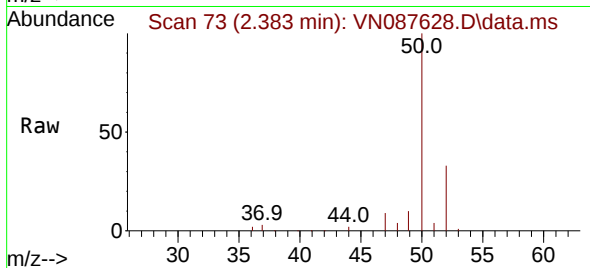
Tgt Ion: 85 Resp: 178962
Ion Ratio Lower Upper
85 100
87 33.7 16.6 49.8





#3
Chloromethane
Concen: 46.629 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

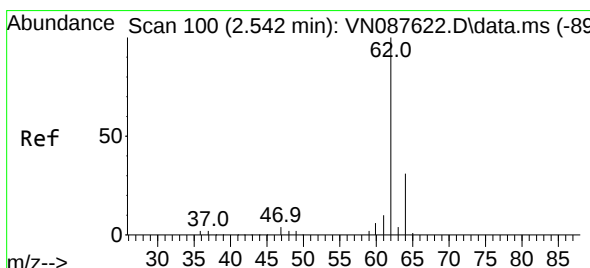
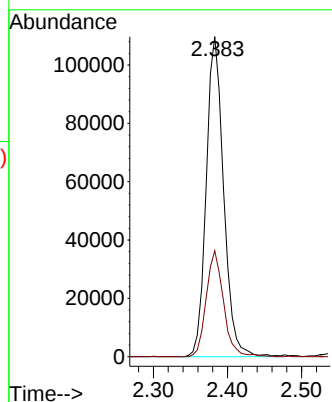
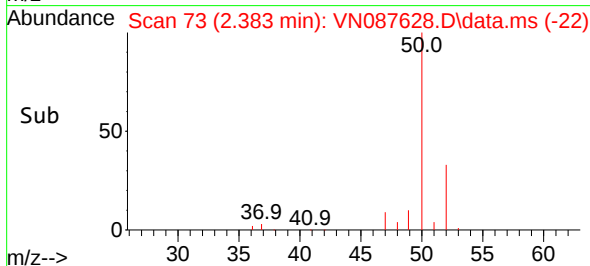
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 17937
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.4

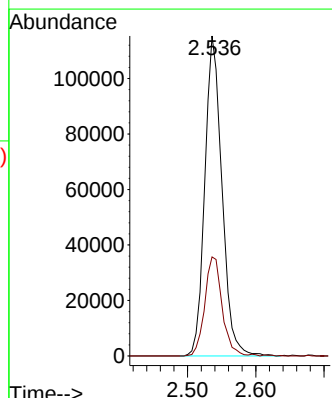
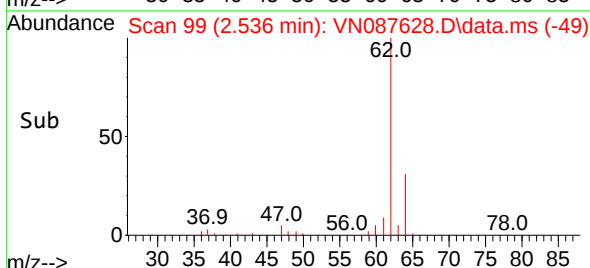
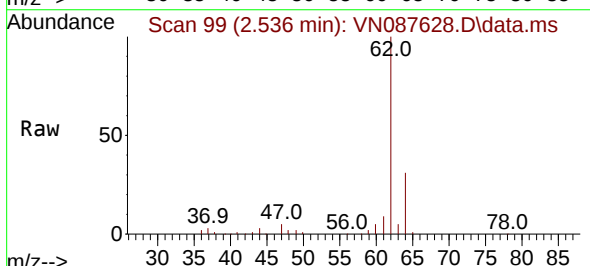
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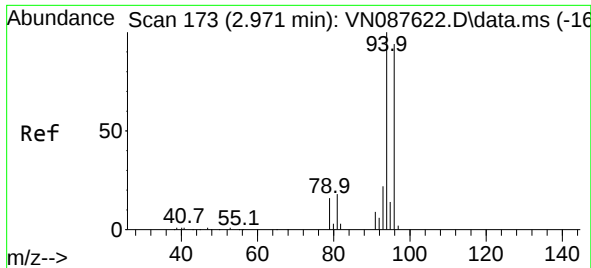
Reviewed By :John Carlone 08/25/2025
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#4
Vinyl Chloride
Concen: 45.306 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

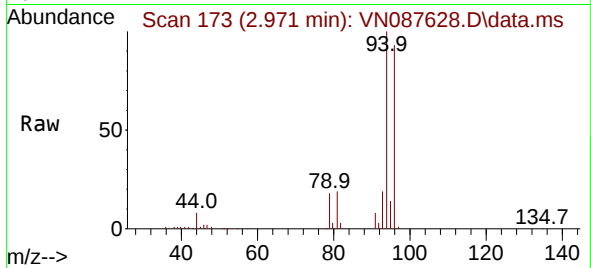
Tgt Ion: 62 Resp: 202072
Ion Ratio Lower Upper
62 100
64 30.9 24.6 37.0





#5
Bromomethane
Concen: 48.524 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

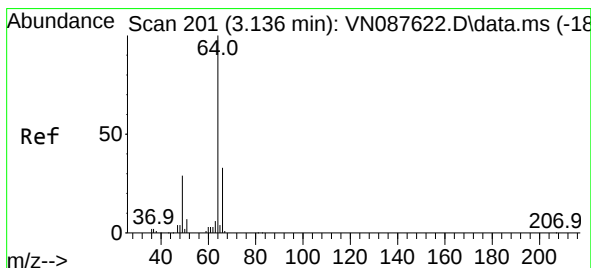
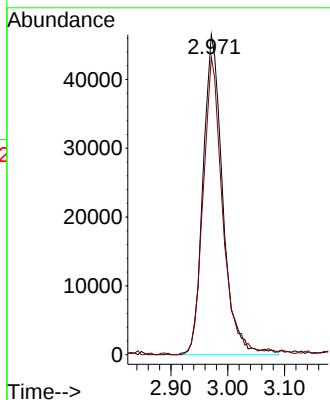
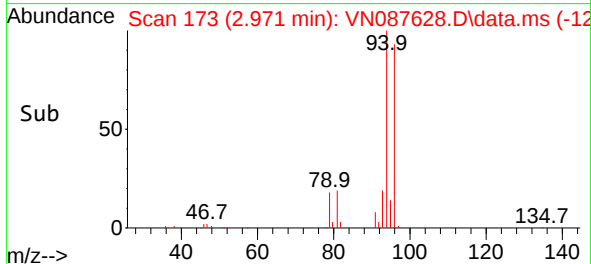
Instrument :
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Tgt Ion: 94 Resp: 111672
Ion Ratio Lower Upper
94 100
96 92.9 75.4 113.2

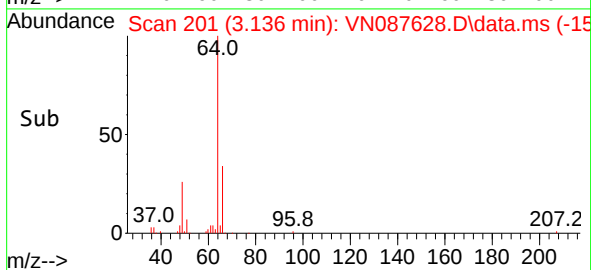
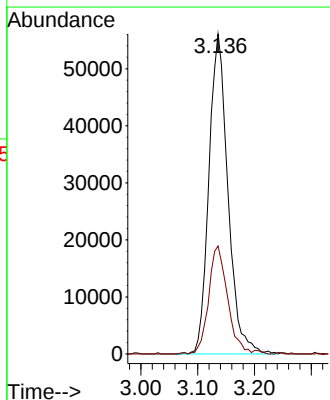
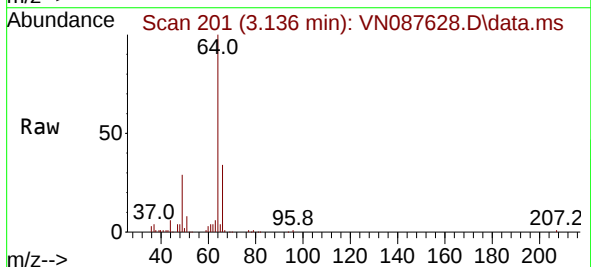
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#6
Chloroethane
Concen: 41.565 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

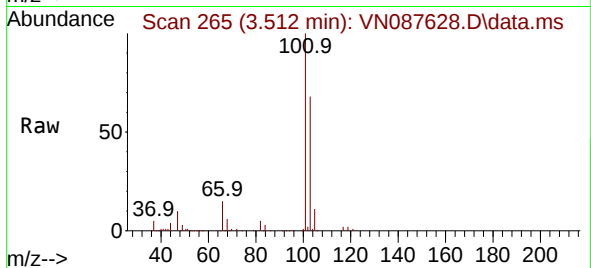
Tgt Ion: 64 Resp: 130298
Ion Ratio Lower Upper
64 100
66 33.7 26.2 39.2





#7
Trichlorofluoromethane
Concen: 44.206 ug/l
RT: 3.512 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

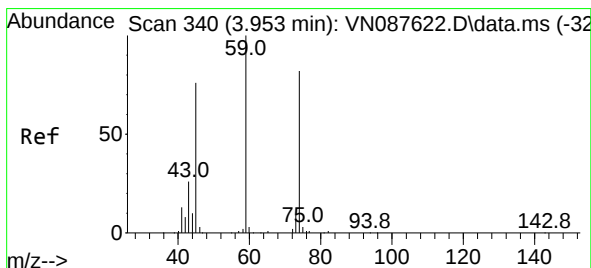
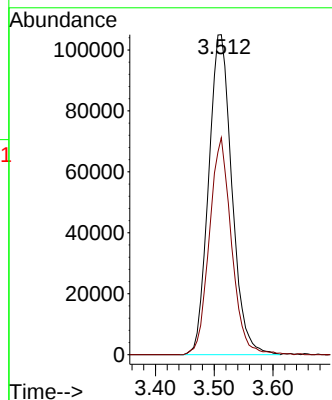
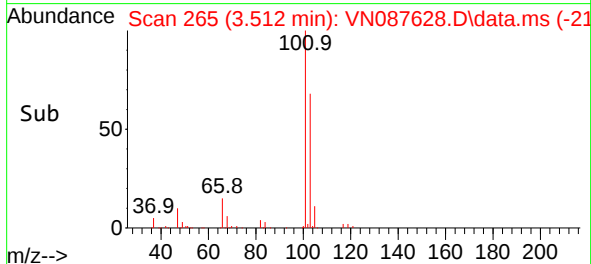
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 28886
Ion Ratio Lower Upper
101 100
103 67.8 49.4 74.0

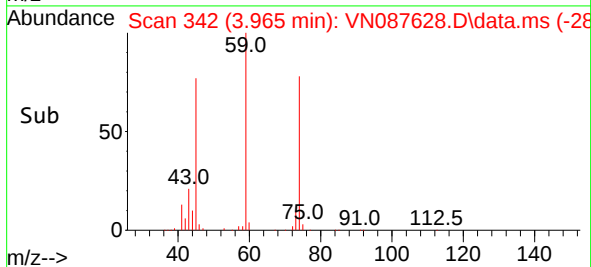
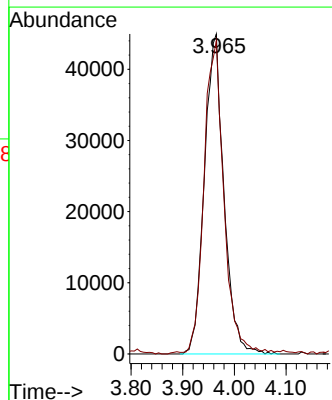
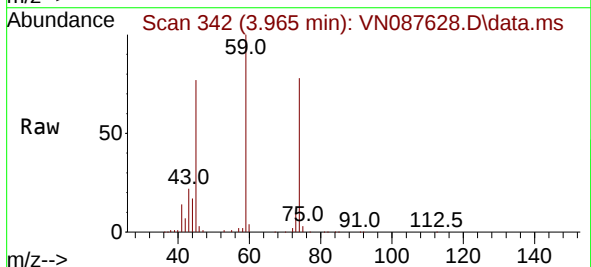
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#8
Diethyl Ether
Concen: 41.503 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

Tgt Ion: 74 Resp: 118114
Ion Ratio Lower Upper
74 100
45 97.5 50.6 151.9





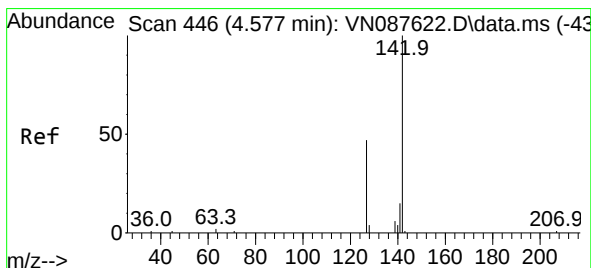
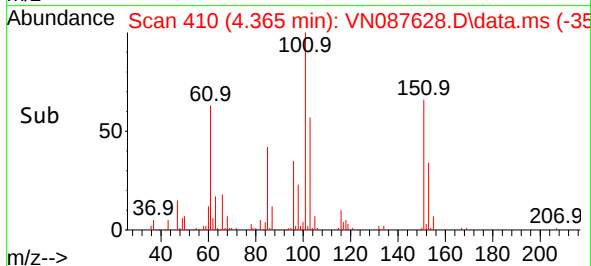
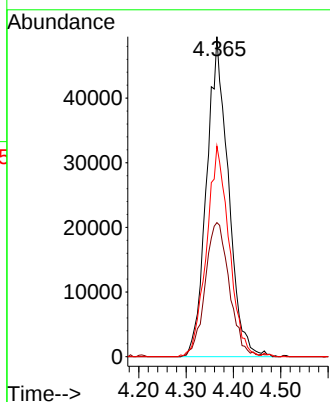
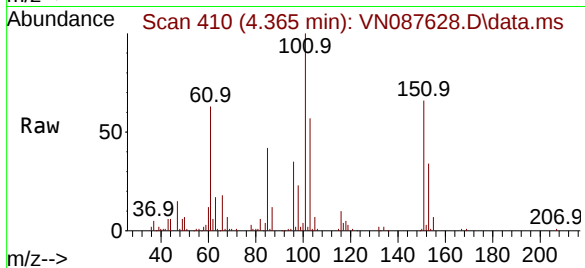
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.799 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 15825
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 68.0 54.7 82.1

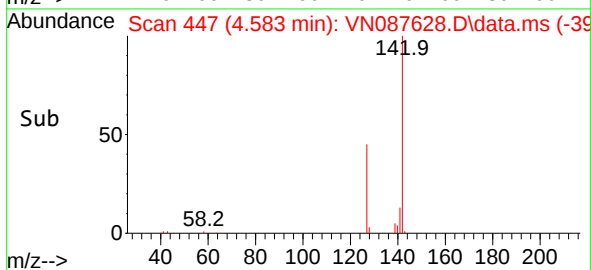
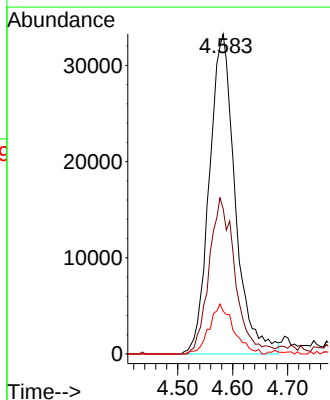
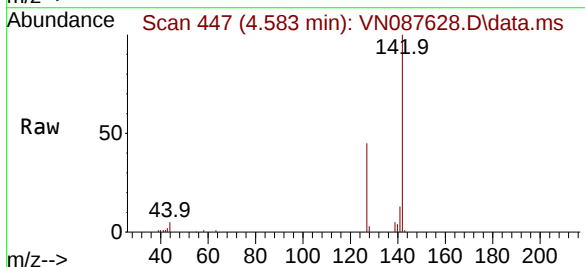
Manual Integrations
APPROVED

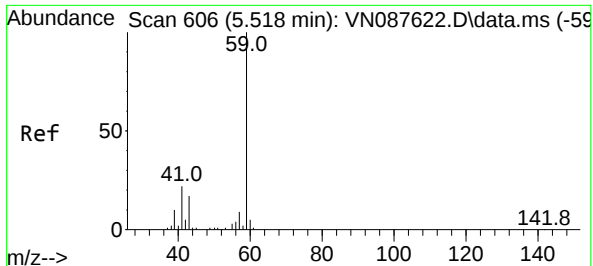
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#10
Methyl Iodide
Concen: 40.802 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

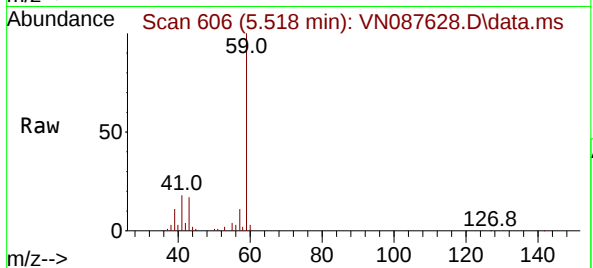
Tgt Ion:142 Resp: 108742
Ion Ratio Lower Upper
142 100
127 45.4 38.0 57.0
141 13.4 12.0 18.0





#11
Tert butyl alcohol
Concen: 215.812 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

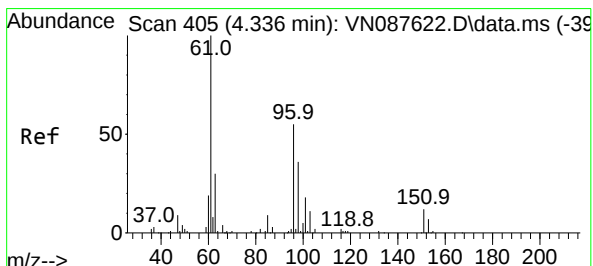
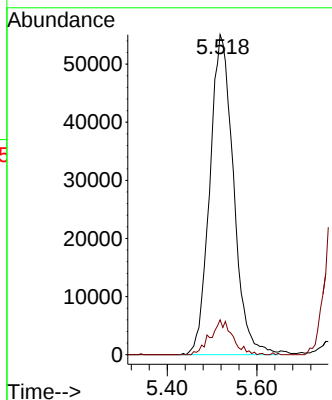
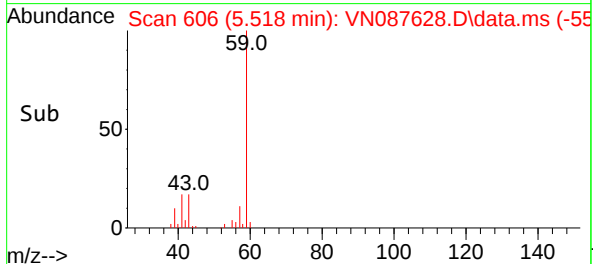
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



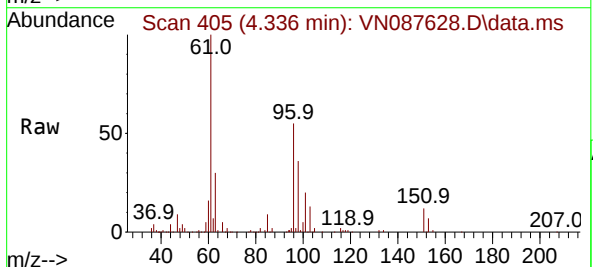
Tgt Ion: 59 Resp: 202310
Ion Ratio Lower Upper
59 100
57 10.1 9.0 13.4

Manual Integrations
APPROVED

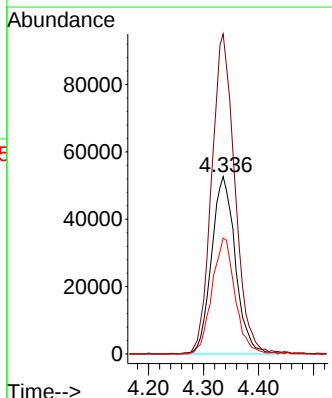
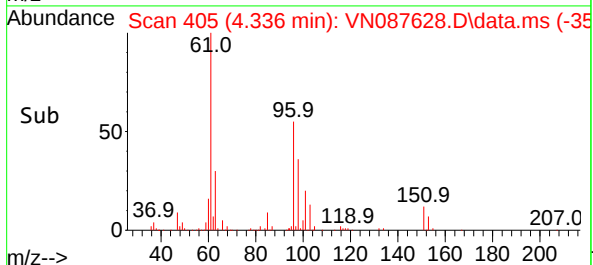
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

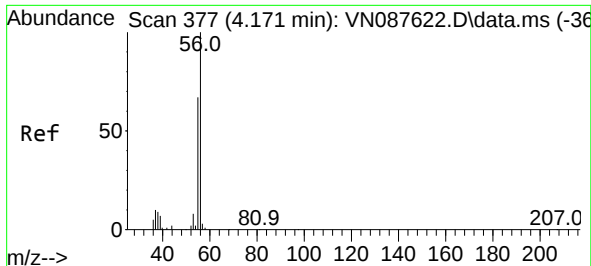


#12
1,1-Dichloroethene
Concen: 41.695 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16



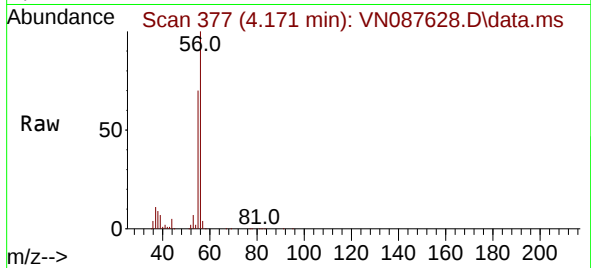
Tgt Ion: 96 Resp: 158428
Ion Ratio Lower Upper
96 100
61 180.4 143.8 215.8
98 65.3 52.1 78.1





#13
Acrolein
Concen: 219.612 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

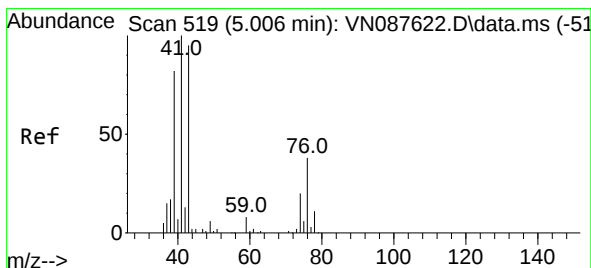
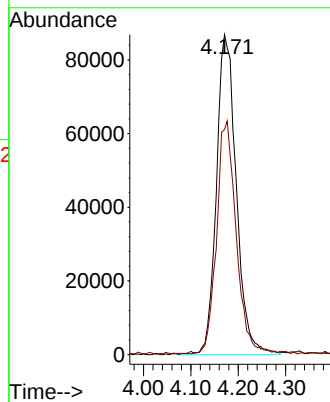
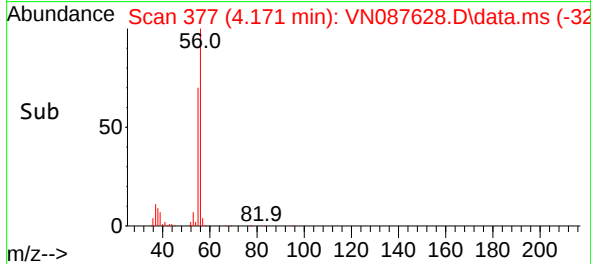
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 253092
Ion Ratio Lower Upper
56 100
55 71.1 57.3 85.9

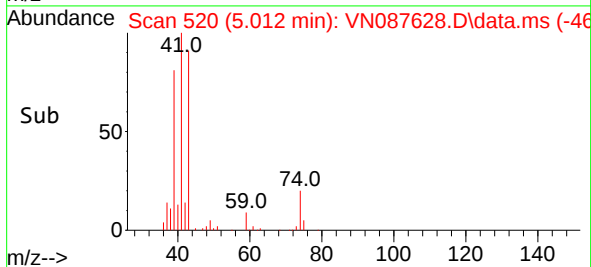
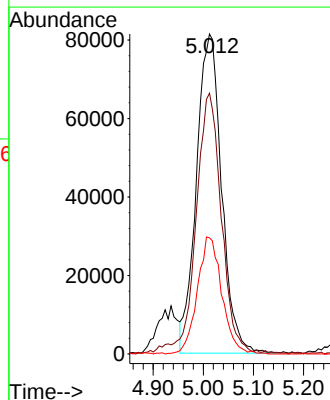
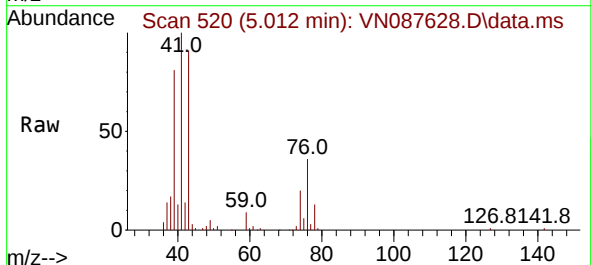
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#14
Allyl chloride
Concen: 41.220 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

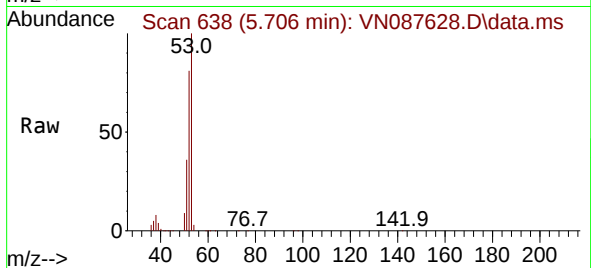
Tgt Ion: 41 Resp: 283826
Ion Ratio Lower Upper
41 100
39 82.9 63.9 95.9
76 35.8 28.1 42.1





#15
Acrylonitrile
Concen: 205.781 ug/l
RT: 5.706 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

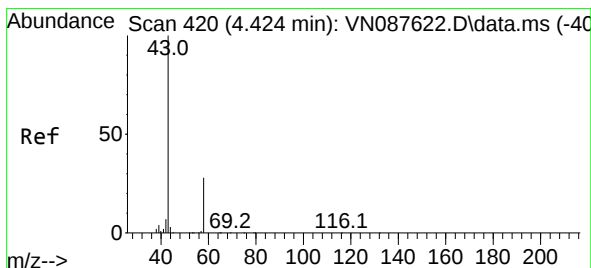
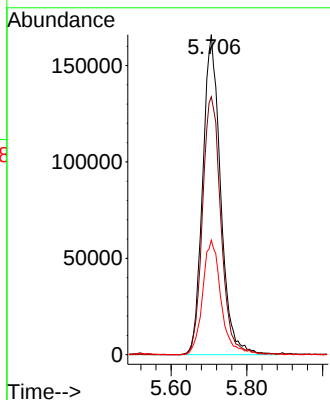
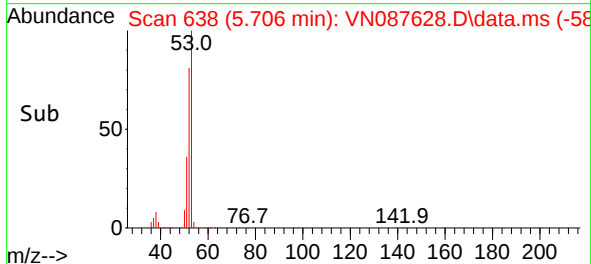
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 544042
Ion Ratio Lower Upper
53 100
52 82.7 67.6 101.4
51 36.9 30.1 45.1

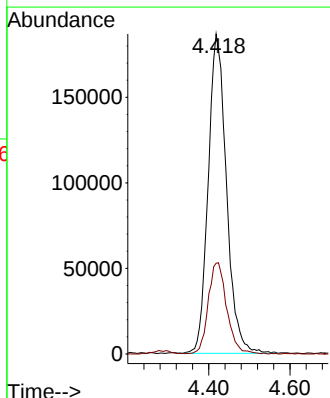
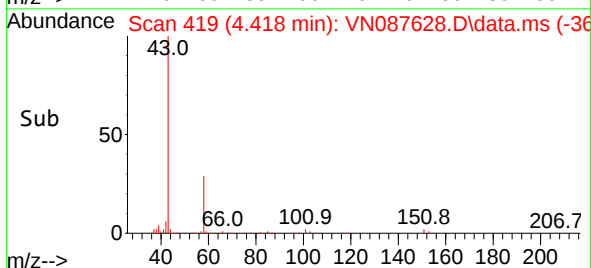
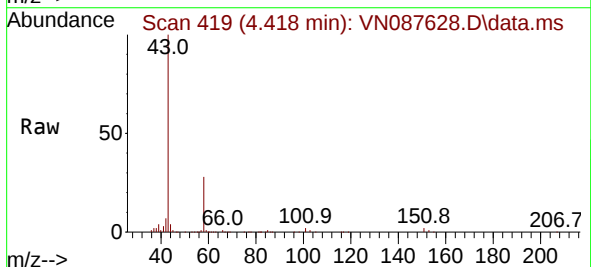
Manual Integrations
APPROVED

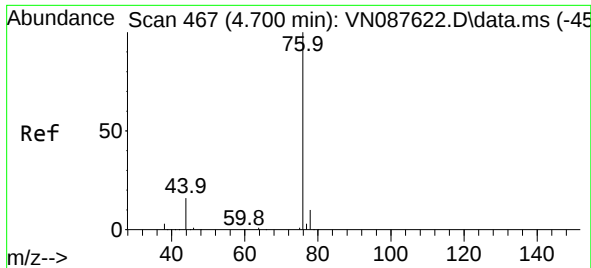
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#16
Acetone
Concen: 197.905 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

Tgt Ion: 43 Resp: 581744
Ion Ratio Lower Upper
43 100
58 28.4 22.6 33.8





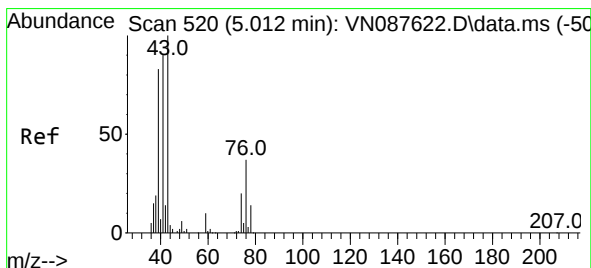
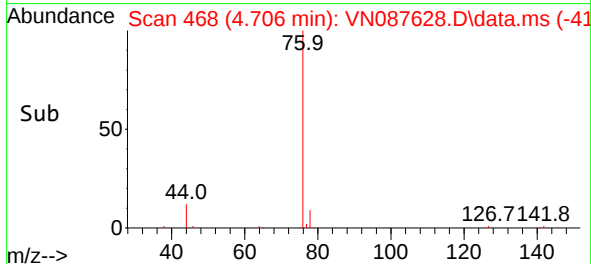
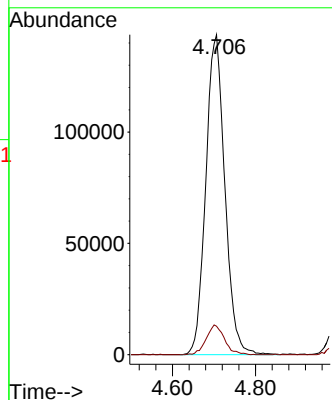
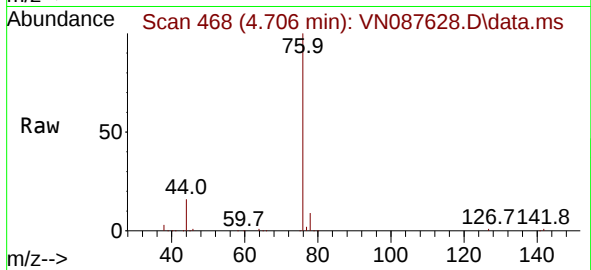
#17
Carbon Disulfide
Concen: 43.658 ug/l
RT: 4.706 min Scan# 40
Delta R.T. 0.006 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 45668
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

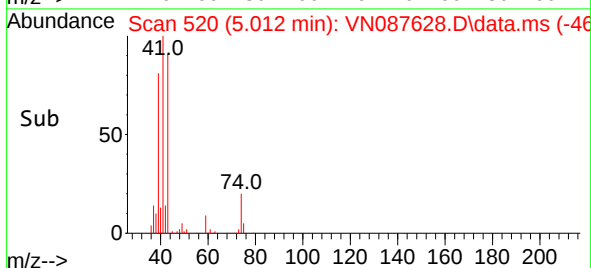
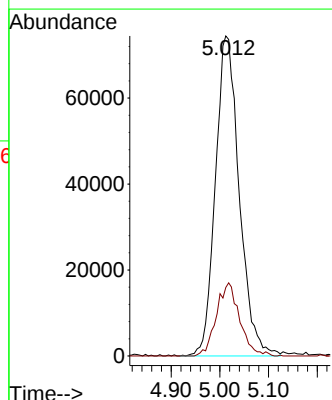
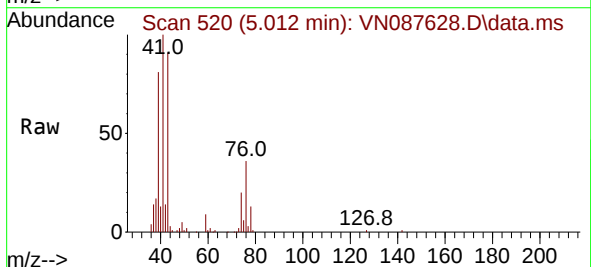
Manual Integrations
APPROVED

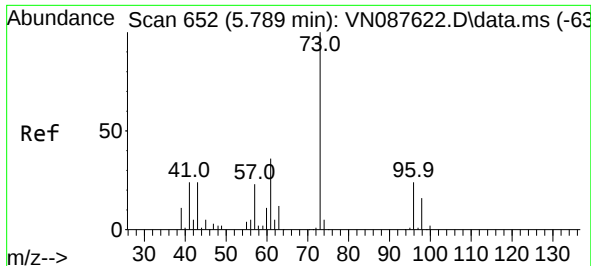
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#18
Methyl Acetate
Concen: 41.198 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

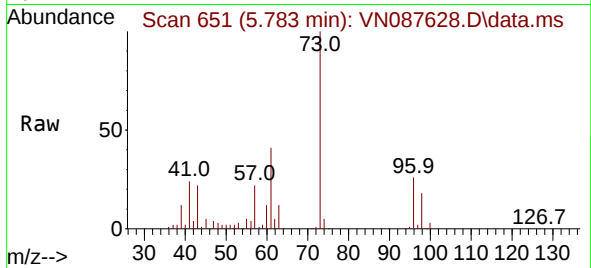
Tgt Ion: 43 Resp: 253564
Ion Ratio Lower Upper
43 100
74 22.3 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 42.993 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

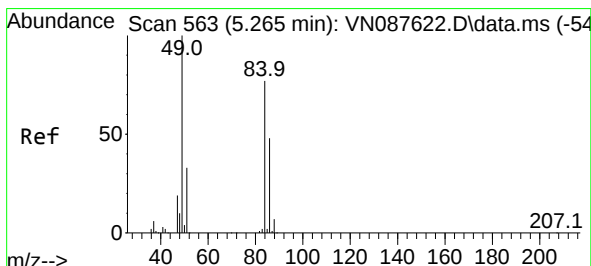
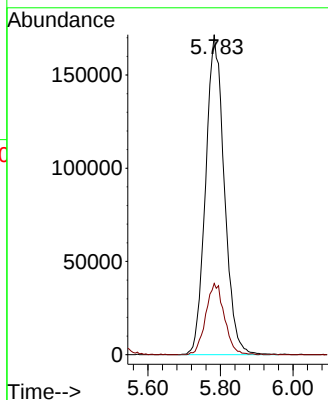
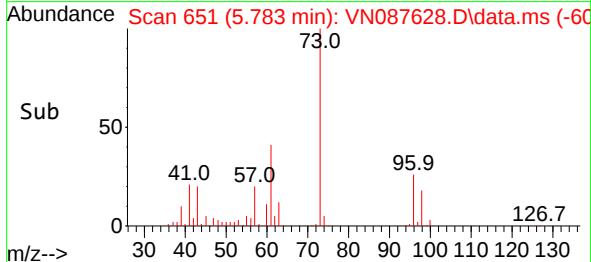
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 61283
Ion Ratio Lower Upper
73 100
57 22.3 18.4 27.6

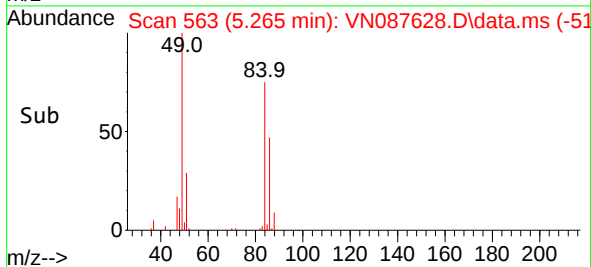
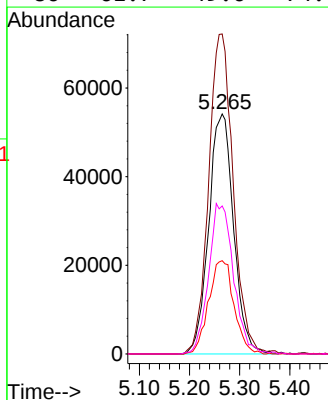
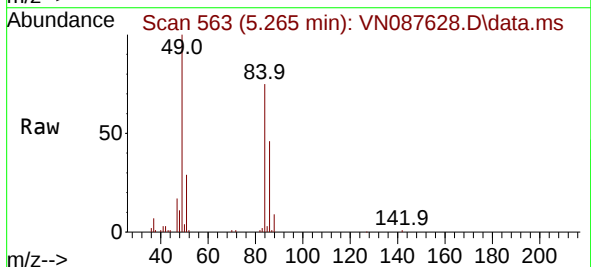
Manual Integrations
APPROVED

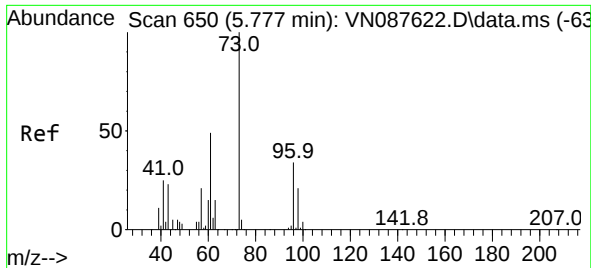
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#20
Methylene Chloride
Concen: 43.710 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

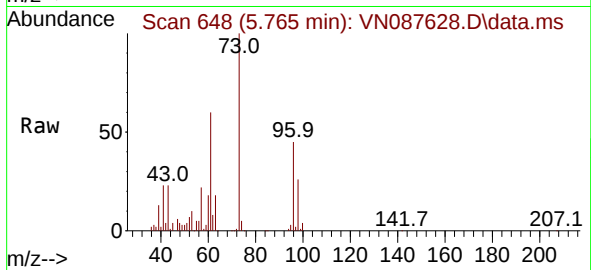
Tgt Ion: 84 Resp: 186510
Ion Ratio Lower Upper
84 100
49 133.4 103.4 155.2
51 38.9 33.8 50.8
86 61.7 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 41.287 ug/l
RT: 5.765 min Scan# 648
Delta R.T. -0.012 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

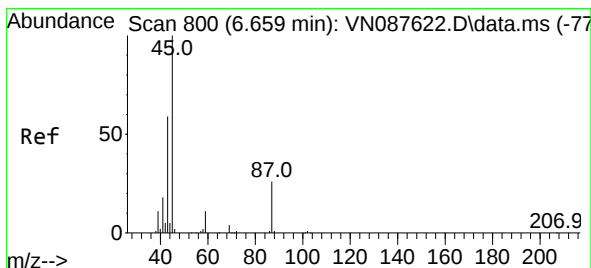
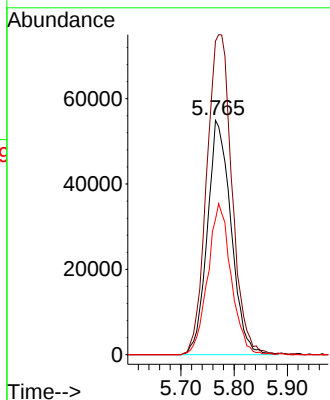
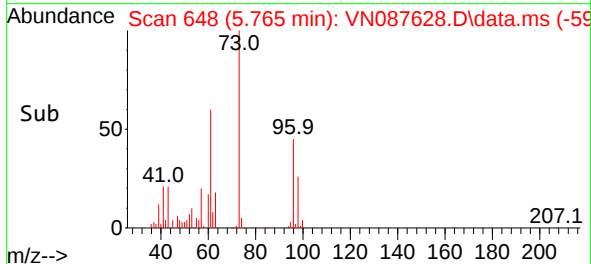
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 170025
Ion Ratio Lower Upper
96 100
61 133.8 118.0 177.0
98 57.7 50.0 75.0

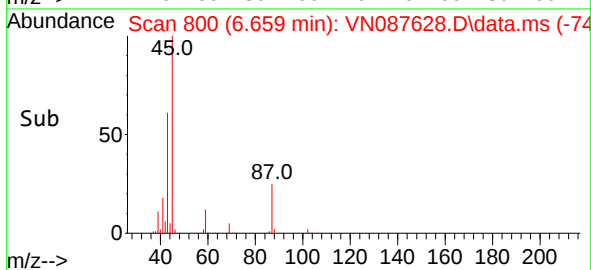
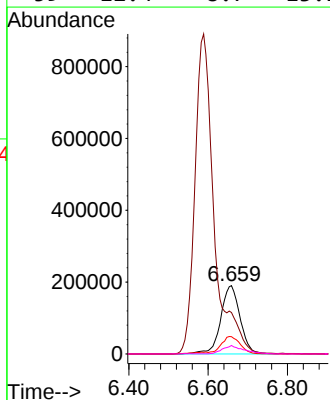
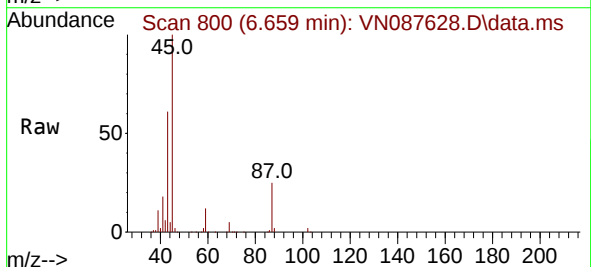
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#22
Diisopropyl ether
Concen: 43.314 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

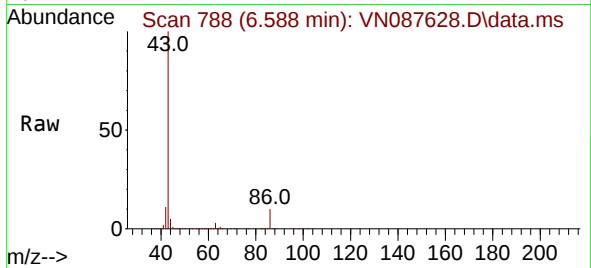
Tgt Ion: 45 Resp: 643613
Ion Ratio Lower Upper
45 100
43 59.9 47.7 71.5
87 25.2 21.4 32.0
59 12.4 8.7 13.1





#23
 Vinyl Acetate
 Concen: 220.536 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087628.D
 Acq: 22 Aug 2025 09:16

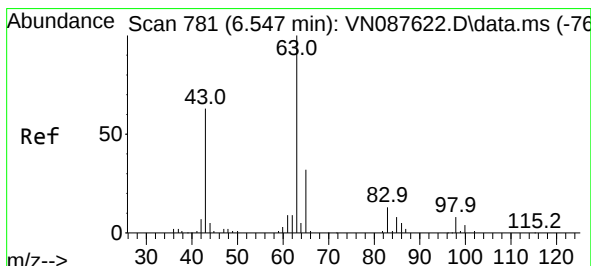
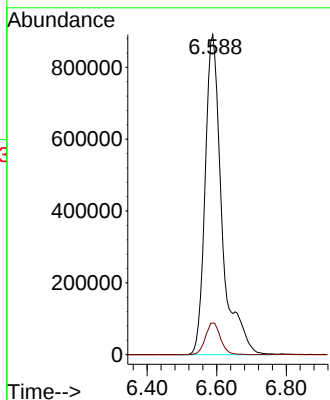
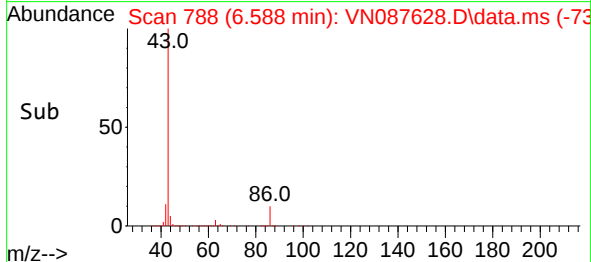
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



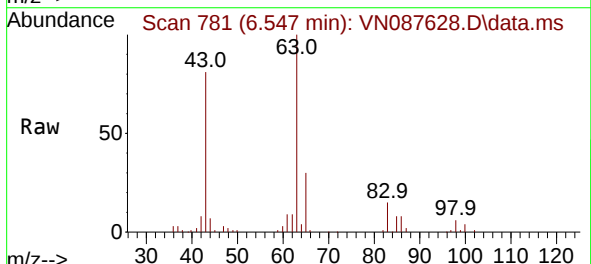
Tgt Ion: 43 Resp: 2981400
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.4

Manual Integrations
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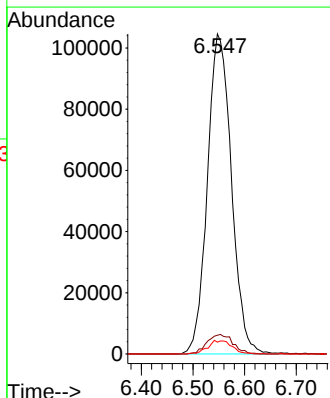
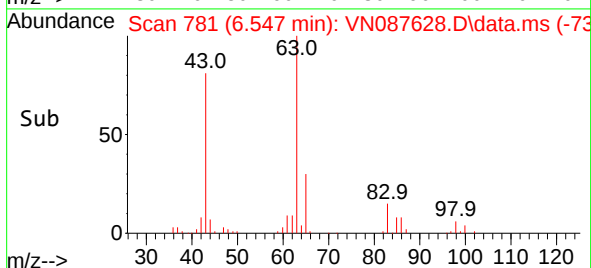
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

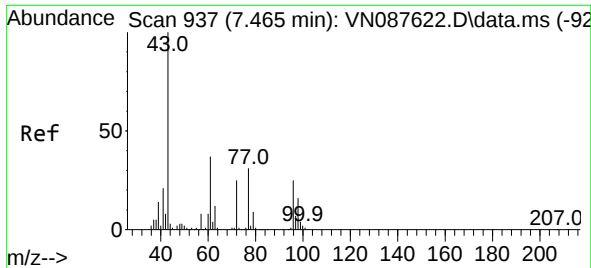


#24
 1,1-Dichloroethane
 Concen: 41.415 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.000 min
 Lab File: VN087628.D
 Acq: 22 Aug 2025 09:16



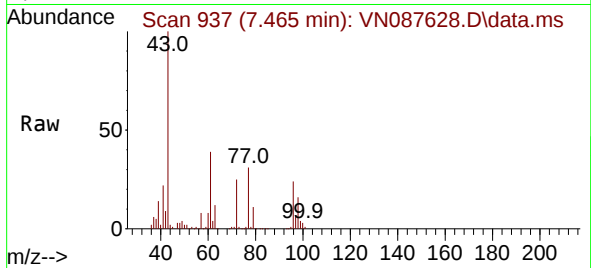
Tgt Ion: 63 Resp: 337421
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.8 11.4
 100 3.7 2.0 6.0





#25
2-Butanone
Concen: 203.700 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

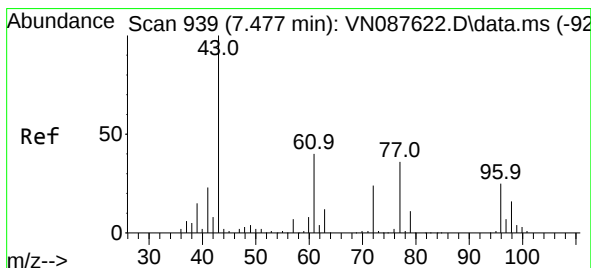
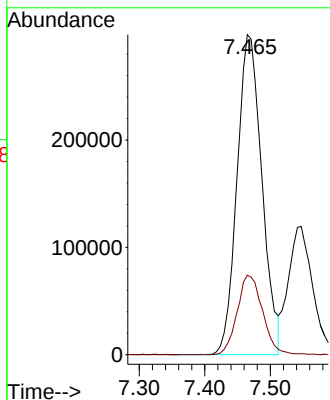
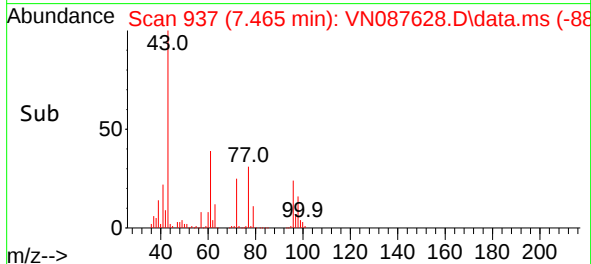
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 78776
Ion Ratio Lower Upper
43 100
72 24.8 19.9 29.9

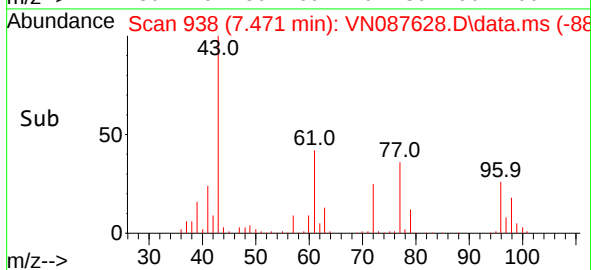
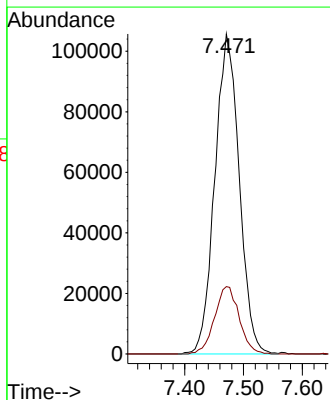
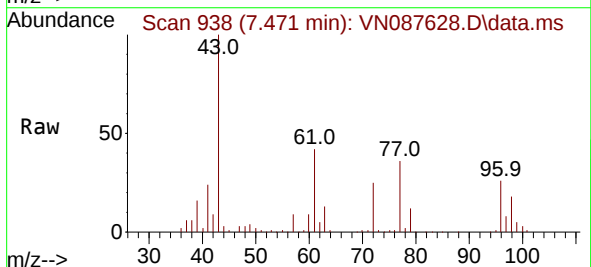
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#26
2,2-Dichloropropane
Concen: 43.482 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

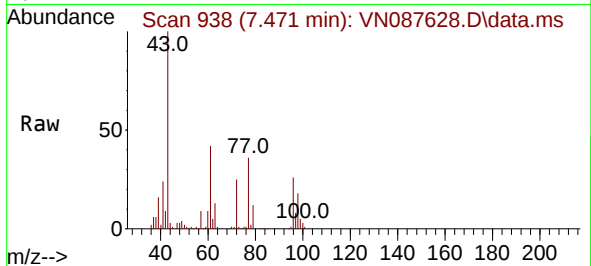
Tgt Ion: 77 Resp: 304053
Ion Ratio Lower Upper
77 100
97 21.2 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 41.347 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087628.D
 Acq: 22 Aug 2025 09:16

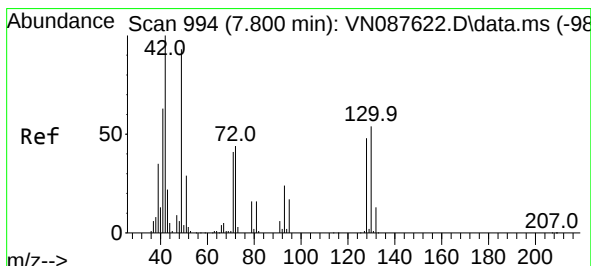
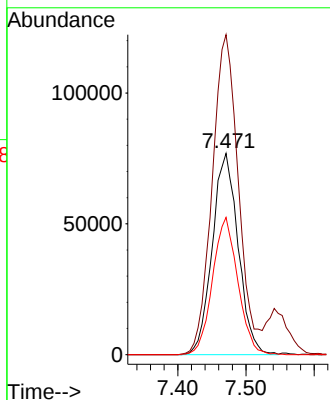
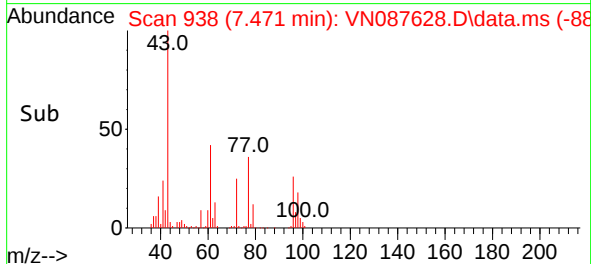
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 203550
 Ion Ratio Lower Upper
 96 100
 61 161.4 0.0 301.8
 98 66.7 0.0 126.2

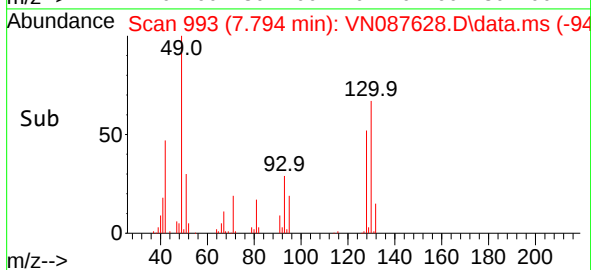
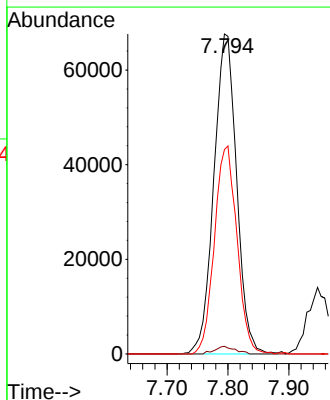
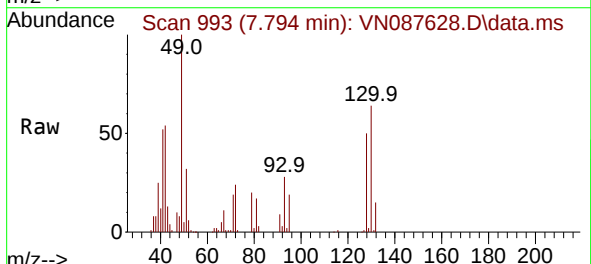
Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025



#28
 Bromochloromethane
 Concen: 44.582 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087628.D
 Acq: 22 Aug 2025 09:16

Tgt Ion: 49 Resp: 175596
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.0
 130 64.4 53.1 79.7





#29

Tetrahydrofuran

Concen: 206.874 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087628.D

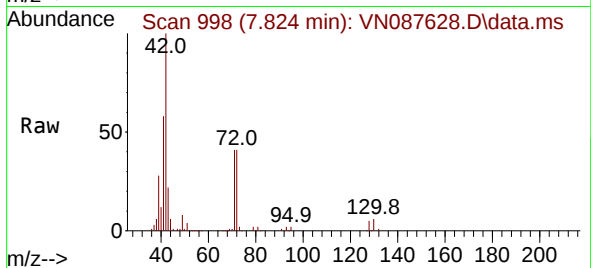
Acq: 22 Aug 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



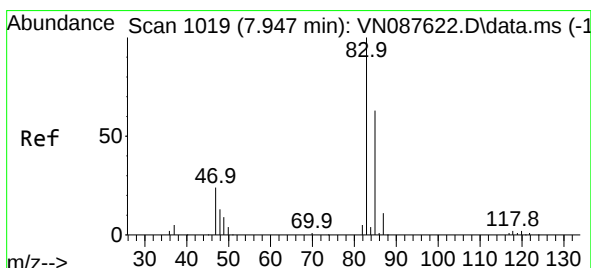
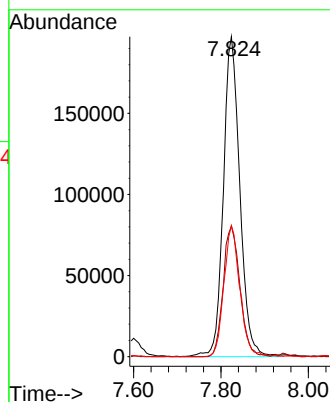
Tgt Ion:	42	Resp:	514872
Ion Ratio	Lower	Upper	
42	100		
72	41.5	33.7	50.5
71	39.7	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#30

Chloroform

Concen: 42.371 ug/l

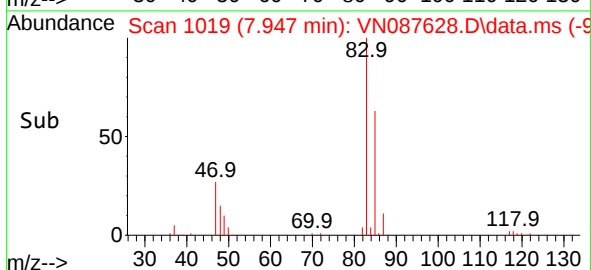
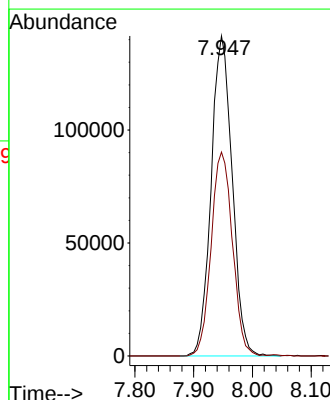
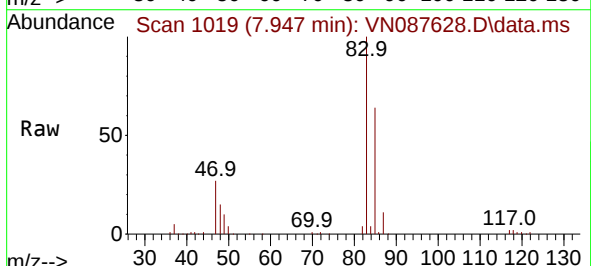
RT: 7.947 min Scan# 1019

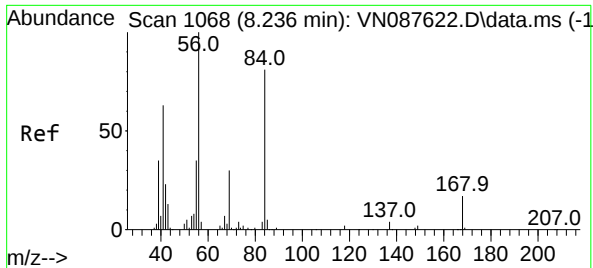
Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

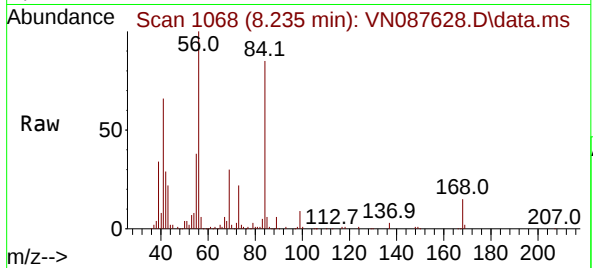
Tgt Ion:	83	Resp:	352352
Ion Ratio	Lower	Upper	
83	100		
85	63.7	50.7	76.1





#31
Cyclohexane
Concen: 42.523 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

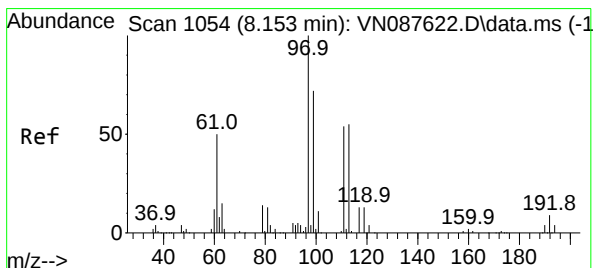
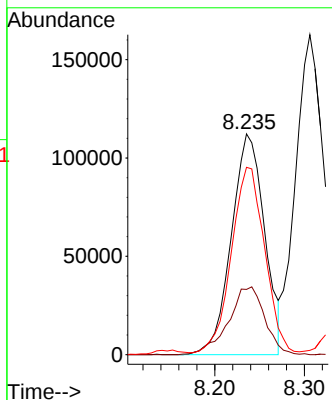
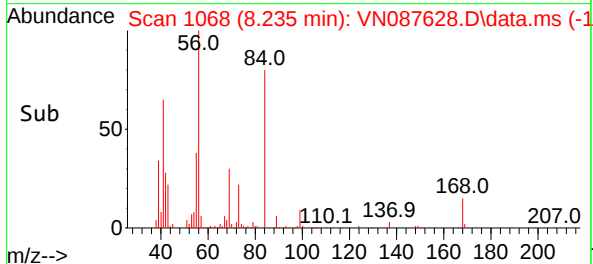
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



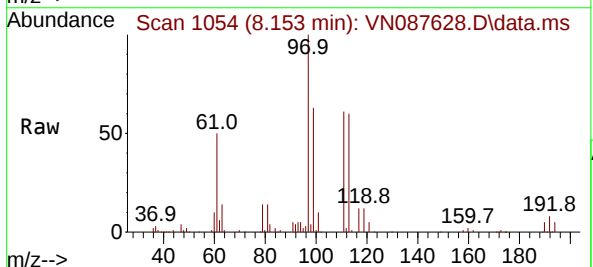
Tgt Ion: 56 Resp: 288814
Ion Ratio Lower Upper
56 100
69 29.5 23.7 35.5
84 83.5 64.7 97.1

Manual Integrations
APPROVED

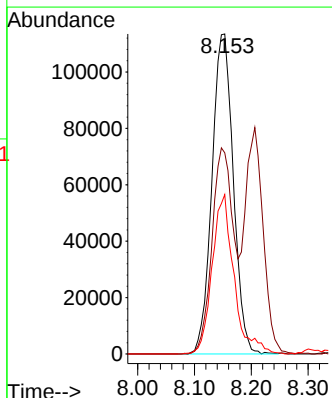
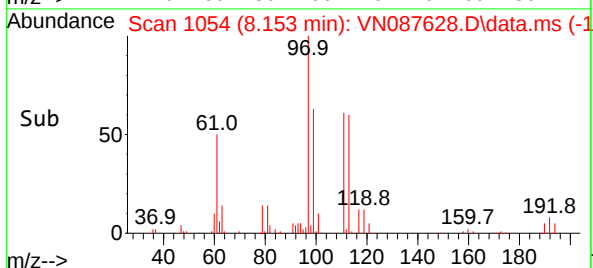
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

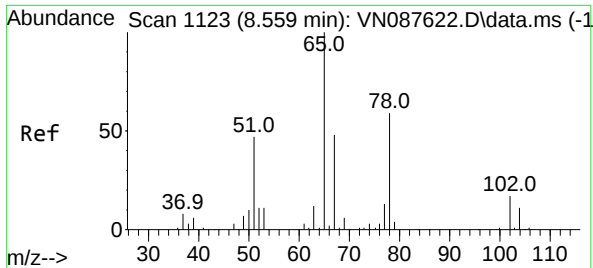


#32
1,1,1-Trichloroethane
Concen: 42.139 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16



Tgt Ion: 97 Resp: 296972
Ion Ratio Lower Upper
97 100
99 63.8 52.2 78.2
61 50.9 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 45.151 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 243809

Ion Ratio Lower Upper

65 100

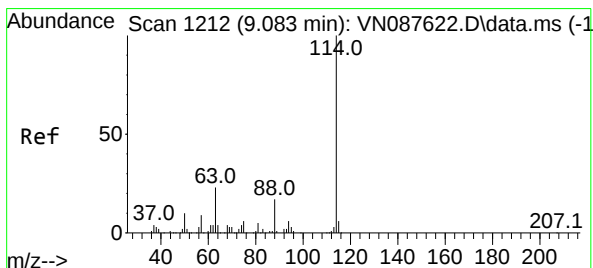
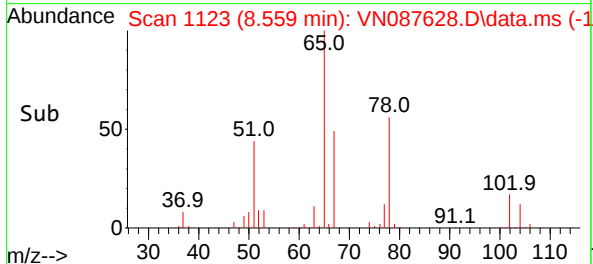
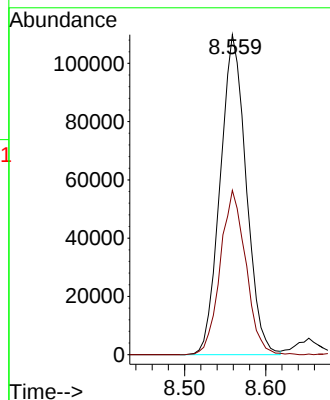
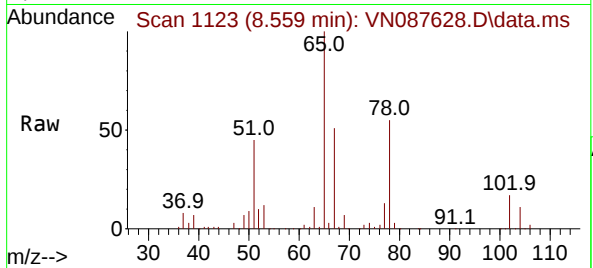
67 50.7 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

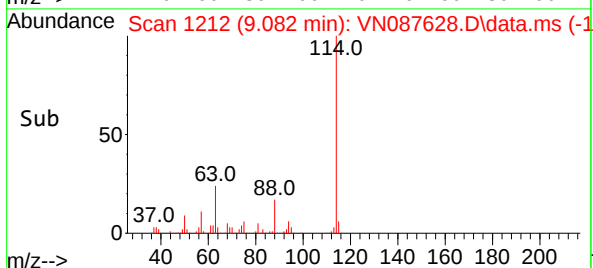
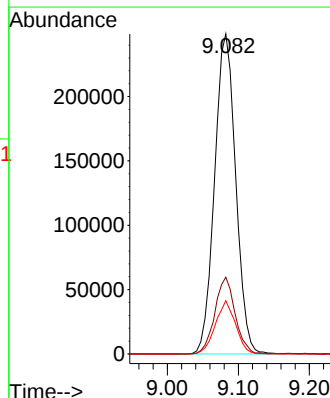
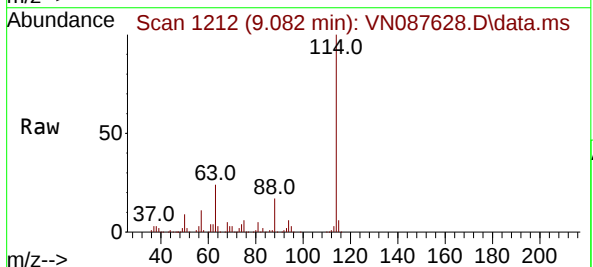
Tgt Ion:114 Resp: 512519

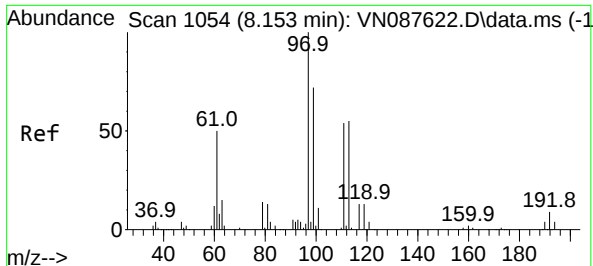
Ion Ratio Lower Upper

114 100

63 24.0 0.0 45.2

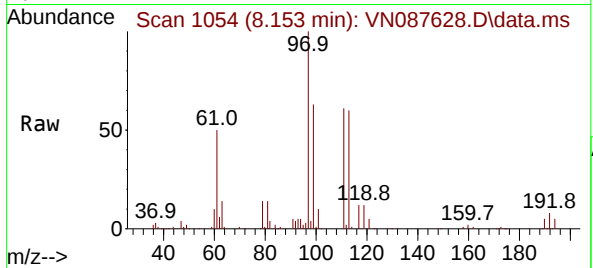
88 16.6 0.0 33.4





#35
Dibromofluoromethane
Concen: 45.235 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

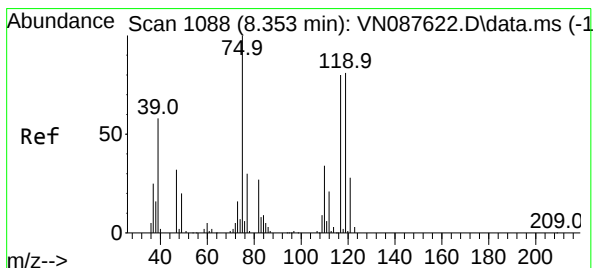
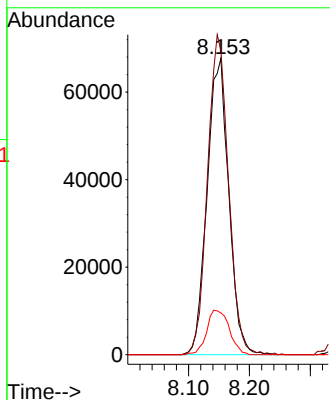
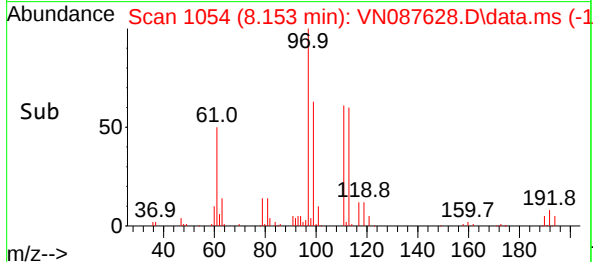
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 167380
Ion Ratio Lower Upper
113 100
111 104.6 82.8 124.2
192 15.7 12.8 19.2

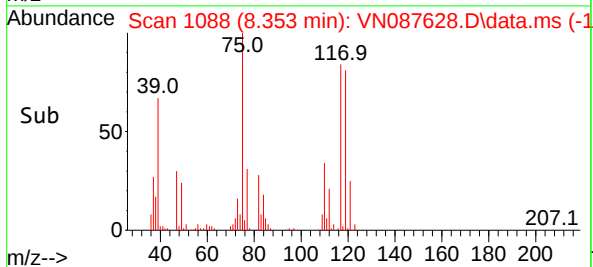
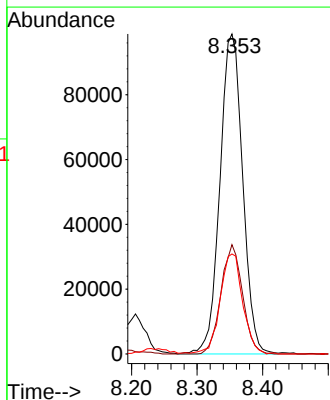
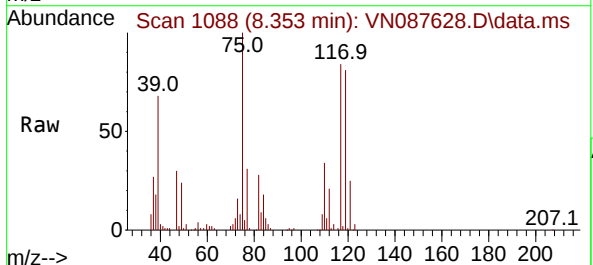
Manual Integrations
APPROVED

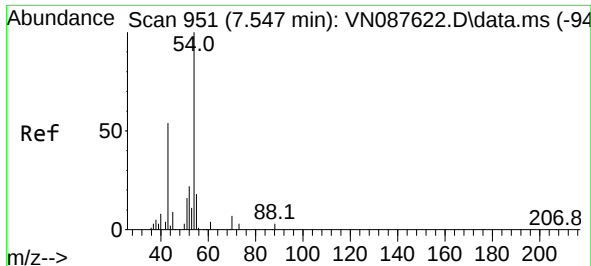
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#36
1,1-Dichloropropene
Concen: 41.877 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

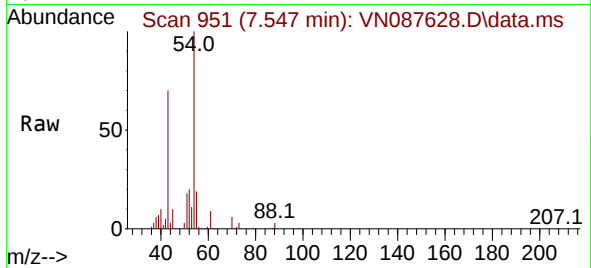
Tgt Ion: 75 Resp: 237727
Ion Ratio Lower Upper
75 100
110 32.4 15.9 47.6
77 31.2 24.4 36.6





#37
Ethyl Acetate
Concen: 40.711 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

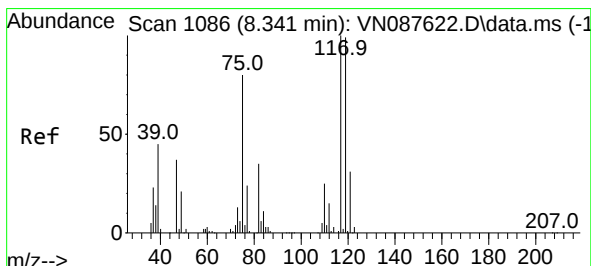
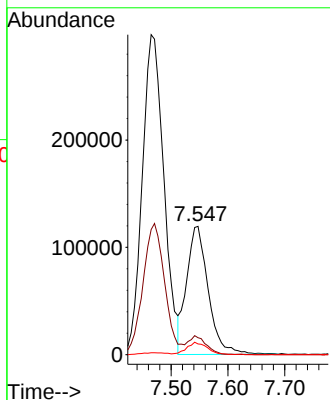
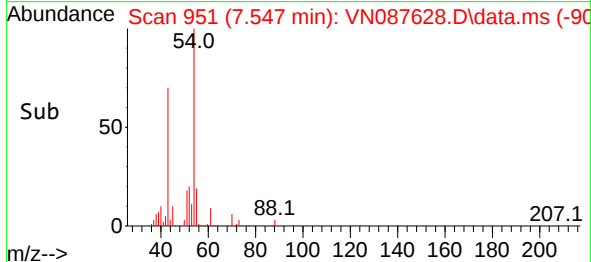
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 31580
Ion Ratio Lower Upper
43 100
61 11.7 9.3 13.9
70 9.2 7.0 10.6

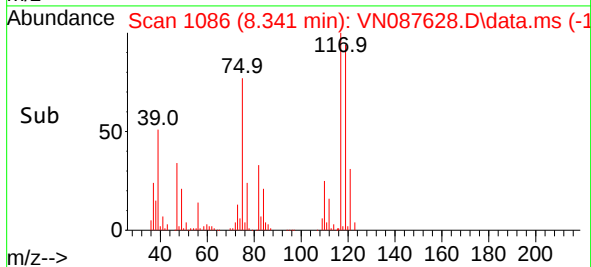
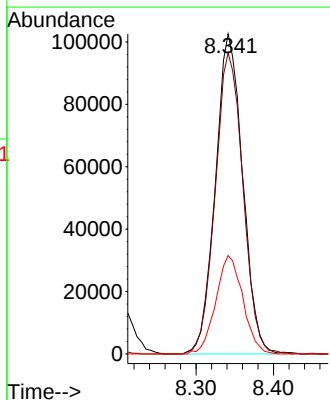
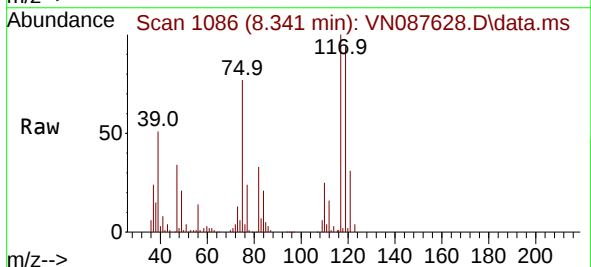
Manual Integrations
APPROVED

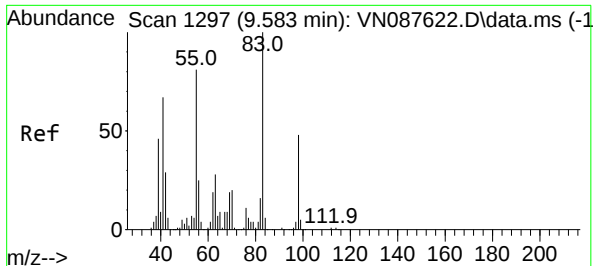
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#38
Carbon Tetrachloride
Concen: 44.673 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

Tgt Ion:117 Resp: 250390
Ion Ratio Lower Upper
117 100
119 94.0 79.0 118.6
121 30.7 25.0 37.6





#39

Methylcyclohexane

Concen: 42.666 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 266660

Ion Ratio Lower Upper

83 100

55 81.6 64.6 96.8

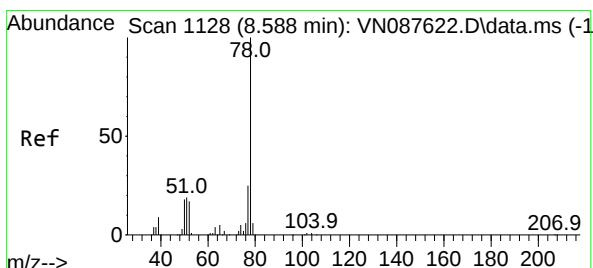
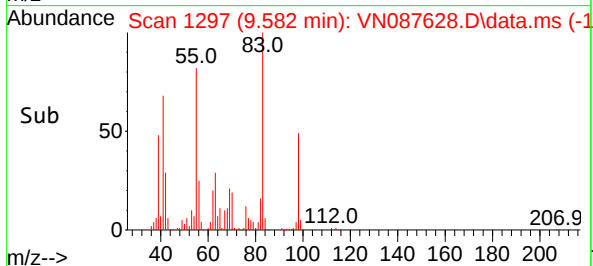
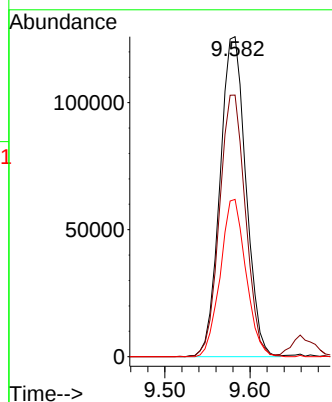
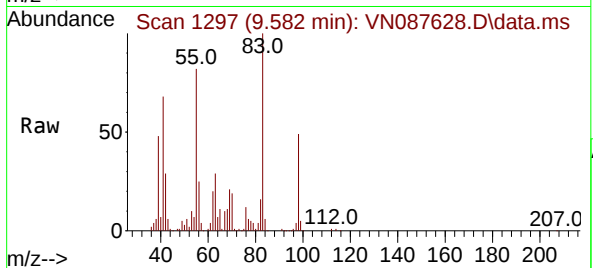
98 49.1 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#40

Benzene

Concen: 43.001 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087628.D

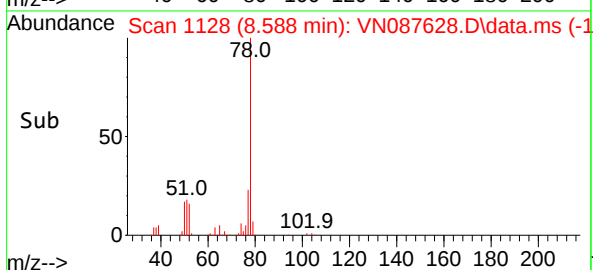
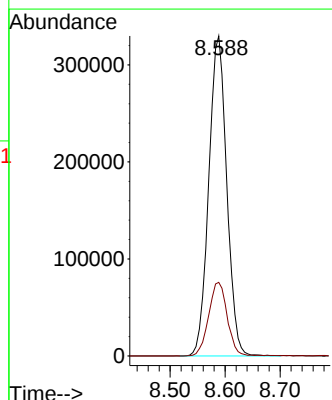
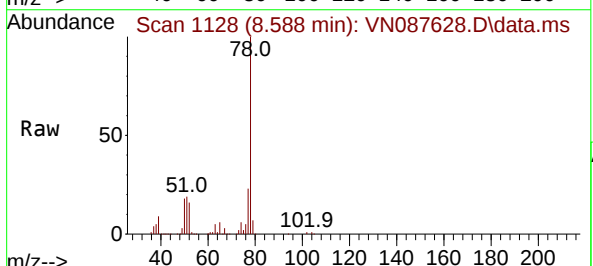
Acq: 22 Aug 2025 09:16

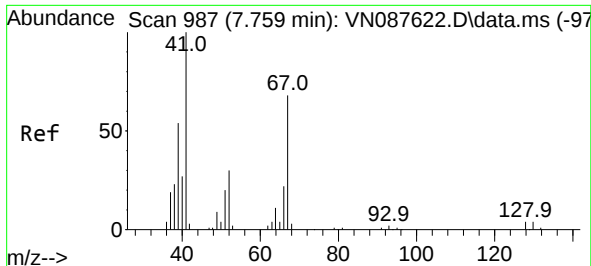
Tgt Ion: 78 Resp: 748721

Ion Ratio Lower Upper

78 100

77 23.0 19.7 29.5





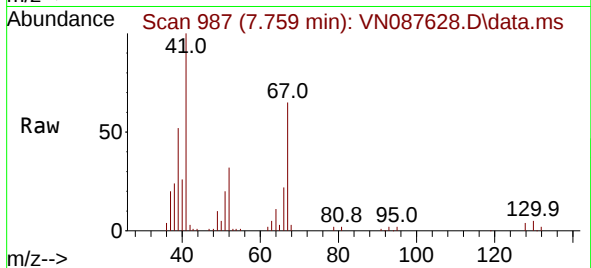
#41
Methacrylonitrile
Concen: 41.979 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



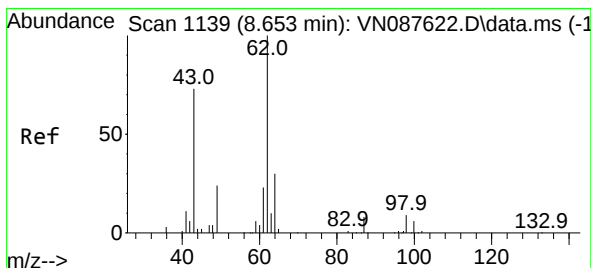
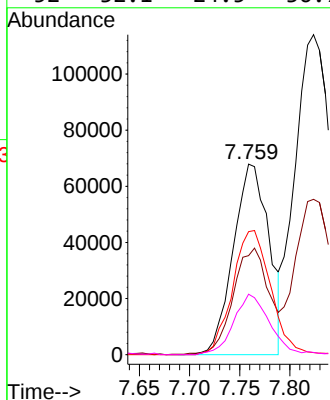
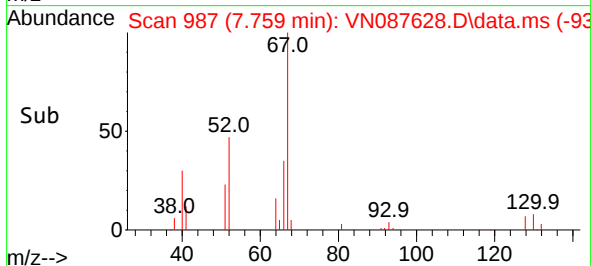
Tgt Ion: 41 Resp: 16868
Ion Ratio Lower Upper
41 100
39 56.1 45.4 68.0
67 69.4 55.3 82.9
52 32.1 24.5 36.7

Manual Integrations

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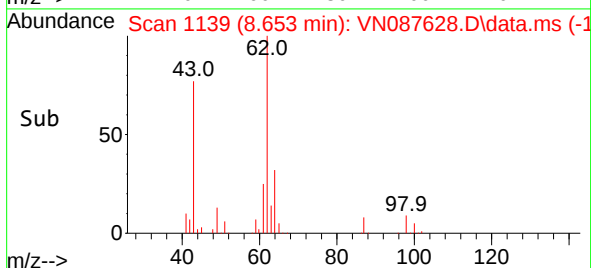
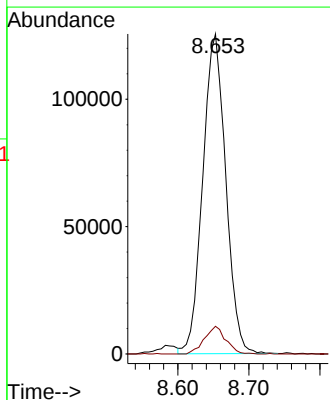
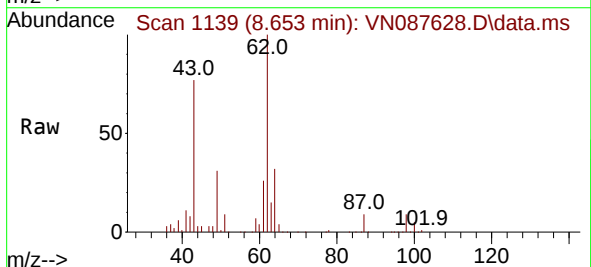
Reviewed By :John Carlone 08/25/2025

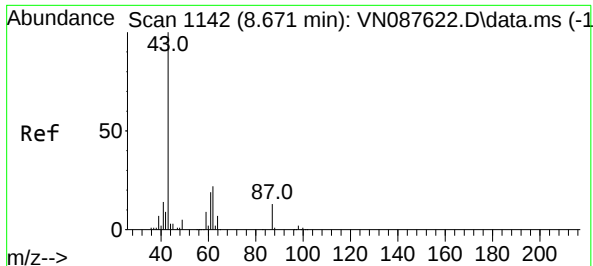
Supervised By :Semsettin Yesilyurt 08/25/2025



#42
1,2-Dichloroethane
Concen: 42.274 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

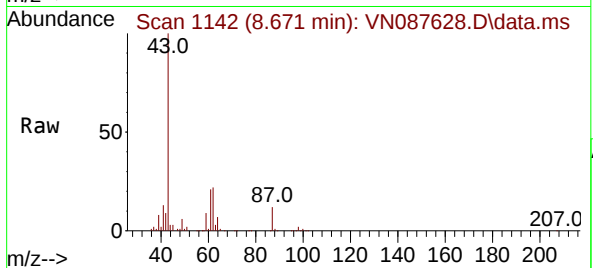
Tgt Ion: 62 Resp: 282857
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.4





#43
Isopropyl Acetate
Concen: 43.011 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

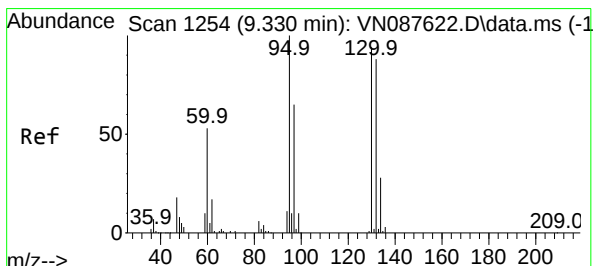
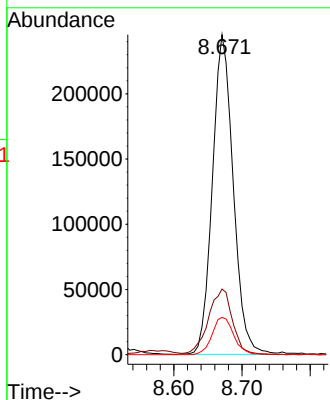
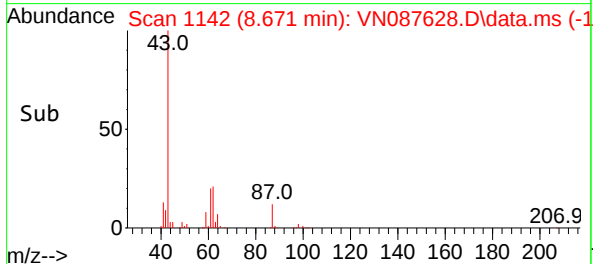
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 520910
Ion Ratio Lower Upper
43 100
61 23.8 18.8 28.2
87 12.2 9.6 14.4

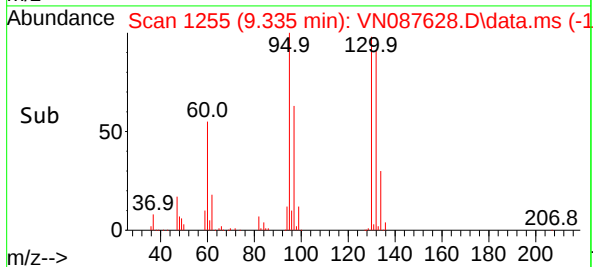
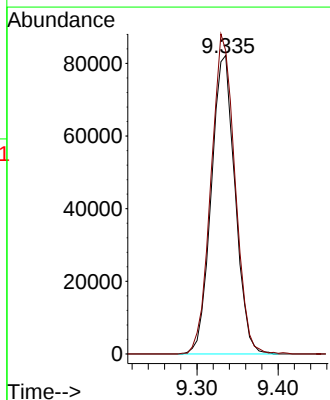
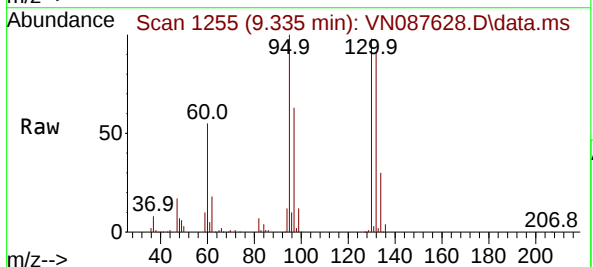
Manual Integrations
APPROVED

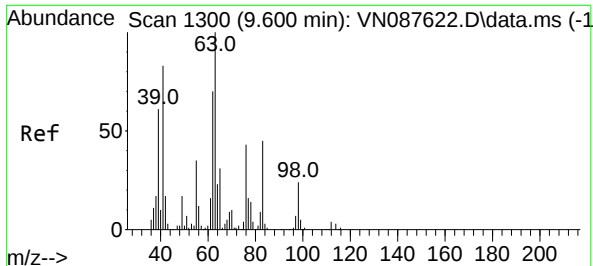
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#44
Trichloroethene
Concen: 42.017 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

Tgt Ion:130 Resp: 167027
Ion Ratio Lower Upper
130 100
95 101.5 0.0 212.0





#45

1,2-Dichloropropane

Concen: 41.692 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 19134

Ion Ratio Lower Upper

63 100

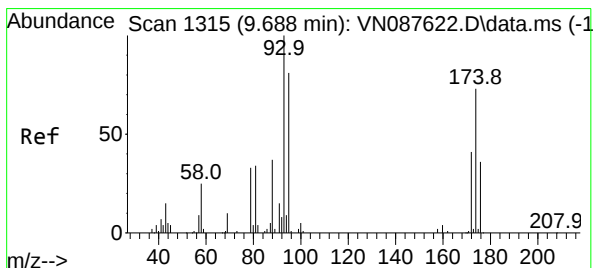
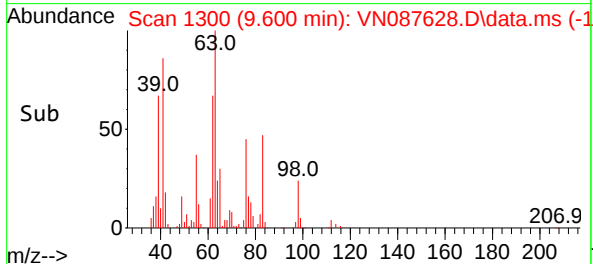
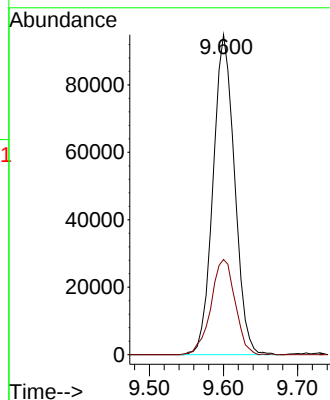
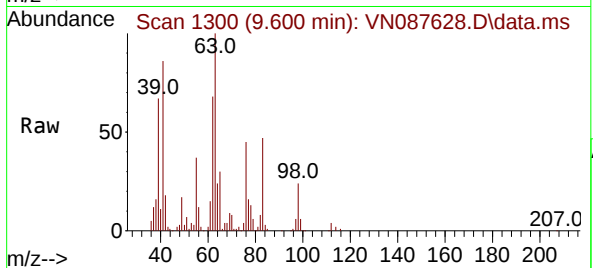
65 29.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#46

Dibromomethane

Concen: 42.767 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

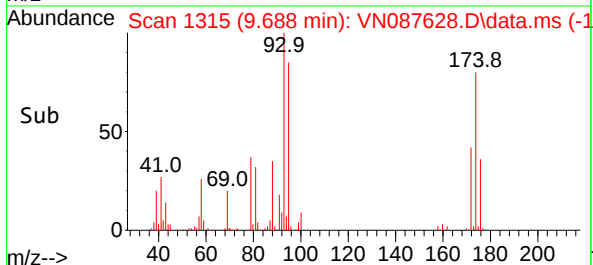
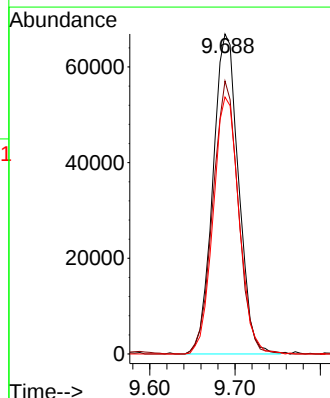
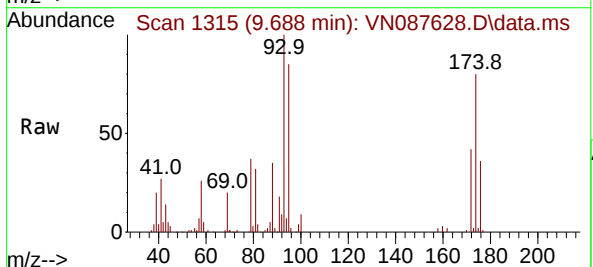
Tgt Ion: 93 Resp: 139677

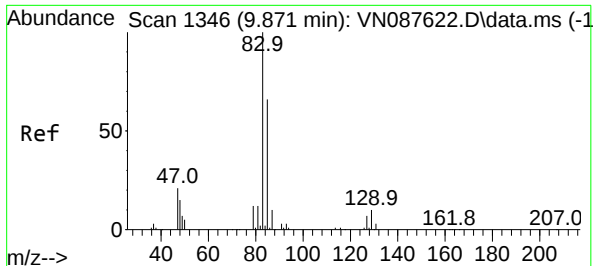
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

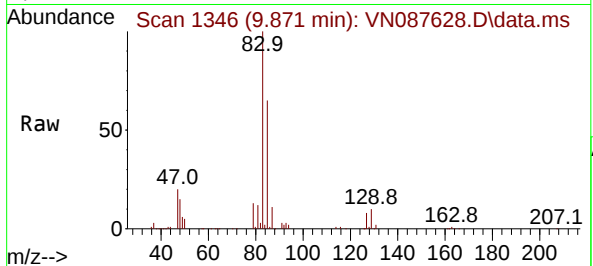
174 81.0 63.4 95.2





#47
Bromodichloromethane
Concen: 42.823 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

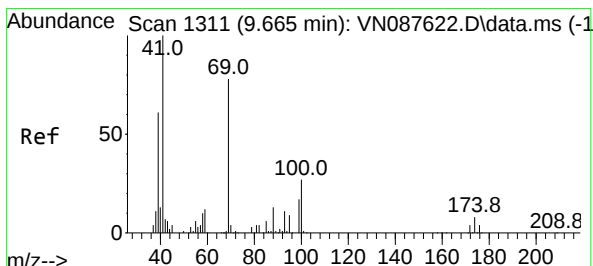
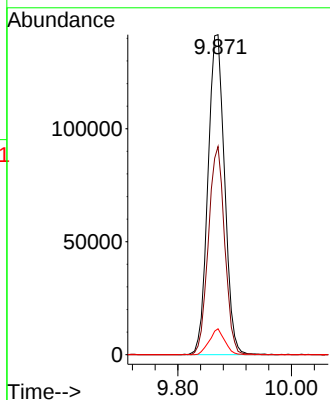
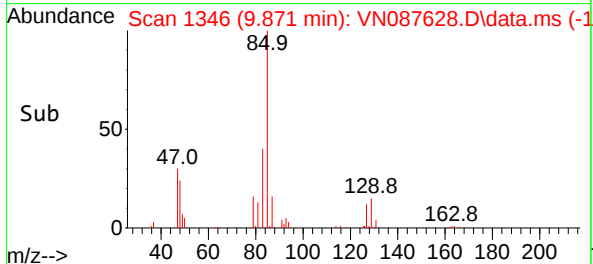
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



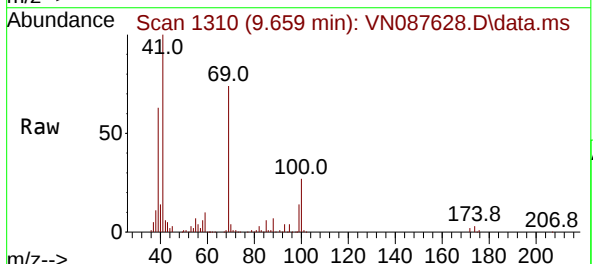
Tgt Ion: 83 Resp: 286639
Ion Ratio Lower Upper
83 100
85 65.1 52.5 78.7
127 8.1 5.8 8.6

Manual Integrations
APPROVED

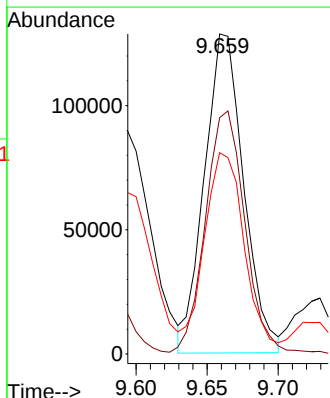
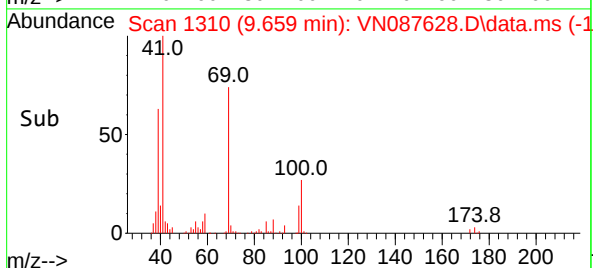
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

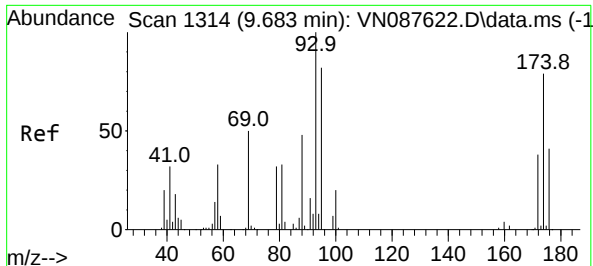


#48
Methyl methacrylate
Concen: 43.189 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16



Tgt Ion: 41 Resp: 247415
Ion Ratio Lower Upper
41 100
69 77.3 62.7 94.1
39 64.7 52.9 79.3





#49

1,4-Dioxane

Concen: 910.061 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 6757

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

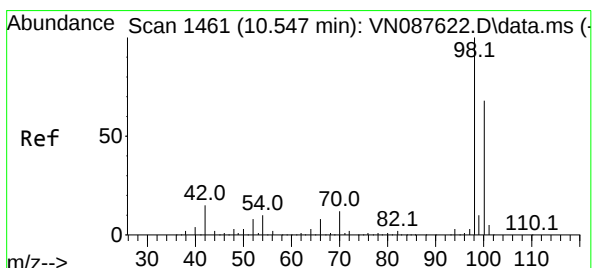
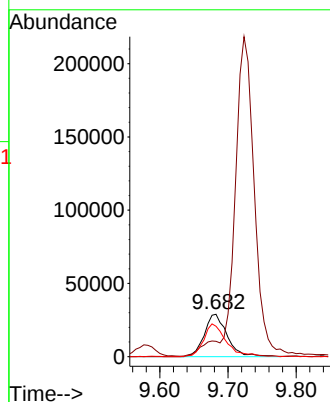
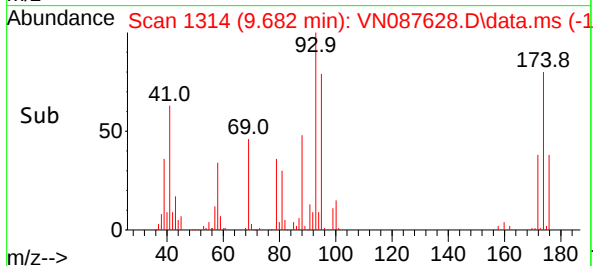
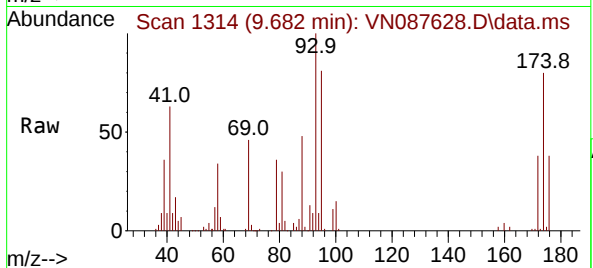
58 76.6 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#50

Toluene-d8

Concen: 45.200 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087628.D

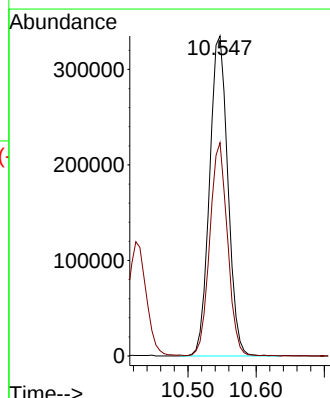
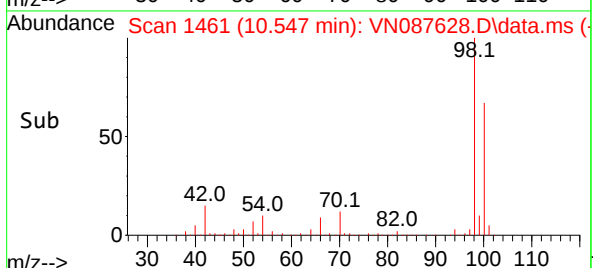
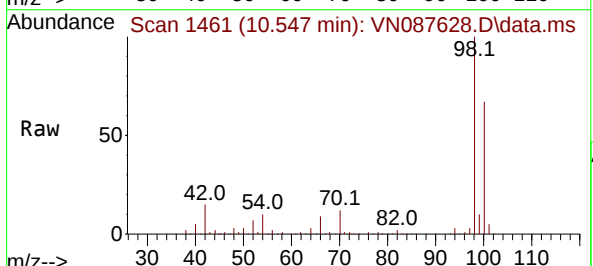
Acq: 22 Aug 2025 09:16

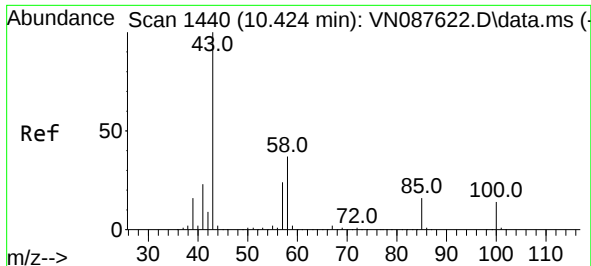
Tgt Ion: 98 Resp: 626019

Ion Ratio Lower Upper

98 100

100 64.6 52.8 79.2





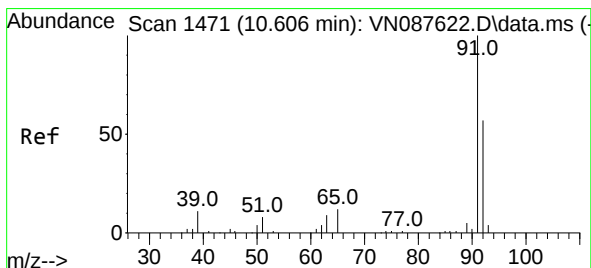
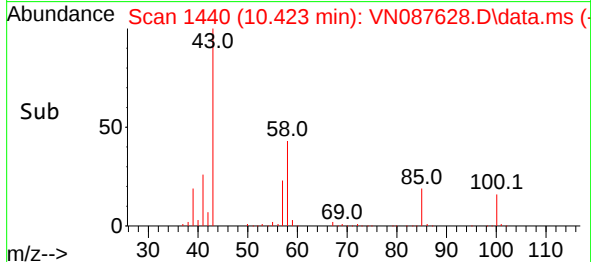
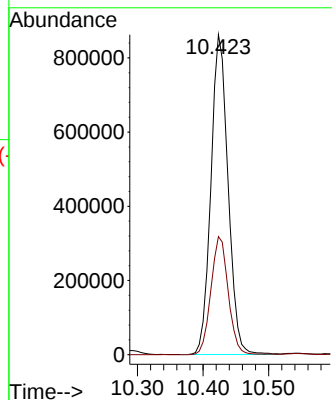
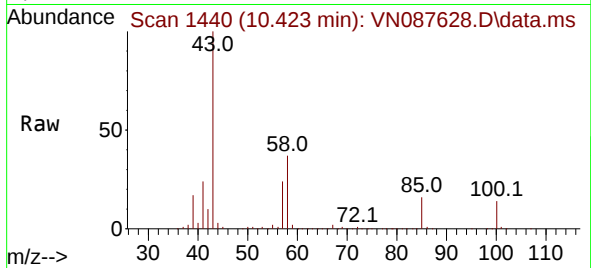
#51
4-Methyl-2-Pentanone
Concen: 214.333 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 156616
Ion Ratio Lower Upper
43 100
58 37.3 29.6 44.4

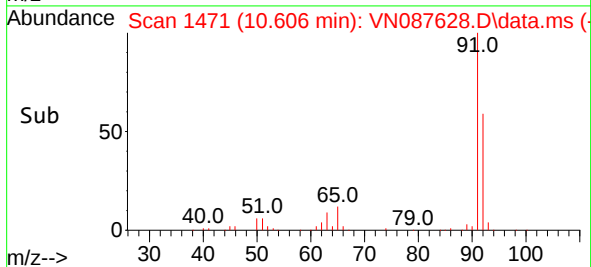
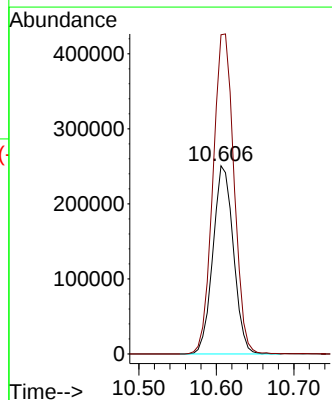
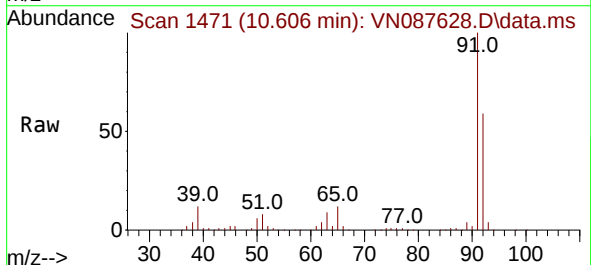
Manual Integrations
APPROVED

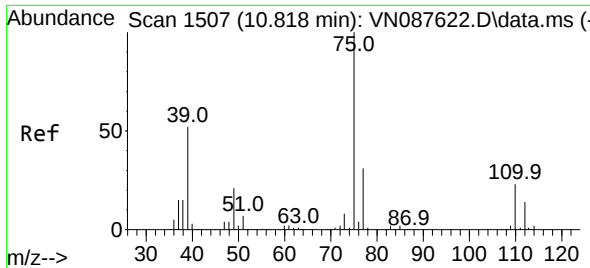
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#52
Toluene
Concen: 42.638 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

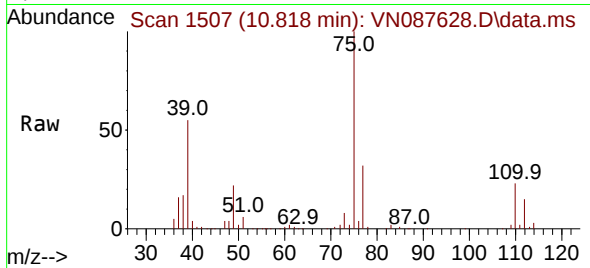
Tgt Ion: 92 Resp: 460243
Ion Ratio Lower Upper
92 100
91 174.9 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 44.694 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

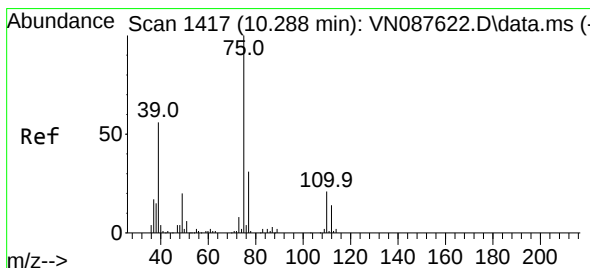
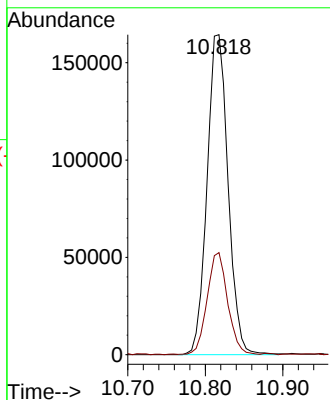
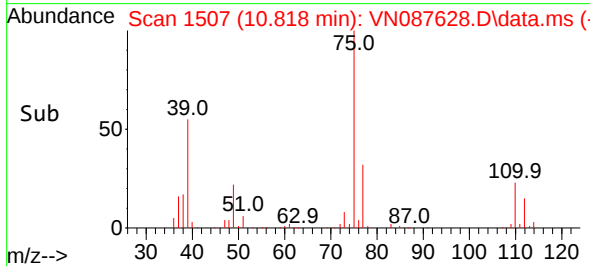
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



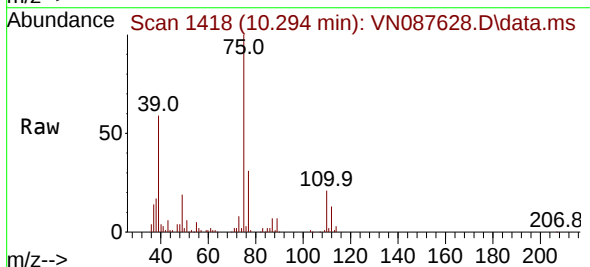
Tgt Ion: 75 Resp: 30966
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8

Manual Integrations
APPROVED

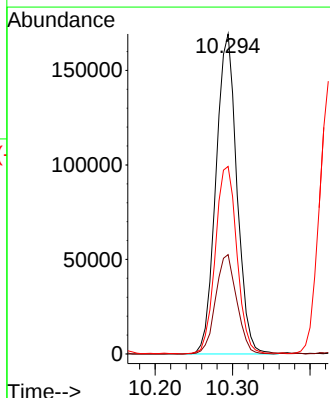
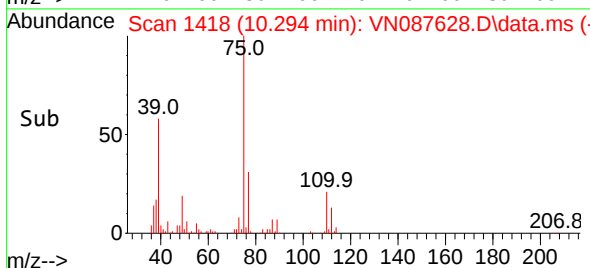
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

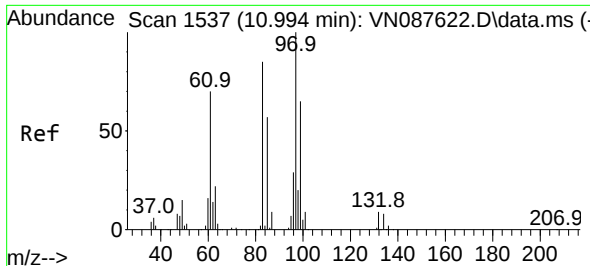


#54
cis-1,3-Dichloropropene
Concen: 44.222 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16



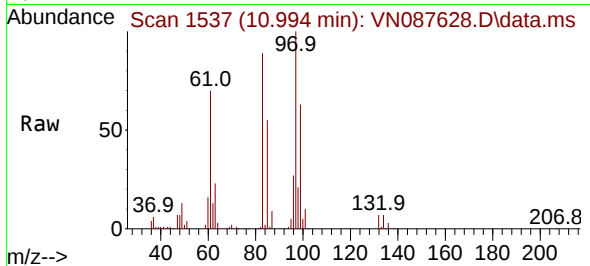
Tgt Ion: 75 Resp: 318132
Ion Ratio Lower Upper
75 100
77 31.0 24.6 37.0
39 58.5 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 42.666 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

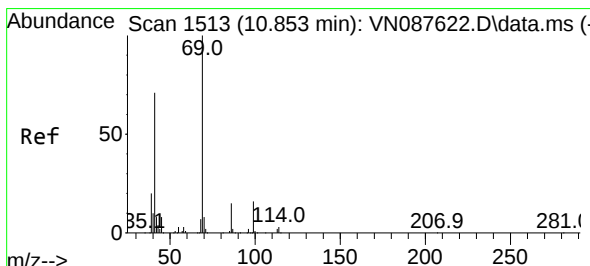
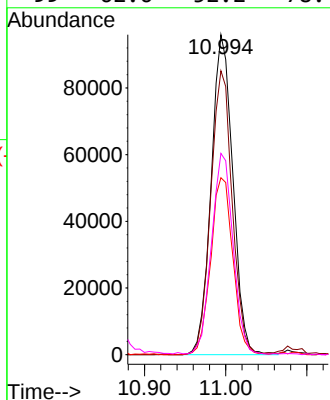
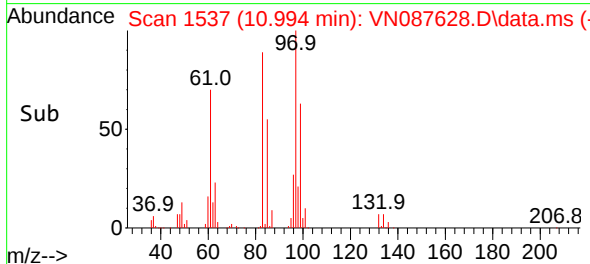
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



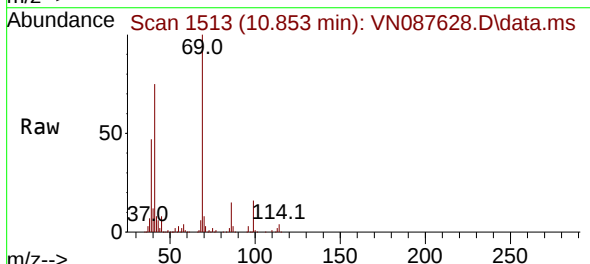
Tgt Ion: 97 Resp: 178160
Ion Ratio Lower Upper
97 100
83 88.7 68.2 102.4
85 55.3 45.5 68.3
99 62.6 52.2 78.4

Manual Integrations
APPROVED

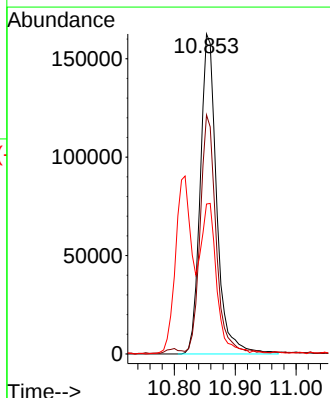
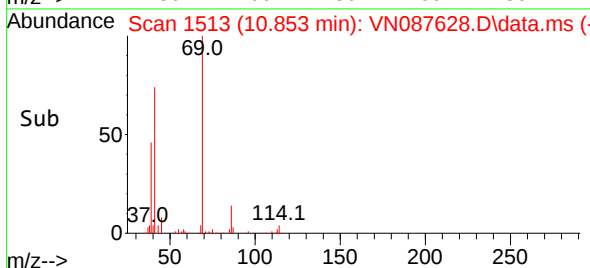
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#56
Ethyl methacrylate
Concen: 45.661 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16



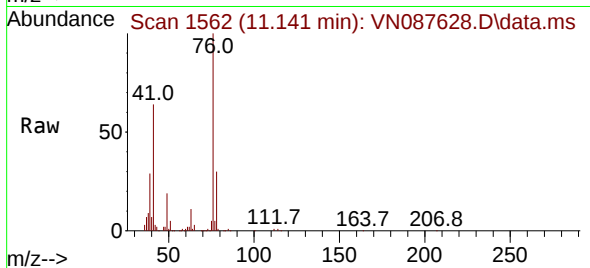
Tgt Ion: 69 Resp: 304710
Ion Ratio Lower Upper
69 100
41 71.4 56.5 84.7
39 45.9 34.2 51.4





#57
1,3-Dichloropropane
Concen: 43.136 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

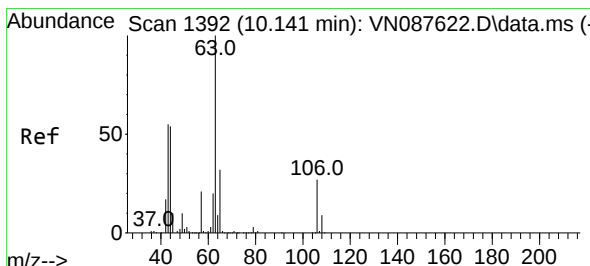
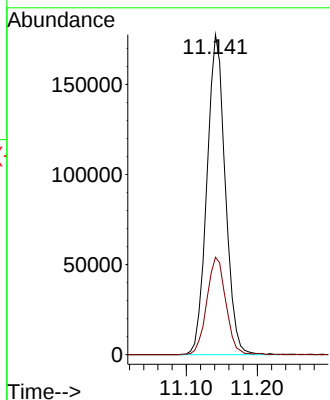
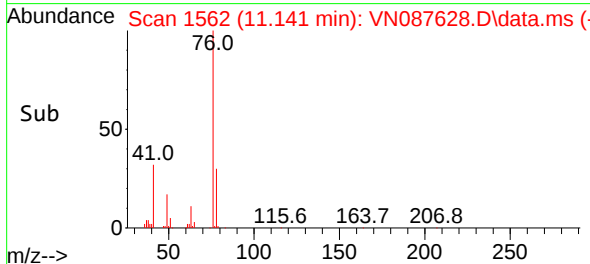
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



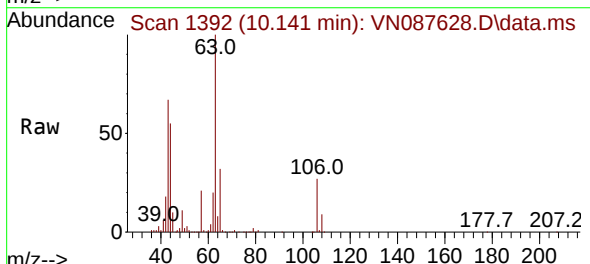
Tgt Ion: 76 Resp: 318776
Ion Ratio Lower Upper
76 100
78 31.6 26.2 39.4

Manual Integrations
APPROVED

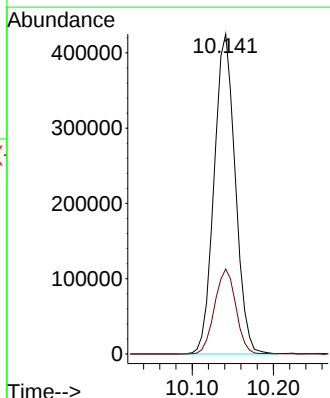
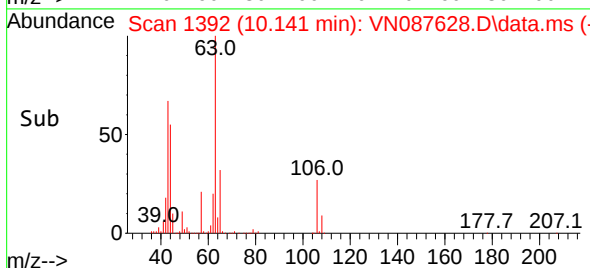
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

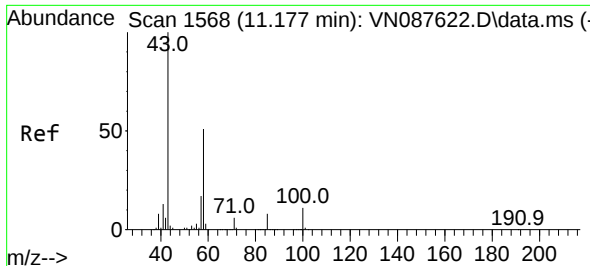


#58
2-Chloroethyl Vinyl ether
Concen: 213.205 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16



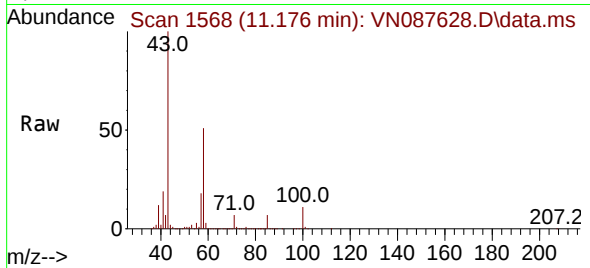
Tgt Ion: 63 Resp: 770085
Ion Ratio Lower Upper
63 100
106 26.6 21.1 31.7





#59
2-Hexanone
Concen: 235.033 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

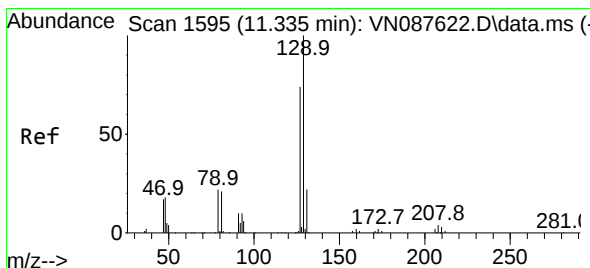
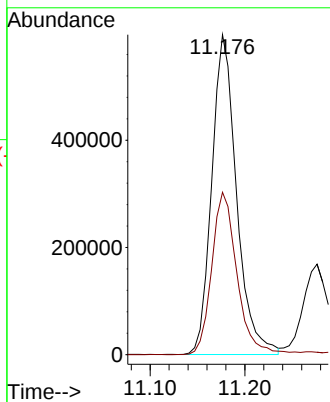
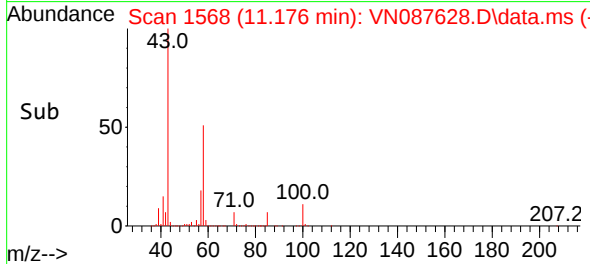
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1085409
Ion Ratio Lower Upper
43 100
58 52.0 25.9 77.8

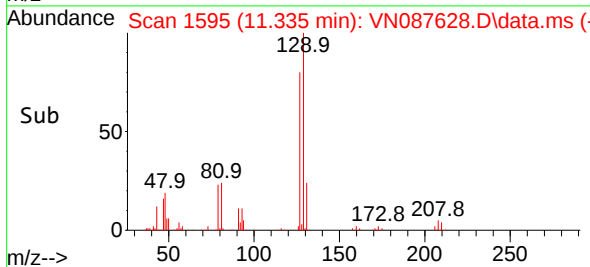
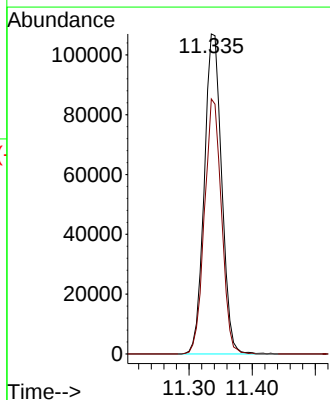
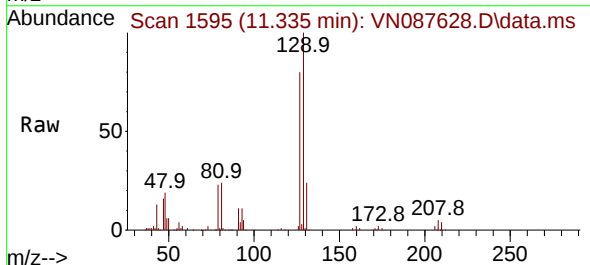
Manual Integrations
APPROVED

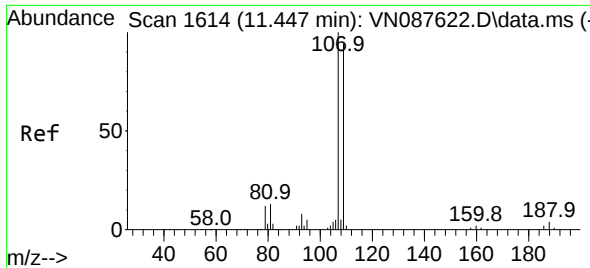
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#60
Dibromochloromethane
Concen: 42.338 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

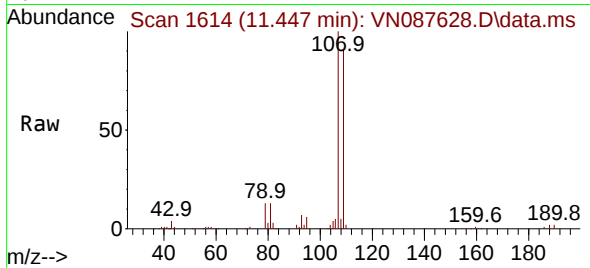
Tgt Ion:129 Resp: 204847
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3





#61
1,2-Dibromoethane
Concen: 43.133 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

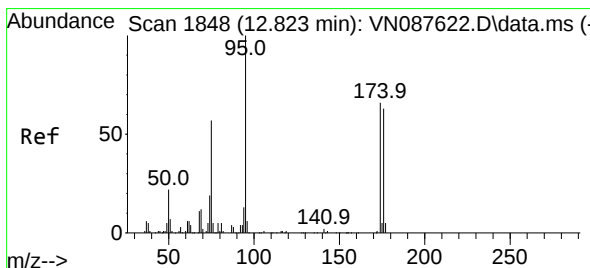
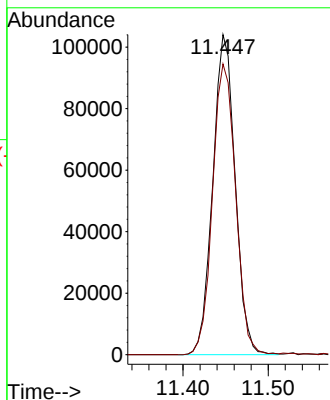
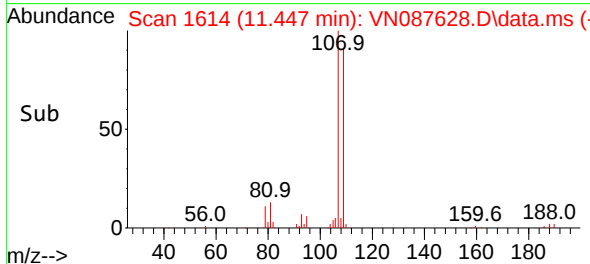
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



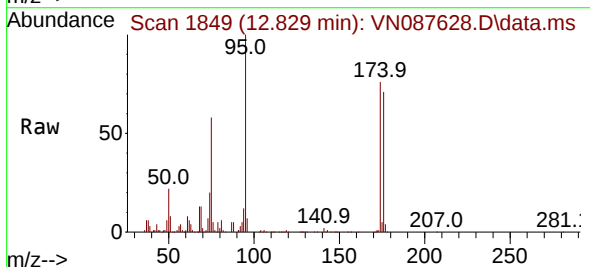
Tgt Ion:107 Resp: 189910
Ion Ratio Lower Upper
107 100
109 93.8 74.7 112.1

Manual Integrations
APPROVED

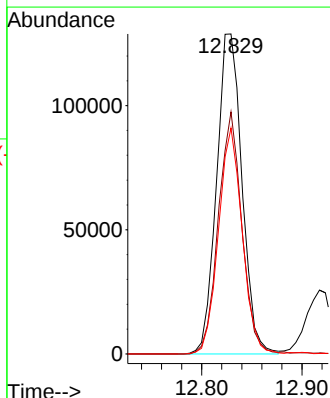
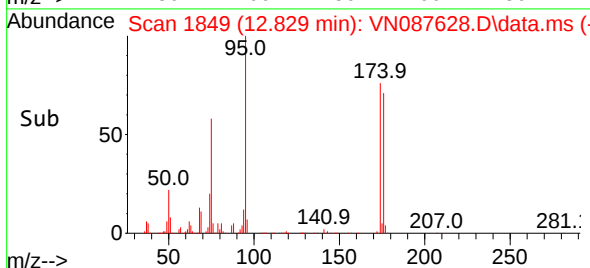
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

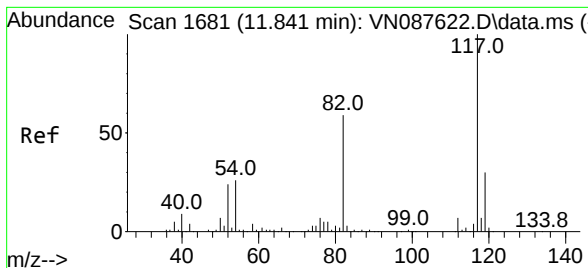


#62
4-Bromofluorobenzene
Concen: 46.063 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16



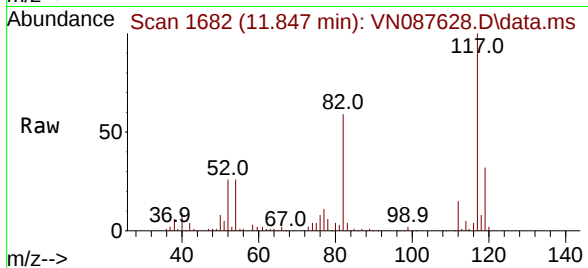
Tgt Ion: 95 Resp: 226882
Ion Ratio Lower Upper
95 100
174 70.4 0.0 138.4
176 65.9 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.006 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

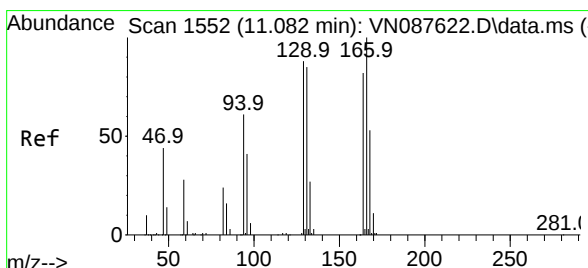
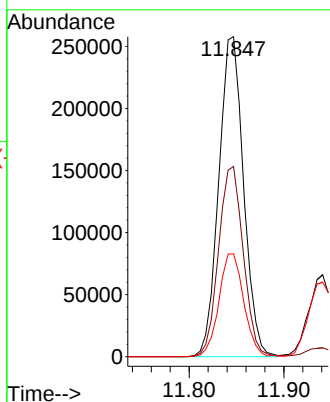
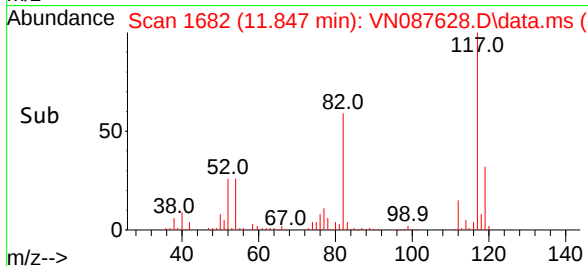
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



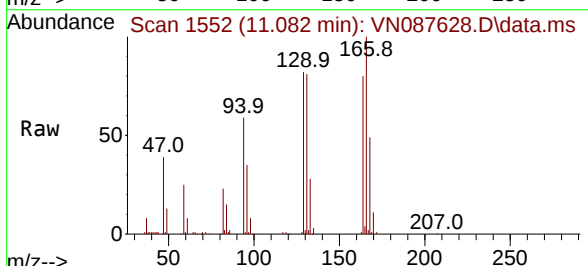
Tgt Ion:117 Resp: 469400
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 32.1 24.3 36.5

Manual Integrations
APPROVED

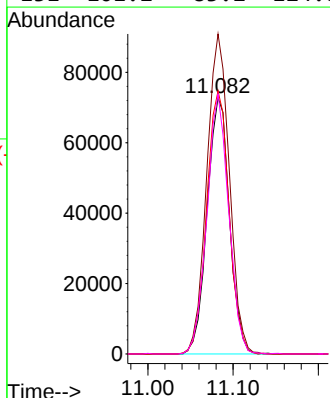
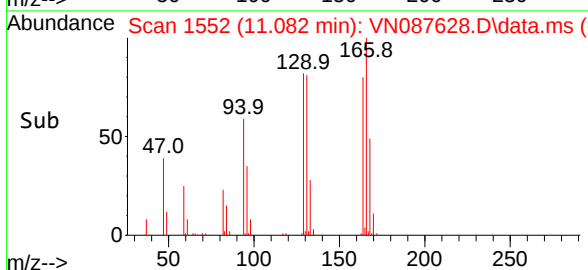
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

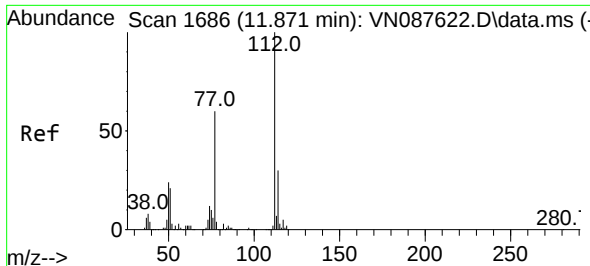


#64
Tetrachloroethene
Concen: 40.527 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16



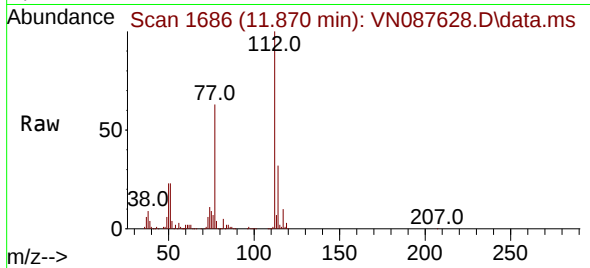
Tgt Ion:164 Resp: 131985
Ion Ratio Lower Upper
164 100
166 124.8 97.7 146.5
129 102.5 85.9 128.9
131 101.2 83.2 124.8





#65
Chlorobenzene
Concen: 42.367 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

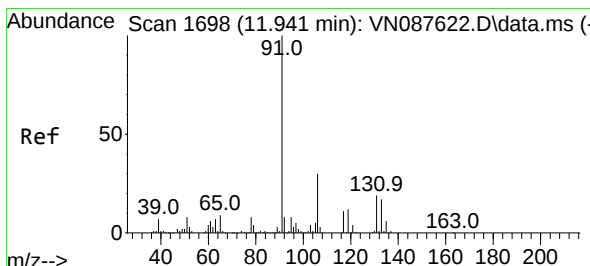
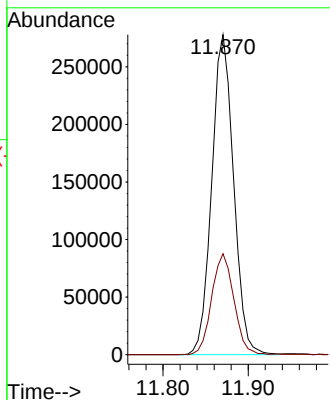
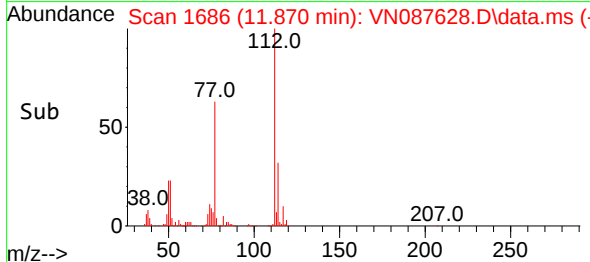
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



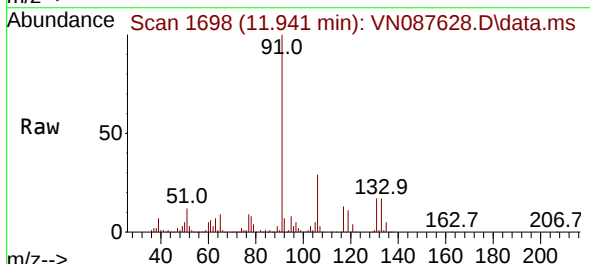
Tgt Ion:112 Resp: 494768
Ion Ratio Lower Upper
112 100
114 31.5 24.3 36.5

Manual Integrations
APPROVED

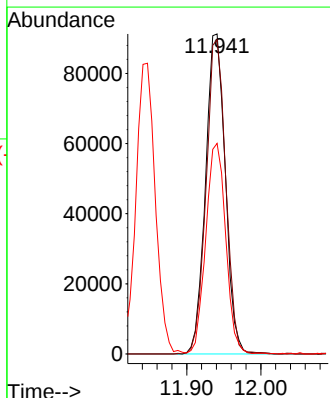
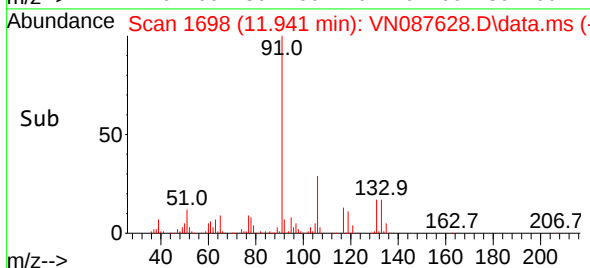
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

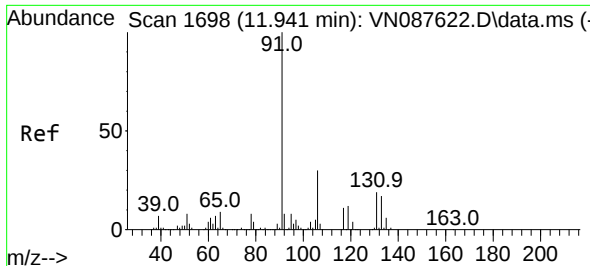


#66
1,1,1,2-Tetrachloroethane
Concen: 43.580 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16



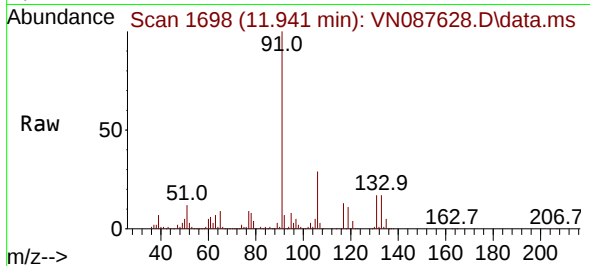
Tgt Ion:131 Resp: 168958
Ion Ratio Lower Upper
131 100
133 97.9 48.0 144.0
119 66.5 32.6 97.7





#67
Ethyl Benzene
Concen: 44.216 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

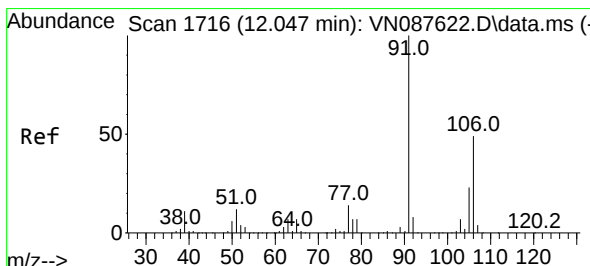
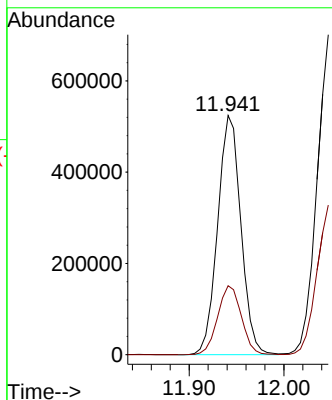
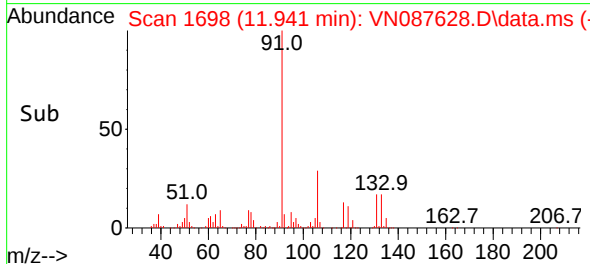
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



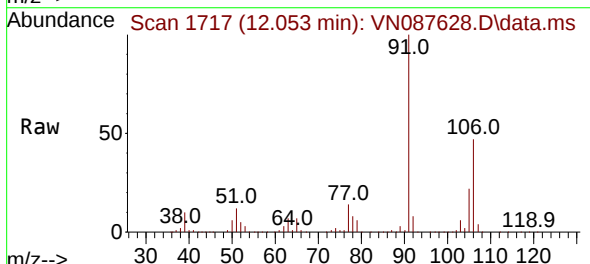
Tgt Ion: 91 Resp: 894020
Ion Ratio Lower Upper
91 100
106 28.8 24.1 36.1

Manual Integrations
APPROVED

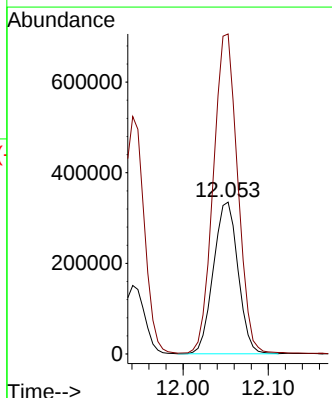
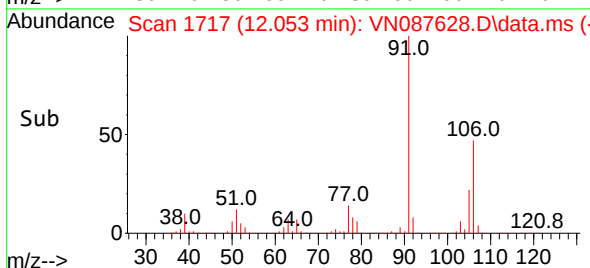
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

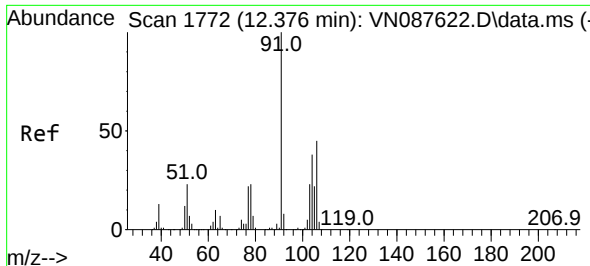


#68
m/p-Xylenes
Concen: 90.541 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16



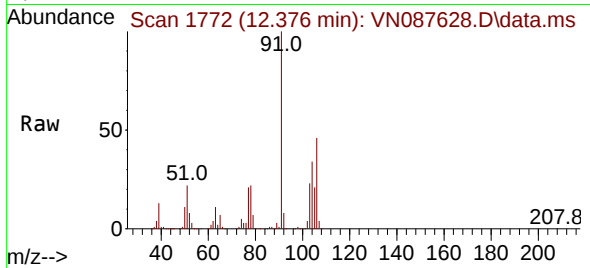
Tgt Ion:106 Resp: 671405
Ion Ratio Lower Upper
106 100
91 209.6 169.3 253.9





#69
o-Xylene
Concen: 43.765 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

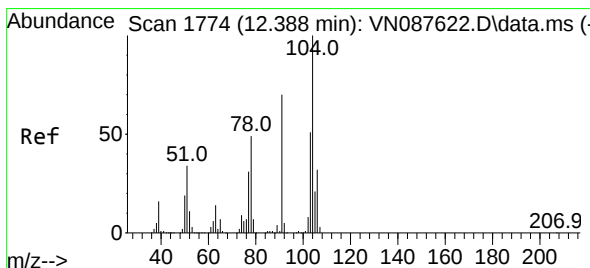
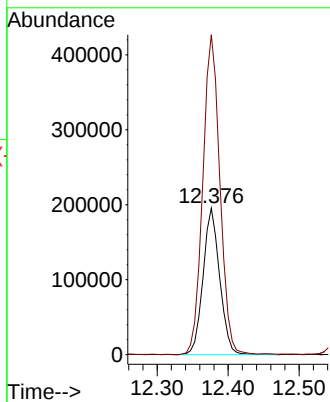
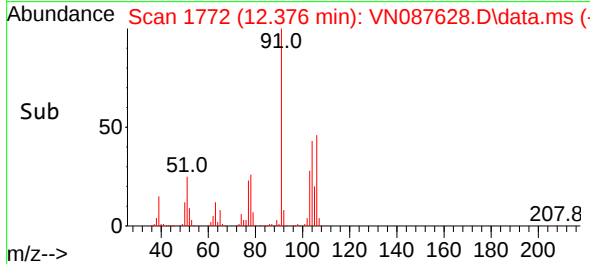
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 318048
Ion Ratio Lower Upper
106 100
91 225.3 111.4 334.2

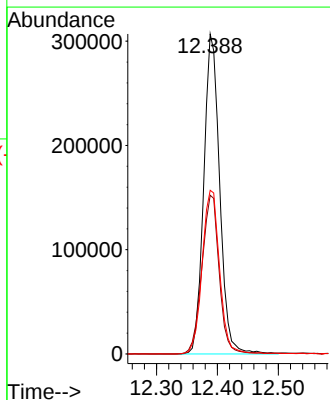
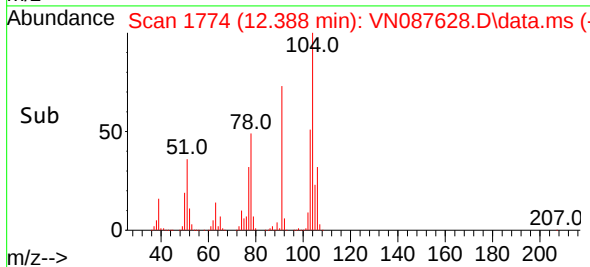
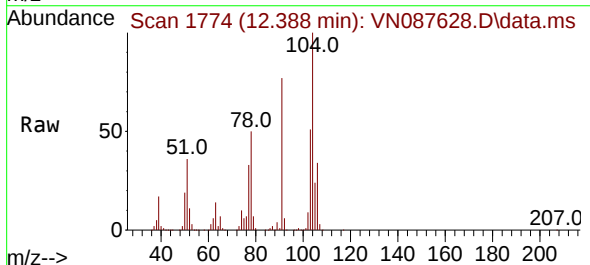
Manual Integrations
APPROVED

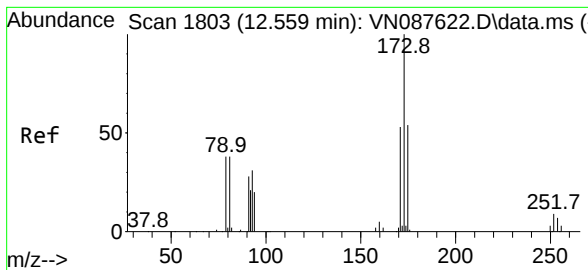
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#70
Styrene
Concen: 45.927 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

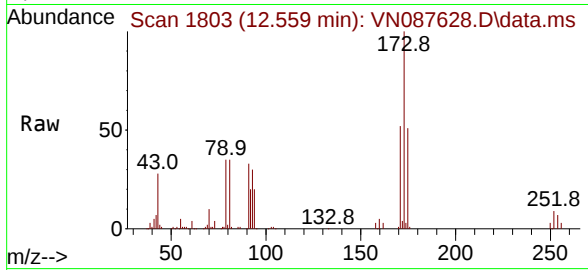
Tgt Ion:104 Resp: 559152
Ion Ratio Lower Upper
104 100
78 53.7 42.2 63.2
103 55.6 43.4 65.2





#71
Bromoform
Concen: 45.467 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

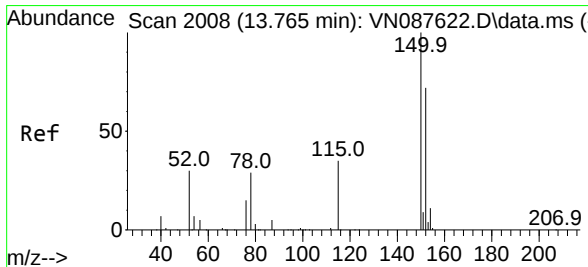
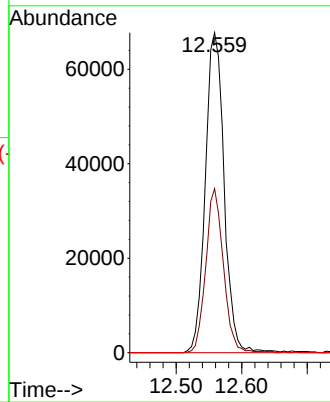
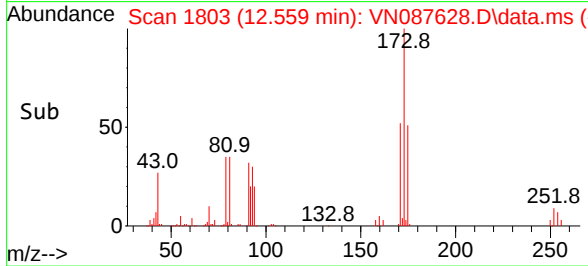
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



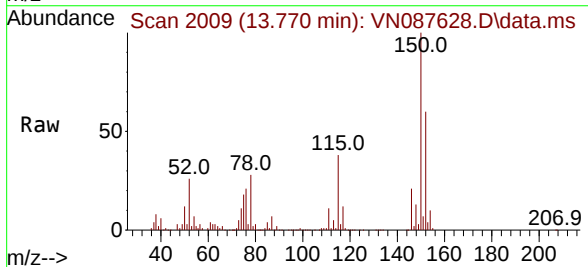
Tgt Ion:173 Resp: 135189
Ion Ratio Lower Upper
173 100
175 48.0 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

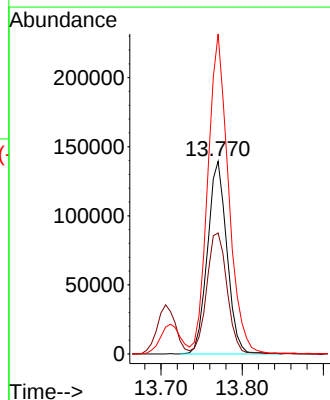
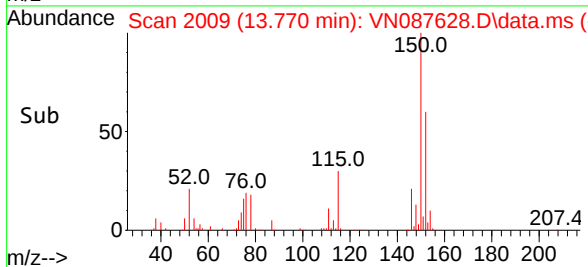
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

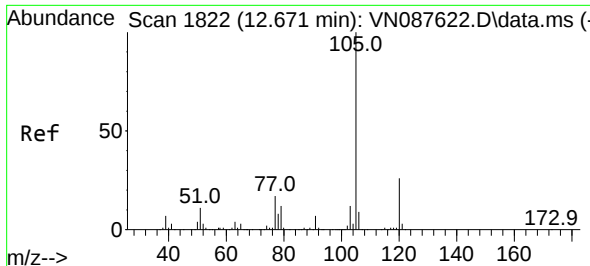


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16



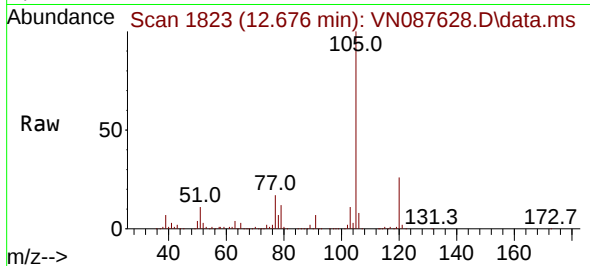
Tgt Ion:152 Resp: 231212
Ion Ratio Lower Upper
152 100
115 65.4 32.3 96.8
150 176.9 0.0 351.0





#73
Isopropylbenzene
Concen: 44.486 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

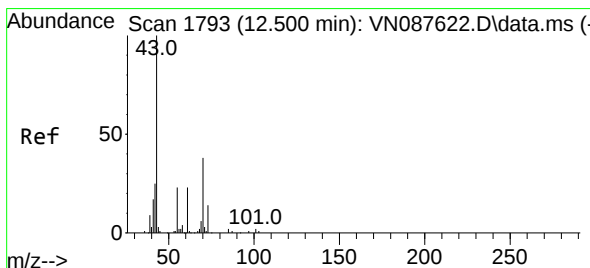
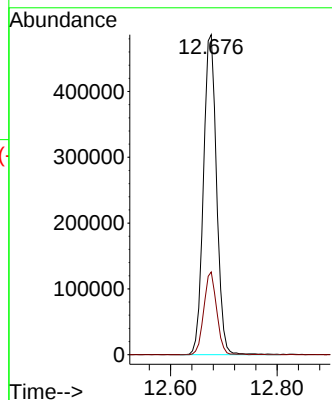
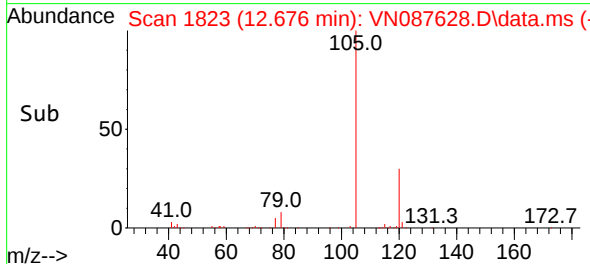
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 105 Resp: 83115
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.3

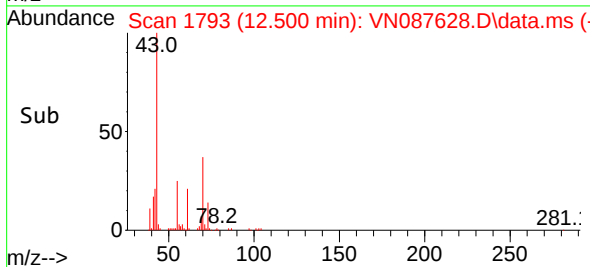
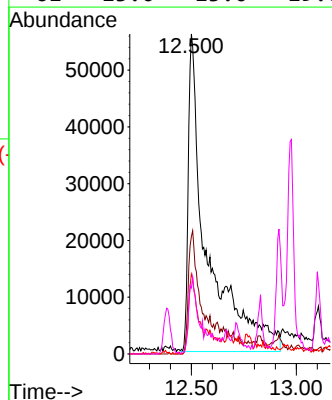
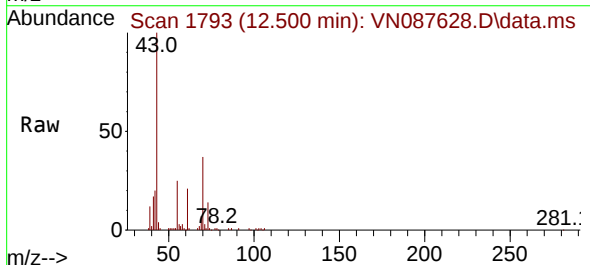
Manual Integrations
APPROVED

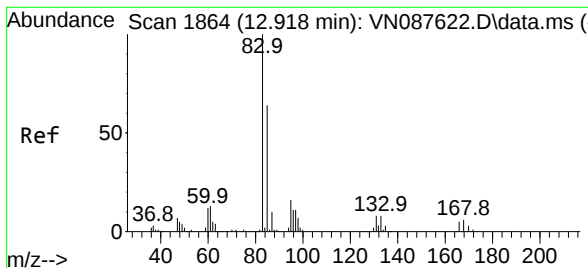
Reviewed By : John Carlone 08/25/2025
Supervised By : Semsettin Yesilyurt 08/25/2025



#74
N-ethyl acetate
Concen: 49.502 ug/l m
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

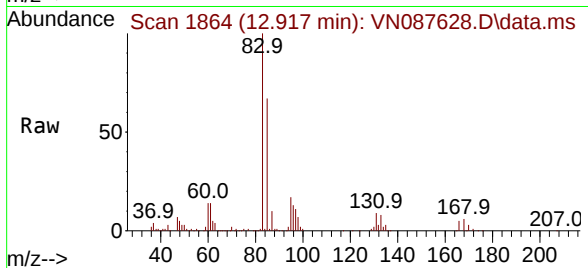
Tgt Ion: 43 Resp: 350496
Ion Ratio Lower Upper
43 100
70 23.8 27.6 41.4#
55 11.8 13.0 19.6#
61 13.0 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 42.601 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

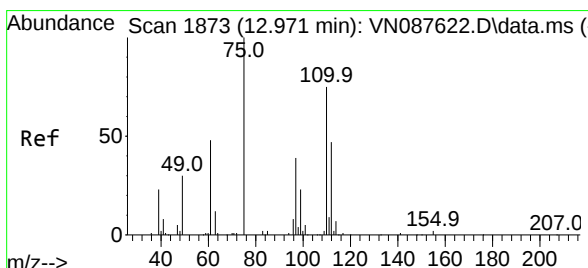
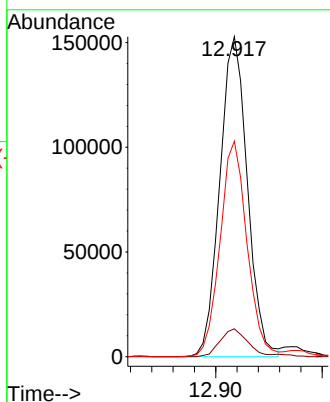
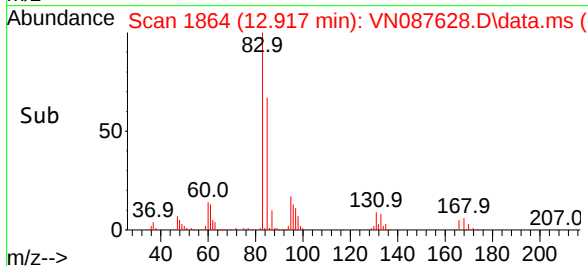
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



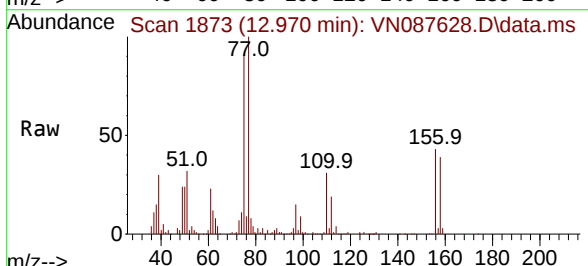
Tgt Ion: 83 Resp: 274020
Ion Ratio Lower Upper
83 100
131 9.1 4.8 14.4
85 66.0 32.1 96.3

Manual Integrations
APPROVED

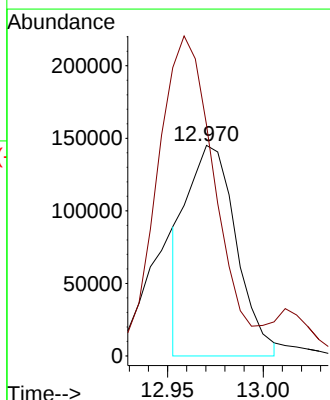
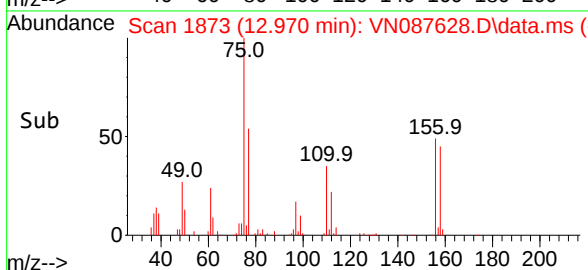
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

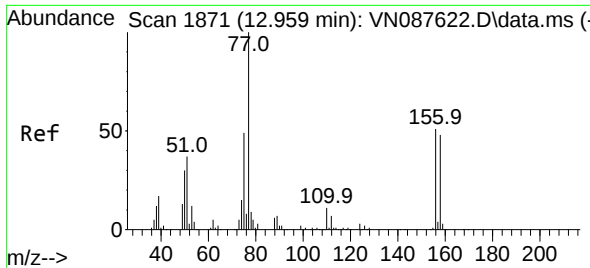


#76
1,2,3-Trichloropropane
Concen: 48.423 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16



Tgt Ion: 75 Resp: 262553
Ion Ratio Lower Upper
75 100
77 177.5 89.1 267.4





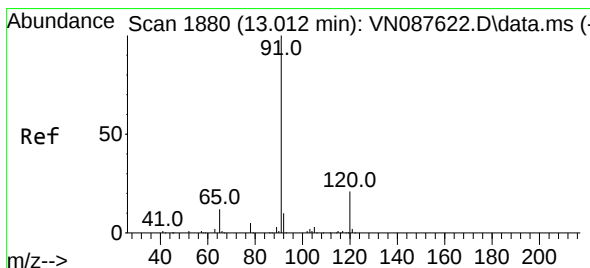
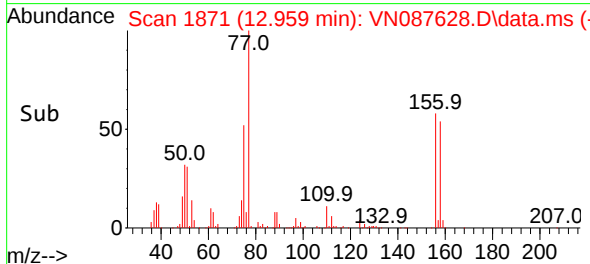
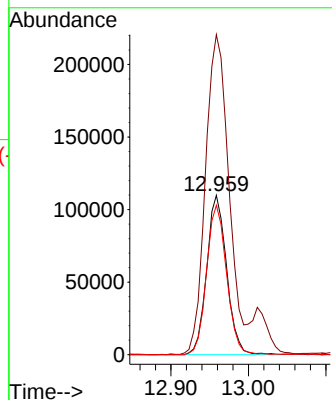
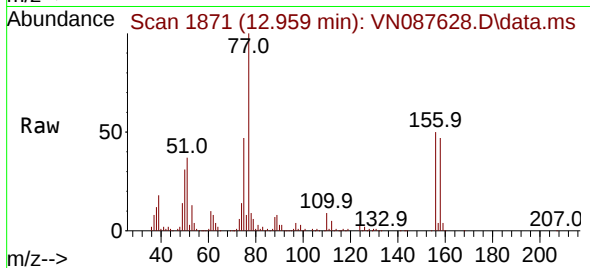
#77
Bromobenzene
Concen: 44.539 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 196209
Ion Ratio Lower Upper
156 100
77 237.5 119.3 358.0
158 94.7 48.2 144.6

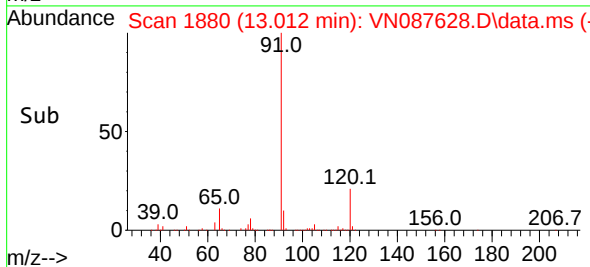
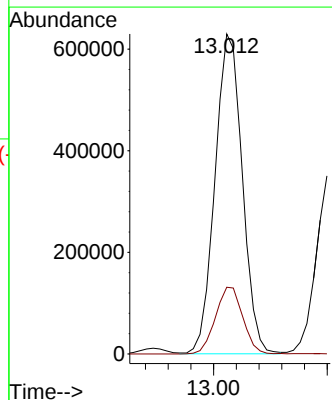
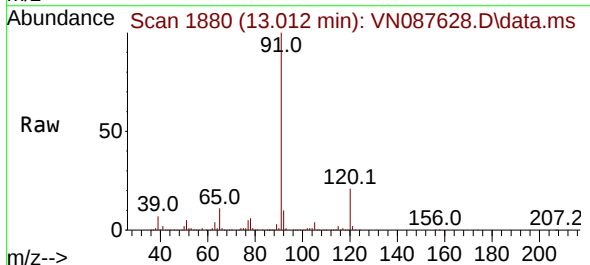
Manual Integrations
APPROVED

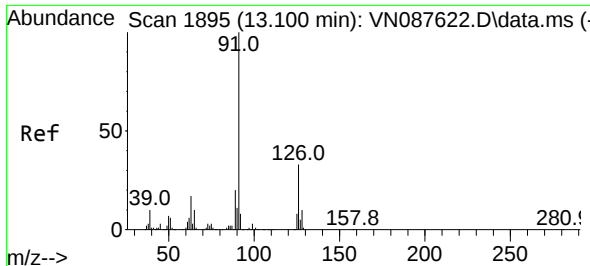
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#78
n-propylbenzene
Concen: 45.633 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

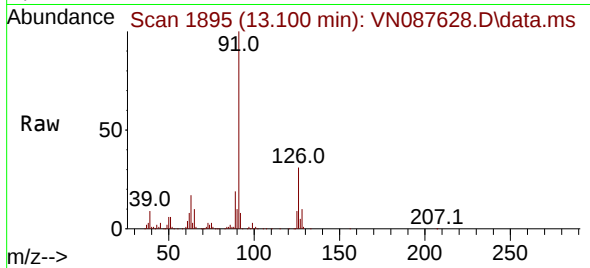
Tgt Ion: 91 Resp: 1050162
Ion Ratio Lower Upper
91 100
120 20.9 10.7 32.1





#79
2-Chlorotoluene
Concen: 44.742 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

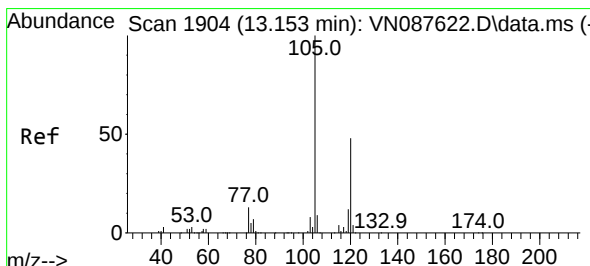
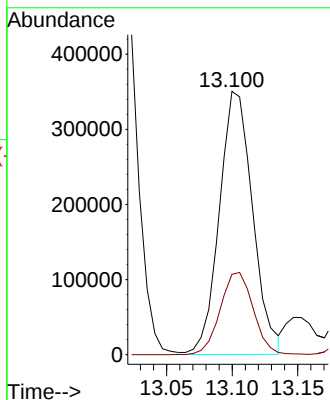
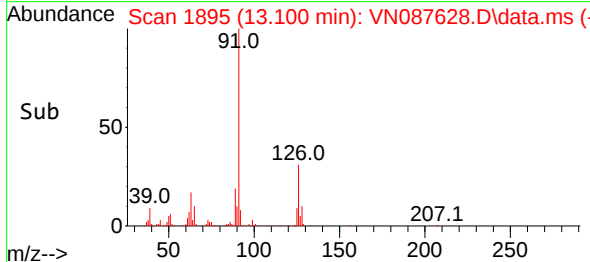
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



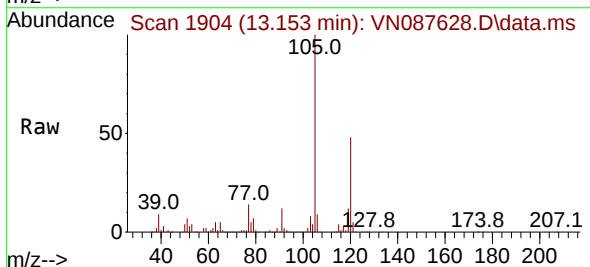
Tgt Ion: 91 Resp: 61964
Ion Ratio Lower Upper
91 100
126 31.0 16.1 48.3

Manual Integrations
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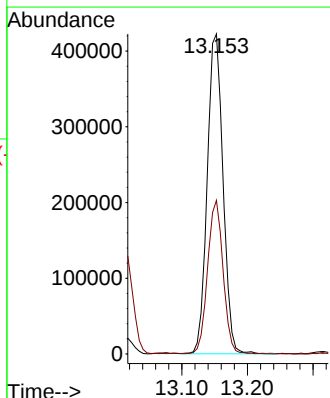
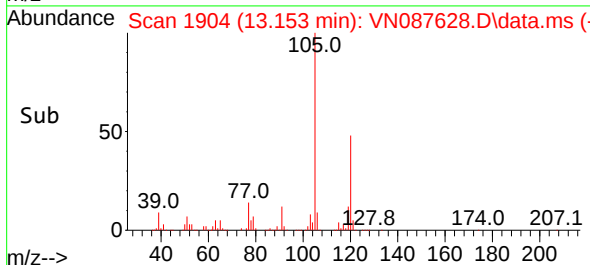
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

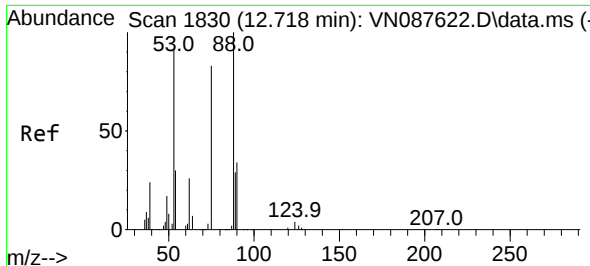


#80
1,3,5-Trimethylbenzene
Concen: 44.677 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16



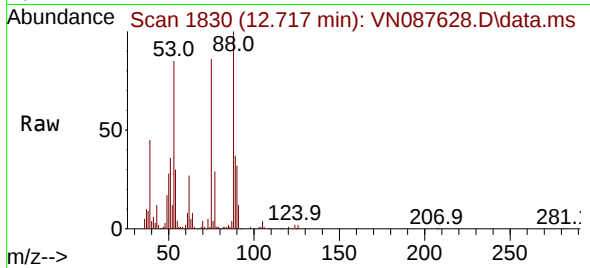
Tgt Ion:105 Resp: 708107
Ion Ratio Lower Upper
105 100
120 47.2 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 46.343 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

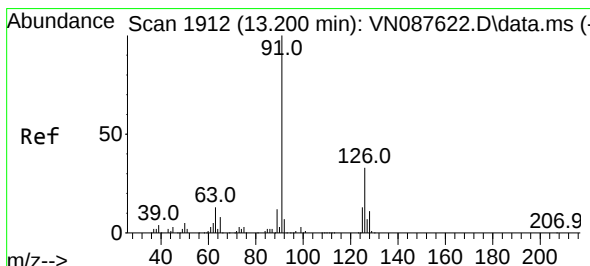
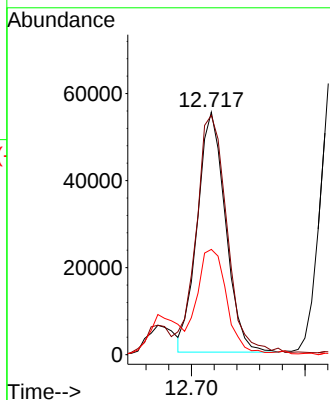
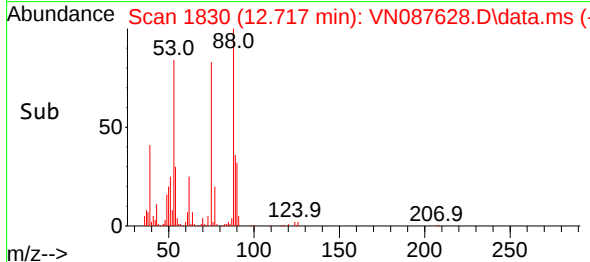
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



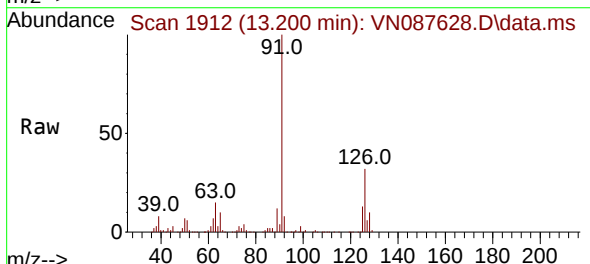
Tgt Ion: 75 Resp: 9491
Ion Ratio Lower Upper
75 100
53 108.7 101.8 152.6
89 44.4 35.6 53.4

Manual Integrations
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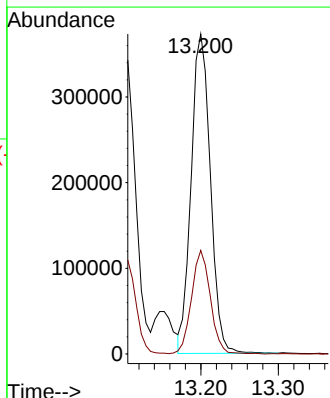
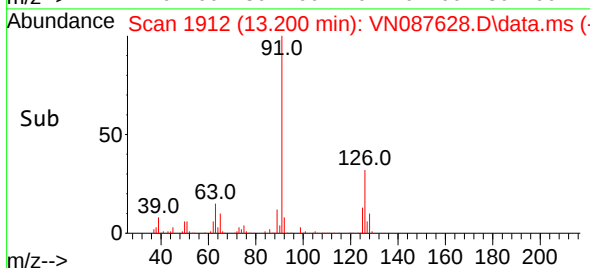
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

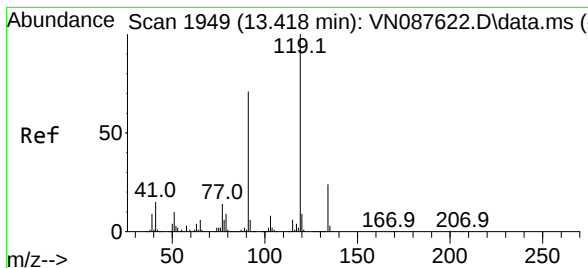


#82
4-Chlorotoluene
Concen: 44.088 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16



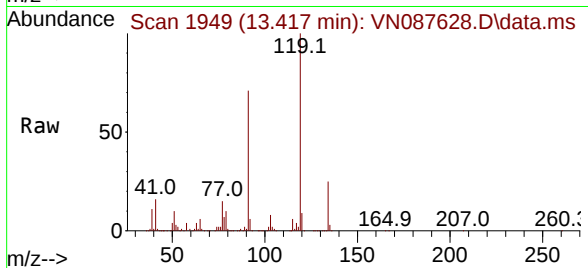
Tgt Ion: 91 Resp: 641958
Ion Ratio Lower Upper
91 100
126 31.9 15.6 46.8





#83
 tert-Butylbenzene
 Concen: 44.622 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087628.D
 Acq: 22 Aug 2025 09:16

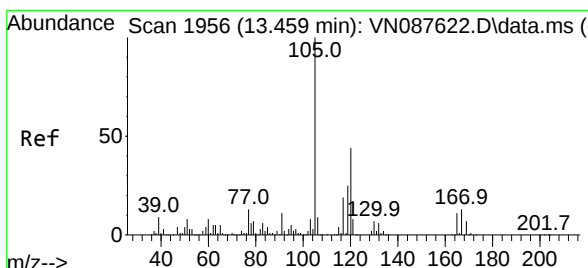
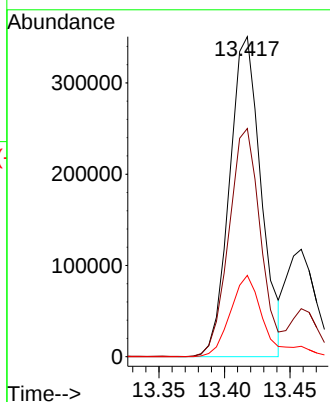
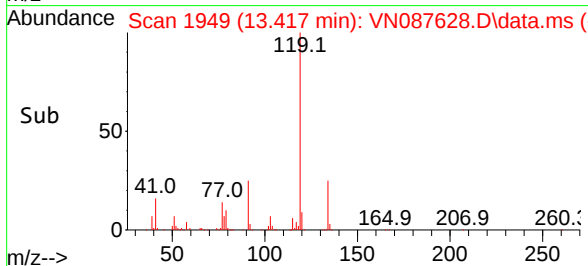
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



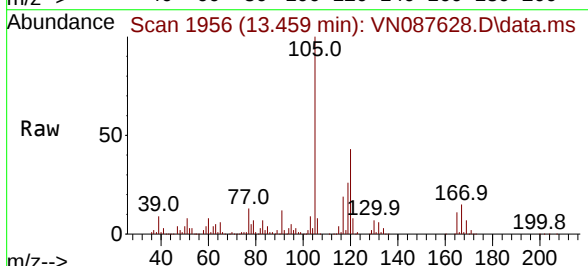
Tgt Ion:119 Resp: 58935
 Ion Ratio Lower Upper
 119 100
 91 70.9 35.0 105.0
 134 27.3 12.6 37.8

Manual Integrations
 APPROVED

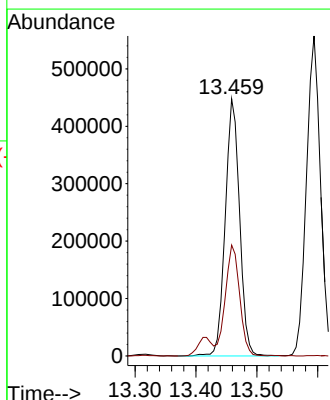
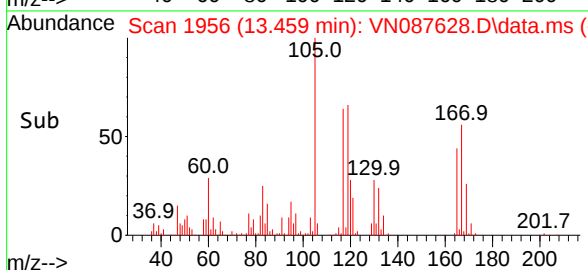
Reviewed By :John Carbone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

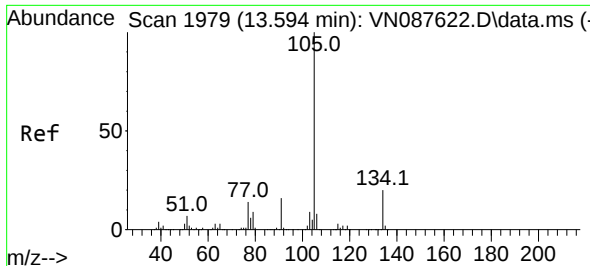


#84
 1,2,4-Trimethylbenzene
 Concen: 46.093 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087628.D
 Acq: 22 Aug 2025 09:16



Tgt Ion:105 Resp: 731327
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.0 66.0





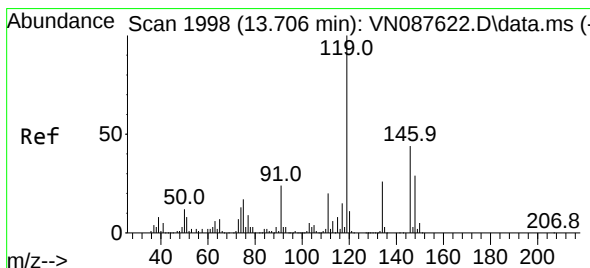
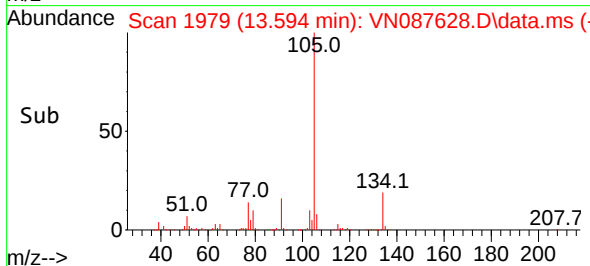
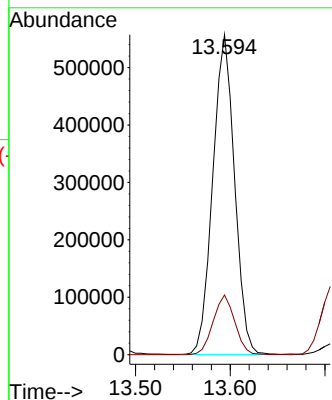
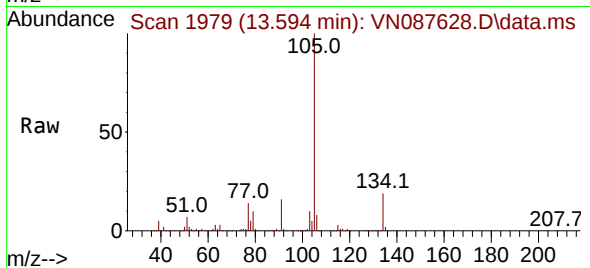
#85
 sec-Butylbenzene
 Concen: 45.394 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087628.D
 Acq: 22 Aug 2025 09:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 88972
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.6 28.6

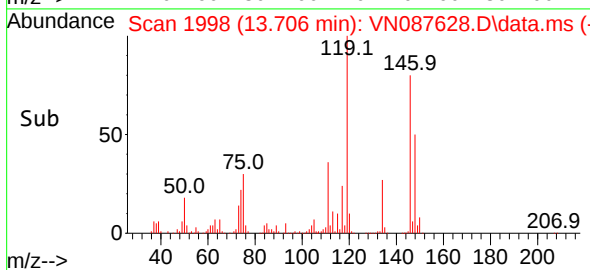
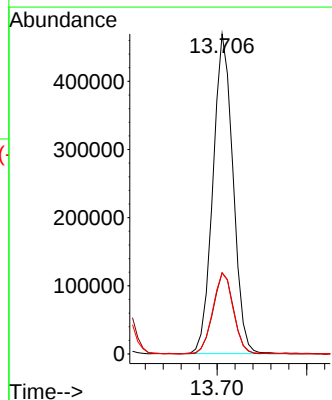
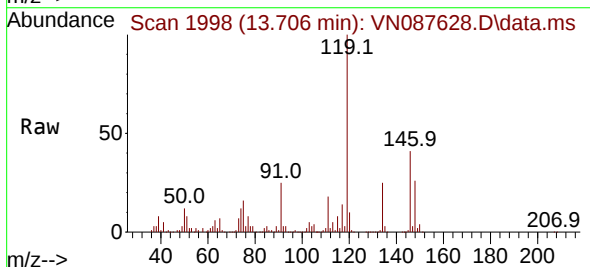
Manual Integrations
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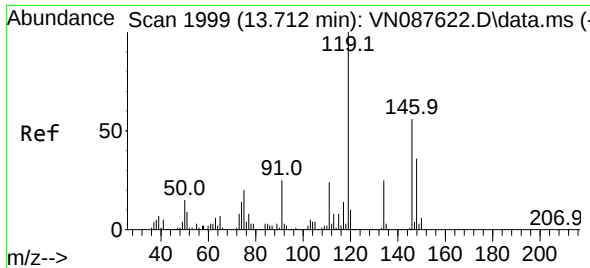
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025



#86
 p-Isopropyltoluene
 Concen: 44.908 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087628.D
 Acq: 22 Aug 2025 09:16

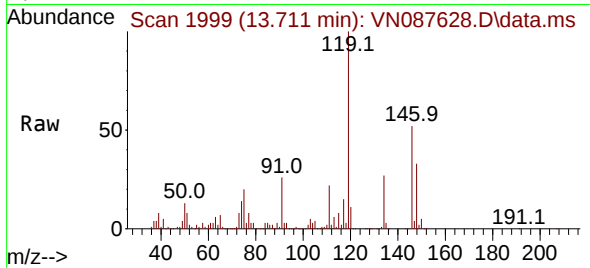
Tgt Ion:119 Resp: 726821
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.0
 91 26.4 12.5 37.5





#87
 1,3-Dichlorobenzene
 Concen: 42.915 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087628.D
 Acq: 22 Aug 2025 09:16

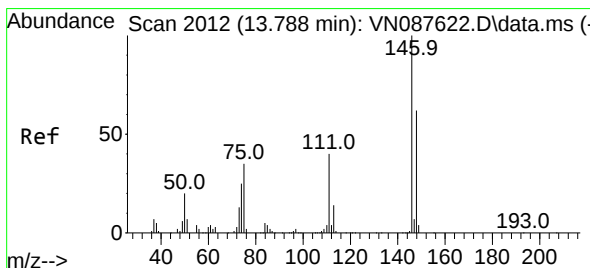
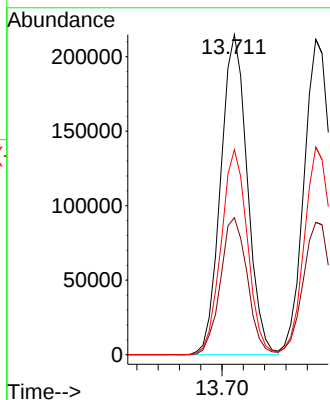
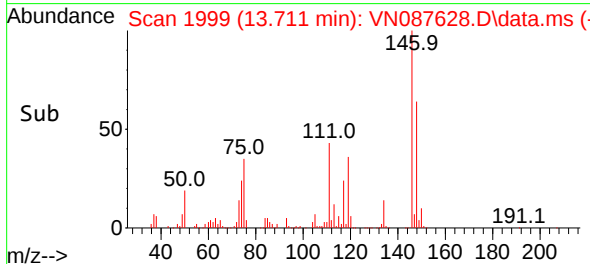
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



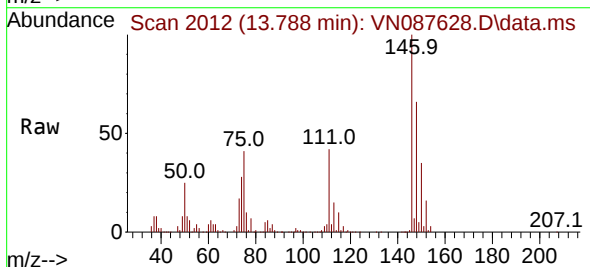
Tgt Ion:146 Resp: 372290
 Ion Ratio Lower Upper
 146 100
 111 43.2 22.1 66.5
 148 63.4 32.0 96.2

Manual Integrations
 APPROVED

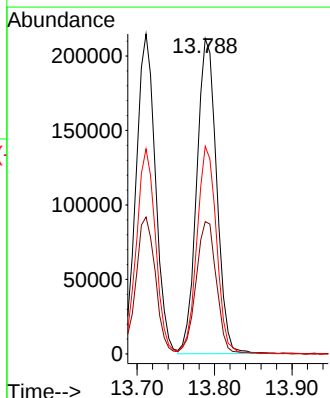
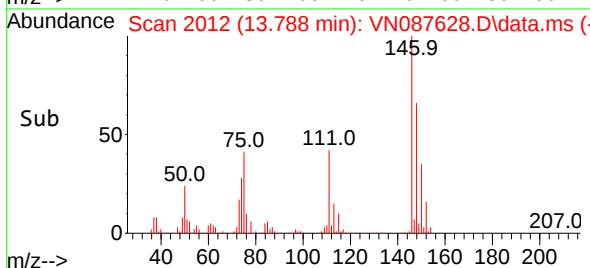
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

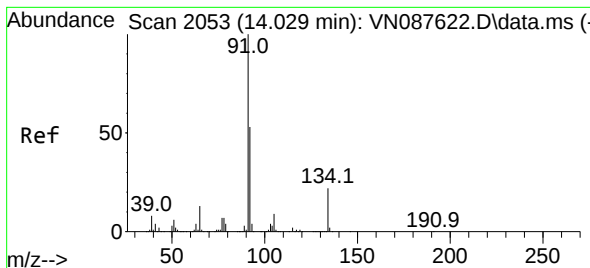


#88
 1,4-Dichlorobenzene
 Concen: 41.789 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087628.D
 Acq: 22 Aug 2025 09:16



Tgt Ion:146 Resp: 377265
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.0 63.0
 148 64.7 32.0 96.0





#89

n-Butylbenzene

Concen: 44.686 ug/l

RT: 14.035 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 71828

Ion Ratio Lower Upper

91 100

92 51.5 25.9 77.8

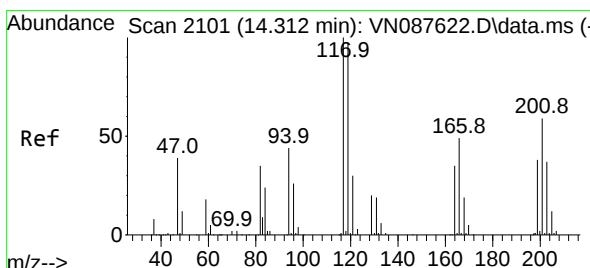
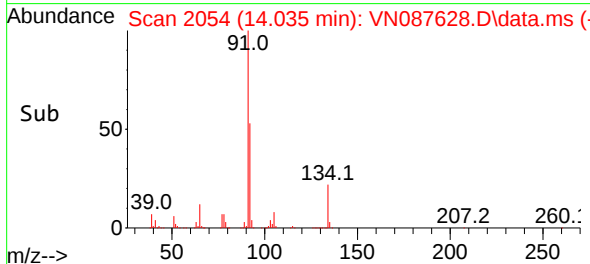
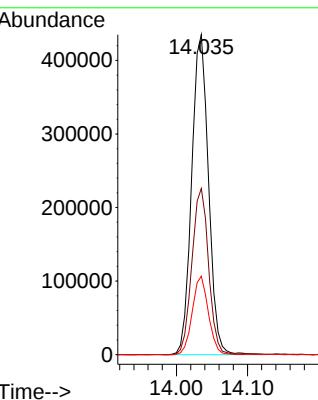
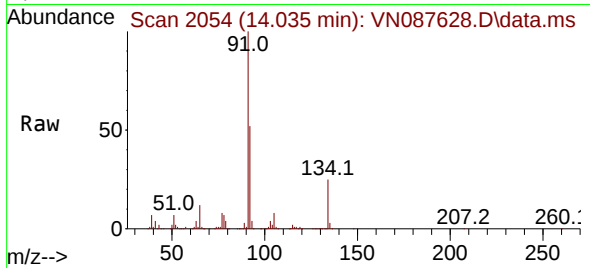
134 23.5 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#90

Hexachloroethane

Concen: 44.505 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087628.D

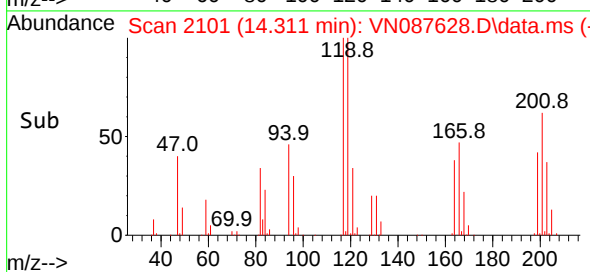
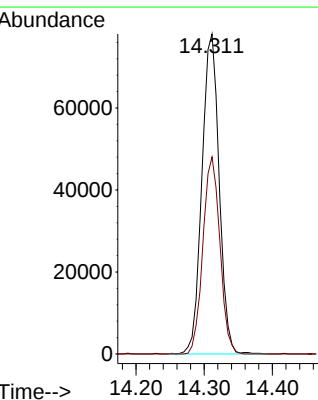
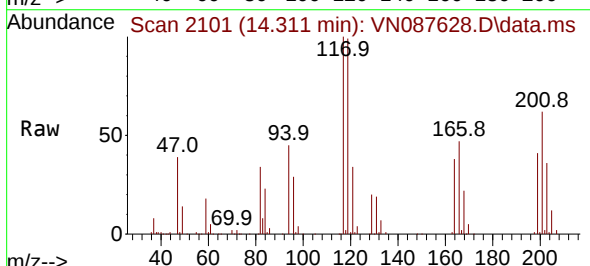
Acq: 22 Aug 2025 09:16

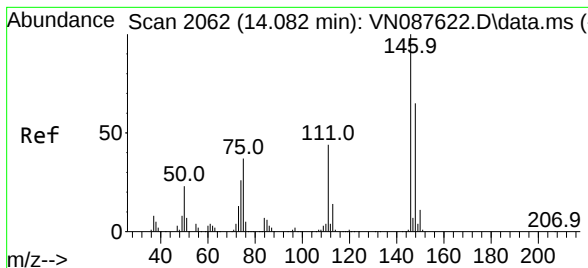
Tgt Ion:117 Resp: 137228

Ion Ratio Lower Upper

117 100

201 60.7 29.1 87.4





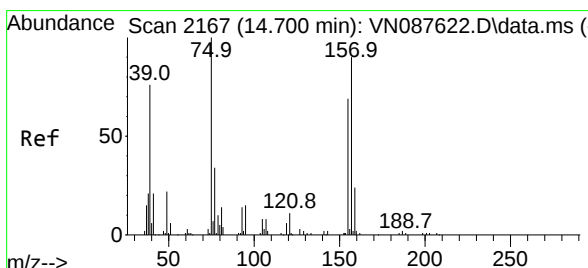
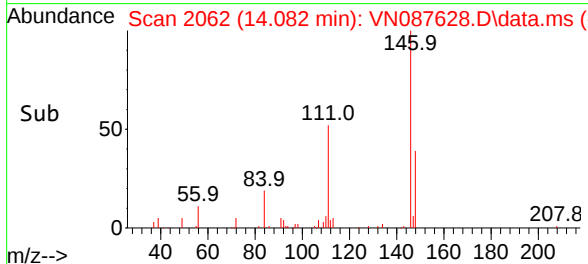
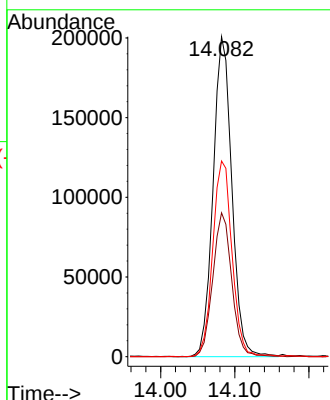
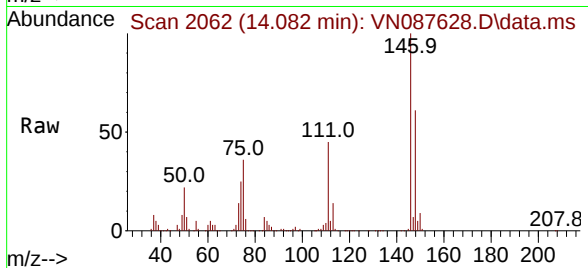
#91
 1,2-Dichlorobenzene
 Concen: 42.844 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN087628.D
 Acq: 22 Aug 2025 09:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 352610
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.6 67.8
 148 62.9 31.9 95.9

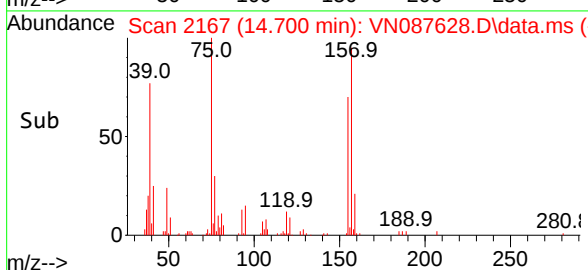
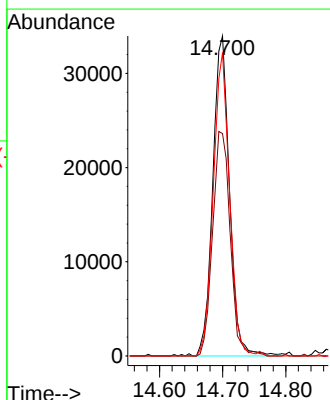
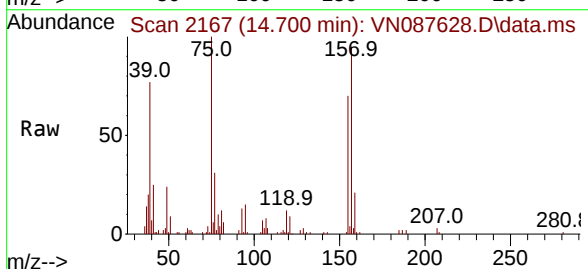
Manual Integrations
 APPROVED

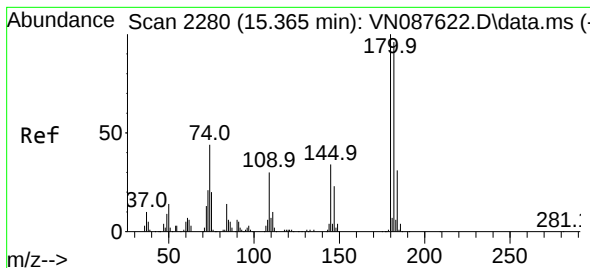
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.800 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VN087628.D
 Acq: 22 Aug 2025 09:16

Tgt Ion: 75 Resp: 62345
 Ion Ratio Lower Upper
 75 100
 155 73.9 36.6 109.9
 157 92.4 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 42.293 ug/l

RT: 15.370 min Scan# 2281

Delta R.T. 0.006 min

Lab File: VN087628.D

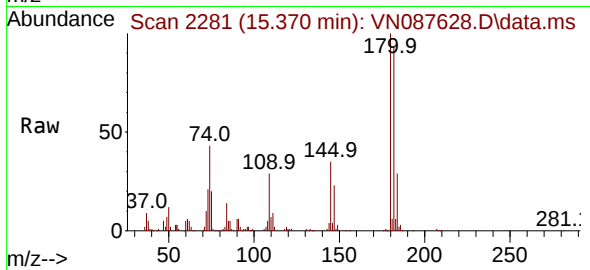
Acq: 22 Aug 2025 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 209019

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

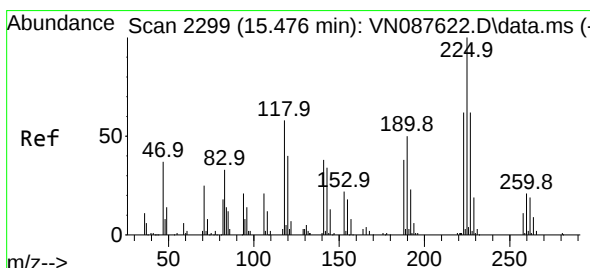
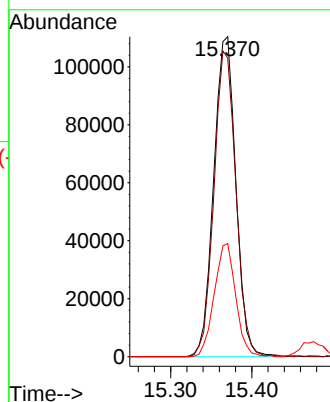
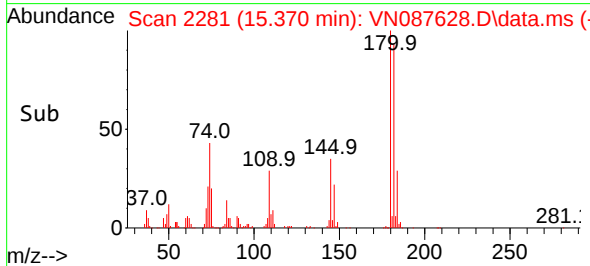
145 34.3 16.5 49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#94

Hexachlorobutadiene

Concen: 41.101 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN087628.D

Acq: 22 Aug 2025 09:16

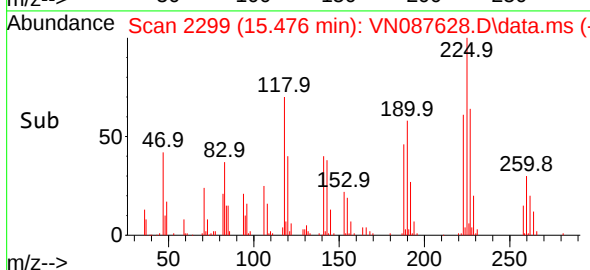
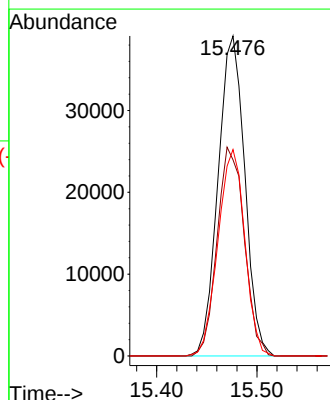
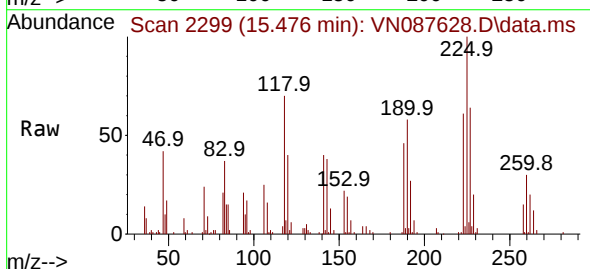
Tgt Ion:225 Resp: 72416

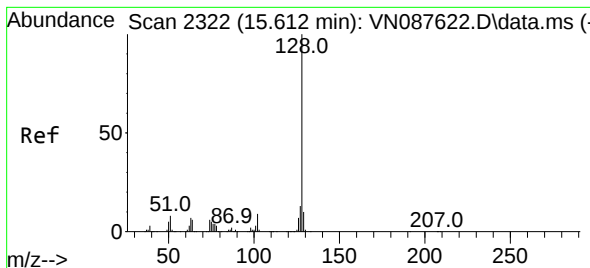
Ion Ratio Lower Upper

225 100

223 66.1 32.0 96.2

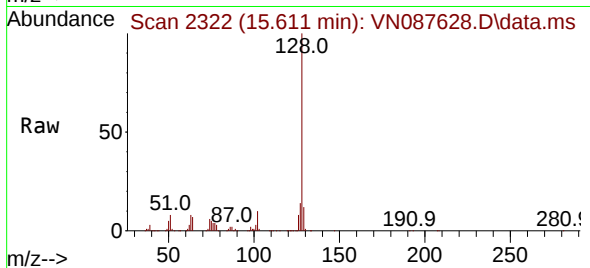
227 64.7 32.1 96.5





#95
Naphthalene
Concen: 42.629 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16

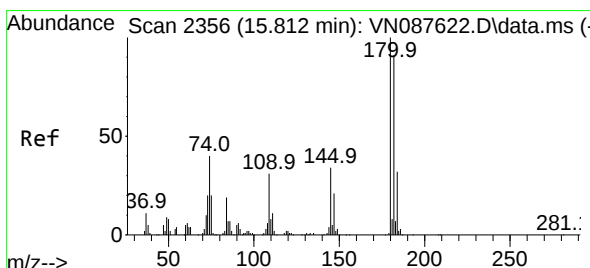
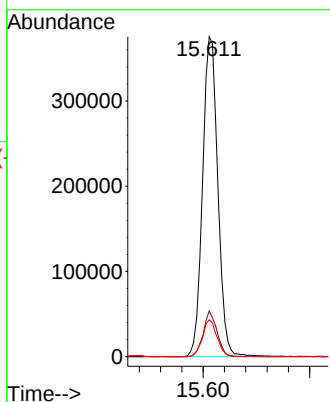
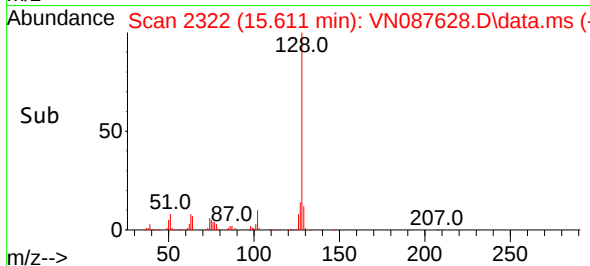
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



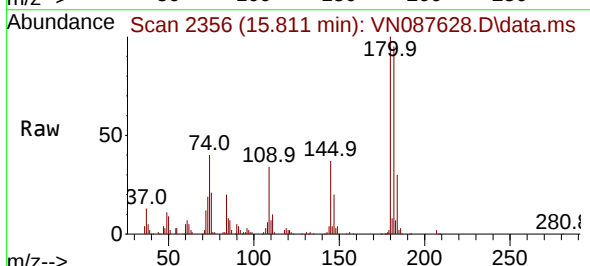
Tgt Ion:128 Resp: 746235
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.0 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#96
1,2,3-Trichlorobenzene
Concen: 41.855 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087628.D
Acq: 22 Aug 2025 09:16



Tgt Ion:180 Resp: 202223
Ion Ratio Lower Upper
180 100
182 94.9 46.8 140.3
145 36.3 17.3 52.0

