

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
 Data File : VN088173.D
 Acq On : 31 Oct 2025 09:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 01 00:25:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	300377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	578571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	509730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	249740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	296278	57.041	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.080%			
35) Dibromofluoromethane	8.147	113	201311	51.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.580%			
50) Toluene-d8	10.541	98	742755	49.594	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.180%			
62) 4-Bromofluorobenzene	12.829	95	278690	52.690	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.380%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	159506	47.076	ug/l	99
3) Chloromethane	2.383	50	194974	48.913	ug/l	98
4) Vinyl Chloride	2.536	62	213319	49.116	ug/l	99
5) Bromomethane	2.965	94	132462	50.990	ug/l	100
6) Chloroethane	3.136	64	144981	46.331	ug/l	100
7) Trichlorofluoromethane	3.512	101	314232	45.362	ug/l	96
8) Diethyl Ether	3.959	74	139359	54.129	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	167411	46.834	ug/l	98
10) Methyl Iodide	4.577	142	183501	51.882	ug/l	99
11) Tert butyl alcohol	5.524	59	263262	294.201	ug/l	100
12) 1,1-Dichloroethene	4.336	96	173362	45.919	ug/l	96
13) Acrolein	4.171	56	323043	320.945	ug/l	98
14) Allyl chloride	5.006	41	356784	53.916	ug/l	99
15) Acrylonitrile	5.706	53	711762	292.005	ug/l	99
16) Acetone	4.418	43	726656	278.469	ug/l	98
17) Carbon Disulfide	4.700	76	526861	45.907	ug/l	99
18) Methyl Acetate	5.018	43	319139	59.739	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	813525	58.675	ug/l	96
20) Methylene Chloride	5.265	84	231212	56.820	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	207951	50.180	ug/l	98
22) Diisopropyl ether	6.653	45	803453	57.733	ug/l	98
23) Vinyl Acetate	6.589	43	3734608	297.911	ug/l	99
24) 1,1-Dichloroethane	6.553	63	431014	55.910	ug/l	97
25) 2-Butanone	7.465	43	1015630	295.337	ug/l	99
26) 2,2-Dichloropropane	7.471	77	376472	53.739	ug/l	98
27) cis-1,2-Dichloroethene	7.465	96	258249	54.132	ug/l	94
28) Bromochloromethane	7.794	49	211578	58.085	ug/l	99
29) Tetrahydrofuran	7.818	42	639573	285.379	ug/l	99
30) Chloroform	7.947	83	429348	55.749	ug/l	99
31) Cyclohexane	8.241	56	337284	46.389	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	359682	52.437	ug/l	99
36) 1,1-Dichloropropene	8.347	75	285851	50.368	ug/l	99
37) Ethyl Acetate	7.541	43	408033	55.713	ug/l	97
38) Carbon Tetrachloride	8.341	117	299517	51.098	ug/l	96
39) Methylcyclohexane	9.583	83	301570	41.340	ug/l	98
40) Benzene	8.588	78	906694	52.459	ug/l	99

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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	220061	57.090	ug/l	98
42) 1,2-Dichloroethane	8.647	62	363916	59.258	ug/l	99
43) Isopropyl Acetate	8.671	43	644979	57.311	ug/l	98
44) Trichloroethene	9.330	130	205838	50.951	ug/l	97
45) 1,2-Dichloropropane	9.600	63	235055	53.869	ug/l	99
46) Dibromomethane	9.688	93	175678	56.451	ug/l	99
47) Bromodichloromethane	9.865	83	352591	56.590	ug/l	97
48) Methyl methacrylate	9.659	41	312301	60.107	ug/l	99
49) 1,4-Dioxane	9.683	88	87007	1346.410	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	1946537	292.374	ug/l	100
52) Toluene	10.606	92	568245	53.325	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	394212	59.446	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	402794	57.241	ug/l	95
55) 1,1,2-Trichloroethane	10.994	97	216688	53.598	ug/l	99
56) Ethyl methacrylate	10.853	69	385456	60.248	ug/l	98
57) 1,3-Dichloropropane	11.141	76	396245	55.761	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	1103120	331.478	ug/l	99
59) 2-Hexanone	11.177	43	1376141	311.587	ug/l	100
60) Dibromochloromethane	11.335	129	256080	55.728	ug/l	100
61) 1,2-Dibromoethane	11.447	107	228660	54.956	ug/l	100
64) Tetrachloroethene	11.082	164	163233	48.549	ug/l	97
65) Chlorobenzene	11.871	112	605006	52.271	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	209817	55.331	ug/l	99
67) Ethyl Benzene	11.941	91	1082976	53.305	ug/l	99
68) m/p-Xylenes	12.047	106	802615	105.437	ug/l	98
69) o-Xylene	12.376	106	392520	54.394	ug/l	98
70) Styrene	12.388	104	674014	57.279	ug/l	97
71) Bromoform	12.559	173	162591	57.455	ug/l #	98
73) Isopropylbenzene	12.671	105	995181	51.666	ug/l	100
74) N-amyl acetate	12.500	43	274064m	50.122	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	325289	54.244	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	279846m	49.011	ug/l	
77) Bromobenzene	12.959	156	233574	56.234	ug/l	97
78) n-propylbenzene	13.012	91	1205322	51.277	ug/l	99
79) 2-Chlorotoluene	13.100	91	758918	56.614	ug/l	96
80) 1,3,5-Trimethylbenzene	13.147	105	836803	52.310	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	115543	56.448	ug/l	88
82) 4-Chlorotoluene	13.200	91	775166	53.449	ug/l	99
83) tert-Butylbenzene	13.418	119	706275	49.424	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	855374	53.443	ug/l	100
85) sec-Butylbenzene	13.594	105	973068	46.347	ug/l	99
86) p-Isopropyltoluene	13.706	119	817622	48.545	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	443090	53.437	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	456997	51.315	ug/l	98
89) n-Butylbenzene	14.035	91	757528	45.407	ug/l	99
90) Hexachloroethane	14.306	117	151364	46.408	ug/l	93
91) 1,2-Dichlorobenzene	14.082	146	422989	52.921	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	81875	58.659	ug/l	95
93) 1,2,4-Trichlorobenzene	15.365	180	238065	49.180	ug/l	99
94) Hexachlorobutadiene	15.476	225	74537	41.349	ug/l	96
95) Naphthalene	15.612	128	892539	53.823	ug/l	100
96) 1,2,3-Trichlorobenzene	15.812	180	226425	48.784	ug/l	98

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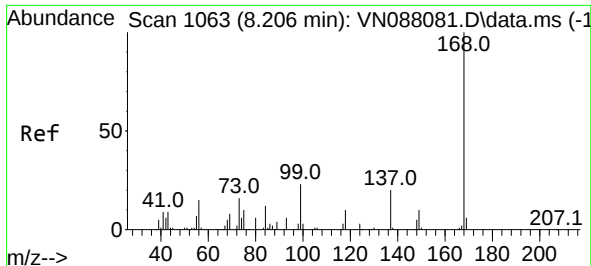
Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 11/03/2025

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

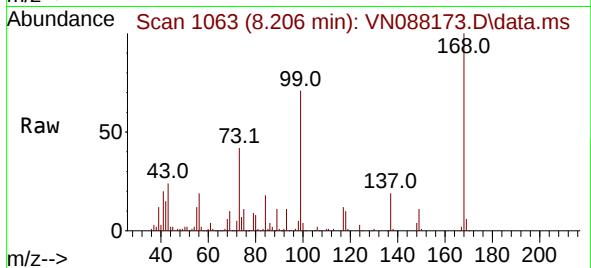
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088173.D
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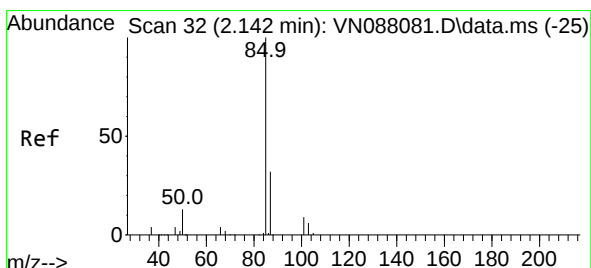
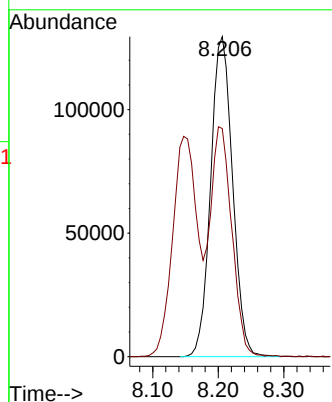
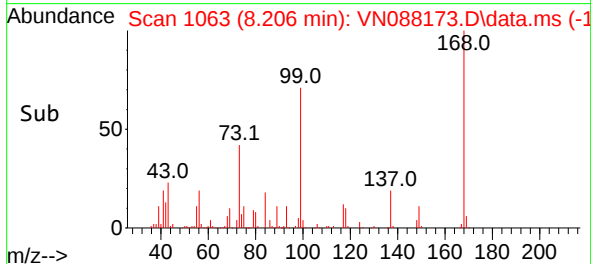
Instrument :
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ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 30037
Ion Ratio Lower Upper
168 100
99 71.1 57.2 85.8

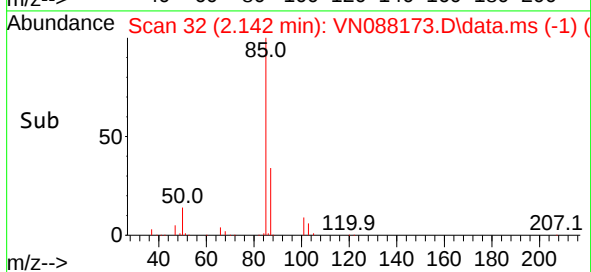
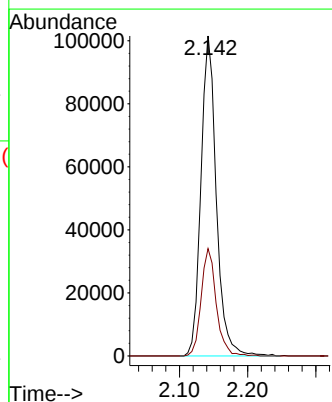
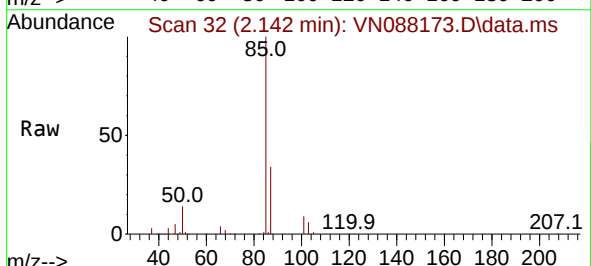
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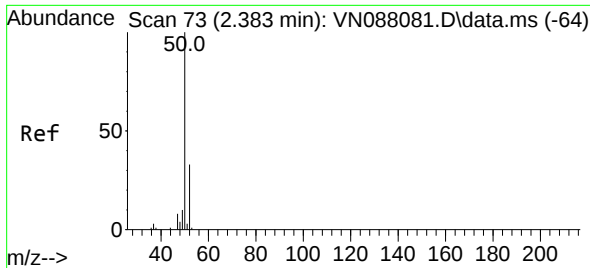
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#2
Dichlorodifluoromethane
Concen: 47.076 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

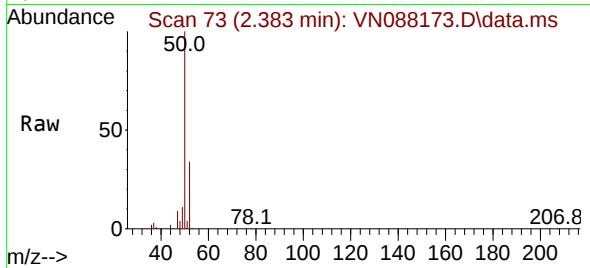
Tgt Ion: 85 Resp: 159506
Ion Ratio Lower Upper
85 100
87 33.6 16.6 49.8





#3
Chloromethane
Concen: 48.913 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

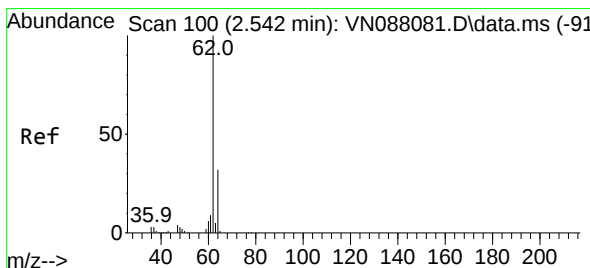
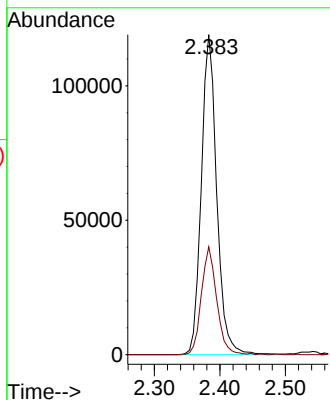
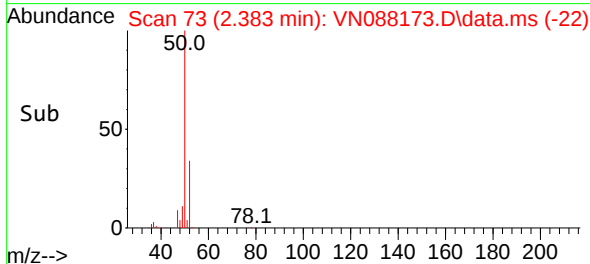
Instrument :
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Tgt Ion: 50 Resp: 194974
Ion Ratio Lower Upper
50 100
52 33.7 26.2 39.4

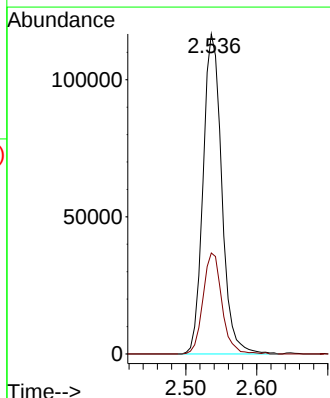
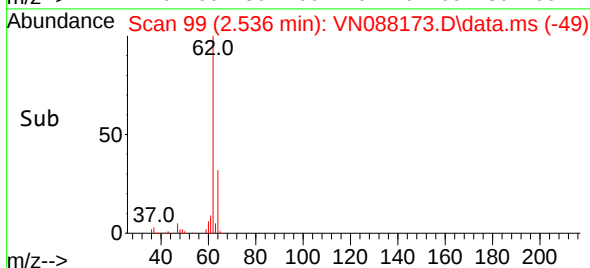
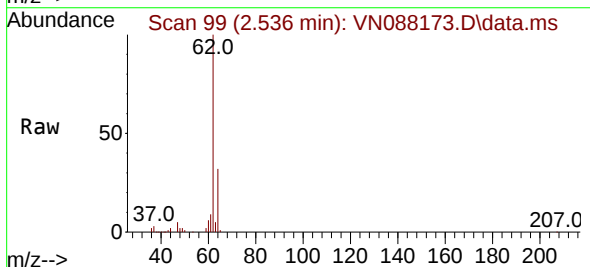
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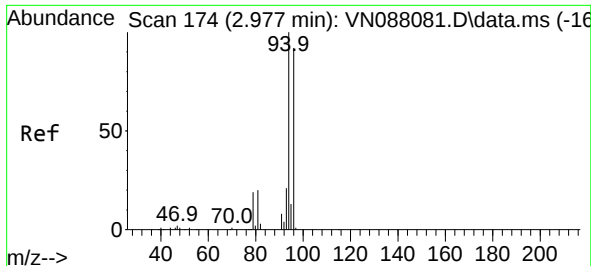
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#4
Vinyl Chloride
Concen: 49.116 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

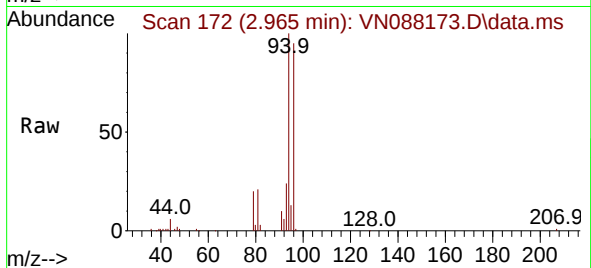
Tgt Ion: 62 Resp: 213319
Ion Ratio Lower Upper
62 100
64 31.5 24.6 37.0





#5
Bromomethane
Concen: 50.990 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

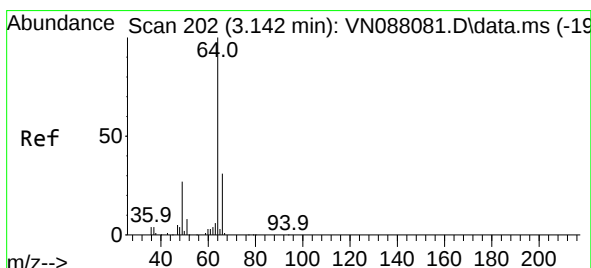
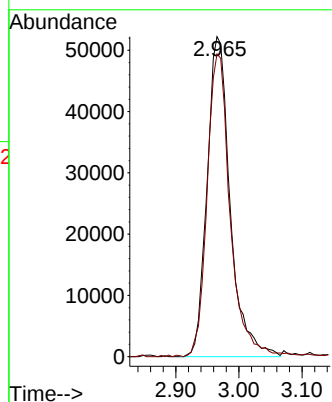
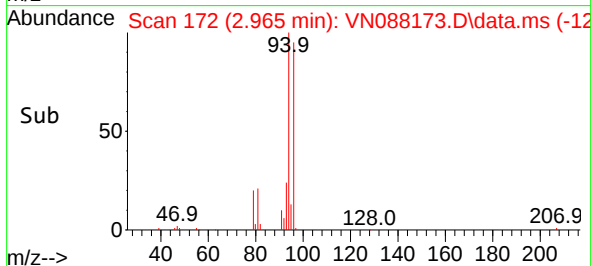
Instrument :
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Tgt Ion: 94 Resp: 132462
Ion Ratio Lower Upper
94 100
96 94.3 75.4 113.2

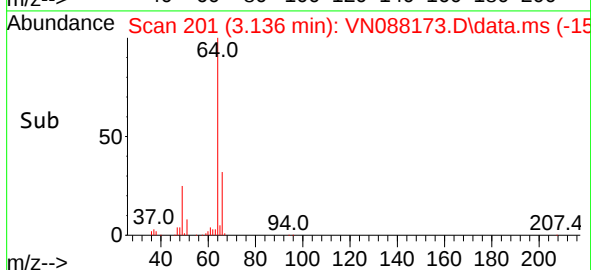
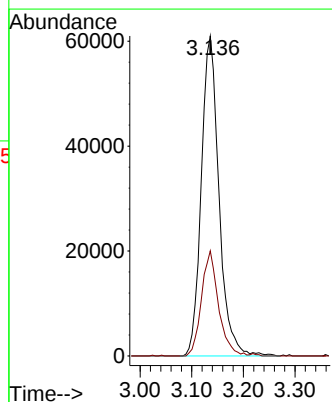
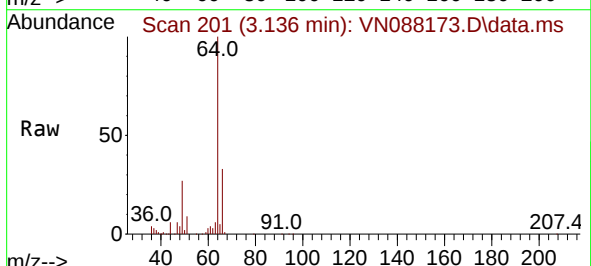
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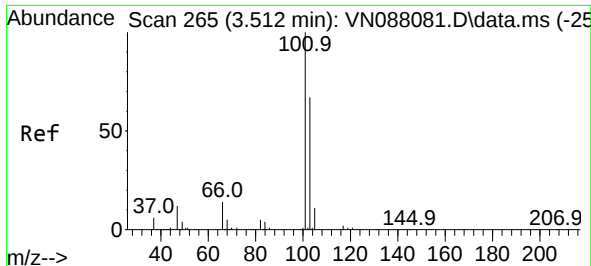
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#6
Chloroethane
Concen: 46.331 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

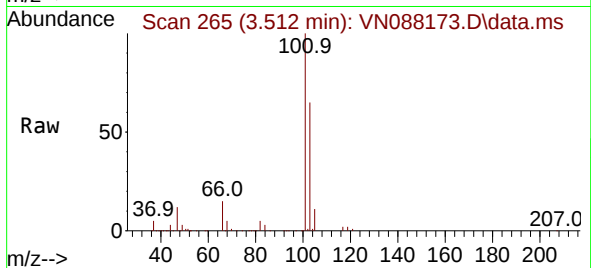
Tgt Ion: 64 Resp: 144981
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 45.362 ug/l
 RT: 3.512 min Scan# 265
 Delta R.T. 0.000 min
 Lab File: VN088173.D
 Acq: 31 Oct 2025 09:18

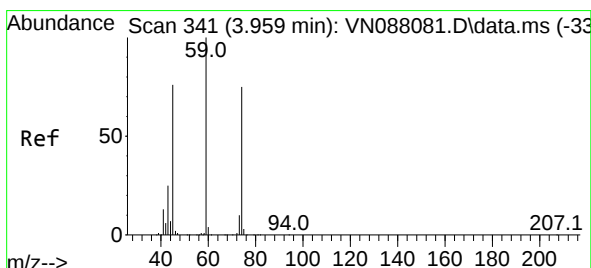
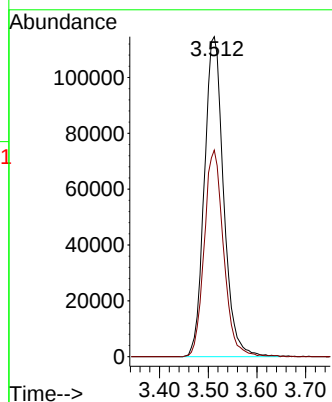
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 MSVOA_N
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 VSTDCCC050



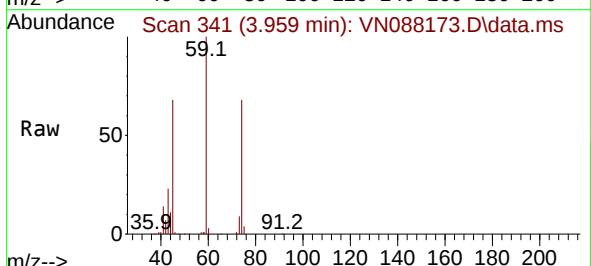
Tgt Ion: 101 Resp: 31423
 Ion Ratio Lower Upper
 101 100
 103 64.6 49.4 74.0

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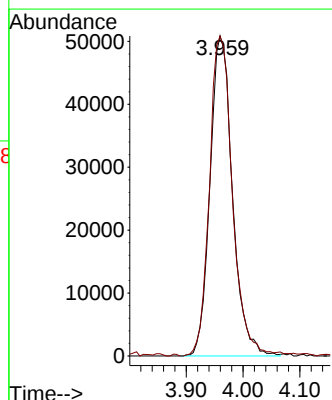
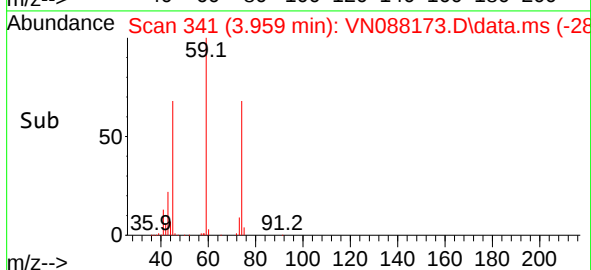
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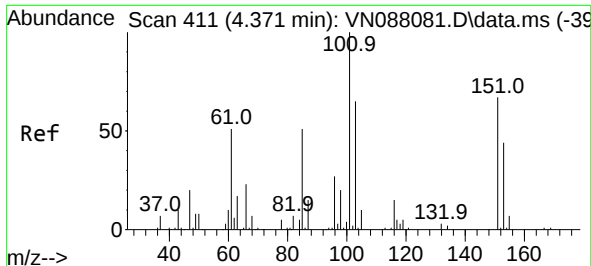


#8
 Diethyl Ether
 Concen: 54.129 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN088173.D
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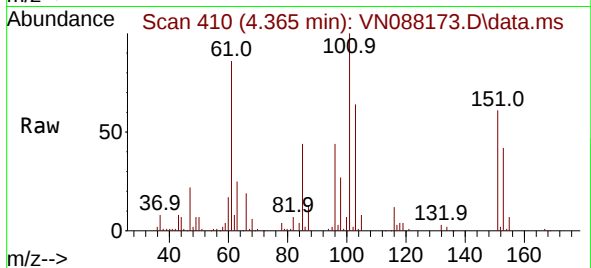
Tgt Ion: 74 Resp: 139359
 Ion Ratio Lower Upper
 74 100
 45 102.6 50.6 151.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.834 ug/l
RT: 4.365 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN088173.D
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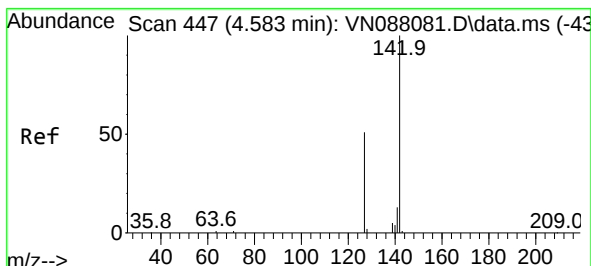
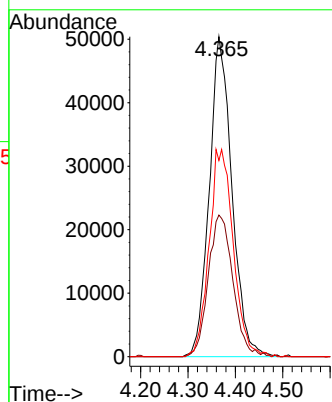
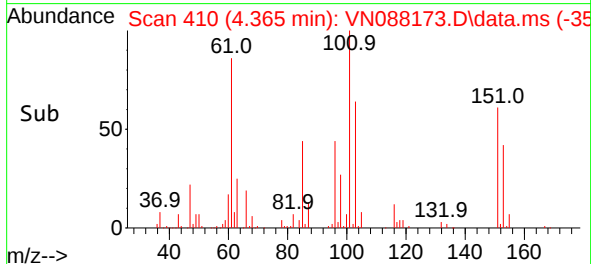
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ClientSampleId :
VSTDCCC050



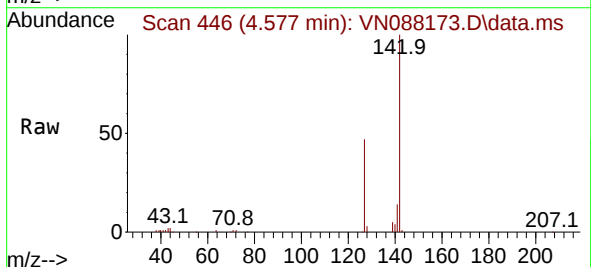
Tgt Ion:101 Resp: 16741
Ion Ratio Lower Upper
101 100
85 48.1 36.6 55.0
151 69.1 54.7 82.1

Manual Integrations
APPROVED

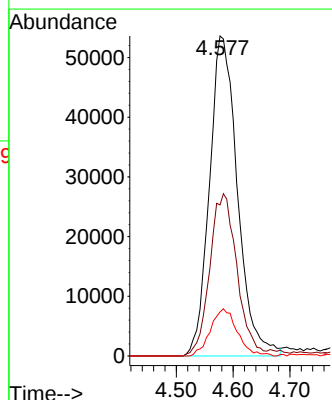
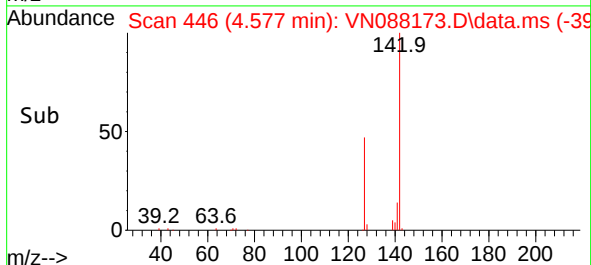
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

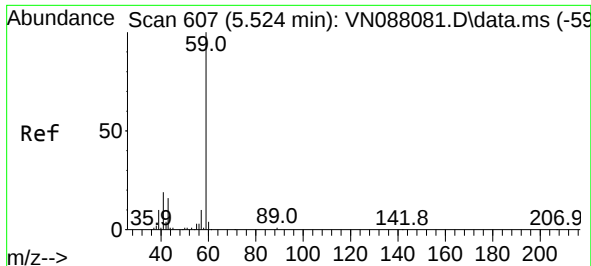


#10
Methyl Iodide
Concen: 51.882 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18



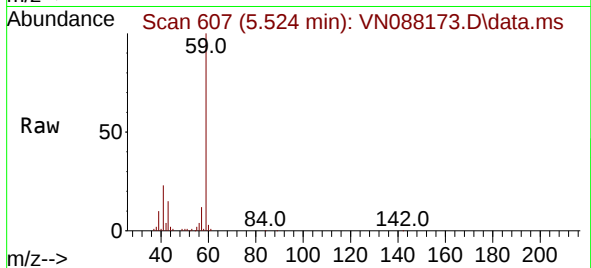
Tgt Ion:142 Resp: 183501
Ion Ratio Lower Upper
142 100
127 47.2 38.0 57.0
141 13.7 12.0 18.0





#11
Tert butyl alcohol
Concen: 294.201 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

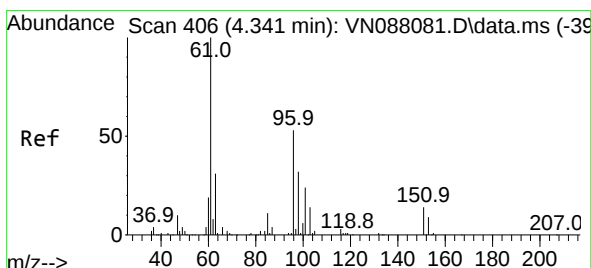
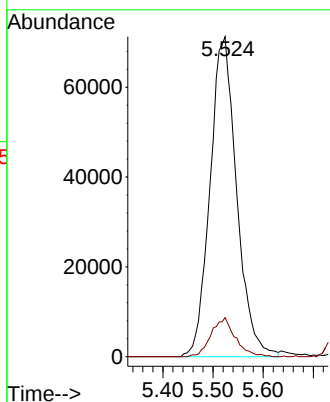
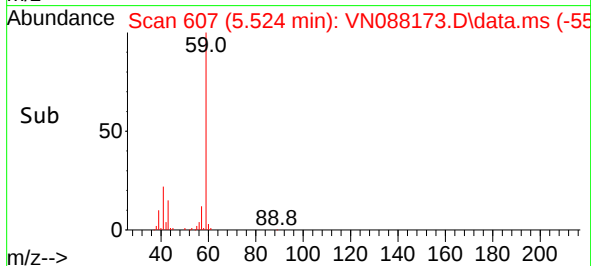
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



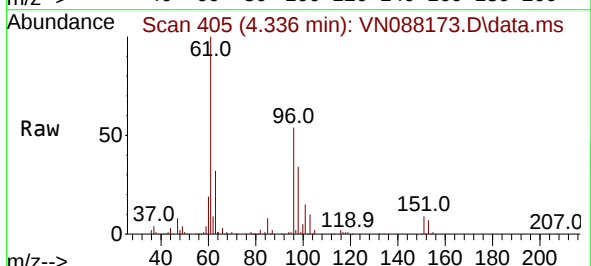
Tgt Ion: 59 Resp: 263262
Ion Ratio Lower Upper
59 100
57 11.1 9.0 13.4

Manual Integrations
APPROVED

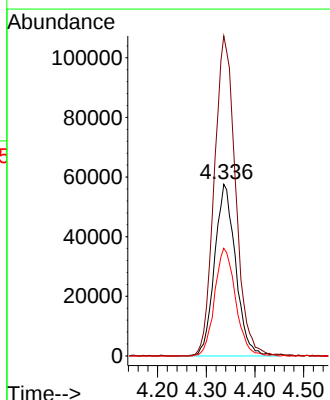
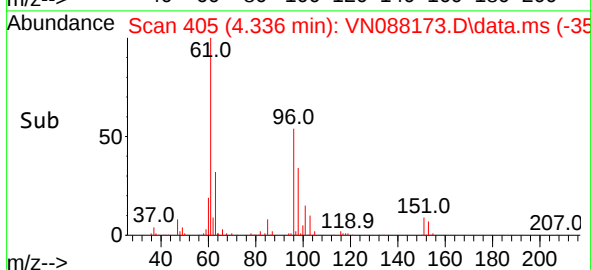
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

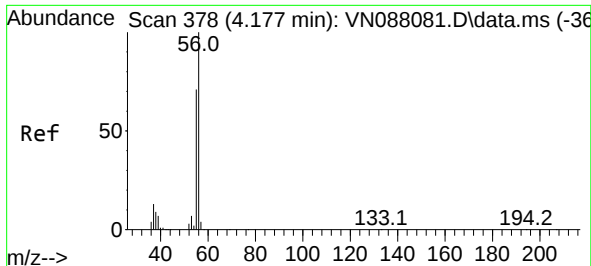


#12
1,1-Dichloroethene
Concen: 45.919 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18



Tgt Ion: 96 Resp: 173362
Ion Ratio Lower Upper
96 100
61 186.3 143.8 215.8
98 62.7 52.1 78.1





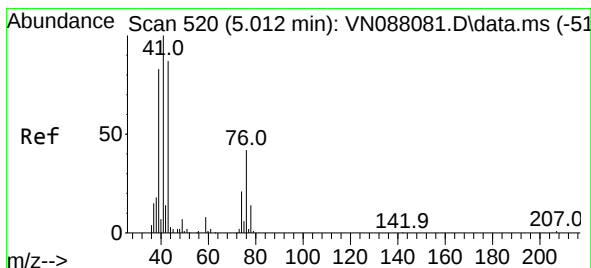
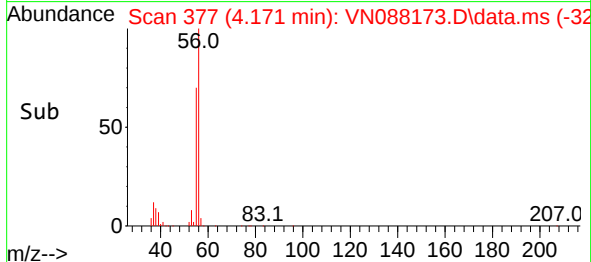
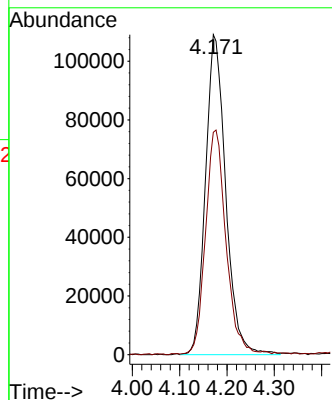
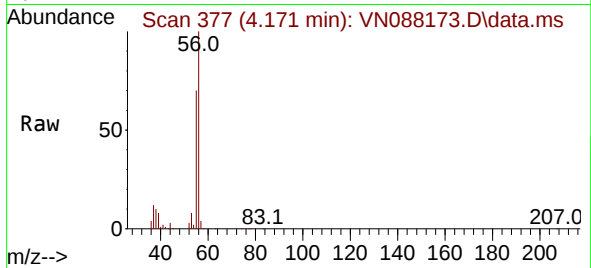
#13
Acrolein
Concen: 320.945 ug/l
RT: 4.171 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 32304
Ion Ratio Lower Upper
56 100
55 70.3 57.3 85.9

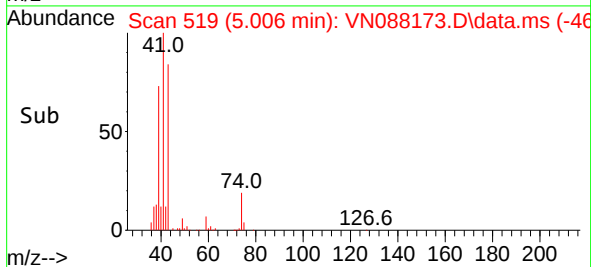
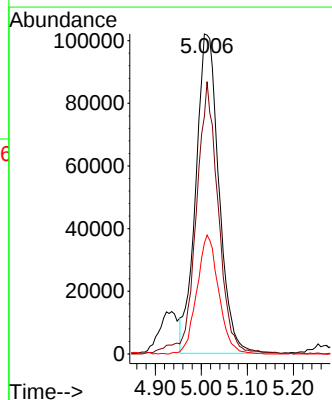
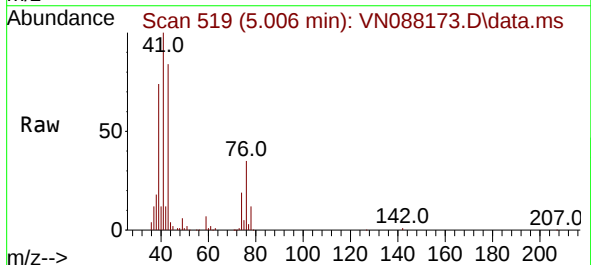
Manual Integrations
APPROVED

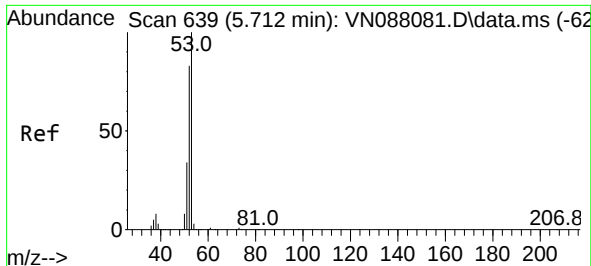
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#14
Allyl chloride
Concen: 53.916 ug/l
RT: 5.006 min Scan# 519
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

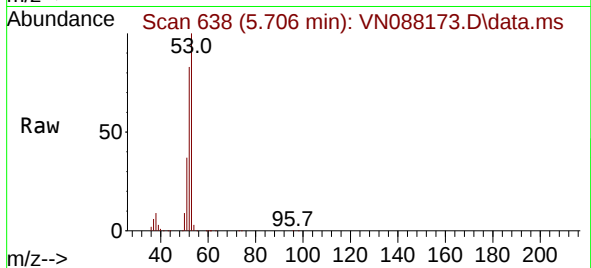
Tgt Ion: 41 Resp: 356784
Ion Ratio Lower Upper
41 100
39 81.0 63.9 95.9
76 35.1 28.1 42.1





#15
Acrylonitrile
Concen: 292.005 ug/l
RT: 5.706 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

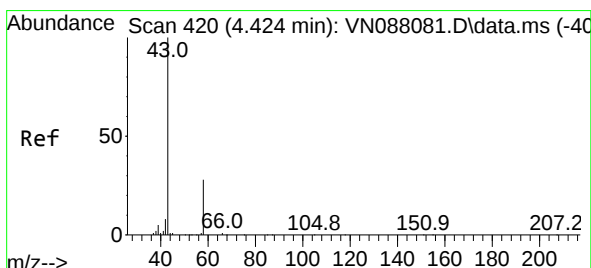
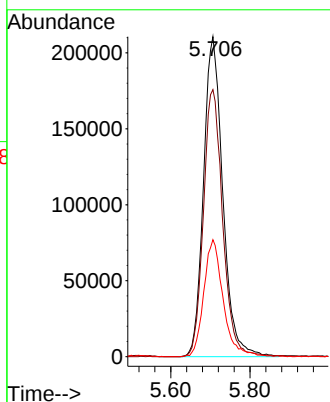
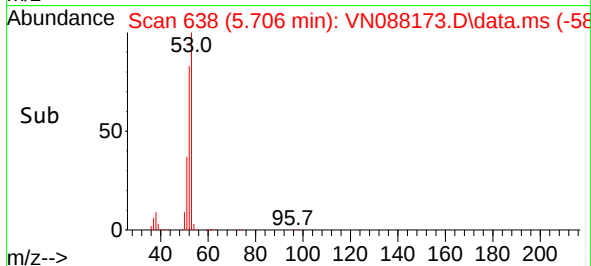
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 711762
Ion Ratio Lower Upper
53 100
52 83.3 67.6 101.4
51 36.8 30.1 45.1

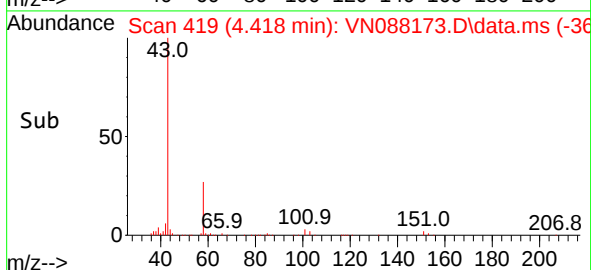
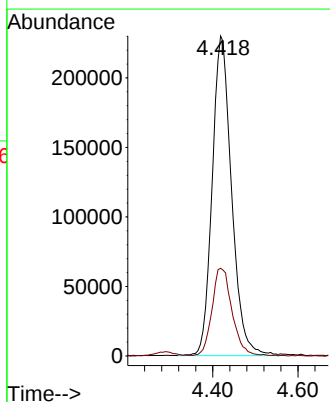
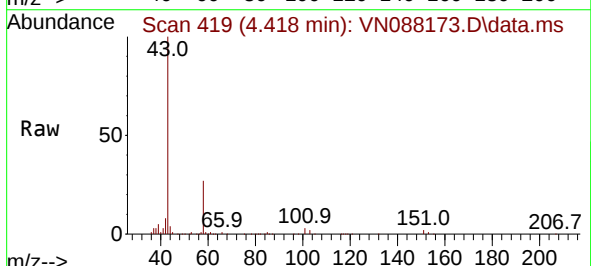
Manual Integrations
APPROVED

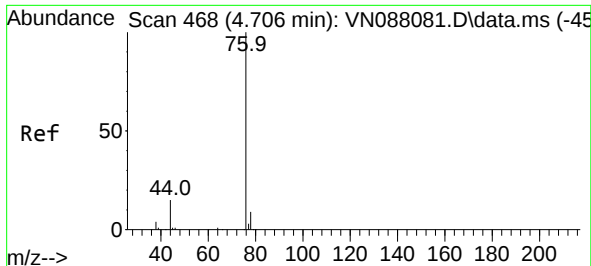
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#16
Acetone
Concen: 278.469 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

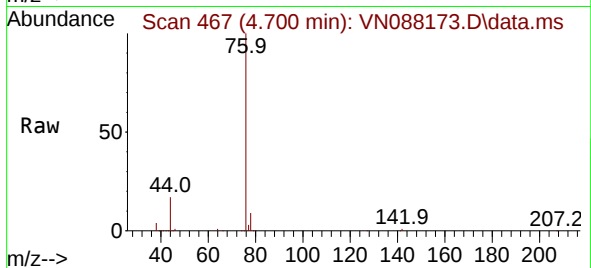
Tgt Ion: 43 Resp: 726656
Ion Ratio Lower Upper
43 100
58 27.3 22.6 33.8





#17
Carbon Disulfide
Concen: 45.907 ug/l
RT: 4.700 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

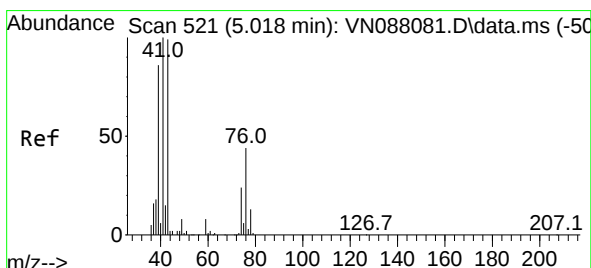
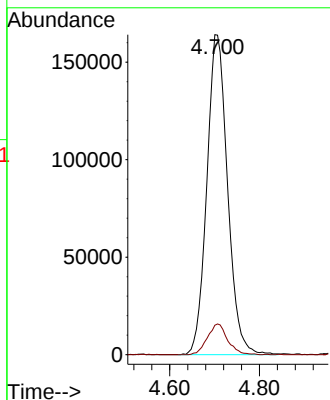
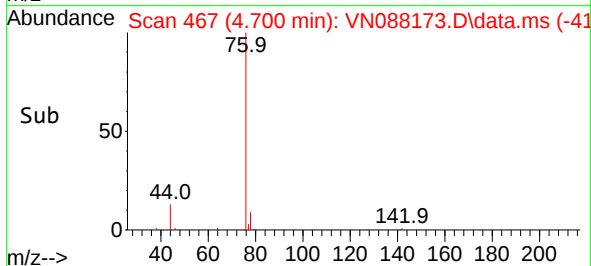
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 52686
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4

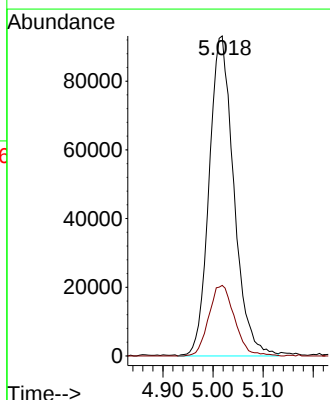
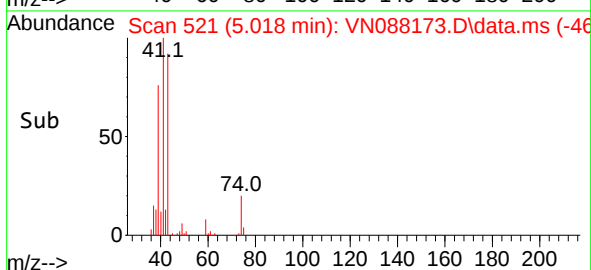
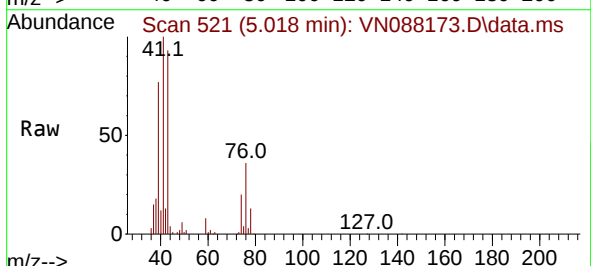
Manual Integrations
APPROVED

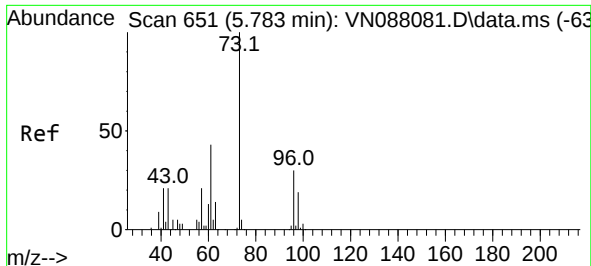
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#18
Methyl Acetate
Concen: 59.739 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 43 Resp: 319139
Ion Ratio Lower Upper
43 100
74 23.0 17.6 26.4





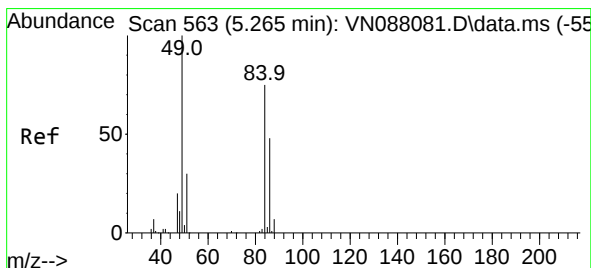
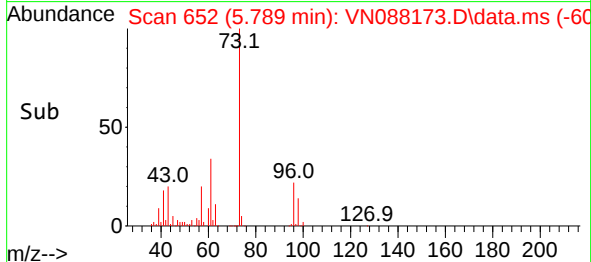
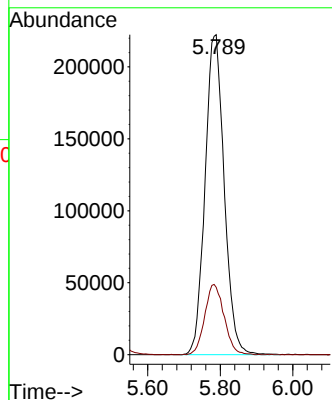
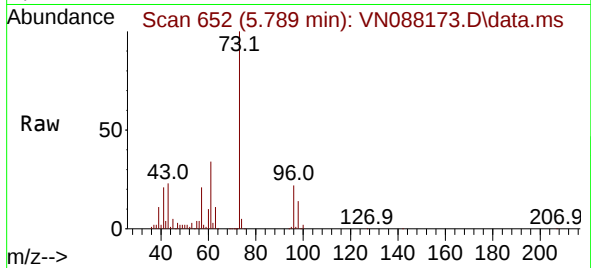
#19
Methyl tert-butyl Ether
Concen: 58.675 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 81352
Ion Ratio Lower Upper
73 100
57 21.1 18.4 27.6

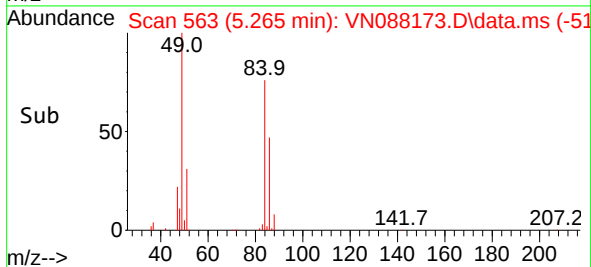
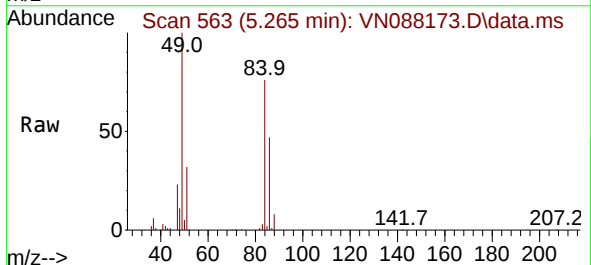
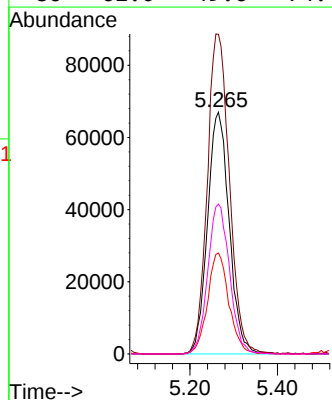
Manual Integrations
APPROVED

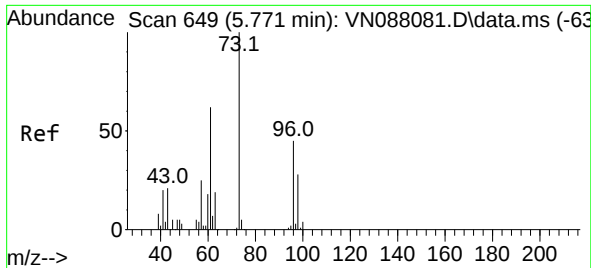
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#20
Methylene Chloride
Concen: 56.820 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

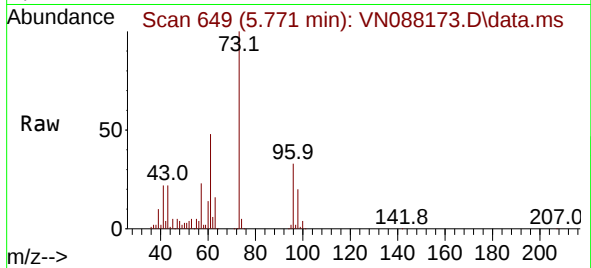
Tgt Ion: 84 Resp: 231212
Ion Ratio Lower Upper
84 100
49 132.2 103.4 155.2
51 41.8 33.8 50.8
86 62.0 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 50.180 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

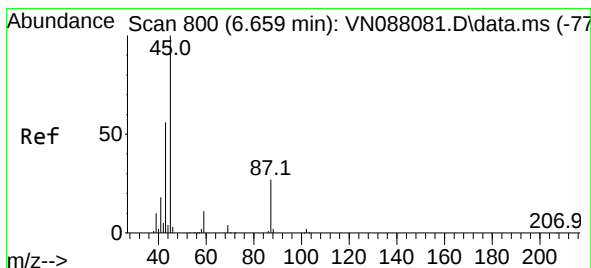
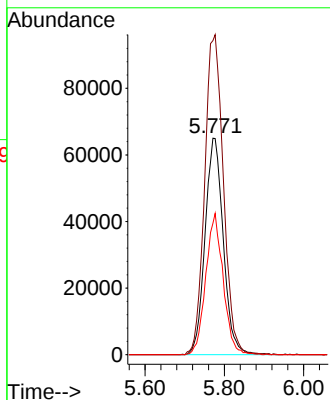
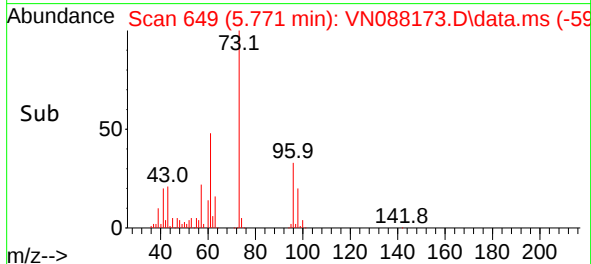
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



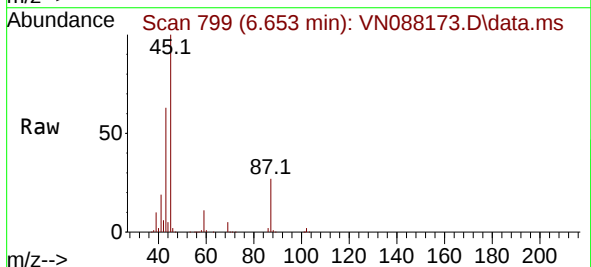
Tgt Ion: 96 Resp: 20795
Ion Ratio Lower Upper
96 100
61 145.1 118.0 177.0
98 60.7 50.0 75.0

Manual Integrations
APPROVED

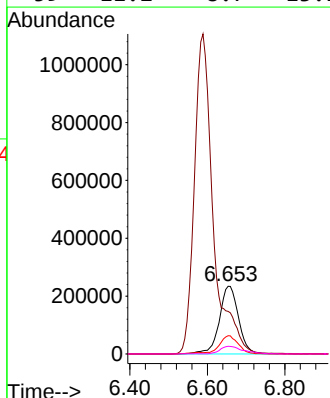
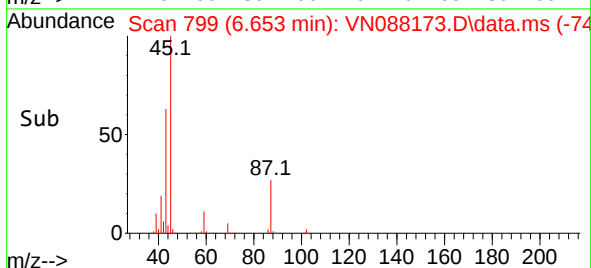
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

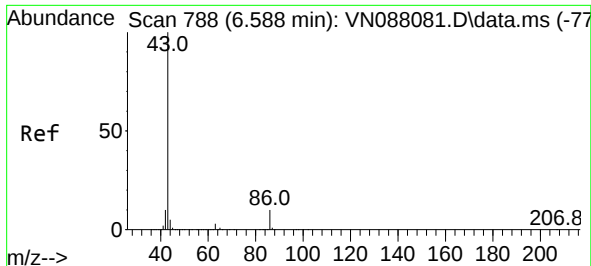


#22
Diisopropyl ether
Concen: 57.733 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18



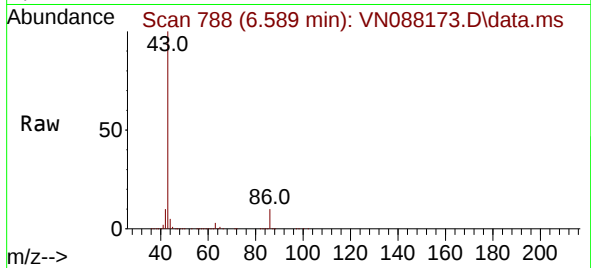
Tgt Ion: 45 Resp: 803453
Ion Ratio Lower Upper
45 100
43 61.9 47.7 71.5
87 26.9 21.4 32.0
59 11.2 8.7 13.1





#23
 Vinyl Acetate
 Concen: 297.911 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: VN088173.D
 Acq: 31 Oct 2025 09:18

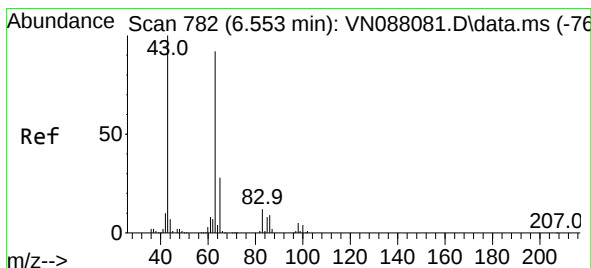
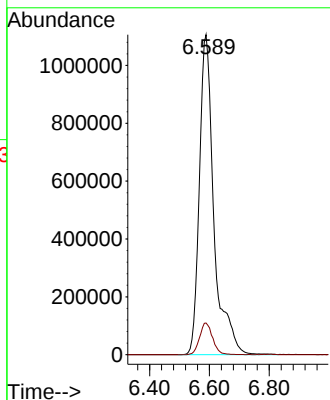
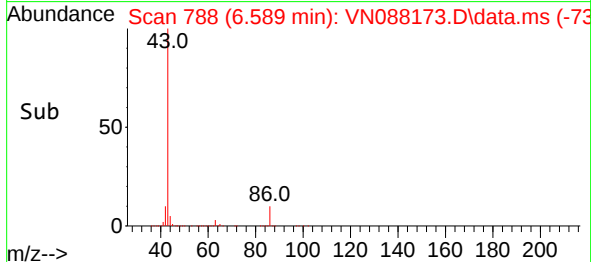
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



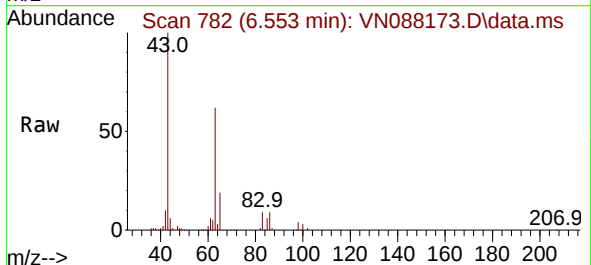
Tgt Ion: 43 Resp: 3734608
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.4

Manual Integrations
 APPROVED

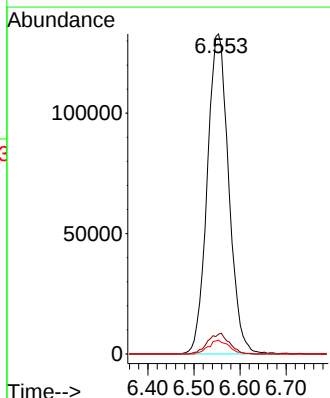
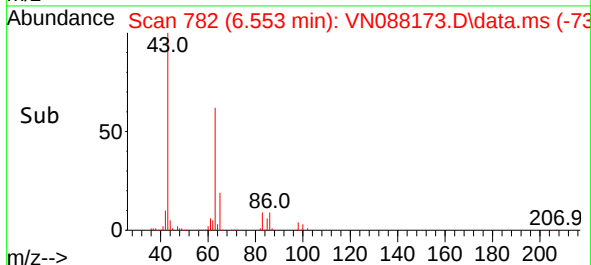
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025



#24
 1,1-Dichloroethane
 Concen: 55.910 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088173.D
 Acq: 31 Oct 2025 09:18



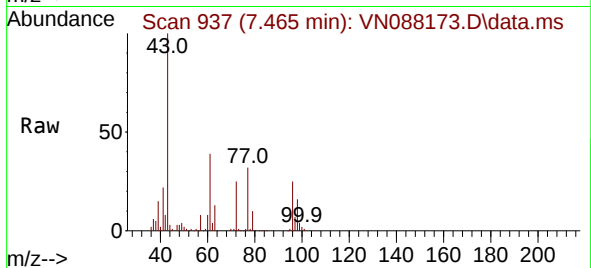
Tgt Ion: 63 Resp: 431014
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.8 11.4
 100 4.4 2.0 6.0





#25
2-Butanone
Concen: 295.337 ug/l
RT: 7.465 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

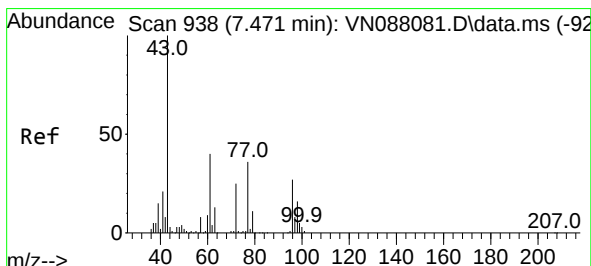
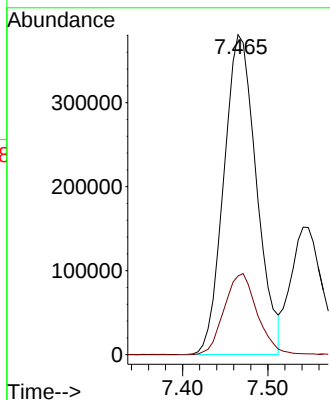
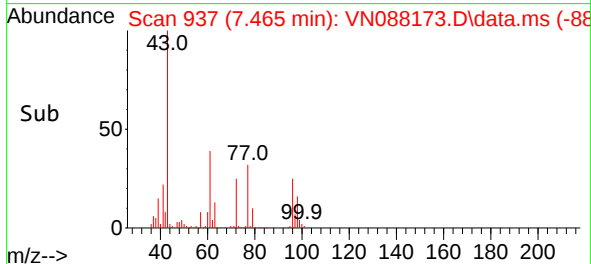
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1015630
Ion Ratio Lower Upper
43 100
72 24.6 19.9 29.9

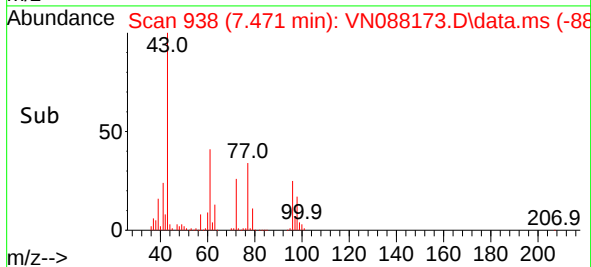
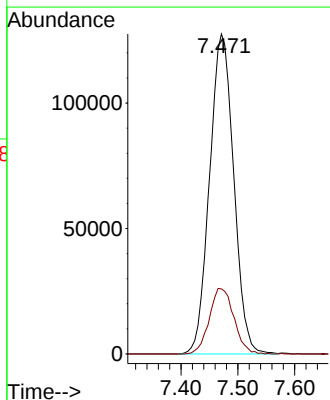
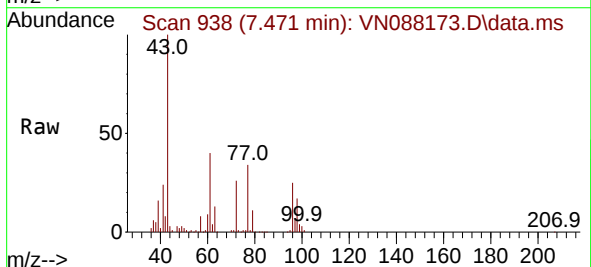
Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#26
2,2-Dichloropropane
Concen: 53.739 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

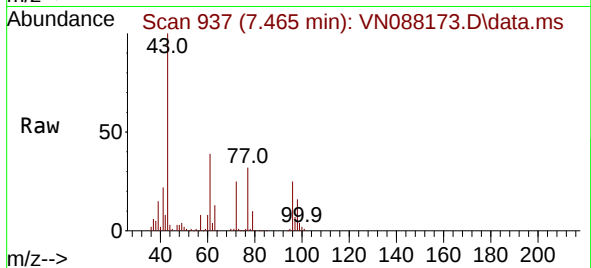
Tgt Ion: 77 Resp: 376472
Ion Ratio Lower Upper
77 100
97 20.8 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 54.132 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN088173.D
 Acq: 31 Oct 2025 09:18

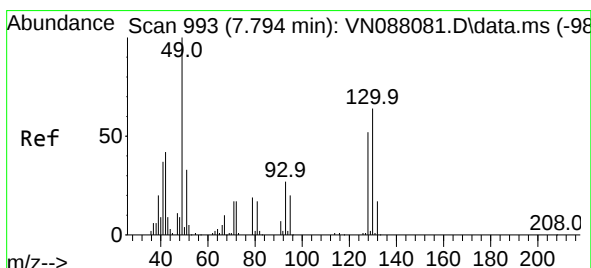
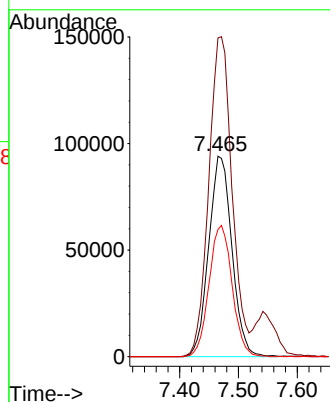
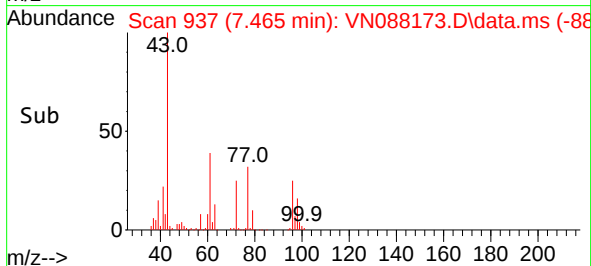
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 258249
 Ion Ratio Lower Upper
 96 100
 61 159.8 0.0 301.8
 98 65.1 0.0 126.2

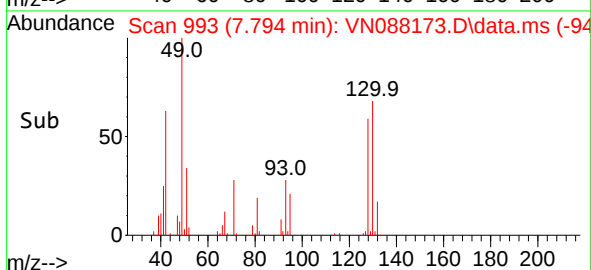
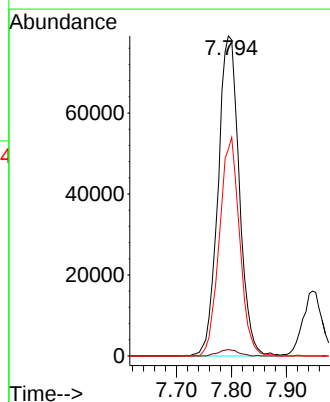
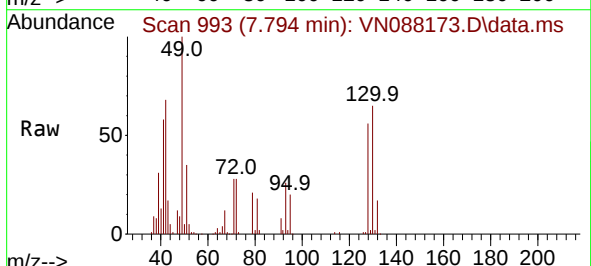
Manual Integrations
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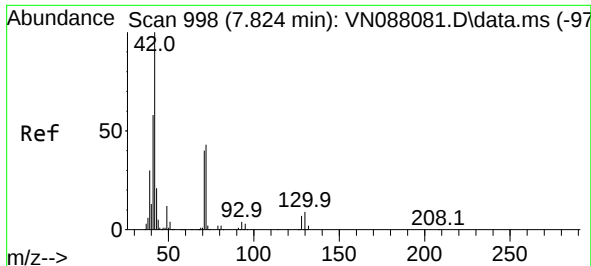
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025



#28
 Bromochloromethane
 Concen: 58.085 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088173.D
 Acq: 31 Oct 2025 09:18

Tgt Ion: 49 Resp: 211578
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.0
 130 65.2 53.1 79.7





#29

Tetrahydrofuran

Concen: 285.379 ug/l

RT: 7.818 min Scan# 998

Delta R.T. -0.006 min

Lab File: VN088173.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 63957

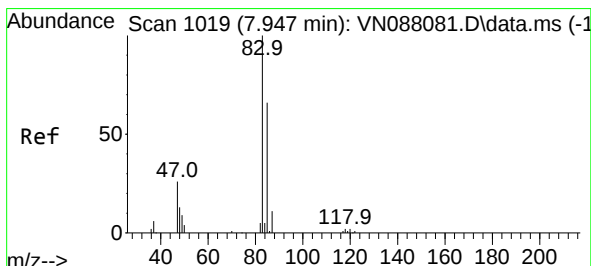
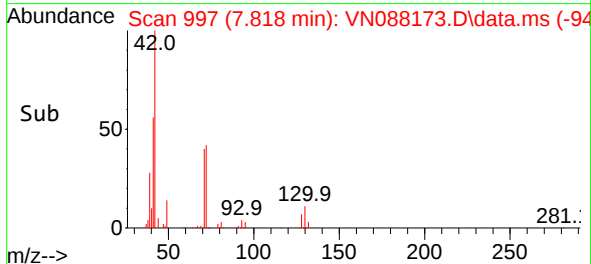
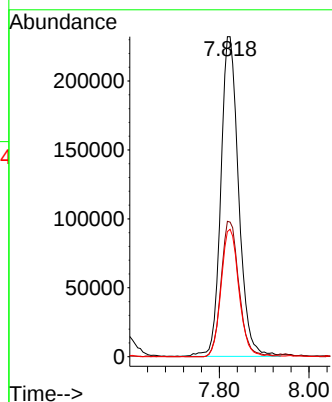
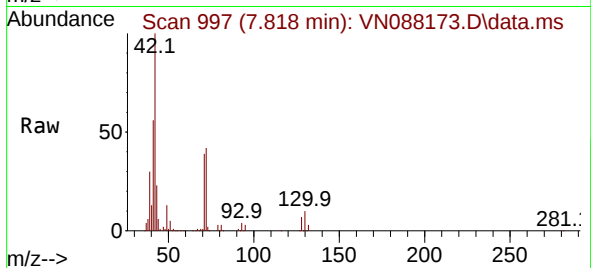
Ion	Ratio	Lower	Upper
42	100		
72	42.7	33.7	50.5
71	39.8	31.9	47.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#30

Chloroform

Concen: 55.749 ug/l

RT: 7.947 min Scan# 1019

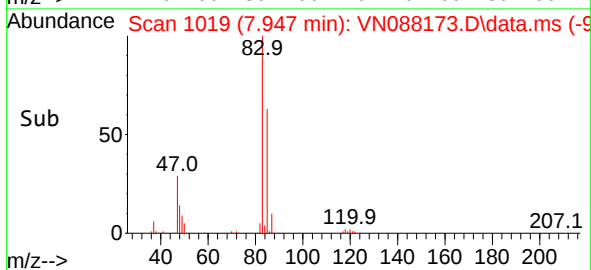
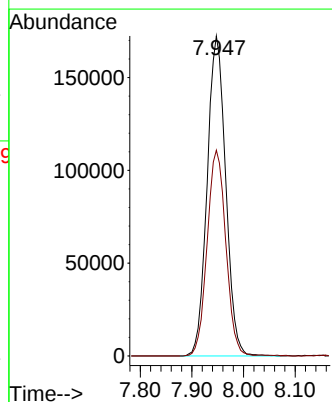
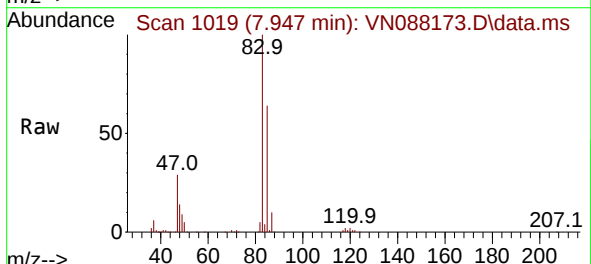
Delta R.T. 0.000 min

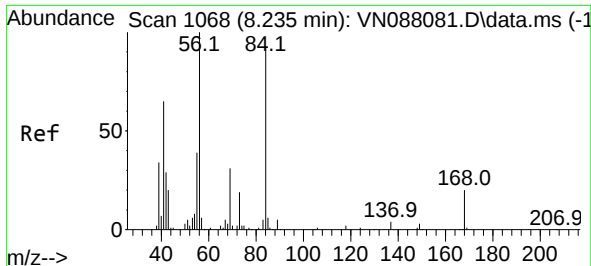
Lab File: VN088173.D

Acq: 31 Oct 2025 09:18

Tgt Ion: 83 Resp: 429348

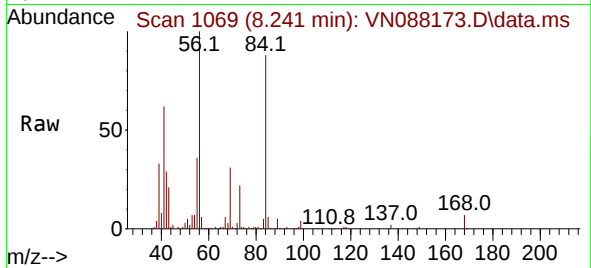
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.7	76.1





#31
Cyclohexane
Concen: 46.389 ug/l
RT: 8.241 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

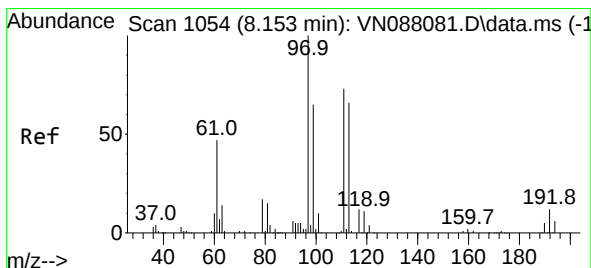
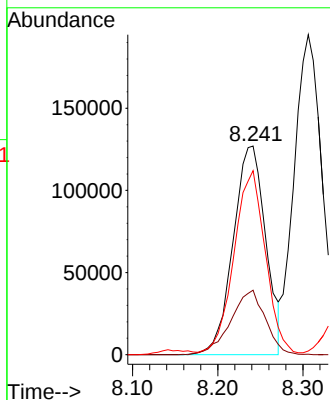
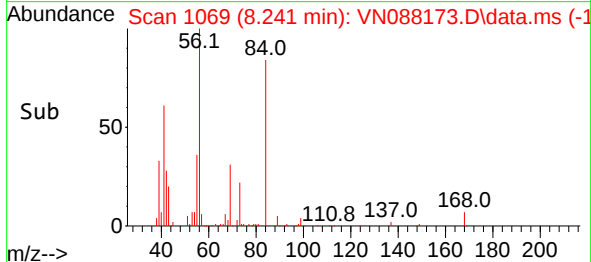
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 337284
Ion Ratio Lower Upper
56 100
69 31.0 23.7 35.5
84 86.2 64.7 97.1

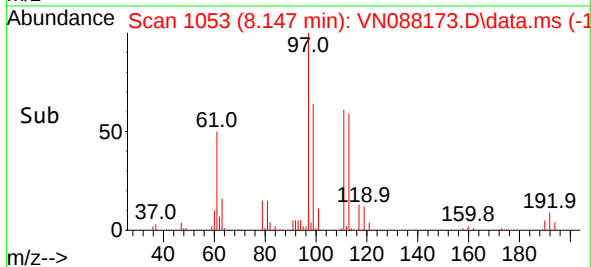
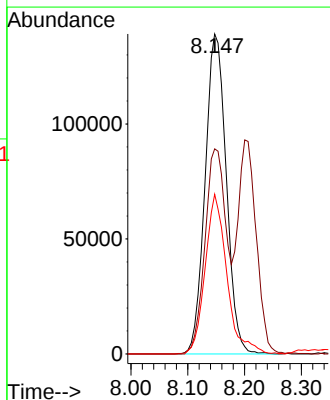
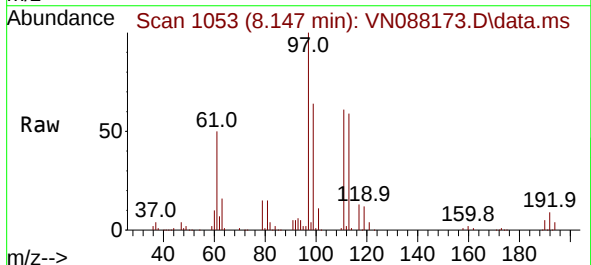
Manual Integrations
APPROVED

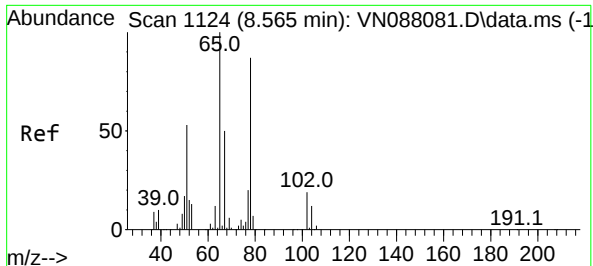
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#32
1,1,1-Trichloroethane
Concen: 52.437 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 97 Resp: 359682
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 51.3 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 57.041 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088173.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 296278

Ion Ratio Lower Upper

65 100

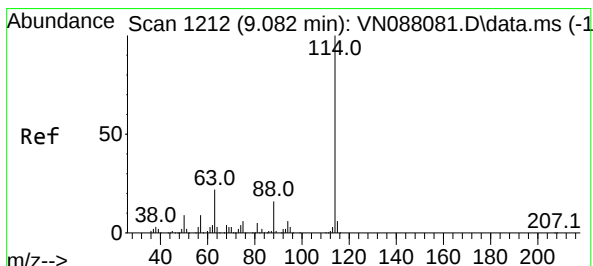
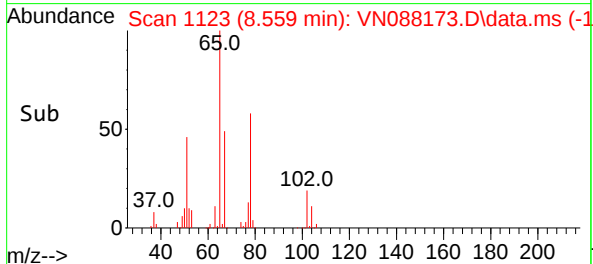
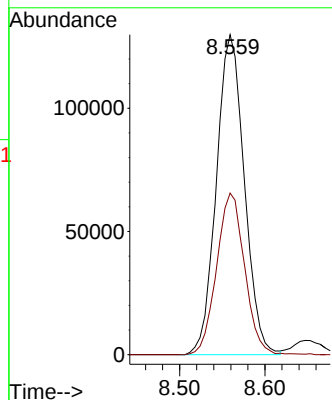
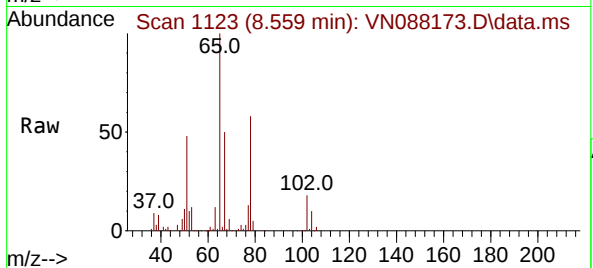
67 50.6 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088173.D

Acq: 31 Oct 2025 09:18

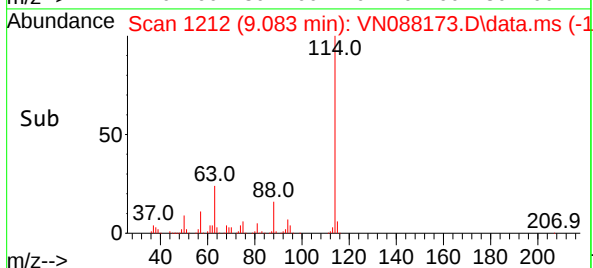
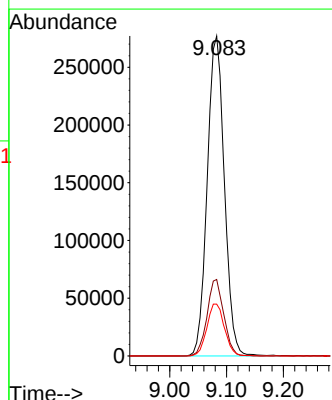
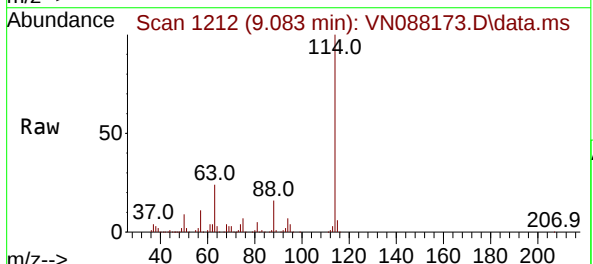
Tgt Ion:114 Resp: 578571

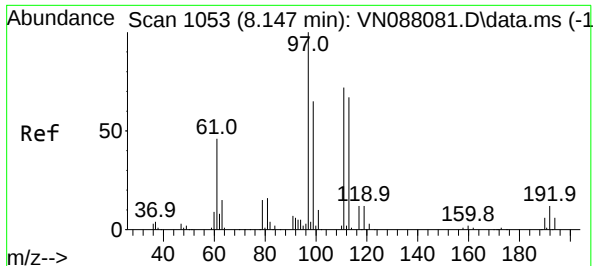
Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.2

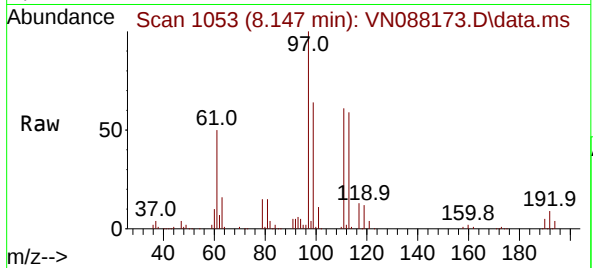
88 16.2 0.0 33.4





#35
Dibromofluoromethane
Concen: 51.793 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

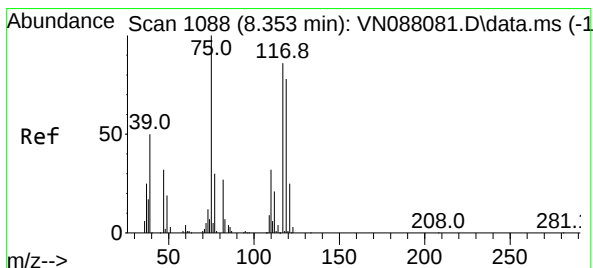
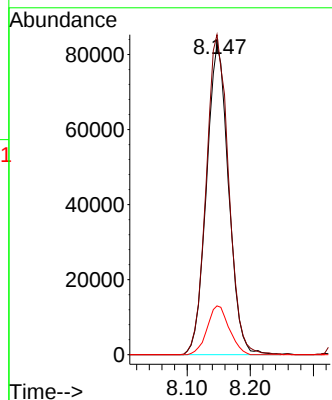
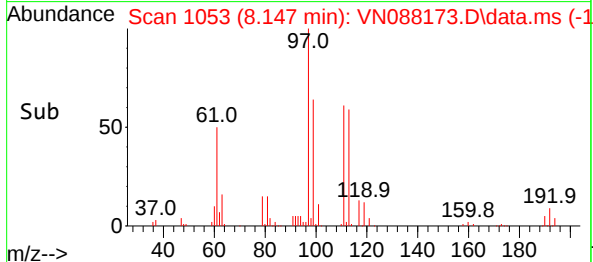
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



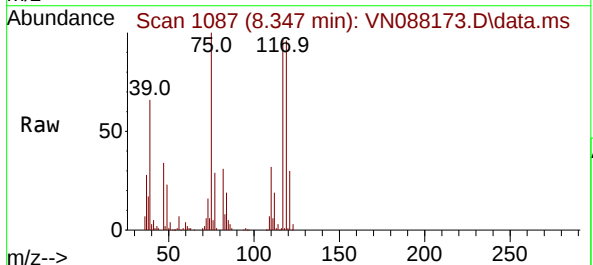
Tgt Ion:113 Resp: 20131
Ion Ratio Lower Upper
113 100
111 104.5 82.8 124.2
192 15.7 12.8 19.2

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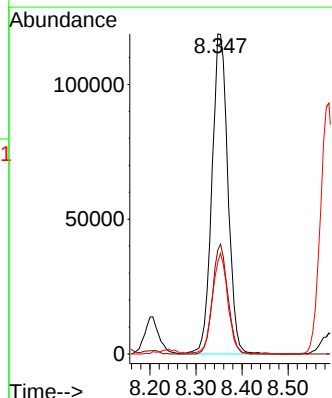
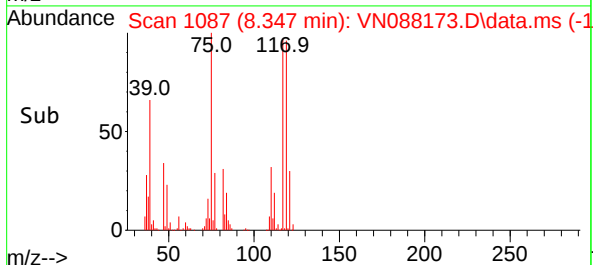
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

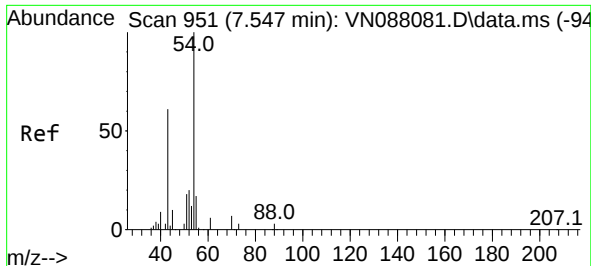


#36
1,1-Dichloropropene
Concen: 50.368 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. -0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18



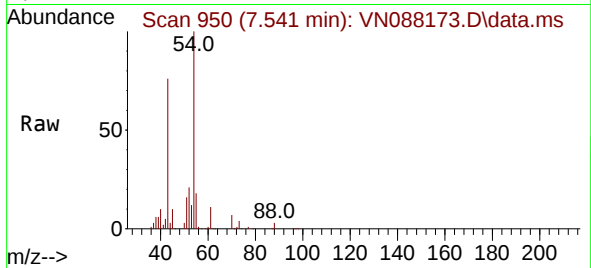
Tgt Ion: 75 Resp: 285851
Ion Ratio Lower Upper
75 100
110 32.5 15.9 47.6
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 55.713 ug/l
RT: 7.541 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

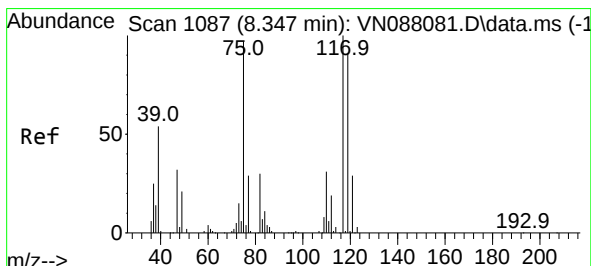
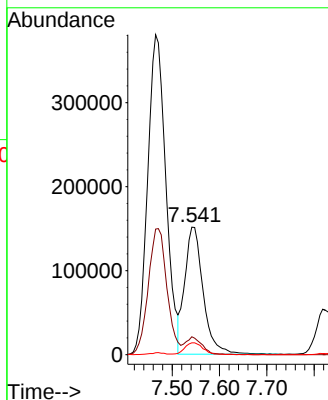
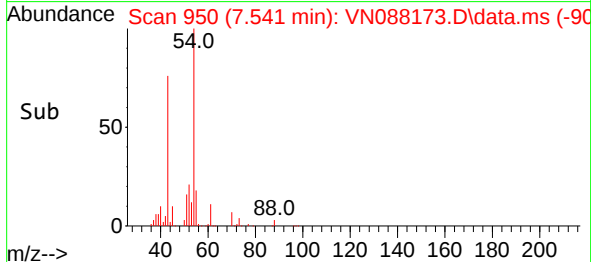
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 40803
Ion Ratio Lower Upper
43 100
61 12.9 9.3 13.9
70 9.5 7.0 10.6

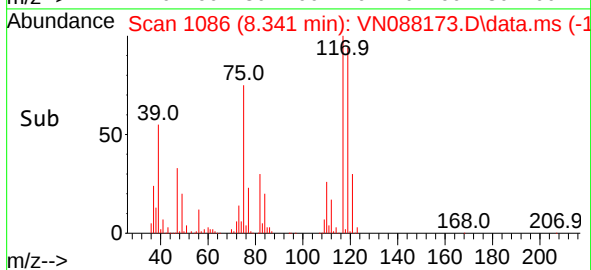
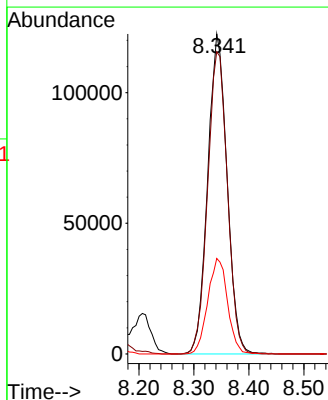
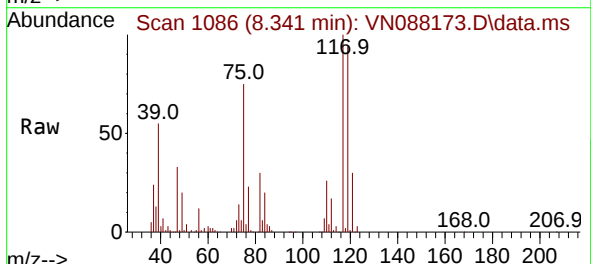
Manual Integrations
APPROVED

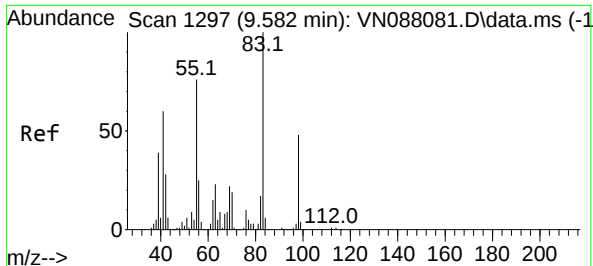
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#38
Carbon Tetrachloride
Concen: 51.098 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

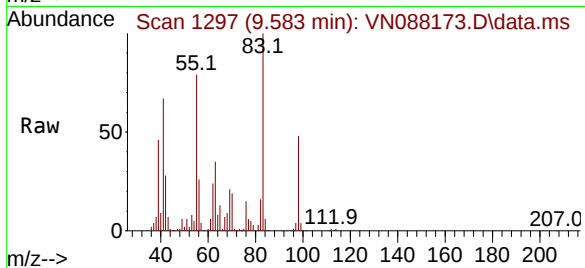
Tgt Ion:117 Resp: 299517
Ion Ratio Lower Upper
117 100
119 94.4 79.0 118.6
121 29.9 25.0 37.6





#39
Methylcyclohexane
Concen: 41.340 ug/l
RT: 9.583 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

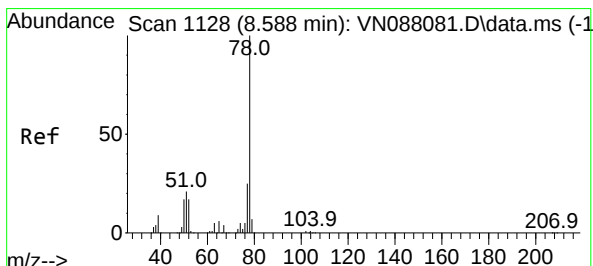
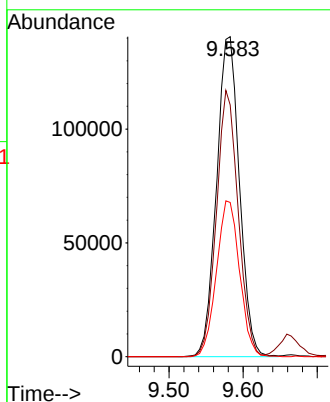
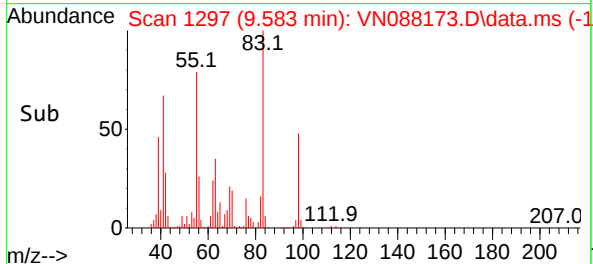
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 301570
Ion Ratio Lower Upper
83 100
55 78.7 64.6 96.8
98 48.2 38.4 57.6

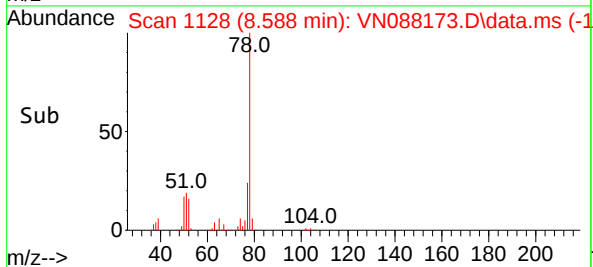
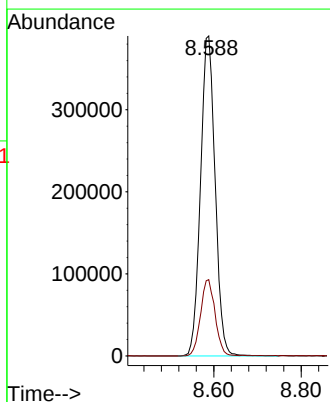
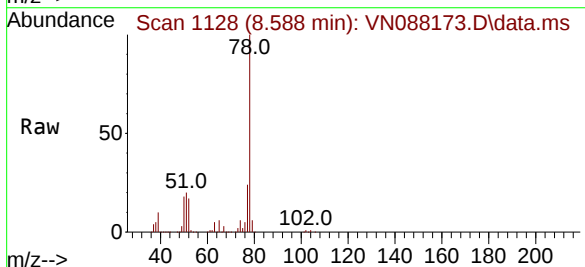
Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#40
Benzene
Concen: 52.459 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

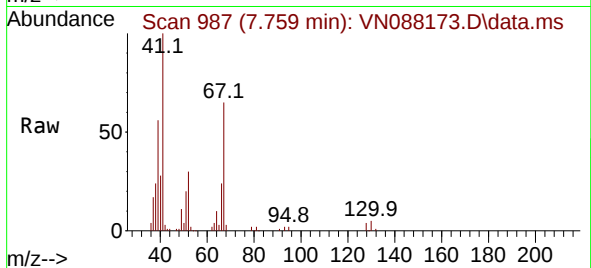
Tgt Ion: 78 Resp: 906694
Ion Ratio Lower Upper
78 100
77 23.9 19.7 29.5





#41
Methacrylonitrile
Concen: 57.090 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

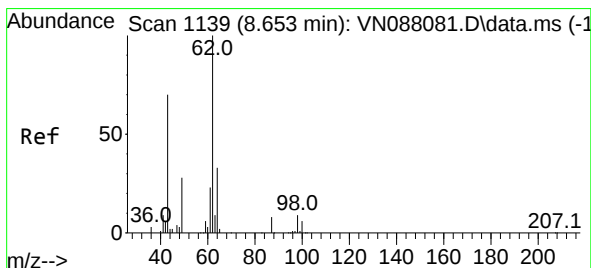
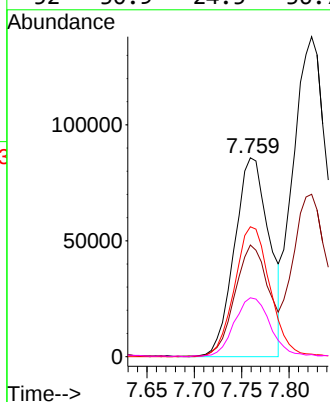
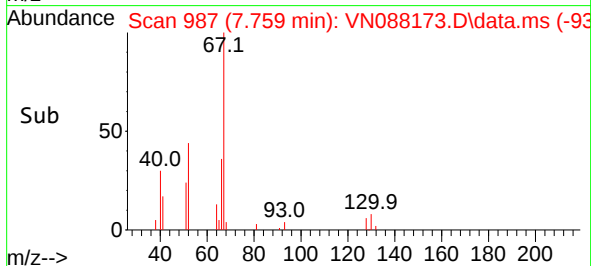
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 22006
Ion Ratio Lower Upper
41 100
39 55.1 45.4 68.0
67 66.9 55.3 82.9
52 30.9 24.5 36.7

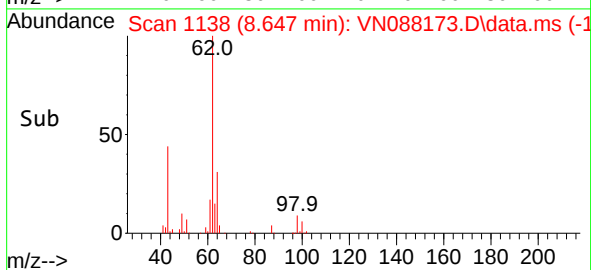
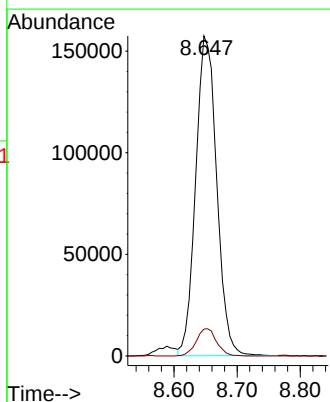
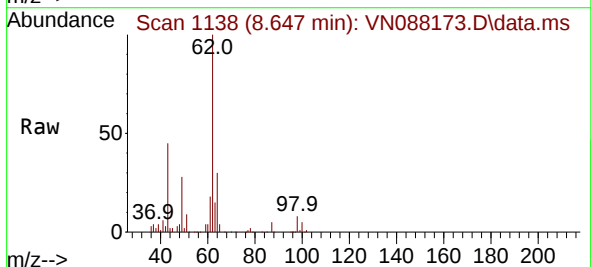
Manual Integrations
APPROVED

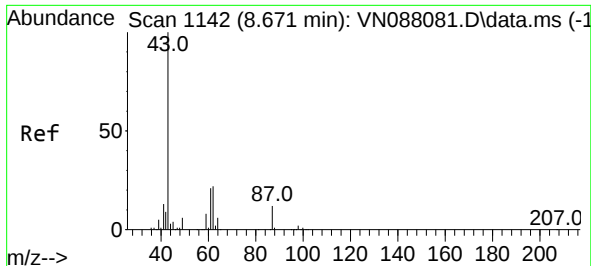
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#42
1,2-Dichloroethane
Concen: 59.258 ug/l
RT: 8.647 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

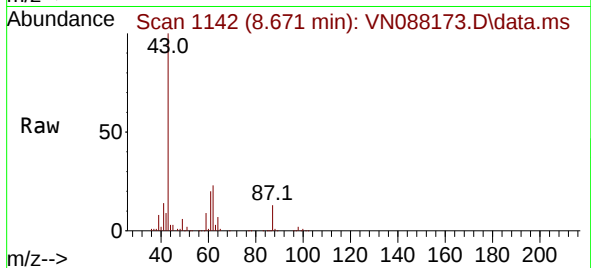
Tgt Ion: 62 Resp: 363916
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.4





#43
Isopropyl Acetate
Concen: 57.311 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

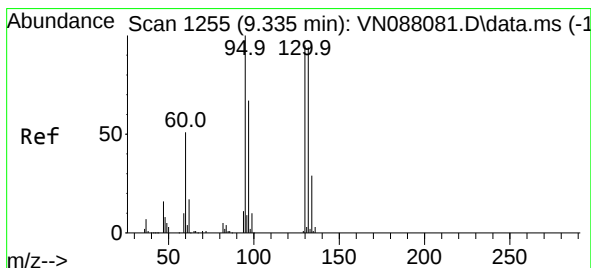
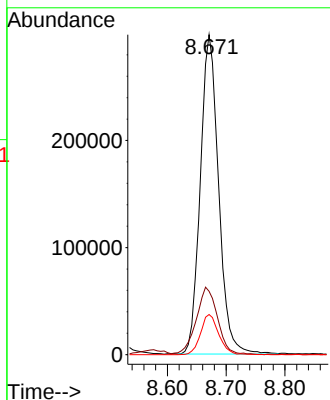
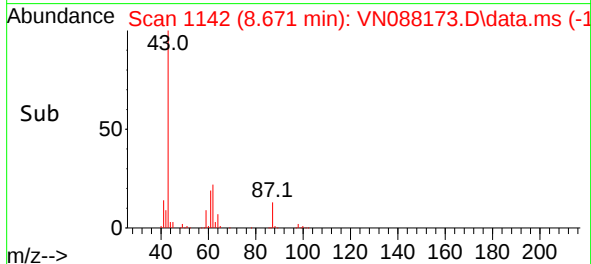
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 644979
Ion Ratio Lower Upper
43 100
61 24.7 18.8 28.2
87 12.5 9.6 14.4

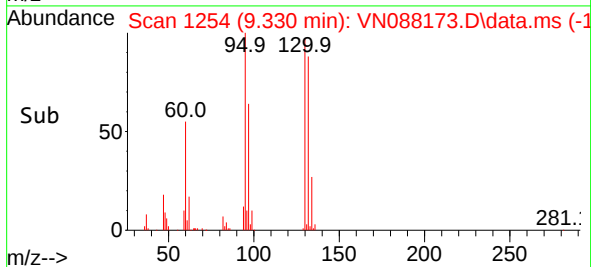
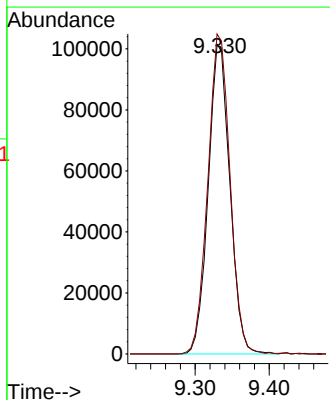
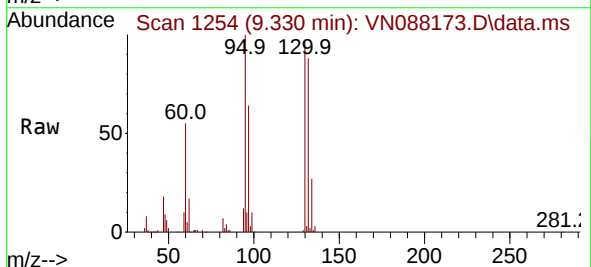
Manual Integrations
APPROVED

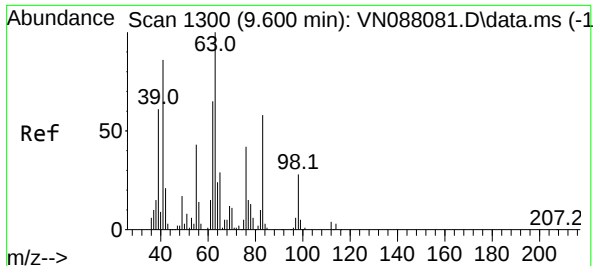
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#44
Trichloroethene
Concen: 50.951 ug/l
RT: 9.330 min Scan# 1254
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

Tgt Ion:130 Resp: 205838
Ion Ratio Lower Upper
130 100
95 103.4 0.0 212.0





#45

1,2-Dichloropropane

Concen: 53.869 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN088173.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 23505

Ion Ratio Lower Upper

63 100

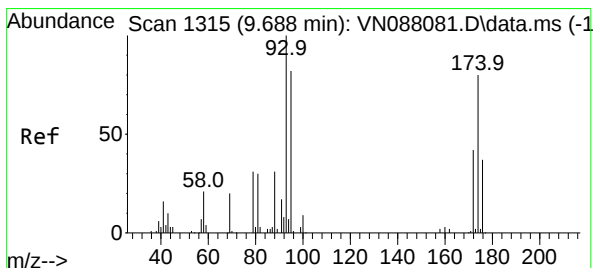
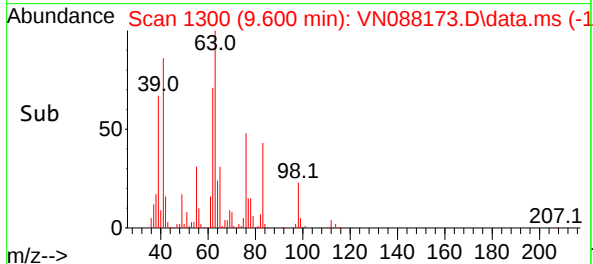
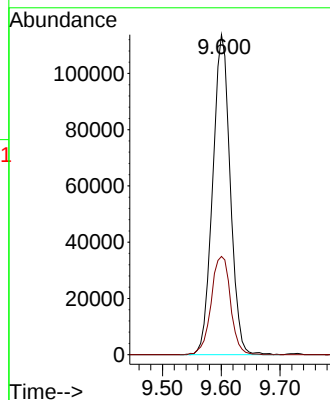
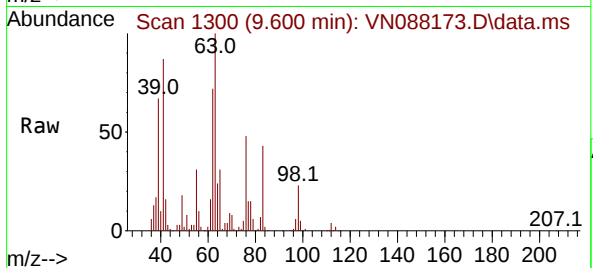
65 30.7 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#46

Dibromomethane

Concen: 56.451 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VN088173.D

Acq: 31 Oct 2025 09:18

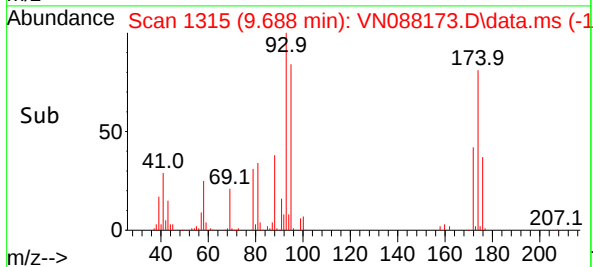
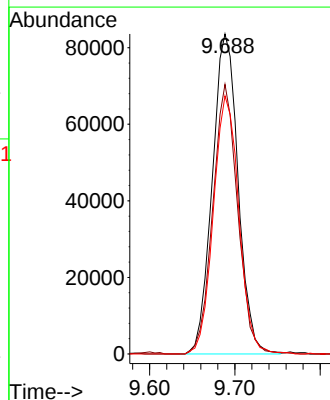
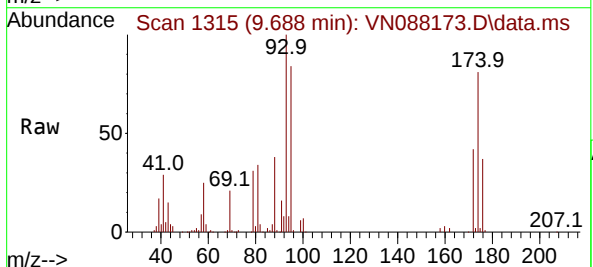
Tgt Ion: 93 Resp: 175678

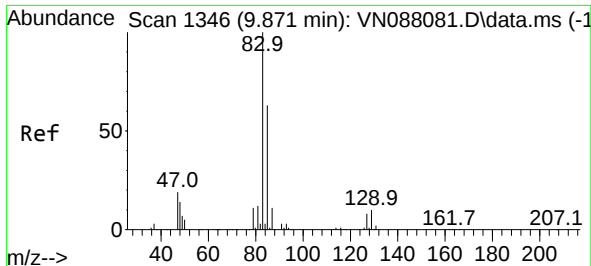
Ion Ratio Lower Upper

93 100

95 81.3 66.2 99.4

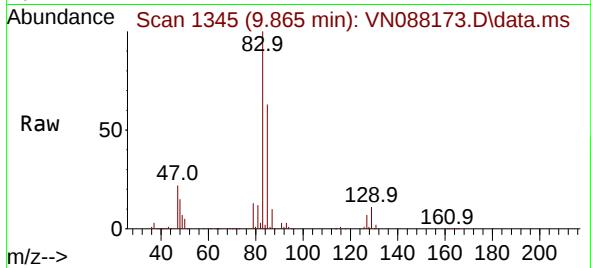
174 79.8 63.4 95.2





#47
Bromodichloromethane
Concen: 56.590 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

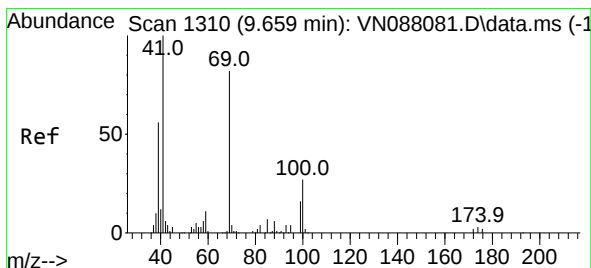
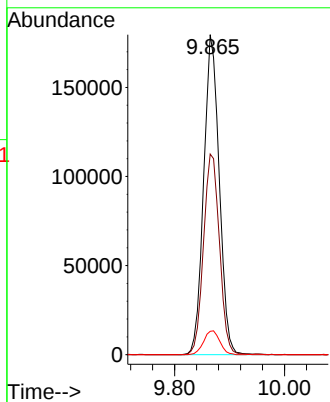
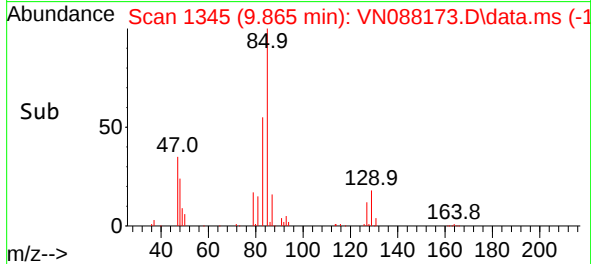
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 35259
Ion Ratio Lower Upper
83 100
85 62.7 52.5 78.7
127 7.3 5.8 8.6

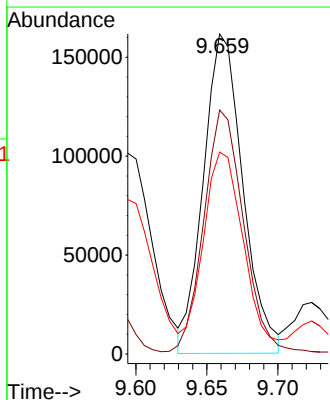
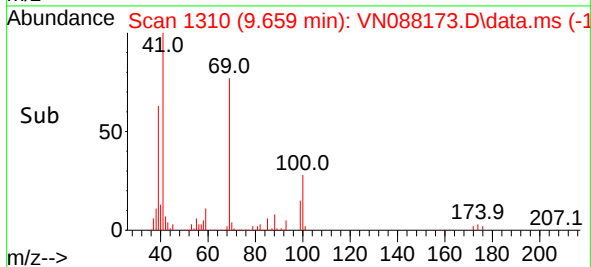
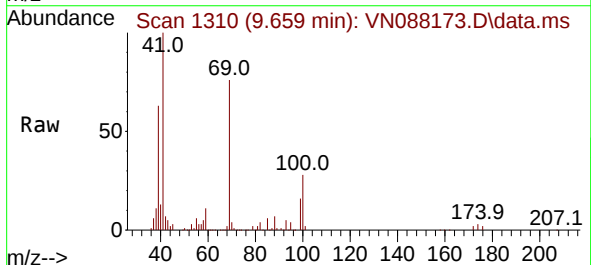
Manual Integrations
APPROVED

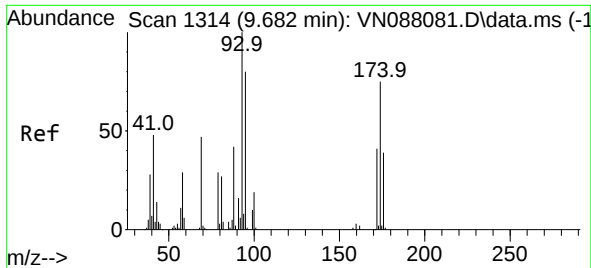
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#48
Methyl methacrylate
Concen: 60.107 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

Tgt Ion: 41 Resp: 312301
Ion Ratio Lower Upper
41 100
69 77.8 62.7 94.1
39 65.1 52.9 79.3





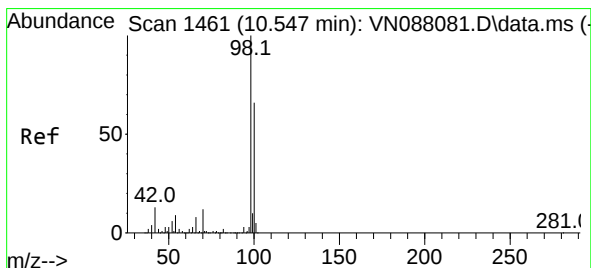
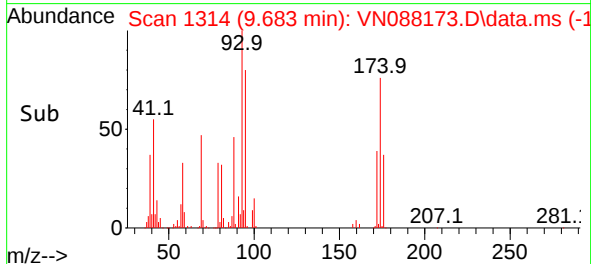
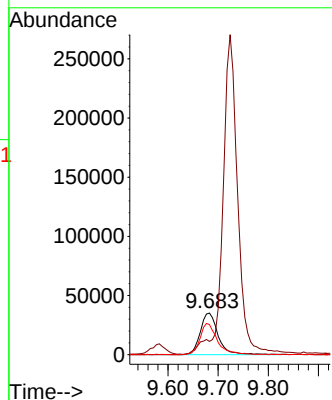
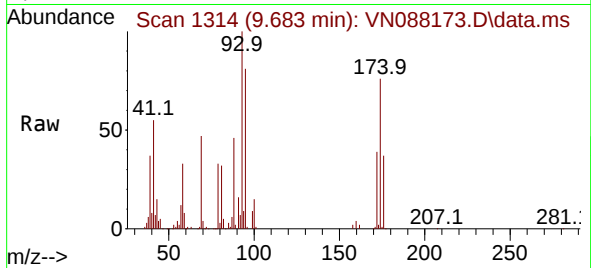
#49
1,4-Dioxane
Concen: 1346.410 ug/l
RT: 9.683 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 8700
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 73.5 57.9 86.9

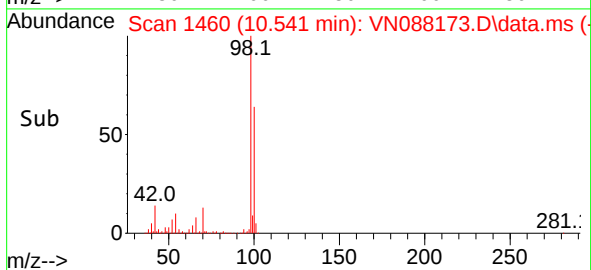
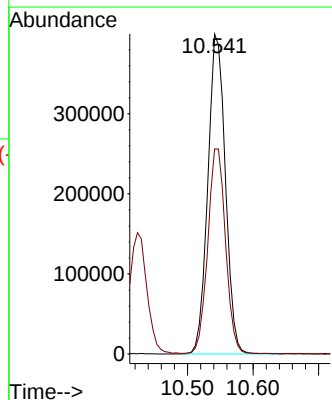
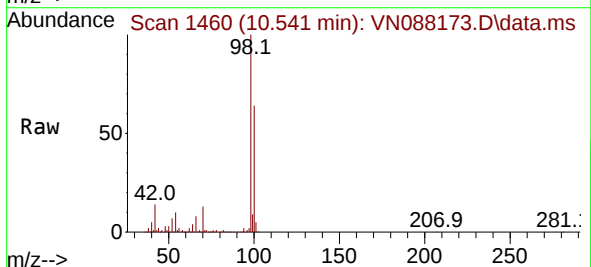
Manual Integrations
APPROVED

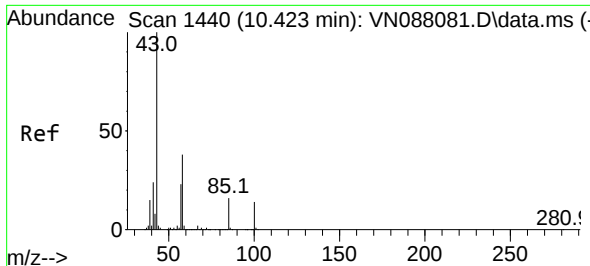
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#50
Toluene-d8
Concen: 49.594 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

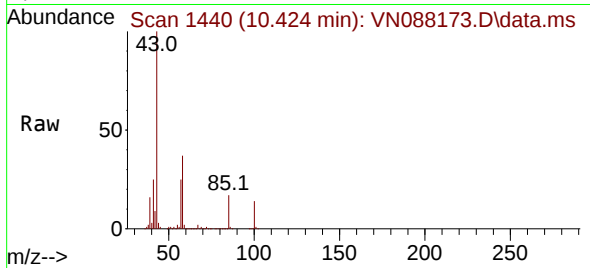
Tgt Ion: 98 Resp: 742755
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 292.374 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

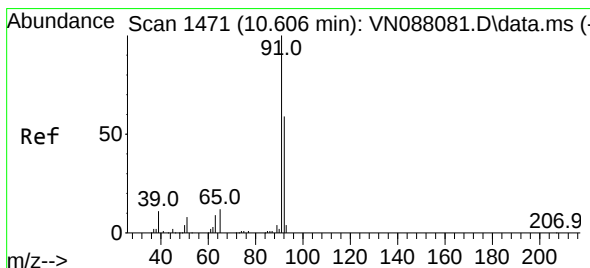
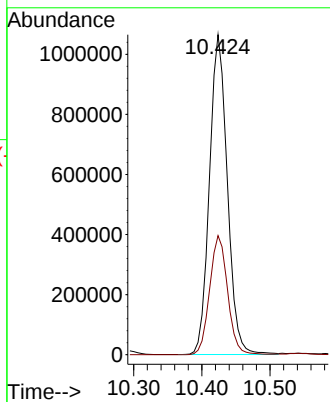
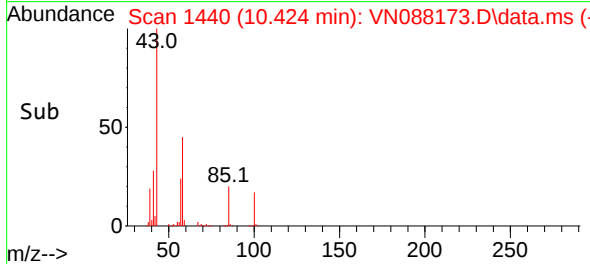
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 194653
Ion Ratio Lower Upper
43 100
58 37.3 29.6 44.4

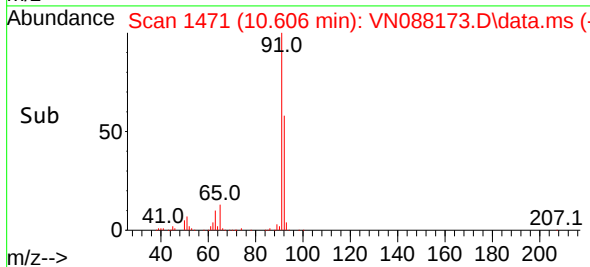
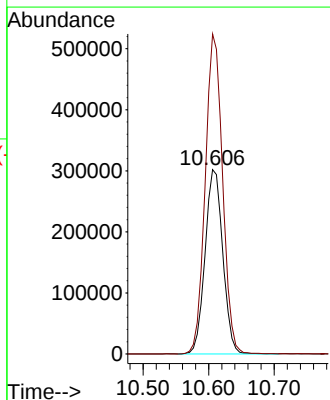
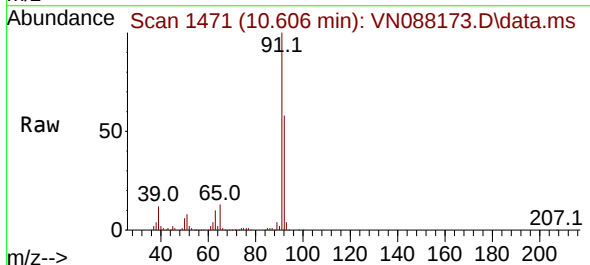
Manual Integrations
APPROVED

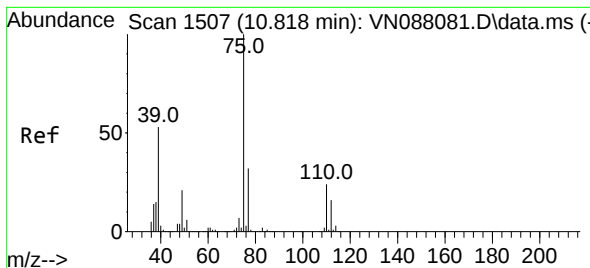
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#52
Toluene
Concen: 53.325 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

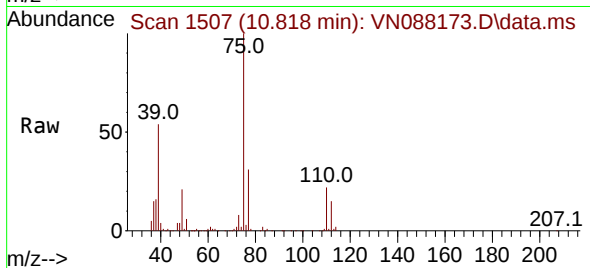
Tgt Ion: 92 Resp: 568245
Ion Ratio Lower Upper
92 100
91 169.8 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 59.446 ug/l
RT: 10.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

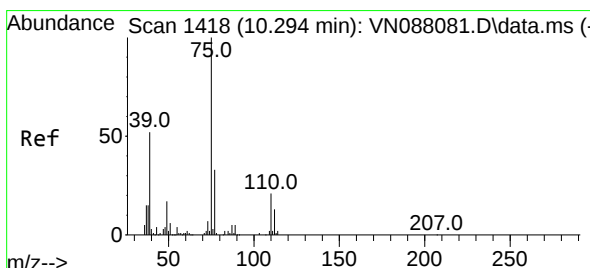
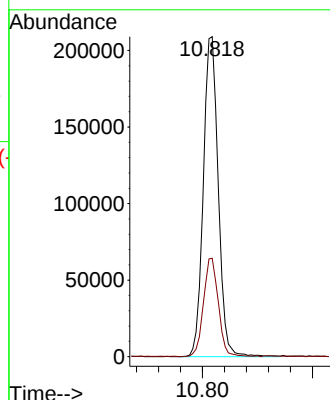
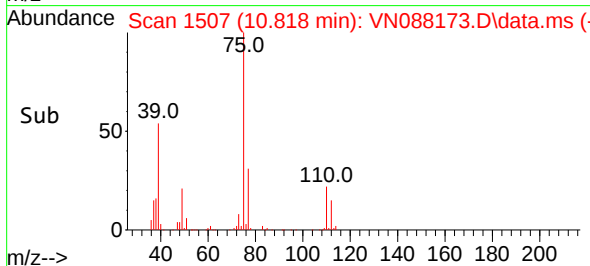
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



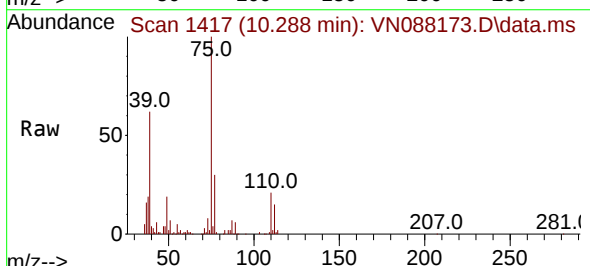
Tgt Ion: 75 Resp: 39421
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8

Manual Integrations
APPROVED

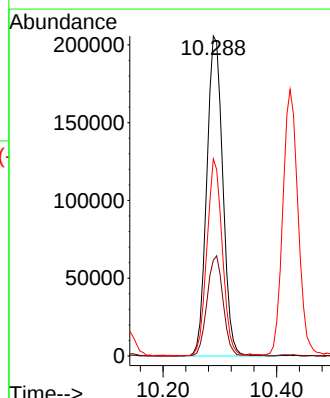
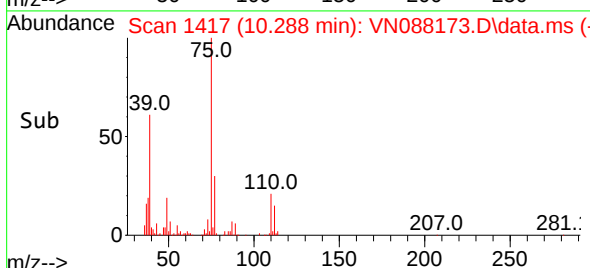
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

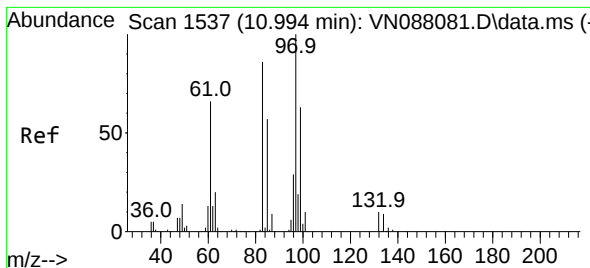


#54
cis-1,3-Dichloropropene
Concen: 57.241 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18



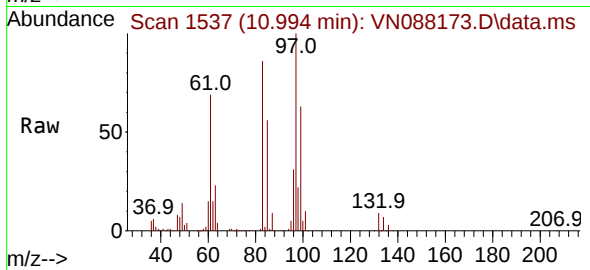
Tgt Ion: 75 Resp: 402794
Ion Ratio Lower Upper
75 100
77 29.8 24.6 37.0
39 61.5 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 53.598 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

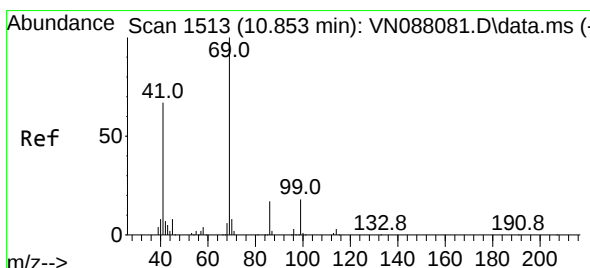
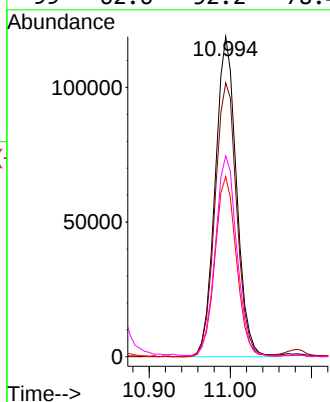
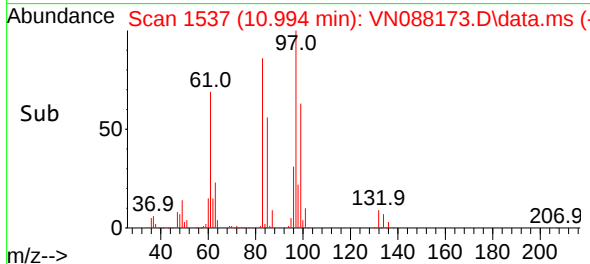
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



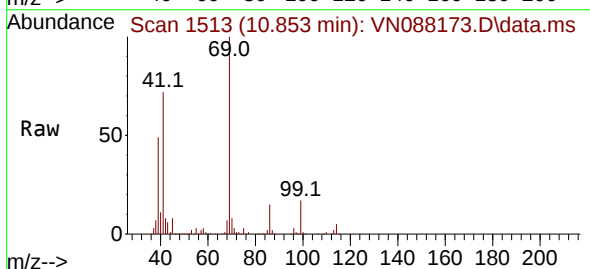
Tgt Ion: 97 Resp: 216688
Ion Ratio Lower Upper
97 100
83 85.6 68.2 102.4
85 56.1 45.5 68.3
99 62.6 52.2 78.4

Manual Integrations
APPROVED

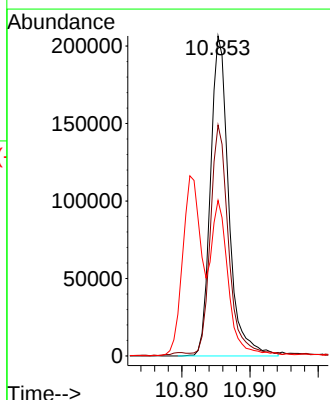
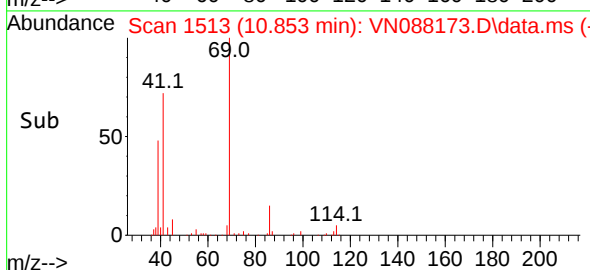
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

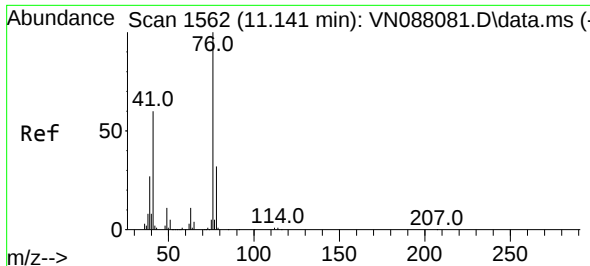


#56
Ethyl methacrylate
Concen: 60.248 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18



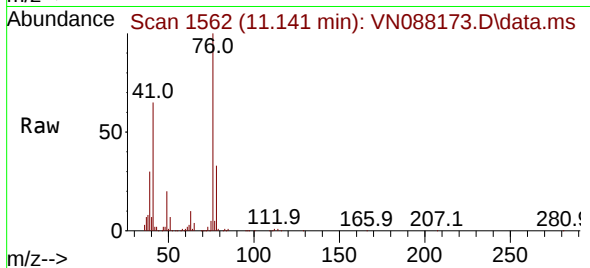
Tgt Ion: 69 Resp: 385456
Ion Ratio Lower Upper
69 100
41 70.0 56.5 84.7
39 45.0 34.2 51.4





#57
1,3-Dichloropropane
Concen: 55.761 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

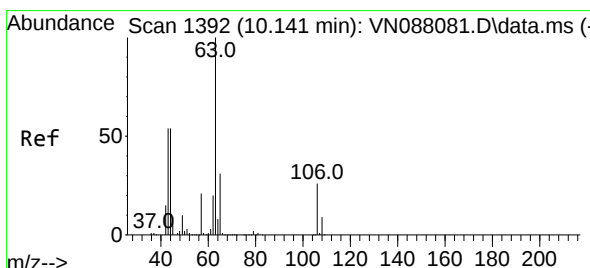
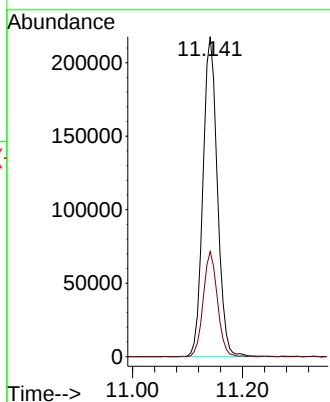
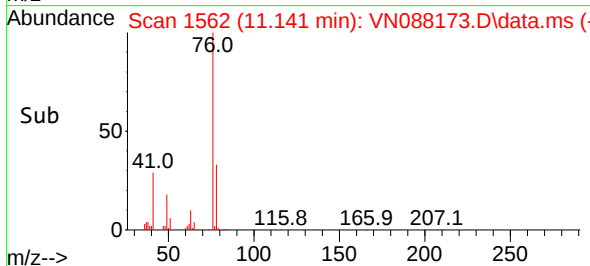
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



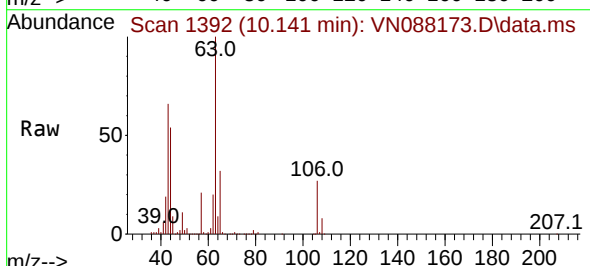
Tgt Ion: 76 Resp: 396249
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.4

Manual Integrations
APPROVED

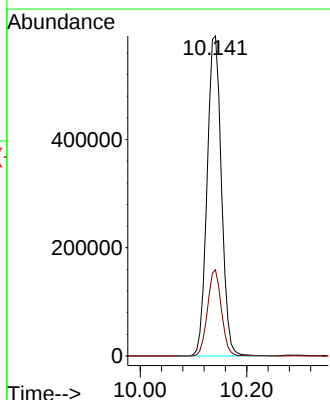
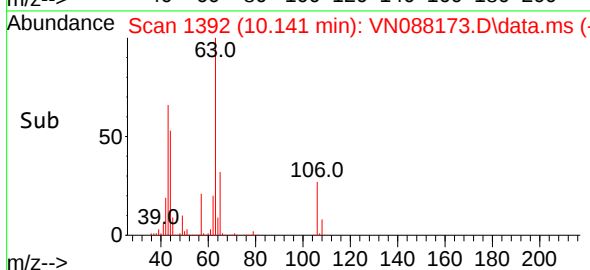
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

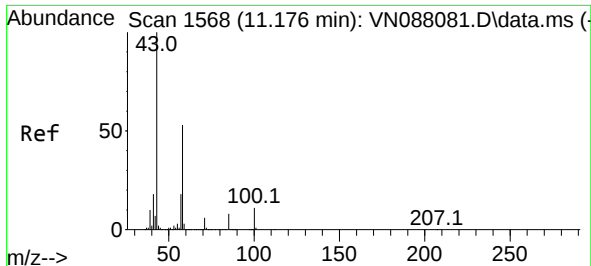


#58
2-Chloroethyl Vinyl ether
Concen: 331.478 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18



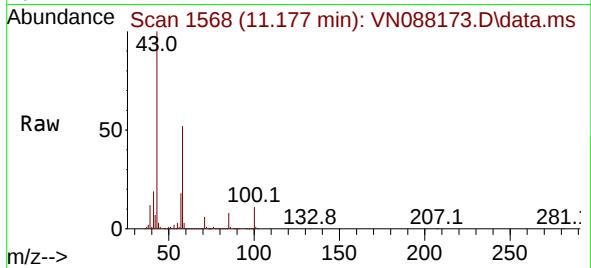
Tgt Ion: 63 Resp: 1103120
Ion Ratio Lower Upper
63 100
106 26.1 21.1 31.7





#59
2-Hexanone
Concen: 311.587 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

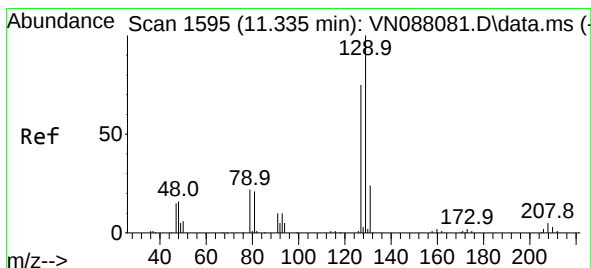
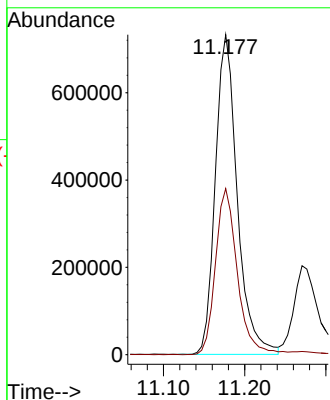
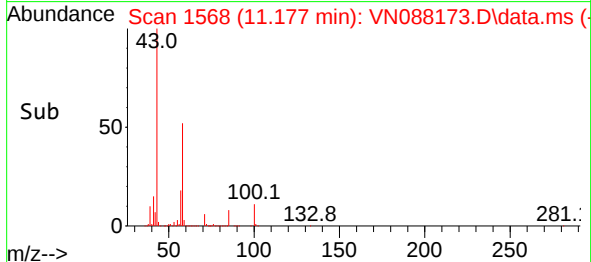
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 137614
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.8

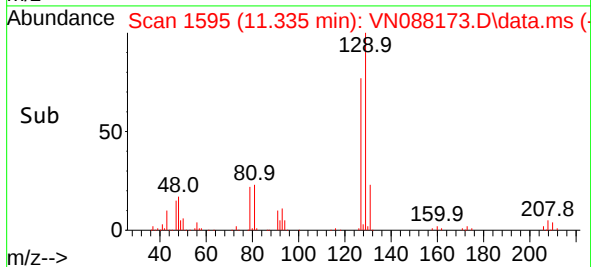
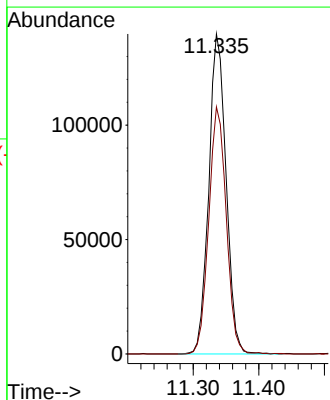
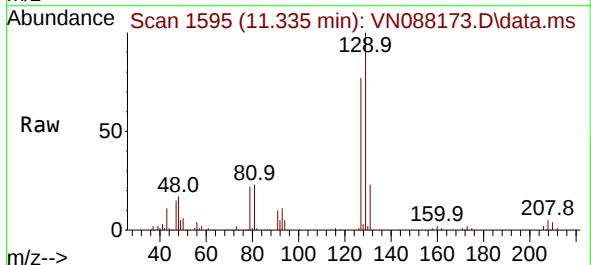
Manual Integrations
APPROVED

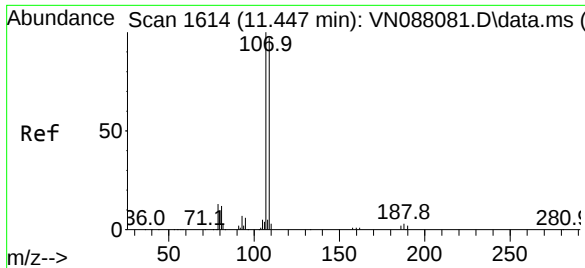
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#60
Dibromochloromethane
Concen: 55.728 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

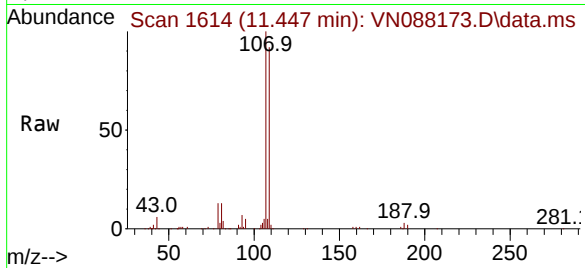
Tgt Ion:129 Resp: 256080
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.3





#61
1,2-Dibromoethane
Concen: 54.956 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

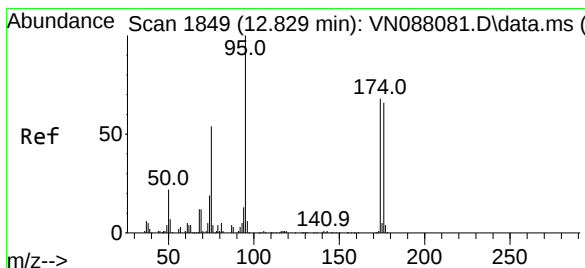
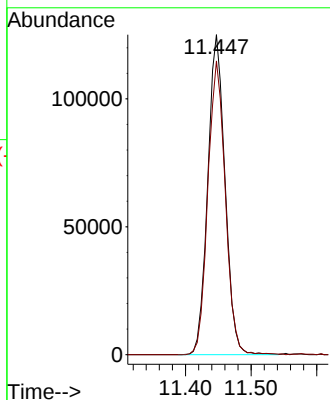
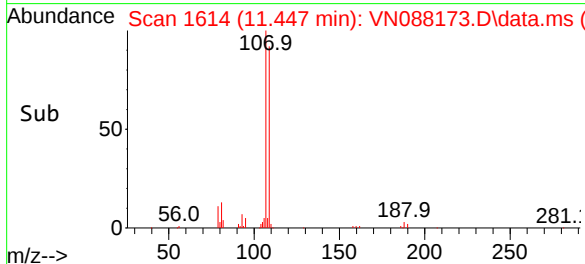
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



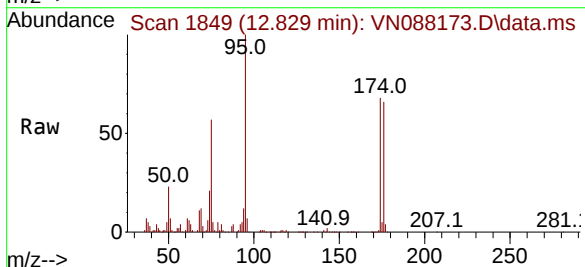
Tgt Ion:107 Resp: 228660
Ion Ratio Lower Upper
107 100
109 93.1 74.7 112.1

Manual Integrations
APPROVED

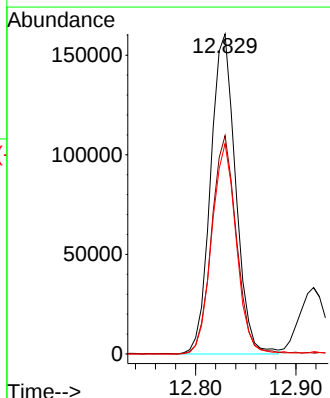
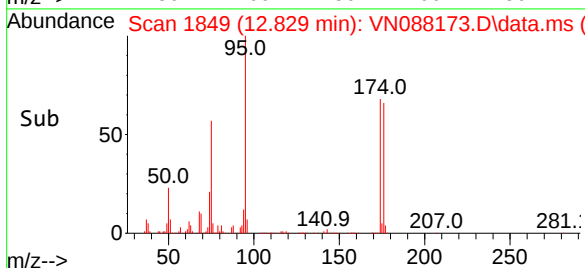
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

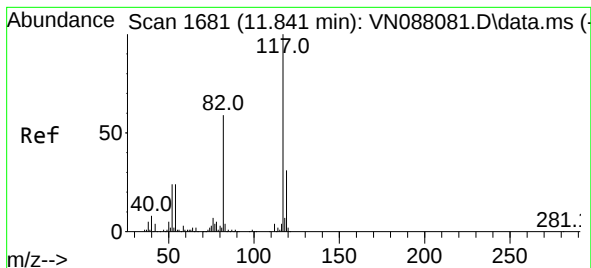


#62
4-Bromofluorobenzene
Concen: 52.690 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18



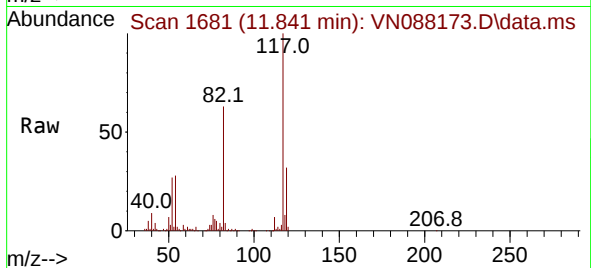
Tgt Ion: 95 Resp: 278690
Ion Ratio Lower Upper
95 100
174 67.6 0.0 138.4
176 64.6 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

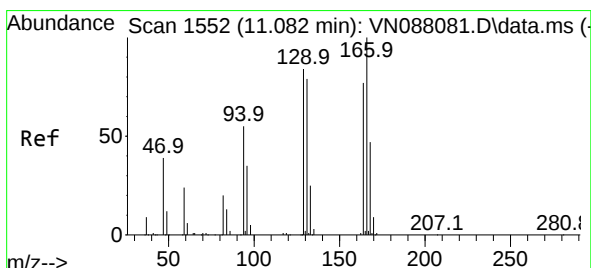
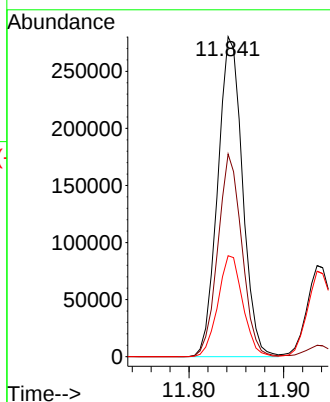
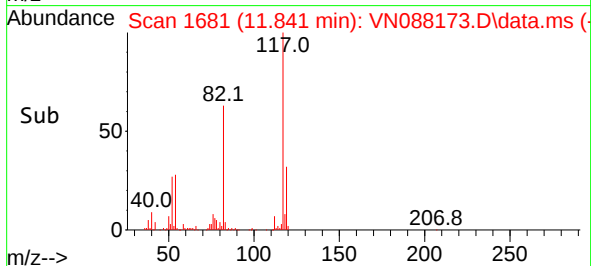
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



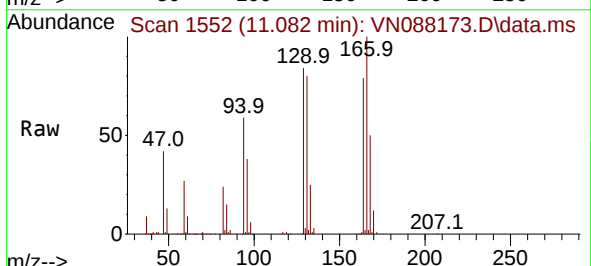
Tgt Ion:117 Resp: 509730
Ion Ratio Lower Upper
117 100
82 63.4 47.4 71.2
119 31.5 24.3 36.5

Manual Integrations
APPROVED

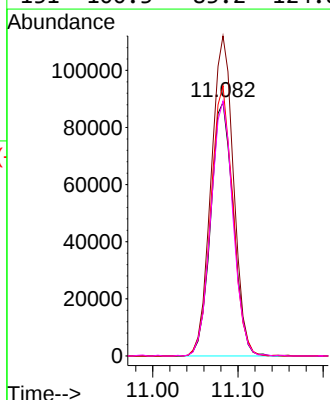
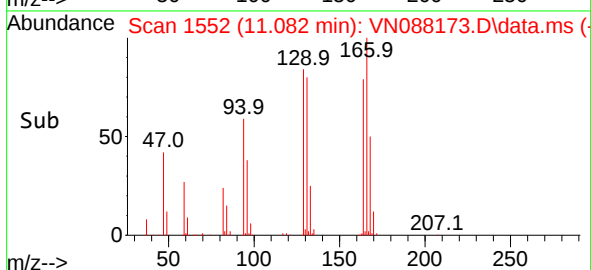
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

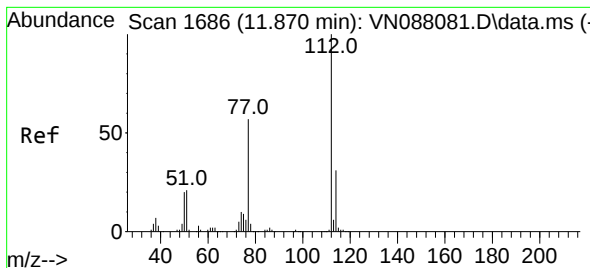


#64
Tetrachloroethene
Concen: 48.549 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18



Tgt Ion:164 Resp: 163233
Ion Ratio Lower Upper
164 100
166 126.2 97.7 146.5
129 106.3 85.9 128.9
131 100.3 83.2 124.8





#65

Chlorobenzene

Concen: 52.271 ug/l

RT: 11.871 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VN088173.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 605000

Ion Ratio Lower Upper

112 100

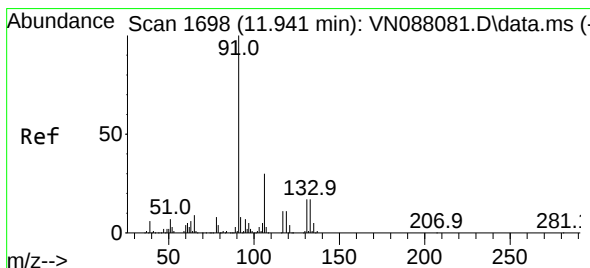
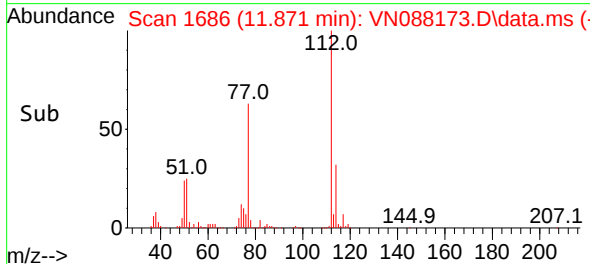
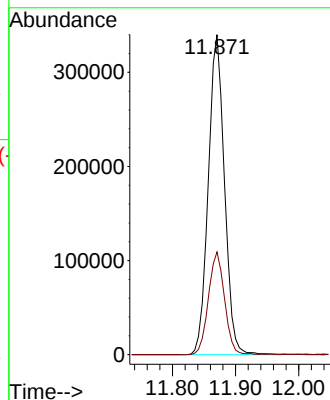
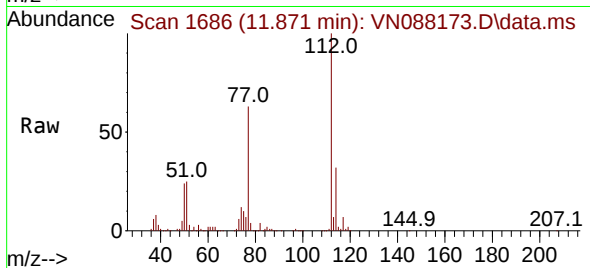
114 32.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 55.331 ug/l

RT: 11.935 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VN088173.D

Acq: 31 Oct 2025 09:18

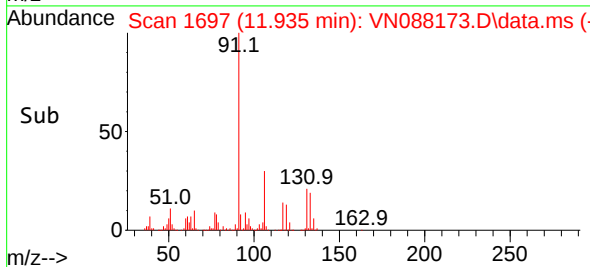
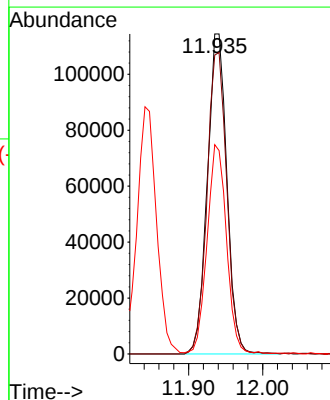
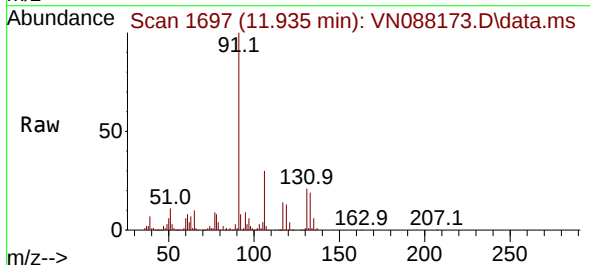
Tgt Ion:131 Resp: 209817

Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.0

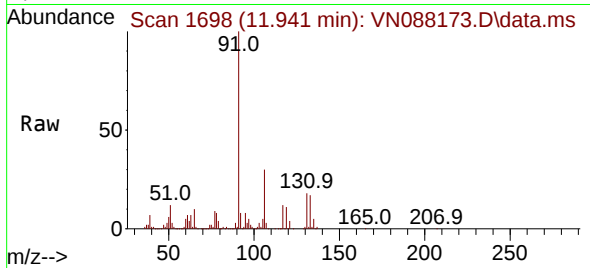
119 64.8 32.6 97.7





#67
Ethyl Benzene
Concen: 53.305 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

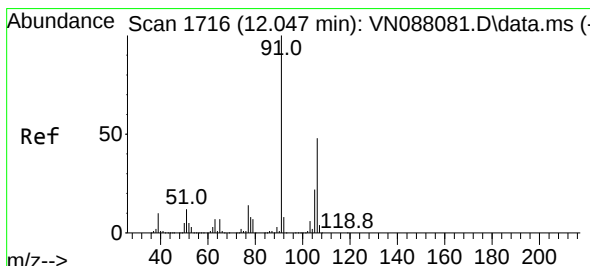
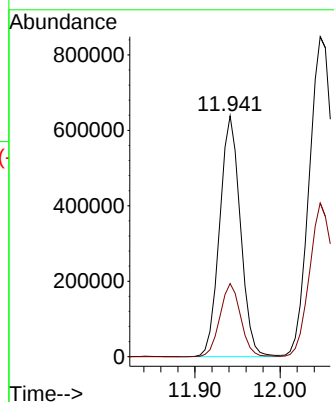
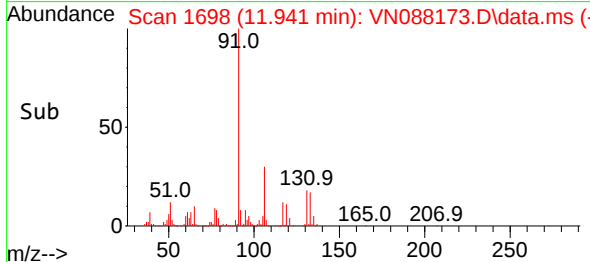
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



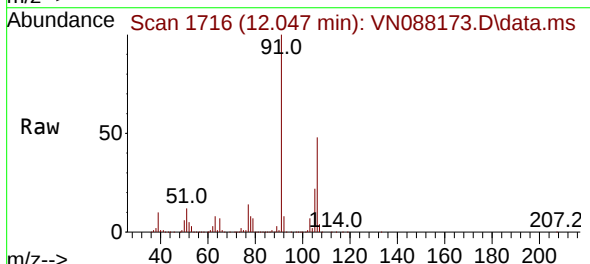
Tgt Ion: 91 Resp: 1082970
Ion Ratio Lower Upper
91 100
106 30.4 24.1 36.1

Manual Integrations
APPROVED

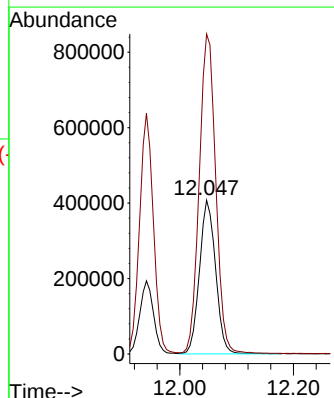
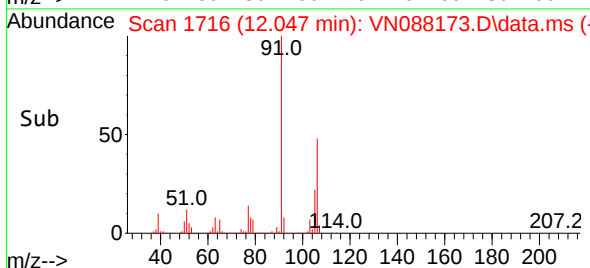
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

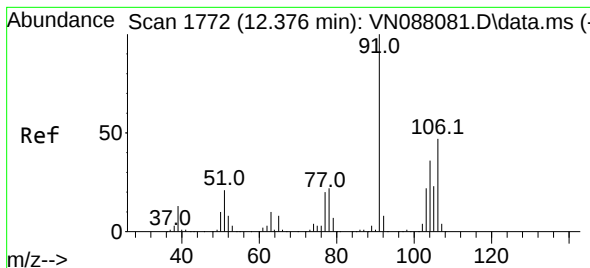


#68
m/p-Xylenes
Concen: 105.437 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18



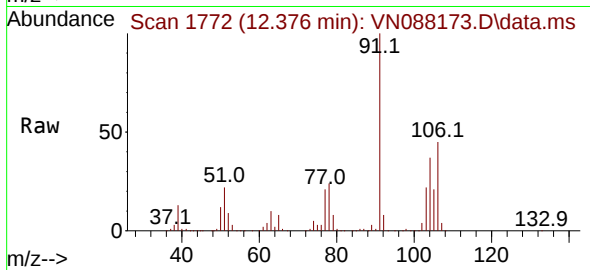
Tgt Ion:106 Resp: 802615
Ion Ratio Lower Upper
106 100
91 214.0 169.3 253.9





#69
o-Xylene
Concen: 54.394 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

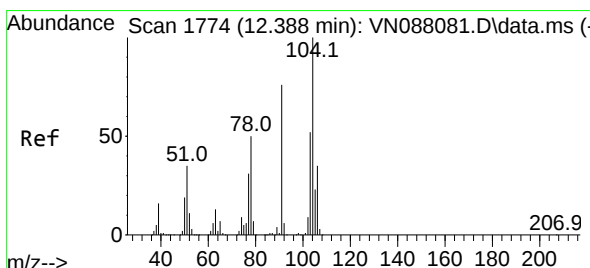
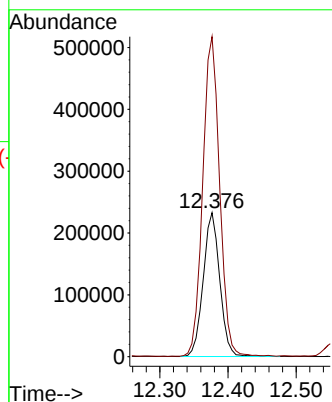
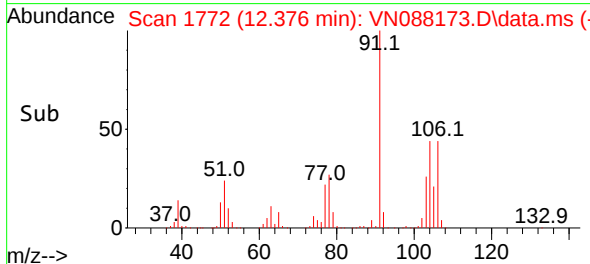
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 392520
Ion Ratio Lower Upper
106 100
91 226.6 111.4 334.2

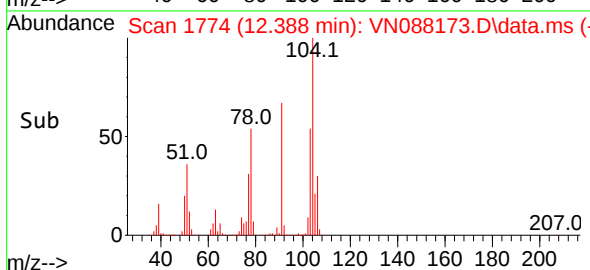
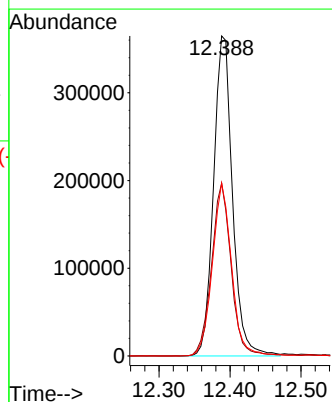
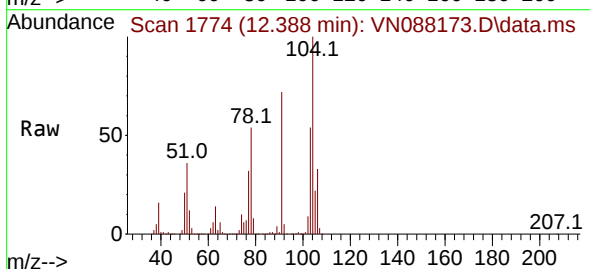
Manual Integrations
APPROVED

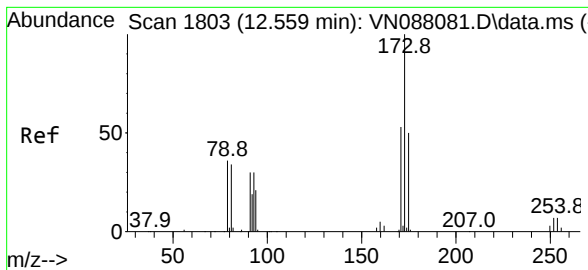
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#70
Styrene
Concen: 57.279 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

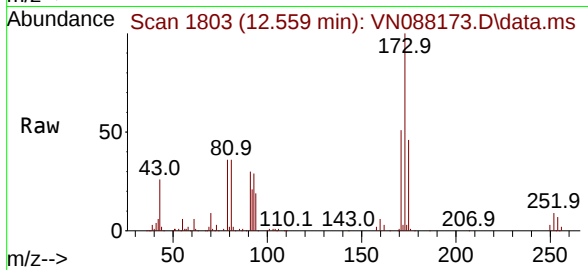
Tgt Ion:104 Resp: 674014
Ion Ratio Lower Upper
104 100
78 56.1 42.2 63.2
103 55.1 43.4 65.2





#71
Bromoform
Concen: 57.455 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

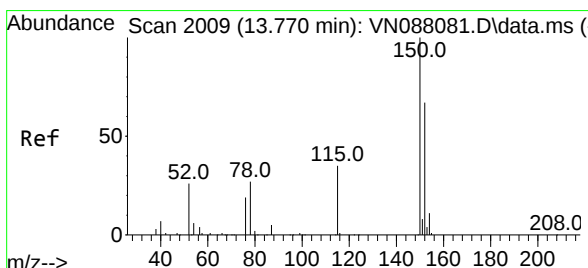
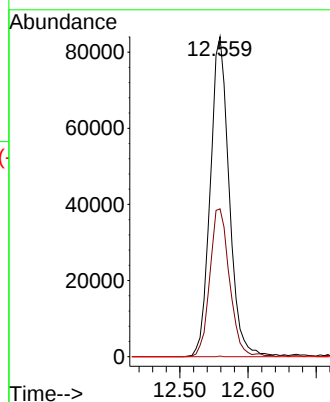
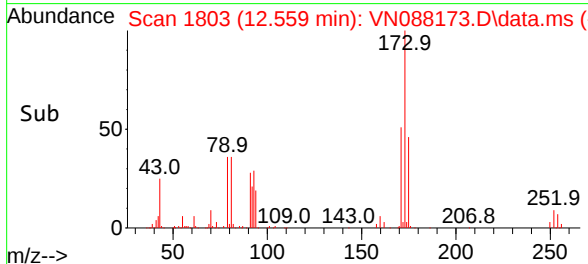
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



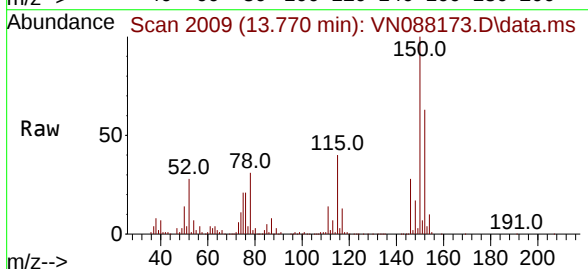
Tgt Ion:173 Resp: 16259
Ion Ratio Lower Upper
173 100
175 48.1 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

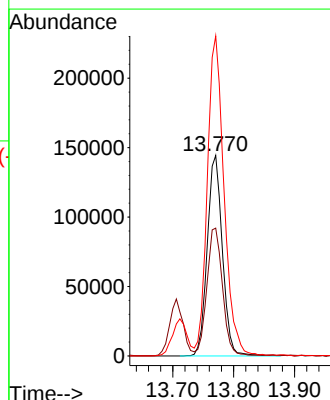
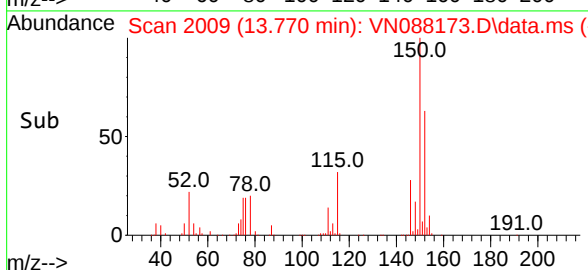
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

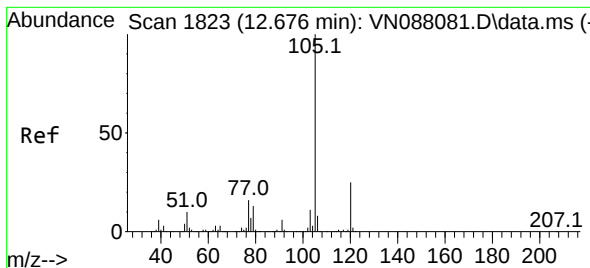


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18



Tgt Ion:152 Resp: 249740
Ion Ratio Lower Upper
152 100
115 64.8 32.3 96.8
150 174.8 0.0 351.0





#73

Isopropylbenzene

Concen: 51.666 ug/l

RT: 12.671 min Scan# 1823

Delta R.T. -0.000 min

Lab File: VN088173.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 99518

Ion Ratio Lower Upper

105 100

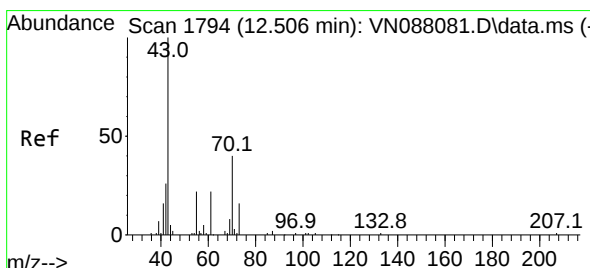
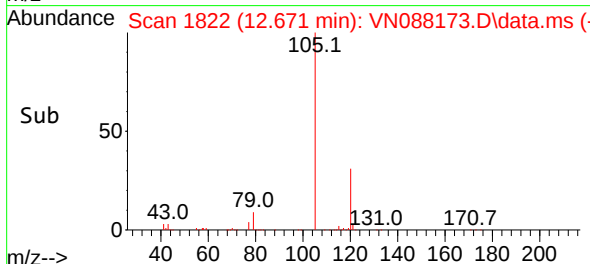
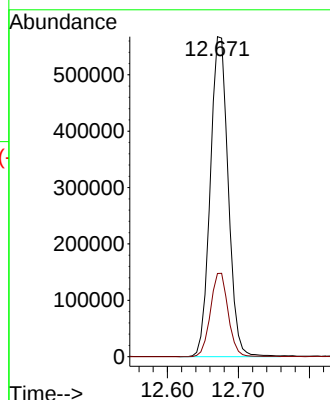
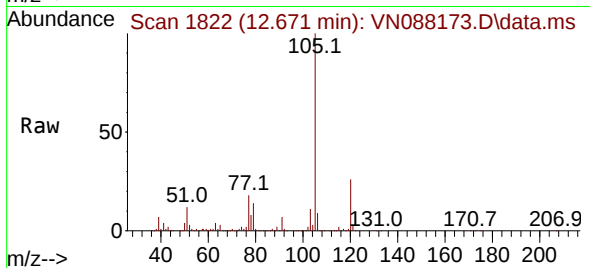
120 25.7 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#74

N-amy1 acetate

Concen: 50.122 ug/l m

RT: 12.500 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VN088173.D

Acq: 31 Oct 2025 09:18

Tgt Ion: 43 Resp: 274064

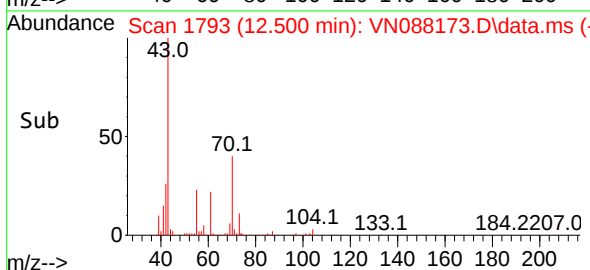
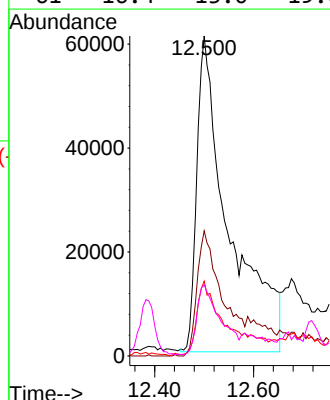
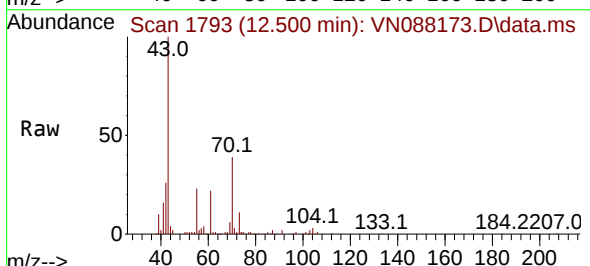
Ion Ratio Lower Upper

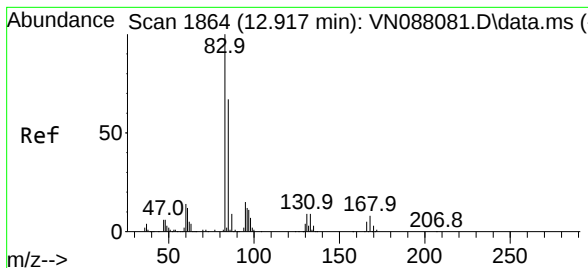
43 100

70 31.1 27.6 41.4

55 21.2 13.0 19.6#

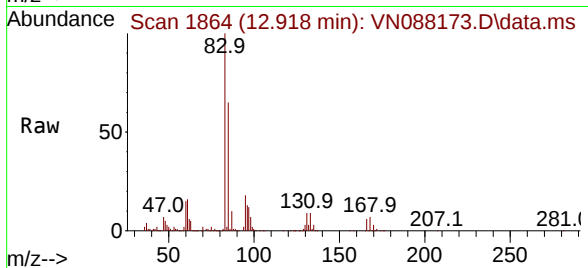
61 16.4 13.0 19.6





#75
1,1,2,2-Tetrachloroethane
Concen: 54.244 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

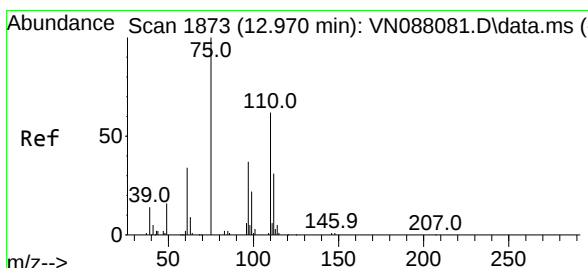
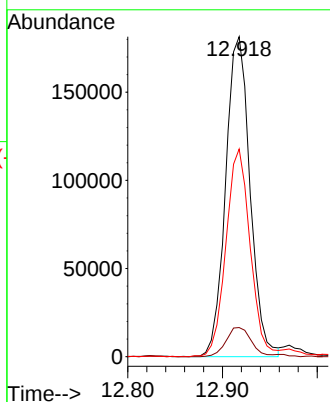
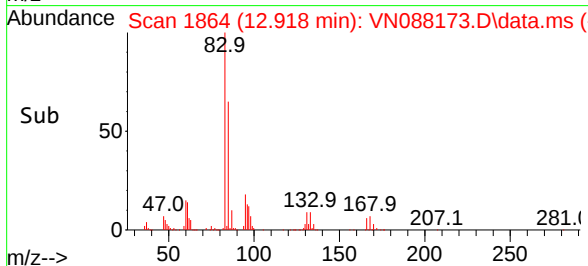
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



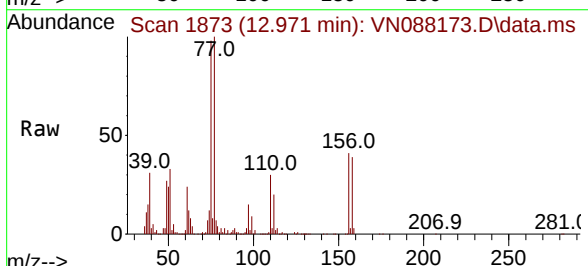
Tgt Ion: 83 Resp: 325289
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.4
85 64.3 32.1 96.3

Manual Integrations
APPROVED

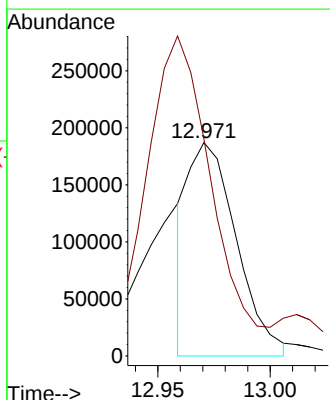
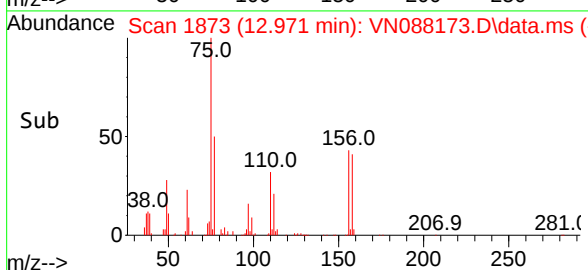
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

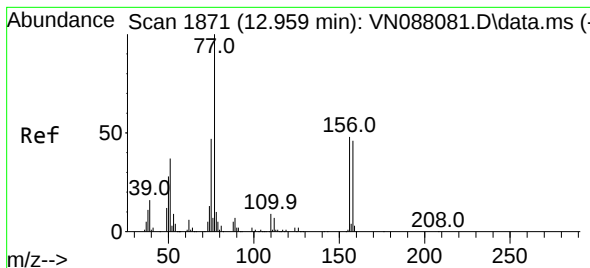


#76
1,2,3-Trichloropropane
Concen: 49.011 ug/l m
RT: 12.971 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18



Tgt Ion: 75 Resp: 279846
Ion Ratio Lower Upper
75 100
77 205.5 89.1 267.4





#77

Bromobenzene

Concen: 56.234 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088173.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

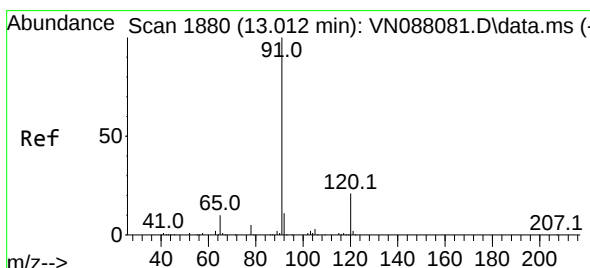
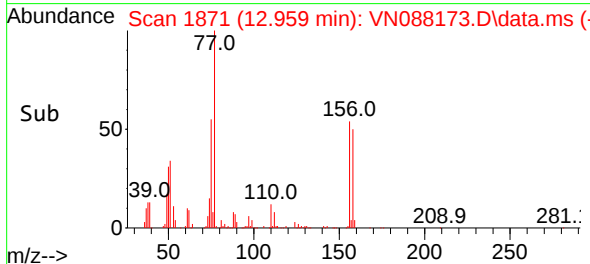
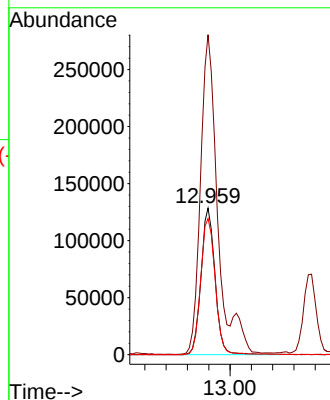
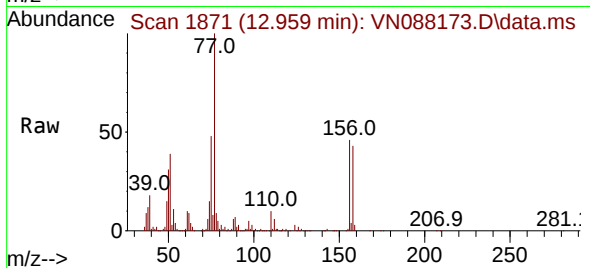
Tgt Ion:156 Resp: 233574
 Ion Ratio Lower Upper
 156 100
 77 246.2 119.3 358.0
 158 96.5 48.2 144.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#78

n-propylbenzene

Concen: 51.277 ug/l

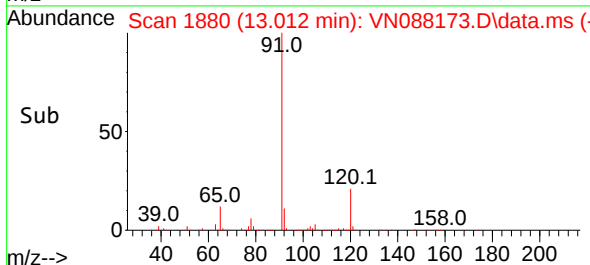
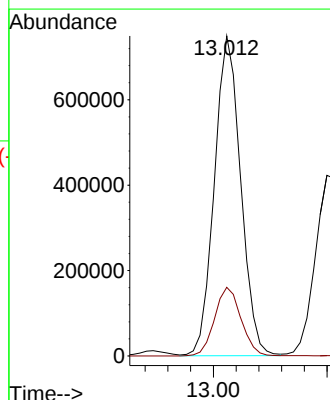
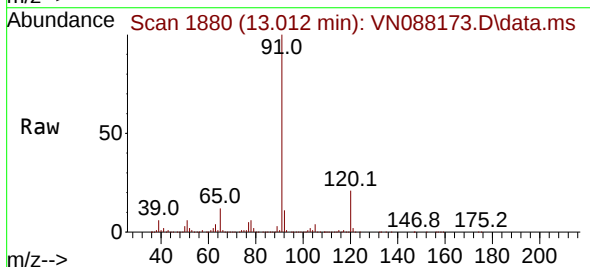
RT: 13.012 min Scan# 1880

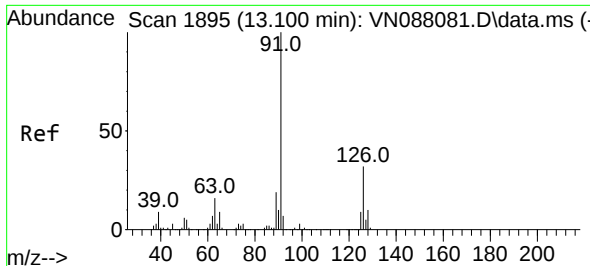
Delta R.T. -0.000 min

Lab File: VN088173.D

Acq: 31 Oct 2025 09:18

Tgt Ion: 91 Resp: 1205322
 Ion Ratio Lower Upper
 91 100
 120 21.7 10.7 32.1





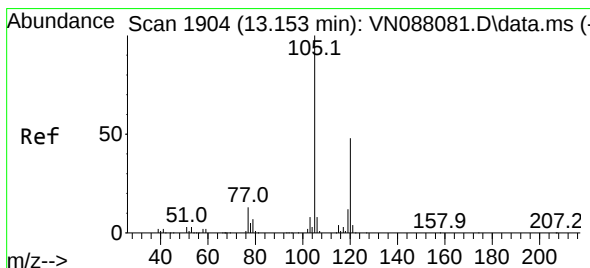
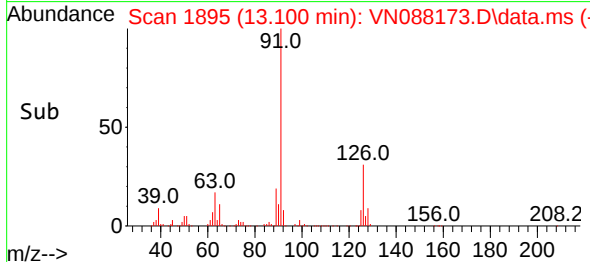
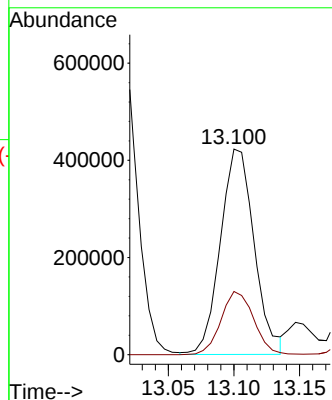
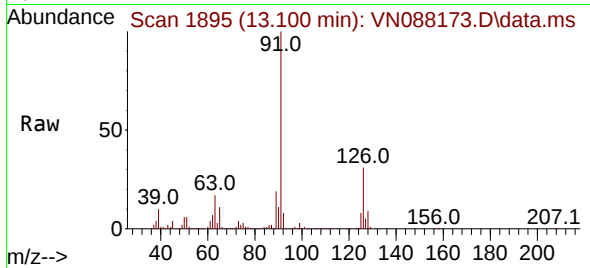
#79
2-Chlorotoluene
Concen: 56.614 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 758918
Ion Ratio Lower Upper
91 100
126 29.9 16.1 48.3

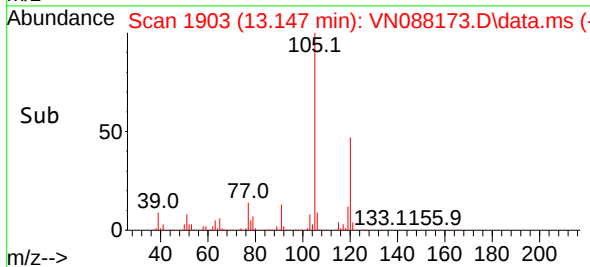
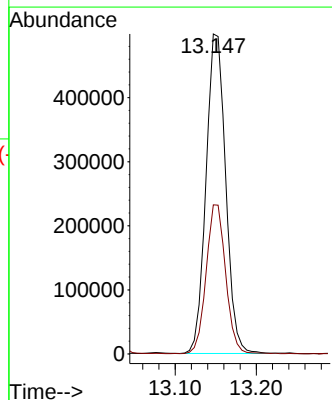
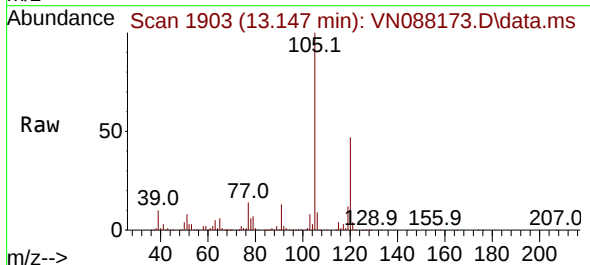
Manual Integrations
APPROVED

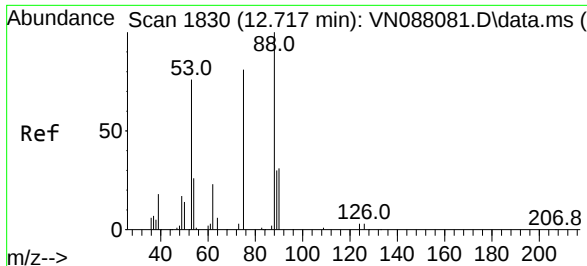
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.310 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

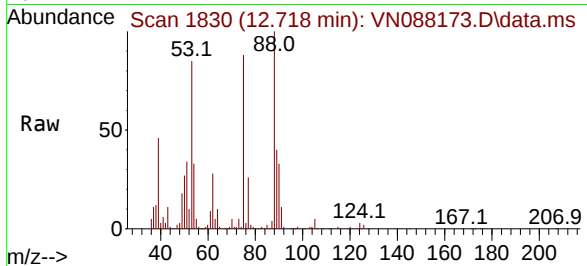
Tgt Ion:105 Resp: 836803
Ion Ratio Lower Upper
105 100
120 46.4 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 56.448 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

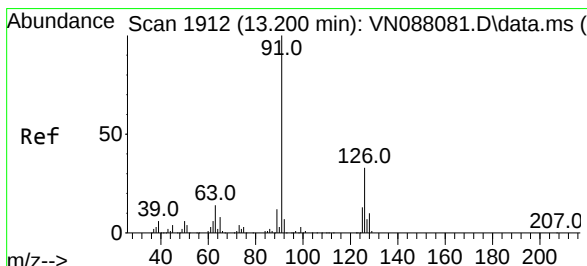
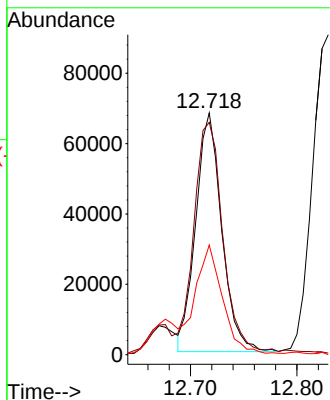
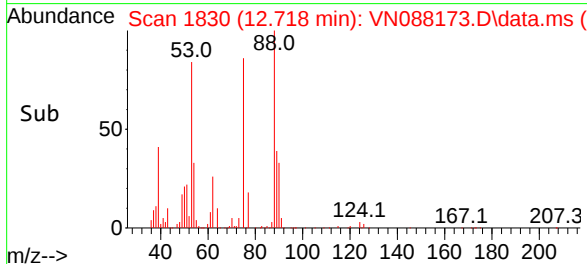
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 11554
Ion Ratio Lower Upper
75 100
53 110.8 101.8 152.6
89 48.1 35.6 53.4

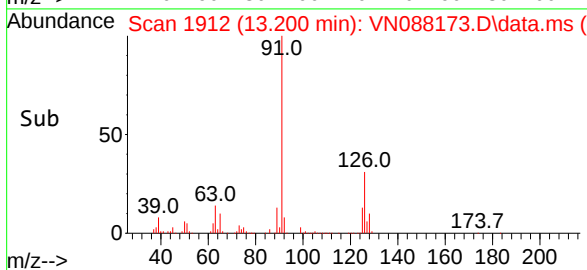
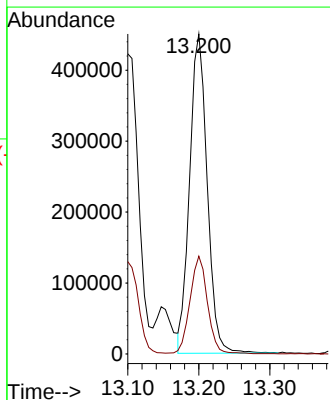
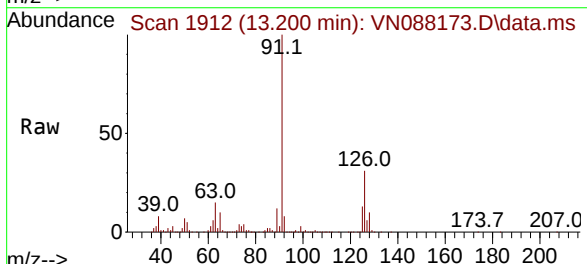
Manual Integrations
APPROVED

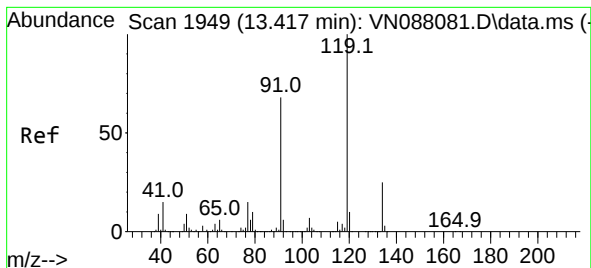
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#82
4-Chlorotoluene
Concen: 53.449 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

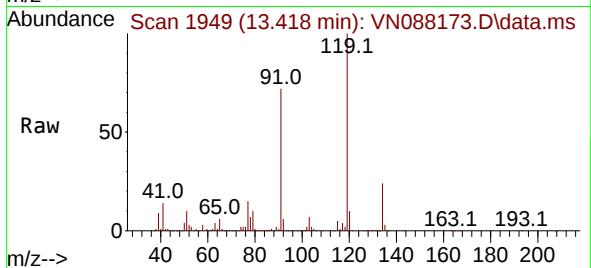
Tgt Ion: 91 Resp: 775166
Ion Ratio Lower Upper
91 100
126 30.6 15.6 46.8





#83
tert-Butylbenzene
Concen: 49.424 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

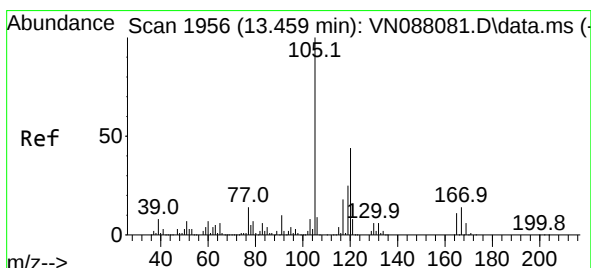
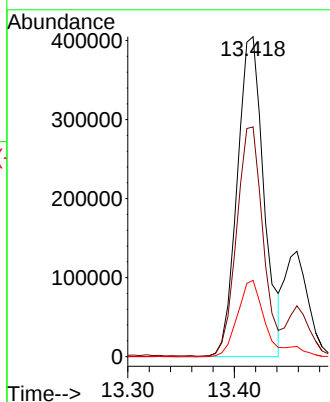
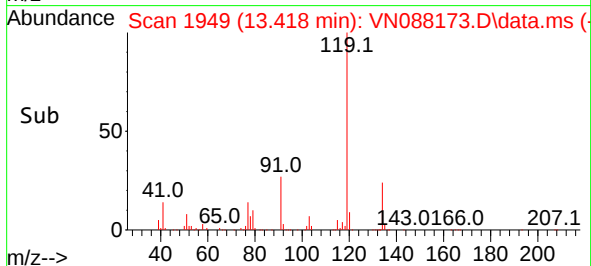
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 706274
Ion Ratio Lower Upper
119 100
91 70.4 35.0 105.0
134 25.6 12.6 37.8

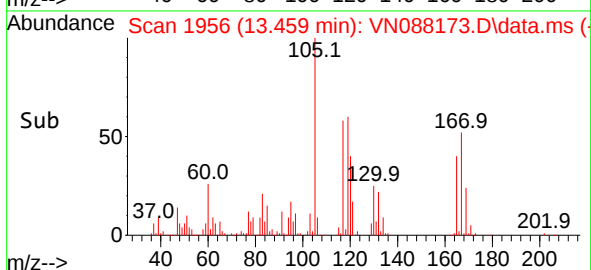
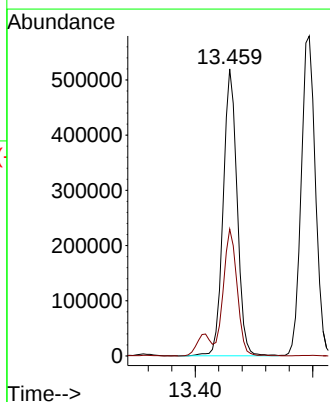
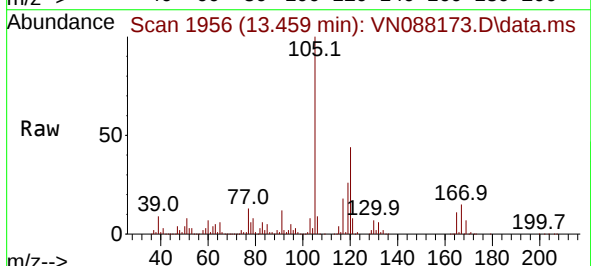
Manual Integrations
APPROVED

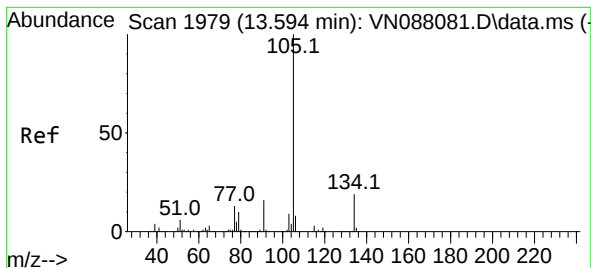
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#84
1,2,4-Trimethylbenzene
Concen: 53.443 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

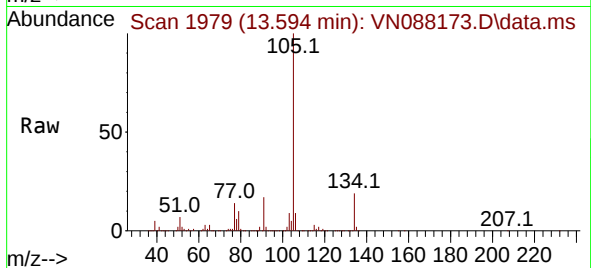
Tgt Ion:105 Resp: 855374
Ion Ratio Lower Upper
105 100
120 43.7 22.0 66.0





#85
sec-Butylbenzene
Concen: 46.347 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

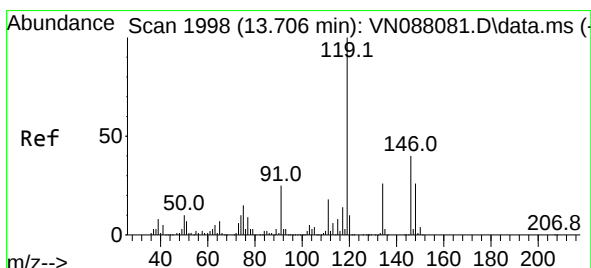
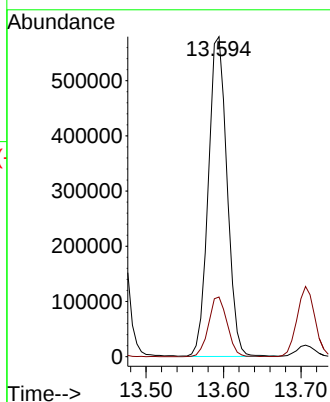
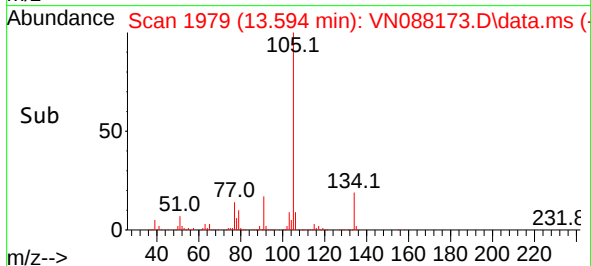
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



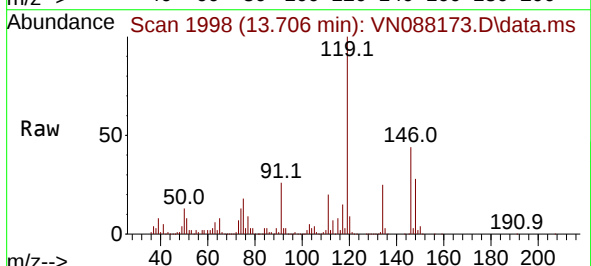
Tgt Ion:105 Resp: 973068
Ion Ratio Lower Upper
105 100
134 18.6 9.6 28.6

Manual Integrations
APPROVED

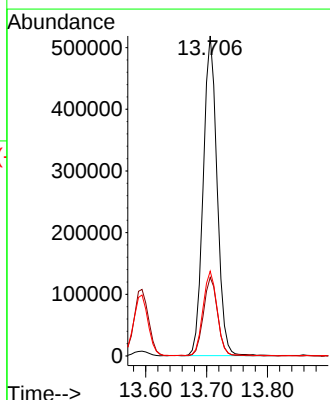
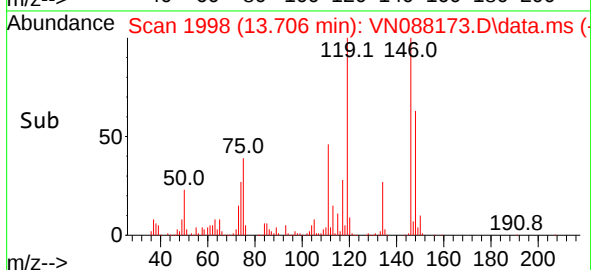
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

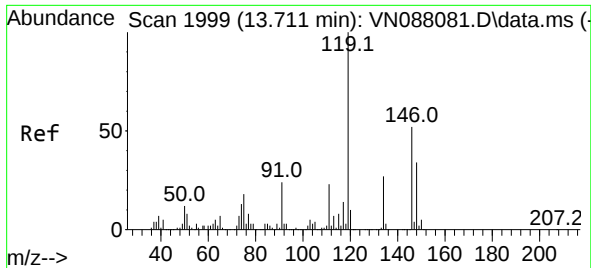


#86
p-Isopropyltoluene
Concen: 48.545 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18



Tgt Ion:119 Resp: 817622
Ion Ratio Lower Upper
119 100
134 24.9 12.7 38.0
91 26.9 12.5 37.5





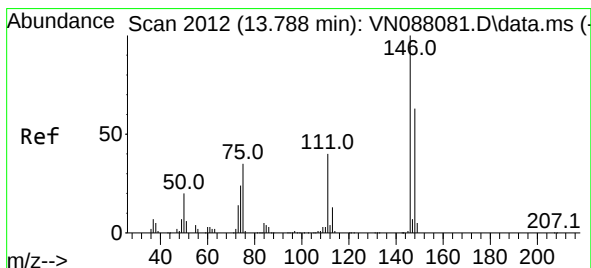
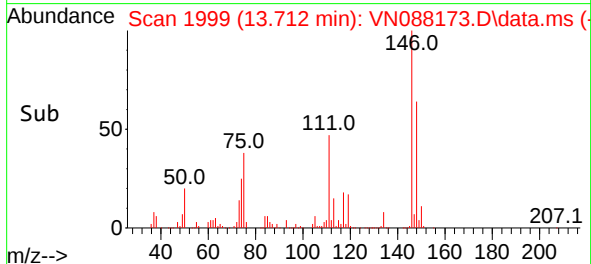
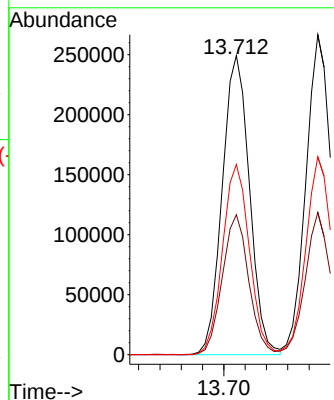
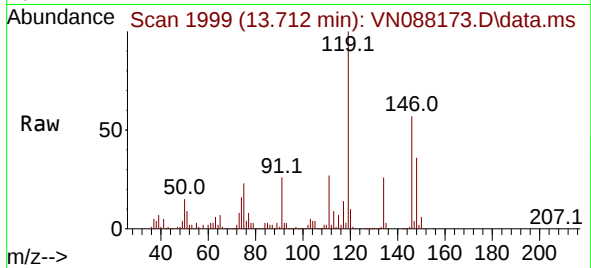
#87
 1,3-Dichlorobenzene
 Concen: 53.437 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN088173.D
 Acq: 31 Oct 2025 09:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 443090
 Ion Ratio Lower Upper
 146 100
 111 45.4 22.1 66.5
 148 63.0 32.0 96.2

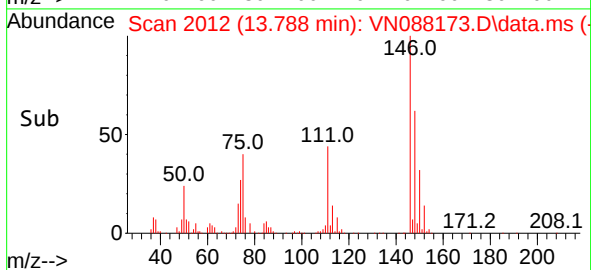
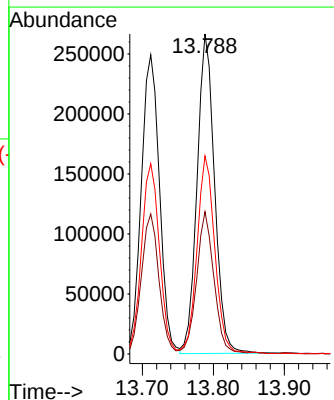
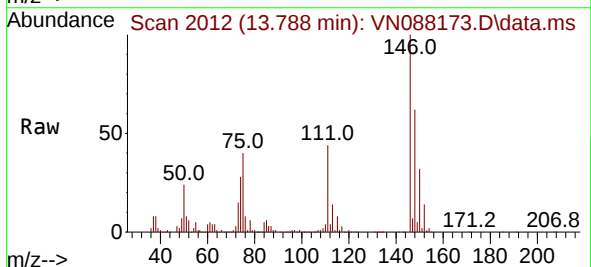
Manual Integrations
 APPROVED

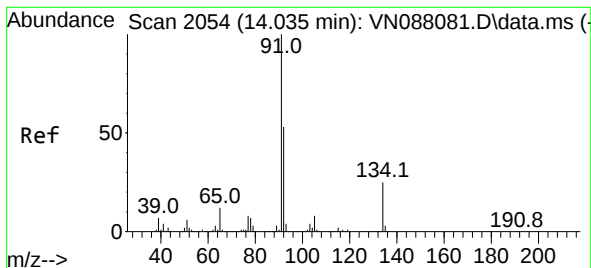
Reviewed By :Amit Patel 11/03/2025
 Supervised By :Semsettin Yesilyurt 11/03/2025



#88
 1,4-Dichlorobenzene
 Concen: 51.315 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN088173.D
 Acq: 31 Oct 2025 09:18

Tgt Ion:146 Resp: 456997
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.0 63.0
 148 63.0 32.0 96.0





#89

n-Butylbenzene

Concen: 45.407 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN088173.D

Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

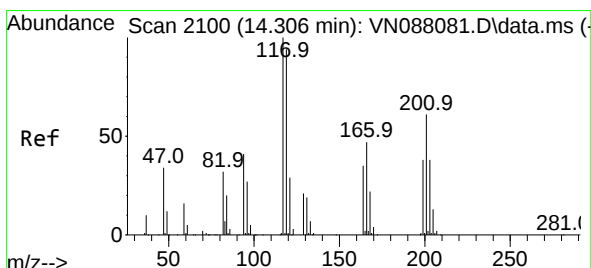
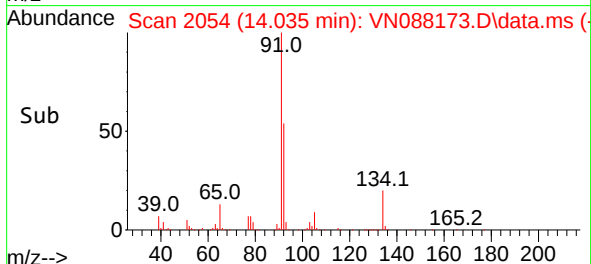
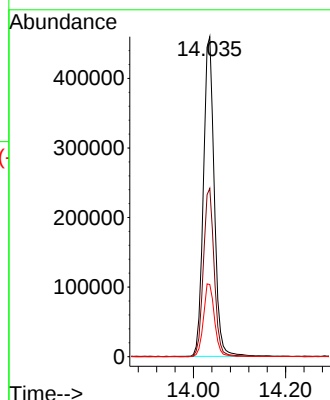
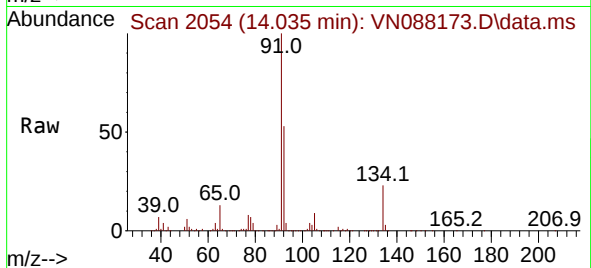
Tgt Ion: 91 Resp: 757528
 Ion Ratio Lower Upper
 91 100
 92 52.6 25.9 77.8
 134 23.1 11.7 35.0

Manual Integrations

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Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#90

Hexachloroethane

Concen: 46.408 ug/l

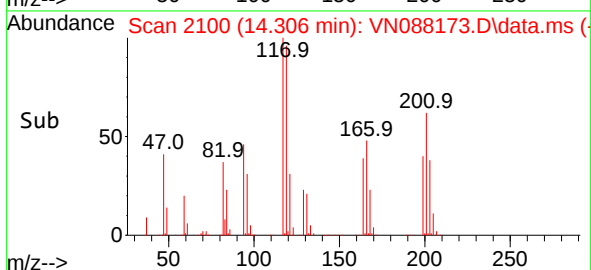
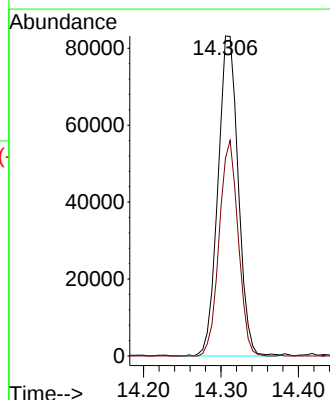
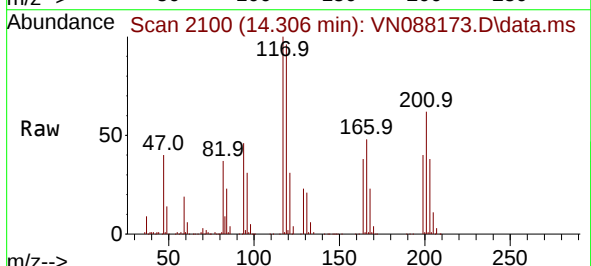
RT: 14.306 min Scan# 2100

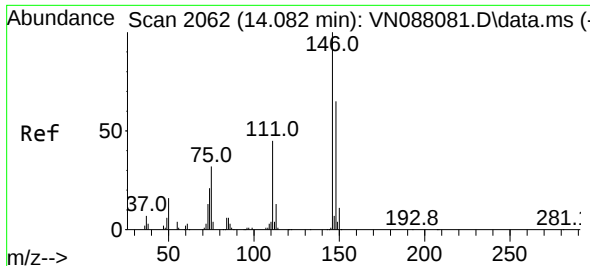
Delta R.T. -0.006 min

Lab File: VN088173.D

Acq: 31 Oct 2025 09:18

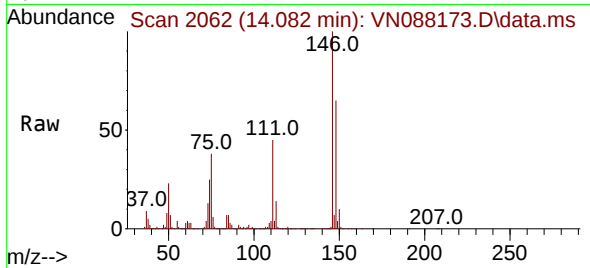
Tgt Ion:117 Resp: 151364
 Ion Ratio Lower Upper
 117 100
 201 63.1 29.1 87.4





#91
1,2-Dichlorobenzene
Concen: 52.921 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

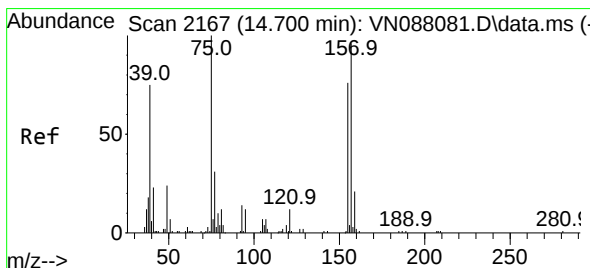
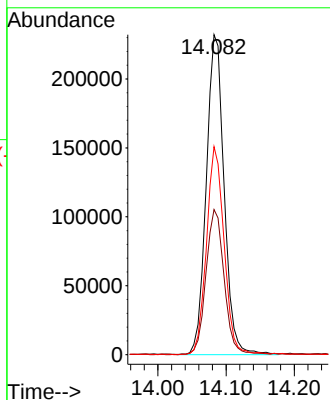
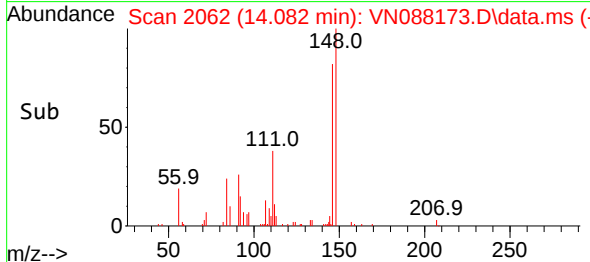
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



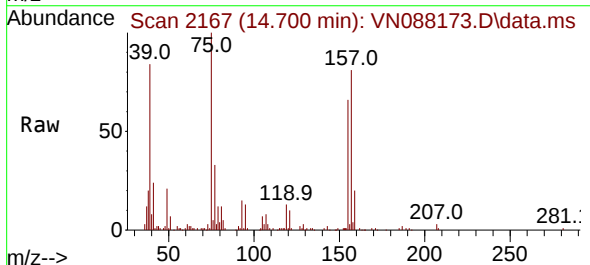
Tgt Ion:146 Resp: 422989
Ion Ratio Lower Upper
146 100
111 46.5 22.6 67.8
148 64.2 31.9 95.9

Manual Integrations
APPROVED

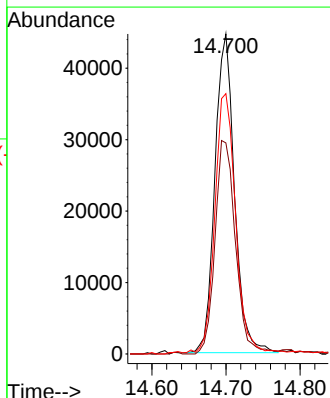
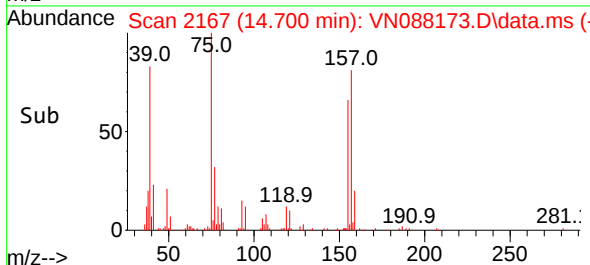
Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025

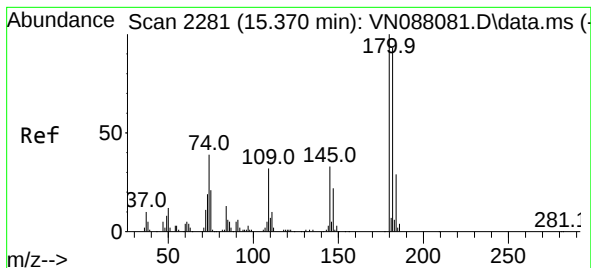


#92
1,2-Dibromo-3-Chloropropane
Concen: 58.659 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18



Tgt Ion: 75 Resp: 81875
Ion Ratio Lower Upper
75 100
155 70.2 36.6 109.9
157 85.5 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 49.180 ug/l

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN088173.D

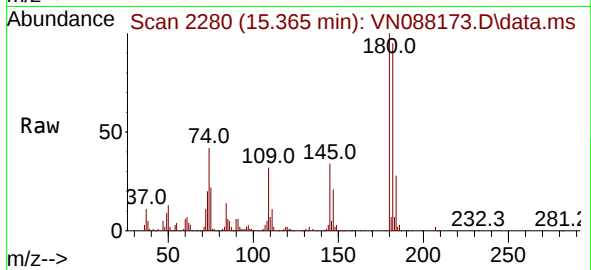
Acq: 31 Oct 2025 09:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 23806

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

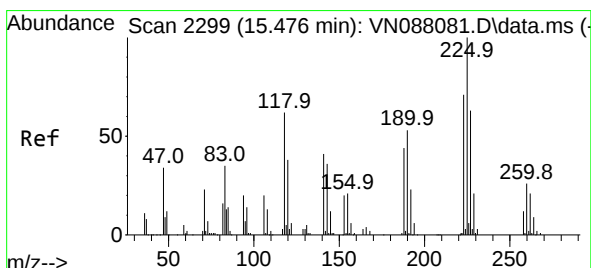
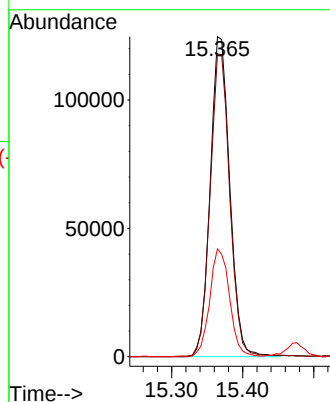
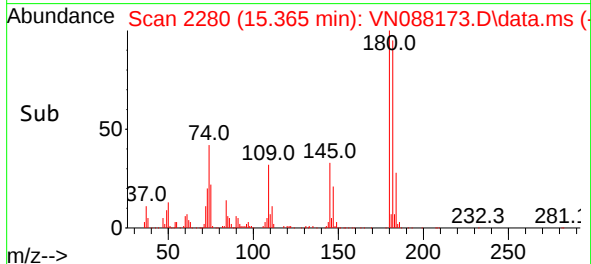
145 34.3 16.5 49.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/03/2025

Supervised By :Semsettin Yesilyurt 11/03/2025



#94

Hexachlorobutadiene

Concen: 41.349 ug/l

RT: 15.476 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VN088173.D

Acq: 31 Oct 2025 09:18

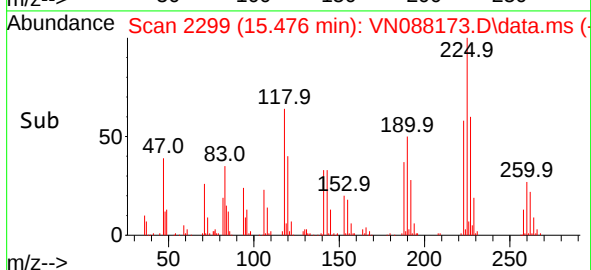
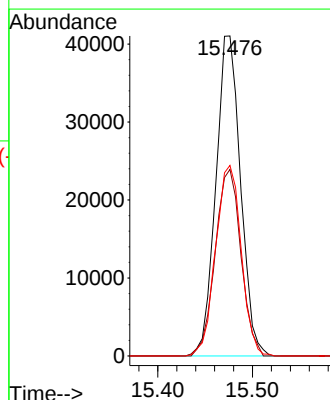
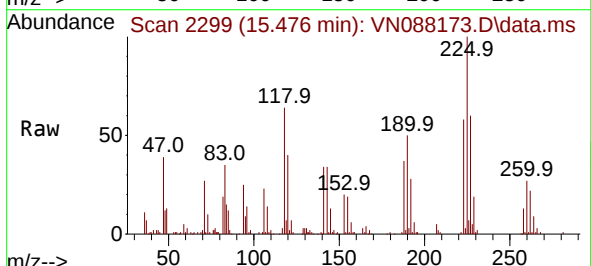
Tgt Ion:225 Resp: 74537

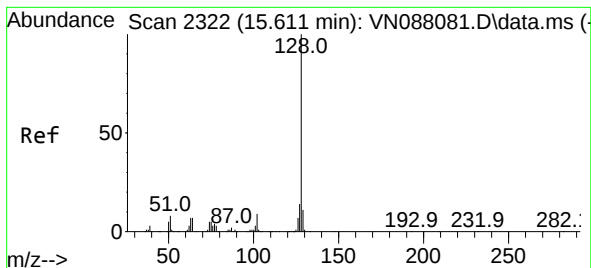
Ion Ratio Lower Upper

225 100

223 60.5 32.0 96.2

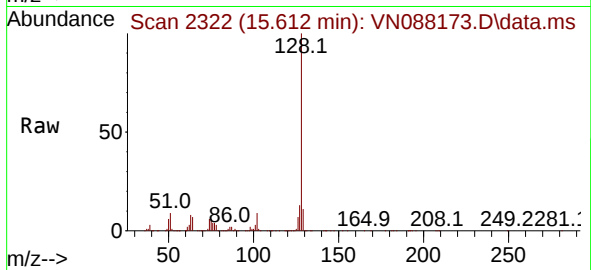
227 61.6 32.1 96.5





#95
Naphthalene
Concen: 53.823 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18

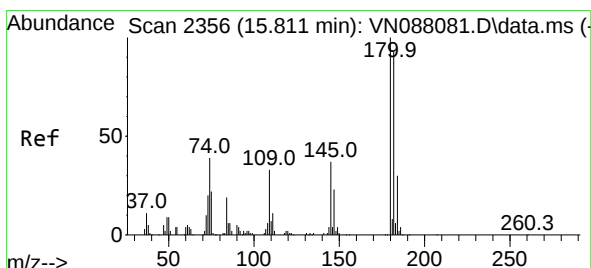
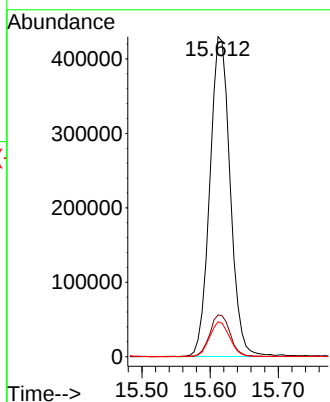
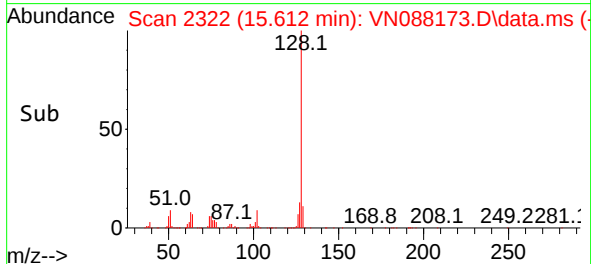
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



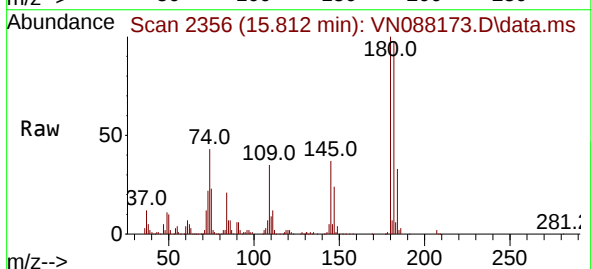
Tgt Ion:128 Resp: 892539
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Amit Patel 11/03/2025
Supervised By :Semsettin Yesilyurt 11/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 48.784 ug/l
RT: 15.812 min Scan# 2356
Delta R.T. 0.000 min
Lab File: VN088173.D
Acq: 31 Oct 2025 09:18



Tgt Ion:180 Resp: 226425
Ion Ratio Lower Upper
180 100
182 93.2 46.8 140.3
145 37.8 17.3 52.0

