

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086864.D
 Acq On : 06 Jun 2025 13:40
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Jun 07 01:56:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 01:51:02 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	224006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	418154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	363172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	181178	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	63390	21.136	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	42.280%#
35) Dibromofluoromethane	8.177	113	51797	20.902	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	41.800%#
50) Toluene-d8	10.571	98	201268	20.516	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	41.040%#
62) 4-Bromofluorobenzene	12.853	95	74622	20.474	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	40.940%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.159	85	48254	21.605	ug/l	92
3) Chloromethane	2.401	50	57778	20.033	ug/l	93
4) Vinyl Chloride	2.559	62	61254	20.589	ug/l	99
5) Bromomethane	3.006	94	34022	20.435	ug/l	95
6) Chloroethane	3.159	64	39625	20.619	ug/l	99
7) Trichlorofluoromethane	3.524	101	80978	20.832	ug/l	94
8) Diethyl Ether	3.983	74	34288	20.245	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.395	101	50458	20.661	ug/l	98
10) Methyl Iodide	4.612	142	65360	20.646	ug/l	98
11) Tert butyl alcohol	5.547	59	87102	107.031	ug/l	99
12) 1,1-Dichloroethene	4.359	96	50485	20.249	ug/l	96
13) Acrolein	4.200	56	22866	88.767	ug/l	97
14) Allyl chloride	5.047	41	82924	20.055	ug/l	98
15) Acrylonitrile	5.742	53	199498	104.881	ug/l	99
16) Acetone	4.447	43	163979	103.099	ug/l	98
17) Carbon Disulfide	4.736	76	138195	20.038	ug/l	97
18) Methyl Acetate	5.047	43	96547	20.830	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	183780	20.358	ug/l	98
20) Methylene Chloride	5.294	84	57611	19.348	ug/l	98
21) trans-1,2-Dichloroethene	5.806	96	55643	20.059	ug/l	94
22) Diisopropyl ether	6.689	45	182472	20.935	ug/l	98
23) Vinyl Acetate	6.624	43	768556	104.365	ug/l	99
24) 1,1-Dichloroethane	6.583	63	103578	20.650	ug/l	99
25) 2-Butanone	7.494	43	270477	104.621	ug/l	100
26) 2,2-Dichloropropane	7.506	77	69692	17.862	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	68292	20.585	ug/l	98
28) Bromochloromethane	7.824	49	55196	22.381	ug/l	99
29) Tetrahydrofuran	7.853	42	178571	106.031	ug/l	99
30) Chloroform	7.977	83	102615	20.485	ug/l	93
31) Cyclohexane	8.271	56	100026	20.563	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	86810	20.376	ug/l	98
36) 1,1-Dichloropropene	8.383	75	73252	19.838	ug/l	100
37) Ethyl Acetate	7.571	43	96467	20.522	ug/l	98
38) Carbon Tetrachloride	8.377	117	72628	20.034	ug/l	97
39) Methylcyclohexane	9.606	83	98425	19.455	ug/l	99
40) Benzene	8.612	78	241444	19.996	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	53244	20.169	ug/l	98
42) 1,2-Dichloroethane	8.677	62	74238	20.270	ug/l	100
43) Isopropyl Acetate	8.694	43	151601	20.094	ug/l	99
44) Trichloroethene	9.359	130	57110	19.946	ug/l	96
45) 1,2-Dichloropropane	9.630	63	59293	20.184	ug/l	97
46) Dibromomethane	9.712	93	40290	20.648	ug/l	98
47) Bromodichloromethane	9.894	83	80353	20.015	ug/l	98
48) Methyl methacrylate	9.682	41	70457	20.290	ug/l	97
49) 1,4-Dioxane	9.706	88	28231	446.886	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	481741	106.066	ug/l	99
52) Toluene	10.635	92	148000	20.056	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	87683	19.532	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	94315	19.636	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	57195	20.143	ug/l	99
56) Ethyl methacrylate	10.882	69	94829	20.968	ug/l	98
57) 1,3-Dichloropropane	11.165	76	98205	19.938	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	278986	103.426	ug/l	99
59) 2-Hexanone	11.206	43	303686	103.803	ug/l	95
60) Dibromochloromethane	11.359	129	59961	20.268	ug/l	99
61) 1,2-Dibromoethane	11.471	107	59139	20.320	ug/l	97
64) Tetrachloroethene	11.106	164	45374	19.742	ug/l	96
65) Chlorobenzene	11.894	112	160803	20.076	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	52069	20.223	ug/l	99
67) Ethyl Benzene	11.965	91	277087	20.083	ug/l	98
68) m/p-Xylenes	12.071	106	215378	40.780	ug/l	100
69) o-Xylene	12.400	106	102050	20.175	ug/l	98
70) Styrene	12.412	104	178061	20.572	ug/l	99
71) Bromoform	12.576	173	40070	21.004	ug/l #	99
73) Isopropylbenzene	12.694	105	264442	20.035	ug/l	100
74) N-amyl acetate	12.523	43	86003	19.633	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	92264	20.634	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	122897	28.448	ug/l	69
77) Bromobenzene	12.982	156	60877	20.111	ug/l	98
78) n-propylbenzene	13.035	91	322436	20.102	ug/l	100
79) 2-Chlorotoluene	13.123	91	193774	20.144	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	219937	20.183	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	37808	20.209	ug/l	92
82) 4-Chlorotoluene	13.223	91	193544	19.885	ug/l	99
83) tert-Butylbenzene	13.435	119	198303	19.880	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	221990	20.315	ug/l	100
85) sec-Butylbenzene	13.617	105	292563	20.196	ug/l	100
86) p-Isopropyltoluene	13.729	119	240682	20.099	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	120099	20.166	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	120102	19.780	ug/l	97
89) n-Butylbenzene	14.053	91	227536	19.617	ug/l	100
90) Hexachloroethane	14.335	117	41202	20.299	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	115645	20.212	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	21025	19.661	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	71826	19.659	ug/l	98
94) Hexachlorobutadiene	15.500	225	27887	20.486	ug/l	97
95) Naphthalene	15.641	128	272584	20.043	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	71929	19.815	ug/l	99

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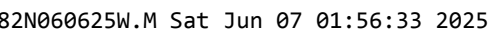
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MSVOA_N
ClientSampleId :
VSTDICC020

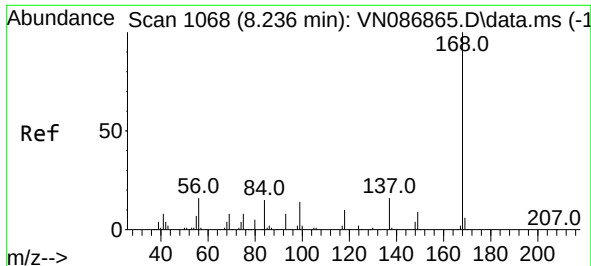
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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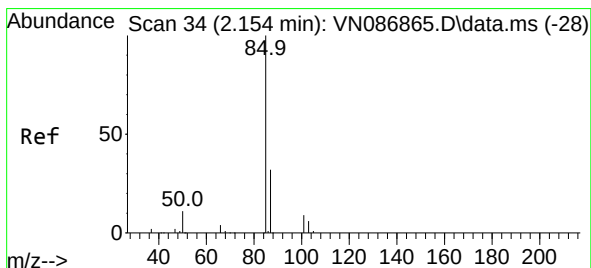
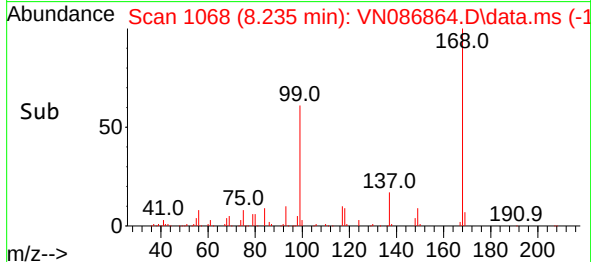
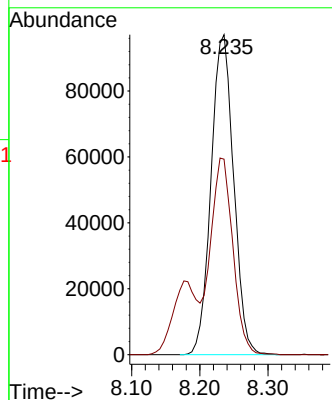
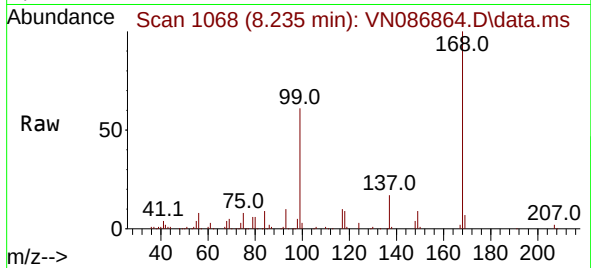




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 11
Delta R.T. -0.001 min
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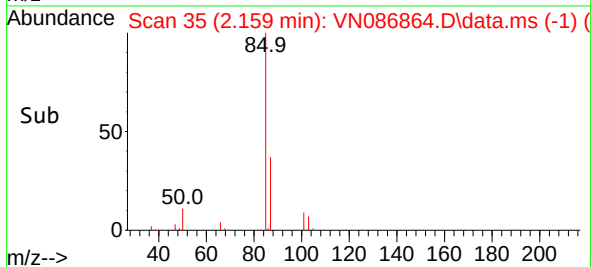
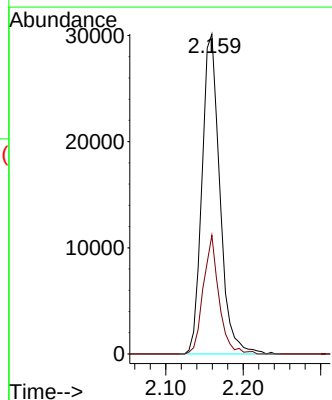
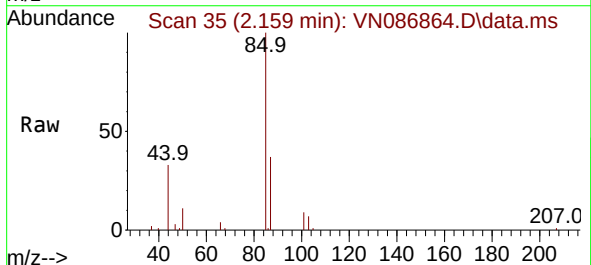
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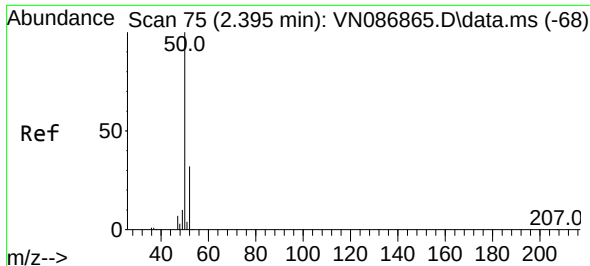
Tgt Ion:168 Resp: 224006
Ion Ratio Lower Upper
168 100
99 61.1 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 21.605 ug/l
RT: 2.159 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 85 Resp: 48254
Ion Ratio Lower Upper
85 100
87 37.1 16.2 48.6

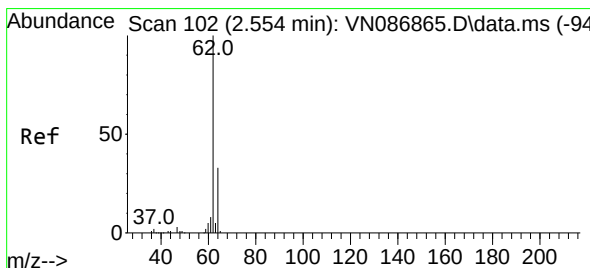
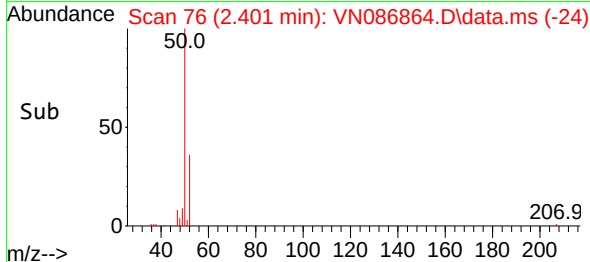
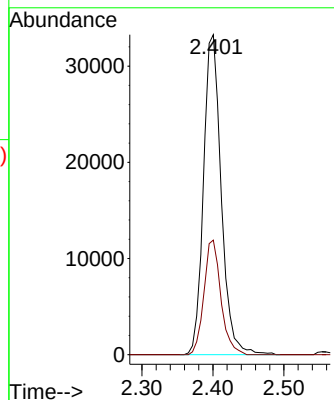
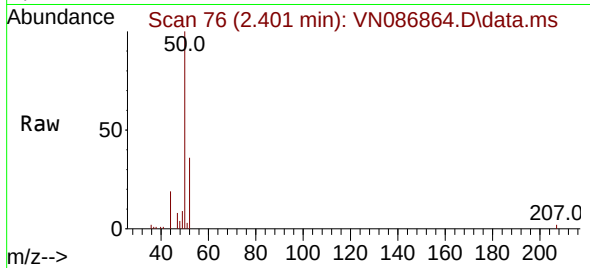




#3
Chloromethane
Concen: 20.033 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

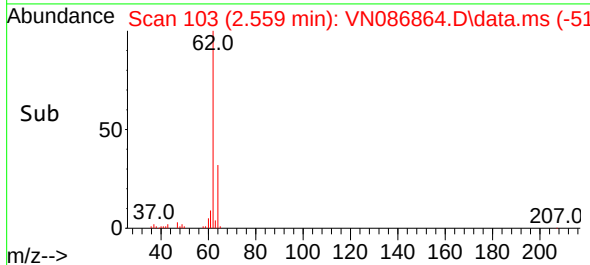
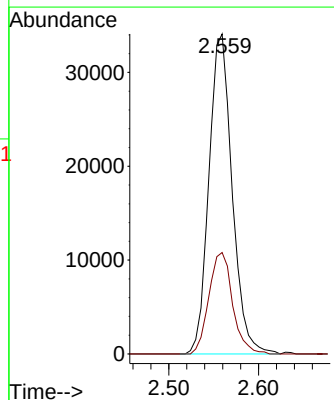
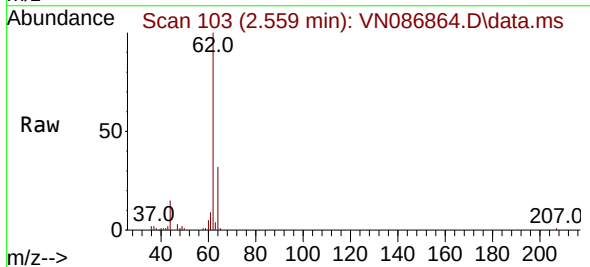
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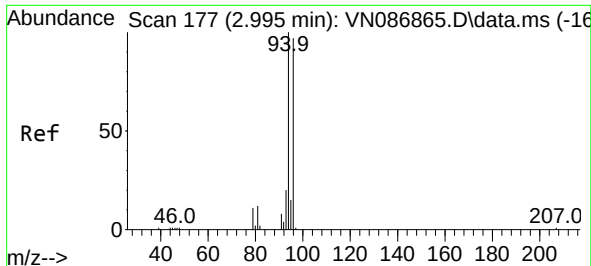
Tgt Ion: 50 Resp: 57778
Ion Ratio Lower Upper
50 100
52 35.8 25.7 38.5



#4
Vinyl Chloride
Concen: 20.589 ug/l
RT: 2.559 min Scan# 103
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 62 Resp: 61254
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0

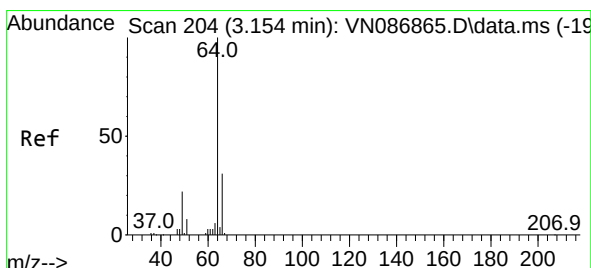
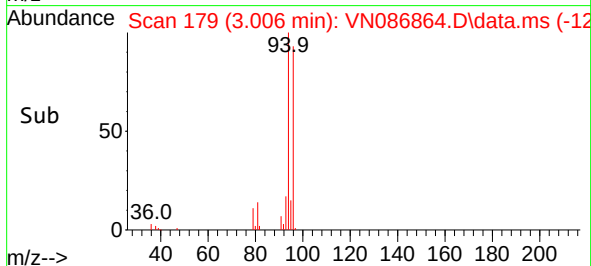
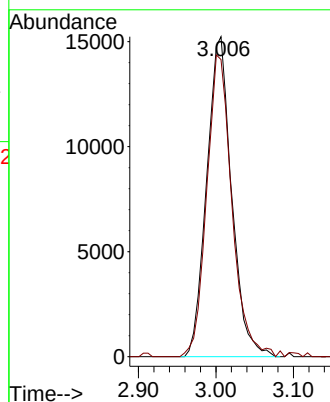
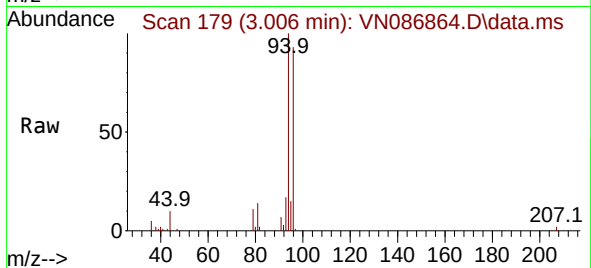




#5
Bromomethane
Concen: 20.435 ug/l
RT: 3.006 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

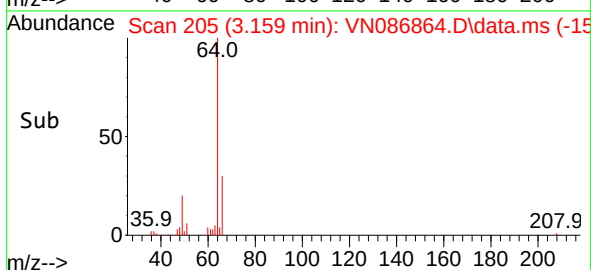
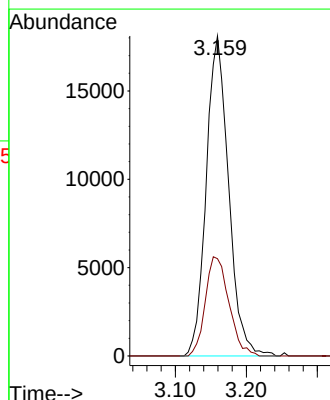
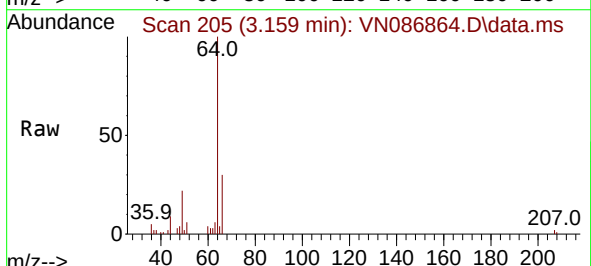
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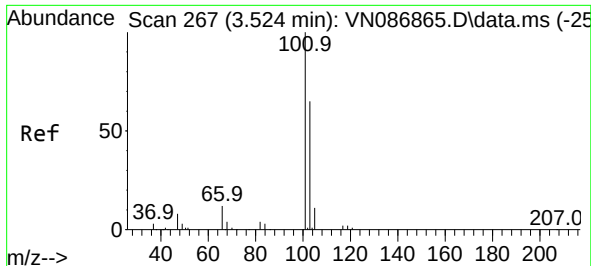
Tgt Ion: 94 Resp: 34022
Ion Ratio Lower Upper
94 100
96 92.9 77.9 116.9



#6
Chloroethane
Concen: 20.619 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 64 Resp: 39625
Ion Ratio Lower Upper
64 100
66 30.4 24.6 36.8

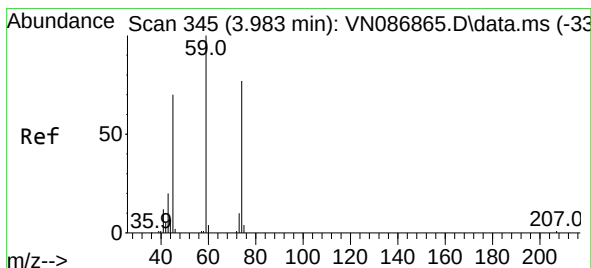
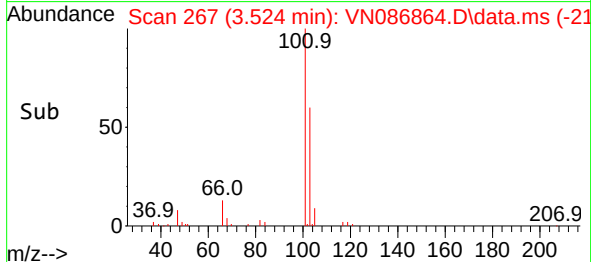
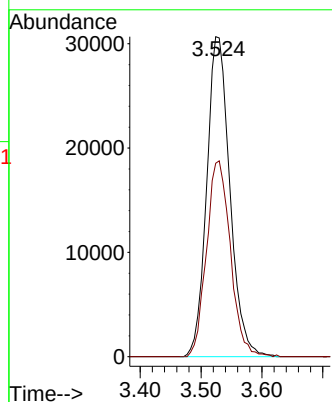
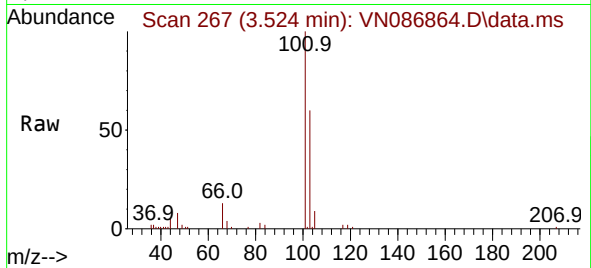




#7
 Trichlorofluoromethane
 Concen: 20.832 ug/l
 RT: 3.524 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086864.D
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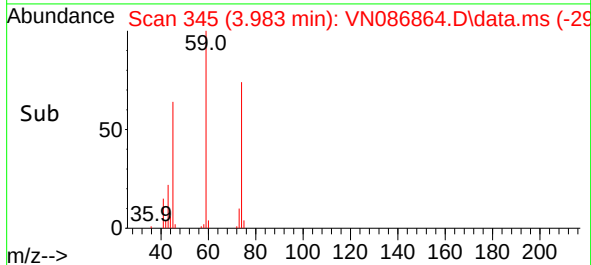
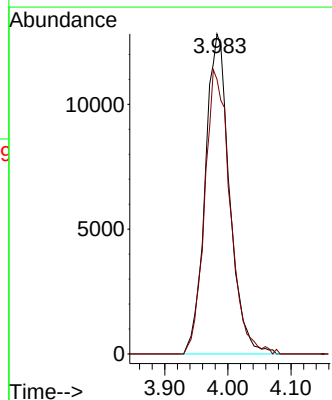
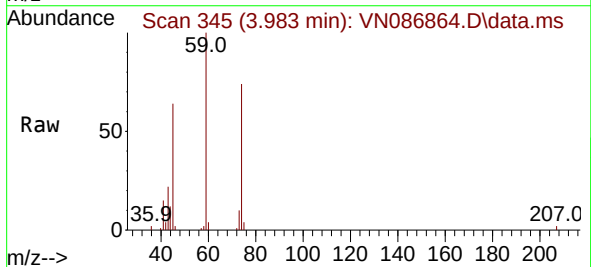
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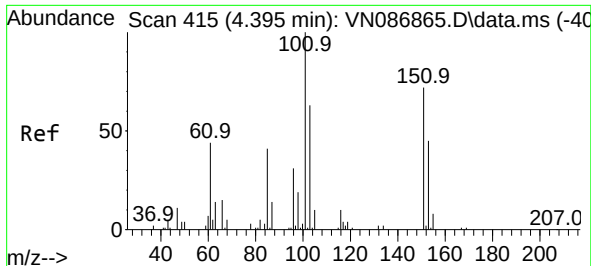
Tgt Ion:101 Resp: 80978
 Ion Ratio Lower Upper
 101 100
 103 60.4 52.2 78.2



#8
 Diethyl Ether
 Concen: 20.245 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN086864.D
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Tgt Ion: 74 Resp: 34288
 Ion Ratio Lower Upper
 74 100
 45 92.9 45.5 136.5

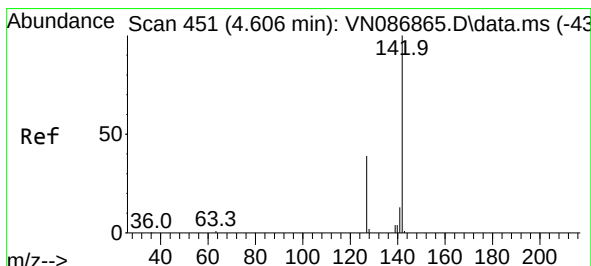
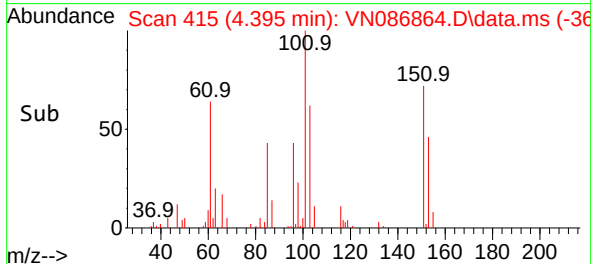
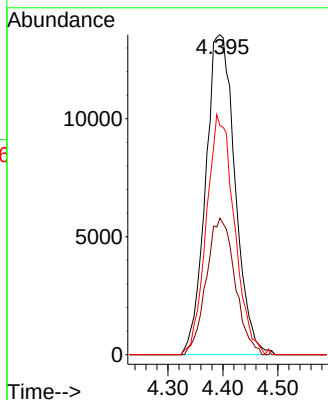
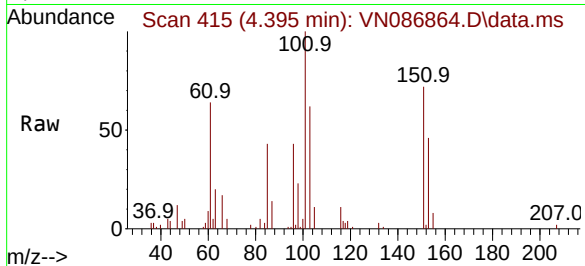




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.661 ug/l
RT: 4.395 min Scan# 415
Delta R.T. -0.000 min
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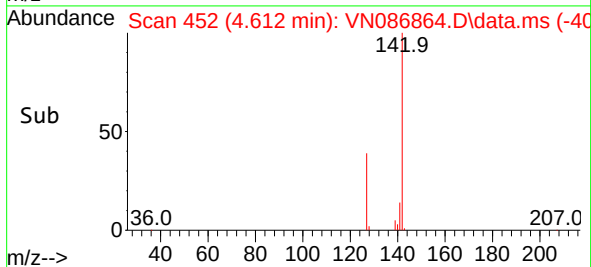
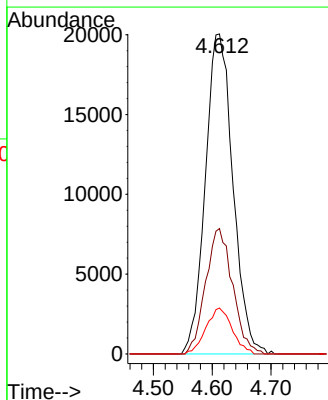
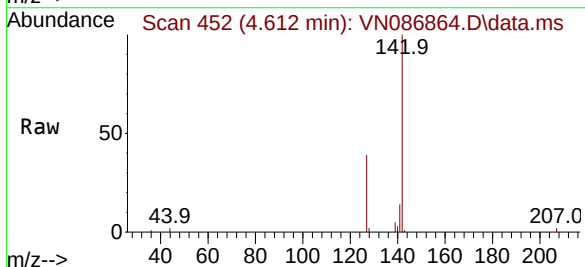
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

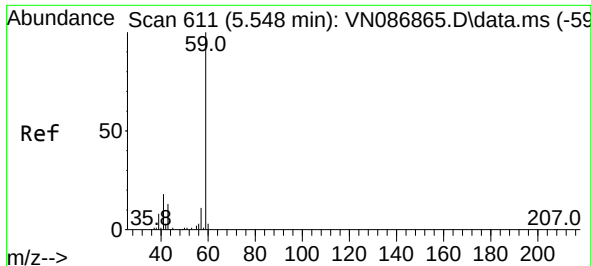
Tgt Ion:101 Resp: 50458
Ion Ratio Lower Upper
101 100
85 41.7 33.8 50.8
151 71.3 58.7 88.1



#10
Methyl Iodide
Concen: 20.646 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:142 Resp: 65360
Ion Ratio Lower Upper
142 100
127 39.2 30.9 46.3
141 14.3 10.4 15.6

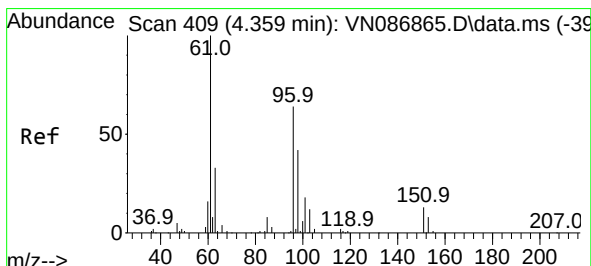
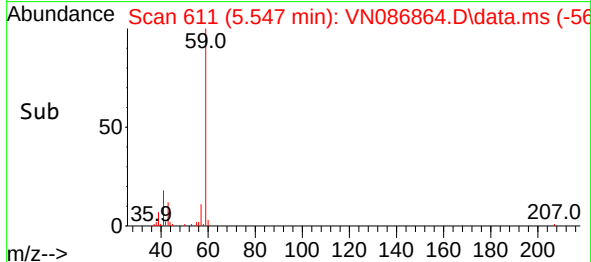
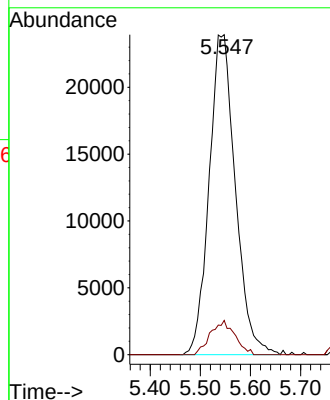
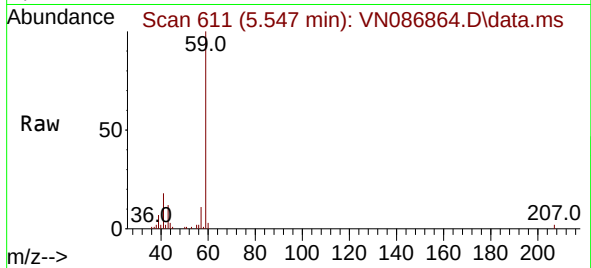




#11
Tert butyl alcohol
Concen: 107.031 ug/l
RT: 5.547 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

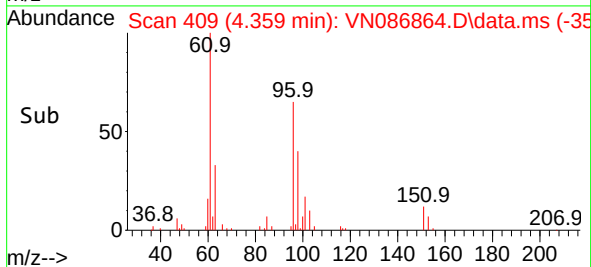
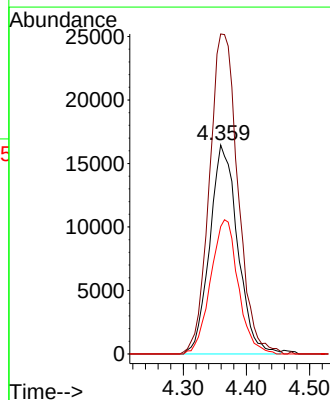
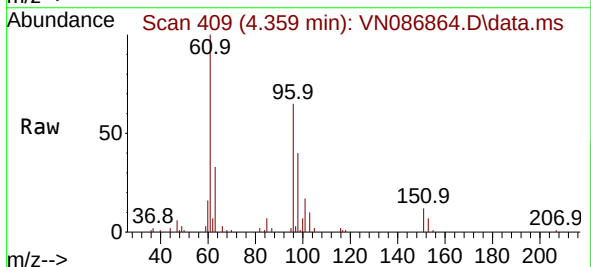
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

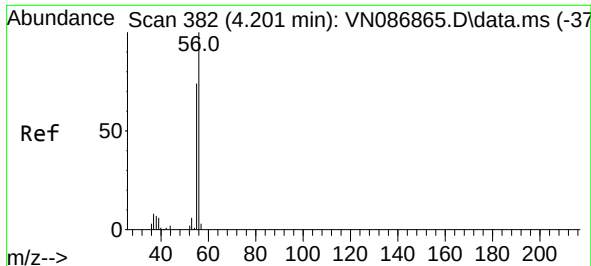
Tgt Ion: 59 Resp: 87102
Ion Ratio Lower Upper
59 100
57 9.9 8.1 12.1



#12
1,1-Dichloroethene
Concen: 20.249 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 96 Resp: 50485
Ion Ratio Lower Upper
96 100
61 153.1 125.8 188.6
98 61.0 52.5 78.7





#13

Acrolein

Concen: 88.767 ug/l

RT: 4.200 min Scan# 382

Delta R.T. -0.000 min

Lab File: VN086864.D

Acq: 06 Jun 2025 13:40

Instrument :

MSVOA_N

ClientSampleId :

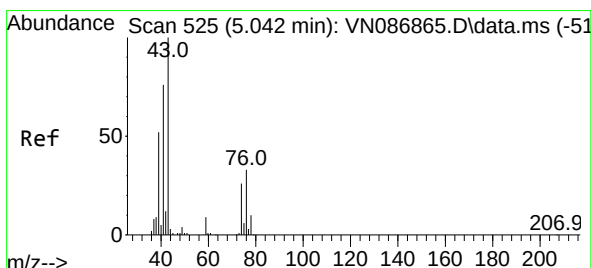
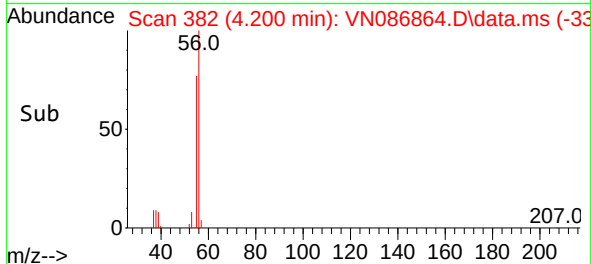
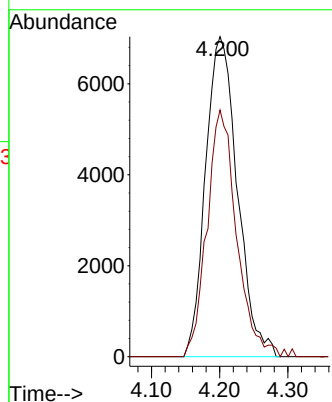
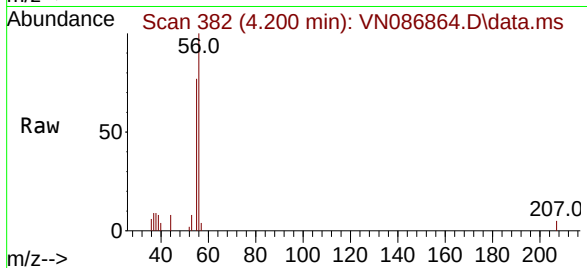
VSTDICC020

Tgt Ion: 56 Resp: 22866

Ion Ratio Lower Upper

56 100

55 71.6 55.6 83.4



#14

Allyl chloride

Concen: 20.055 ug/l

RT: 5.047 min Scan# 526

Delta R.T. 0.006 min

Lab File: VN086864.D

Acq: 06 Jun 2025 13:40

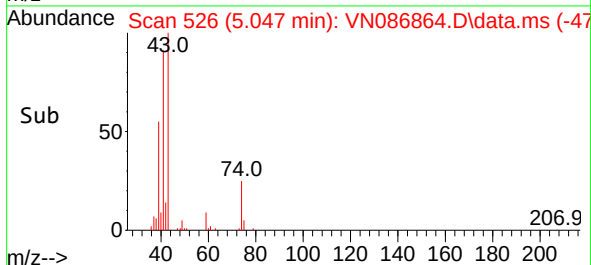
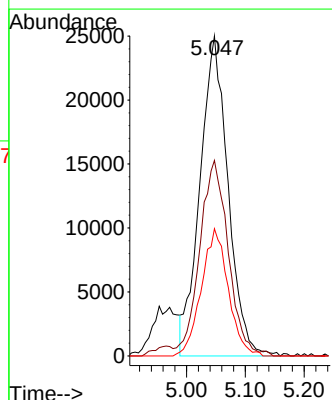
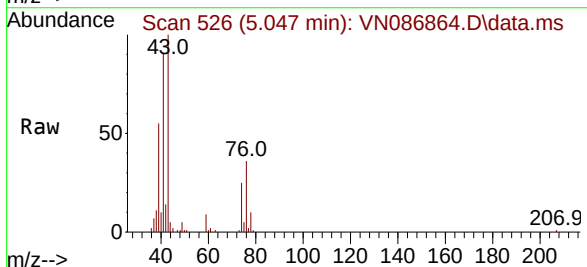
Tgt Ion: 41 Resp: 82924

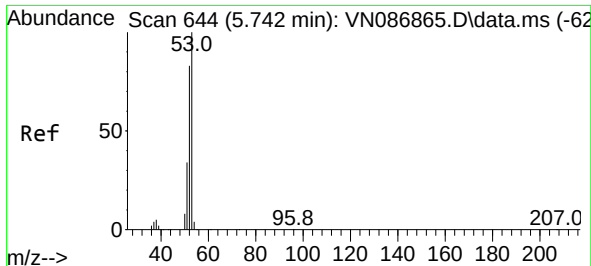
Ion Ratio Lower Upper

41 100

39 62.6 51.3 76.9

76 38.1 31.4 47.0

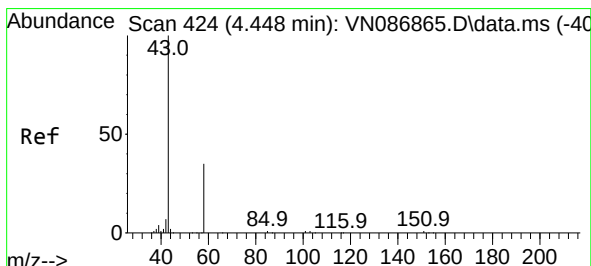
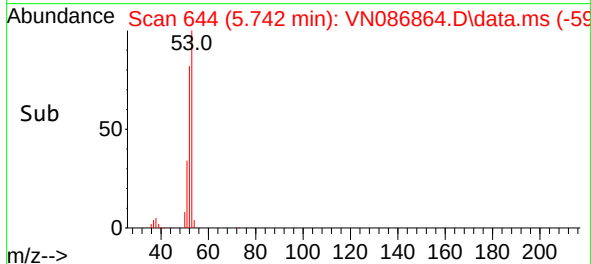
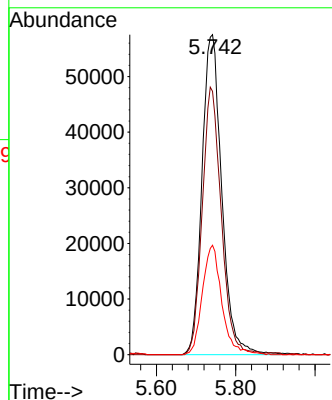
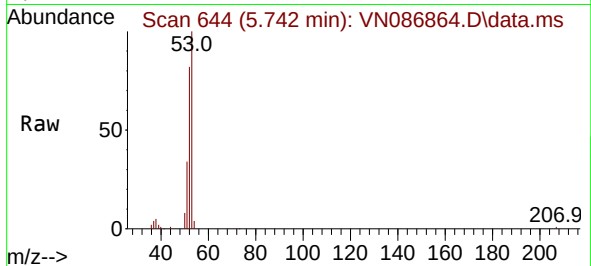




#15
Acrylonitrile
Concen: 104.881 ug/l
RT: 5.742 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

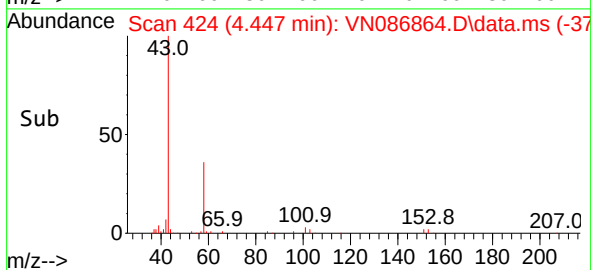
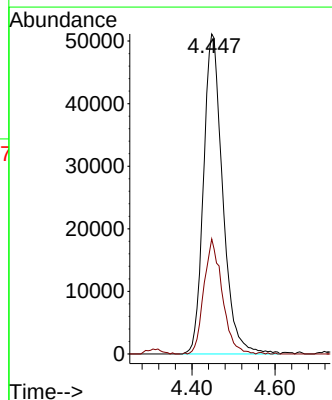
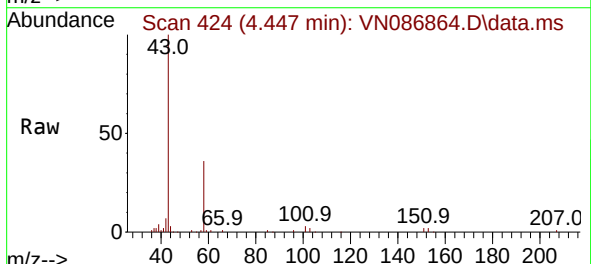
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

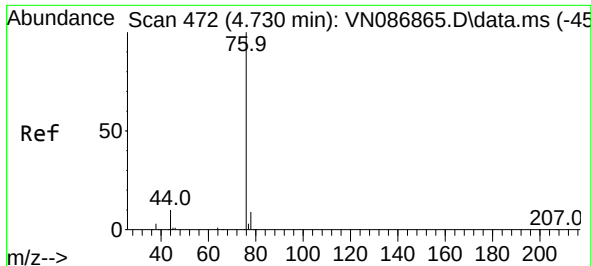
Tgt Ion: 53 Resp: 199498
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.6
51 33.7 27.2 40.8



#16
Acetone
Concen: 103.099 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 43 Resp: 163979
Ion Ratio Lower Upper
43 100
58 35.9 28.0 42.0





#17

Carbon Disulfide

Concen: 20.038 ug/l

RT: 4.736 min Scan# 473

Delta R.T. 0.006 min

Lab File: VN086864.D

Acq: 06 Jun 2025 13:40

Instrument :

MSVOA_N

ClientSampleId :

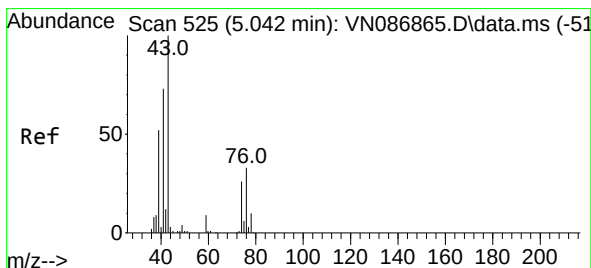
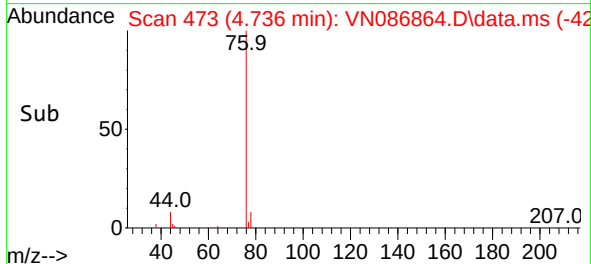
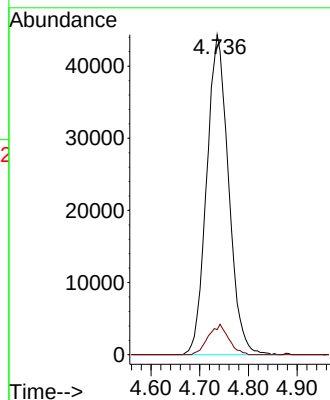
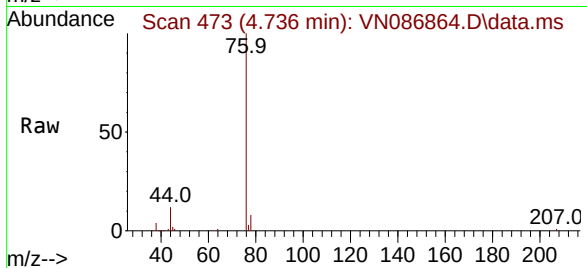
VSTDICC020

Tgt Ion: 76 Resp: 138195

Ion Ratio Lower Upper

76 100

78 7.8 7.3 10.9



#18

Methyl Acetate

Concen: 20.830 ug/l

RT: 5.047 min Scan# 526

Delta R.T. 0.006 min

Lab File: VN086864.D

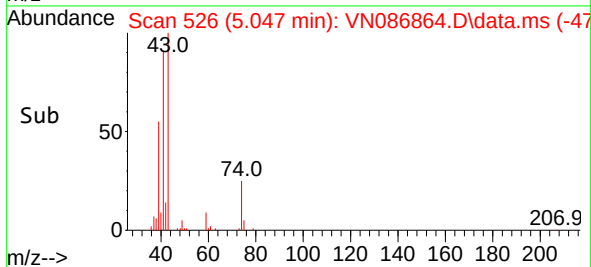
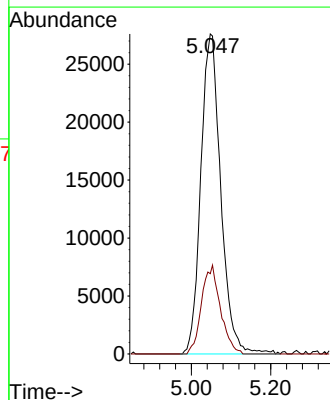
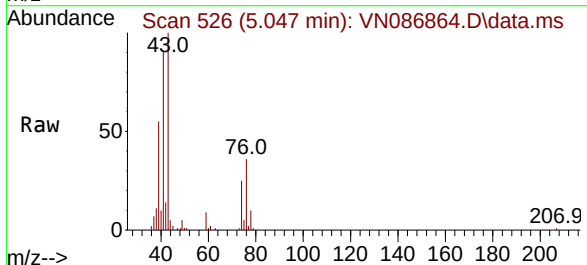
Acq: 06 Jun 2025 13:40

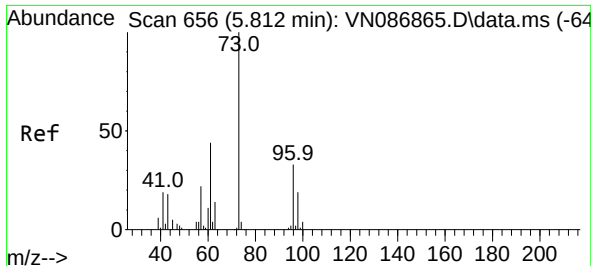
Tgt Ion: 43 Resp: 96547

Ion Ratio Lower Upper

43 100

74 26.2 20.7 31.1

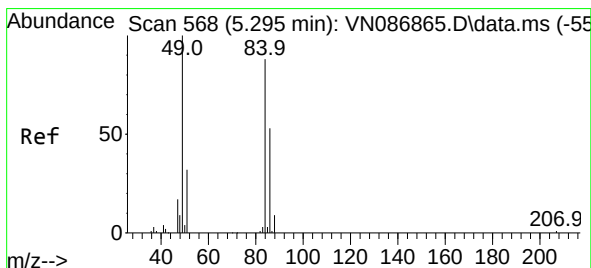
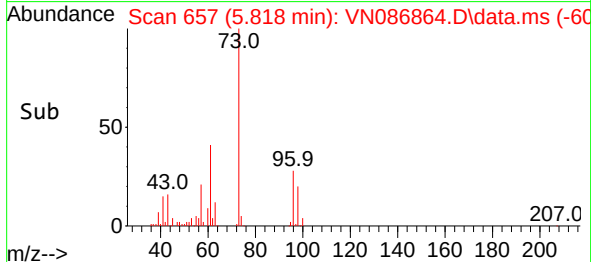
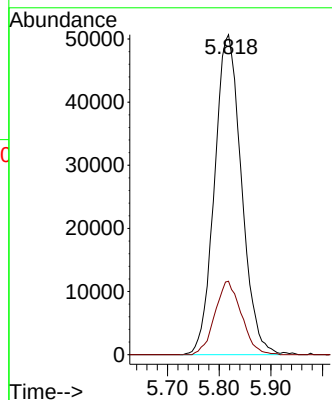
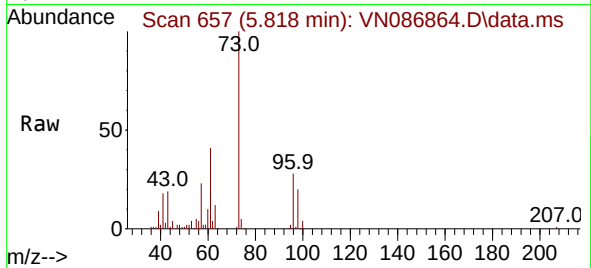




#19
Methyl tert-butyl Ether
Concen: 20.358 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

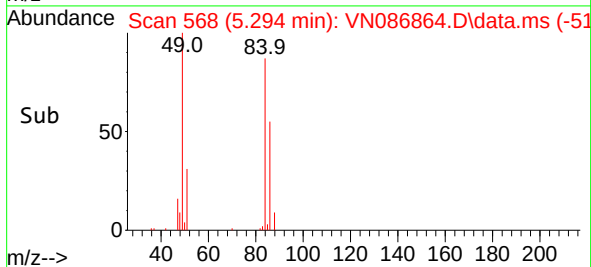
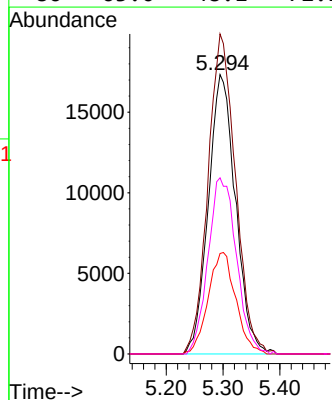
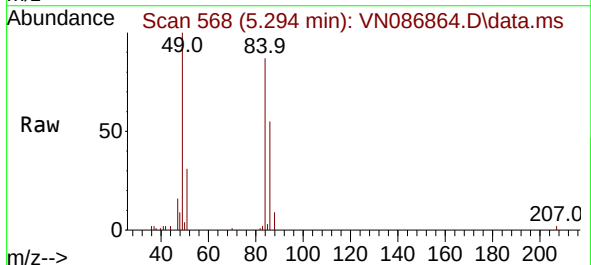
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

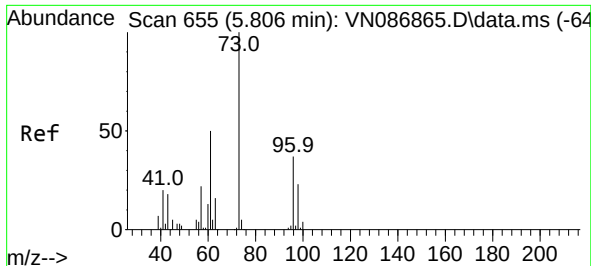
Tgt Ion: 73 Resp: 183780
Ion Ratio Lower Upper
73 100
57 22.9 17.4 26.2



#20
Methylene Chloride
Concen: 19.348 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 84 Resp: 57611
Ion Ratio Lower Upper
84 100
49 114.5 90.5 135.7
51 35.9 28.5 42.7
86 63.0 48.1 72.1

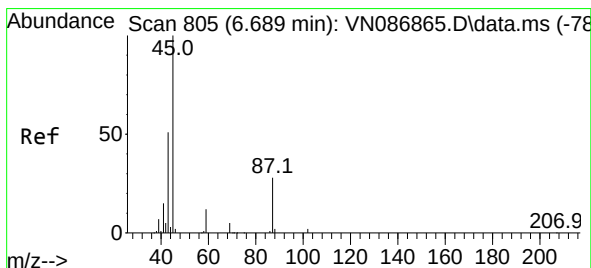
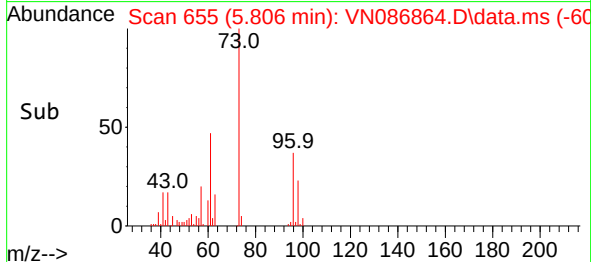
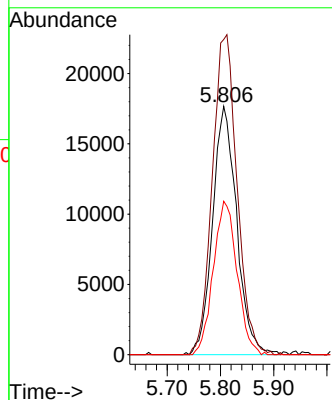
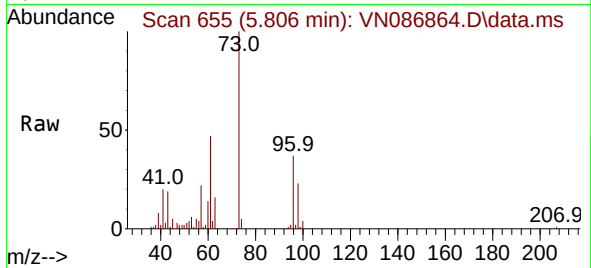




#21
trans-1,2-Dichloroethene
Concen: 20.059 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

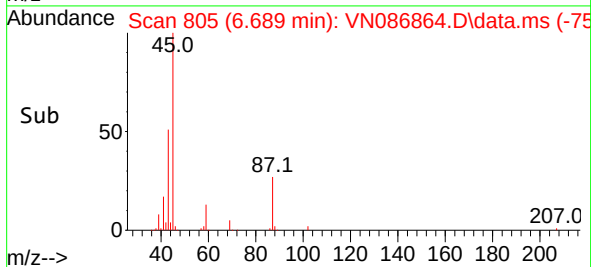
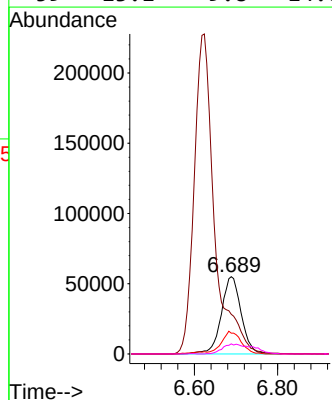
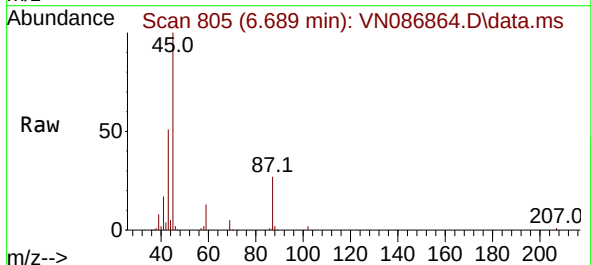
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

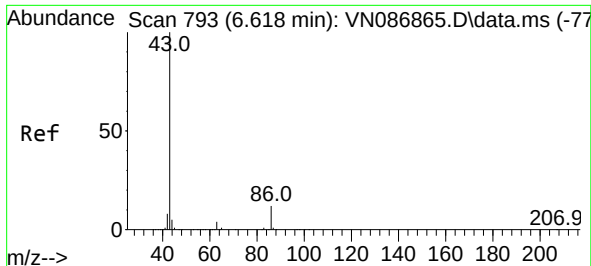
Tgt Ion: 96 Resp: 55643
Ion Ratio Lower Upper
96 100
61 126.9 109.2 163.8
98 61.8 49.8 74.8



#22
Diisopropyl ether
Concen: 20.935 ug/l
RT: 6.689 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 45 Resp: 182472
Ion Ratio Lower Upper
45 100
43 50.7 41.9 62.9
87 27.0 22.4 33.6
59 13.1 9.8 14.6

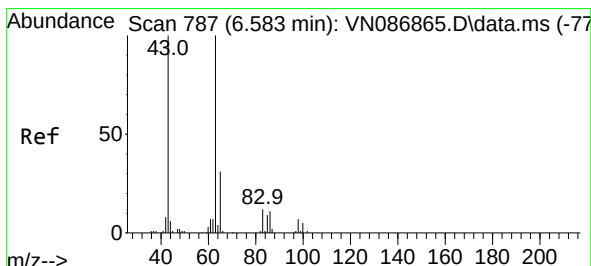
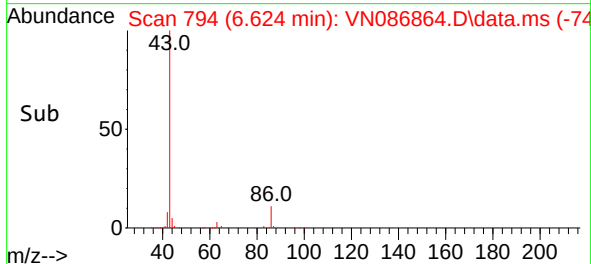
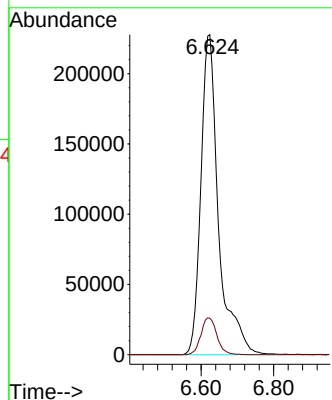
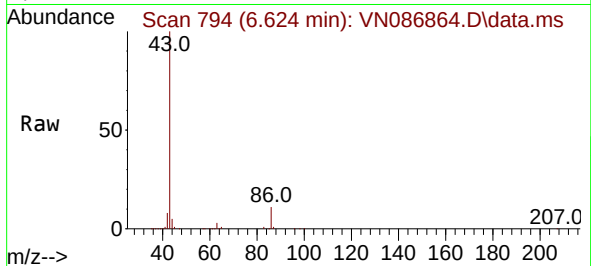




#23
 Vinyl Acetate
 Concen: 104.365 ug/l
 RT: 6.624 min Scan# 794
 Delta R.T. 0.006 min
 Lab File: VN086864.D
 Acq: 06 Jun 2025 13:40

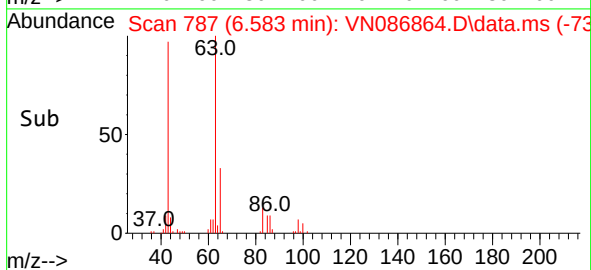
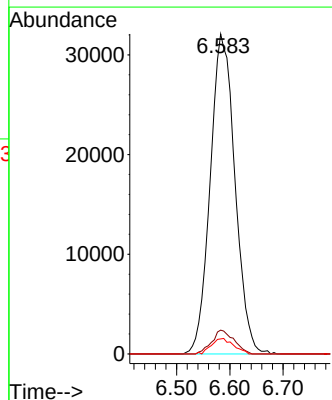
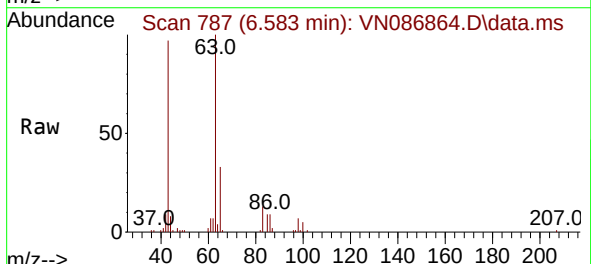
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

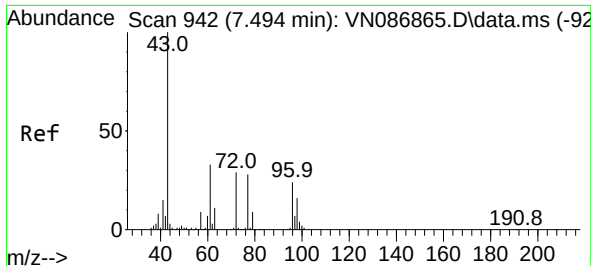
Tgt Ion: 43 Resp: 768556
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 20.650 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN086864.D
 Acq: 06 Jun 2025 13:40

Tgt Ion: 63 Resp: 103578
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.7 2.6 7.8

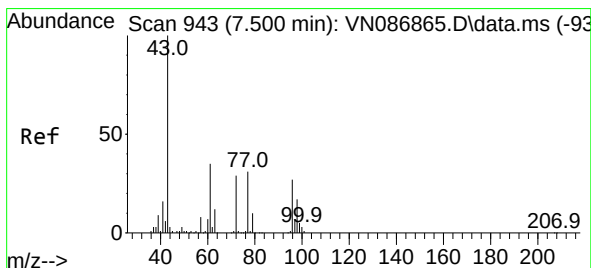
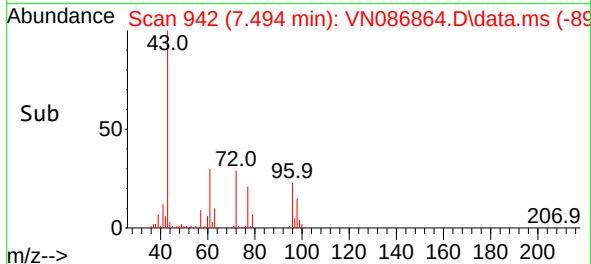
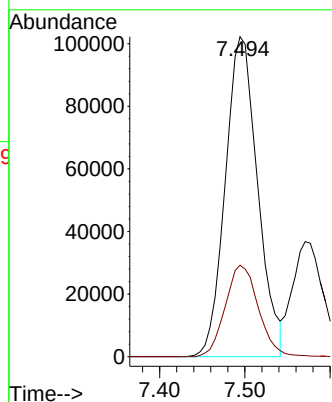
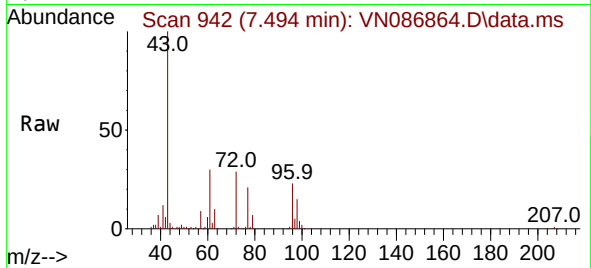




#25
2-Butanone
Concen: 104.621 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

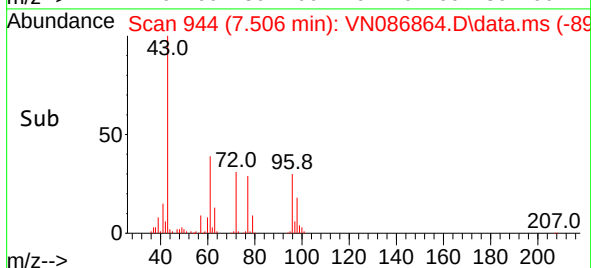
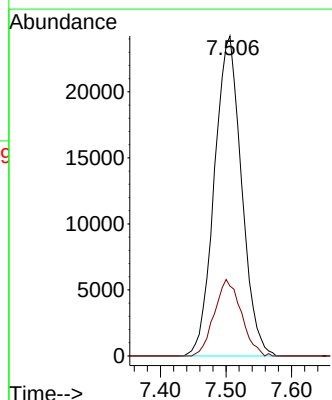
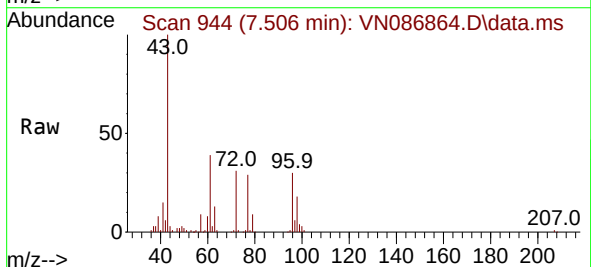
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

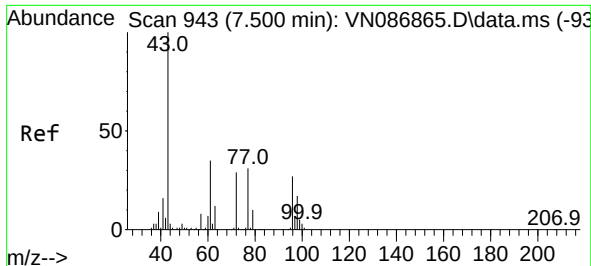
Tgt Ion: 43 Resp: 270477
Ion Ratio Lower Upper
43 100
72 28.6 23.0 34.6



#26
2,2-Dichloropropane
Concen: 17.862 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 77 Resp: 69692
Ion Ratio Lower Upper
77 100
97 23.7 11.6 34.7

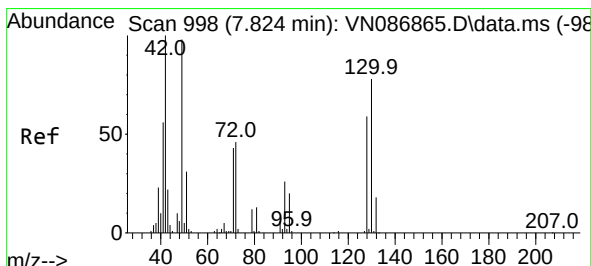
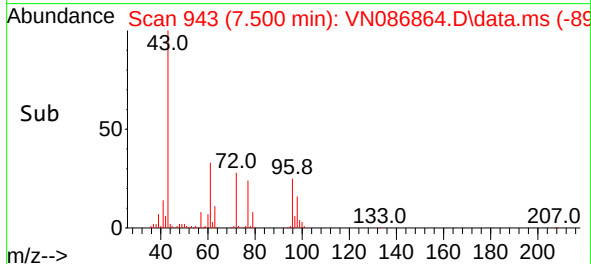
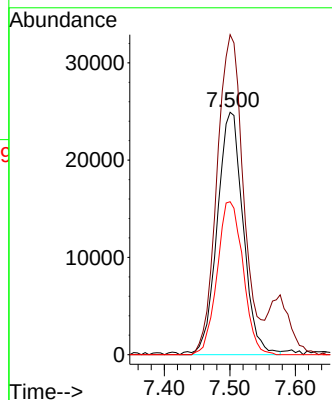
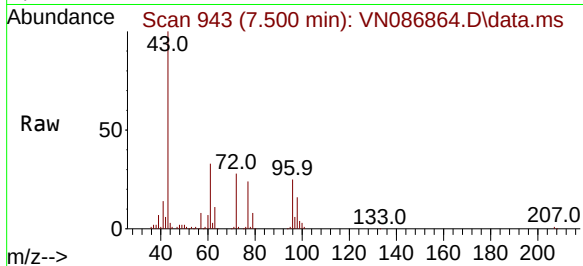




#27
 cis-1,2-Dichloroethene
 Concen: 20.585 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086864.D
 Acq: 06 Jun 2025 13:40

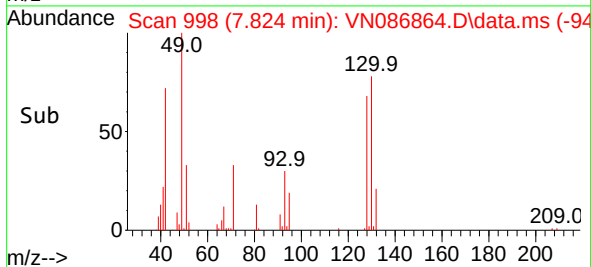
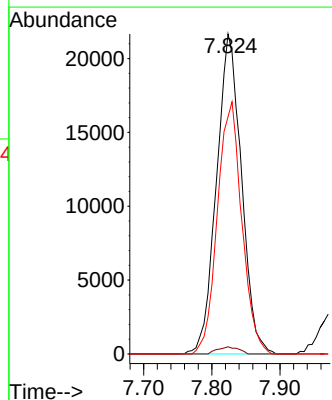
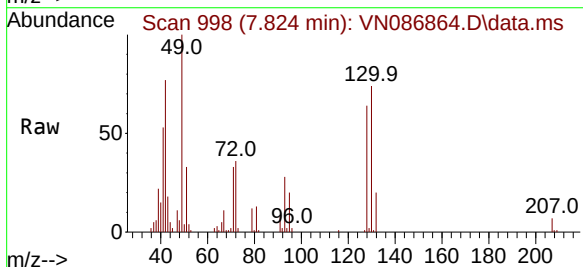
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

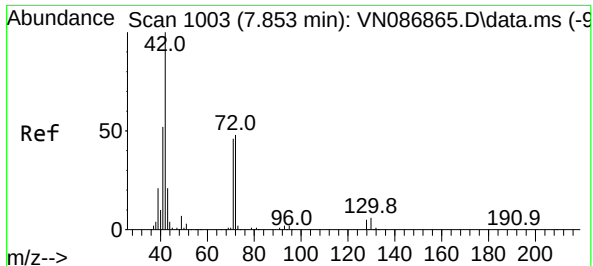
Tgt Ion: 96 Resp: 68292
 Ion Ratio Lower Upper
 96 100
 61 135.5 0.0 278.0
 98 63.0 0.0 128.2



#28
 Bromochloromethane
 Concen: 22.381 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086864.D
 Acq: 06 Jun 2025 13:40

Tgt Ion: 49 Resp: 55196
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.8
 130 77.1 62.2 93.2

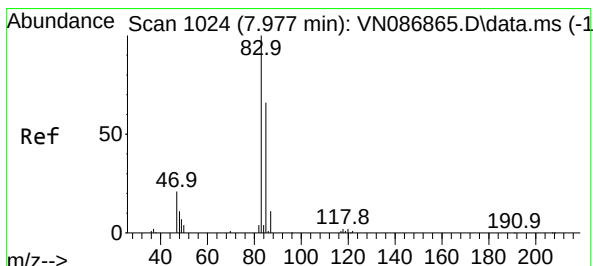
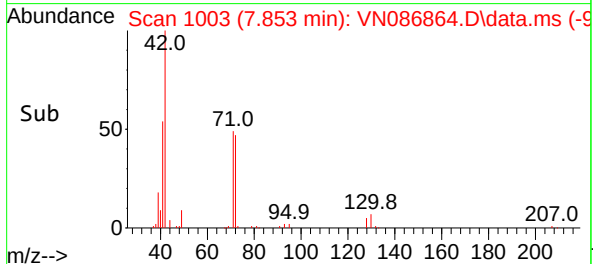
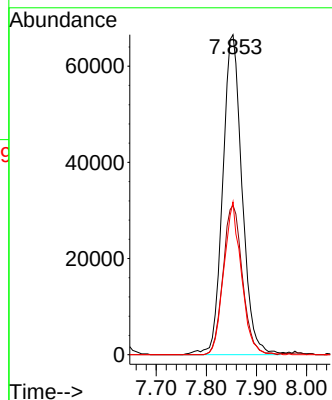
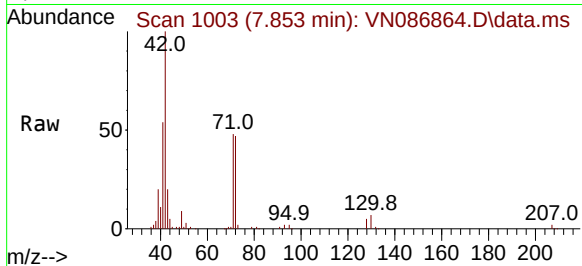




#29
Tetrahydrofuran
Concen: 106.031 ug/l
RT: 7.853 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

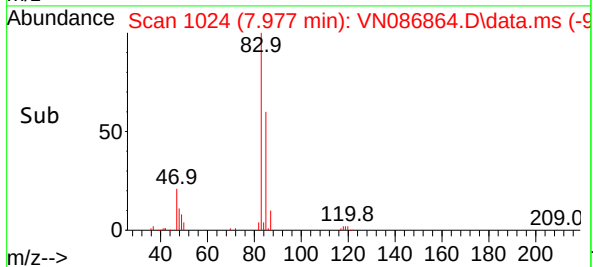
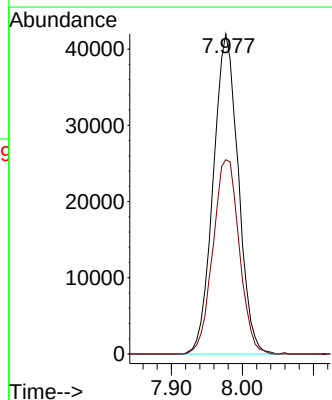
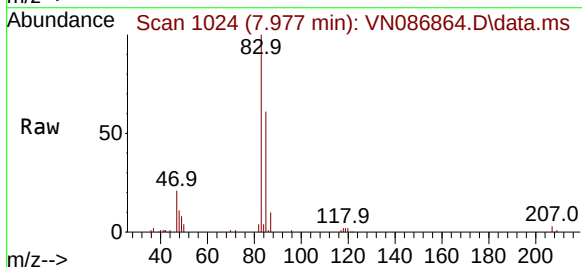
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

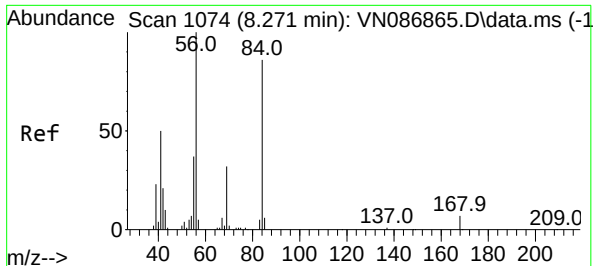
Tgt Ion: 42 Resp: 178571
Ion Ratio Lower Upper
42 100
72 46.6 37.8 56.6
71 43.5 35.6 53.4



#30
Chloroform
Concen: 20.485 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 83 Resp: 102615
Ion Ratio Lower Upper
83 100
85 60.7 52.9 79.3

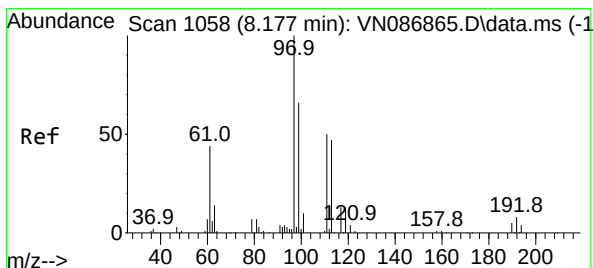
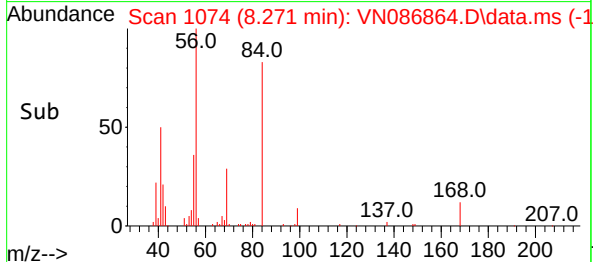
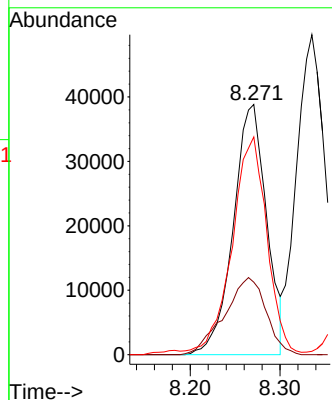
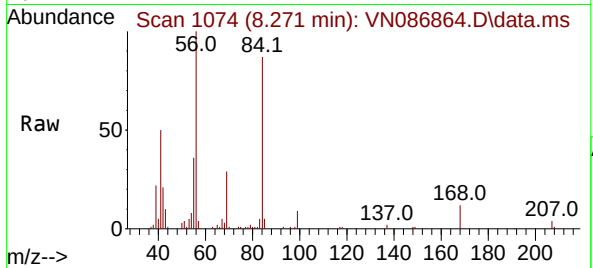




#31
Cyclohexane
Concen: 20.563 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

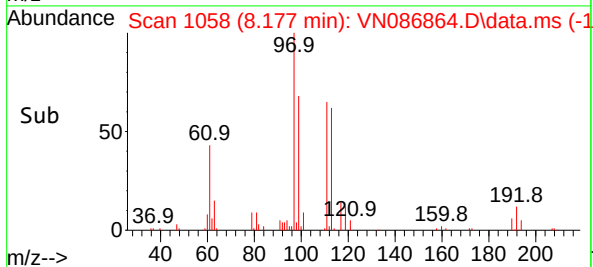
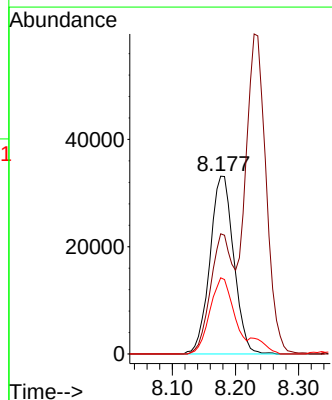
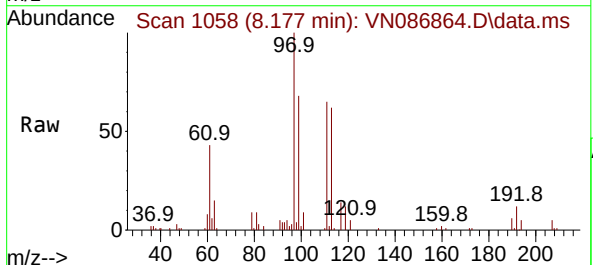
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

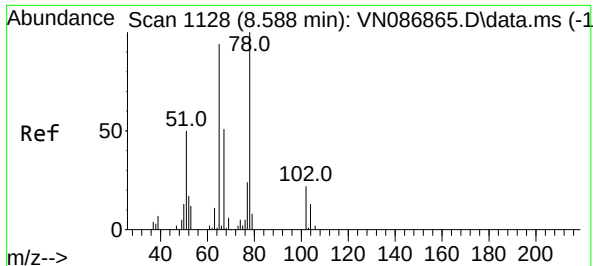
Tgt Ion: 56 Resp: 100026
Ion Ratio Lower Upper
56 100
69 29.0 25.4 38.0
84 85.6 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 20.376 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 97 Resp: 86810
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 43.3 35.9 53.9

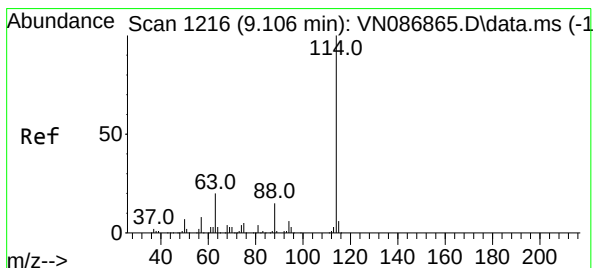
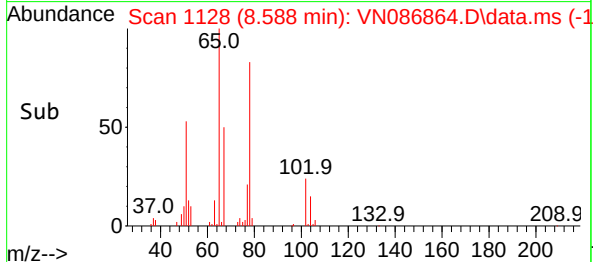
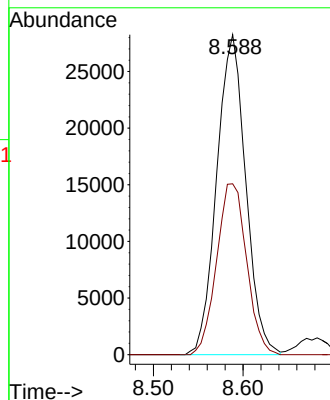
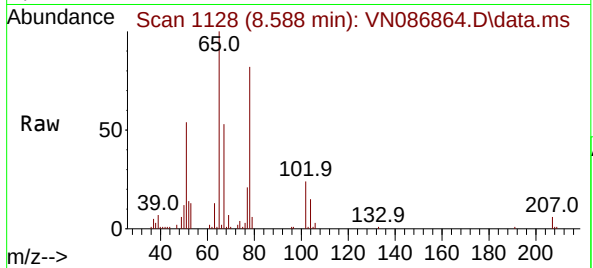




#33
 1,2-Dichloroethane-d4
 Concen: 21.136 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VN086864.D
 Acq: 06 Jun 2025 13:40

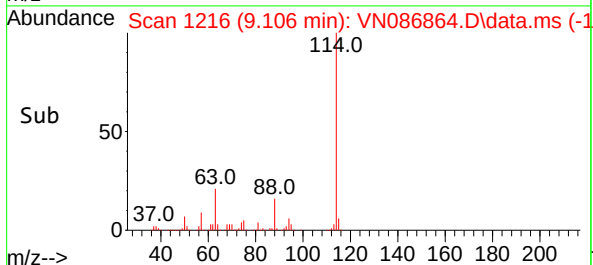
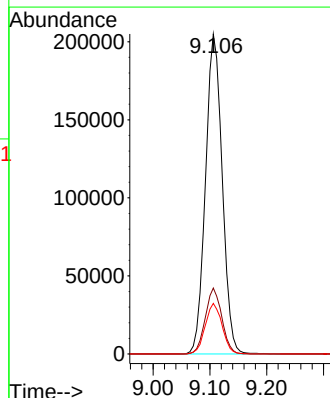
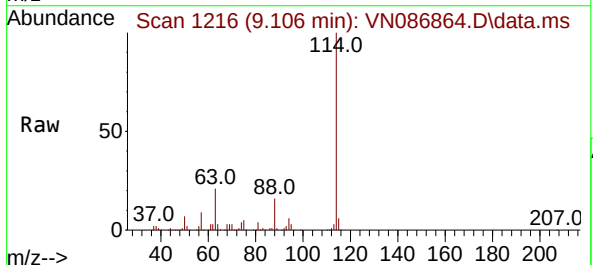
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

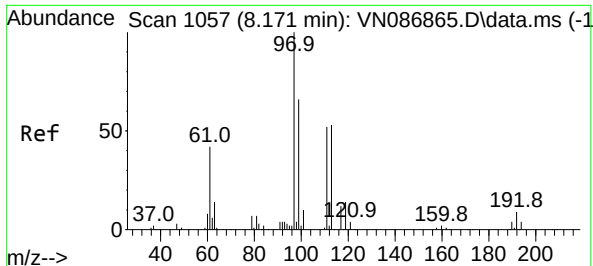
Tgt Ion: 65 Resp: 63390
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN086864.D
 Acq: 06 Jun 2025 13:40

Tgt Ion: 114 Resp: 418154
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.6
 88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 20.902 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN086864.D

Acq: 06 Jun 2025 13:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

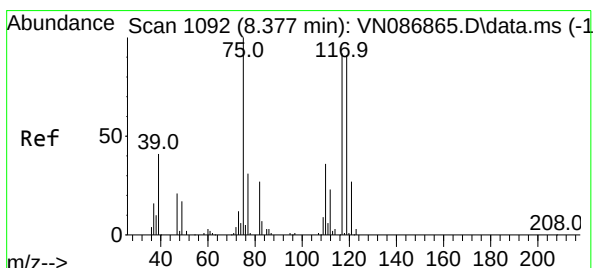
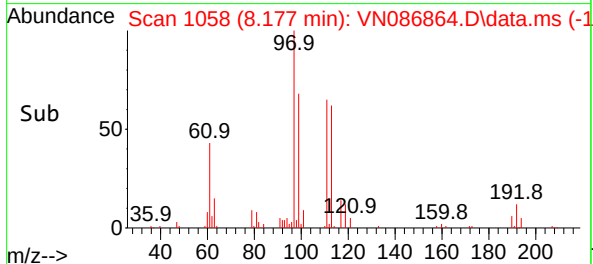
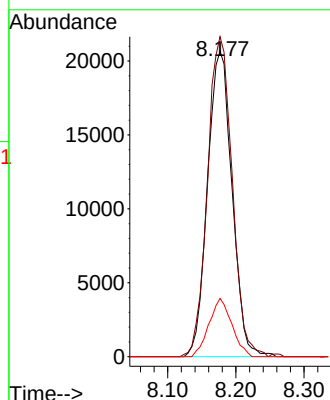
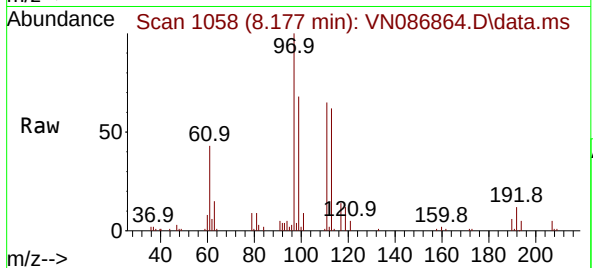
Tgt Ion:113 Resp: 51797

Ion Ratio Lower Upper

113 100

111 105.1 84.2 126.2

192 17.7 14.2 21.4



#36

1,1-Dichloropropene

Concen: 19.838 ug/l

RT: 8.383 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VN086864.D

Acq: 06 Jun 2025 13:40

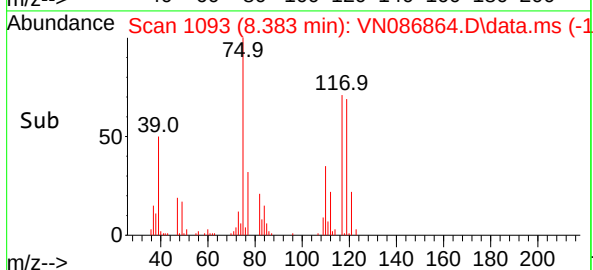
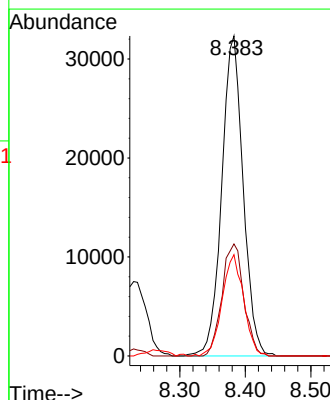
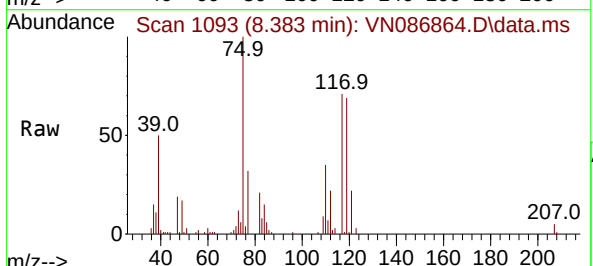
Tgt Ion: 75 Resp: 73252

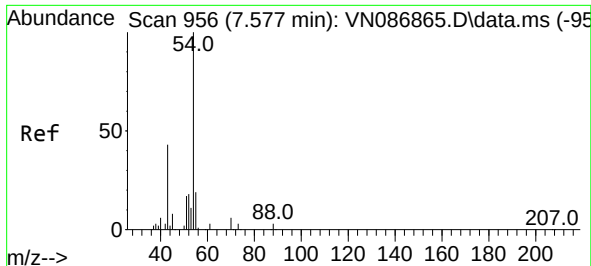
Ion Ratio Lower Upper

75 100

110 35.6 17.6 52.9

77 31.8 25.3 37.9

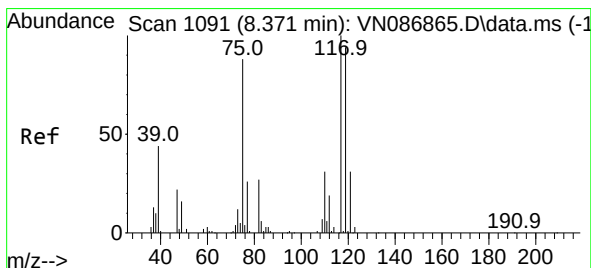
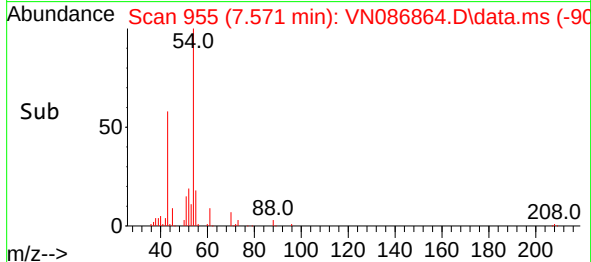
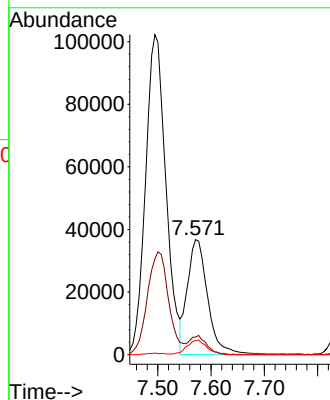
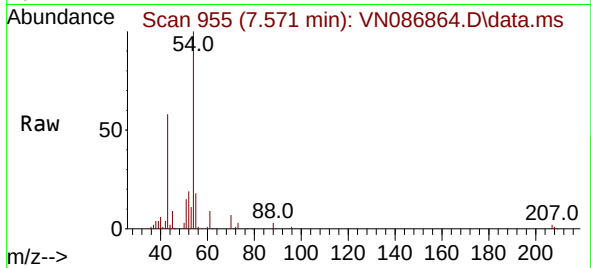




#37
Ethyl Acetate
Concen: 20.522 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

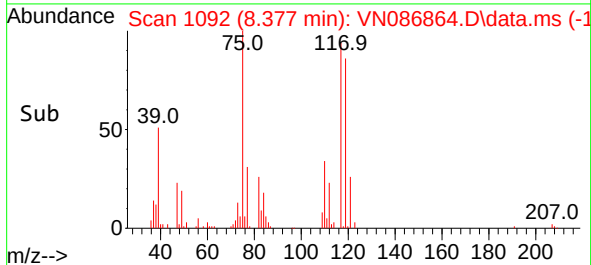
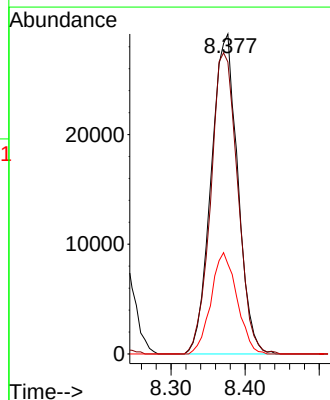
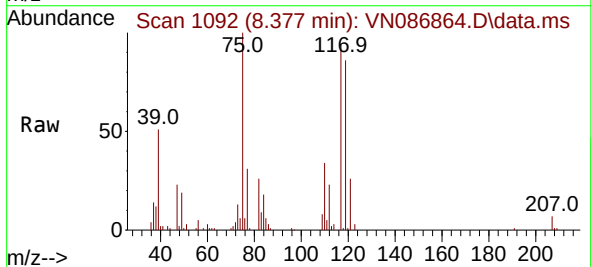
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

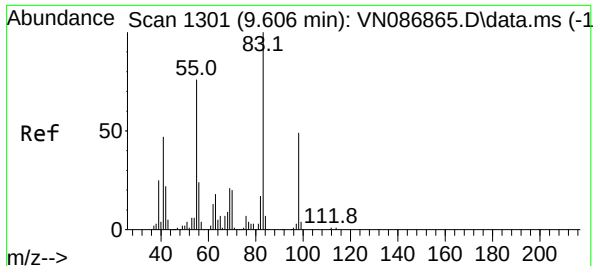
Tgt Ion: 43 Resp: 96467
Ion Ratio Lower Upper
43 100
61 13.9 12.1 18.1
70 12.6 9.8 14.6



#38
Carbon Tetrachloride
Concen: 20.034 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 117 Resp: 72628
Ion Ratio Lower Upper
117 100
119 91.3 75.0 112.6
121 28.1 24.9 37.3

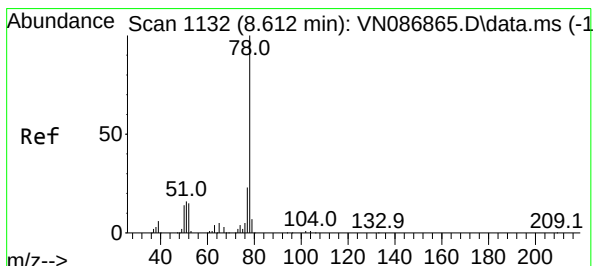
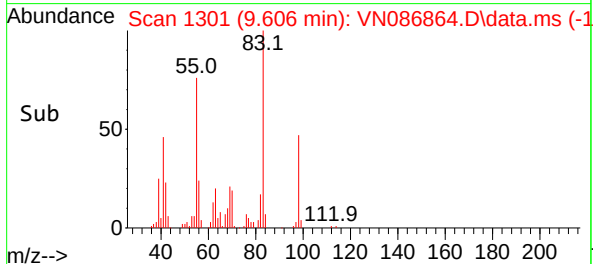
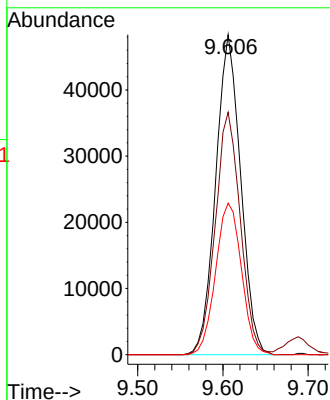
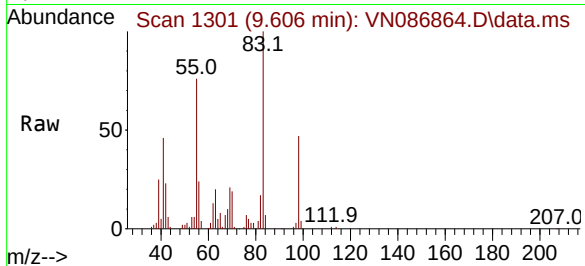




#39
Methylcyclohexane
Concen: 19.455 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

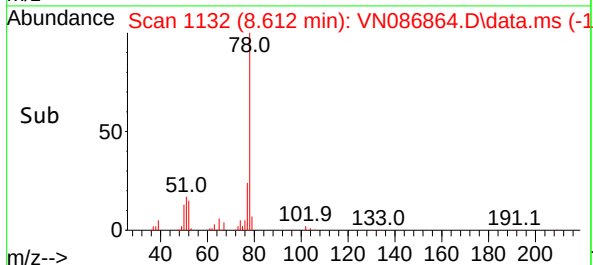
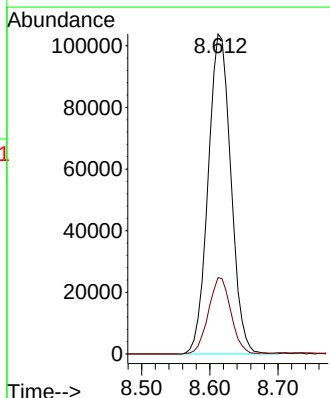
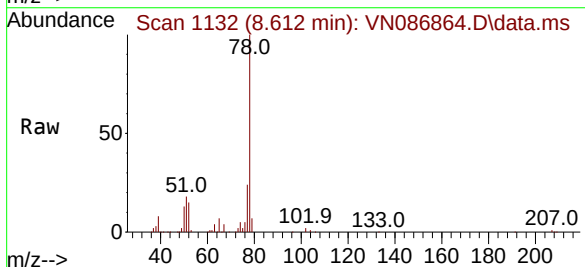
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

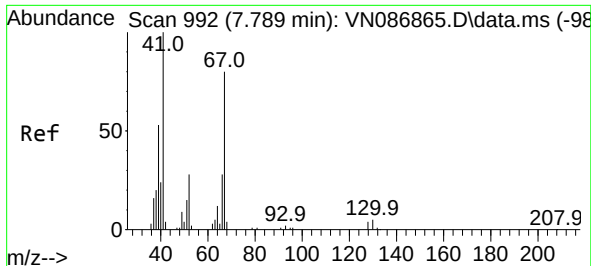
Tgt Ion: 83 Resp: 98425
Ion Ratio Lower Upper
83 100
55 75.7 61.0 91.6
98 47.4 38.9 58.3



#40
Benzene
Concen: 19.996 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 78 Resp: 241444
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1

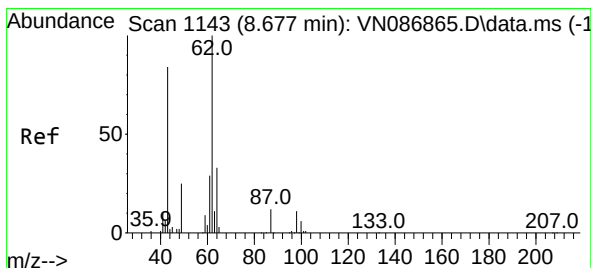
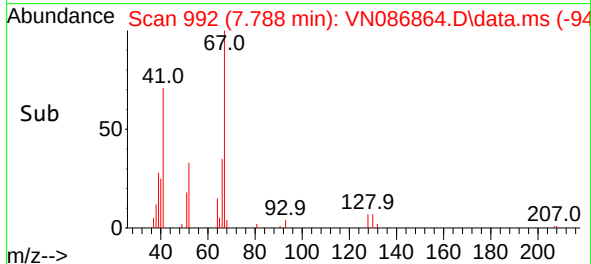
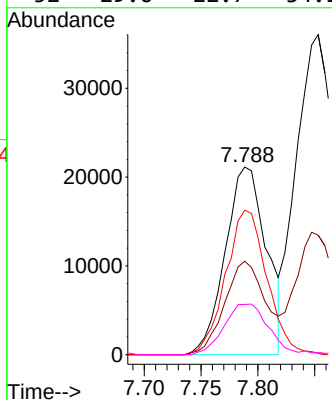
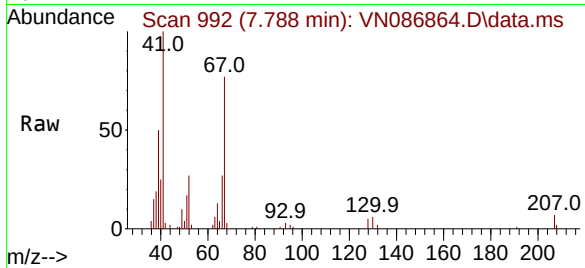




#41
Methacrylonitrile
Concen: 20.169 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

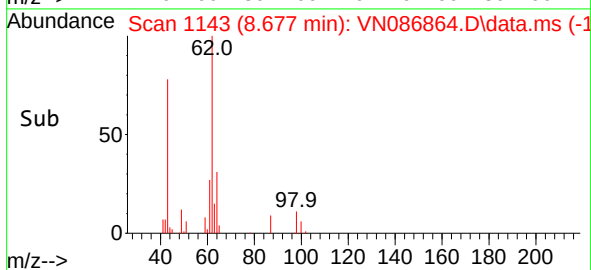
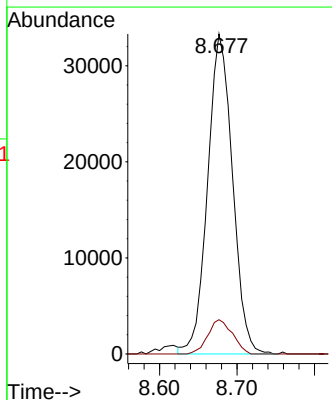
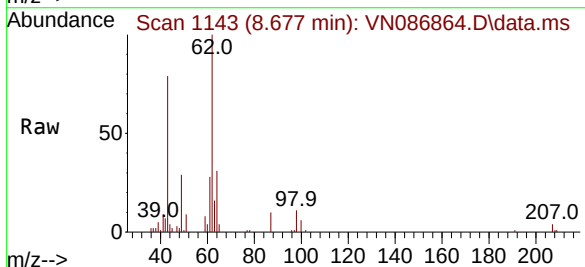
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

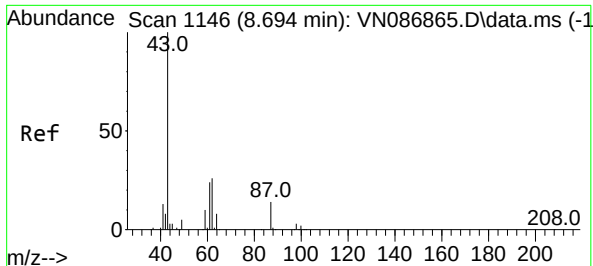
Tgt Ion:	41	Resp:	53244
Ion	Ratio	Lower	Upper
41	100		
39	49.5	41.2	61.8
67	77.3	61.4	92.2
52	29.6	22.7	34.1



#42
1,2-Dichloroethane
Concen: 20.270 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:	62	Resp:	74238
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	21.2

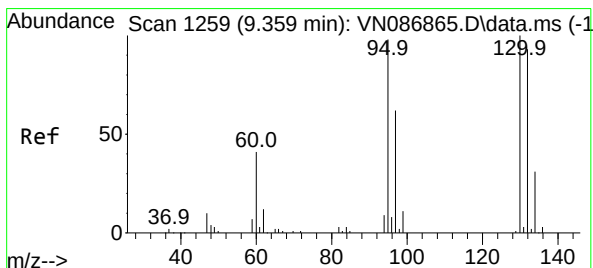
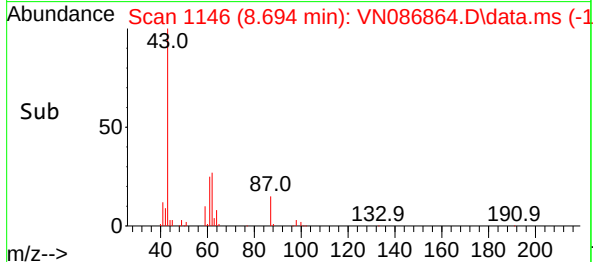
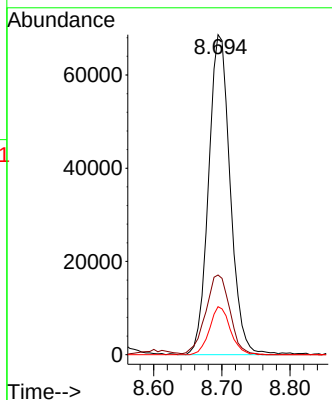
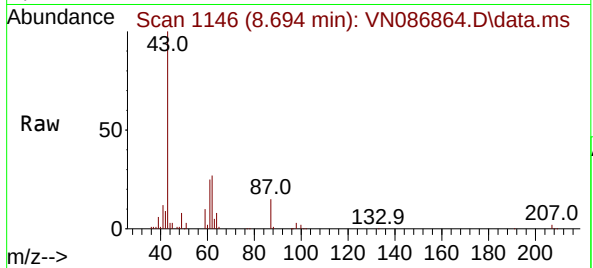




#43
Isopropyl Acetate
Concen: 20.094 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

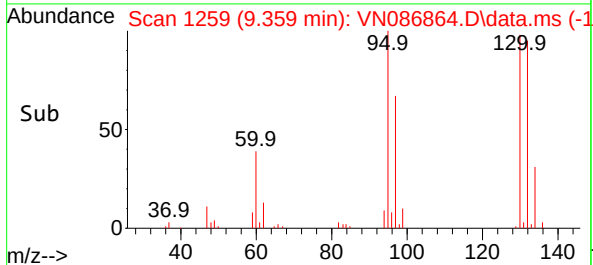
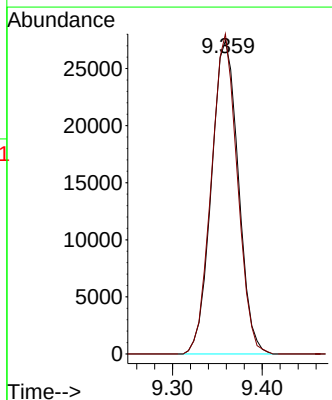
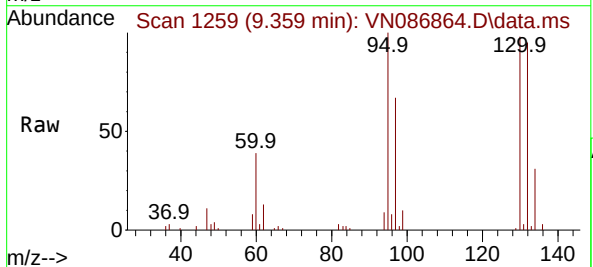
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MSVOA_N
ClientSampleId :
VSTDIC020

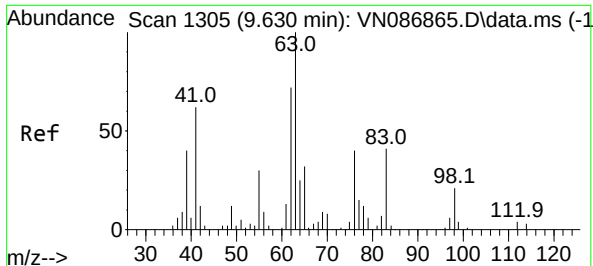
Tgt Ion: 43 Resp: 151601
Ion Ratio Lower Upper
43 100
61 27.9 22.1 33.1
87 14.4 11.8 17.6



#44
Trichloroethene
Concen: 19.946 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:130 Resp: 57110
Ion Ratio Lower Upper
130 100
95 102.1 0.0 196.2





#45

1,2-Dichloropropane

Concen: 20.184 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN086864.D

Acq: 06 Jun 2025 13:40

Instrument :

MSVOA_N

ClientSampleId :

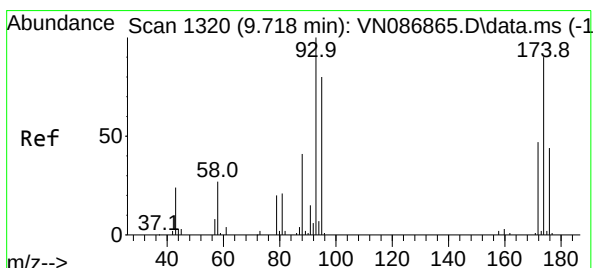
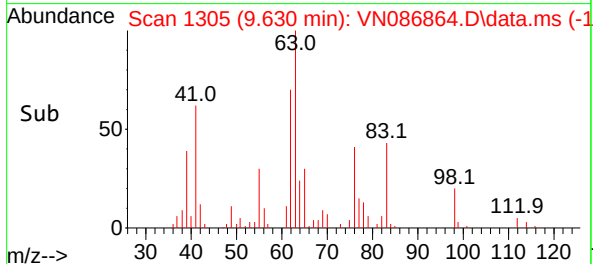
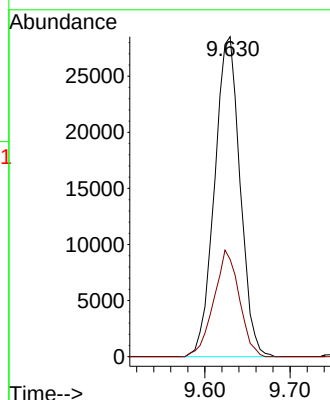
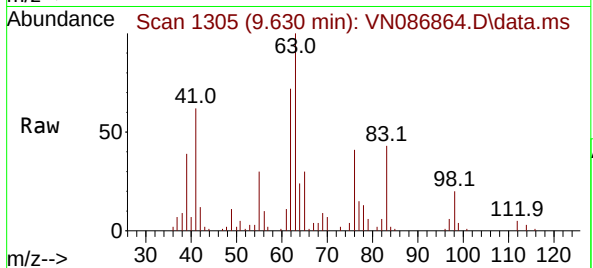
VSTDICC020

Tgt Ion: 63 Resp: 59293

Ion Ratio Lower Upper

63 100

65 30.4 25.5 38.3



#46

Dibromomethane

Concen: 20.648 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086864.D

Acq: 06 Jun 2025 13:40

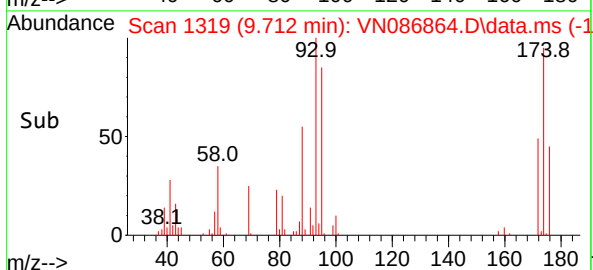
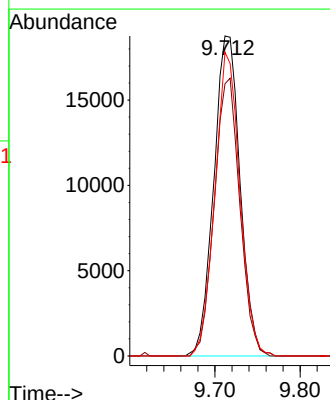
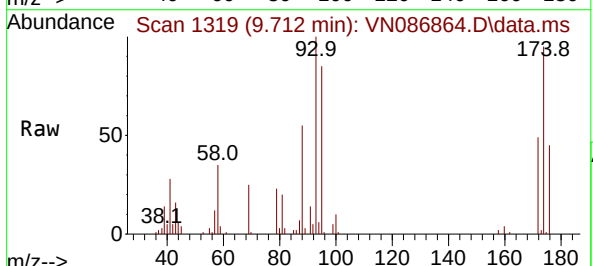
Tgt Ion: 93 Resp: 40290

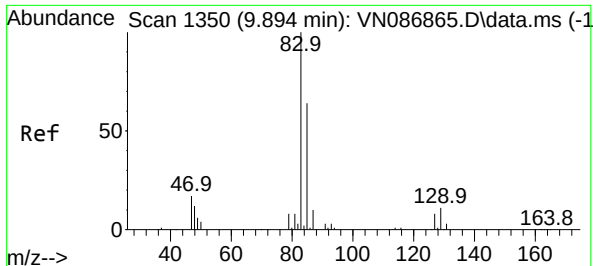
Ion Ratio Lower Upper

93 100

95 84.1 67.1 100.7

174 90.1 74.2 111.4

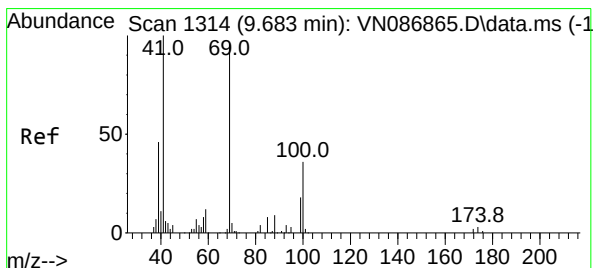
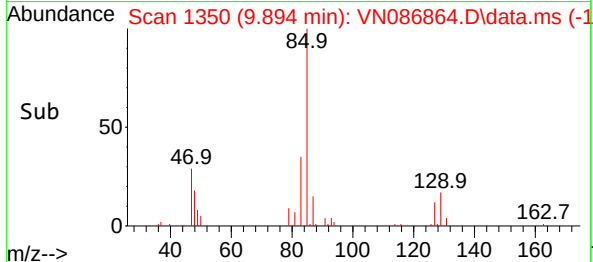
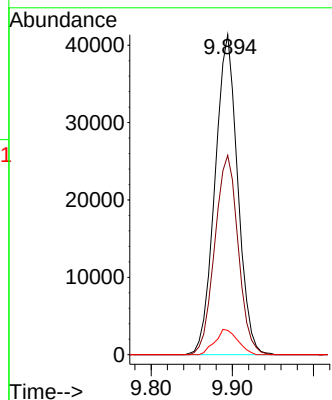
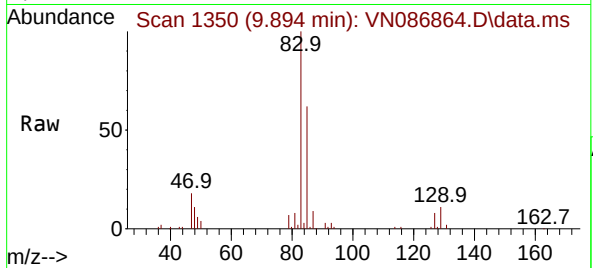




#47
Bromodichloromethane
Concen: 20.015 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

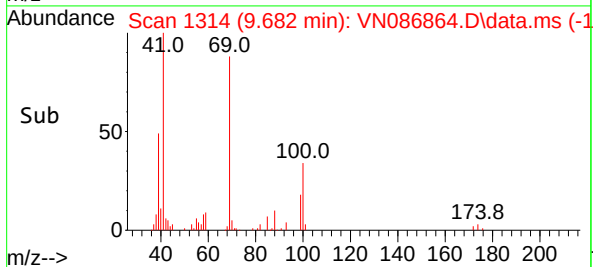
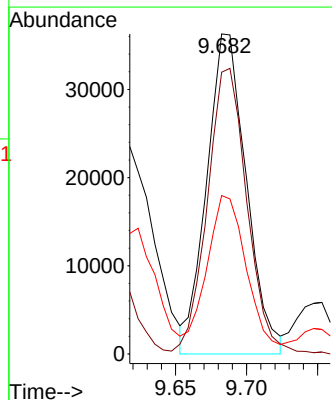
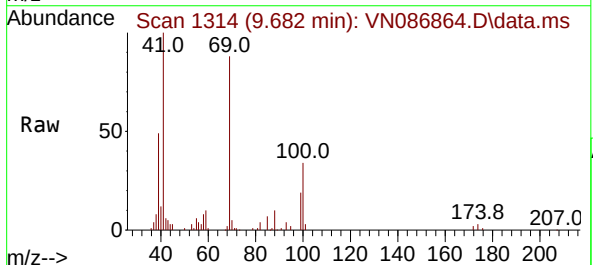
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

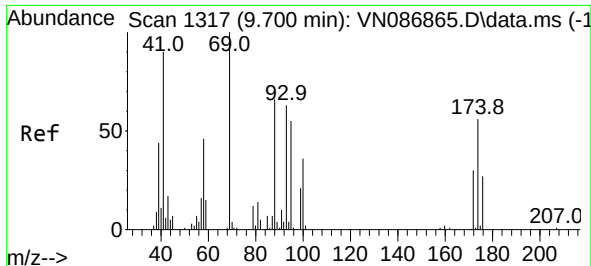
Tgt Ion: 83 Resp: 80353
Ion Ratio Lower Upper
83 100
85 62.3 50.9 76.3
127 7.6 6.6 10.0



#48
Methyl methacrylate
Concen: 20.290 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 41 Resp: 70457
Ion Ratio Lower Upper
41 100
69 89.4 74.6 112.0
39 50.3 40.2 60.4





#49

1,4-Dioxane

Concen: 446.886 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN086864.D

Acq: 06 Jun 2025 13:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

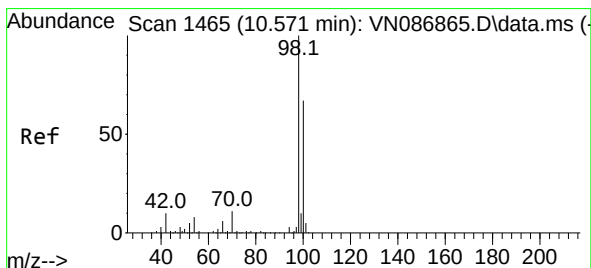
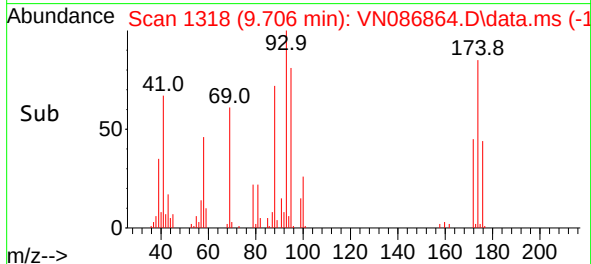
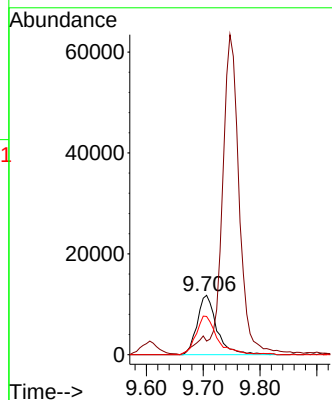
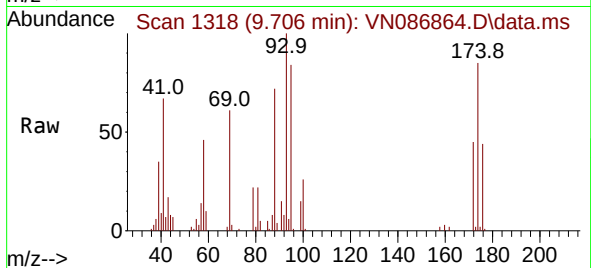
Tgt Ion: 88 Resp: 28231

Ion Ratio Lower Upper

88 100

43 19.7 0.0 0.0#

58 70.1 57.7 86.5



#50

Toluene-d8

Concen: 20.516 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086864.D

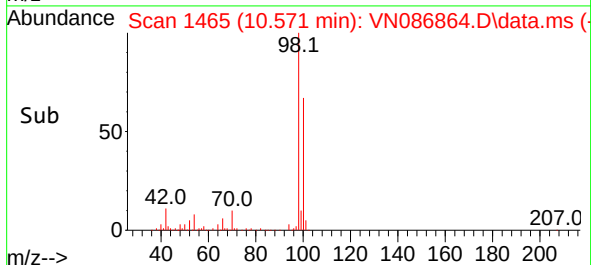
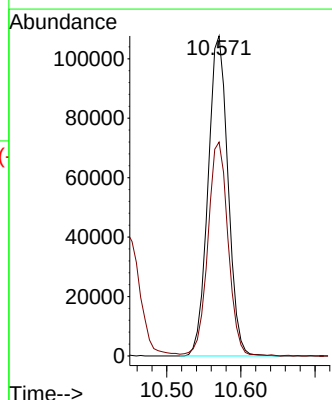
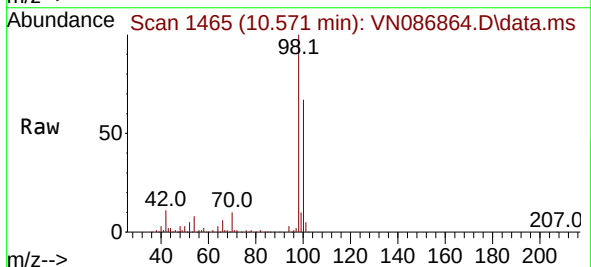
Acq: 06 Jun 2025 13:40

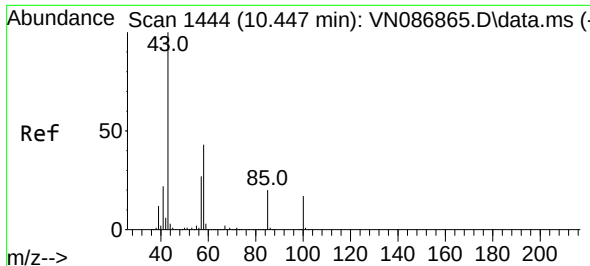
Tgt Ion: 98 Resp: 201268

Ion Ratio Lower Upper

98 100

100 67.8 53.4 80.0

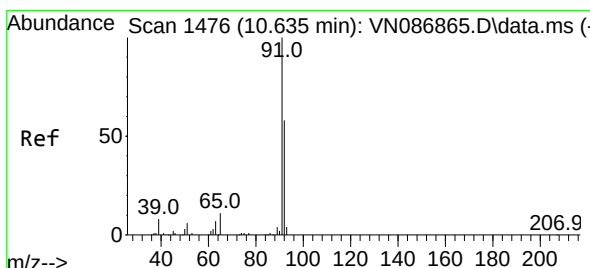
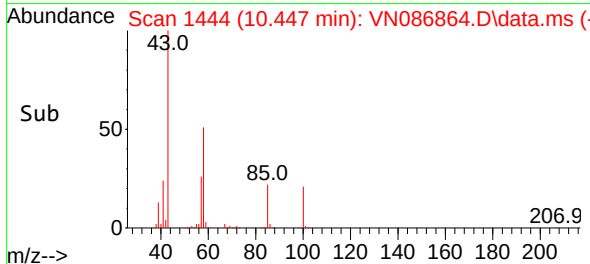
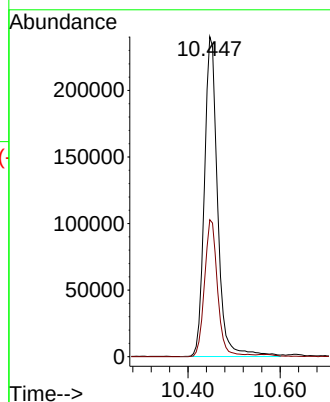
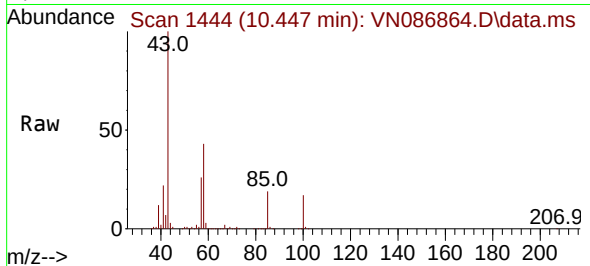




#51
4-Methyl-2-Pentanone
Concen: 106.066 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

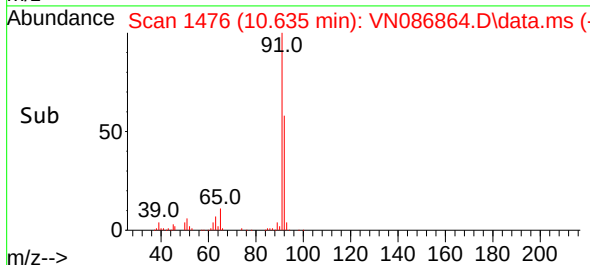
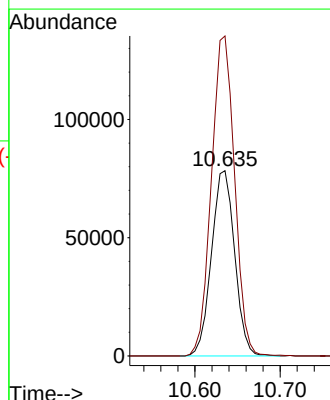
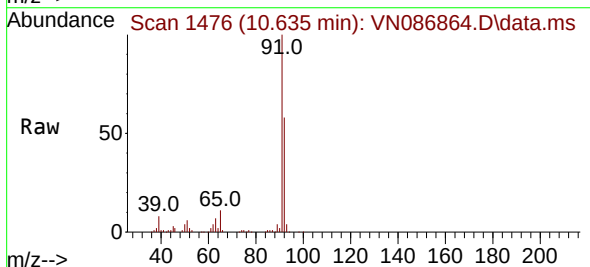
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

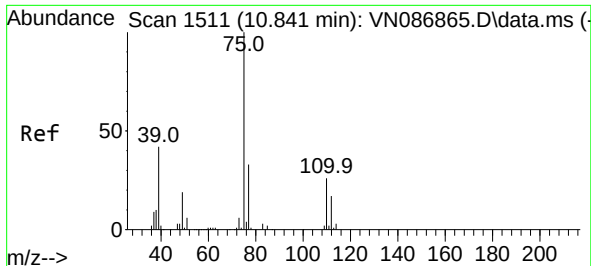
Tgt Ion: 43 Resp: 481741
Ion Ratio Lower Upper
43 100
58 42.0 34.2 51.4



#52
Toluene
Concen: 20.056 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 92 Resp: 148000
Ion Ratio Lower Upper
92 100
91 172.9 136.5 204.7

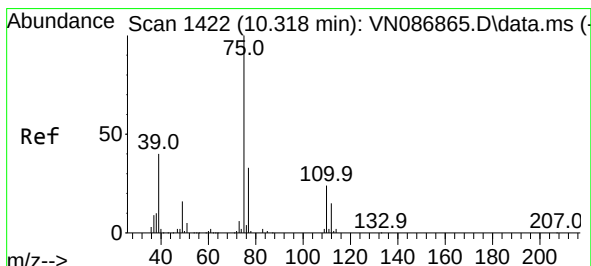
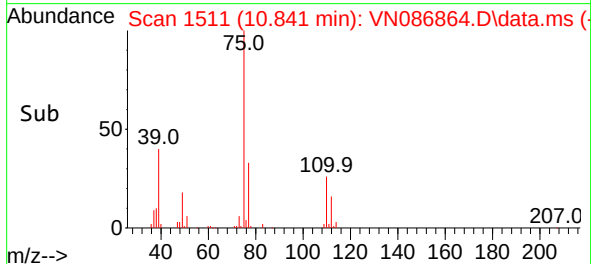
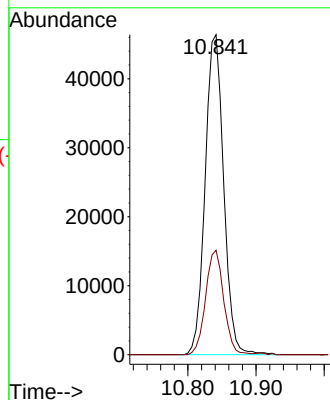
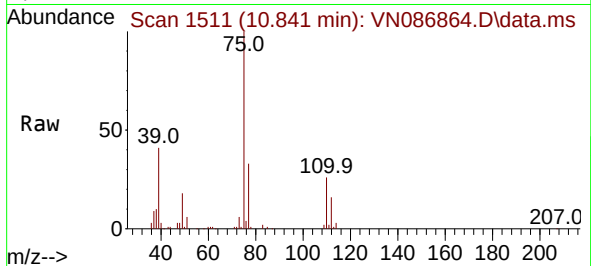




#53
t-1,3-Dichloropropene
Concen: 19.532 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

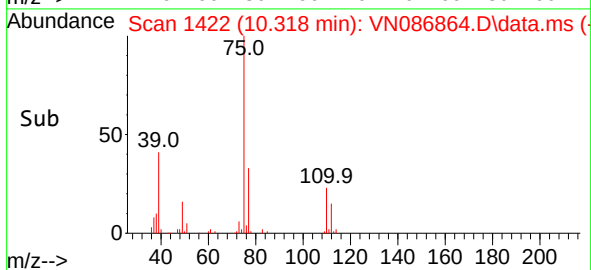
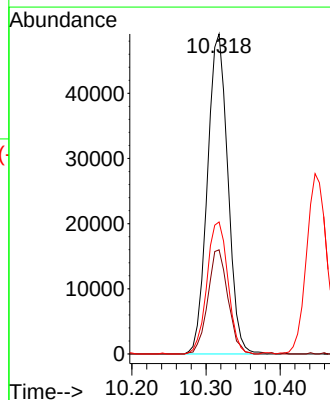
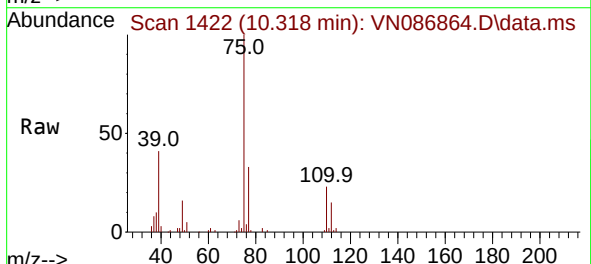
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

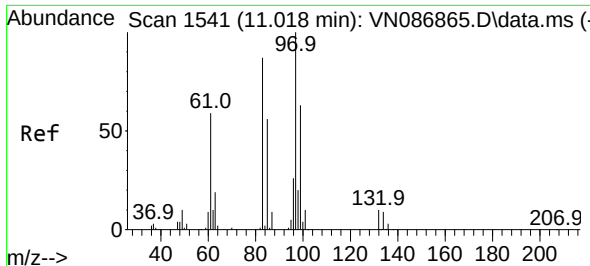
Tgt Ion: 75 Resp: 87683
Ion Ratio Lower Upper
75 100
77 32.7 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 19.636 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 75 Resp: 94315
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.4
39 41.3 32.3 48.5

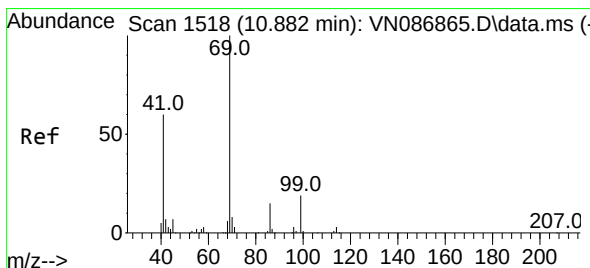
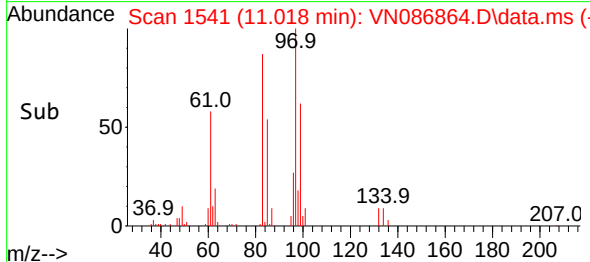
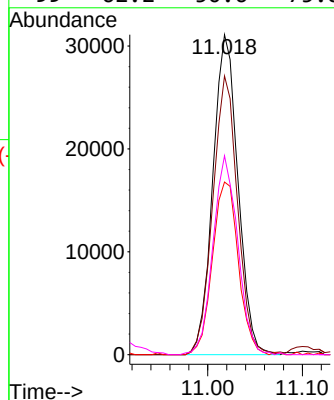
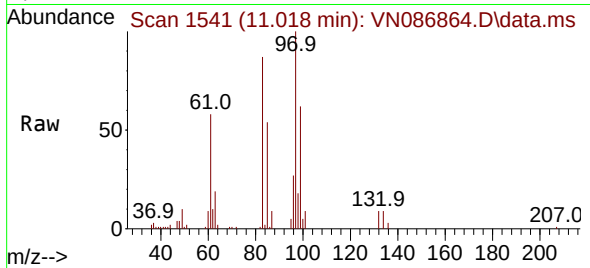




#55
1,1,2-Trichloroethane
Concen: 20.143 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

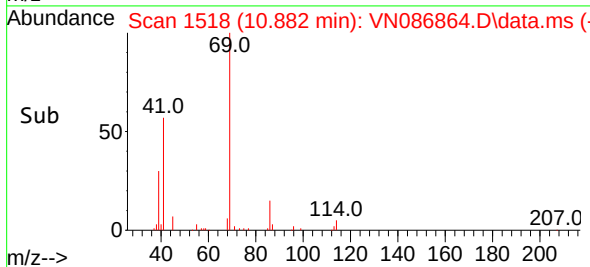
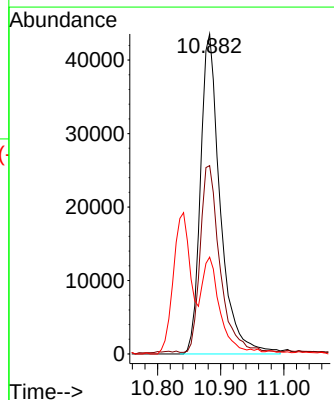
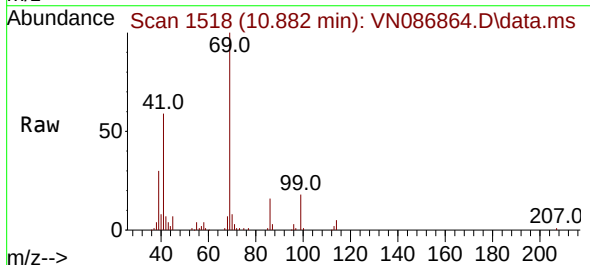
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

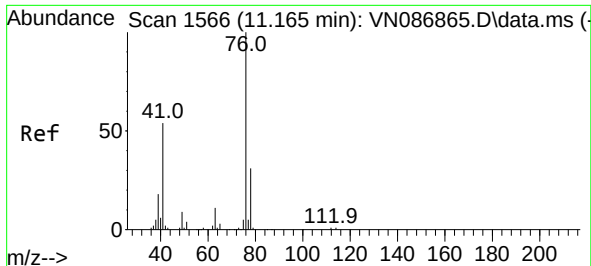
Tgt Ion:	97	Resp:	57195
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.7	104.5
85	54.0	45.1	67.7
99	62.2	50.6	75.8



#56
Ethyl methacrylate
Concen: 20.968 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:	69	Resp:	94829
Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.2	70.8
39	25.9	23.0	34.6





#57

1,3-Dichloropropane

Concen: 19.938 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN086864.D

Acq: 06 Jun 2025 13:40

Instrument :

MSVOA_N

ClientSampleId :

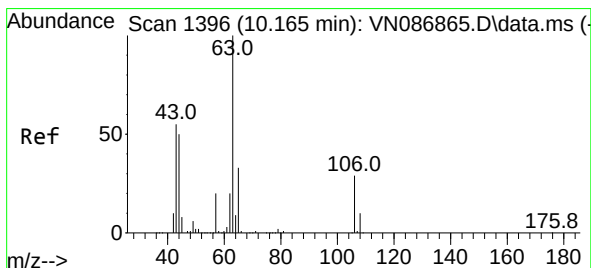
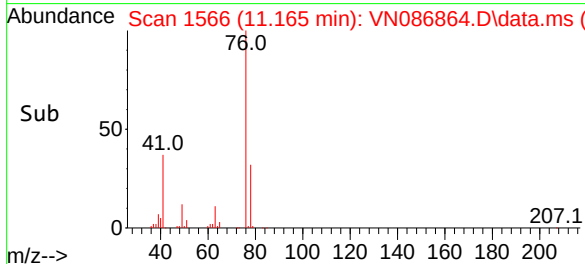
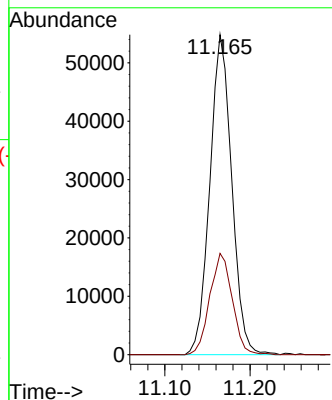
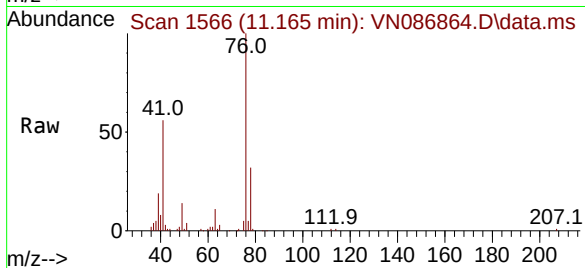
VSTDIC020

Tgt Ion: 76 Resp: 98205

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 103.426 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN086864.D

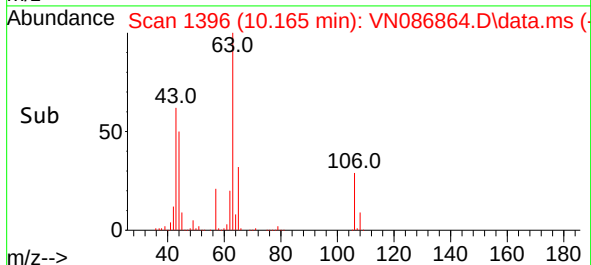
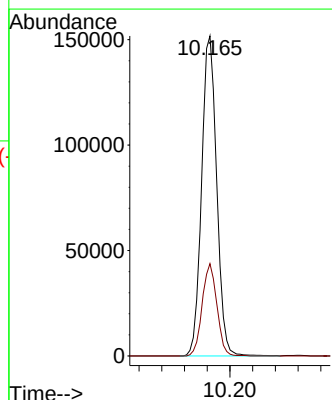
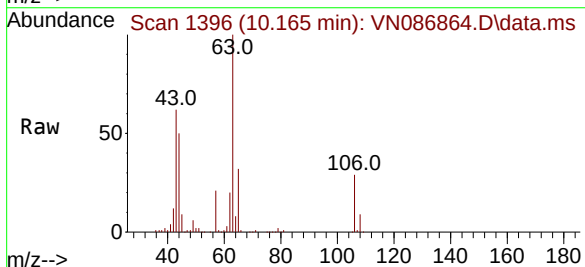
Acq: 06 Jun 2025 13:40

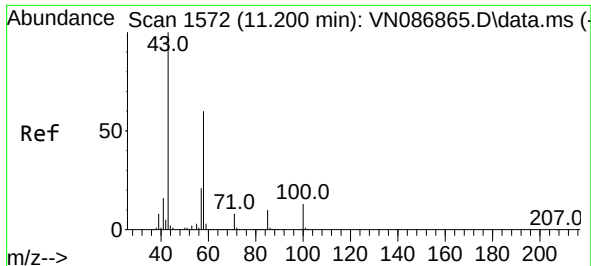
Tgt Ion: 63 Resp: 278986

Ion Ratio Lower Upper

63 100

106 28.1 23.0 34.6

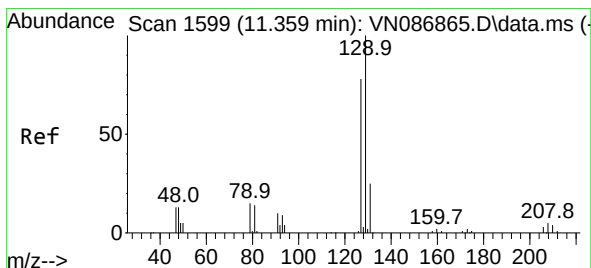
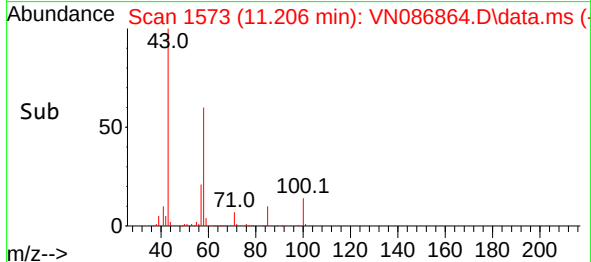
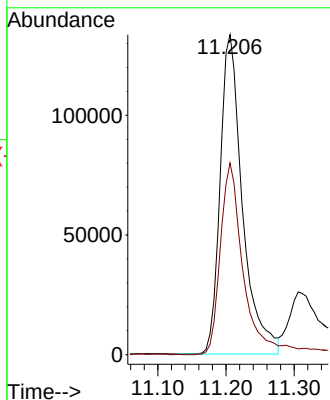
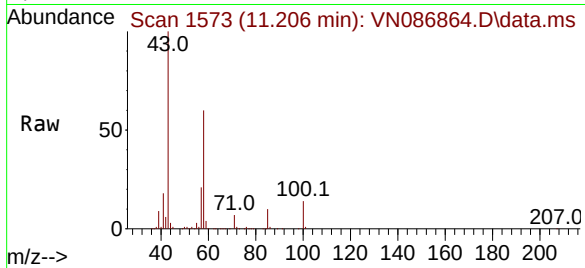




#59
2-Hexanone
Concen: 103.803 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

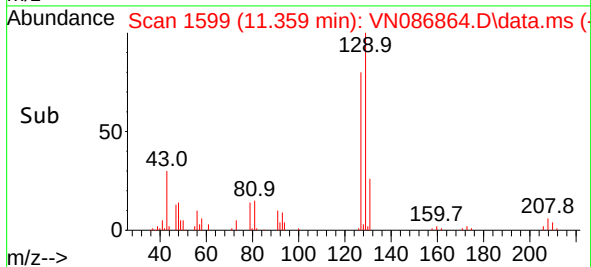
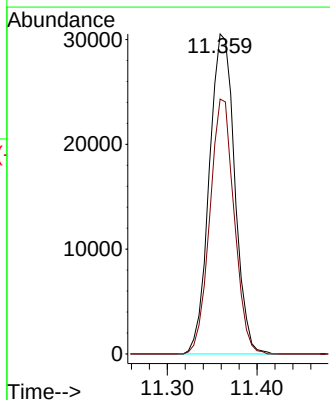
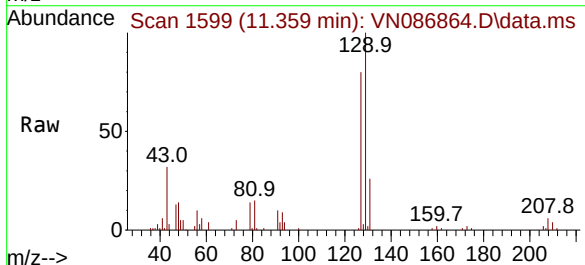
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

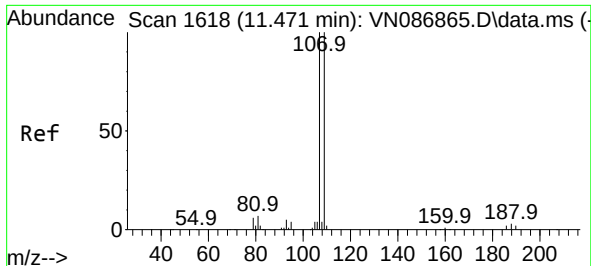
Tgt Ion: 43 Resp: 303686
Ion Ratio Lower Upper
43 100
58 64.8 30.4 91.3



#60
Dibromochloromethane
Concen: 20.268 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 129 Resp: 59961
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.8

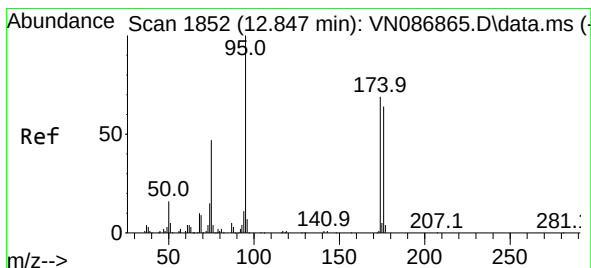
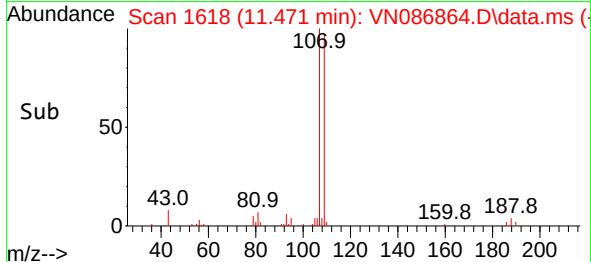
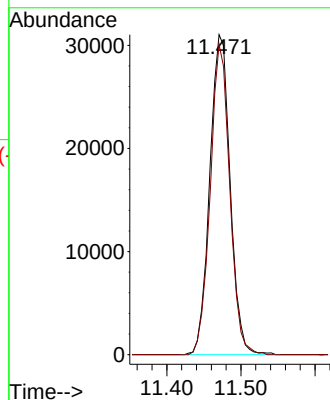
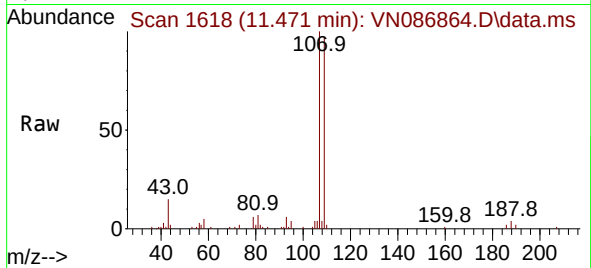




#61
1,2-Dibromoethane
Concen: 20.320 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

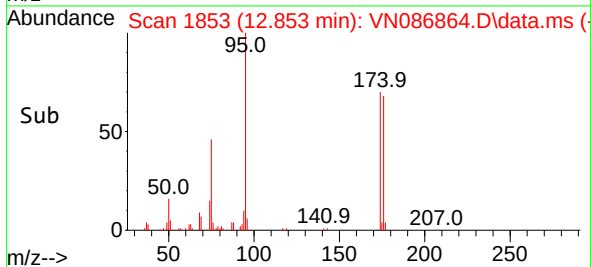
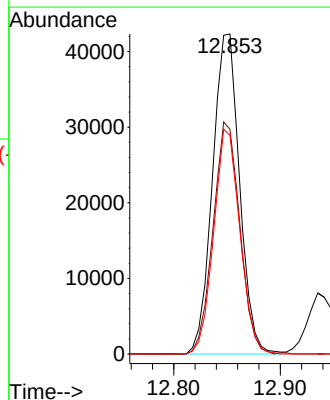
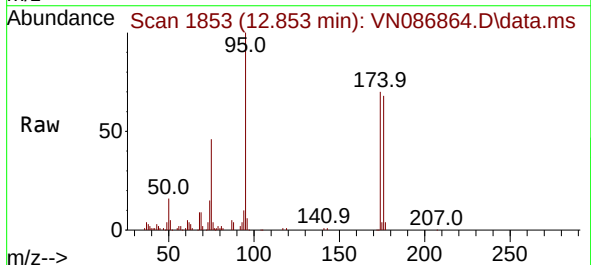
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

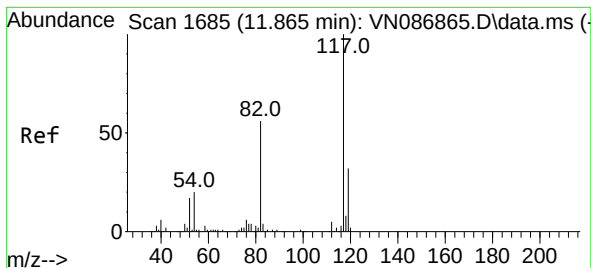
Tgt Ion:107 Resp: 59139
Ion Ratio Lower Upper
107 100
109 93.0 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 20.474 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 95 Resp: 74622
Ion Ratio Lower Upper
95 100
174 71.7 0.0 141.8
176 68.0 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086864.D

Acq: 06 Jun 2025 13:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

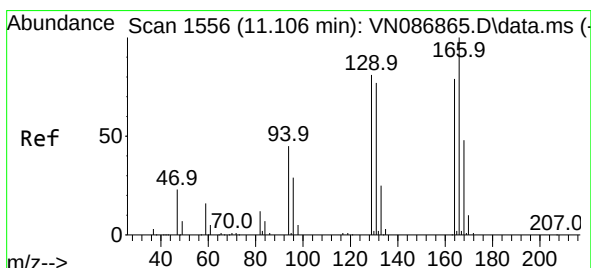
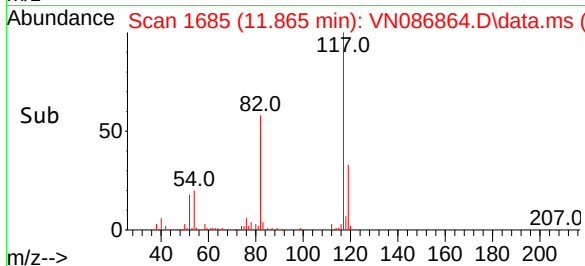
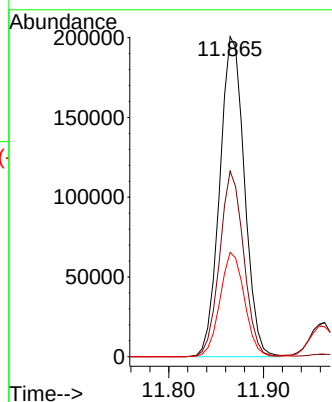
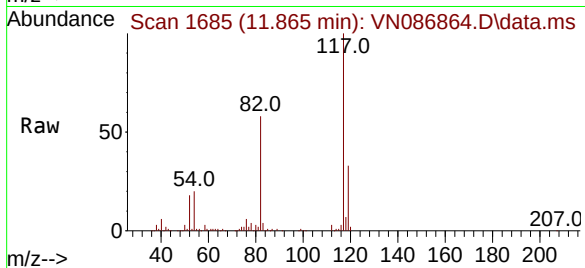
Tgt Ion:117 Resp: 363172

Ion Ratio Lower Upper

117 100

82 58.0 44.6 67.0

119 32.6 25.5 38.3



#64

Tetrachloroethene

Concen: 19.742 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN086864.D

Acq: 06 Jun 2025 13:40

Tgt Ion:164 Resp: 45374

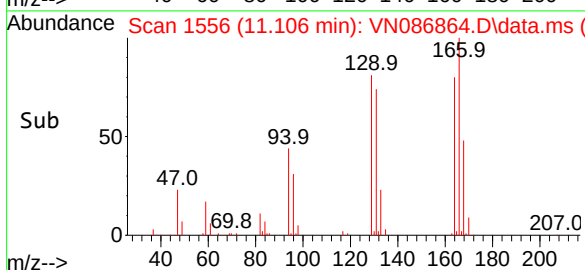
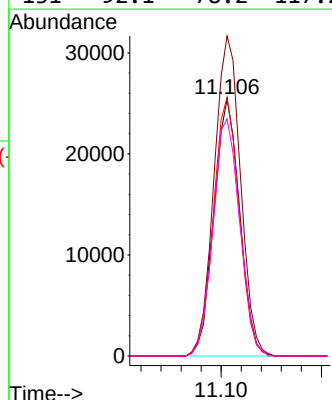
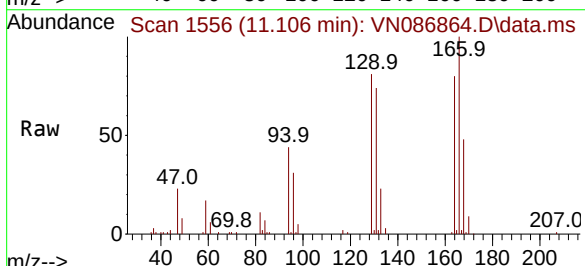
Ion Ratio Lower Upper

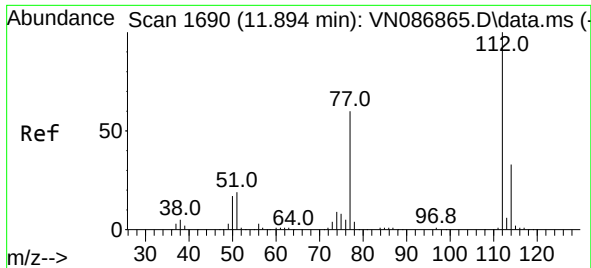
164 100

166 124.4 101.8 152.8

129 100.4 83.0 124.4

131 92.1 78.2 117.2

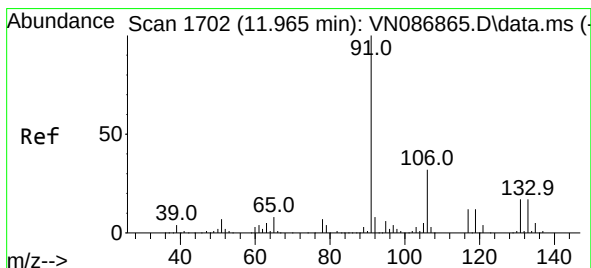
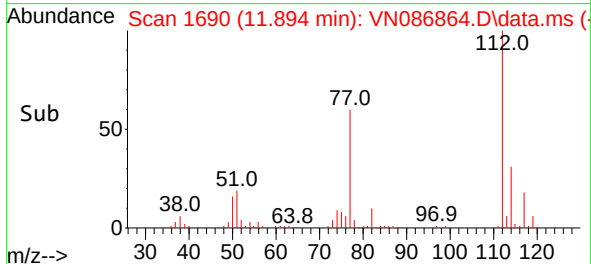
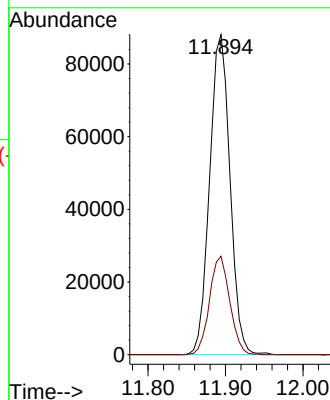
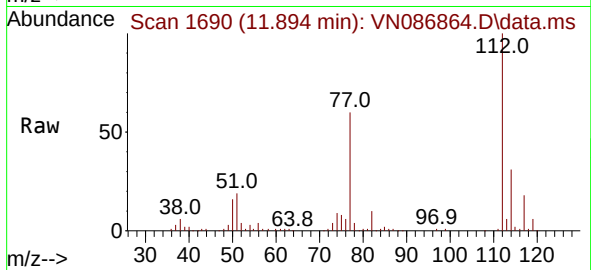




#65
Chlorobenzene
Concen: 20.076 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

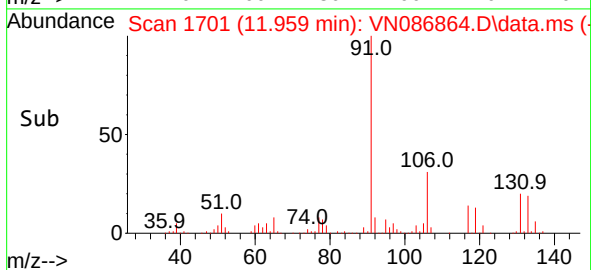
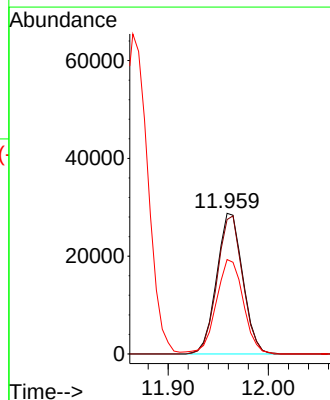
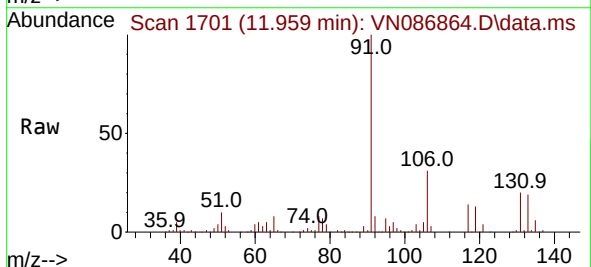
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

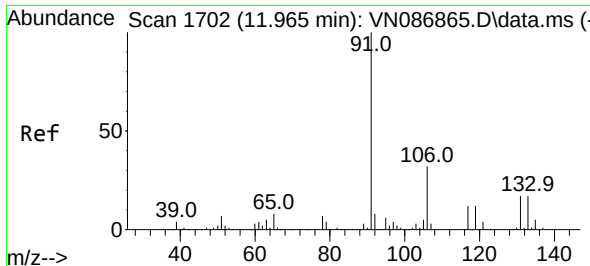
Tgt Ion:112 Resp: 160803
Ion Ratio Lower Upper
112 100
114 30.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.223 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:131 Resp: 52069
Ion Ratio Lower Upper
131 100
133 96.3 48.3 144.8
119 69.6 34.0 101.8

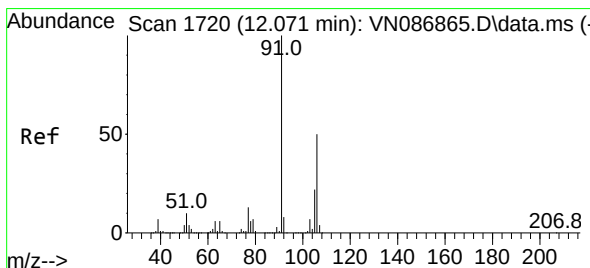
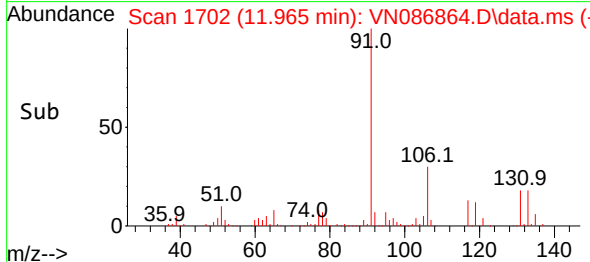
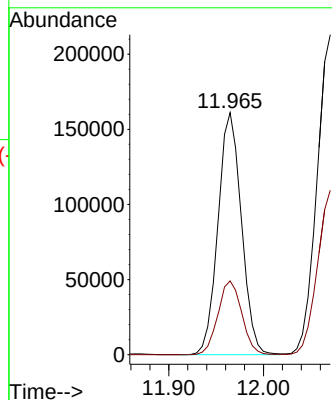
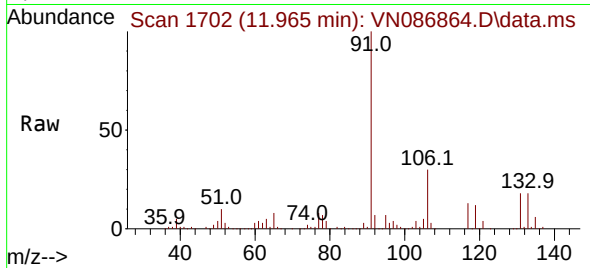




#67
Ethyl Benzene
Concen: 20.083 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

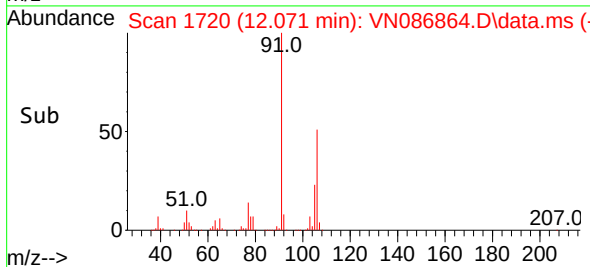
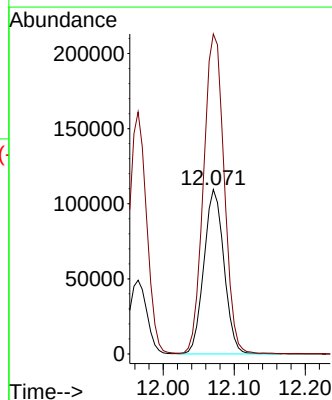
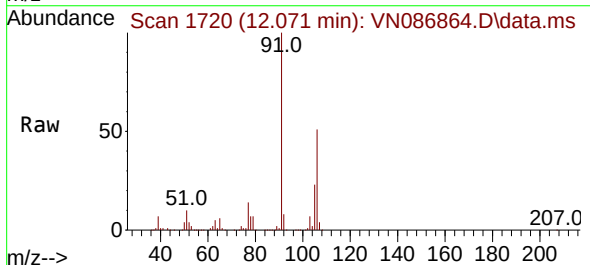
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

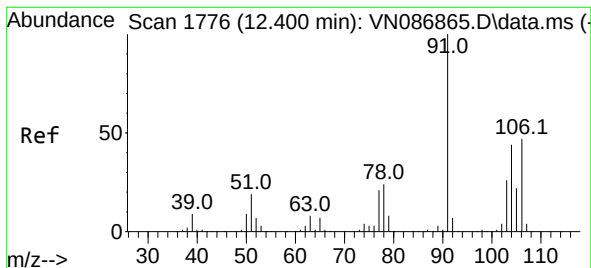
Tgt Ion: 91 Resp: 277087
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.2



#68
m/p-Xylenes
Concen: 40.780 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 106 Resp: 215378
Ion Ratio Lower Upper
106 100
91 199.8 159.4 239.0





#69

o-Xylene

Concen: 20.175 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN086864.D

Acq: 06 Jun 2025 13:40

Instrument :

MSVOA_N

ClientSampleId :

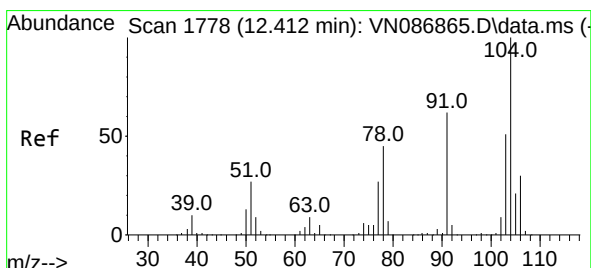
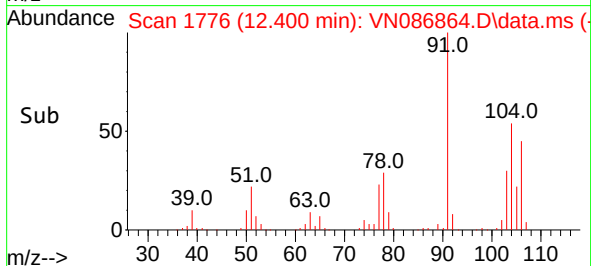
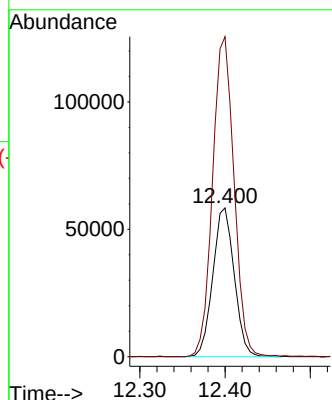
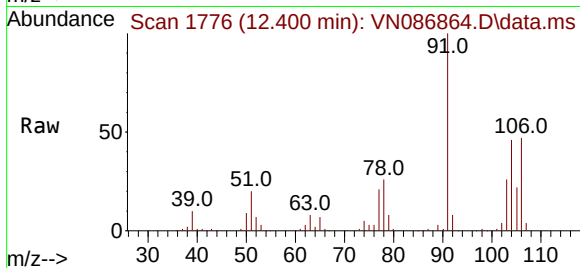
VSTDIC020

Tgt Ion:106 Resp: 102050

Ion Ratio Lower Upper

106 100

91 215.9 106.1 318.1



#70

Styrene

Concen: 20.572 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN086864.D

Acq: 06 Jun 2025 13:40

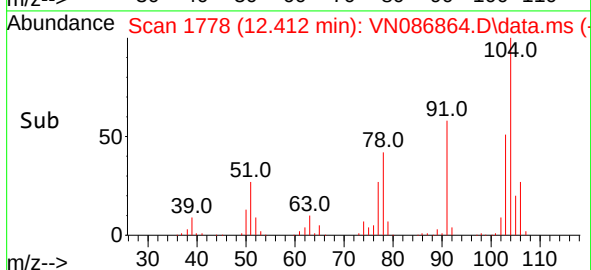
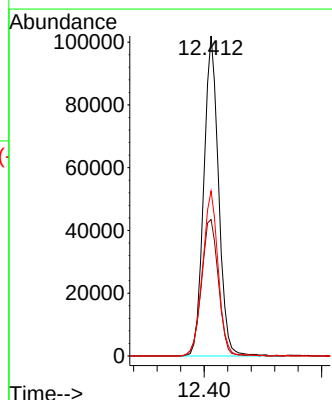
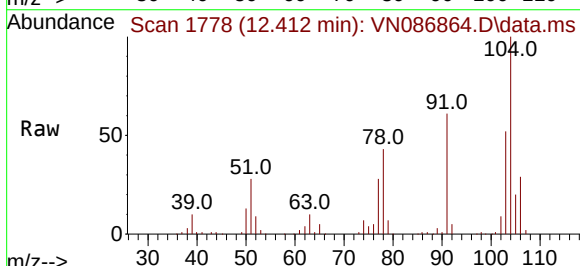
Tgt Ion:104 Resp: 178061

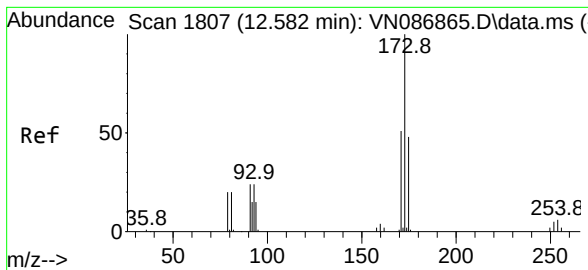
Ion Ratio Lower Upper

104 100

78 48.3 38.5 57.7

103 54.4 43.1 64.7

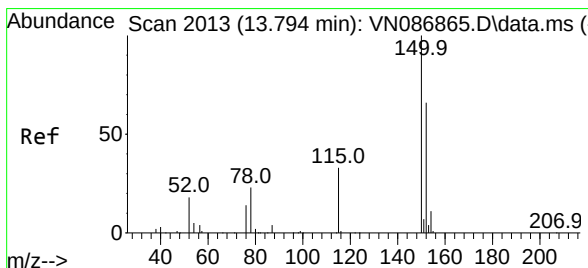
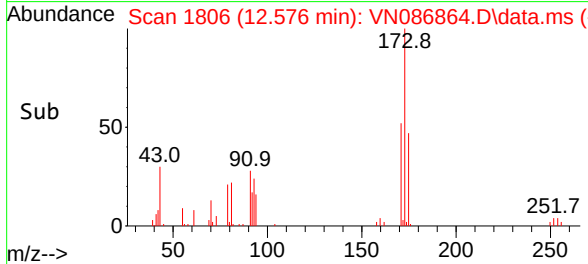
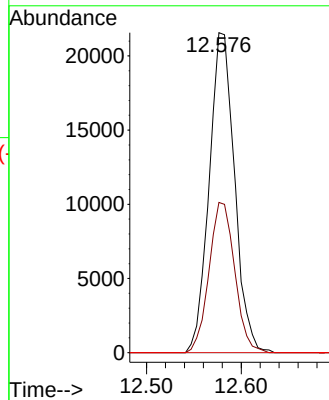
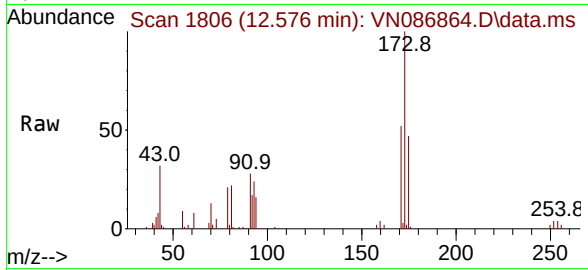




#71
Bromoform
Concen: 21.004 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

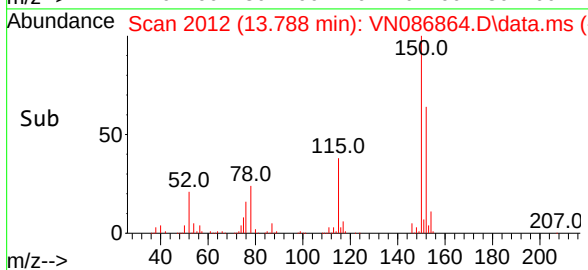
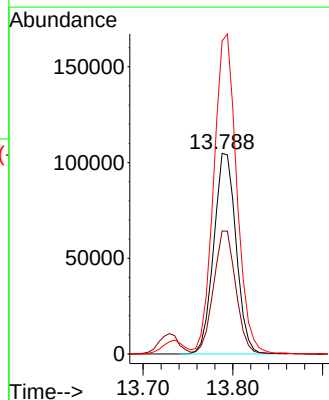
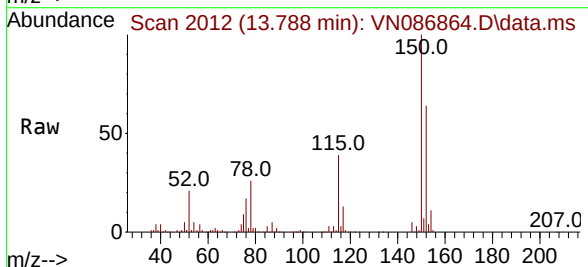
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

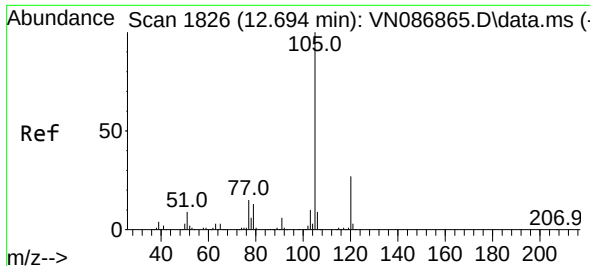
Tgt Ion:173 Resp: 40070
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:152 Resp: 181178
Ion Ratio Lower Upper
152 100
115 61.4 30.1 90.5
150 164.5 0.0 345.0

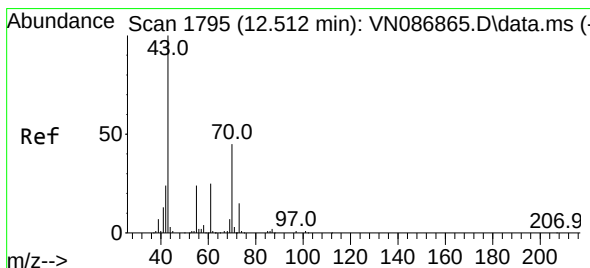
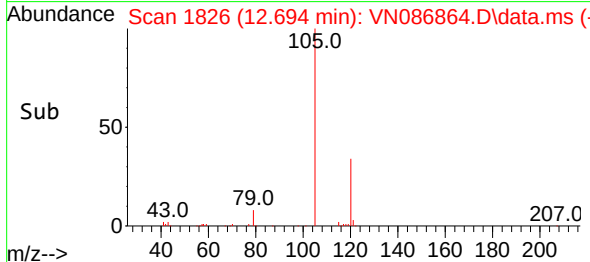
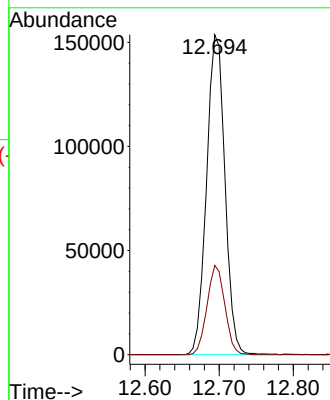
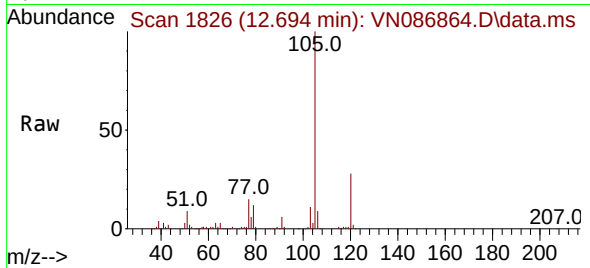




#73
Isopropylbenzene
Concen: 20.035 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

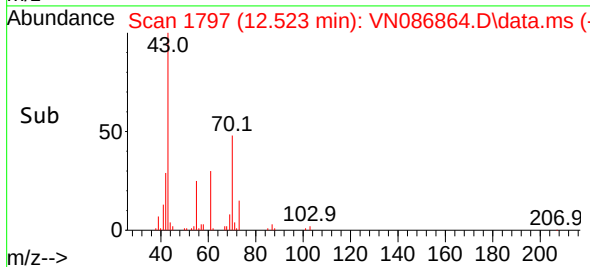
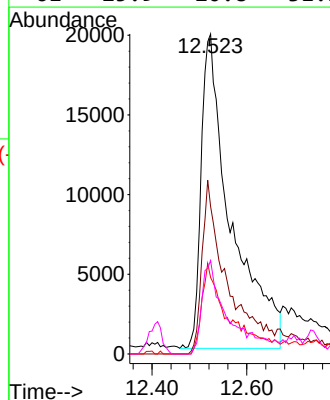
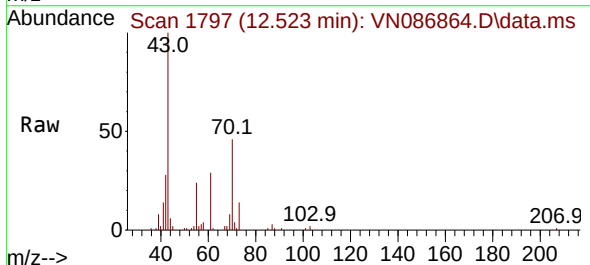
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

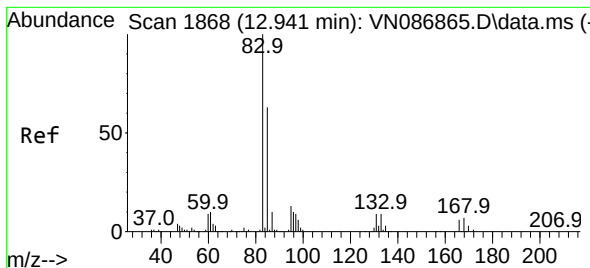
Tgt Ion:105 Resp: 264442
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4



#74
N-ethyl acetate
Concen: 19.633 ug/l
RT: 12.523 min Scan# 1797
Delta R.T. 0.012 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 43 Resp: 86003
Ion Ratio Lower Upper
43 100
70 47.7 37.6 56.4
55 26.6 19.0 28.6
61 25.9 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.634 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN086864.D

Acq: 06 Jun 2025 13:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

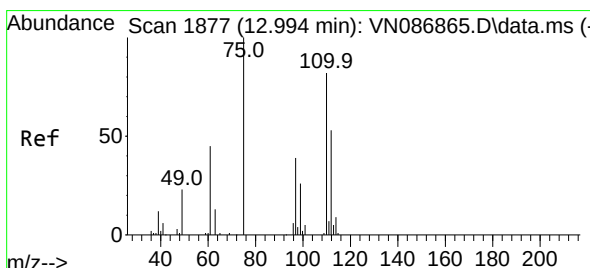
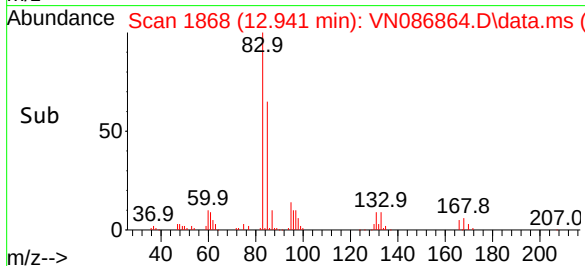
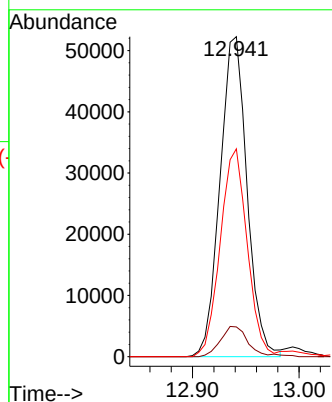
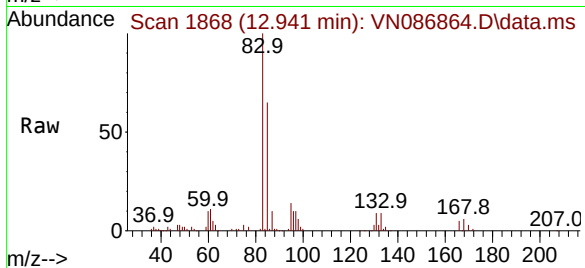
Tgt Ion: 83 Resp: 92264

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

85 64.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 28.448 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN086864.D

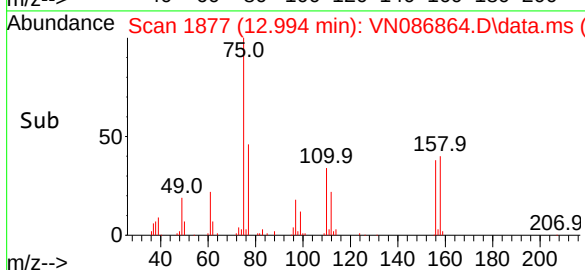
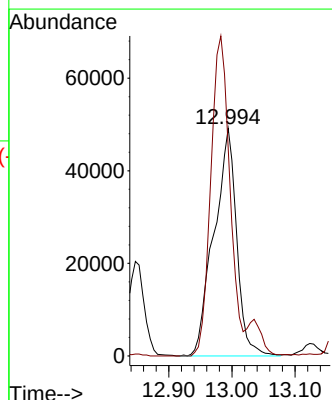
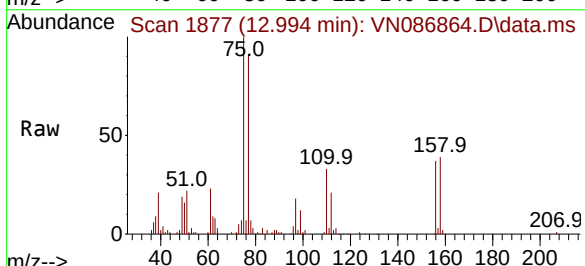
Acq: 06 Jun 2025 13:40

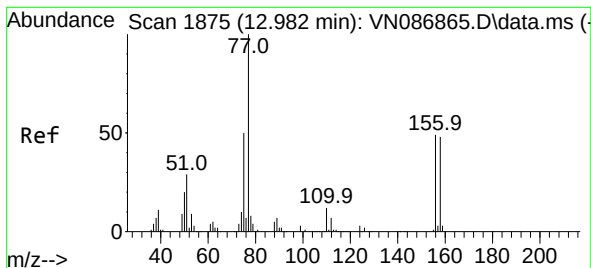
Tgt Ion: 75 Resp: 122897

Ion Ratio Lower Upper

75 100

77 117.5 79.3 237.9





#77

Bromobenzene

Concen: 20.111 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN086864.D

Acq: 06 Jun 2025 13:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

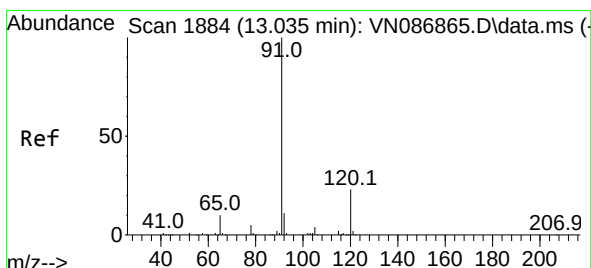
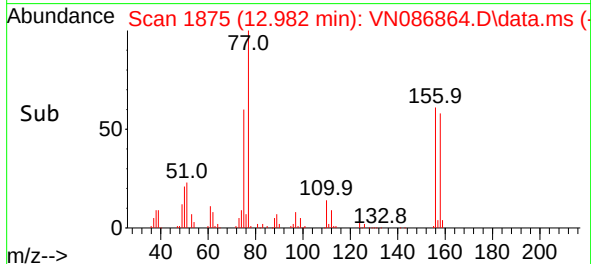
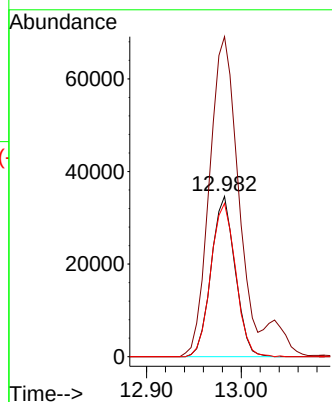
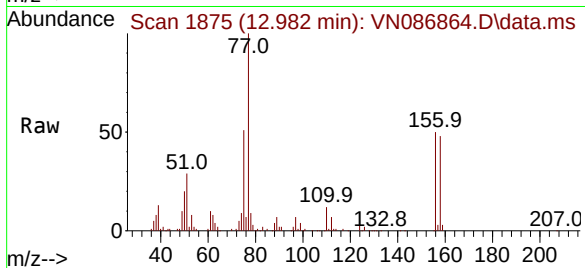
Tgt Ion:156 Resp: 60877

Ion Ratio Lower Upper

156 100

77 237.3 117.7 353.1

158 99.0 48.1 144.4



#78

n-propylbenzene

Concen: 20.102 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN086864.D

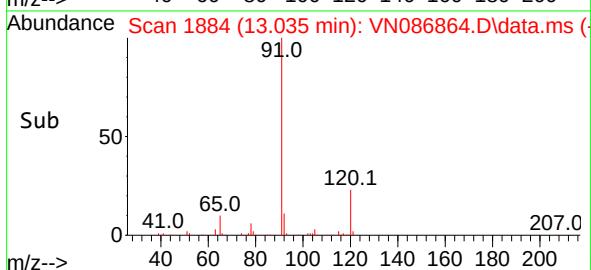
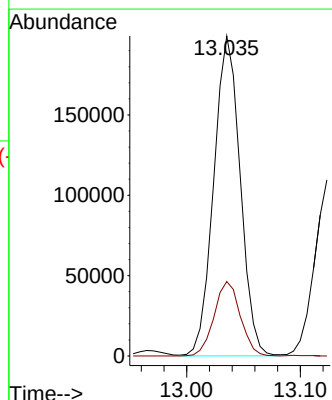
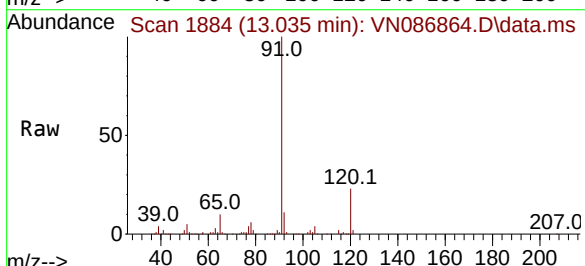
Acq: 06 Jun 2025 13:40

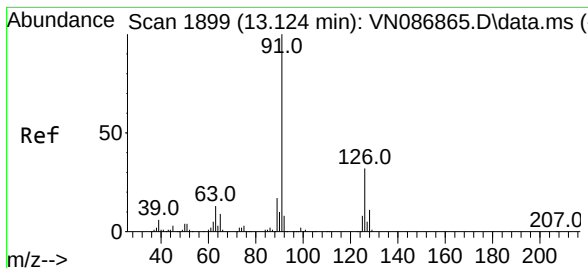
Tgt Ion: 91 Resp: 322436

Ion Ratio Lower Upper

91 100

120 22.9 11.4 34.2

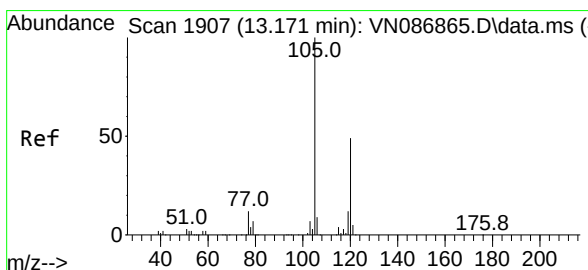
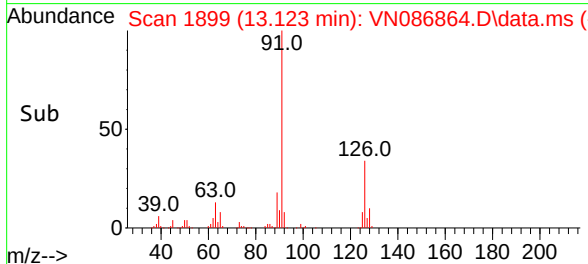
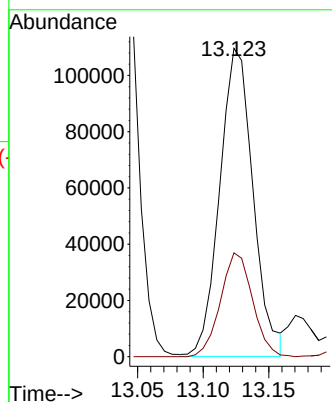
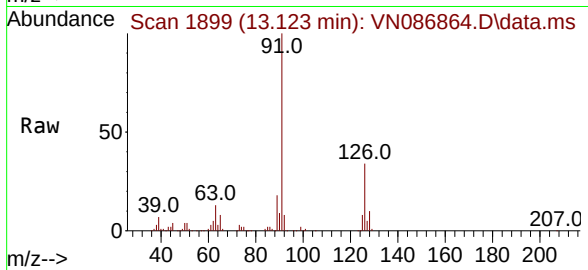




#79
2-Chlorotoluene
Concen: 20.144 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

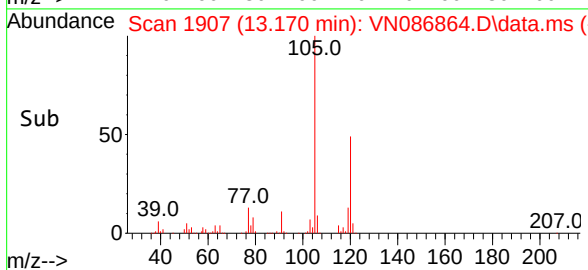
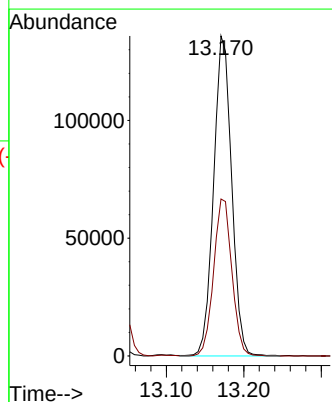
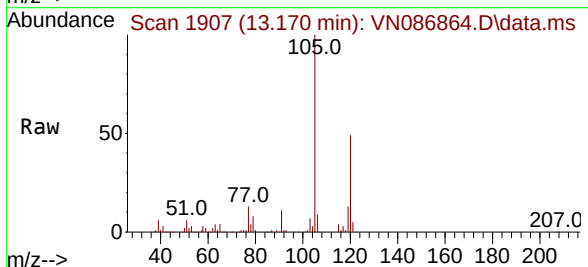
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MSVOA_N
ClientSampleId :
VSTDICC020

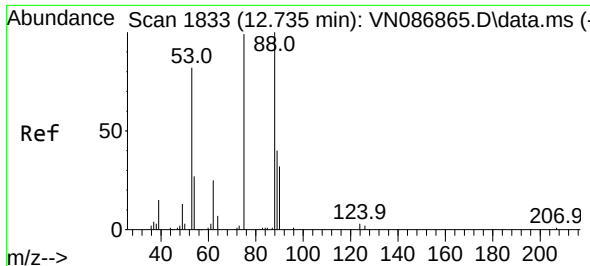
Tgt Ion: 91 Resp: 193774
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 20.183 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:105 Resp: 219937
Ion Ratio Lower Upper
105 100
120 49.6 24.9 74.6

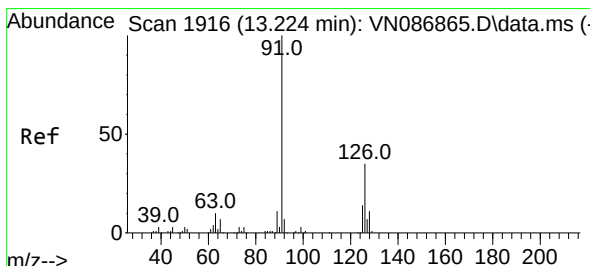
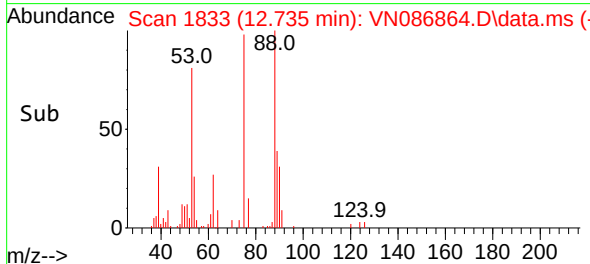
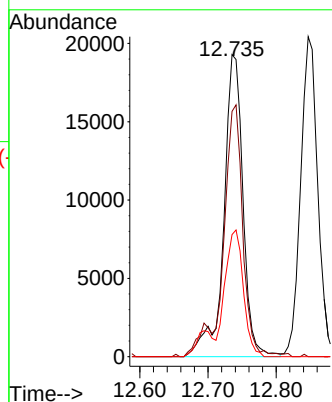
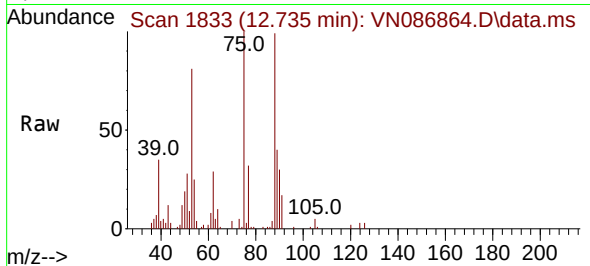




#81
trans-1,4-Dichloro-2-butene
Concen: 20.209 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

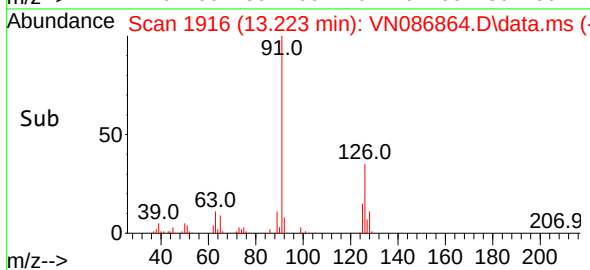
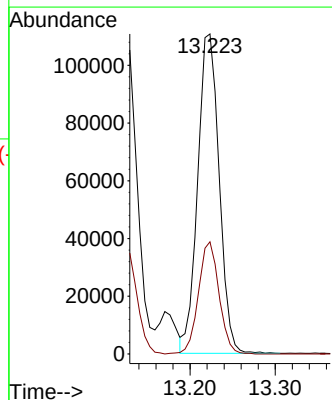
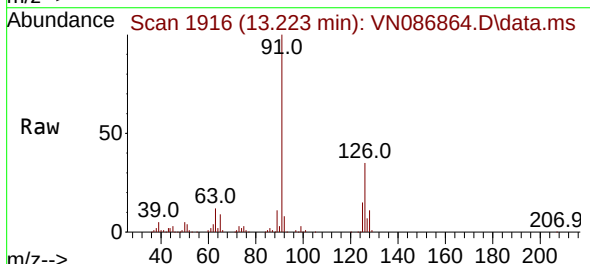
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

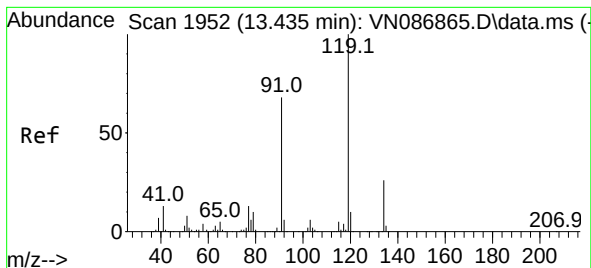
Tgt Ion: 75 Resp: 37808
Ion Ratio Lower Upper
75 100
53 77.3 66.6 99.8
89 39.6 36.7 55.1



#82
4-Chlorotoluene
Concen: 19.885 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 91 Resp: 193544
Ion Ratio Lower Upper
91 100
126 33.7 16.7 50.1





#83

tert-Butylbenzene

Concen: 19.880 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086864.D

Acq: 06 Jun 2025 13:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

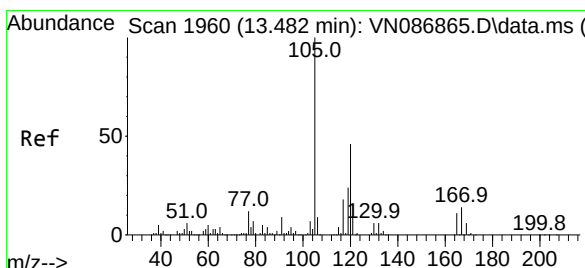
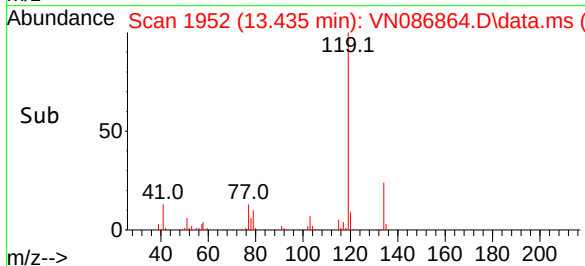
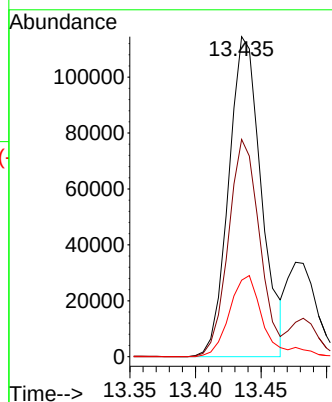
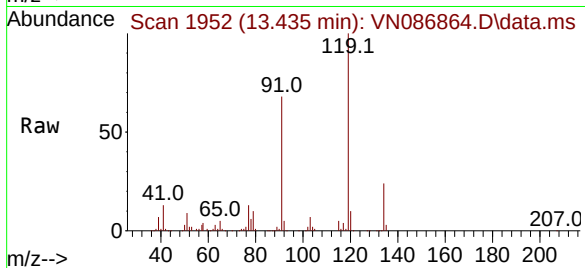
Tgt Ion:119 Resp: 198303

Ion Ratio Lower Upper

119 100

91 65.2 32.1 96.5

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.315 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN086864.D

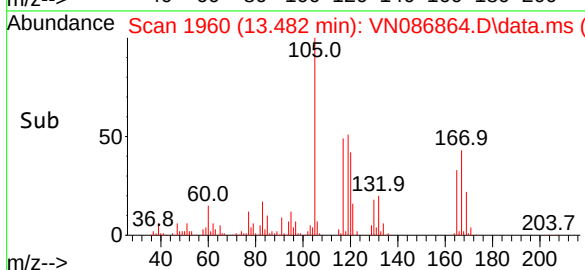
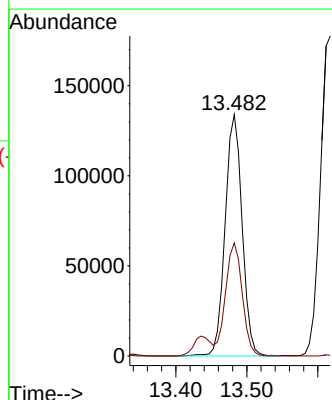
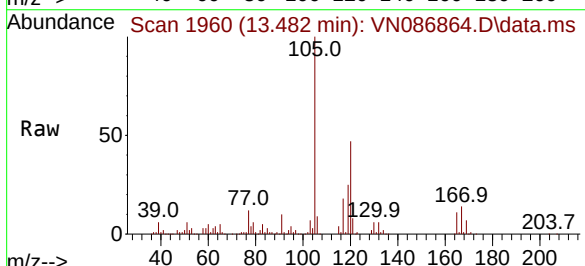
Acq: 06 Jun 2025 13:40

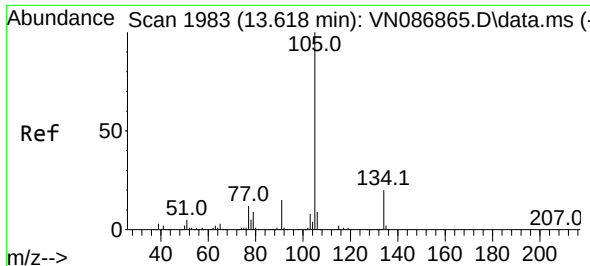
Tgt Ion:105 Resp: 221990

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6

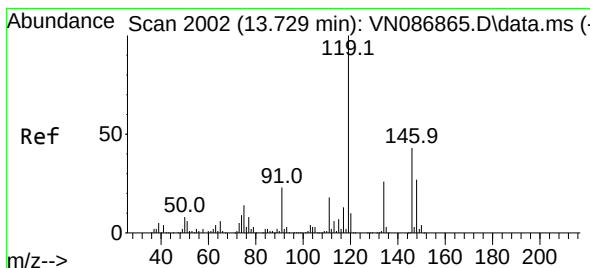
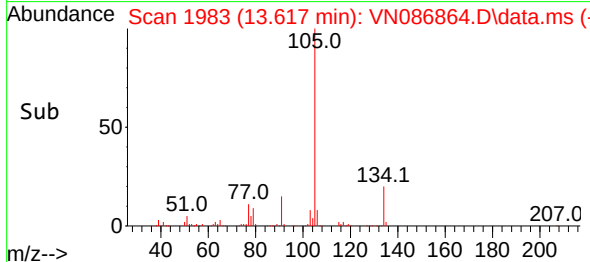
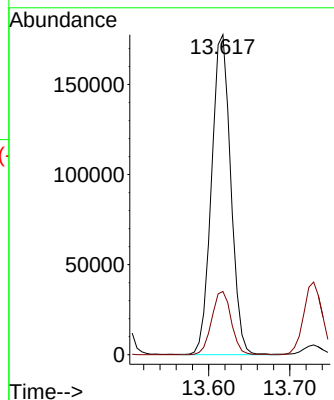
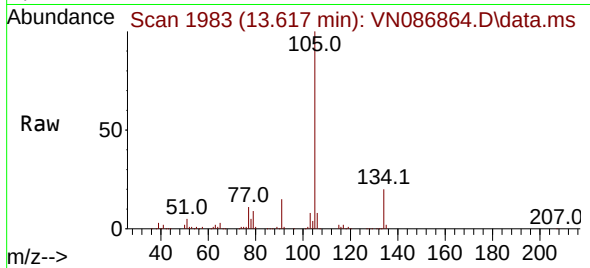




#85
 sec-Butylbenzene
 Concen: 20.196 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN086864.D
 Acq: 06 Jun 2025 13:40

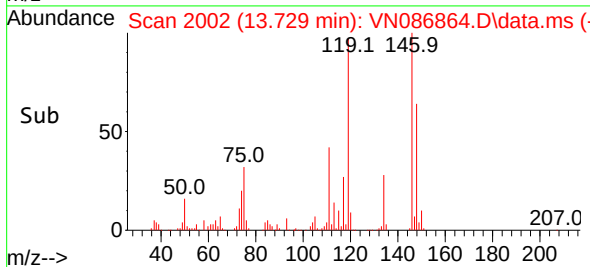
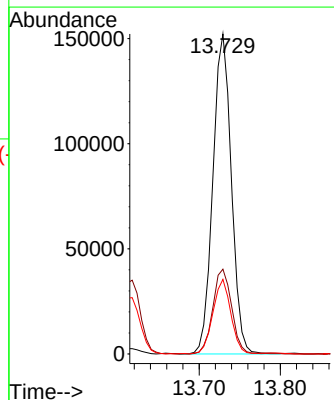
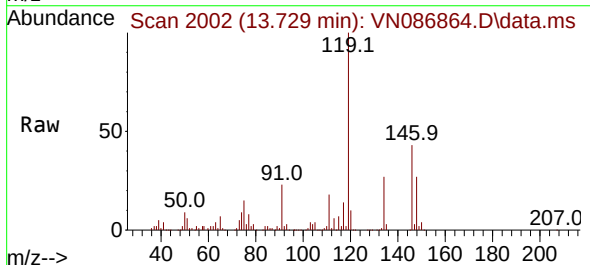
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

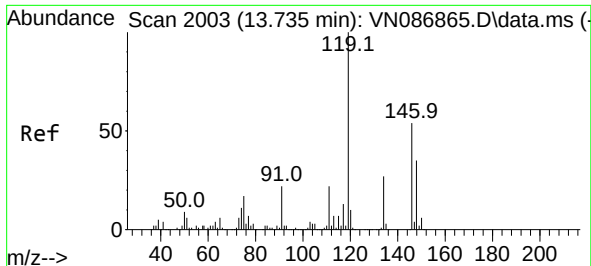
Tgt Ion:105 Resp: 292563
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 20.099 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086864.D
 Acq: 06 Jun 2025 13:40

Tgt Ion:119 Resp: 240682
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.5 40.4
 91 22.7 11.5 34.4

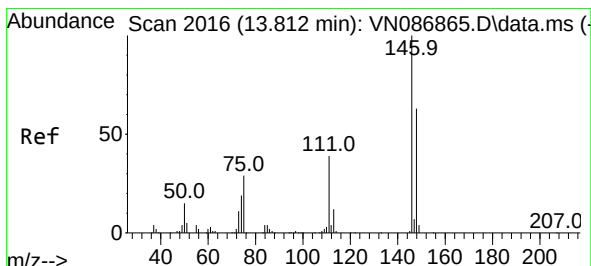
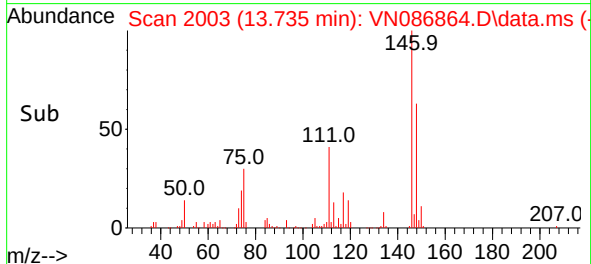
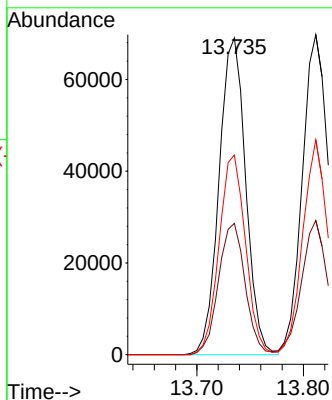
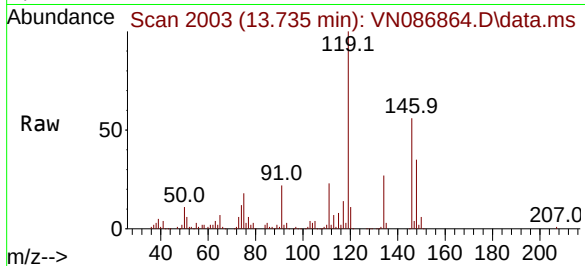




#87
 1,3-Dichlorobenzene
 Concen: 20.166 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN086864.D
 Acq: 06 Jun 2025 13:40

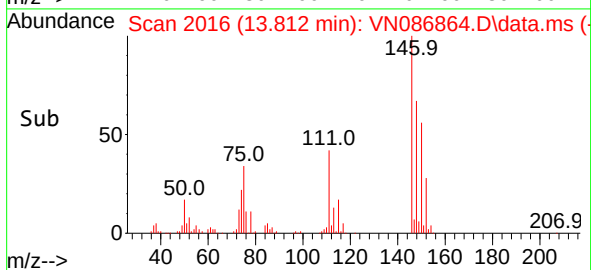
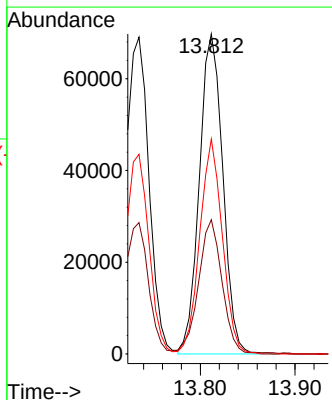
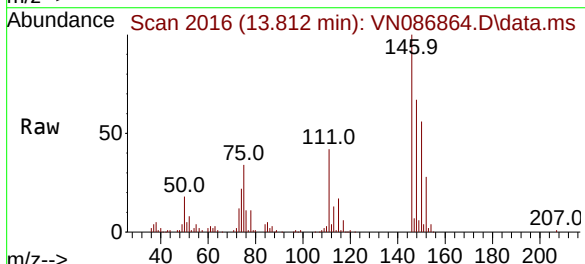
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

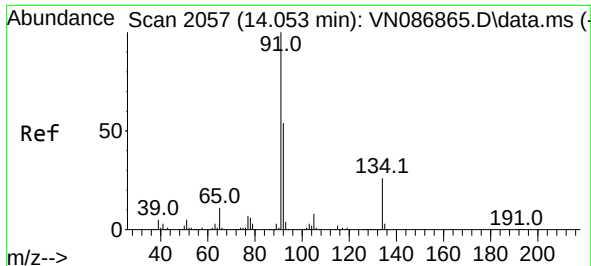
Tgt Ion:146 Resp: 120099
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.9 62.8
 148 62.5 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.780 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086864.D
 Acq: 06 Jun 2025 13:40

Tgt Ion:146 Resp: 120102
 Ion Ratio Lower Upper
 146 100
 111 42.5 19.9 59.7
 148 64.7 31.8 95.4

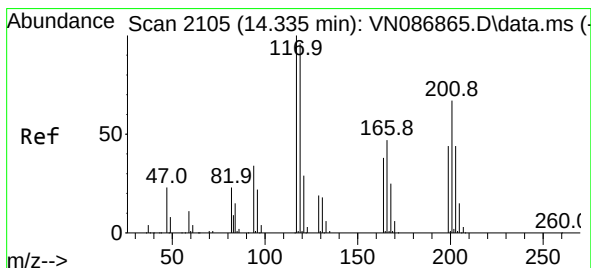
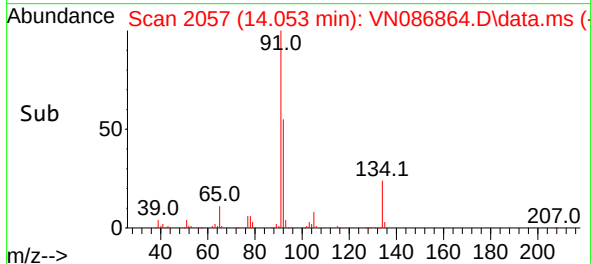
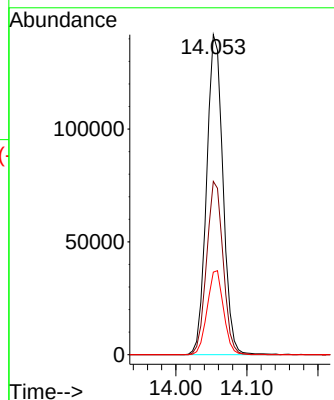
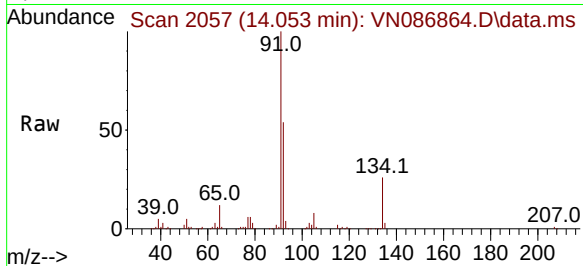




#89
n-Butylbenzene
Concen: 19.617 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

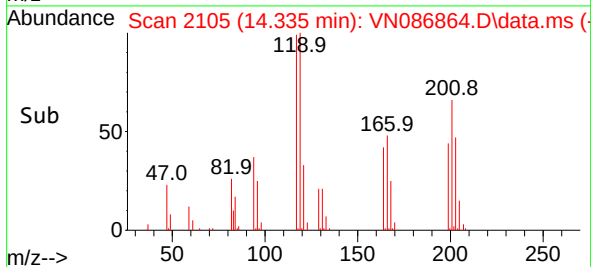
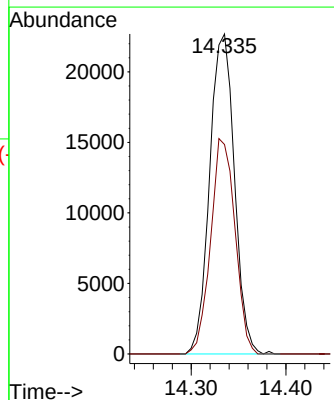
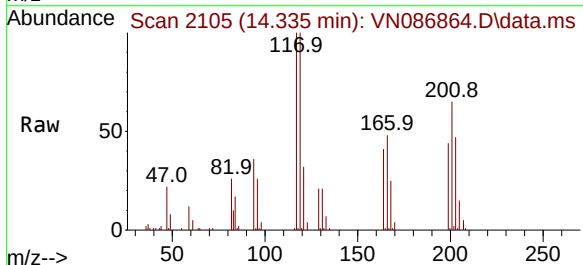
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

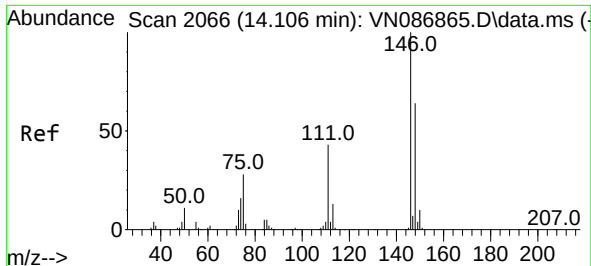
Tgt Ion:	91	Resp:	227536
Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.5	82.4
134	26.2	13.0	39.0



#90
Hexachloroethane
Concen: 20.299 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:	117	Resp:	41202
Ion	Ratio	Lower	Upper
117	100		
201	66.2	33.2	99.6

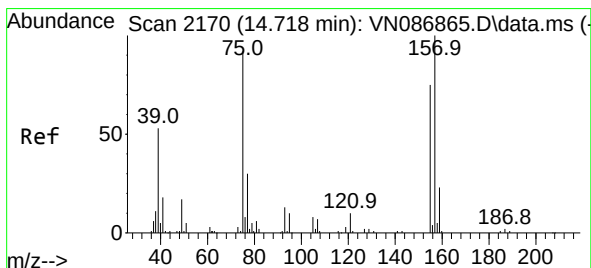
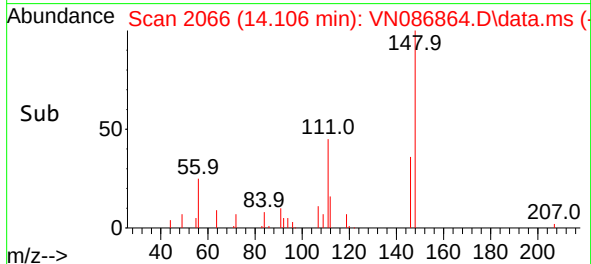
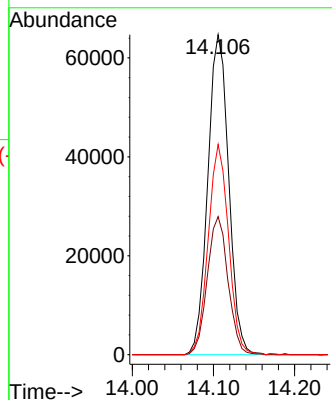
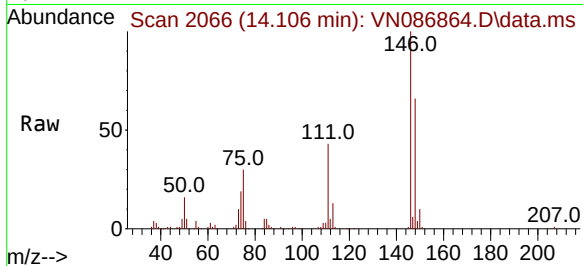




#91
1,2-Dichlorobenzene
Concen: 20.212 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

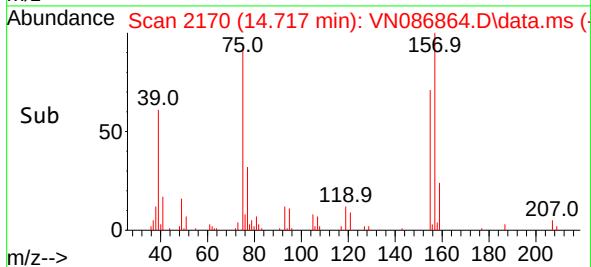
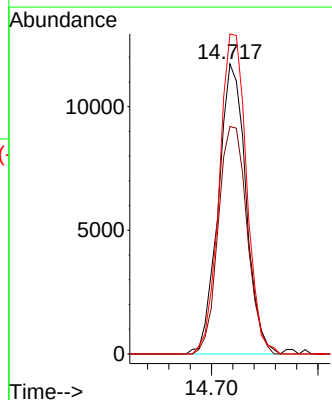
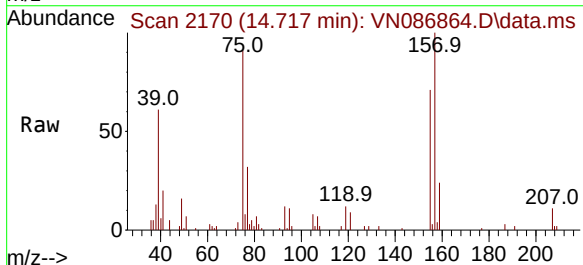
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MSVOA_N
ClientSampleId :
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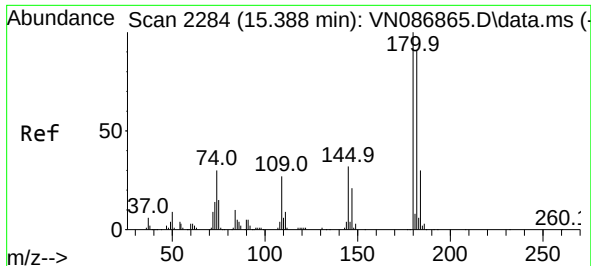
Tgt Ion:146 Resp: 115645
Ion Ratio Lower Upper
146 100
111 42.9 21.6 64.6
148 63.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.661 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion: 75 Resp: 21025
Ion Ratio Lower Upper
75 100
155 81.8 41.1 123.4
157 109.0 52.7 158.1

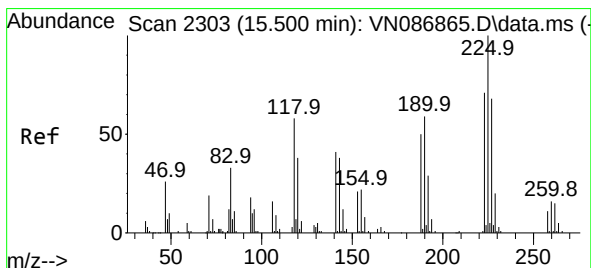
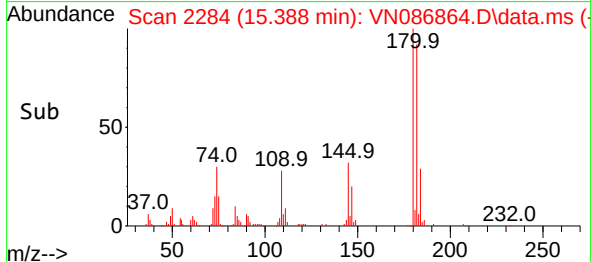
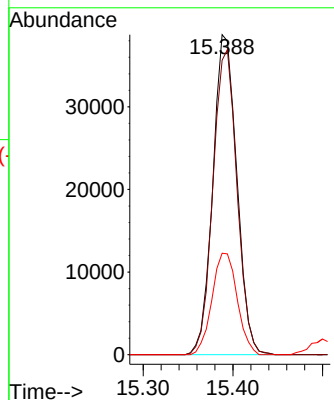
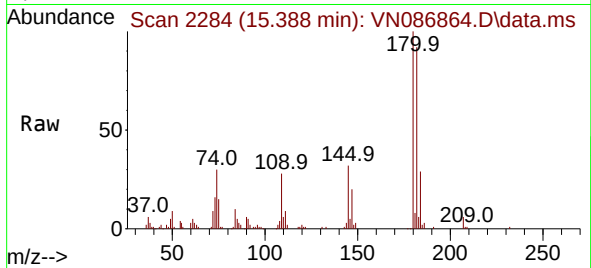




#93
1,2,4-Trichlorobenzene
Concen: 19.659 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

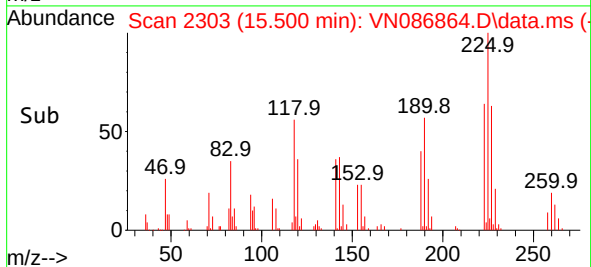
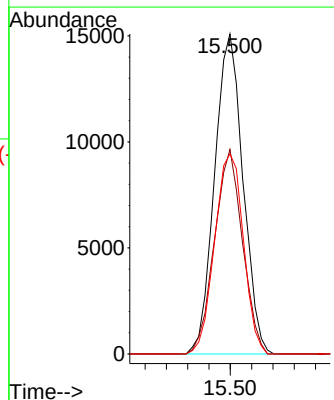
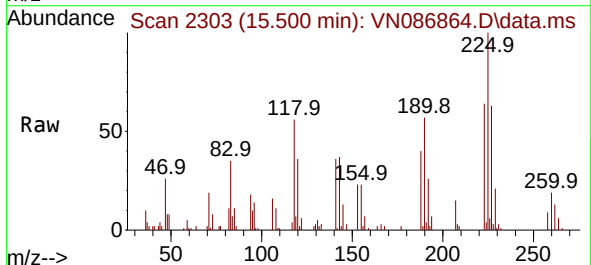
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

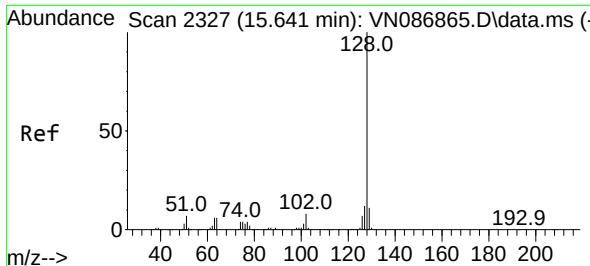
Tgt Ion:180 Resp: 71826
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.7
145 33.3 16.0 47.9



#94
Hexachlorobutadiene
Concen: 20.486 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:225 Resp: 27887
Ion Ratio Lower Upper
225 100
223 63.0 33.5 100.4
227 63.3 31.1 93.5

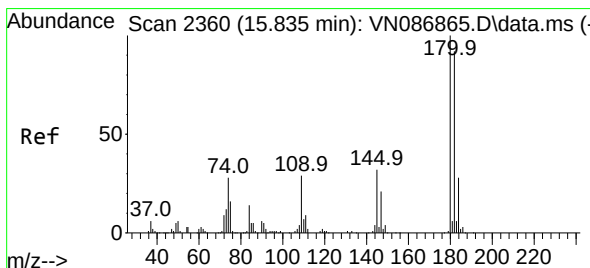
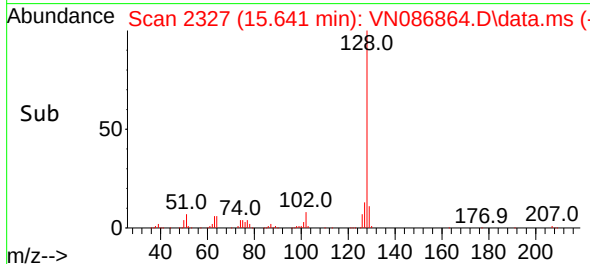
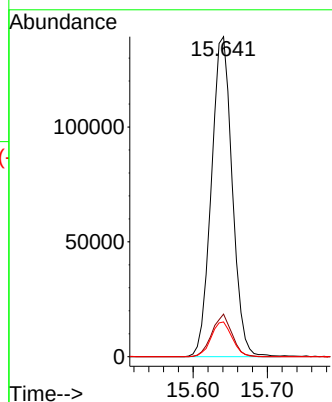
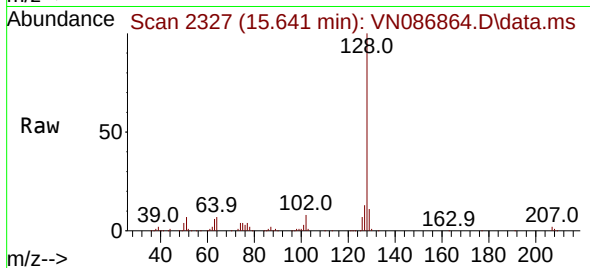




#95
Naphthalene
Concen: 20.043 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 272584
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.815 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN086864.D
Acq: 06 Jun 2025 13:40

Tgt Ion:180 Resp: 71929
Ion Ratio Lower Upper
180 100
182 95.3 47.0 141.0
145 33.1 16.6 49.8

