

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083293.D
 Acq On : 14 Aug 2024 11:16
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Aug 14 14:16:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	163831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	258614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122472	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126608	54.293	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.580%	
35) Dibromofluoromethane	8.171	113	94269	52.013	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.020%	
50) Toluene-d8	10.565	98	349219	51.654	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.300%	
62) 4-Bromofluorobenzene	12.847	95	136994	51.976	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 103.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	87216	46.944	ug/l	98
3) Chloromethane	2.365	50	87224	45.857	ug/l	95
4) Vinyl Chloride	2.512	62	97838	50.410	ug/l	97
5) Bromomethane	2.942	94	52166	43.316	ug/l	95
6) Chloroethane	3.112	64	63136	51.995	ug/l	97
7) Trichlorofluoromethane	3.495	101	165825	51.719	ug/l	96
8) Diethyl Ether	3.959	74	59793	50.117	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.371	101	89007	50.352	ug/l	96
10) Methyl Iodide	4.589	142	96424	41.467	ug/l	92
11) Tert butyl alcohol	5.530	59	108856	224.620	ug/l	97
12) 1,1-Dichloroethene	4.336	96	86528	47.645	ug/l	93
13) Acrolein	4.177	56	73261	231.949	ug/l	99
14) Allyl chloride	5.024	41	149946	43.691	ug/l	88
15) Acrylonitrile	5.718	53	251493	252.327	ug/l	99
16) Acetone	4.424	43	212752	233.157	ug/l	97
17) Carbon Disulfide	4.712	76	221347	41.654	ug/l	98
18) Methyl Acetate	5.030	43	144046	52.984	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	332772	50.765	ug/l	98
20) Methylene Chloride	5.277	84	98909	47.099	ug/l	87
21) trans-1,2-Dichloroethene	5.788	96	90397	48.160	ug/l	91
22) Diisopropyl ether	6.671	45	333976	51.770	ug/l	94
23) Vinyl Acetate	6.606	43	1649810	249.505	ug/l	96
24) 1,1-Dichloroethane	6.571	63	182732	51.967	ug/l	100
25) 2-Butanone	7.482	43	342141	244.196	ug/l #	90
26) 2,2-Dichloropropane	7.494	77	76541	23.439	ug/l	93
27) cis-1,2-Dichloroethene	7.488	96	112406	49.627	ug/l	88
28) Bromochloromethane	7.818	49	70443	49.020	ug/l #	83
29) Tetrahydrofuran	7.841	42	229510	253.402	ug/l	90
30) Chloroform	7.971	83	194540	53.252	ug/l	99
31) Cyclohexane	8.259	56	154936	44.834	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	179199	51.823	ug/l	95
36) 1,1-Dichloropropene	8.371	75	131294	47.888	ug/l	99
37) Ethyl Acetate	7.559	43	137850	44.906	ug/l #	94
38) Carbon Tetrachloride	8.365	117	152136	49.267	ug/l	97
39) Methylcyclohexane	9.600	83	149996	44.542	ug/l	95
40) Benzene	8.606	78	404063	49.472	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	79897	45.775	ug/l	95
42) 1,2-Dichloroethane	8.671	62	152062	51.109	ug/l	99
43) Isopropyl Acetate	8.688	43	259105	48.572	ug/l #	94
44) Trichloroethene	9.353	130	94869	48.799	ug/l	93
45) 1,2-Dichloropropane	9.624	63	98947	51.037	ug/l	93
46) Dibromomethane	9.706	93	71347	51.414	ug/l	100
47) Bromodichloromethane	9.888	83	157858	50.662	ug/l	98
48) Methyl methacrylate	9.682	41	117810	46.420	ug/l	91
49) 1,4-Dioxane	9.694	88	45123	985.503	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	737093	253.916	ug/l	93
52) Toluene	10.629	92	256435	49.691	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	141845	44.317	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	150558	44.225	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	97490	52.714	ug/l	94
56) Ethyl methacrylate	10.876	69	171617	49.224	ug/l	88
57) 1,3-Dichloropropane	11.165	76	169515	51.424	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	362573	246.025	ug/l	96
59) 2-Hexanone	11.194	43	552591	246.056	ug/l	93
60) Dibromochloromethane	11.359	129	116816	52.243	ug/l	98
61) 1,2-Dibromoethane	11.470	107	97276	50.070	ug/l	98
64) Tetrachloroethene	11.106	164	86731	50.639	ug/l	95
65) Chlorobenzene	11.894	112	277901	48.626	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	98689	48.963	ug/l	99
67) Ethyl Benzene	11.965	91	510560	48.699	ug/l	100
68) m/p-Xylenes	12.070	106	380831	96.971	ug/l	98
69) o-Xylene	12.400	106	188426	48.647	ug/l	99
70) Styrene	12.412	104	322289	49.541	ug/l	98
71) Bromoform	12.582	173	76410	50.041	ug/l #	98
73) Isopropylbenzene	12.694	105	492063	48.035	ug/l	100
74) N-amyl acetate	12.494	43	224593	44.823	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	142069	49.035	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	106614m	39.664	ug/l	
77) Bromobenzene	12.982	156	110681	48.639	ug/l	97
78) n-propylbenzene	13.035	91	570625	48.376	ug/l	100
79) 2-Chlorotoluene	13.123	91	358278	47.909	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	415668	48.467	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	39080	31.626	ug/l	96
82) 4-Chlorotoluene	13.223	91	359993	47.991	ug/l	98
83) tert-Butylbenzene	13.435	119	366056	48.197	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	421815	48.805	ug/l	99
85) sec-Butylbenzene	13.617	105	496548	47.913	ug/l	100
86) p-Isopropyltoluene	13.729	119	420468	49.138	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	208290	48.645	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	206401	47.814	ug/l	98
89) n-Butylbenzene	14.059	91	353270	47.646	ug/l	98
90) Hexachloroethane	14.335	117	78305	47.367	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	199616	48.176	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31393	44.652	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	109984	47.380	ug/l	99
94) Hexachlorobutadiene	15.500	225	42692	41.354	ug/l	100
95) Naphthalene	15.641	128	389886	47.416	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	108701	47.325	ug/l	97

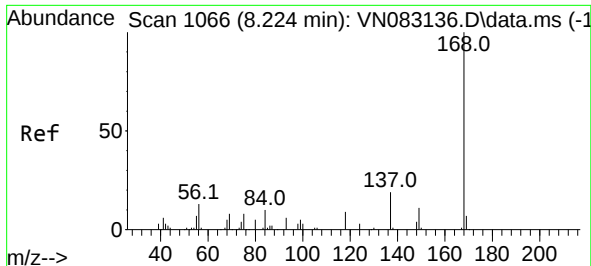
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QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

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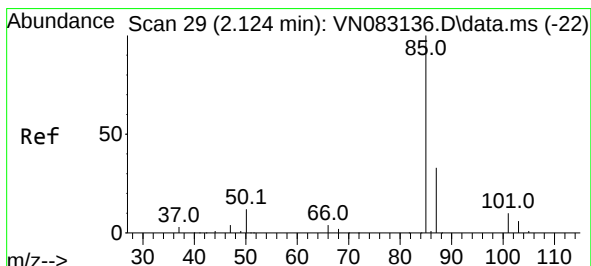
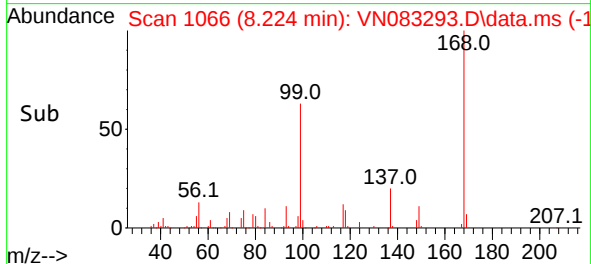
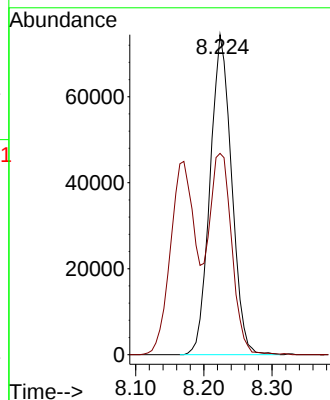
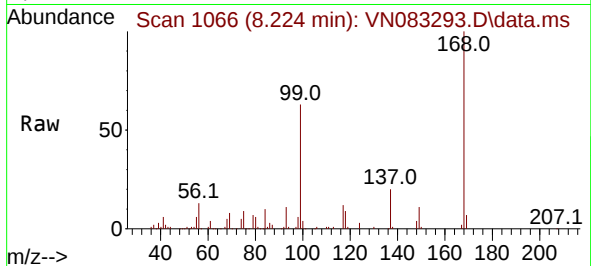
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

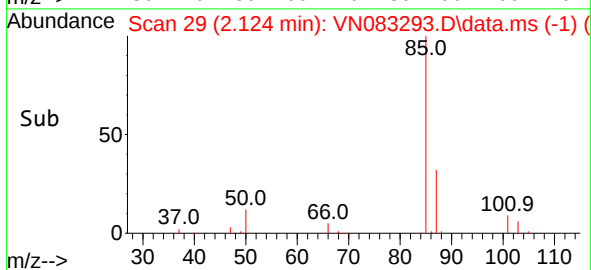
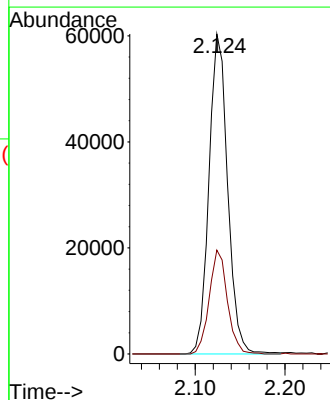
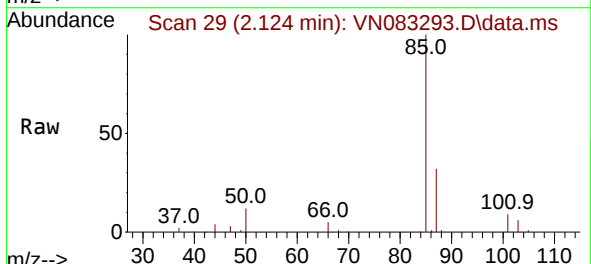
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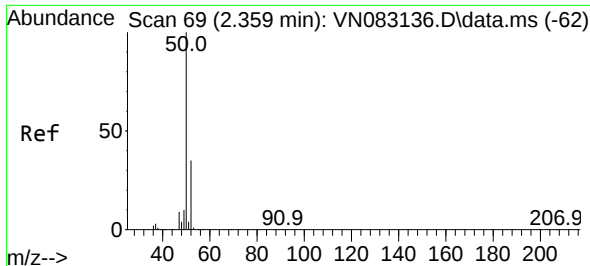
Tgt Ion:168 Resp: 163831
Ion Ratio Lower Upper
168 100
99 62.7 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 46.944 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 85 Resp: 87216
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.0

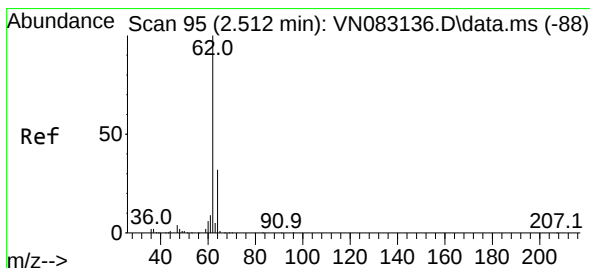
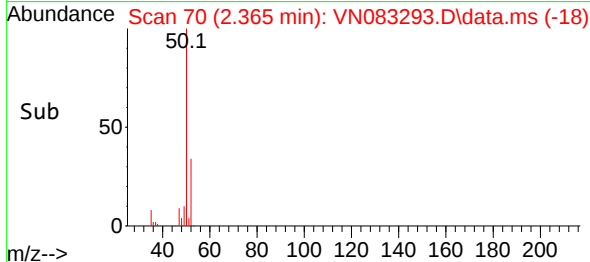
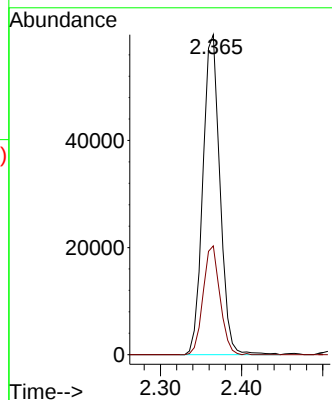
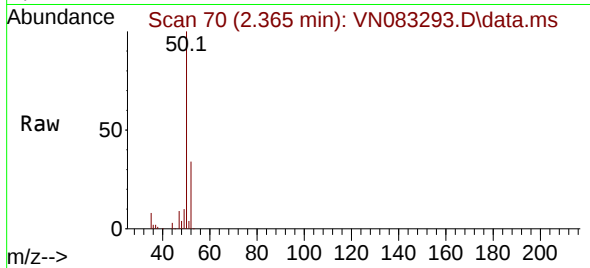




#3
Chloromethane
Concen: 45.857 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

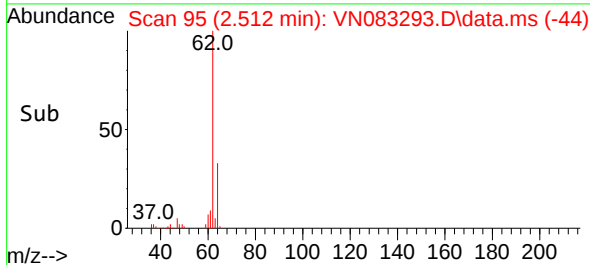
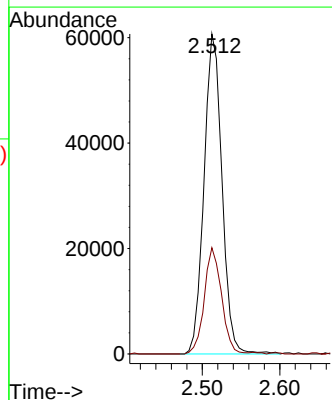
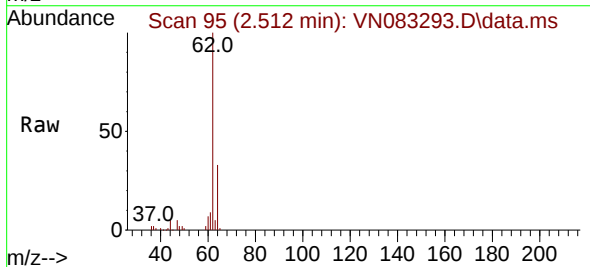
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ClientSampleId :
VSTDCCC050EC

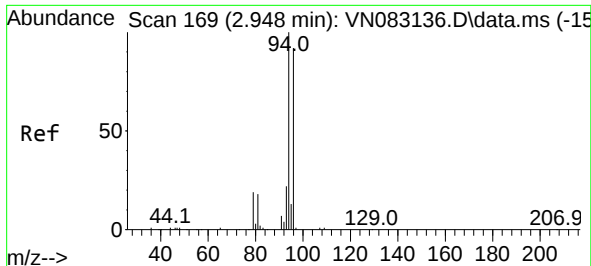
Tgt Ion: 50 Resp: 87224
Ion Ratio Lower Upper
50 100
52 34.0 25.0 37.4



#4
Vinyl Chloride
Concen: 50.410 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 62 Resp: 97838
Ion Ratio Lower Upper
62 100
64 33.2 25.0 37.6

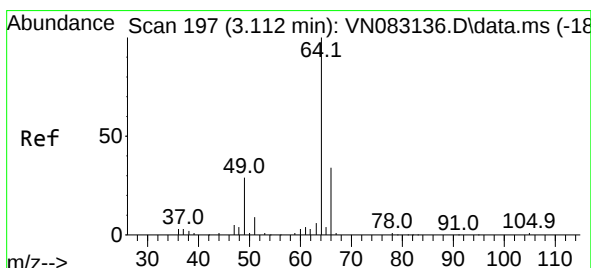
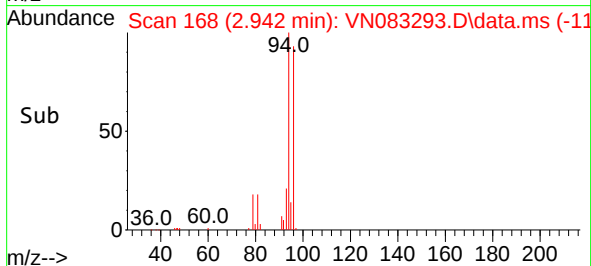
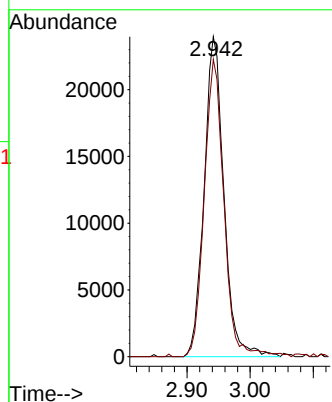
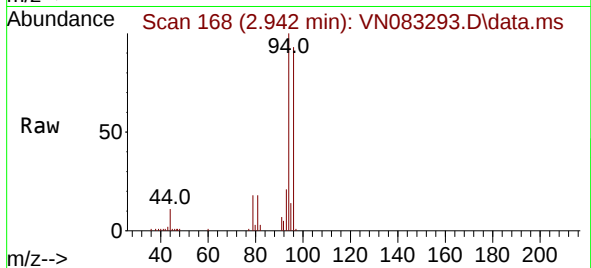




#5
Bromomethane
Concen: 43.316 ug/l
RT: 2.942 min Scan# 168
Delta R.T. -0.006 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

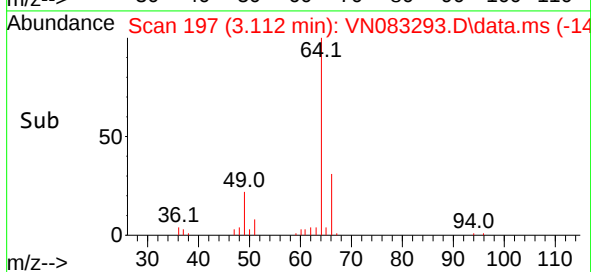
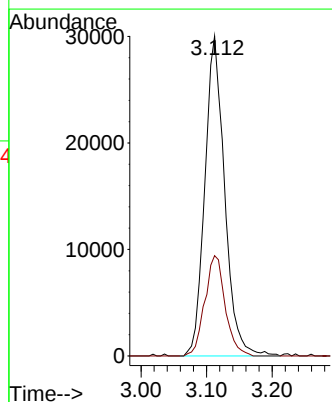
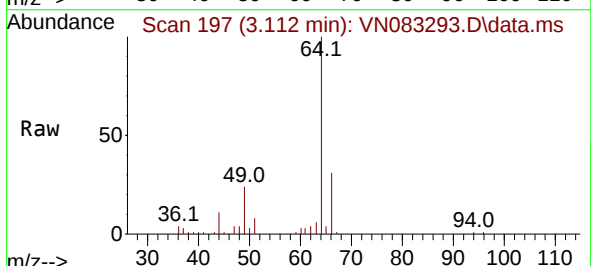
Instrument :
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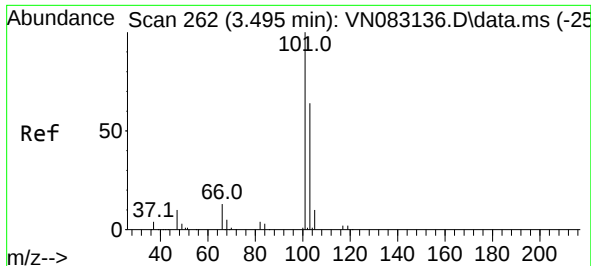
Tgt Ion: 94 Resp: 52166
Ion Ratio Lower Upper
94 100
96 92.9 78.0 117.0



#6
Chloroethane
Concen: 51.995 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 64 Resp: 63136
Ion Ratio Lower Upper
64 100
66 31.4 26.6 40.0

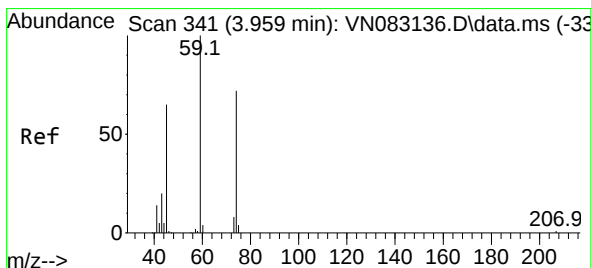
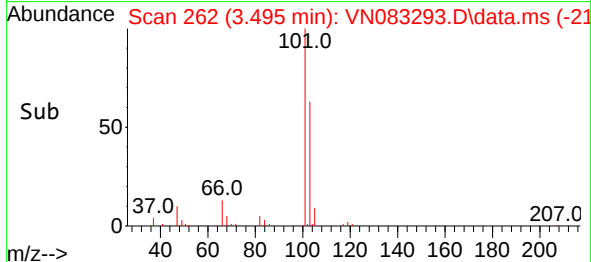
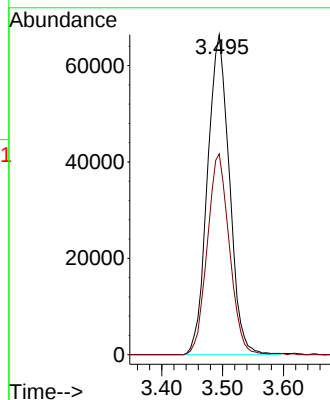
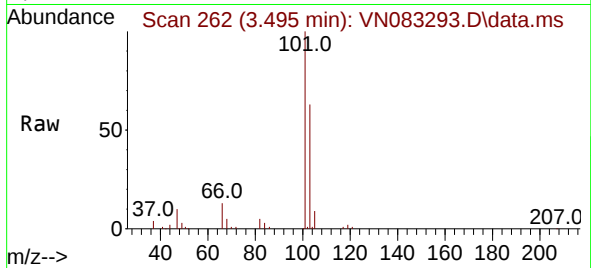




#7
 Trichlorofluoromethane
 Concen: 51.719 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.000 min
 Lab File: VN083293.D
 Acq: 14 Aug 2024 11:16

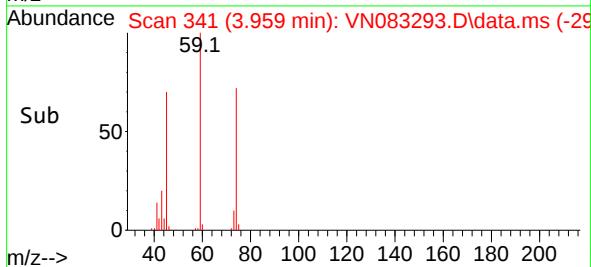
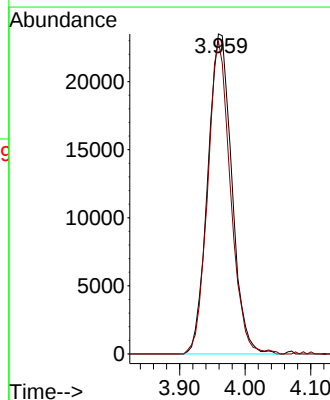
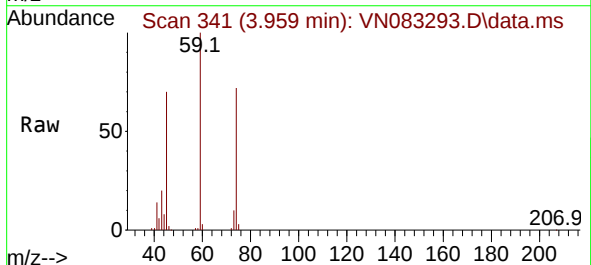
Instrument :
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 ClientSampleId :
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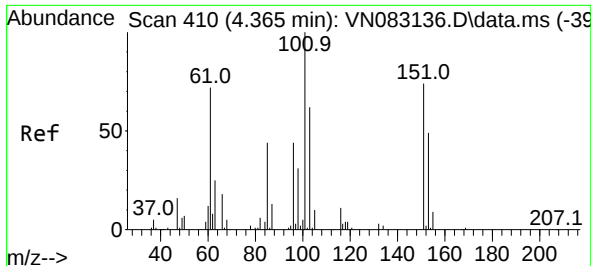
Tgt Ion:101 Resp: 165825
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.7 79.1



#8
 Diethyl Ether
 Concen: 50.117 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN083293.D
 Acq: 14 Aug 2024 11:16

Tgt Ion: 74 Resp: 59793
 Ion Ratio Lower Upper
 74 100
 45 93.0 55.5 166.3

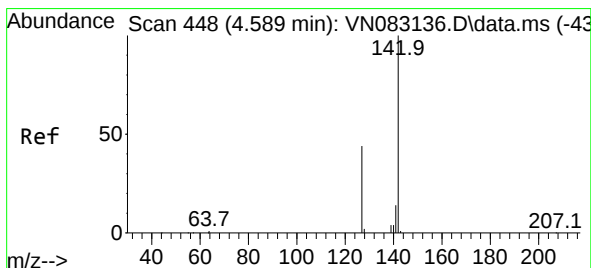
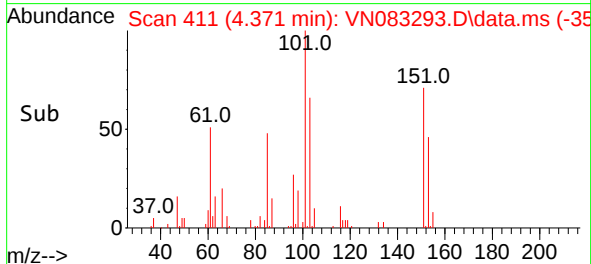
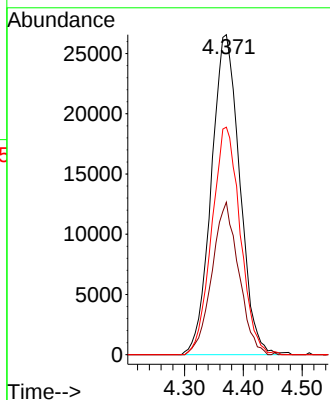
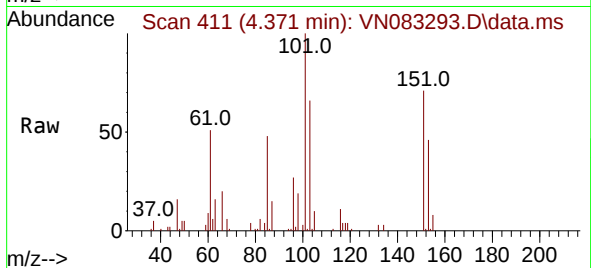




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.352 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN083293.D
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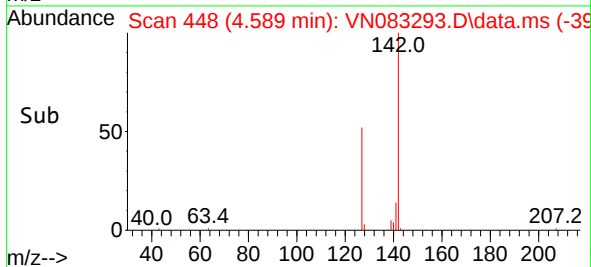
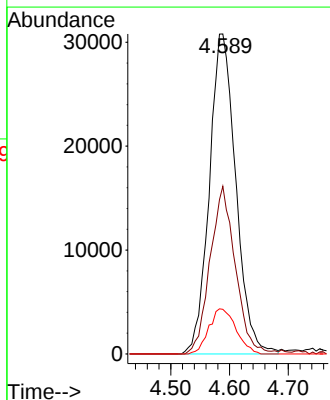
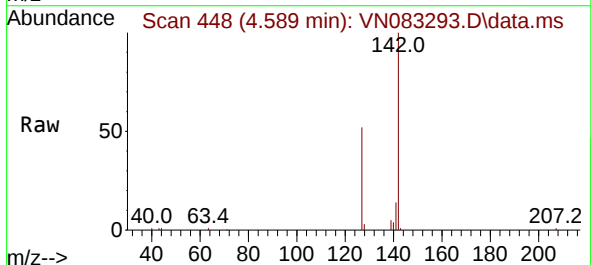
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 89007
Ion Ratio Lower Upper
101 100
85 45.1 38.3 57.5
151 71.4 59.3 88.9



#10
Methyl Iodide
Concen: 41.467 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion:142 Resp: 96424
Ion Ratio Lower Upper
142 100
127 52.4 37.5 56.3
141 14.0 13.1 19.7

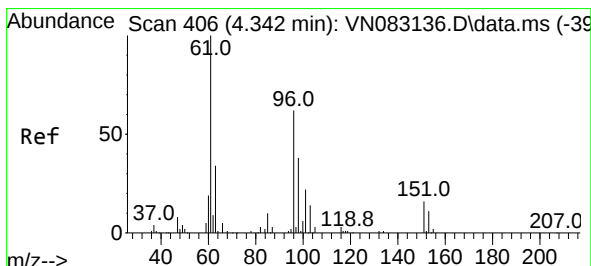
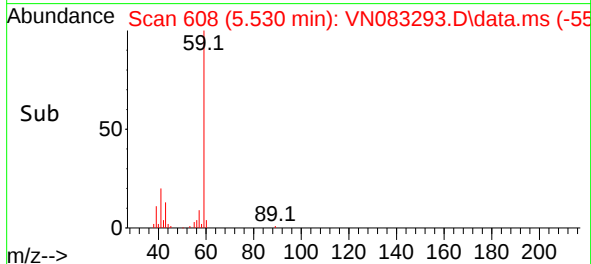
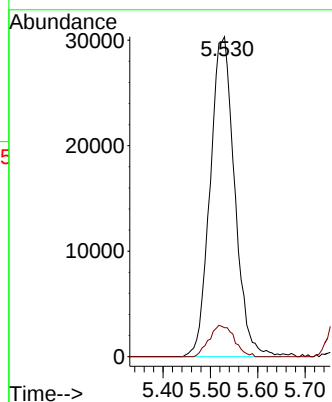
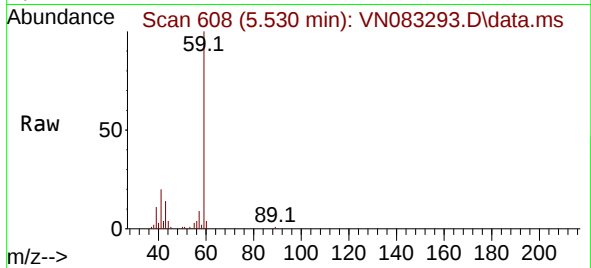




#11
Tert butyl alcohol
Concen: 224.620 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

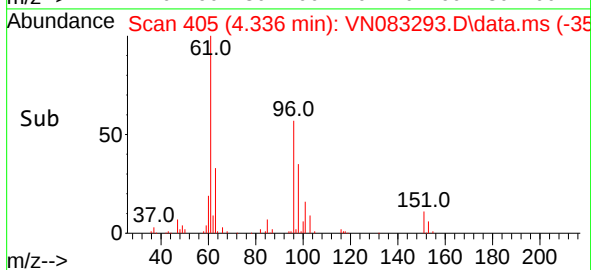
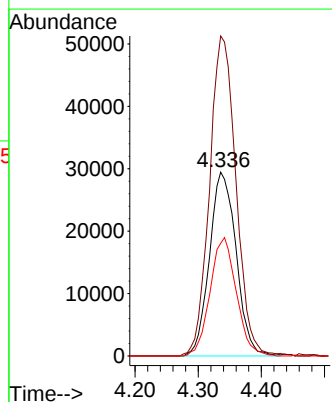
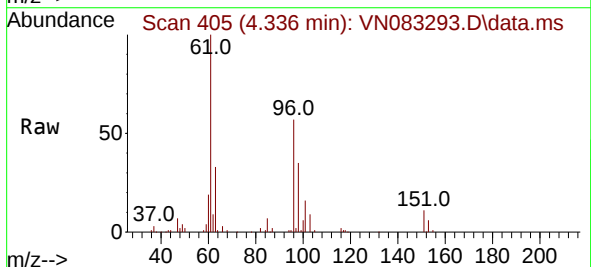
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 108856
Ion Ratio Lower Upper
59 100
57 10.0 8.9 13.3



#12
1,1-Dichloroethene
Concen: 47.645 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 96 Resp: 86528
Ion Ratio Lower Upper
96 100
61 174.0 149.7 224.5
98 61.2 50.1 75.1

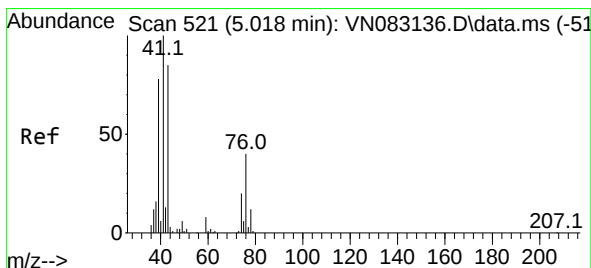
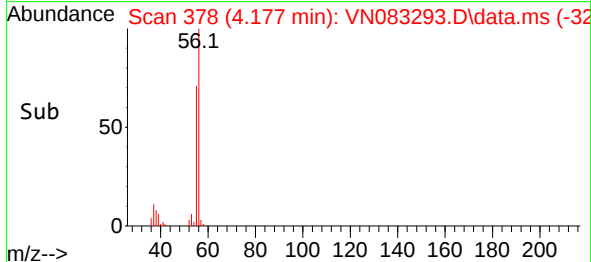
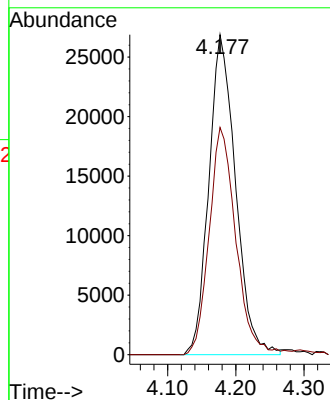
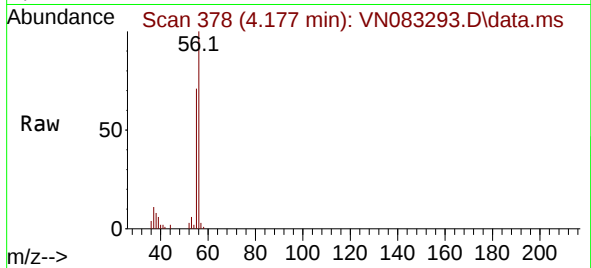




#13
Acrolein
Concen: 231.949 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

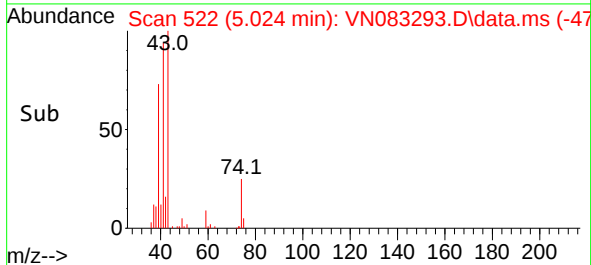
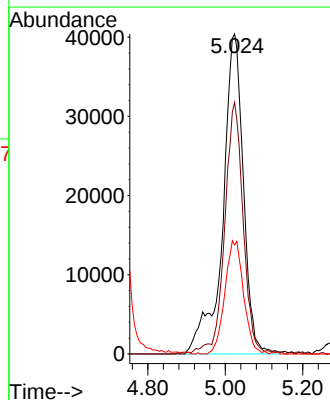
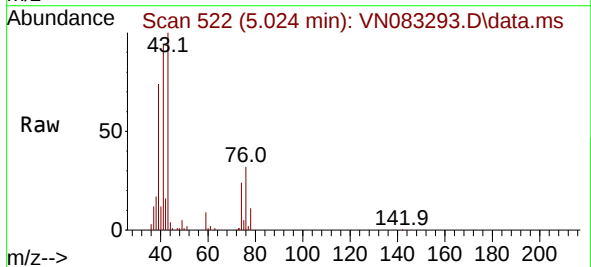
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 73261
Ion Ratio Lower Upper
56 100
55 71.2 56.4 84.6



#14
Allyl chloride
Concen: 43.691 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 41 Resp: 149946
Ion Ratio Lower Upper
41 100
39 70.4 67.8 101.6
76 32.0 25.8 38.8

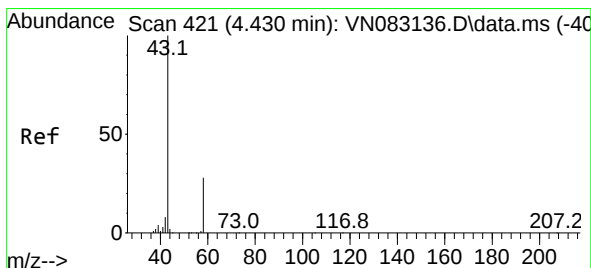
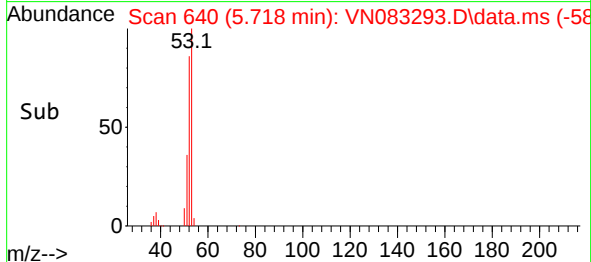
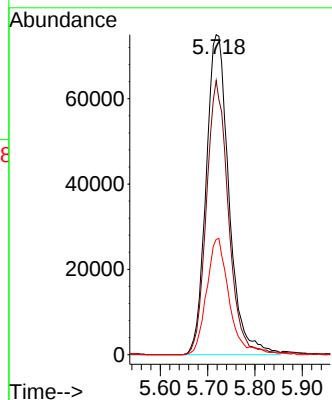
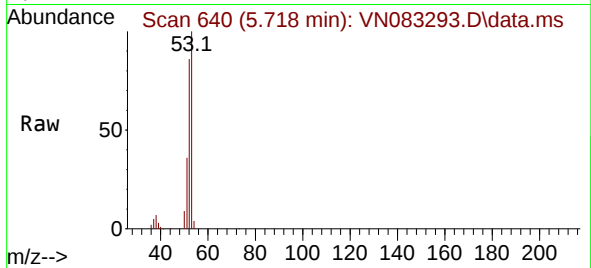




#15
Acrylonitrile
Concen: 252.327 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

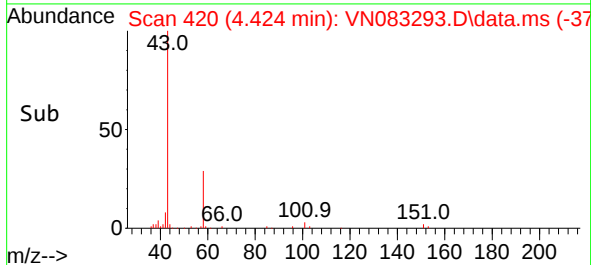
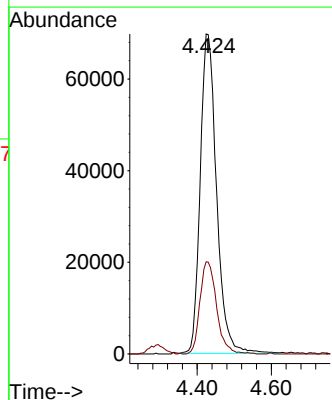
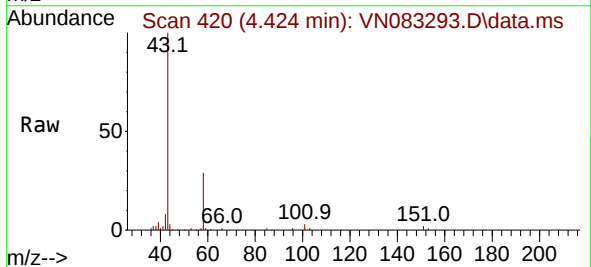
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 251493
Ion Ratio Lower Upper
53 100
52 82.6 66.6 100.0
51 36.2 30.1 45.1



#16
Acetone
Concen: 233.157 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 43 Resp: 212752
Ion Ratio Lower Upper
43 100
58 28.9 21.8 32.6

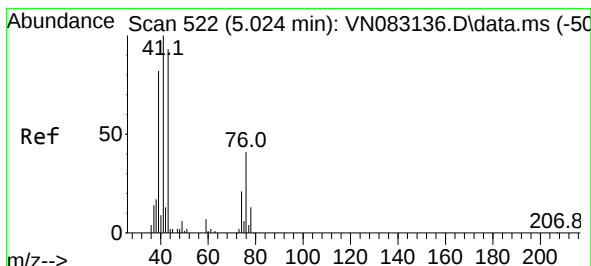
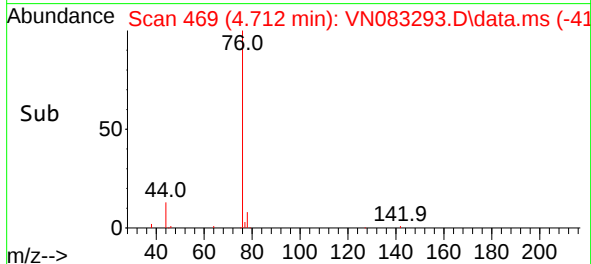
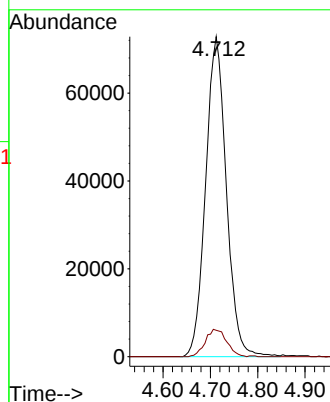
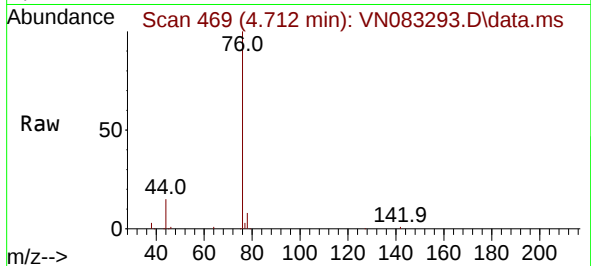




#17
Carbon Disulfide
Concen: 41.654 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

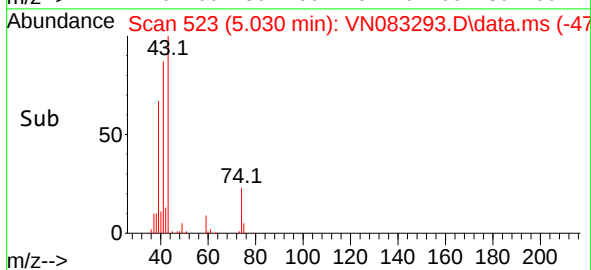
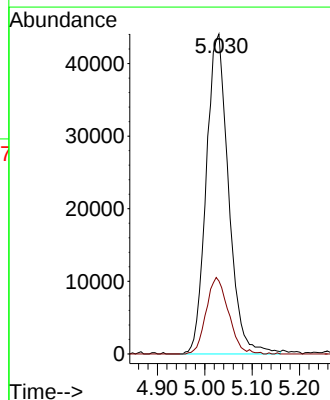
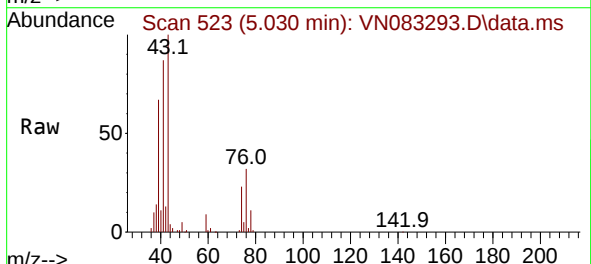
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

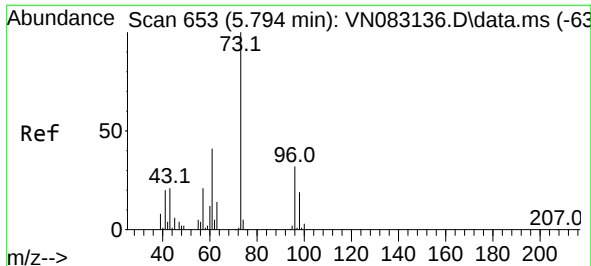
Tgt Ion: 76 Resp: 221347
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#18
Methyl Acetate
Concen: 52.984 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 43 Resp: 144046
Ion Ratio Lower Upper
43 100
74 23.9 16.3 24.5

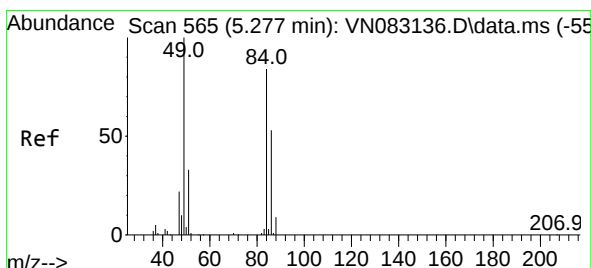
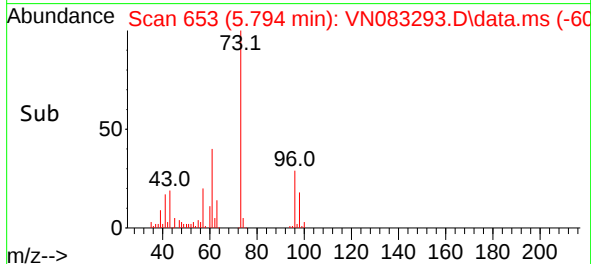
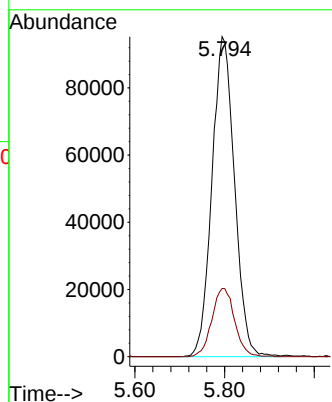
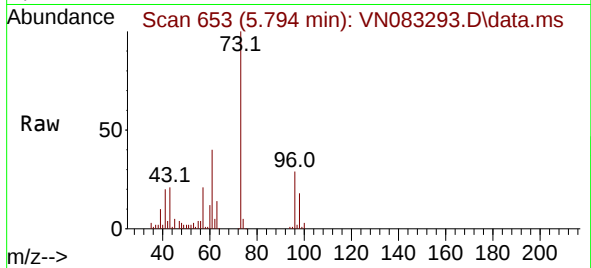




#19
Methyl tert-butyl Ether
Concen: 50.765 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

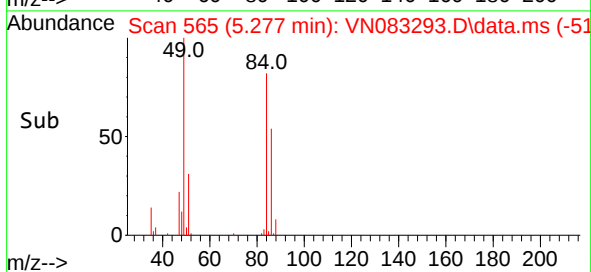
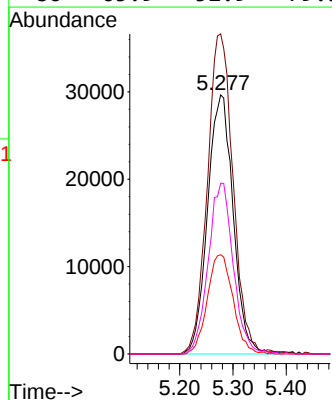
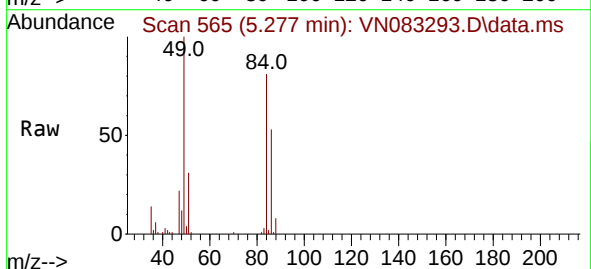
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 332772
Ion Ratio Lower Upper
73 100
57 21.3 17.9 26.9



#20
Methylene Chloride
Concen: 47.099 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 84 Resp: 98909
Ion Ratio Lower Upper
84 100
49 123.5 119.6 179.4
51 38.3 34.8 52.2
86 65.9 52.9 79.3

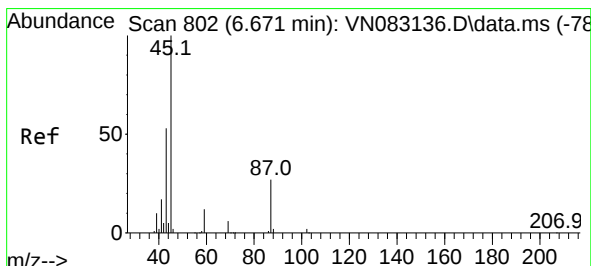
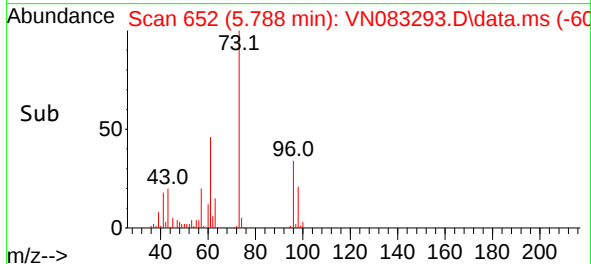
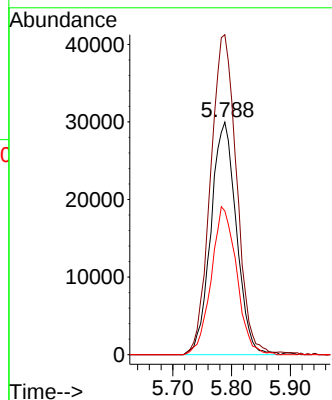
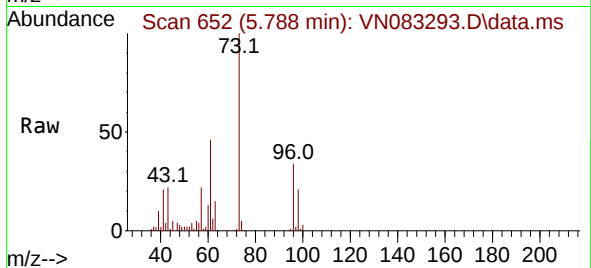




#21
trans-1,2-Dichloroethene
Concen: 48.160 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

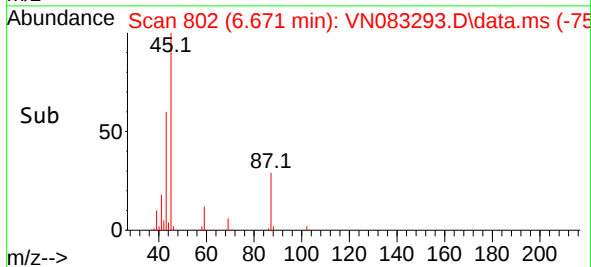
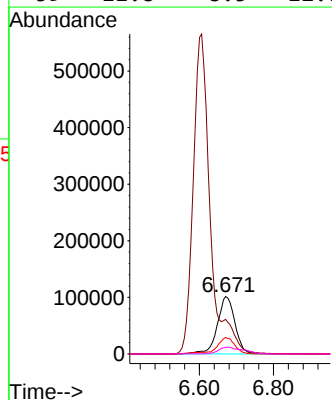
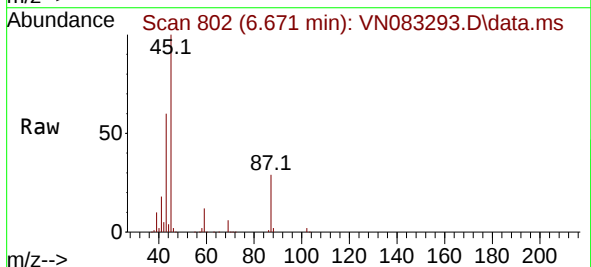
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 90397
Ion Ratio Lower Upper
96 100
61 137.7 123.4 185.2
98 61.8 49.3 73.9



#22
Diisopropyl ether
Concen: 51.770 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 45 Resp: 333976
Ion Ratio Lower Upper
45 100
43 59.6 44.0 66.0
87 28.7 19.7 29.5
59 11.8 8.5 12.7

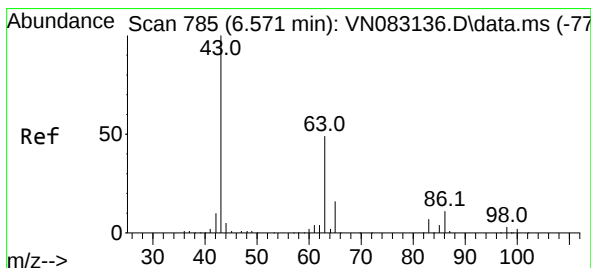
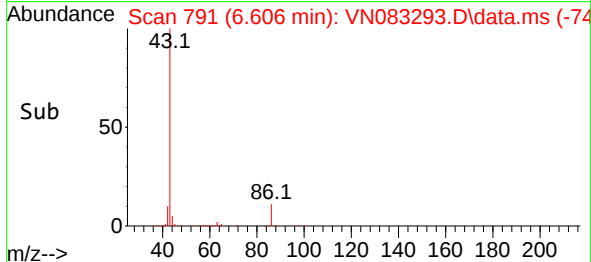
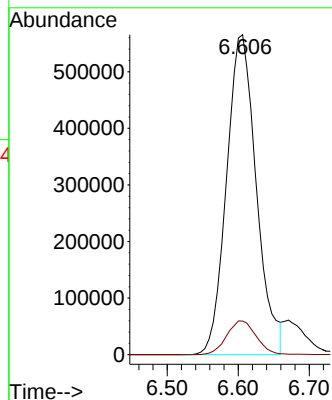
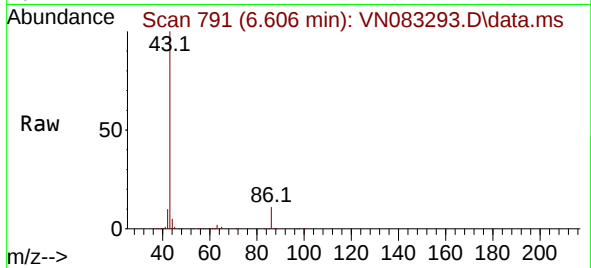




#23
 Vinyl Acetate
 Concen: 249.505 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VN083293.D
 Acq: 14 Aug 2024 11:16

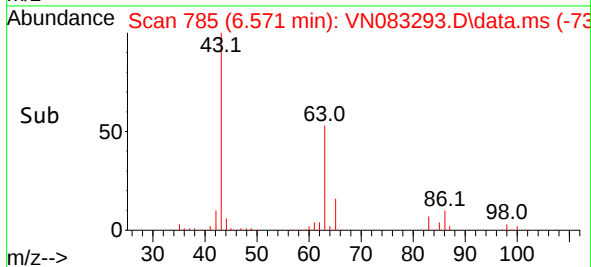
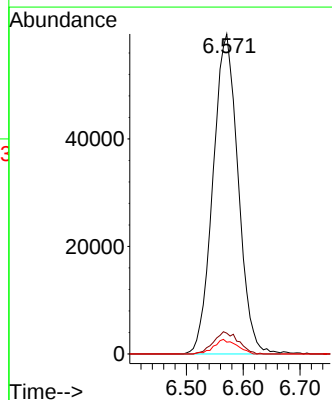
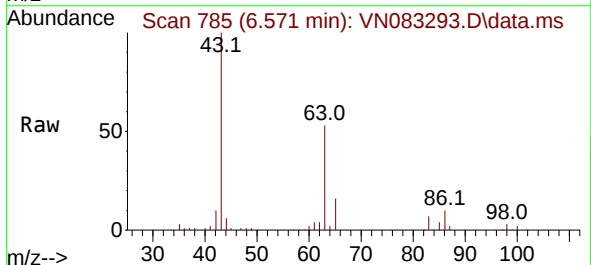
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

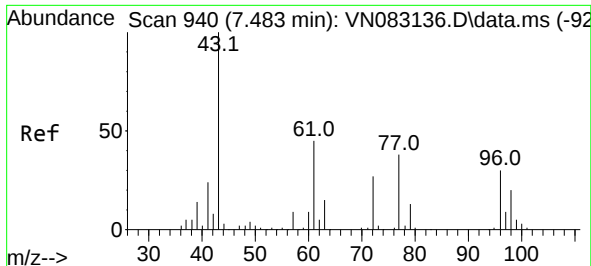
Tgt Ion: 43 Resp: 1649810
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 51.967 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN083293.D
 Acq: 14 Aug 2024 11:16

Tgt Ion: 63 Resp: 182732
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 3.7 2.0 6.0





#25

2-Butanone

Concen: 244.196 ug/l

RT: 7.482 min Scan# 940

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

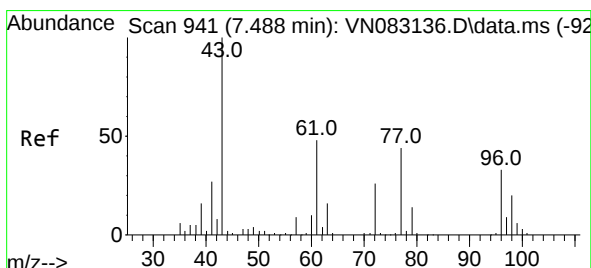
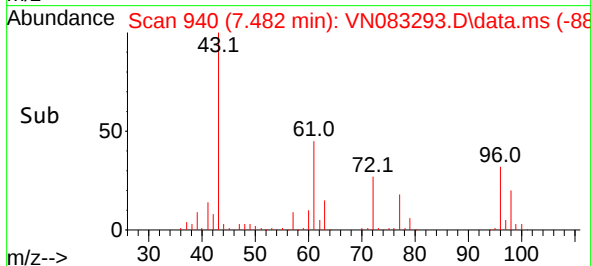
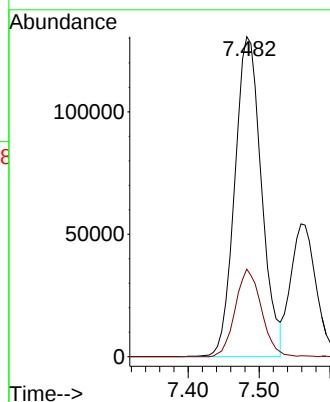
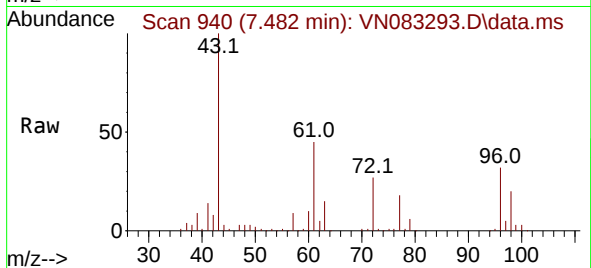
VSTDCCC050EC

Tgt Ion: 43 Resp: 342141

Ion Ratio Lower Upper

43 100

72 27.4 18.2 27.2#



#26

2,2-Dichloropropane

Concen: 23.439 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN083293.D

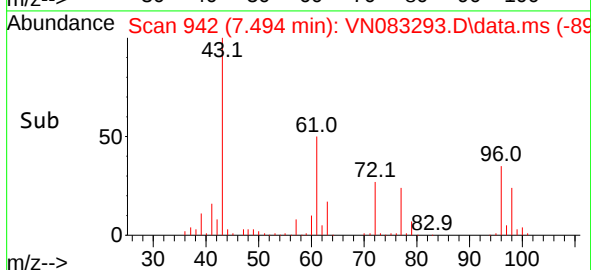
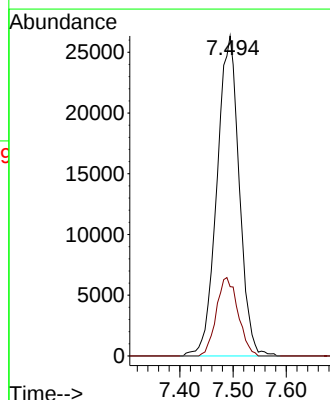
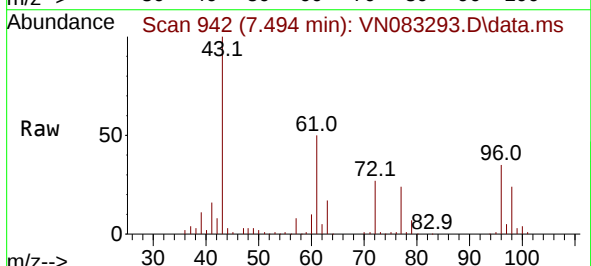
Acq: 14 Aug 2024 11:16

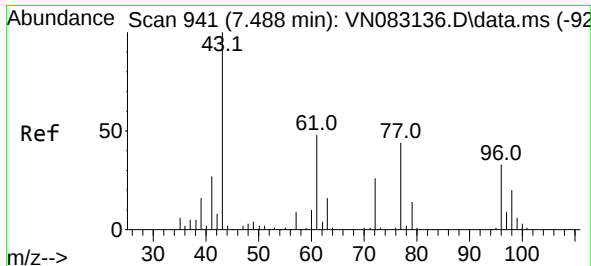
Tgt Ion: 77 Resp: 76541

Ion Ratio Lower Upper

77 100

97 23.9 10.3 30.9

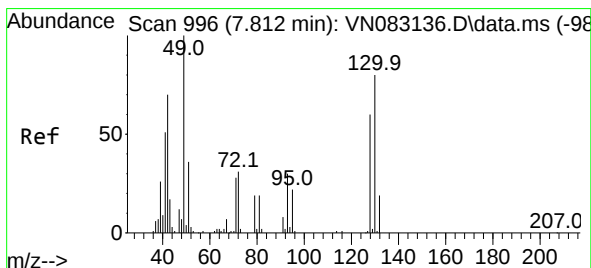
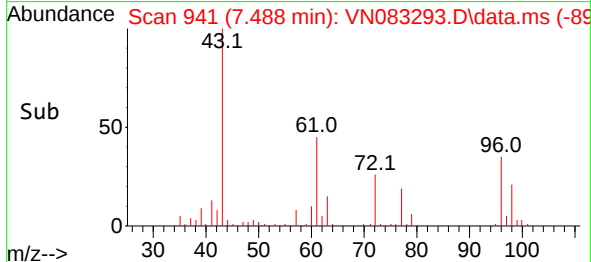
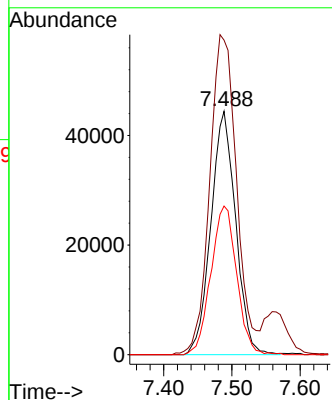
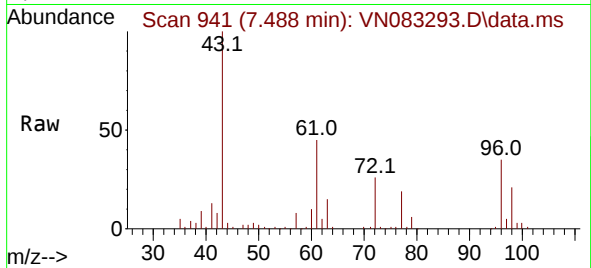




#27
 cis-1,2-Dichloroethene
 Concen: 49.627 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN083293.D
 Acq: 14 Aug 2024 11:16

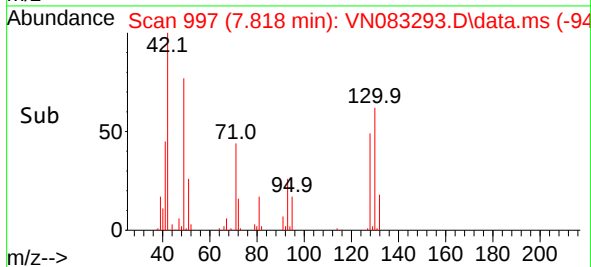
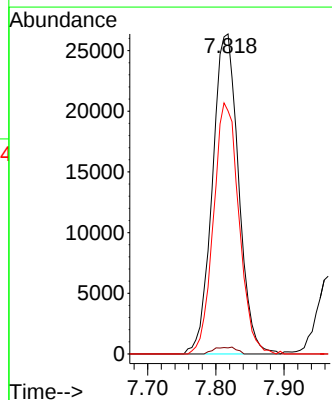
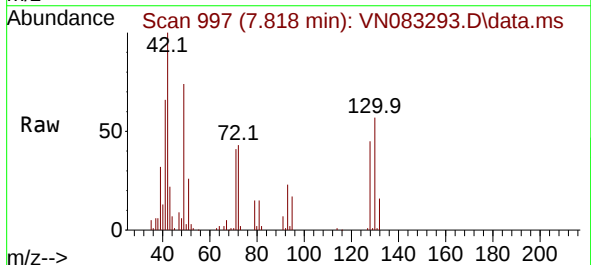
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

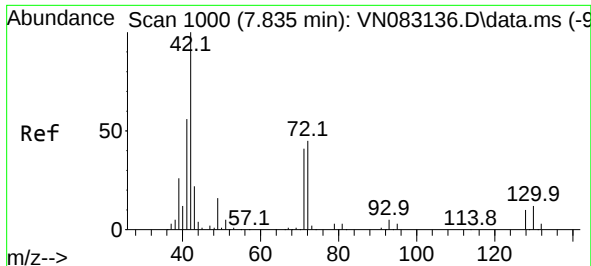
Tgt Ion: 96 Resp: 112406
 Ion Ratio Lower Upper
 96 100
 61 143.0 0.0 329.6
 98 63.6 0.0 128.6



#28
 Bromochloromethane
 Concen: 49.020 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN083293.D
 Acq: 14 Aug 2024 11:16

Tgt Ion: 49 Resp: 70443
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 76.4 50.5 75.7#





#29

Tetrahydrofuran

Concen: 253.402 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

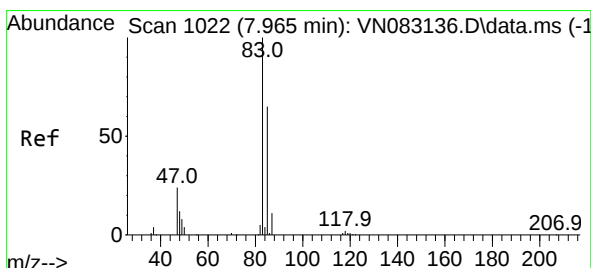
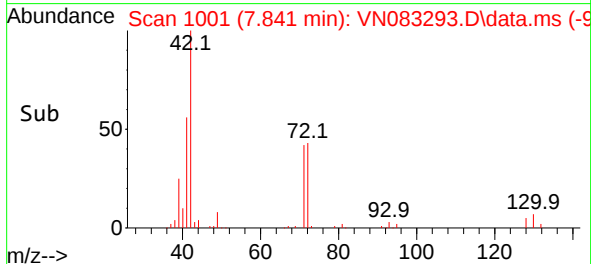
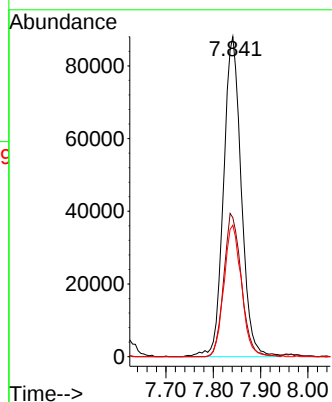
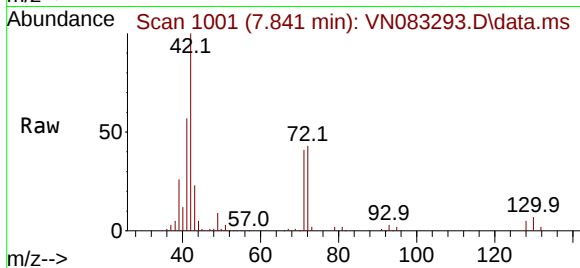
Tgt Ion: 42 Resp: 229510

Ion Ratio Lower Upper

42 100

72 44.2 30.0 45.0

71 40.7 28.3 42.5



#30

Chloroform

Concen: 53.252 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN083293.D

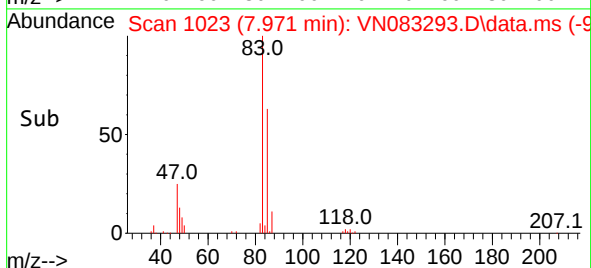
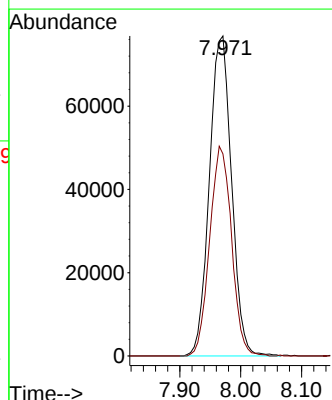
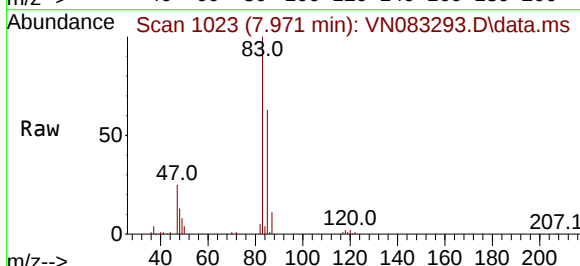
Acq: 14 Aug 2024 11:16

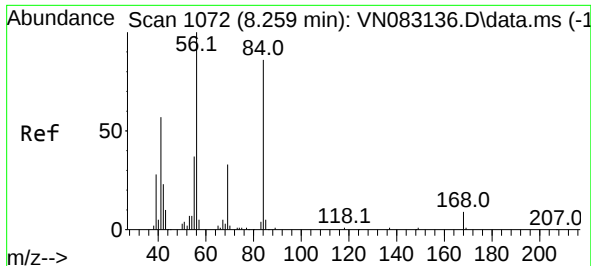
Tgt Ion: 83 Resp: 194540

Ion Ratio Lower Upper

83 100

85 63.1 50.9 76.3





#31

Cyclohexane

Concen: 44.834 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

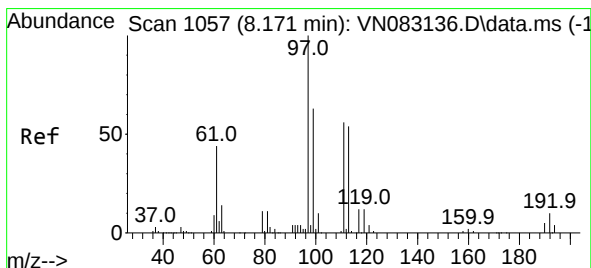
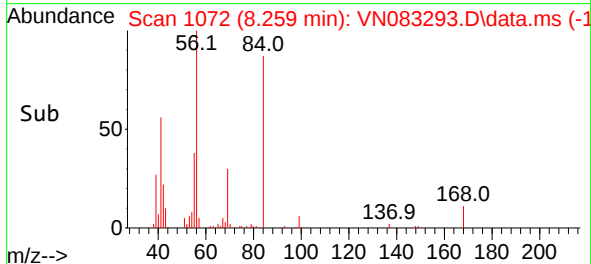
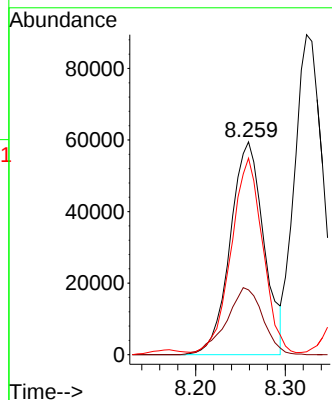
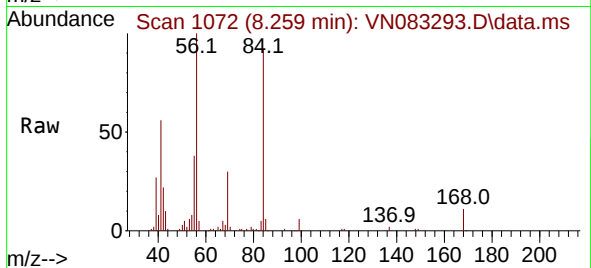
Tgt Ion: 56 Resp: 154936

Ion Ratio Lower Upper

56 100

69 30.4 24.5 36.7

84 90.8 66.0 99.0



#32

1,1,1-Trichloroethane

Concen: 51.823 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

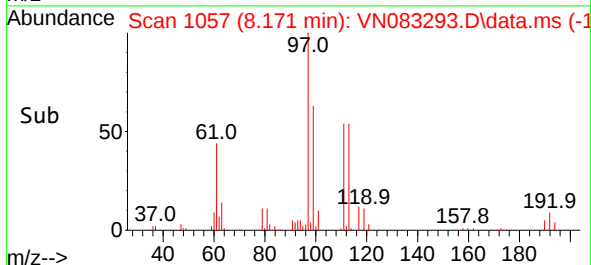
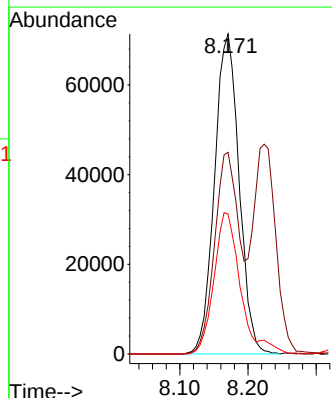
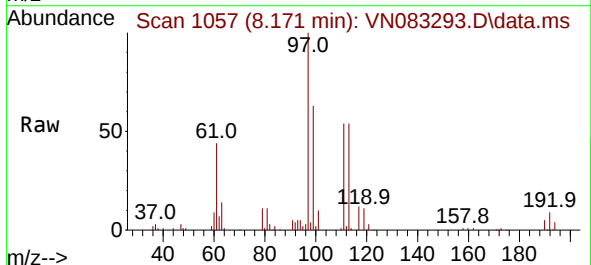
Tgt Ion: 97 Resp: 179199

Ion Ratio Lower Upper

97 100

99 62.0 52.0 78.0

61 47.5 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 54.293 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

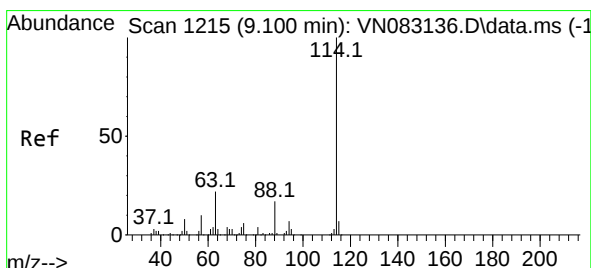
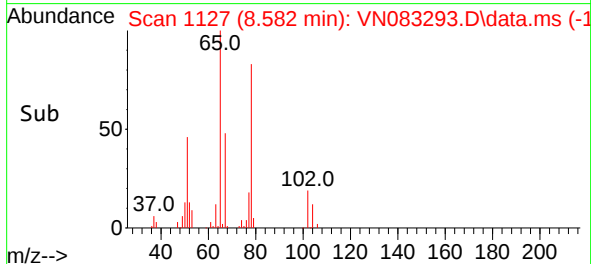
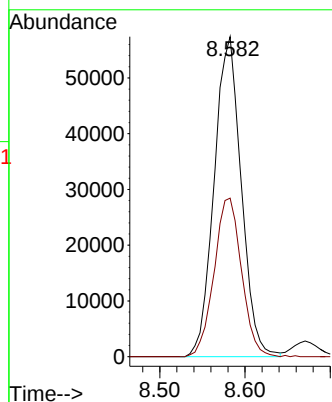
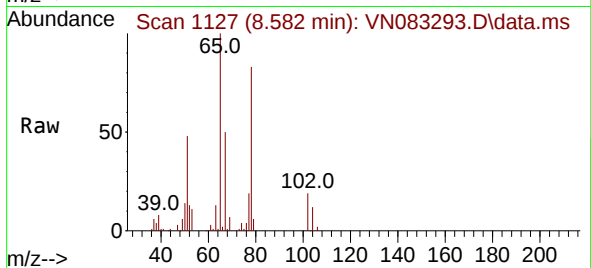
VSTDCCC050EC

Tgt Ion: 65 Resp: 126608

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

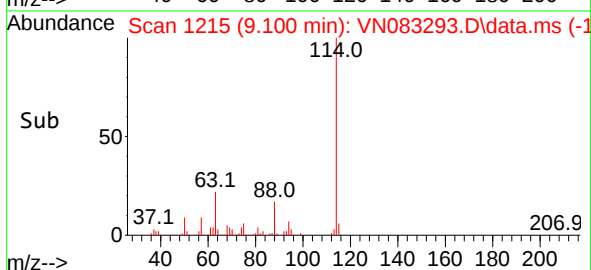
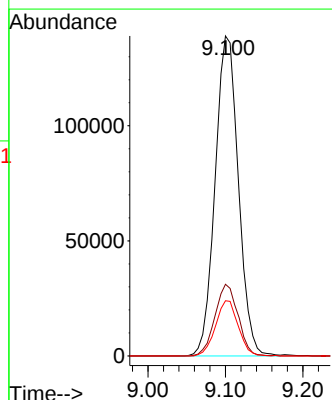
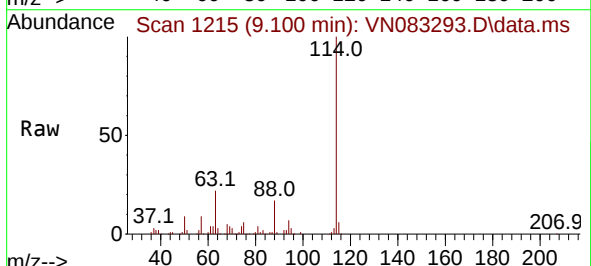
Tgt Ion: 114 Resp: 290369

Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 17.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.013 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

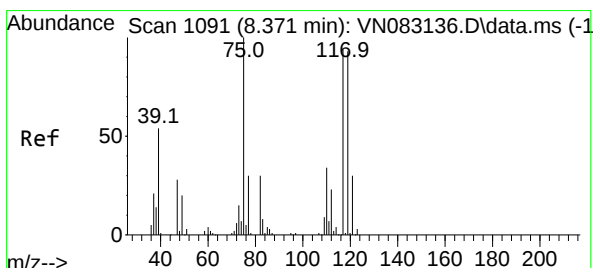
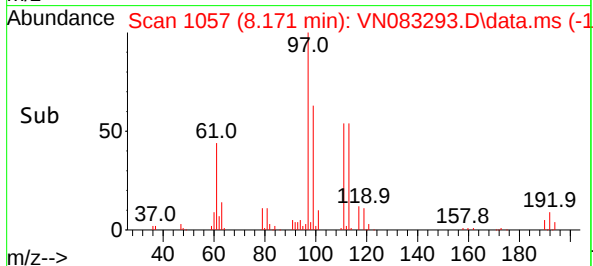
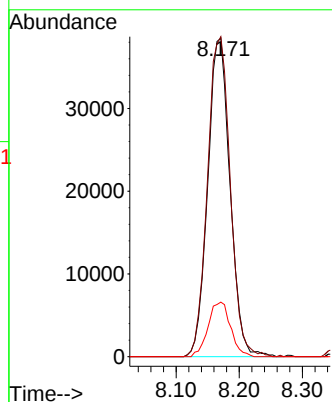
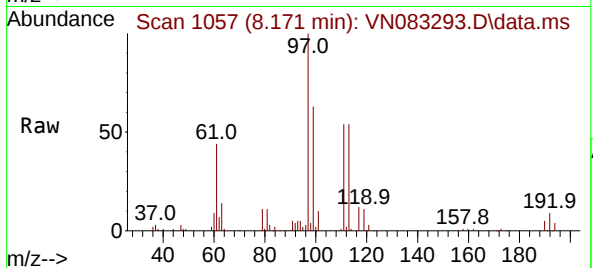
Tgt Ion:113 Resp: 94269

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

192 17.3 14.9 22.3



#36

1,1-Dichloropropene

Concen: 47.888 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

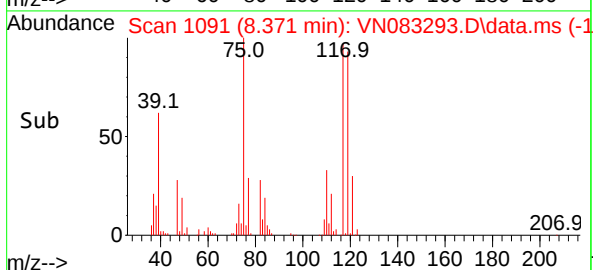
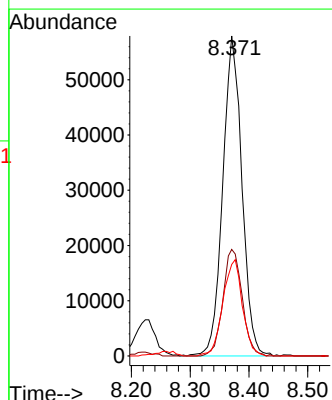
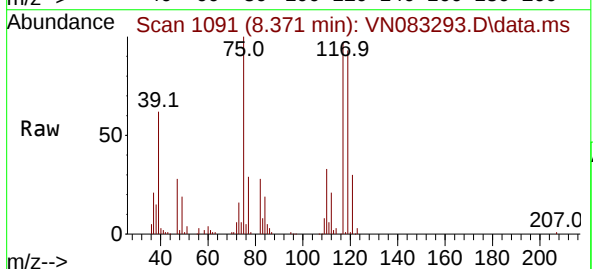
Tgt Ion: 75 Resp: 131294

Ion Ratio Lower Upper

75 100

110 33.5 16.3 48.9

77 30.7 24.6 37.0

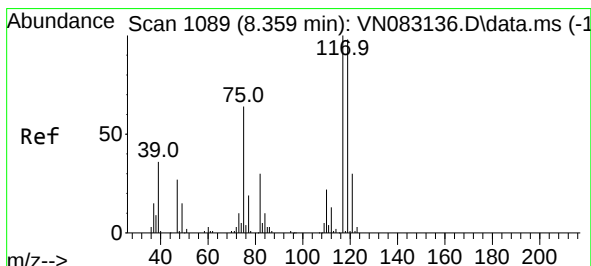
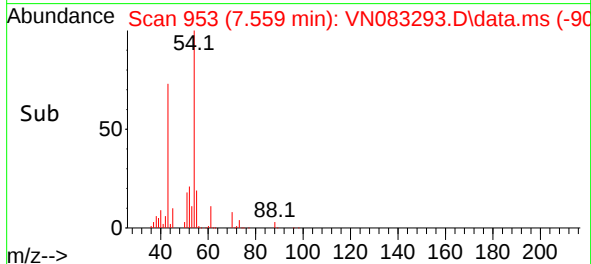
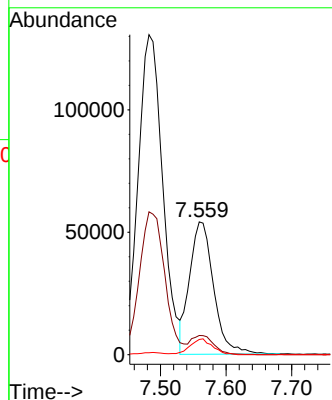
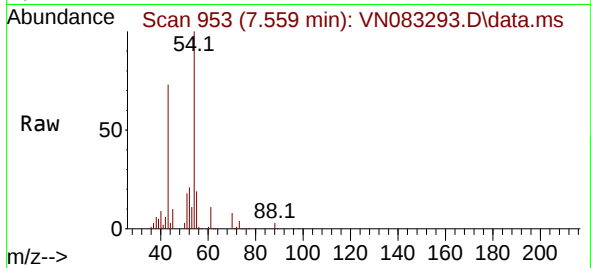




#37
Ethyl Acetate
Concen: 44.906 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

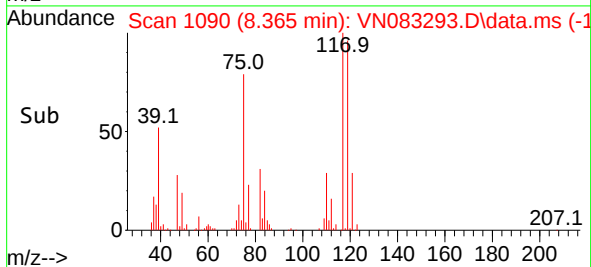
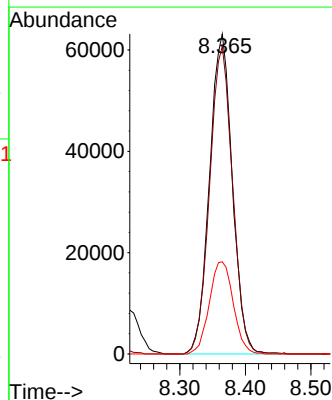
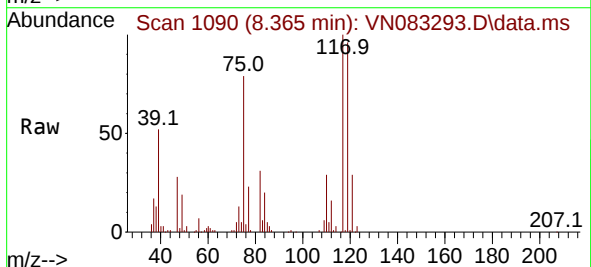
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 137850
Ion Ratio Lower Upper
43 100
61 13.5 9.3 13.9
70 11.2 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 49.267 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 117 Resp: 152136
Ion Ratio Lower Upper
117 100
119 96.1 74.9 112.3
121 28.8 24.3 36.5





#39

Methylcyclohexane

Concen: 44.542 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

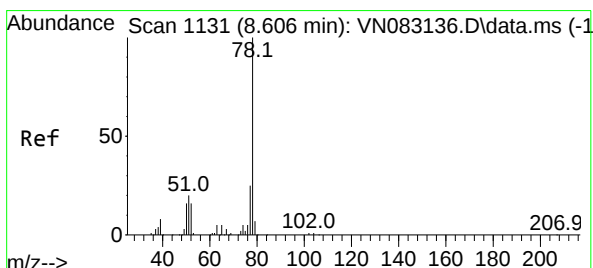
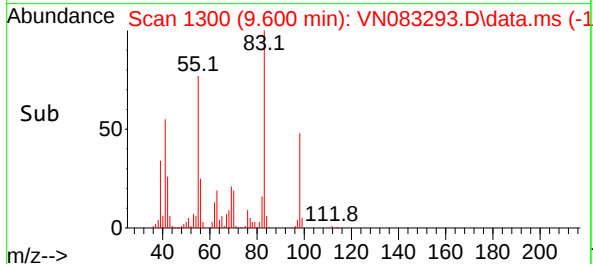
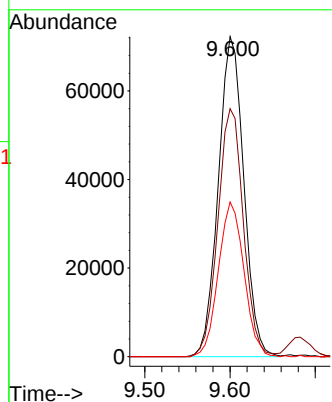
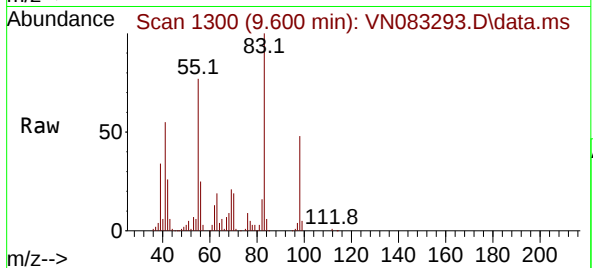
Tgt Ion: 83 Resp: 149996

Ion Ratio Lower Upper

83 100

55 77.5 66.4 99.6

98 48.3 40.7 61.1



#40

Benzene

Concen: 49.472 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN083293.D

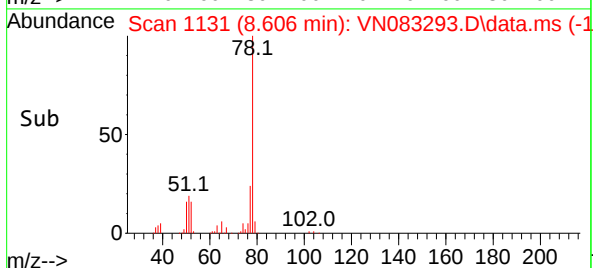
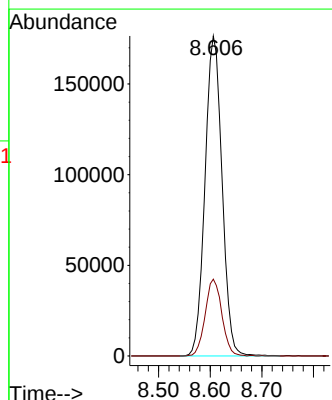
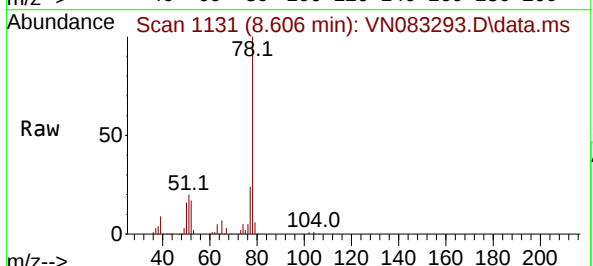
Acq: 14 Aug 2024 11:16

Tgt Ion: 78 Resp: 404063

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.4

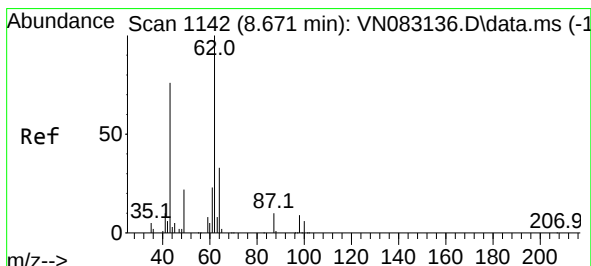
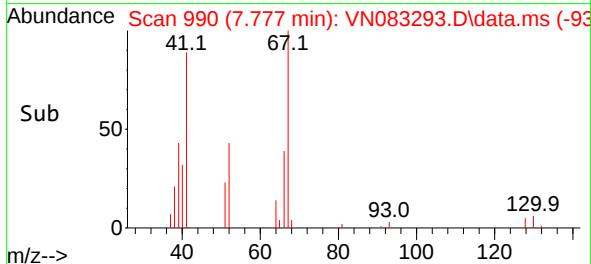
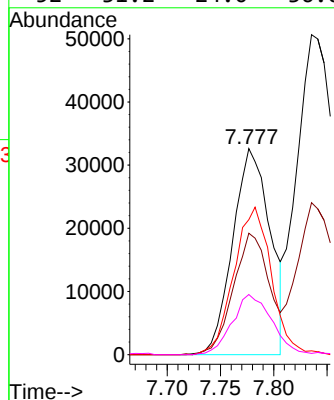
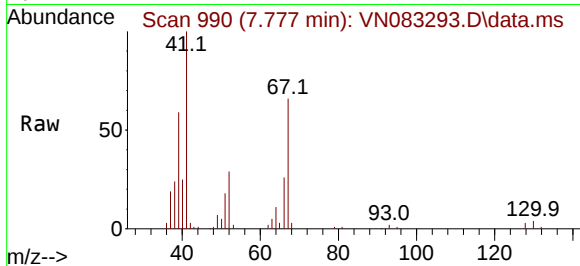




#41
Methacrylonitrile
Concen: 45.775 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

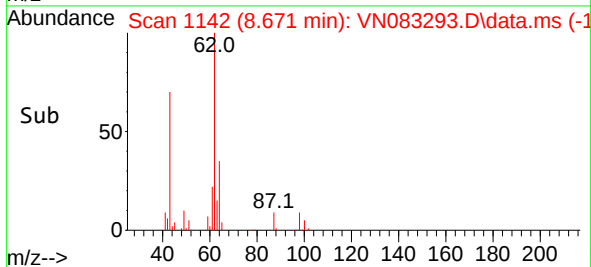
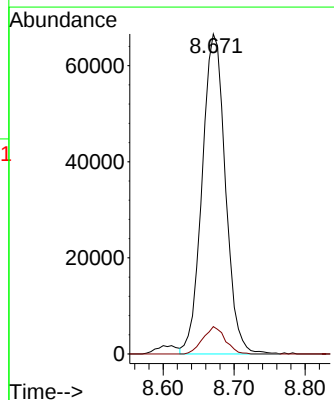
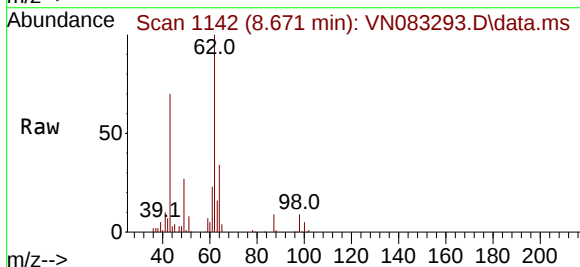
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	79897
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.5	68.3
67	71.7	50.5	75.7
52	31.2	24.0	36.0



#42
1,2-Dichloroethane
Concen: 51.109 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion:	62	Resp:	152062
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.8

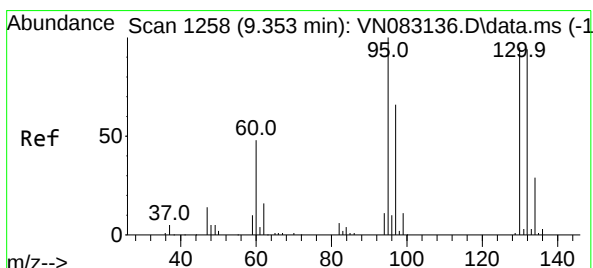
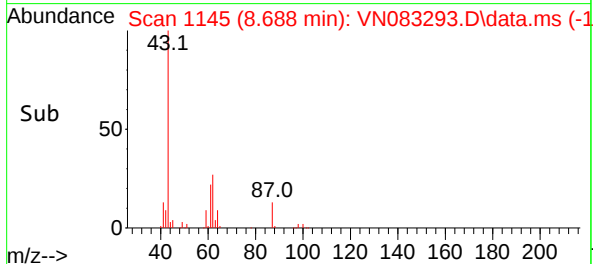
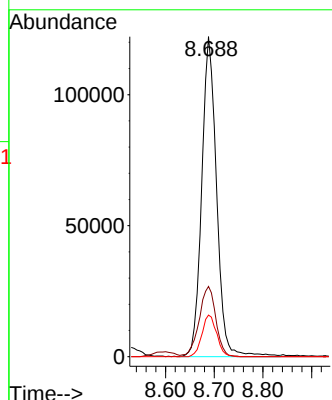
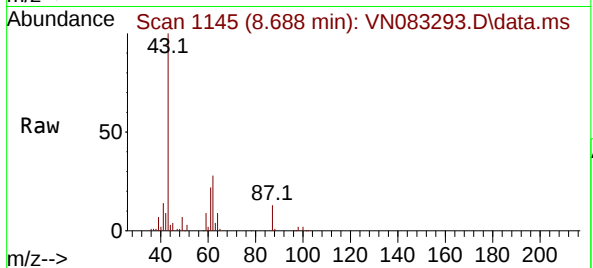




#43
Isopropyl Acetate
Concen: 48.572 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

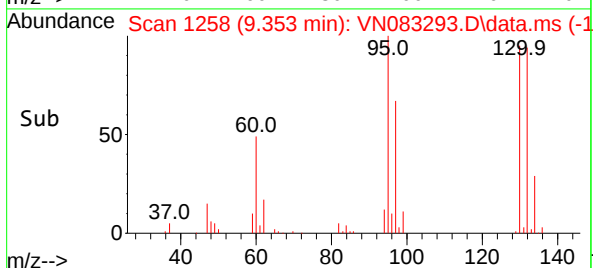
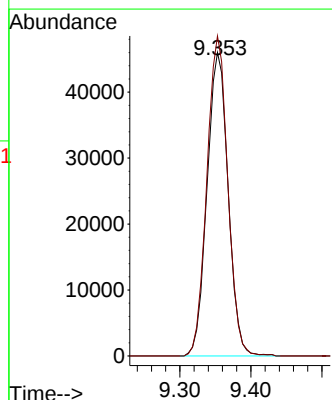
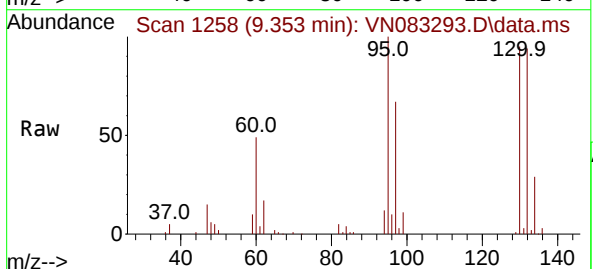
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

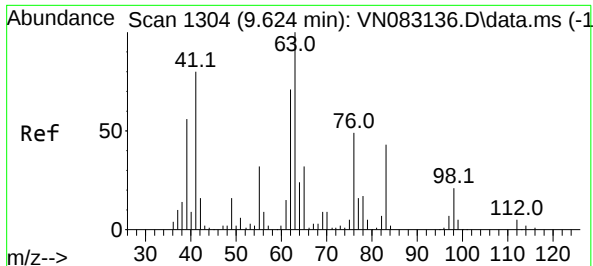
Tgt Ion: 43 Resp: 259105
Ion Ratio Lower Upper
43 100
61 24.5 17.8 26.6
87 12.8 8.2 12.2#



#44
Trichloroethene
Concen: 48.799 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion:130 Resp: 94869
Ion Ratio Lower Upper
130 100
95 105.4 0.0 197.8





#45

1,2-Dichloropropane

Concen: 51.037 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

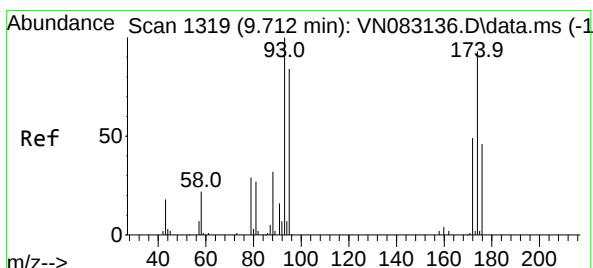
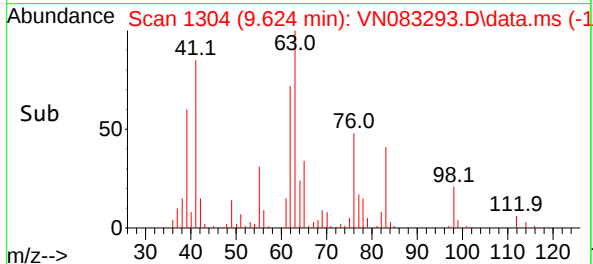
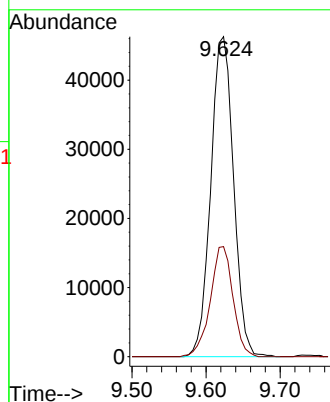
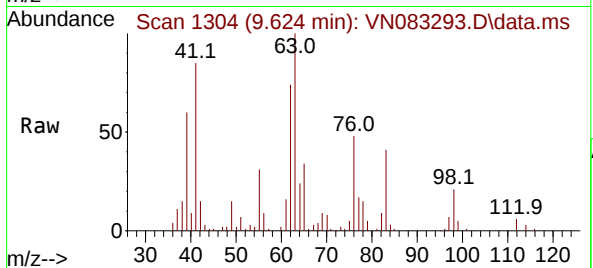
VSTDCCC050EC

Tgt Ion: 63 Resp: 98947

Ion Ratio Lower Upper

63 100

65 34.4 24.4 36.6



#46

Dibromomethane

Concen: 51.414 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

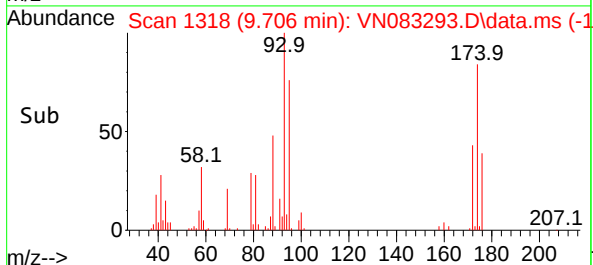
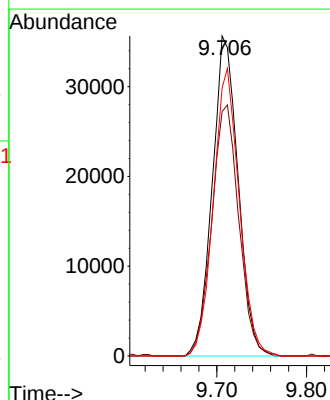
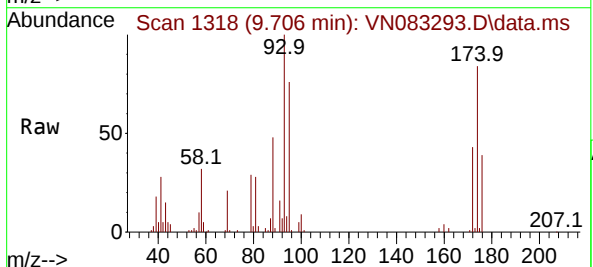
Tgt Ion: 93 Resp: 71347

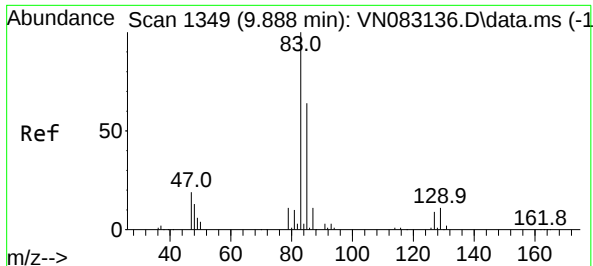
Ion Ratio Lower Upper

93 100

95 81.7 65.8 98.6

174 89.9 71.7 107.5

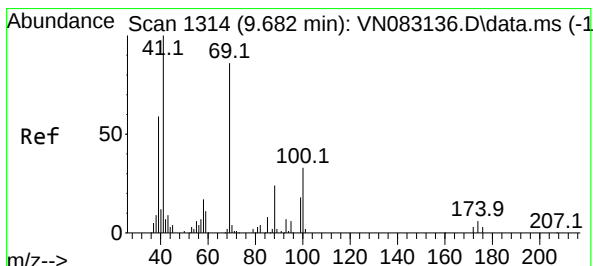
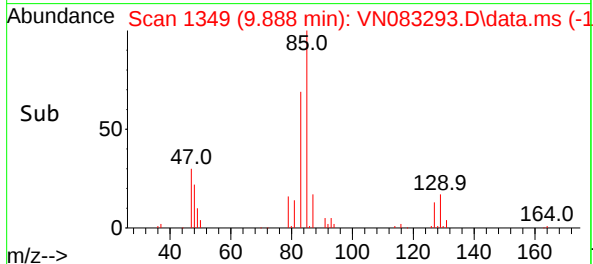
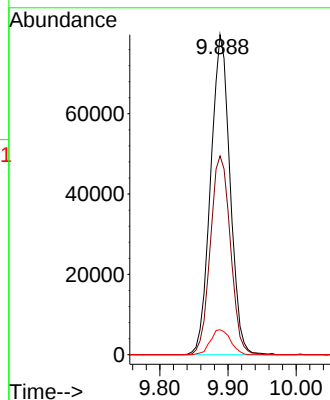
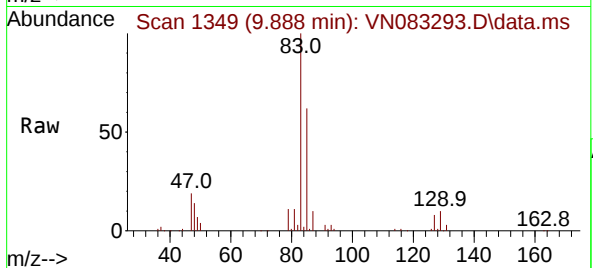




#47
Bromodichloromethane
Concen: 50.662 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

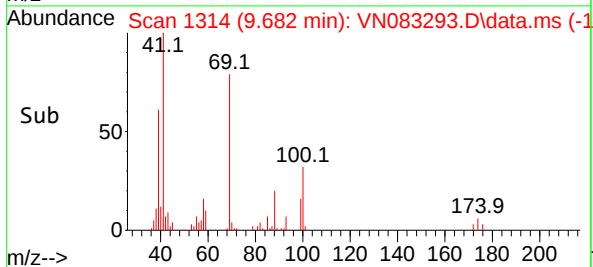
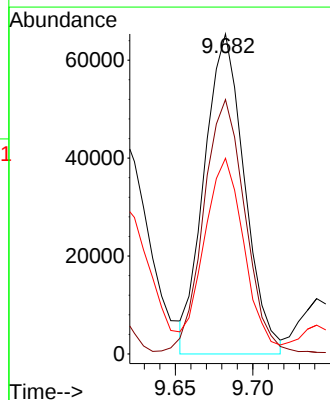
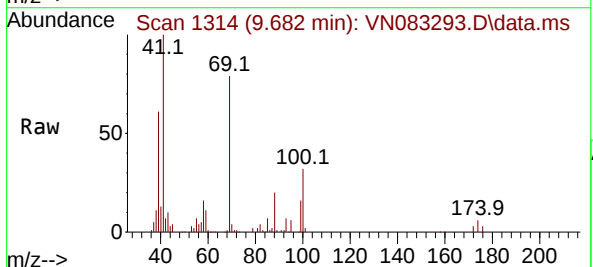
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

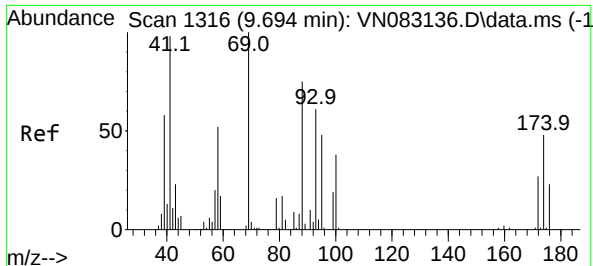
Tgt Ion: 83 Resp: 157858
Ion Ratio Lower Upper
83 100
85 62.1 51.1 76.7
127 7.8 7.2 10.8



#48
Methyl methacrylate
Concen: 46.420 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 41 Resp: 117810
Ion Ratio Lower Upper
41 100
69 83.0 56.3 84.5
39 61.2 50.3 75.5

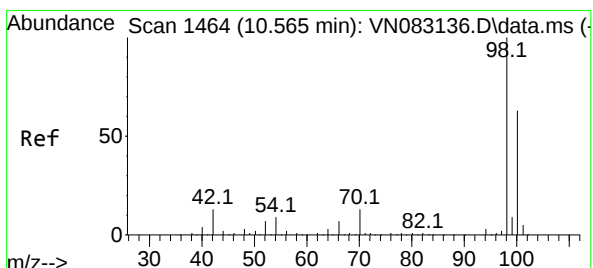
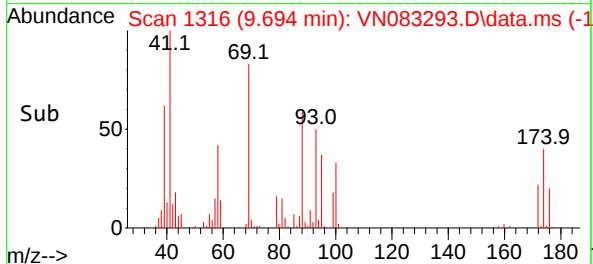
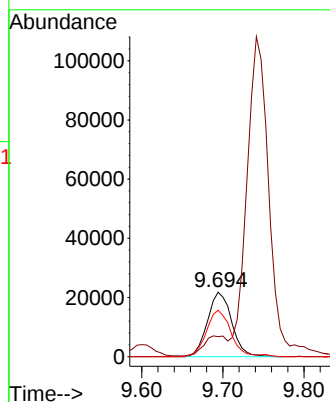
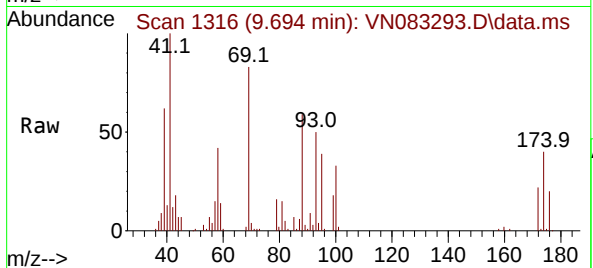




#49
1,4-Dioxane
Concen: 985.503 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

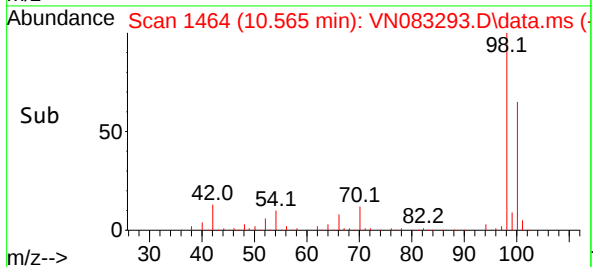
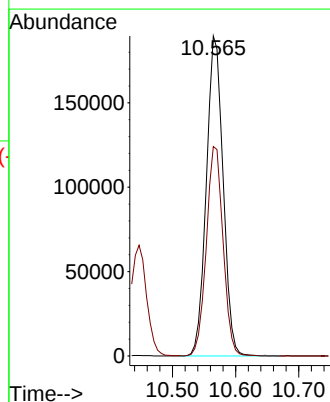
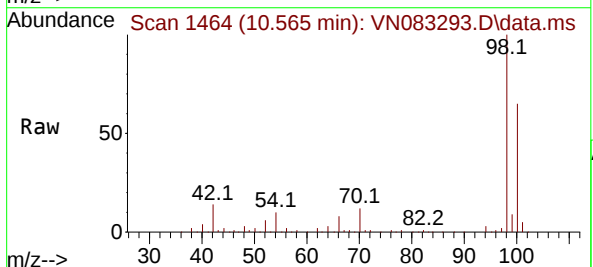
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

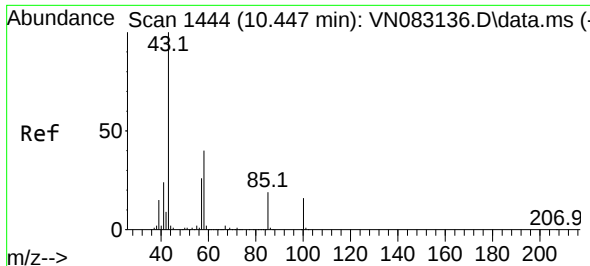
Tgt Ion: 88 Resp: 45123
Ion Ratio Lower Upper
88 100
43 30.8 27.8 41.8
58 73.4 59.4 89.0



#50
Toluene-d8
Concen: 51.654 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 98 Resp: 349219
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3

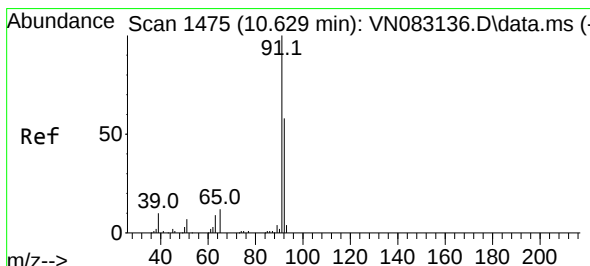
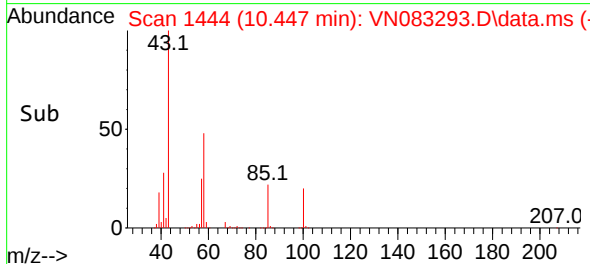
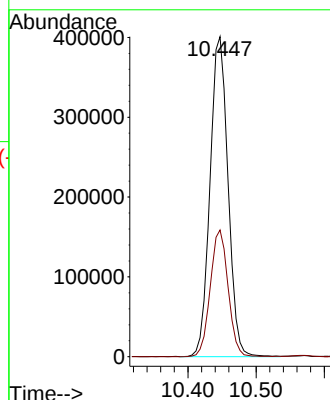
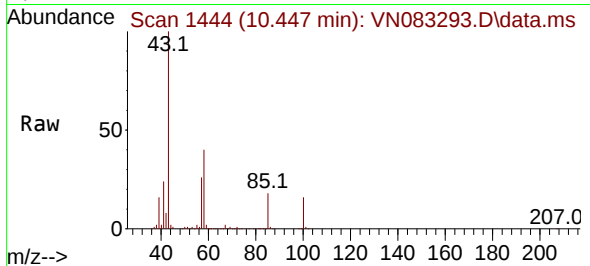




#51
4-Methyl-2-Pentanone
Concen: 253.916 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

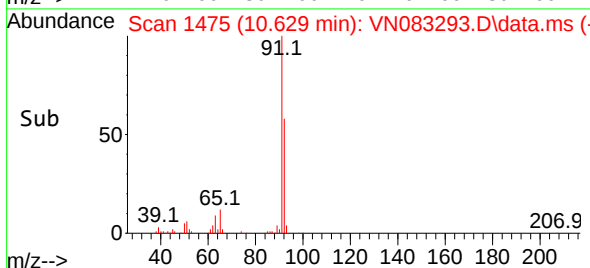
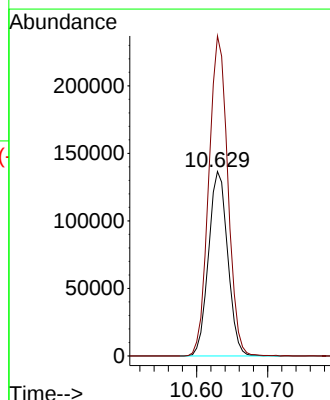
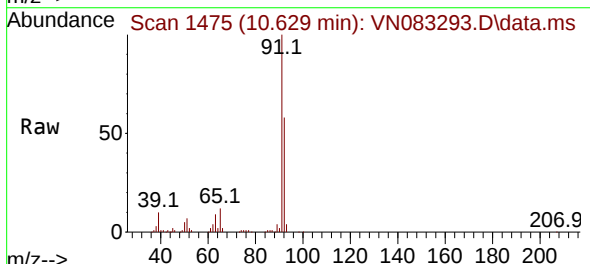
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

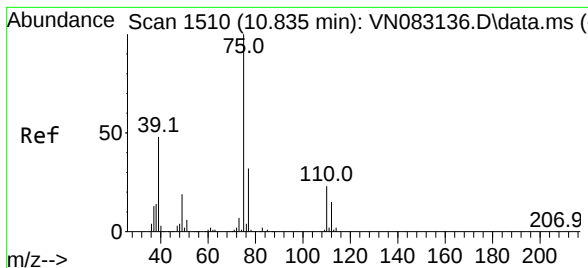
Tgt Ion: 43 Resp: 737093
Ion Ratio Lower Upper
43 100
58 39.2 28.2 42.4



#52
Toluene
Concen: 49.691 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 92 Resp: 256435
Ion Ratio Lower Upper
92 100
91 172.4 139.4 209.0

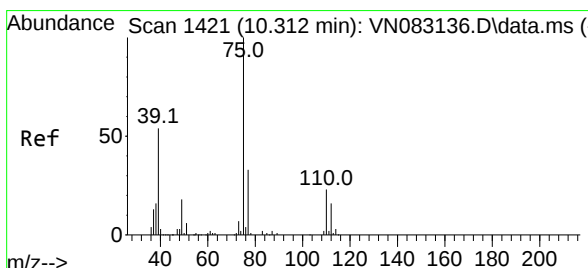
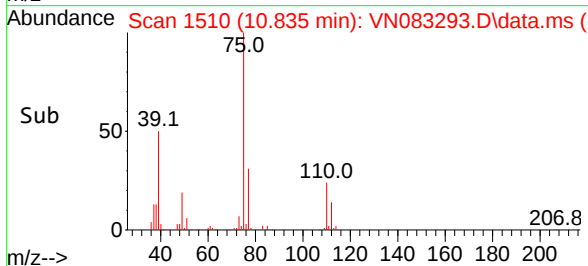
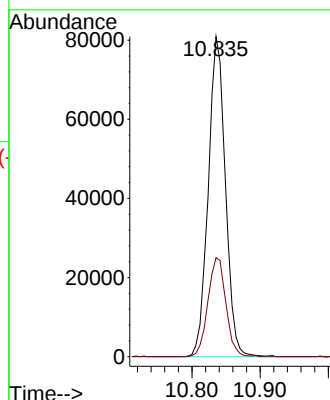
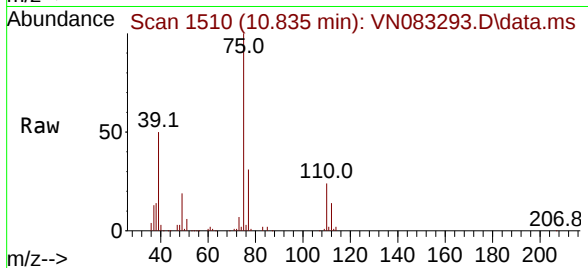




#53
 t-1,3-Dichloropropene
 Concen: 44.317 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN083293.D
 Acq: 14 Aug 2024 11:16

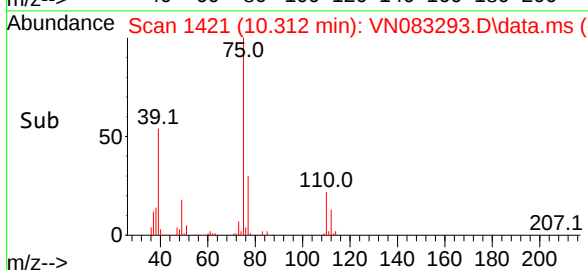
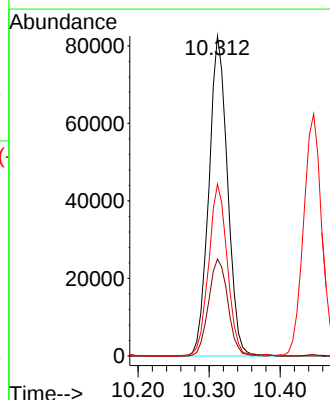
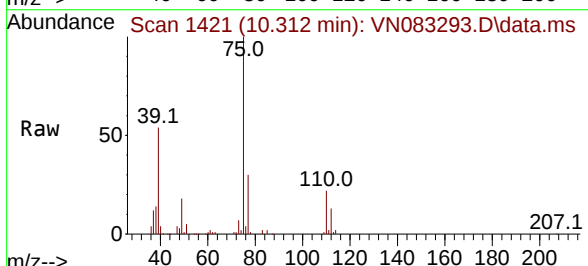
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

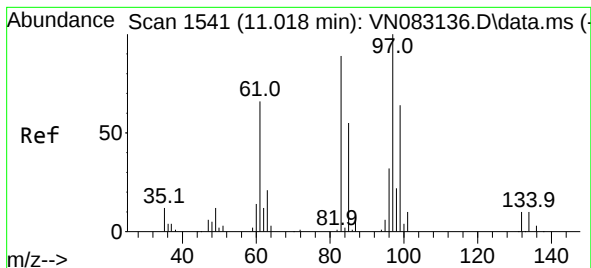
Tgt Ion: 75 Resp: 141845
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 44.225 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN083293.D
 Acq: 14 Aug 2024 11:16

Tgt Ion: 75 Resp: 150558
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.3 36.5
 39 53.7 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 52.714 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 97490

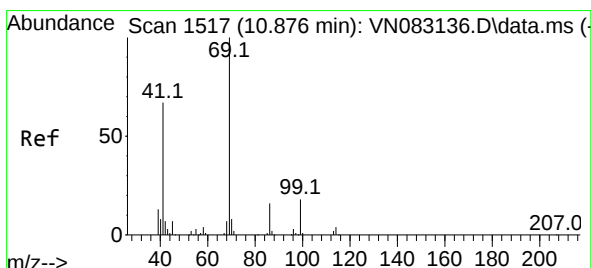
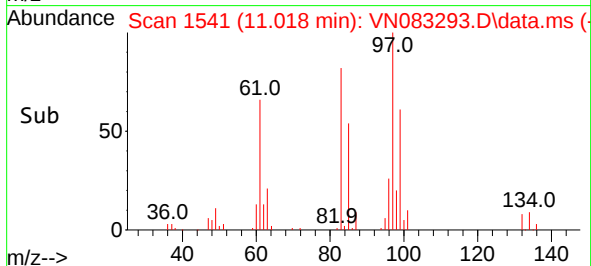
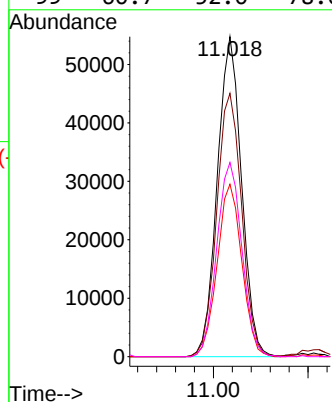
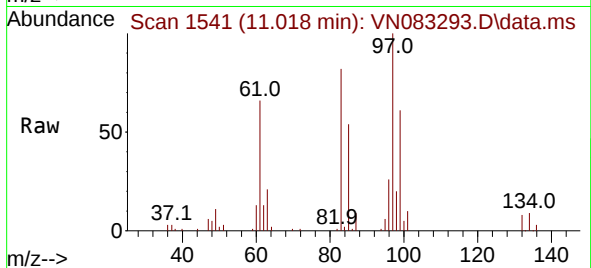
Ion Ratio Lower Upper

97 100

83 82.3 71.4 107.0

85 53.9 45.8 68.6

99 60.7 52.0 78.0



#56

Ethyl methacrylate

Concen: 49.224 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

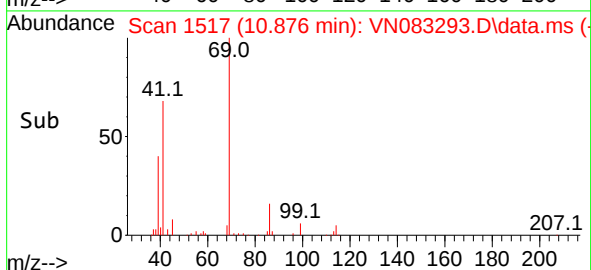
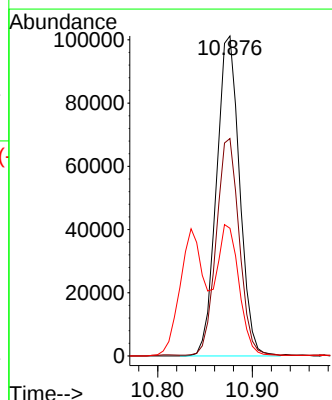
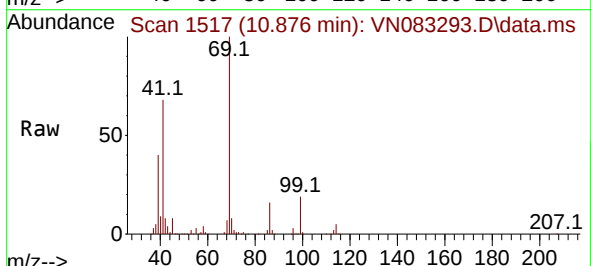
Tgt Ion: 69 Resp: 171617

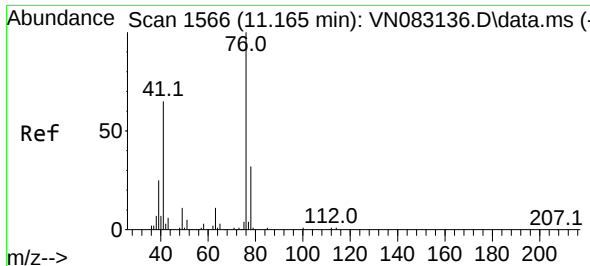
Ion Ratio Lower Upper

69 100

41 67.4 63.4 95.2

39 40.2 37.4 56.0

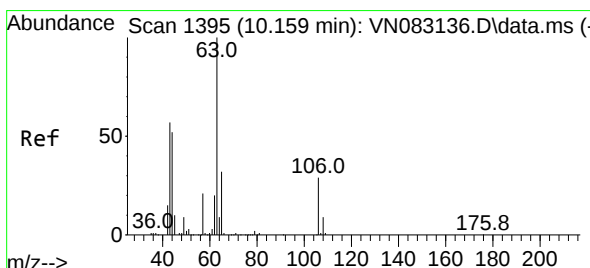
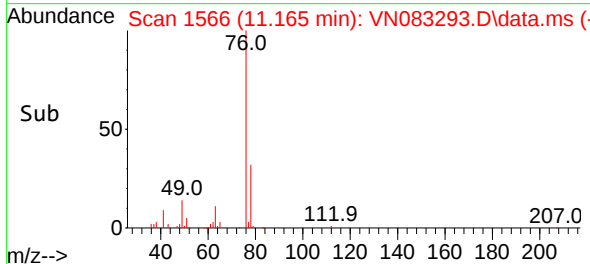
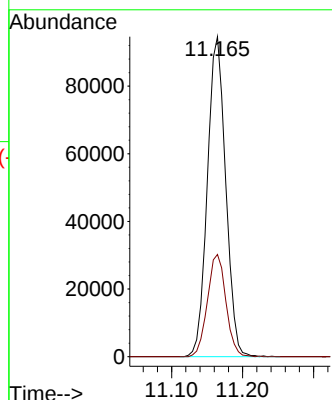
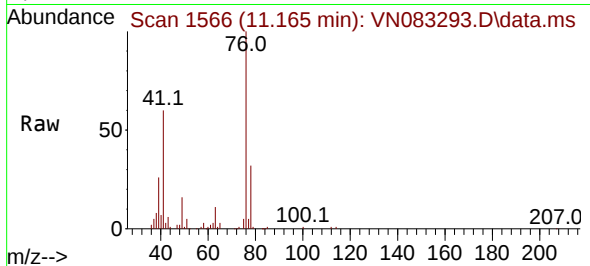




#57
1,3-Dichloropropane
Concen: 51.424 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

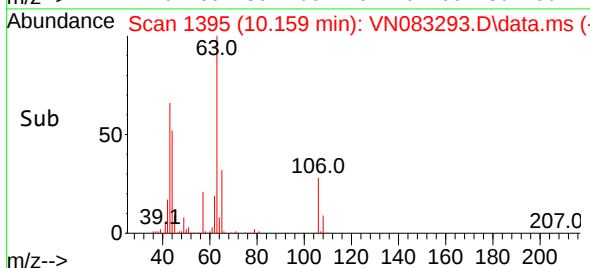
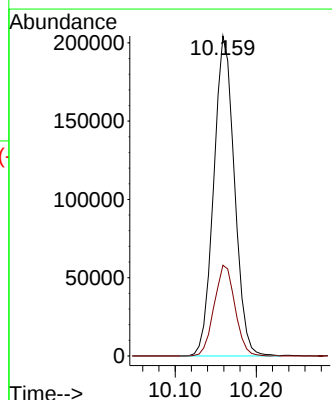
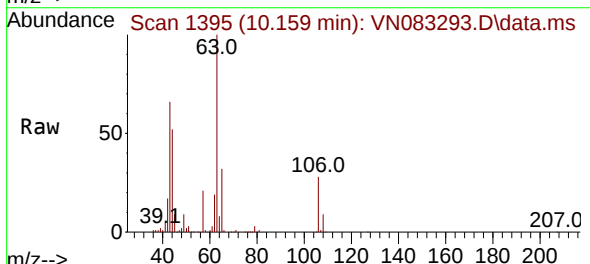
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

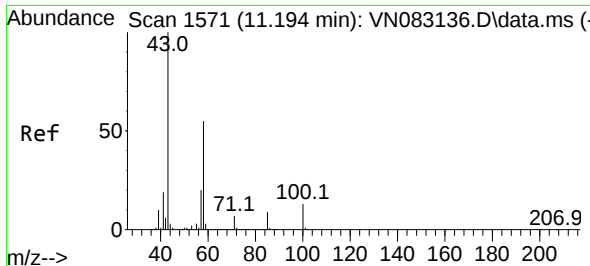
Tgt Ion: 76 Resp: 169515
Ion Ratio Lower Upper
76 100
78 32.3 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 246.025 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 63 Resp: 362573
Ion Ratio Lower Upper
63 100
106 28.5 21.4 32.0

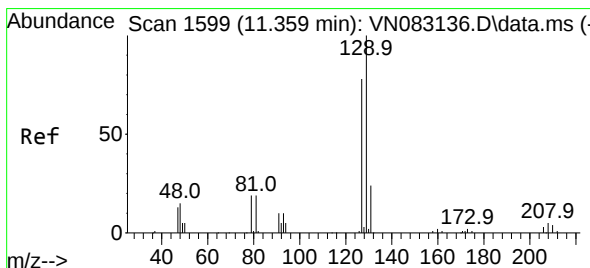
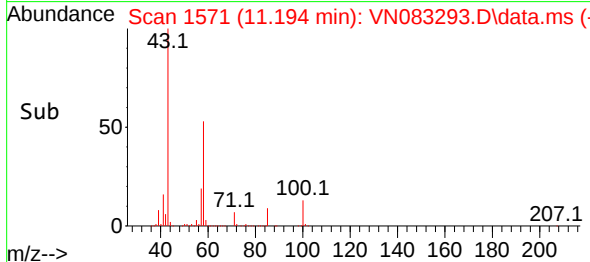
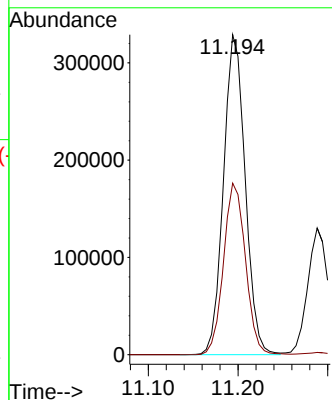
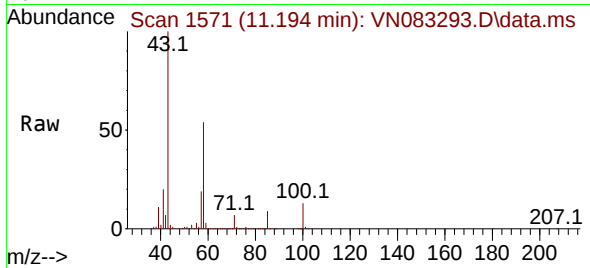




#59
2-Hexanone
Concen: 246.056 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

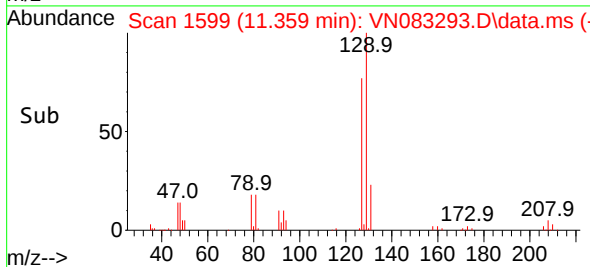
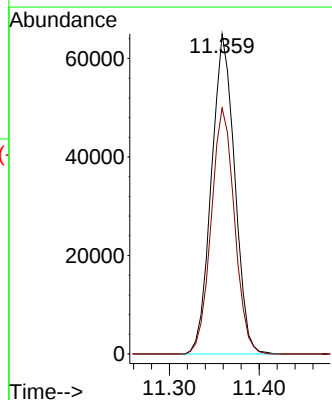
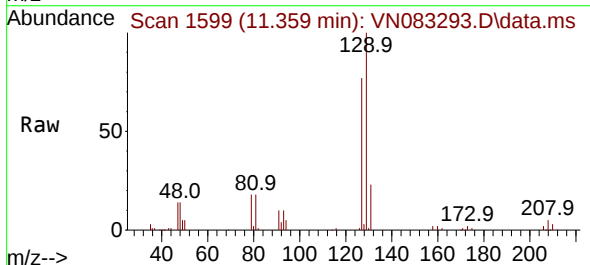
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

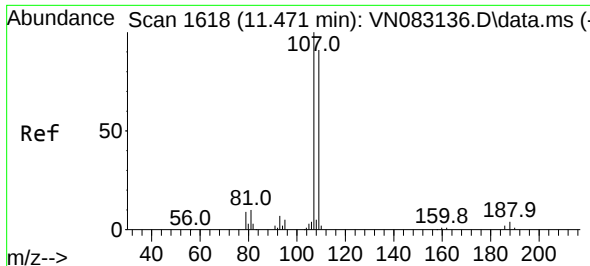
Tgt Ion: 43 Resp: 552591
Ion Ratio Lower Upper
43 100
58 54.2 24.6 73.8



#60
Dibromochloromethane
Concen: 52.243 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 129 Resp: 116816
Ion Ratio Lower Upper
129 100
127 77.0 39.2 117.6

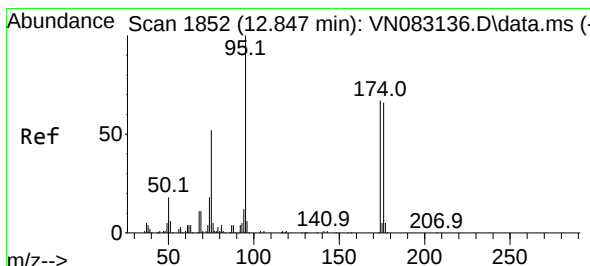
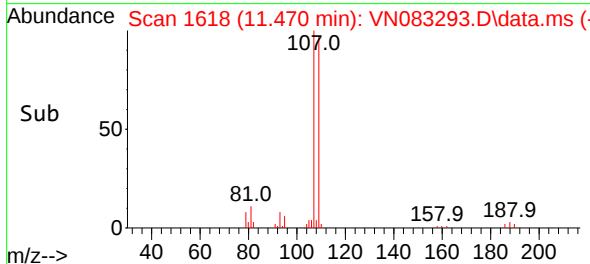
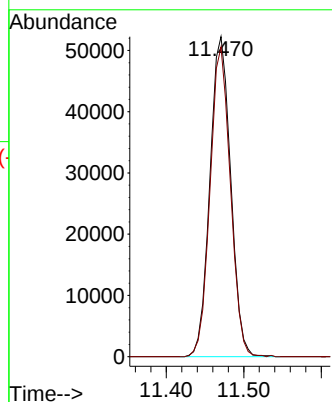
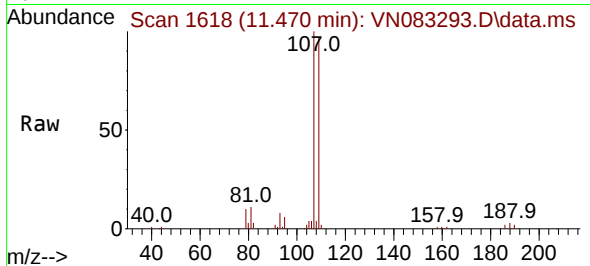




#61
1,2-Dibromoethane
Concen: 50.070 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

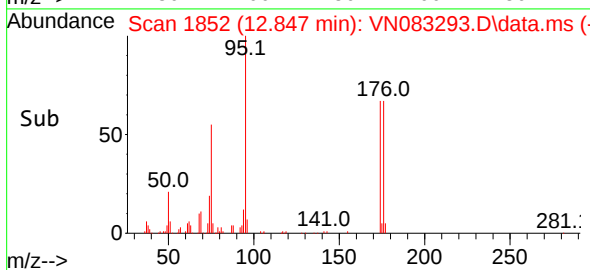
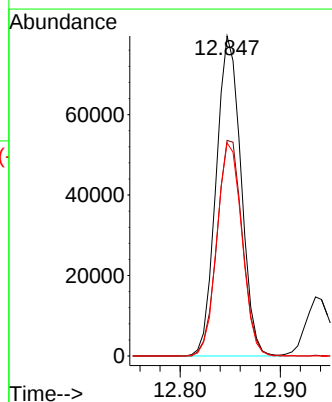
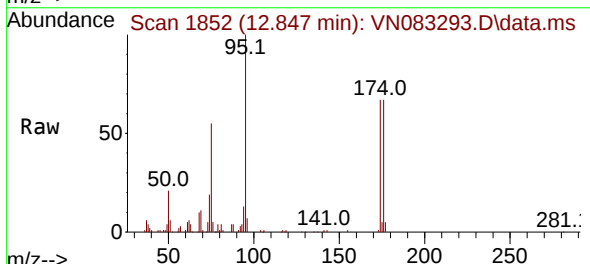
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

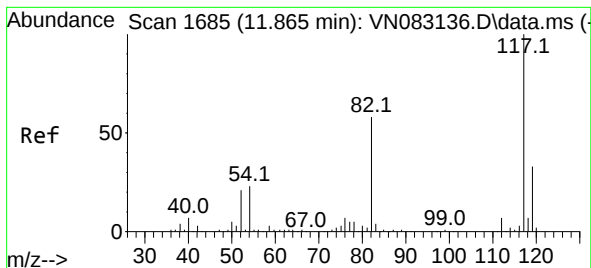
Tgt Ion:107 Resp: 97276
Ion Ratio Lower Upper
107 100
109 94.4 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 51.976 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 95 Resp: 136994
Ion Ratio Lower Upper
95 100
174 68.6 0.0 159.2
176 66.9 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

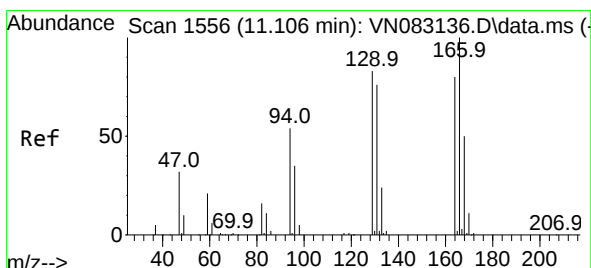
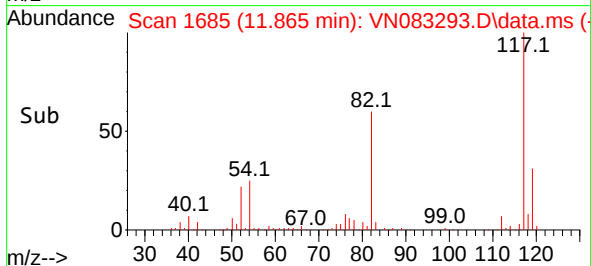
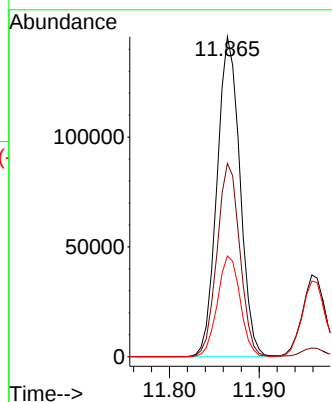
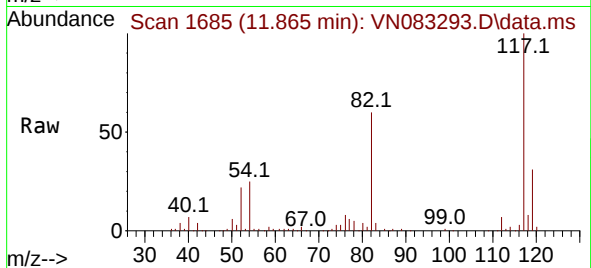
Tgt Ion:117 Resp: 258614

Ion Ratio Lower Upper

117 100

82 60.4 47.5 71.3

119 31.5 25.6 38.4



#64

Tetrachloroethene

Concen: 50.639 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Tgt Ion:164 Resp: 86731

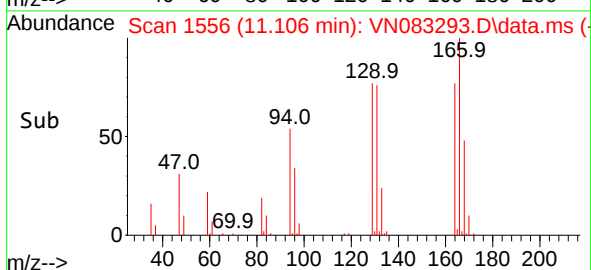
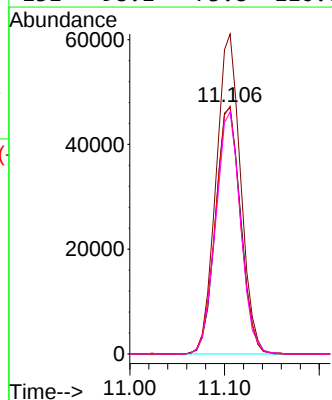
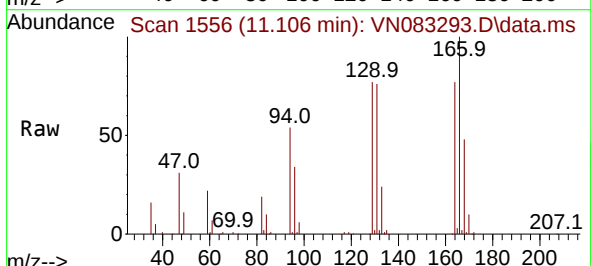
Ion Ratio Lower Upper

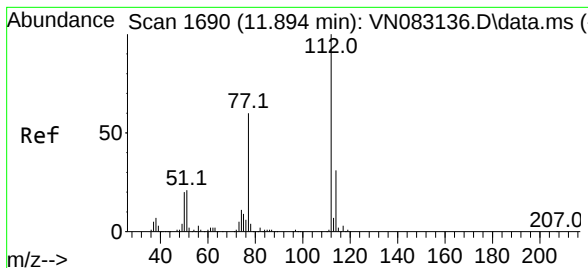
164 100

166 129.8 101.4 152.0

129 100.4 75.7 113.5

131 98.1 73.8 110.6

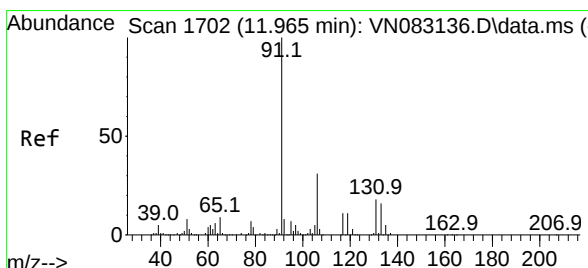
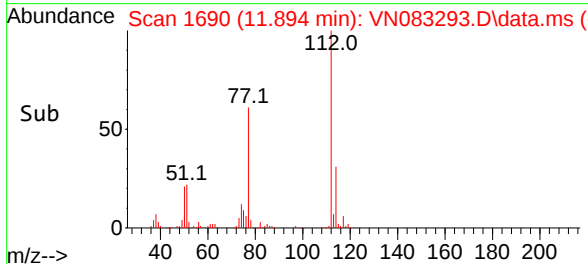
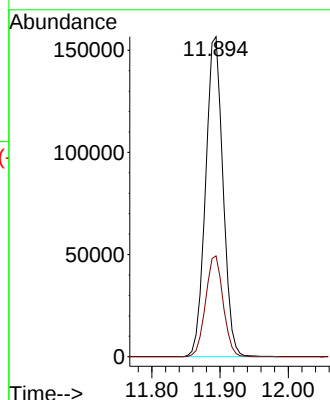
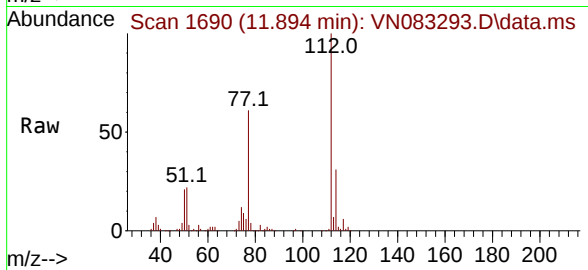




#65
Chlorobenzene
Concen: 48.626 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

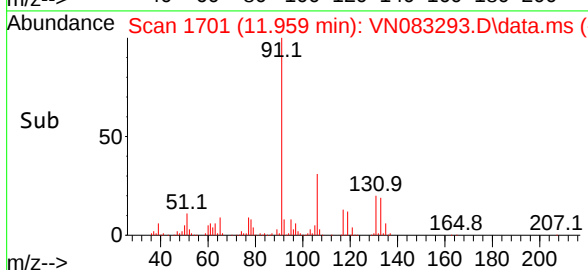
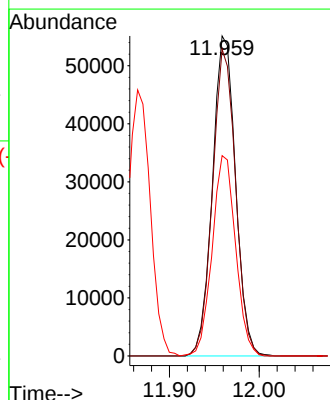
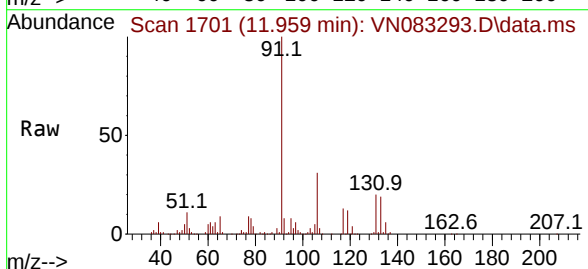
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

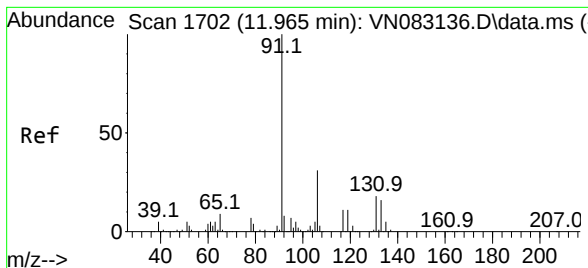
Tgt Ion:112 Resp: 277901
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.963 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion:131 Resp: 98689
Ion Ratio Lower Upper
131 100
133 95.4 47.3 142.0
119 63.5 32.5 97.4

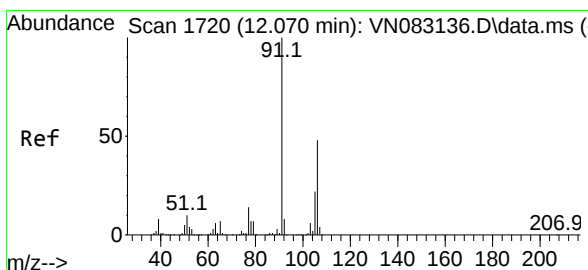
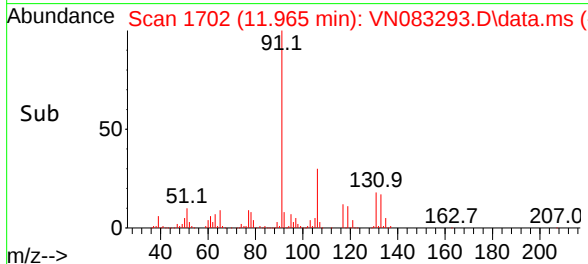
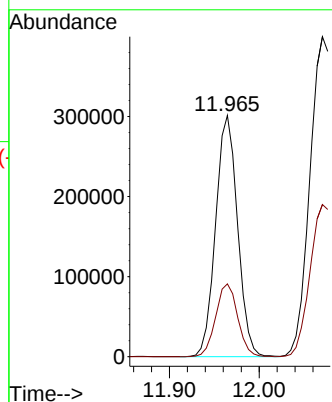
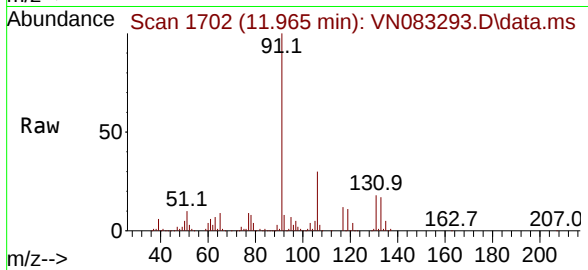




#67
Ethyl Benzene
Concen: 48.699 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

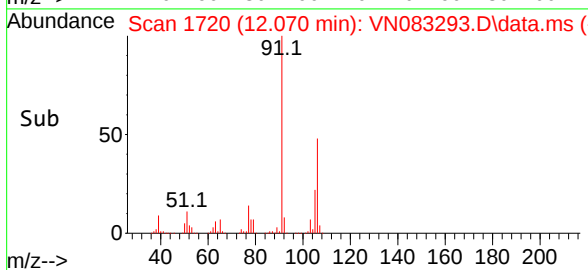
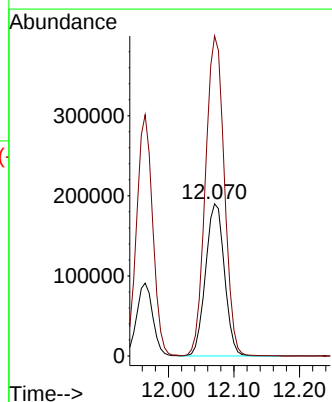
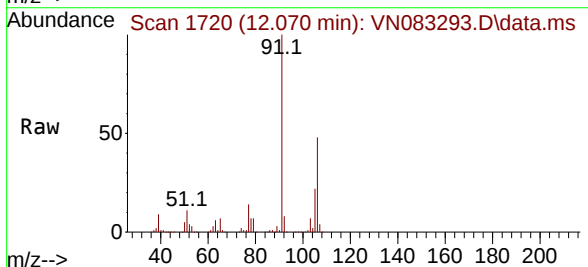
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

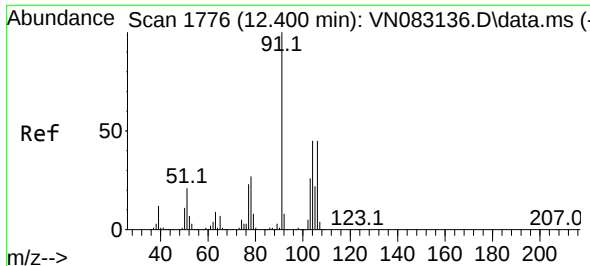
Tgt Ion: 91 Resp: 510560
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0



#68
m/p-Xylenes
Concen: 96.971 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion:106 Resp: 380831
Ion Ratio Lower Upper
106 100
91 210.1 166.1 249.1

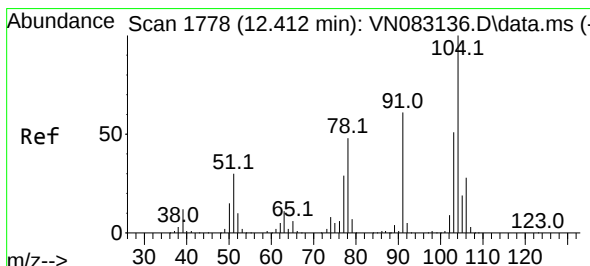
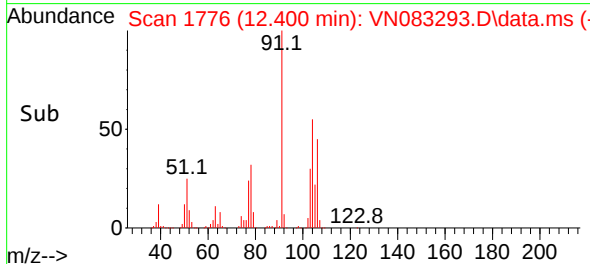
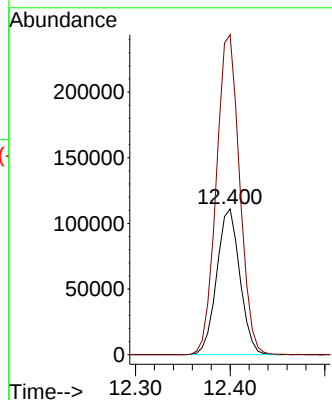
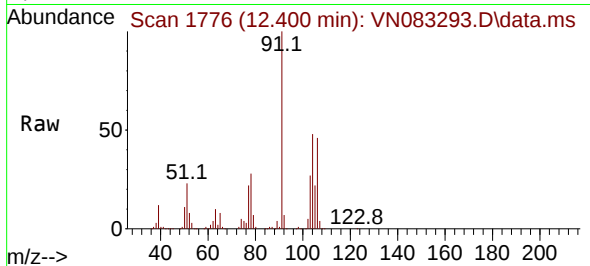




#69
o-Xylene
Concen: 48.647 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

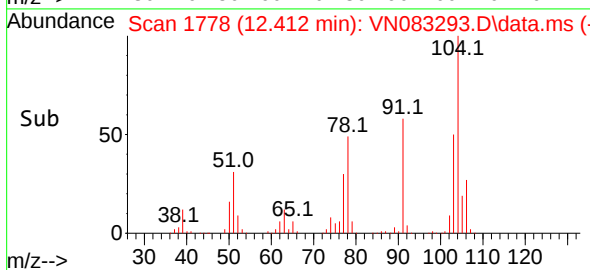
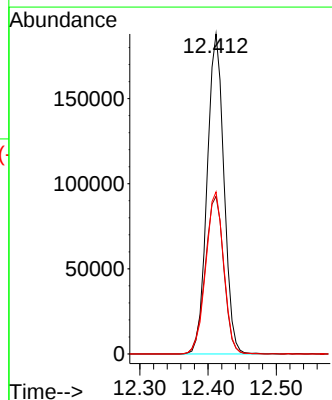
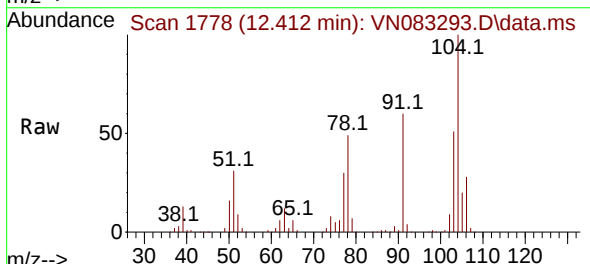
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

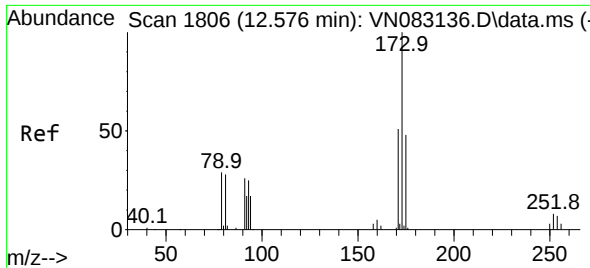
Tgt Ion:106 Resp: 188426
Ion Ratio Lower Upper
106 100
91 221.5 111.3 333.9



#70
Styrene
Concen: 49.541 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion:104 Resp: 322289
Ion Ratio Lower Upper
104 100
78 54.0 41.6 62.4
103 53.9 44.0 66.0

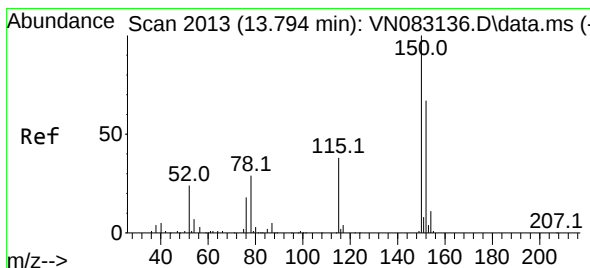
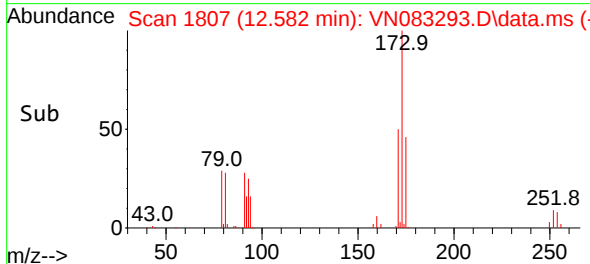
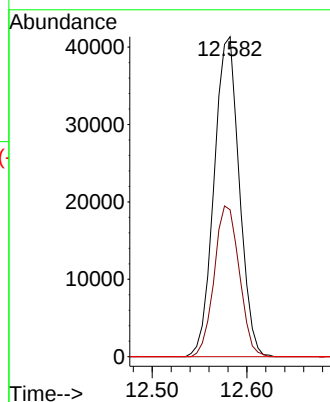
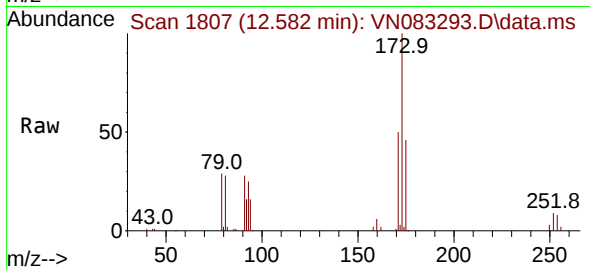




#71
Bromoform
Concen: 50.041 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

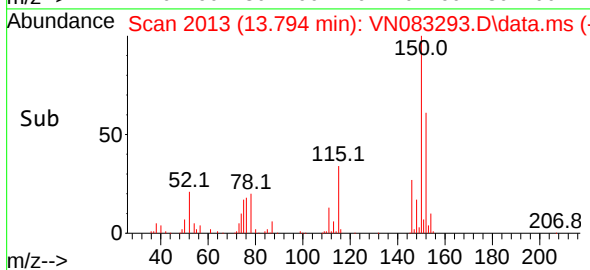
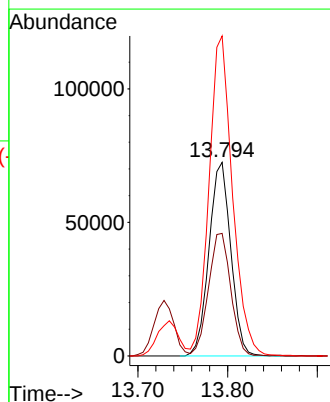
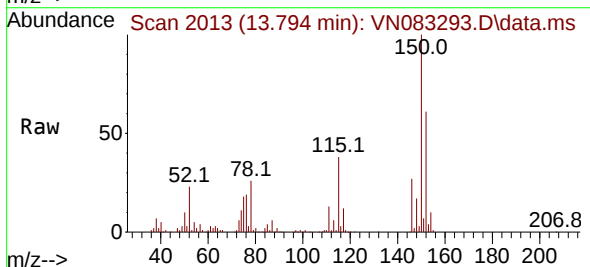
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

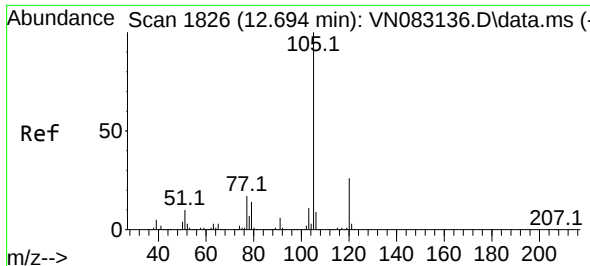
Tgt Ion:173 Resp: 76410
Ion Ratio Lower Upper
173 100
175 46.9 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion:152 Resp: 122472
Ion Ratio Lower Upper
152 100
115 64.6 30.6 91.6
150 177.1 0.0 348.6

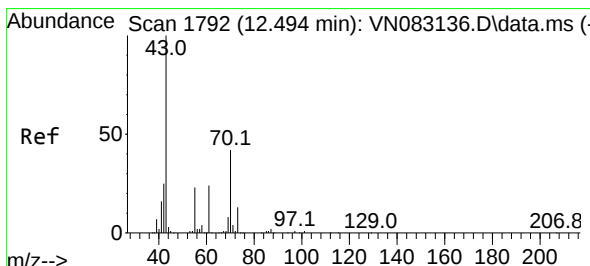
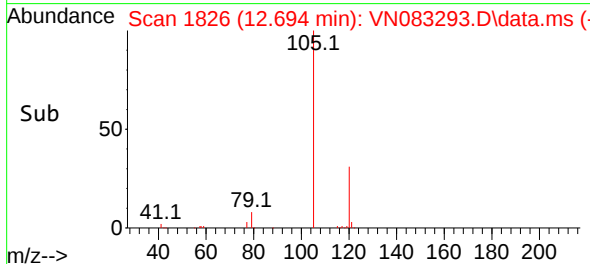
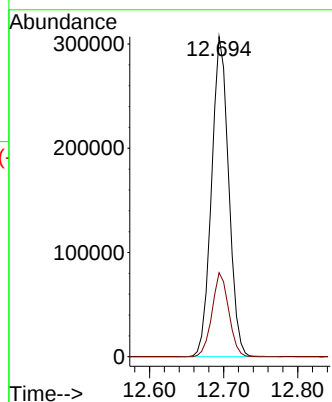
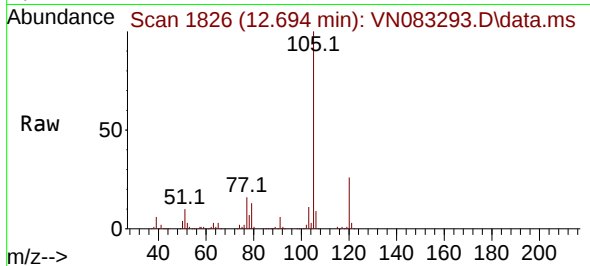




#73
Isopropylbenzene
Concen: 48.035 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

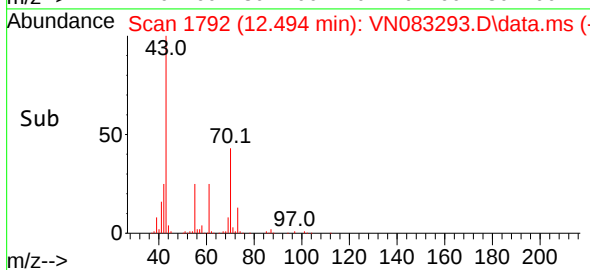
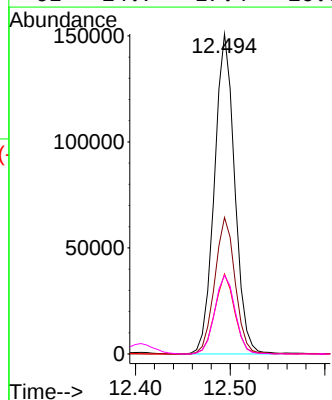
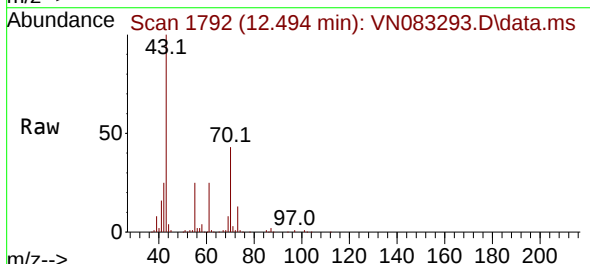
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

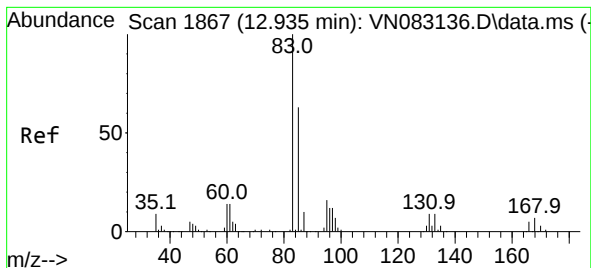
Tgt Ion:105 Resp: 492063
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6



#74
N-ethyl acetate
Concen: 44.823 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 43 Resp: 224593
Ion Ratio Lower Upper
43 100
70 42.8 29.8 44.6
55 24.4 18.7 28.1
61 24.7 17.4 26.0

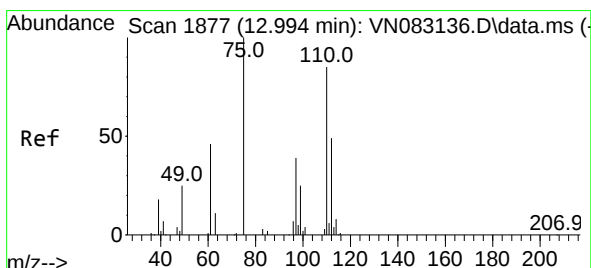
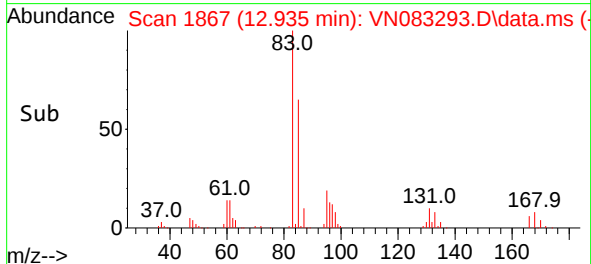
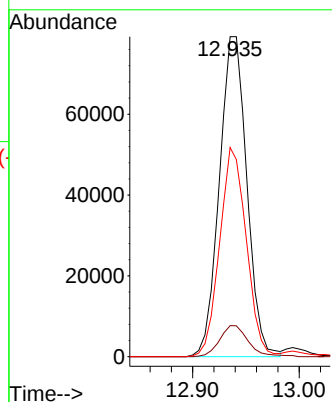
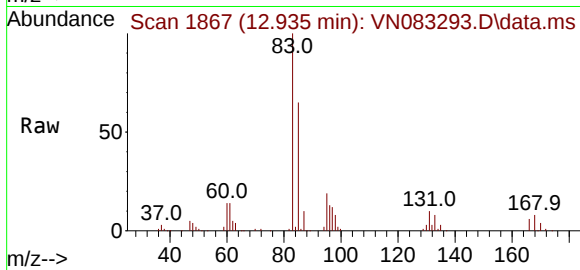




#75
1,1,2-Tetrachloroethane
Concen: 49.035 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

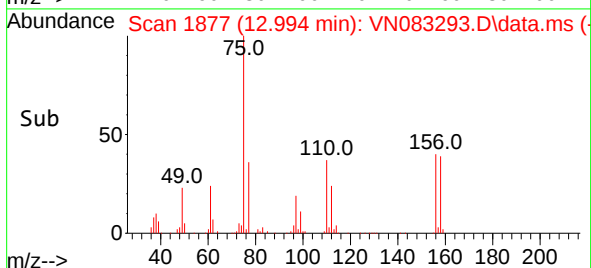
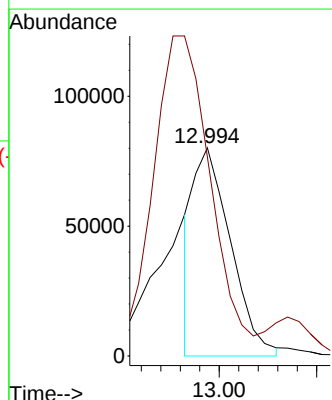
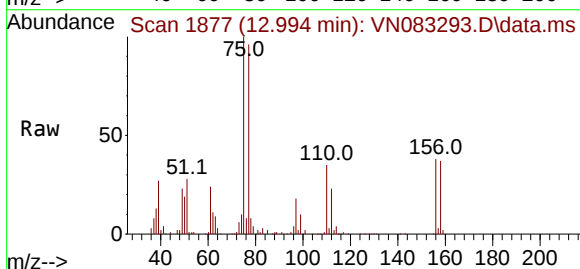
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

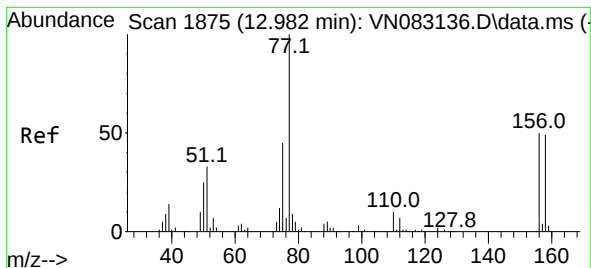
Tgt Ion: 83 Resp: 142069
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 63.1 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 39.664 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 75 Resp: 106614
Ion Ratio Lower Upper
75 100
77 237.2 110.9 332.6





#77

Bromobenzene

Concen: 48.639 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

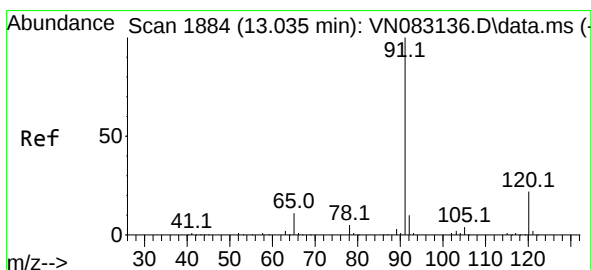
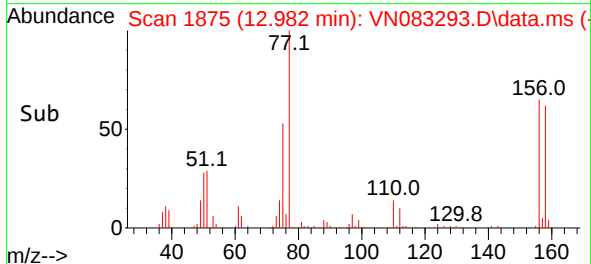
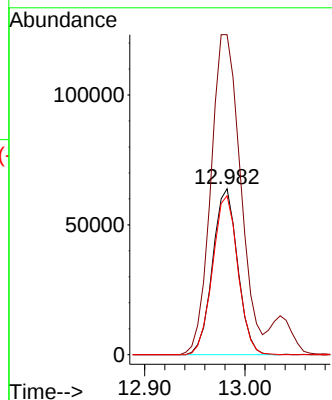
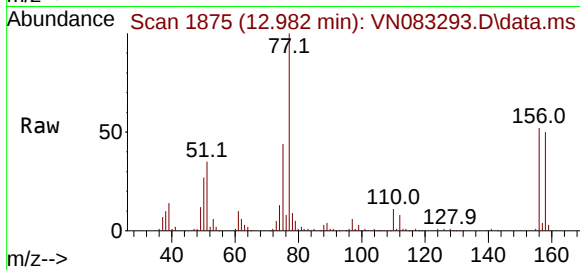
Tgt Ion:156 Resp: 110681

Ion Ratio Lower Upper

156 100

77 228.4 111.3 333.8

158 96.9 48.3 144.9



#78

n-propylbenzene

Concen: 48.376 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN083293.D

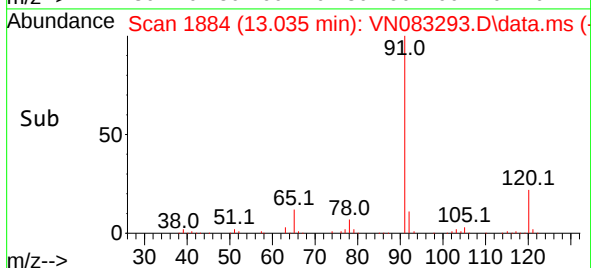
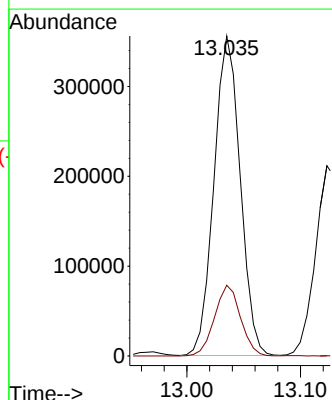
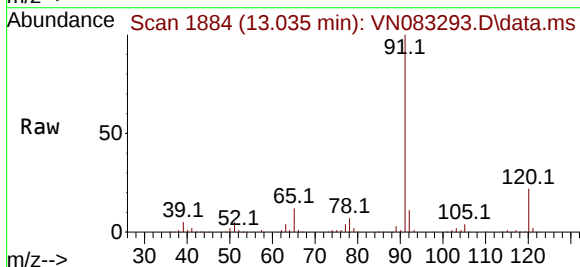
Acq: 14 Aug 2024 11:16

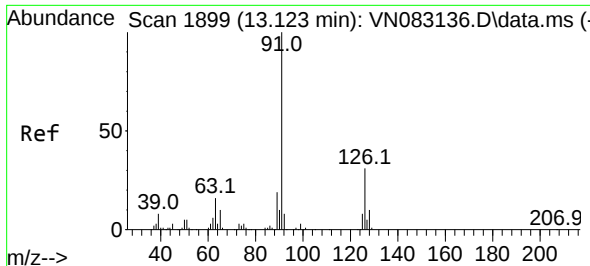
Tgt Ion: 91 Resp: 570625

Ion Ratio Lower Upper

91 100

120 21.9 10.9 32.9

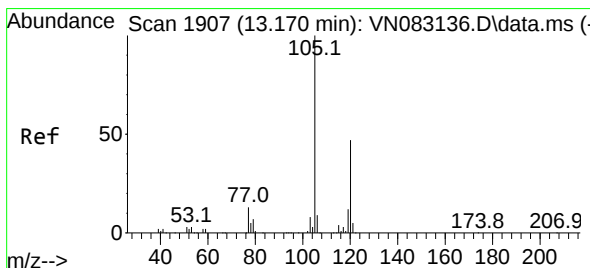
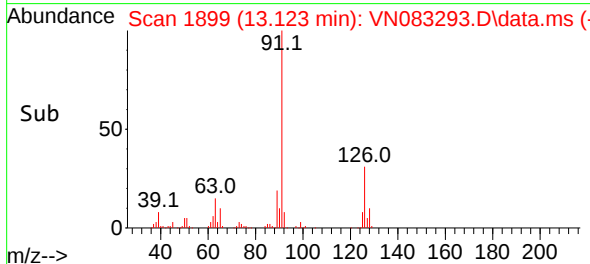
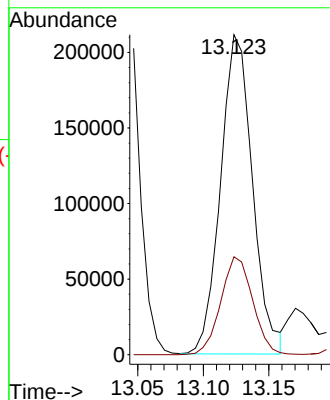
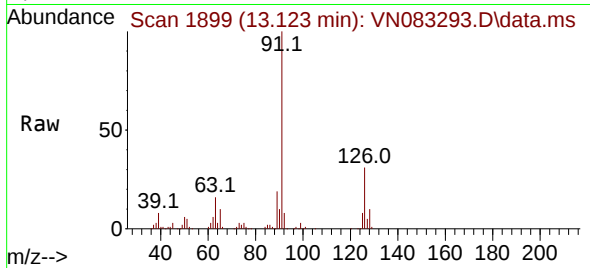




#79
2-Chlorotoluene
Concen: 47.909 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

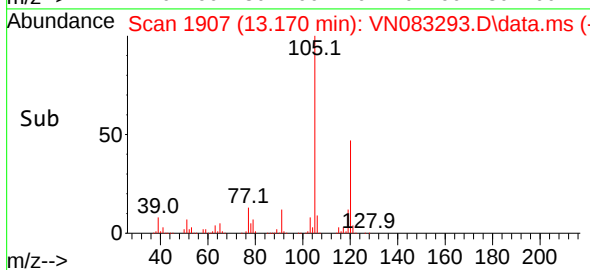
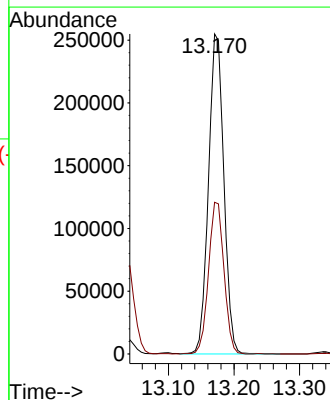
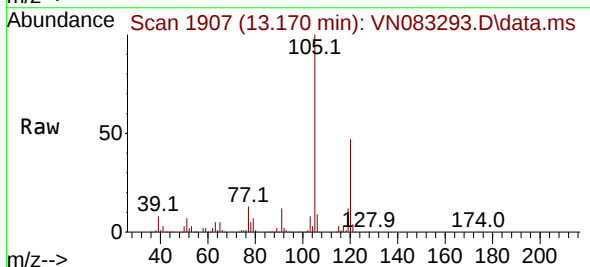
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

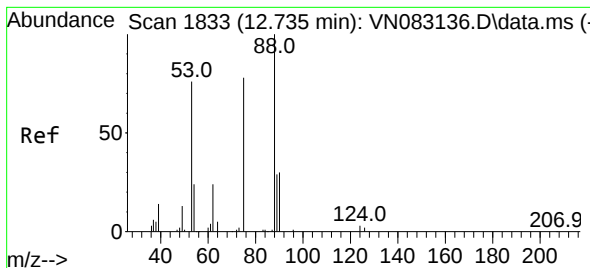
Tgt Ion: 91 Resp: 358278
Ion Ratio Lower Upper
91 100
126 30.6 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 48.467 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 105 Resp: 415668
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.8

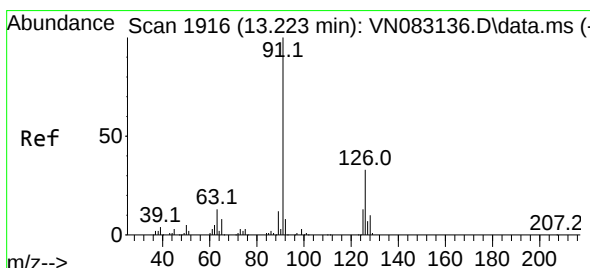
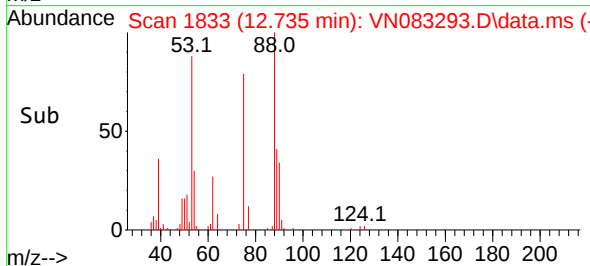
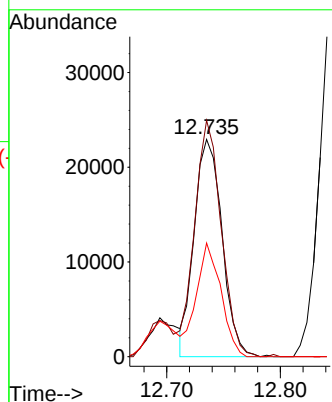
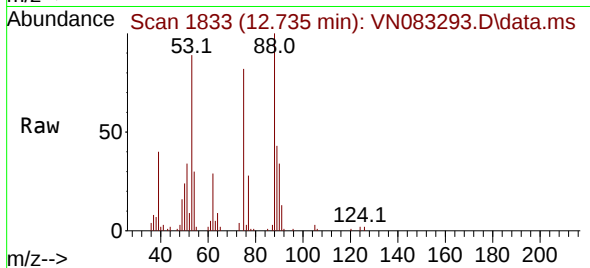




#81
trans-1,4-Dichloro-2-butene
Concen: 31.626 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

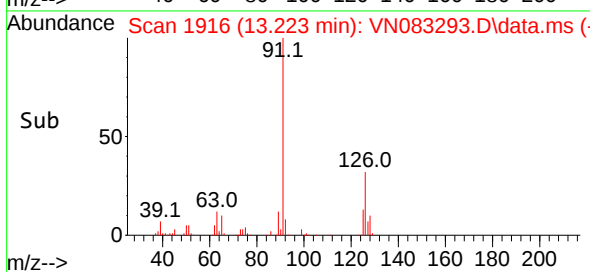
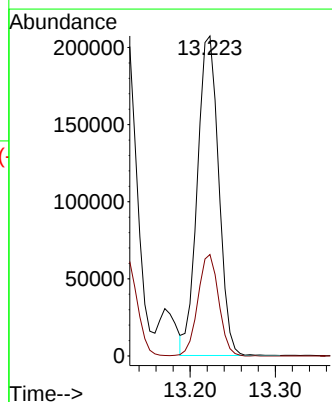
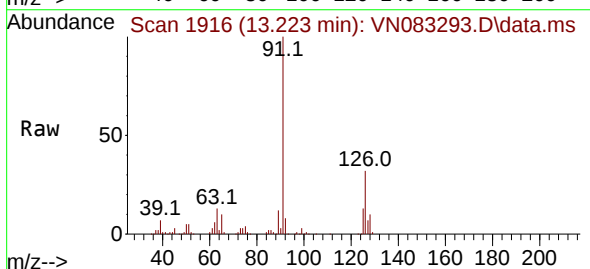
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

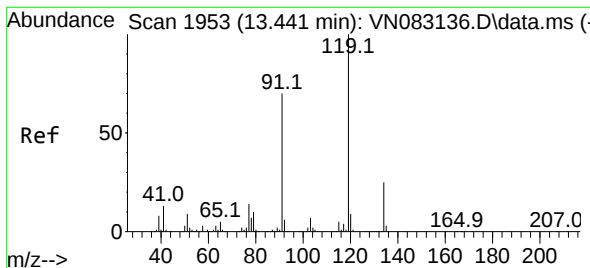
Tgt Ion: 75 Resp: 39080
Ion Ratio Lower Upper
75 100
53 105.9 88.4 132.6
89 46.6 36.3 54.5



#82
4-Chlorotoluene
Concen: 47.991 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 91 Resp: 359993
Ion Ratio Lower Upper
91 100
126 31.1 16.2 48.6





#83

tert-Butylbenzene

Concen: 48.197 ug/l

RT: 13.435 min Scan# 1953

Delta R.T. -0.006 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

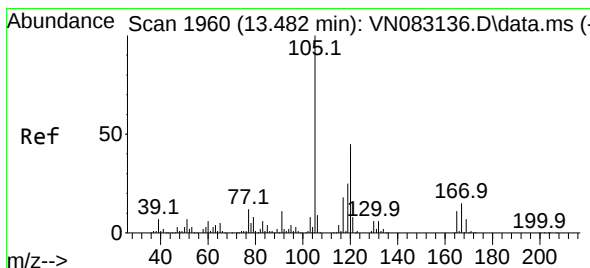
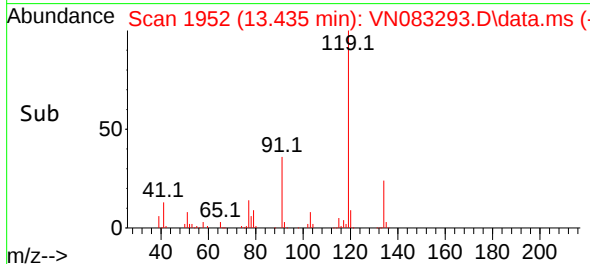
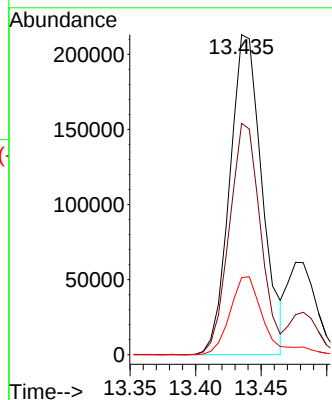
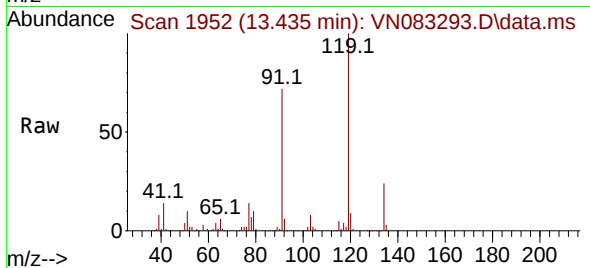
Tgt Ion:119 Resp: 366056

Ion Ratio Lower Upper

119 100

91 69.8 35.0 105.1

134 25.6 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 48.805 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083293.D

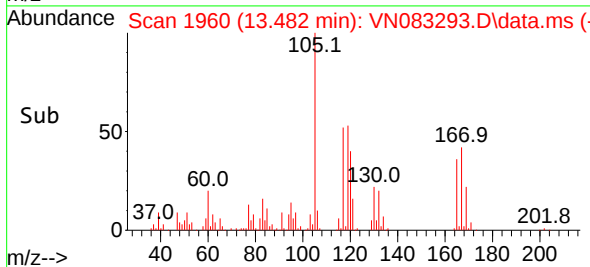
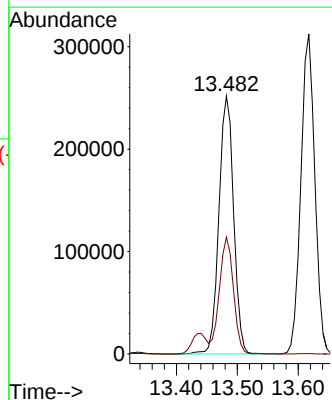
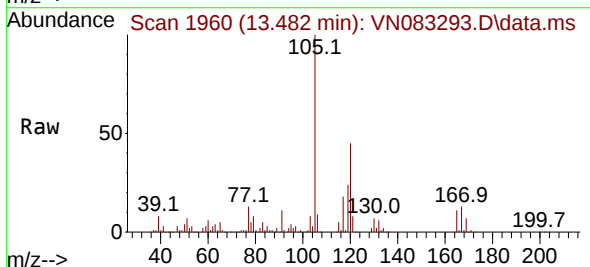
Acq: 14 Aug 2024 11:16

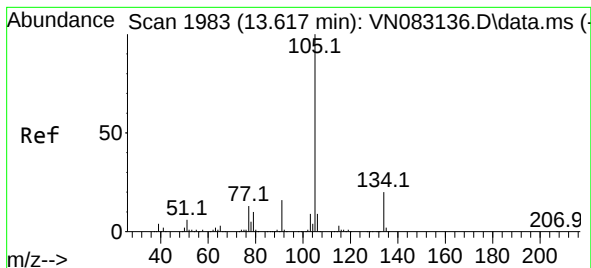
Tgt Ion:105 Resp: 421815

Ion Ratio Lower Upper

105 100

120 43.4 21.9 65.8





#85

sec-Butylbenzene

Concen: 47.913 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

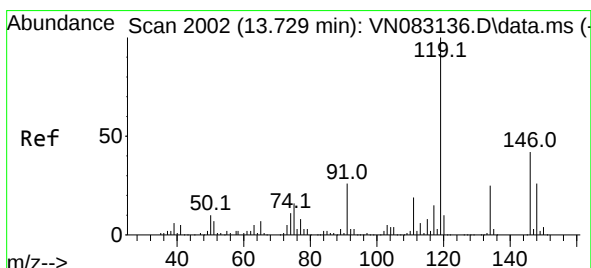
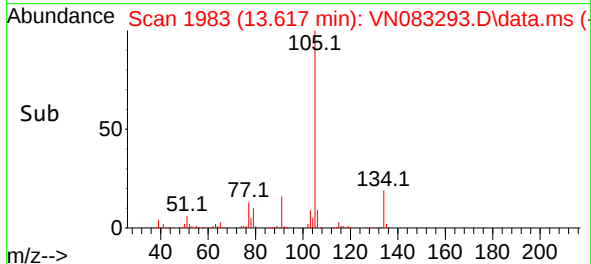
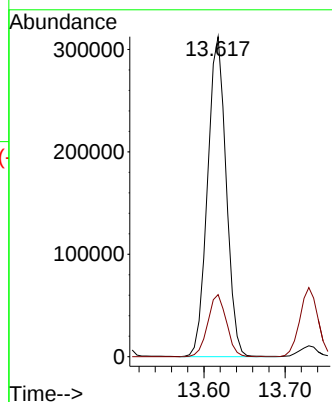
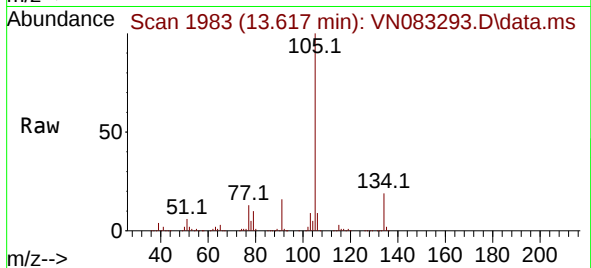
VSTDCCC050EC

Tgt Ion:105 Resp: 496548

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 49.138 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

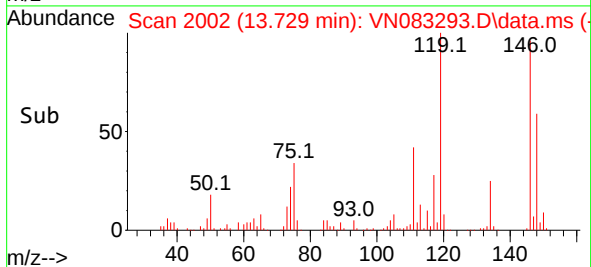
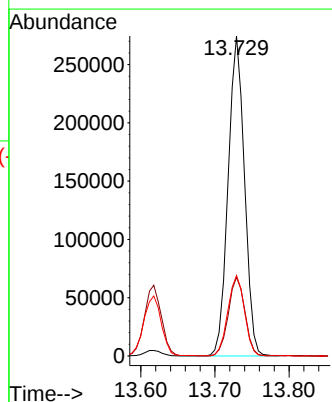
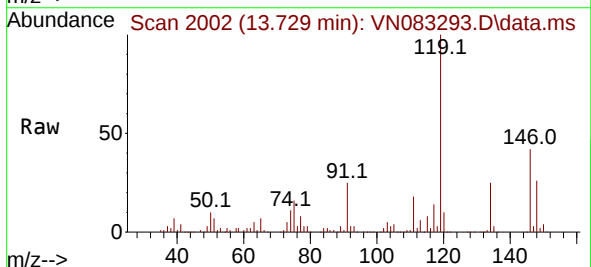
Tgt Ion:119 Resp: 420468

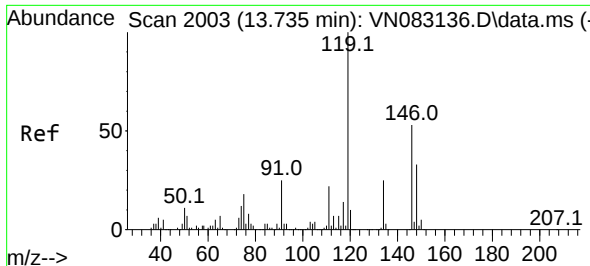
Ion Ratio Lower Upper

119 100

134 24.9 13.0 39.0

91 25.5 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 48.645 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

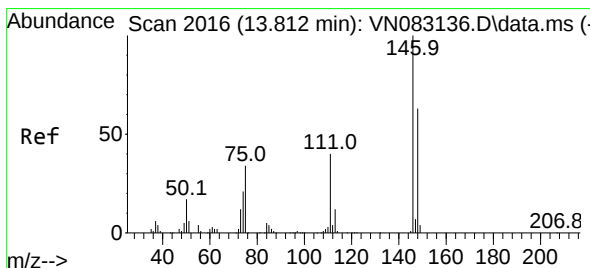
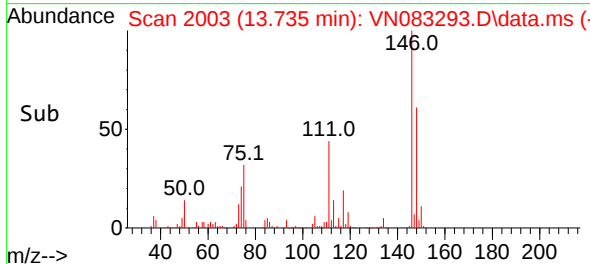
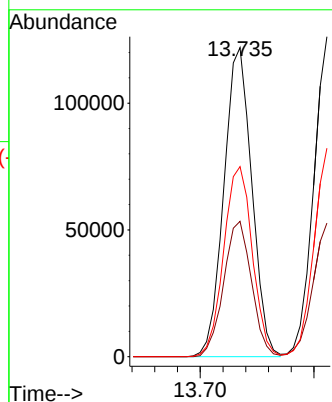
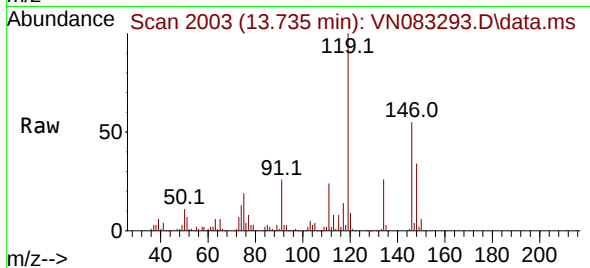
Tgt Ion:146 Resp: 208290

Ion Ratio Lower Upper

146 100

111 43.7 20.6 61.9

148 63.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.814 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

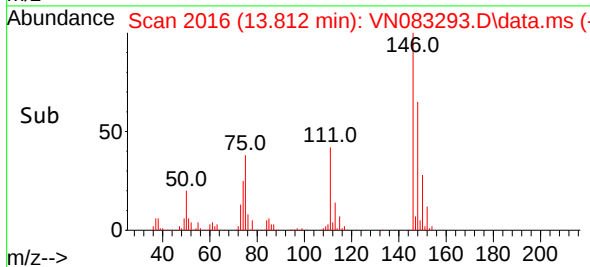
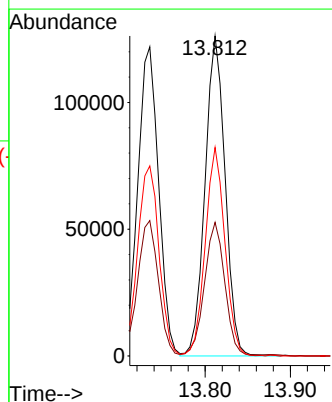
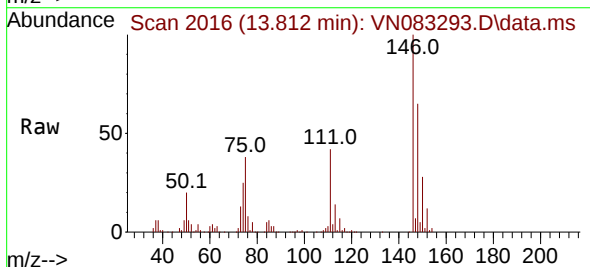
Tgt Ion:146 Resp: 206401

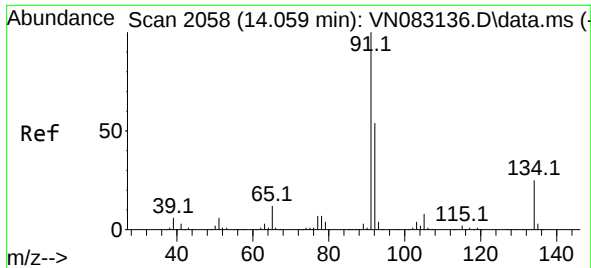
Ion Ratio Lower Upper

146 100

111 42.1 20.1 60.3

148 64.0 32.2 96.6





#89

n-Butylbenzene

Concen: 47.646 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

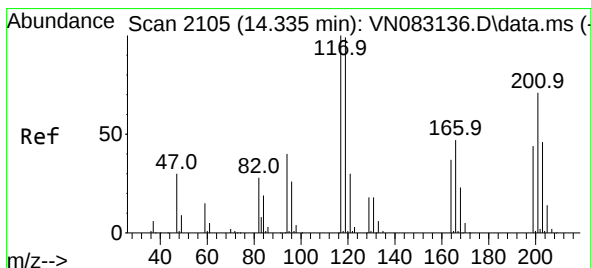
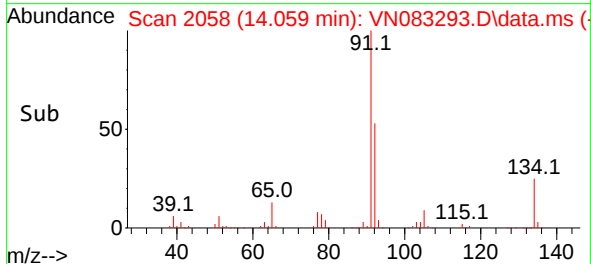
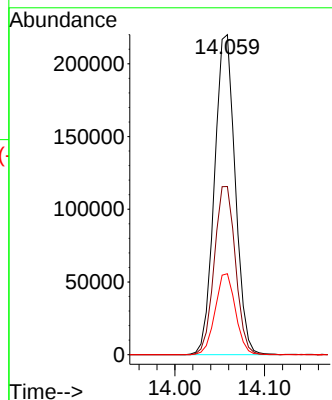
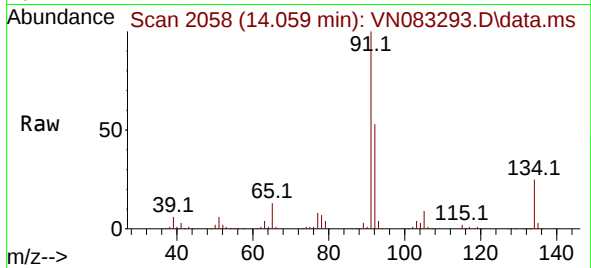
Tgt Ion: 91 Resp: 353270

Ion Ratio Lower Upper

91 100

92 53.6 26.1 78.3

134 24.9 12.1 36.3



#90

Hexachloroethane

Concen: 47.367 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN083293.D

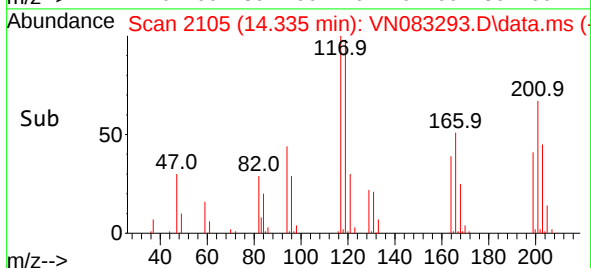
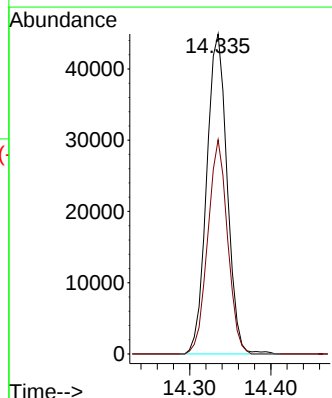
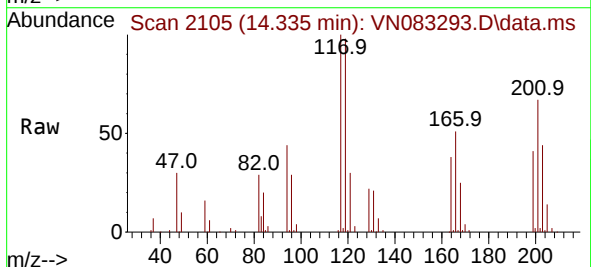
Acq: 14 Aug 2024 11:16

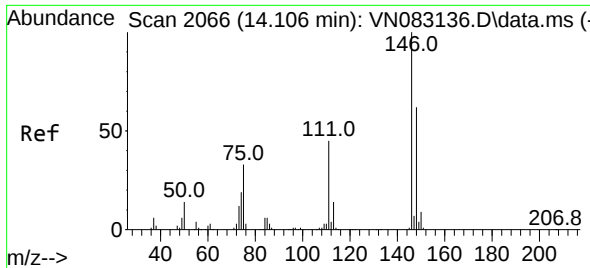
Tgt Ion: 117 Resp: 78305

Ion Ratio Lower Upper

117 100

201 64.8 35.8 107.3

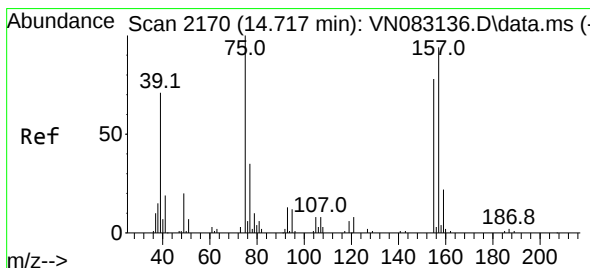
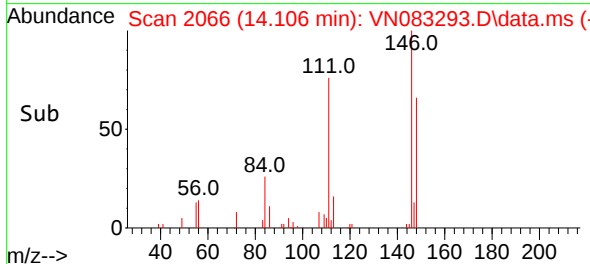
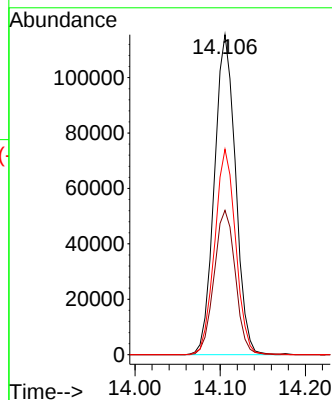
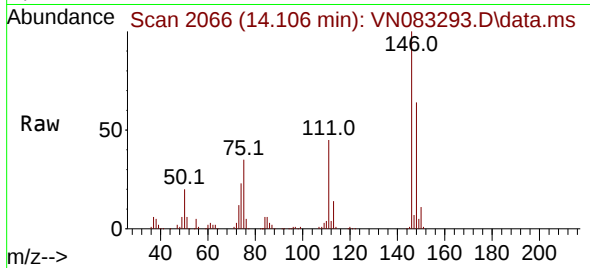




#91
1,2-Dichlorobenzene
Concen: 48.176 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

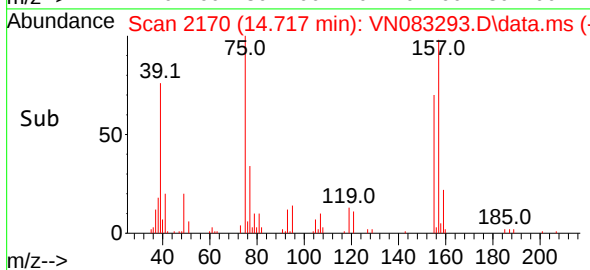
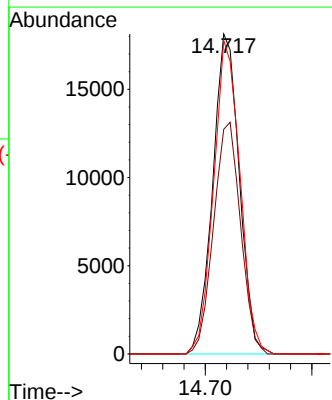
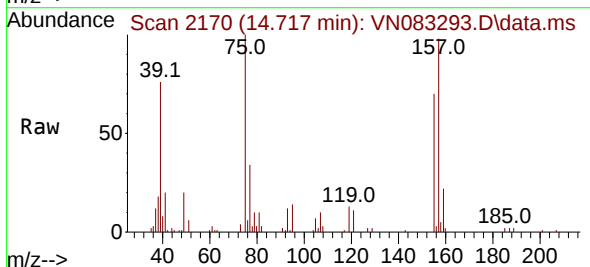
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

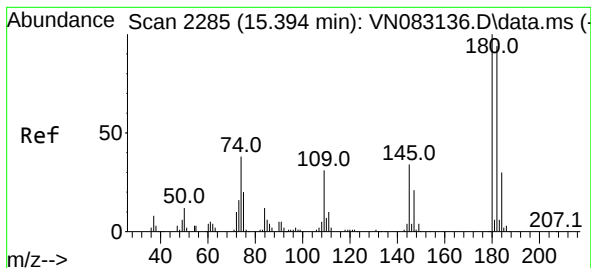
Tgt Ion:146 Resp: 199616
Ion Ratio Lower Upper
146 100
111 45.3 21.4 64.2
148 63.8 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.652 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN083293.D
Acq: 14 Aug 2024 11:16

Tgt Ion: 75 Resp: 31393
Ion Ratio Lower Upper
75 100
155 73.7 36.6 109.8
157 96.9 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 47.380 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

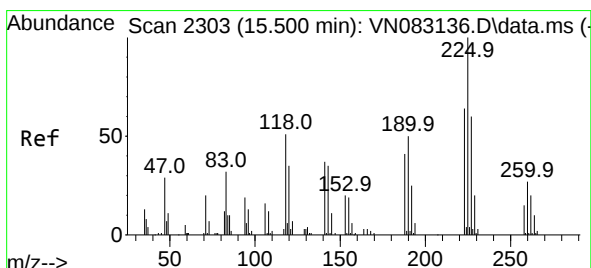
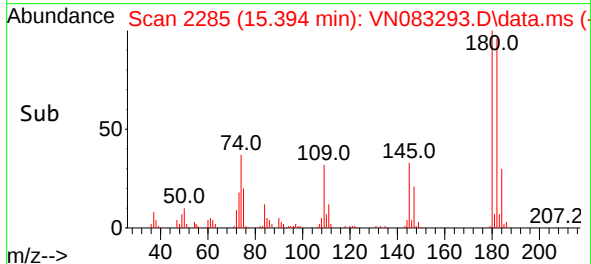
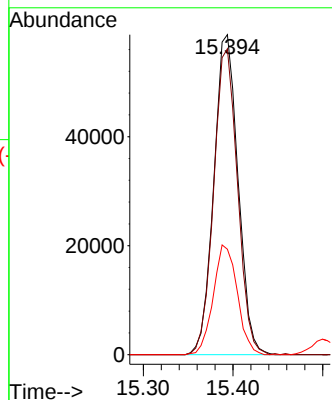
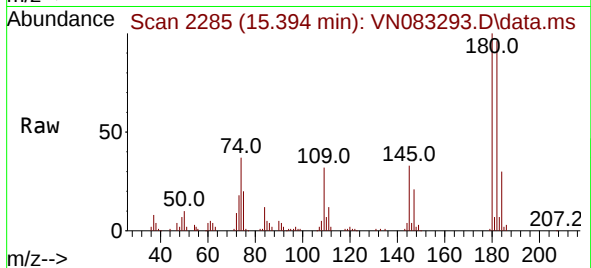
Tgt Ion:180 Resp: 109984

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.8

145 34.0 15.7 47.1



#94

Hexachlorobutadiene

Concen: 41.354 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

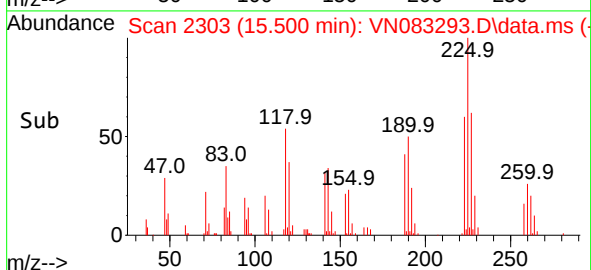
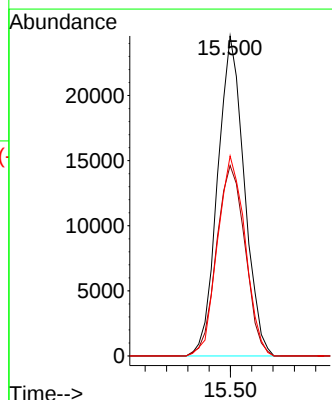
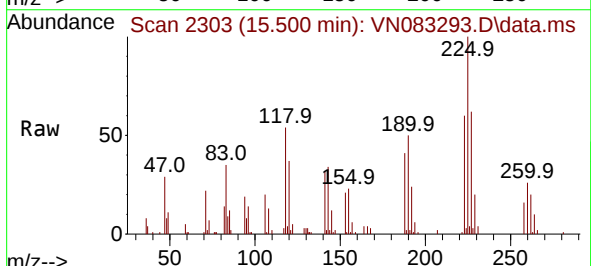
Tgt Ion:225 Resp: 42692

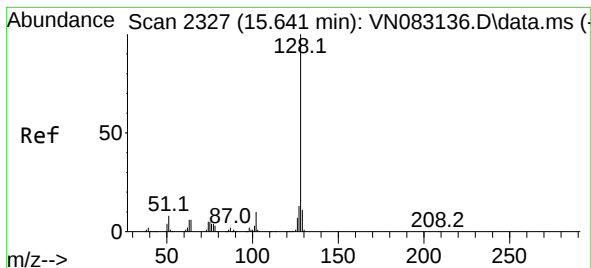
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.7

227 64.8 32.5 97.5





#95

Naphthalene

Concen: 47.416 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

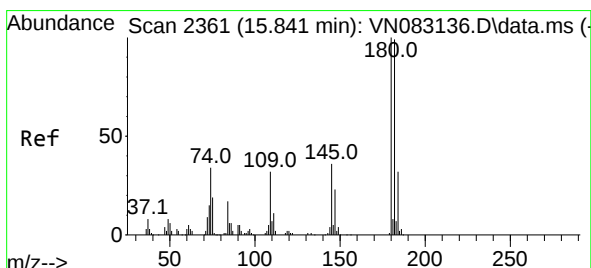
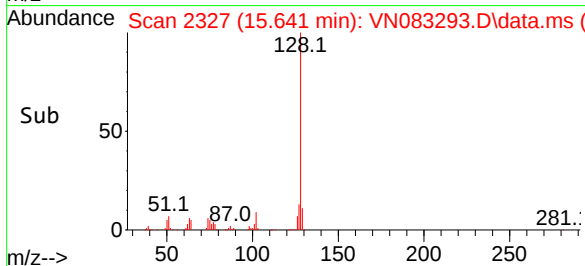
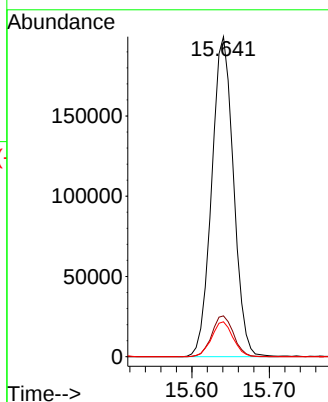
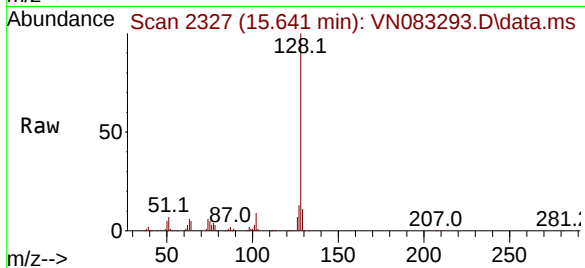
Tgt Ion:128 Resp: 389886

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 47.325 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN083293.D

Acq: 14 Aug 2024 11:16

Tgt Ion:180 Resp: 108701

Ion Ratio Lower Upper

180 100

182 95.3 48.9 146.8

145 35.5 16.8 50.4

