

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081624\
 Data File : VN083365.D
 Acq On : 16 Aug 2024 19:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 17 01:55:27 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	135558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	214552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	113415	58.779	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.560%
35) Dibromofluoromethane	8.165	113	84683	56.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.100%
50) Toluene-d8	10.565	98	305196	54.152	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.300%
62) 4-Bromofluorobenzene	12.853	95	122040	55.544	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	79009	51.397	ug/l	99
3) Chloromethane	2.359	50	80434	51.107	ug/l	100
4) Vinyl Chloride	2.512	62	90056	56.078	ug/l	99
5) Bromomethane	2.930	94	44979	45.138	ug/l	90
6) Chloroethane	3.106	64	58729	58.454	ug/l	98
7) Trichlorofluoromethane	3.483	101	155655	58.673	ug/l	95
8) Diethyl Ether	3.959	74	55854	56.579	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.365	101	84423	57.719	ug/l	98
10) Methyl Iodide	4.583	142	90407	46.989	ug/l	94
11) Tert butyl alcohol	5.530	59	129496	322.941	ug/l	98
12) 1,1-Dichloroethene	4.336	96	77946	51.871	ug/l	90
13) Acrolein	4.177	56	85802	328.313	ug/l	100
14) Allyl chloride	5.024	41	149477	52.638	ug/l	88
15) Acrylonitrile	5.724	53	252220	305.836	ug/l	99
16) Acetone	4.430	43	208905	276.690	ug/l	97
17) Carbon Disulfide	4.712	76	191412	43.533	ug/l	97
18) Methyl Acetate	5.024	43	147527	65.582	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	312259	57.571	ug/l	97
20) Methylene Chloride	5.277	84	93455	53.783	ug/l	85
21) trans-1,2-Dichloroethene	5.789	96	82672	53.230	ug/l	91
22) Diisopropyl ether	6.677	45	313435	58.719	ug/l	94
23) Vinyl Acetate	6.606	43	1781851	325.678	ug/l #	95
24) 1,1-Dichloroethane	6.571	63	171727	59.023	ug/l	100
25) 2-Butanone	7.483	43	342095	295.088	ug/l	95
26) 2,2-Dichloropropane	7.494	77	128591	47.591	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	104509	55.764	ug/l	93
28) Bromochloromethane	7.818	49	70231	59.066	ug/l	87
29) Tetrahydrofuran	7.841	42	227908	304.116	ug/l	89
30) Chloroform	7.965	83	186166	61.589	ug/l	100
31) Cyclohexane	8.259	56	137145	47.963	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	166930	58.343	ug/l	96
36) 1,1-Dichloropropene	8.371	75	123699	54.123	ug/l	100
37) Ethyl Acetate	7.559	43	139962	54.694	ug/l #	94
38) Carbon Tetrachloride	8.365	117	143022	55.559	ug/l	97
39) Methylcyclohexane	9.600	83	138096	49.193	ug/l	99
40) Benzene	8.606	78	377757	55.482	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	77647	53.365	ug/l	95
42) 1,2-Dichloroethane	8.671	62	146581	59.100	ug/l	100
43) Isopropyl Acetate	8.688	43	271775	62.159	ug/l	98
44) Trichloroethene	9.353	130	89586	55.280	ug/l	95
45) 1,2-Dichloropropane	9.624	63	95450	59.059	ug/l	99
46) Dibromomethane	9.712	93	69971	60.486	ug/l	97
47) Bromodichloromethane	9.888	83	150007	57.752	ug/l #	98
48) Methyl methacrylate	9.682	41	115624	54.652	ug/l	91
49) 1,4-Dioxane	9.694	88	45634	1195.592	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	740727	306.098	ug/l	94
52) Toluene	10.629	92	241096	56.044	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	148444	55.636	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	155330	54.734	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	93093	60.384	ug/l	97
56) Ethyl methacrylate	10.876	69	166234	57.197	ug/l	86
57) 1,3-Dichloropropane	11.165	76	164830	59.983	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	317759	258.652	ug/l	98
59) 2-Hexanone	11.194	43	556852	297.443	ug/l	93
60) Dibromochloromethane	11.359	129	110985	59.543	ug/l	100
61) 1,2-Dibromoethane	11.471	107	94213	58.173	ug/l	97
64) Tetrachloroethene	11.106	164	74174	52.201	ug/l	95
65) Chlorobenzene	11.894	112	259599	54.752	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	94866	56.732	ug/l	99
67) Ethyl Benzene	11.965	91	480837	55.282	ug/l	99
68) m/p-Xylenes	12.070	106	358009	109.881	ug/l	97
69) o-Xylene	12.400	106	176841	55.032	ug/l	100
70) Styrene	12.412	104	305401	56.586	ug/l	98
71) Bromoform	12.576	173	73672	58.156	ug/l #	99
73) Isopropylbenzene	12.694	105	459861	50.507	ug/l	100
74) N-amyl acetate	12.494	43	222597	49.982	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	140821	54.684	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	190004	79.530	ug/l	43
77) Bromobenzene	12.982	156	107103	52.954	ug/l	97
78) n-propylbenzene	13.035	91	549902	52.451	ug/l	100
79) 2-Chlorotoluene	13.123	91	345393	51.963	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	394478	51.750	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	48760	44.395	ug/l	95
82) 4-Chlorotoluene	13.223	91	337870	50.676	ug/l	99
83) tert-Butylbenzene	13.441	119	346350	51.307	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	405230	52.751	ug/l	99
85) sec-Butylbenzene	13.617	105	480083	52.120	ug/l	99
86) p-Isopropyltoluene	13.729	119	403441	53.046	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	202287	53.153	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	202622	52.810	ug/l	99
89) n-Butylbenzene	14.059	91	351221	53.295	ug/l	100
90) Hexachloroethane	14.335	117	74724	50.855	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	196262	53.291	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31965	51.153	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	104758	50.774	ug/l	96
94) Hexachlorobutadiene	15.500	225	42576	46.400	ug/l	98
95) Naphthalene	15.641	128	382851	52.385	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	106086	51.964	ug/l	95

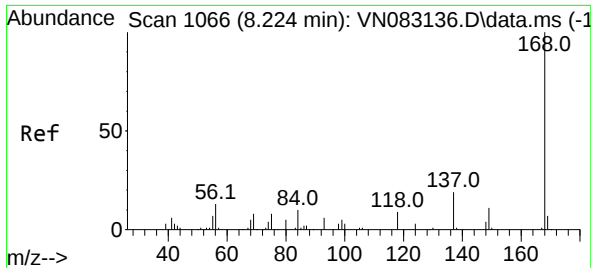
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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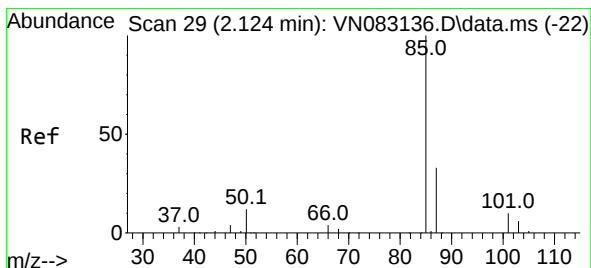
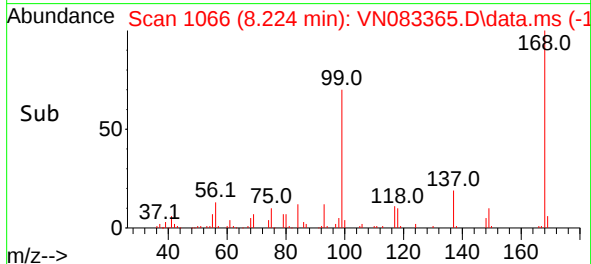
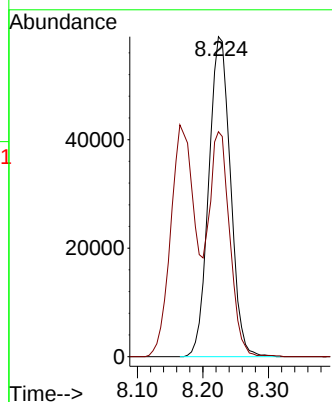
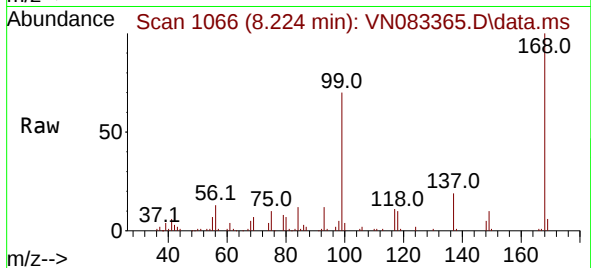
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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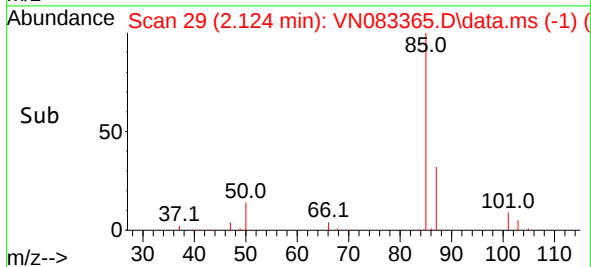
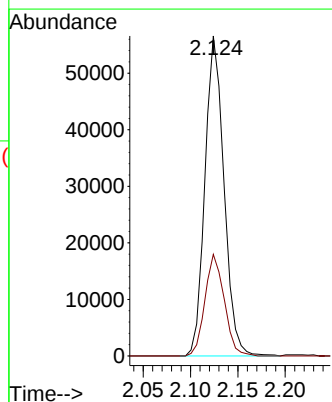
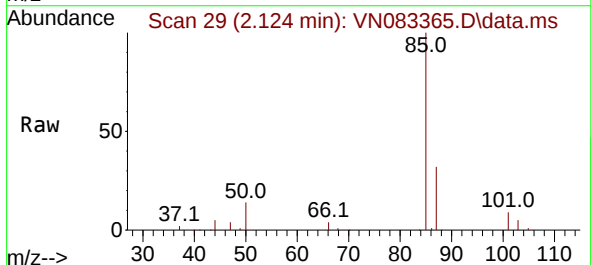
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 135558
Ion Ratio Lower Upper
168 100
99 70.0 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 51.397 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 85 Resp: 79009
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0

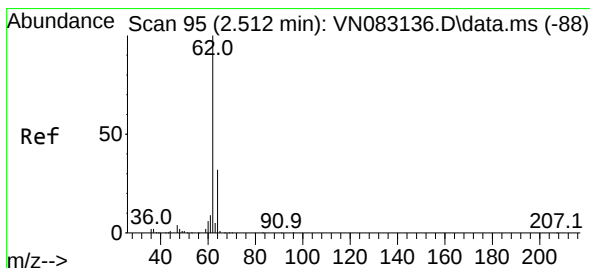
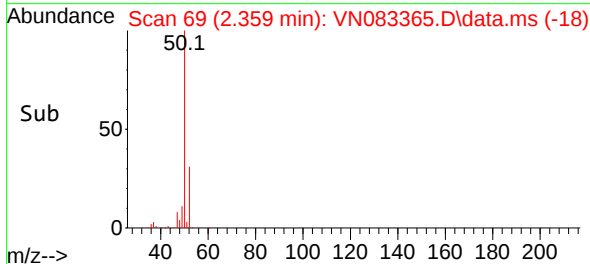
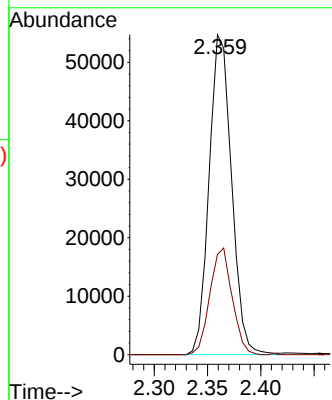
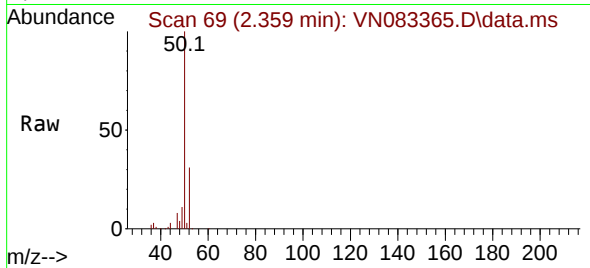




#3
Chloromethane
Concen: 51.107 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

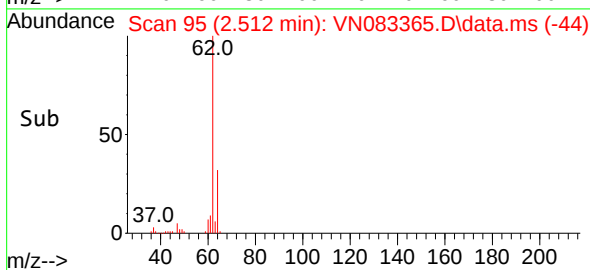
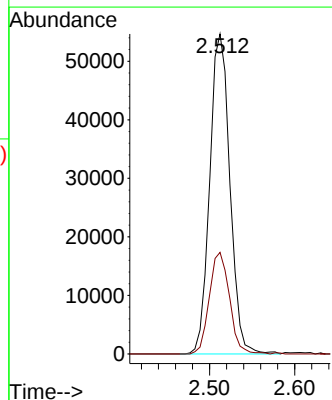
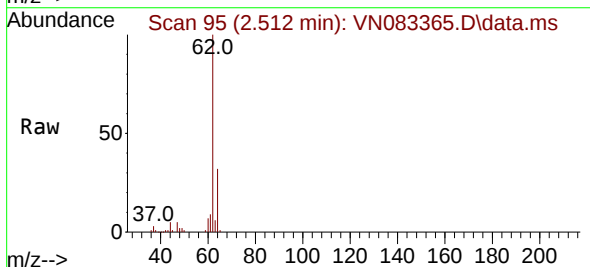
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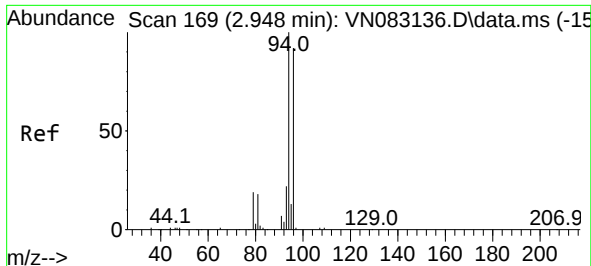
Tgt Ion: 50 Resp: 80434
Ion Ratio Lower Upper
50 100
52 31.3 25.0 37.4



#4
Vinyl Chloride
Concen: 56.078 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 62 Resp: 90056
Ion Ratio Lower Upper
62 100
64 31.7 25.0 37.6

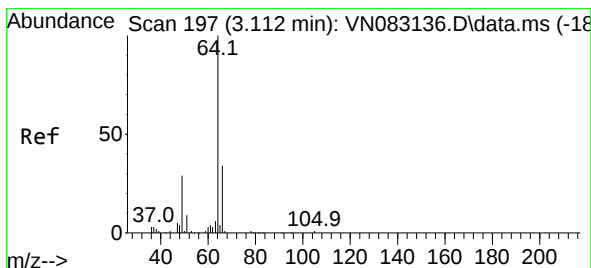
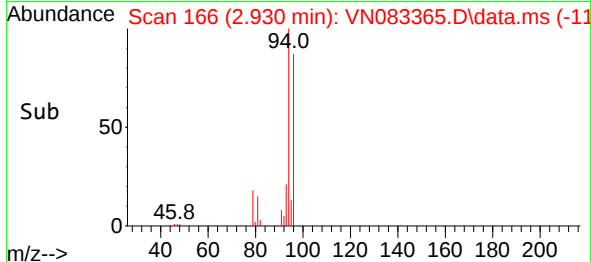
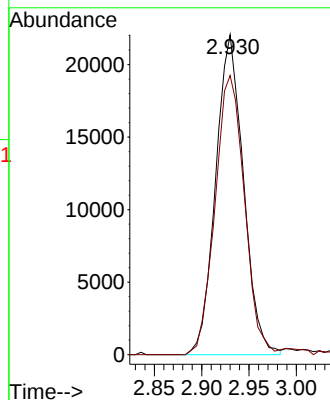
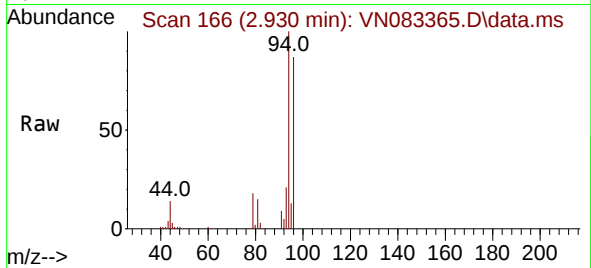




#5
Bromomethane
Concen: 45.138 ug/l
RT: 2.930 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

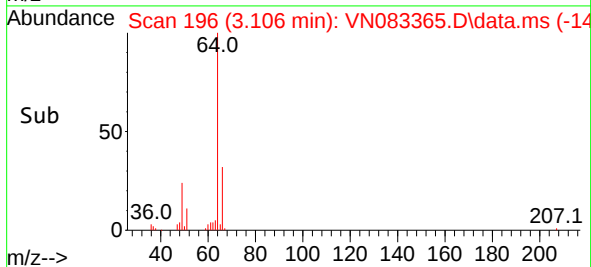
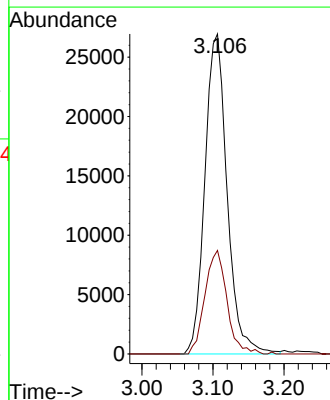
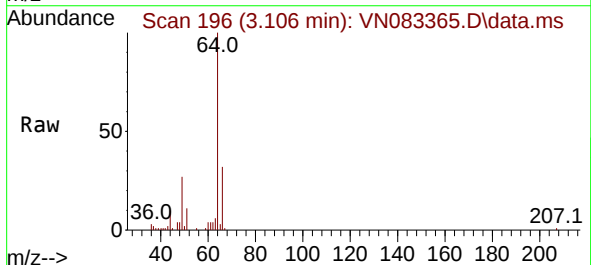
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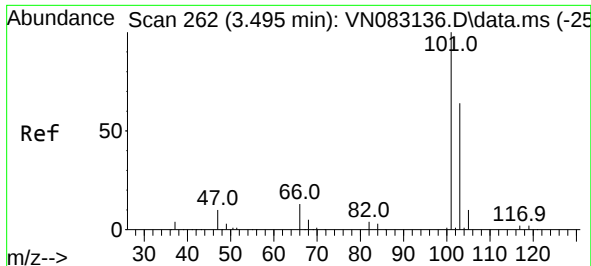
Tgt Ion: 94 Resp: 44979
Ion Ratio Lower Upper
94 100
96 87.3 78.0 117.0



#6
Chloroethane
Concen: 58.454 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.006 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 64 Resp: 58729
Ion Ratio Lower Upper
64 100
66 32.4 26.6 40.0

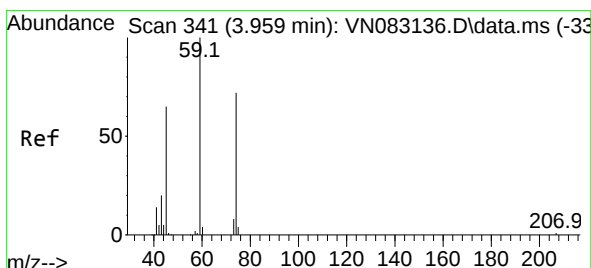
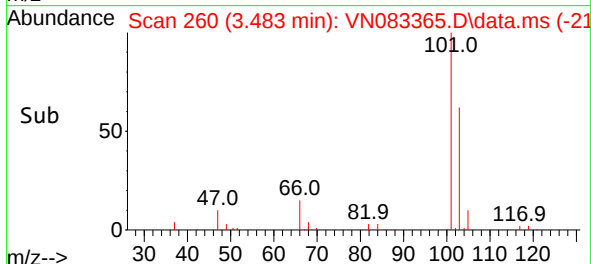
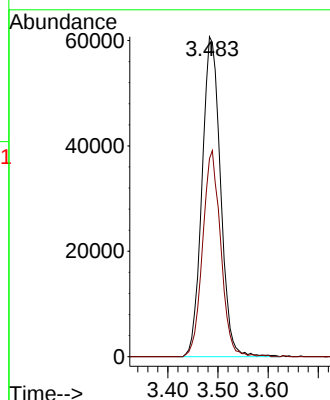
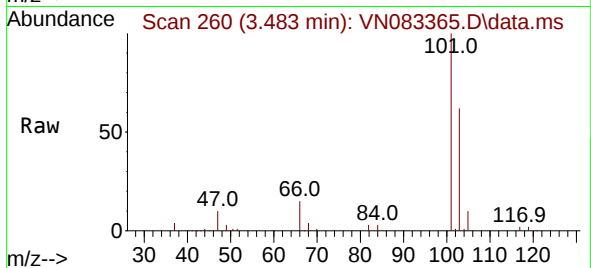




#7
 Trichlorofluoromethane
 Concen: 58.673 ug/l
 RT: 3.483 min Scan# 260
 Delta R.T. -0.012 min
 Lab File: VN083365.D
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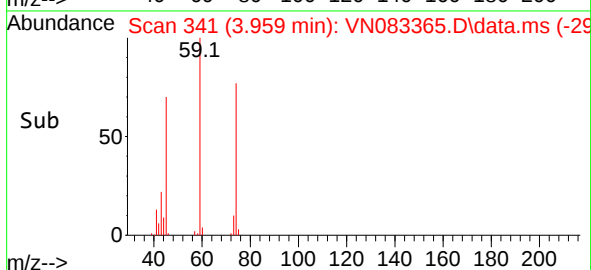
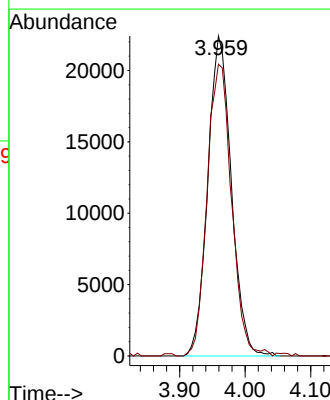
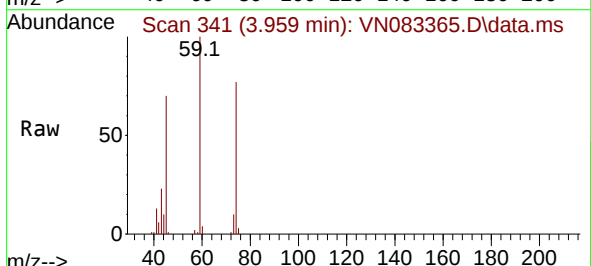
Instrument :
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Tgt Ion:101 Resp: 155655
 Ion Ratio Lower Upper
 101 100
 103 61.9 52.7 79.1



#8
 Diethyl Ether
 Concen: 56.579 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN083365.D
 Acq: 16 Aug 2024 19:42

Tgt Ion: 74 Resp: 55854
 Ion Ratio Lower Upper
 74 100
 45 94.8 55.5 166.3

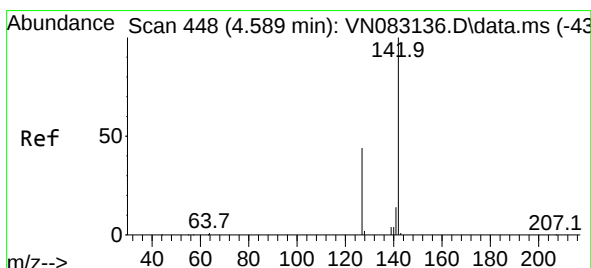
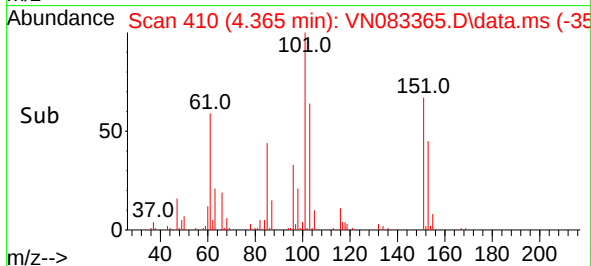
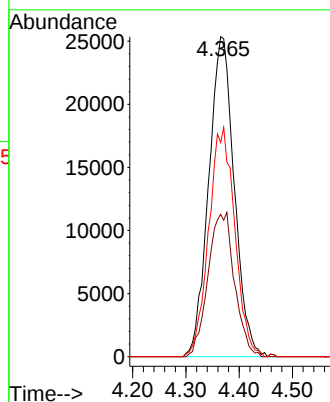
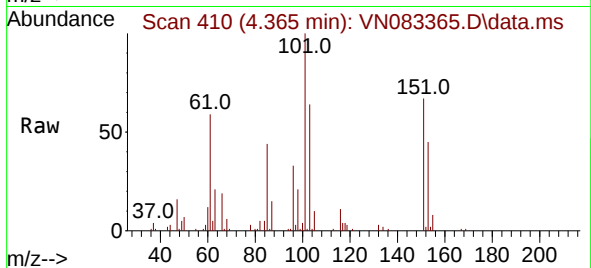




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.719 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN083365.D
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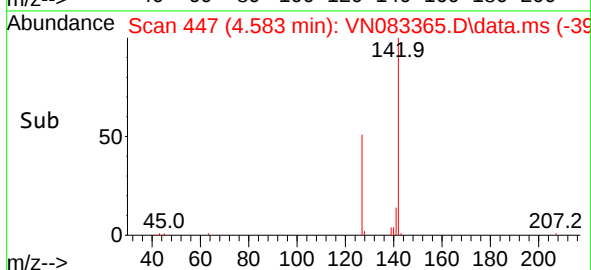
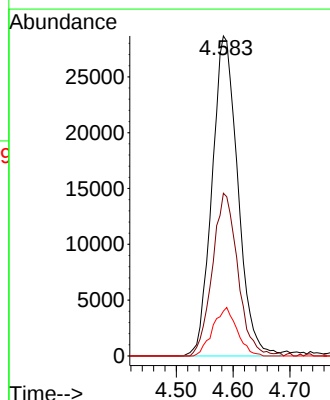
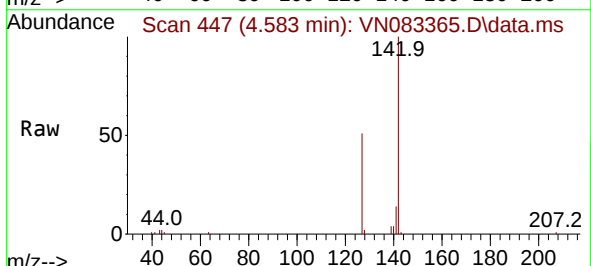
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Tgt Ion:101 Resp: 84423
Ion Ratio Lower Upper
101 100
85 46.5 38.3 57.5
151 73.0 59.3 88.9



#10
Methyl Iodide
Concen: 46.989 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion:142 Resp: 90407
Ion Ratio Lower Upper
142 100
127 50.9 37.5 56.3
141 14.0 13.1 19.7

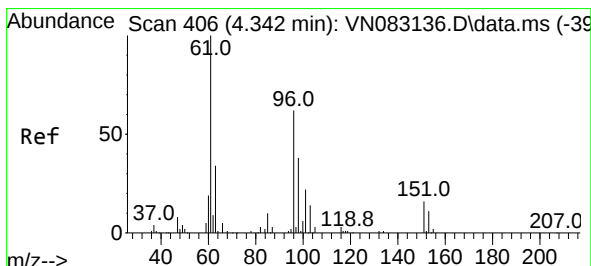
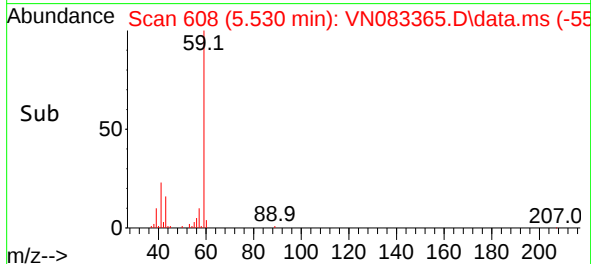
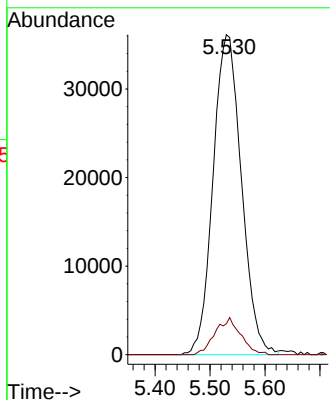
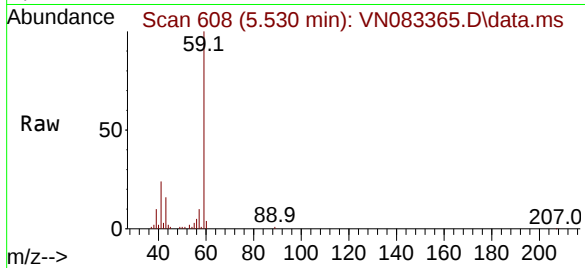




#11
Tert butyl alcohol
Concen: 322.941 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

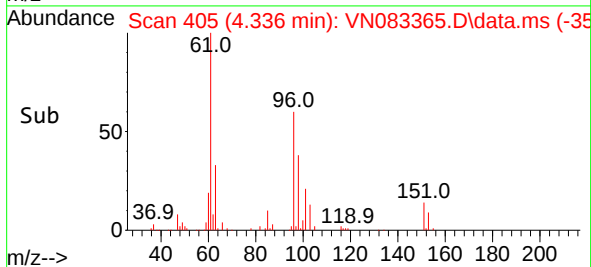
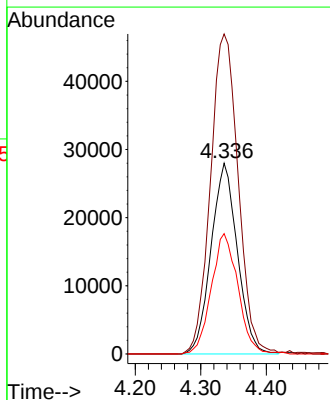
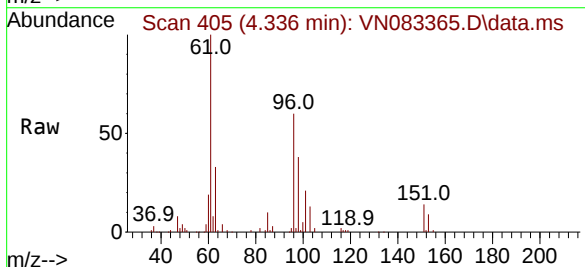
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 129496
Ion Ratio Lower Upper
59 100
57 10.5 8.9 13.3



#12
1,1-Dichloroethene
Concen: 51.871 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 96 Resp: 77946
Ion Ratio Lower Upper
96 100
61 167.8 149.7 224.5
98 63.1 50.1 75.1





#13

Acrolein

Concen: 328.313 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

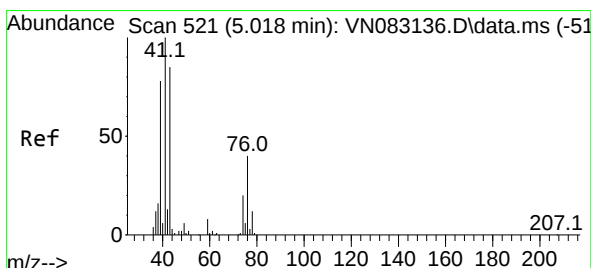
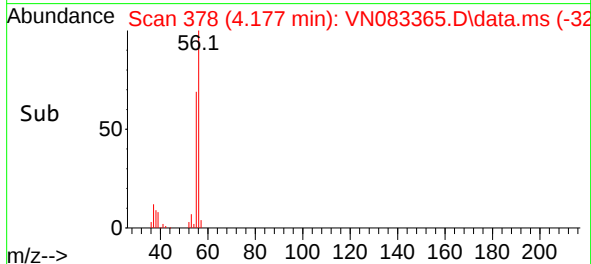
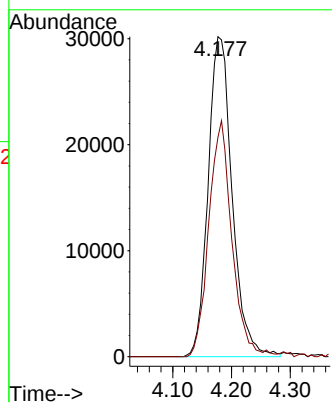
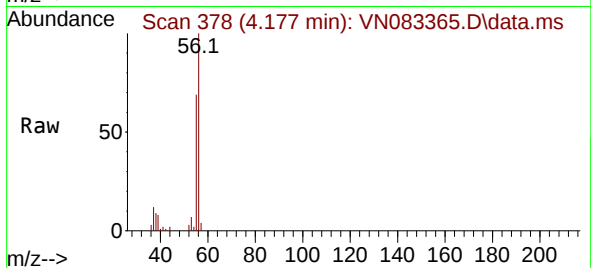
VSTDCCC050EC

Tgt Ion: 56 Resp: 85802

Ion Ratio Lower Upper

56 100

55 70.8 56.4 84.6



#14

Allyl chloride

Concen: 52.638 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

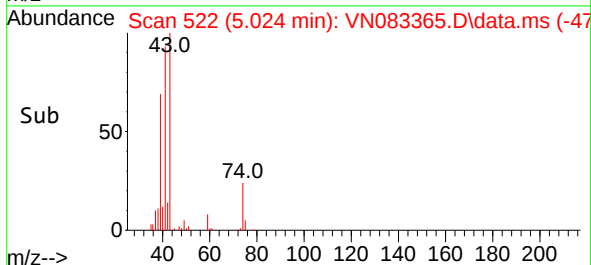
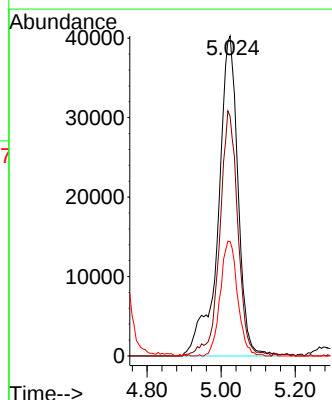
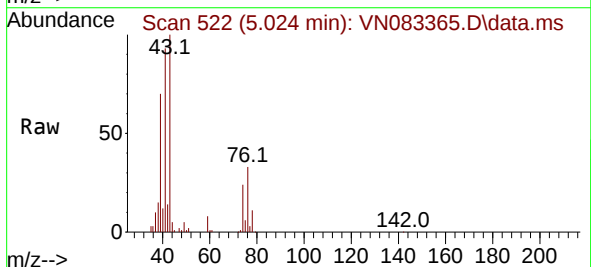
Tgt Ion: 41 Resp: 149477

Ion Ratio Lower Upper

41 100

39 69.8 67.8 101.6

76 31.5 25.8 38.8

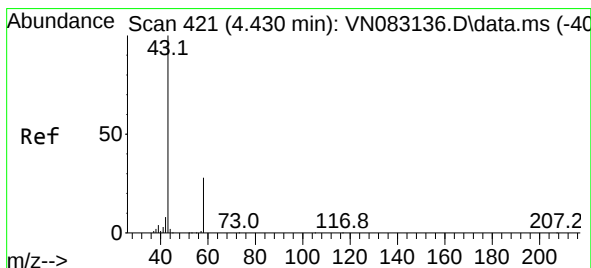
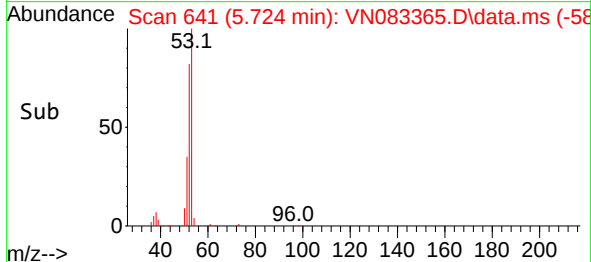
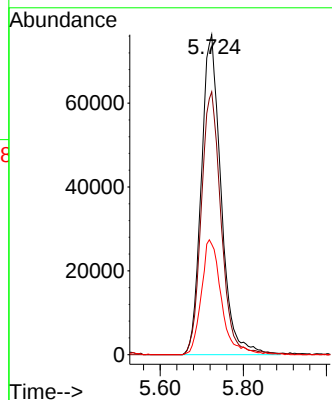
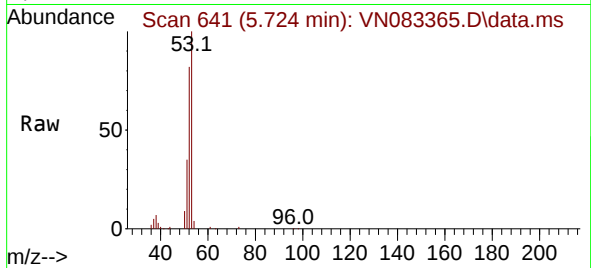




#15
Acrylonitrile
Concen: 305.836 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

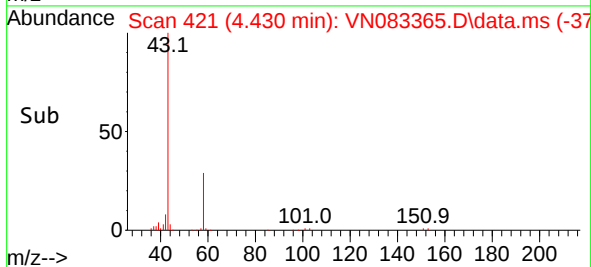
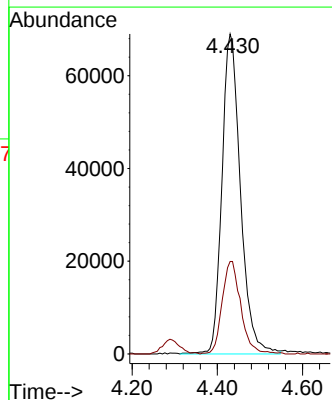
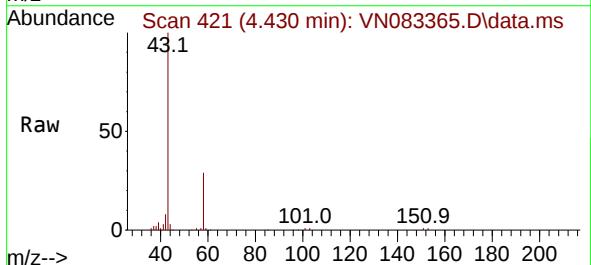
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

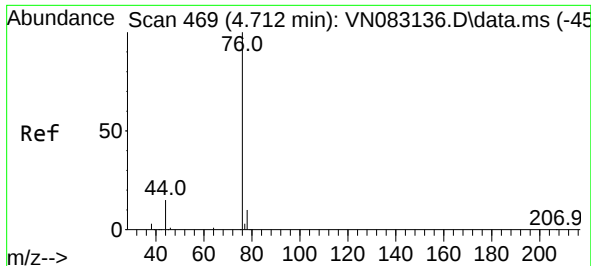
Tgt Ion: 53 Resp: 252220
Ion Ratio Lower Upper
53 100
52 82.3 66.6 100.0
51 36.6 30.1 45.1



#16
Acetone
Concen: 276.690 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 43 Resp: 208905
Ion Ratio Lower Upper
43 100
58 28.5 21.8 32.6

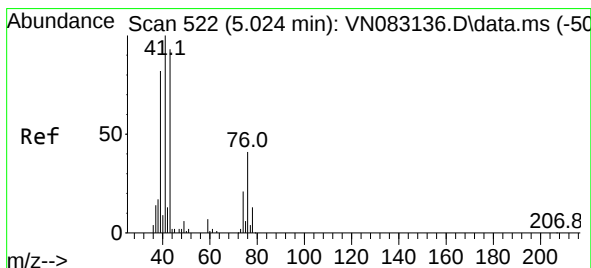
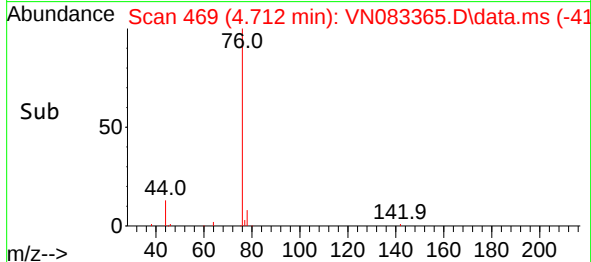
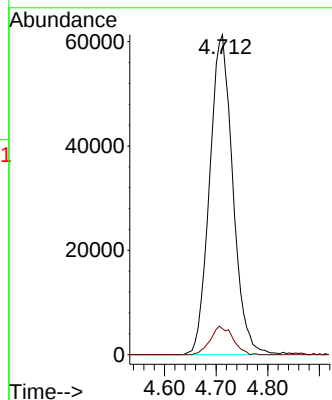
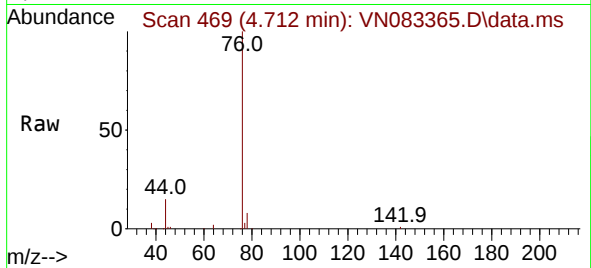




#17
Carbon Disulfide
Concen: 43.533 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

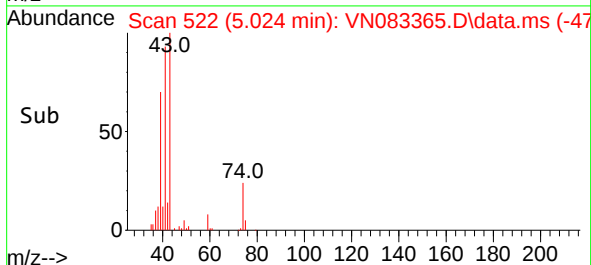
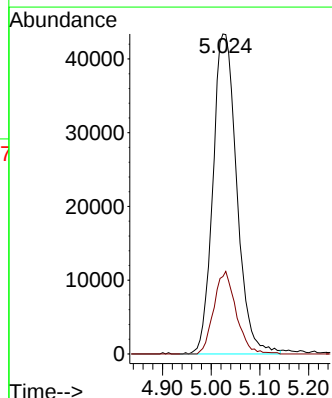
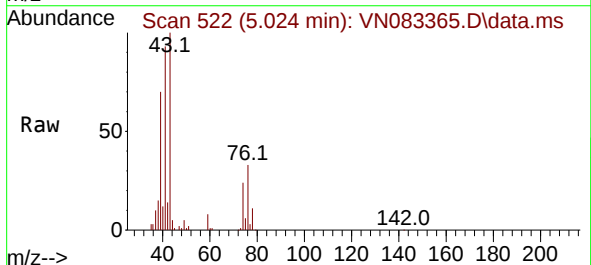
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

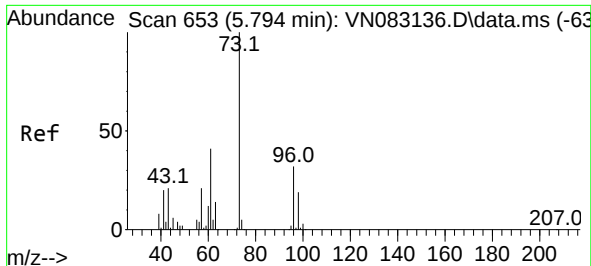
Tgt Ion: 76 Resp: 191412
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8



#18
Methyl Acetate
Concen: 65.582 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 43 Resp: 147527
Ion Ratio Lower Upper
43 100
74 24.1 16.3 24.5

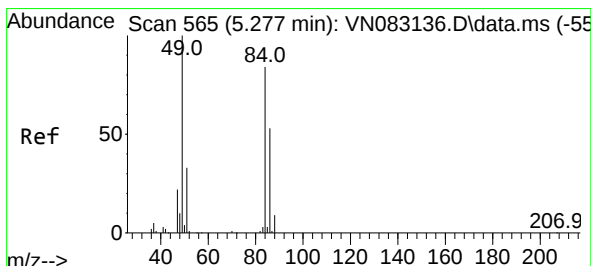
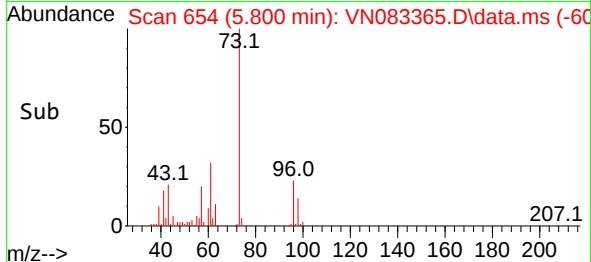
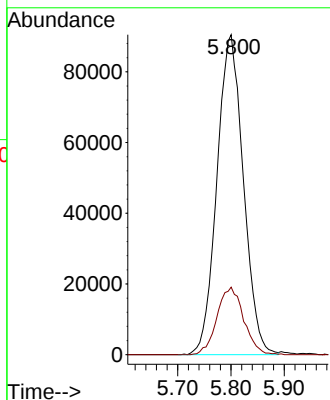
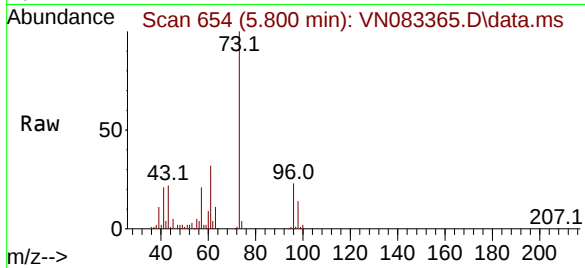




#19
Methyl tert-butyl Ether
Concen: 57.571 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

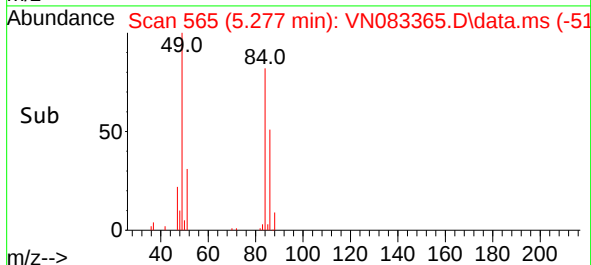
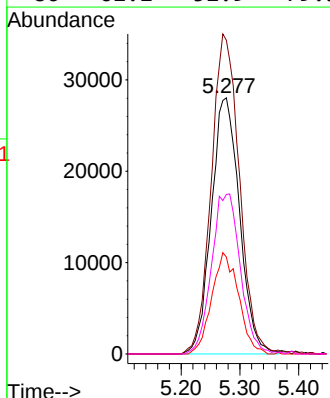
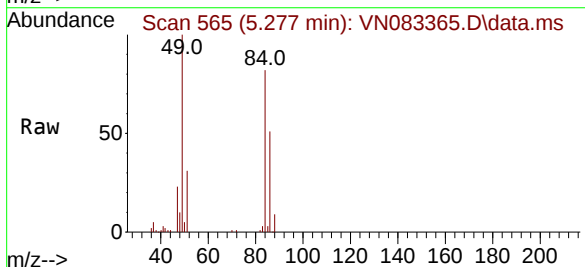
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

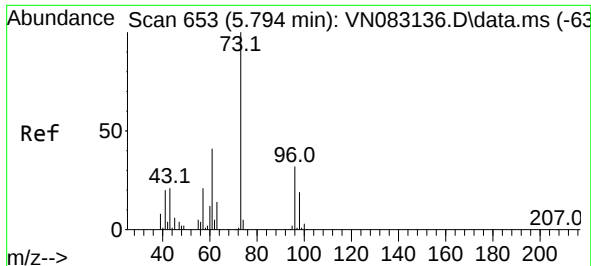
Tgt Ion: 73 Resp: 312259
Ion Ratio Lower Upper
73 100
57 21.1 17.9 26.9



#20
Methylene Chloride
Concen: 53.783 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 84 Resp: 93455
Ion Ratio Lower Upper
84 100
49 122.5 119.6 179.4
51 37.8 34.8 52.2
86 62.2 52.9 79.3

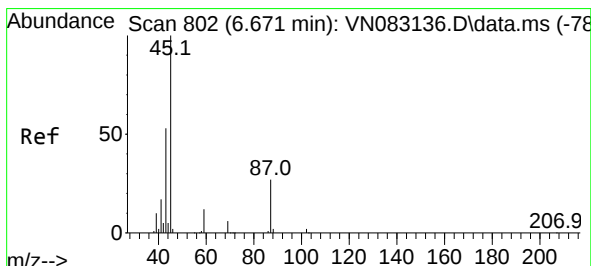
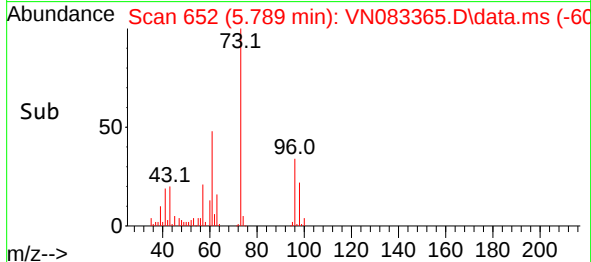
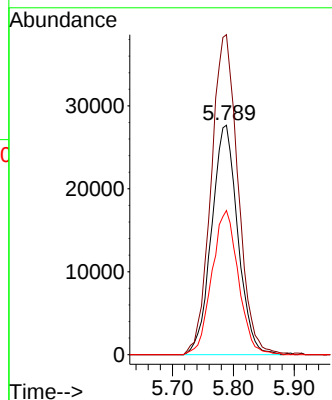
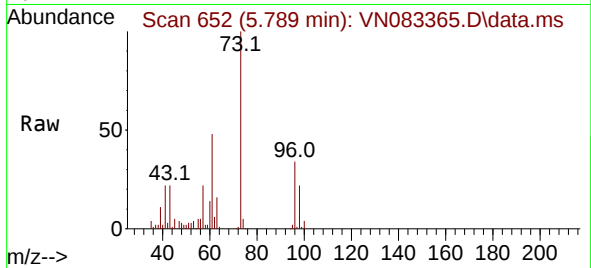




#21
trans-1,2-Dichloroethene
Concen: 53.230 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

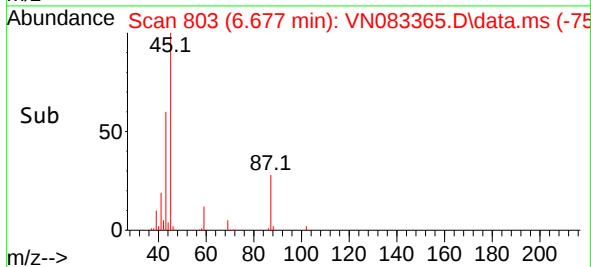
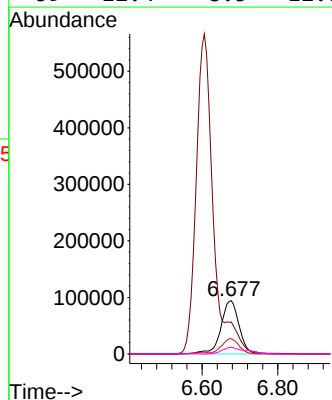
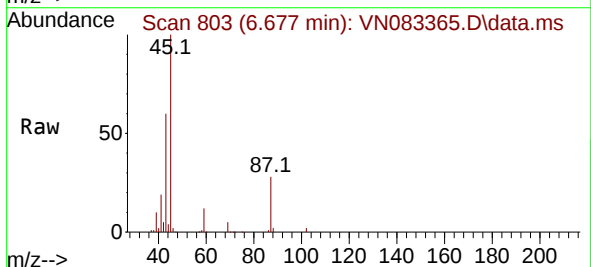
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

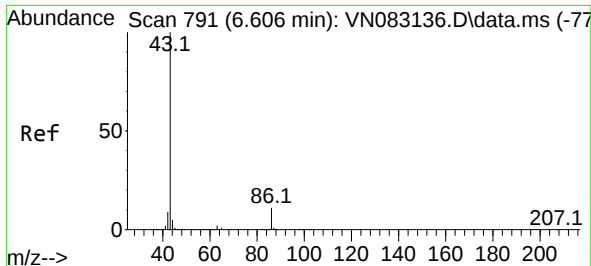
Tgt Ion: 96 Resp: 82672
Ion Ratio Lower Upper
96 100
61 139.5 123.4 185.2
98 62.9 49.3 73.9



#22
Diisopropyl ether
Concen: 58.719 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 45 Resp: 313435
Ion Ratio Lower Upper
45 100
43 59.0 44.0 66.0
87 28.4 19.7 29.5
59 12.4 8.5 12.7

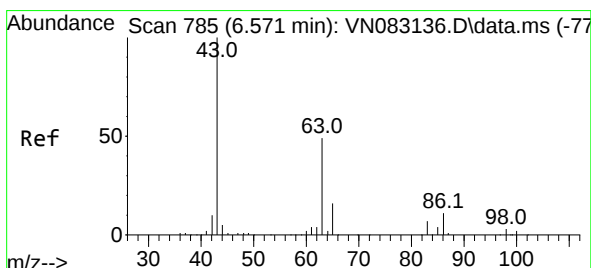
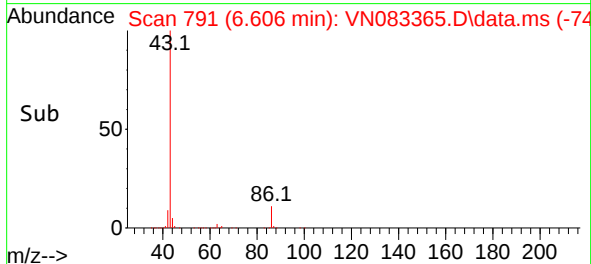
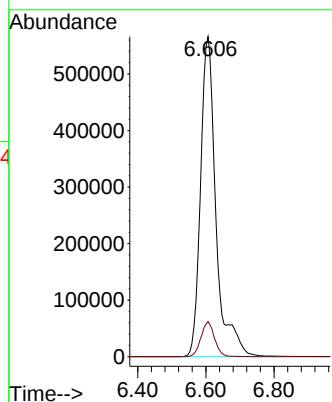
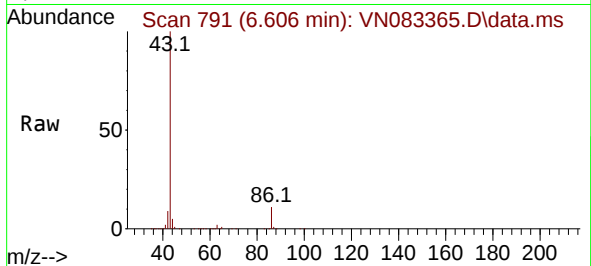




#23
 Vinyl Acetate
 Concen: 325.678 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VN083365.D
 Acq: 16 Aug 2024 19:42

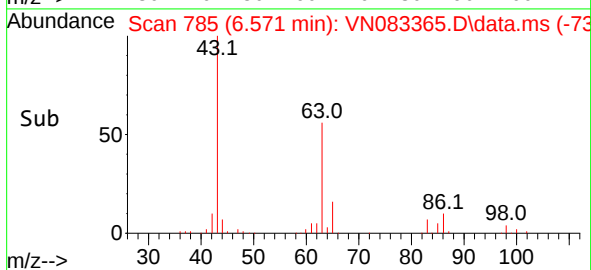
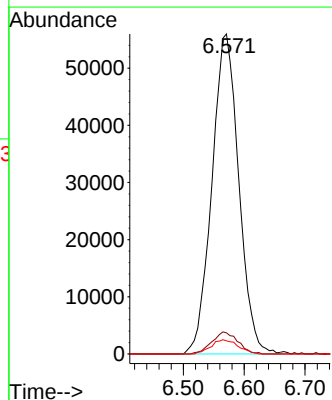
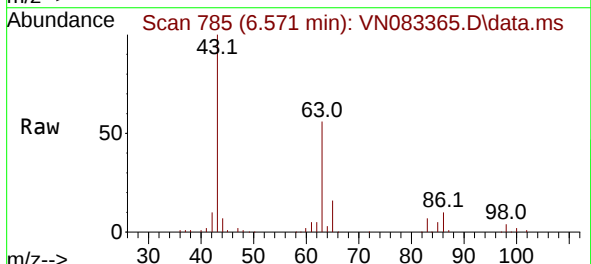
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

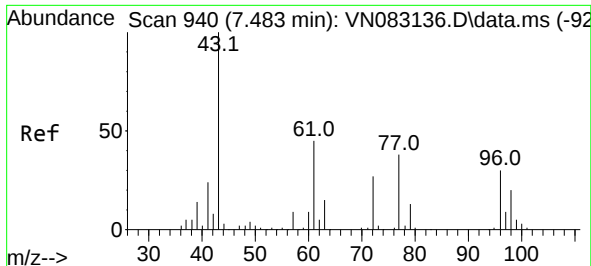
Tgt Ion: 43 Resp: 1781851
 Ion Ratio Lower Upper
 43 100
 86 11.0 7.3 10.9#



#24
 1,1-Dichloroethane
 Concen: 59.023 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN083365.D
 Acq: 16 Aug 2024 19:42

Tgt Ion: 63 Resp: 171727
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.1 2.0 6.0

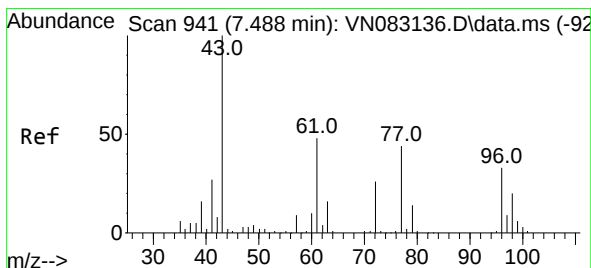
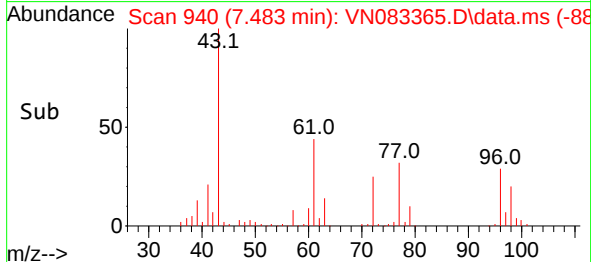
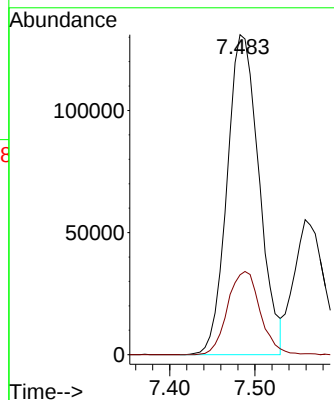
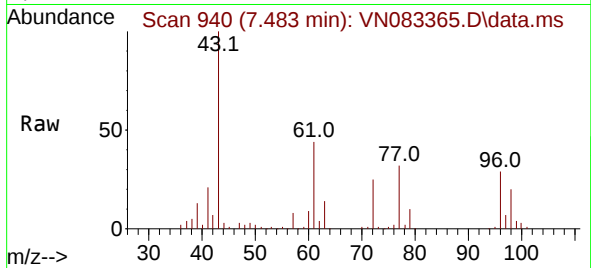




#25
2-Butanone
Concen: 295.088 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

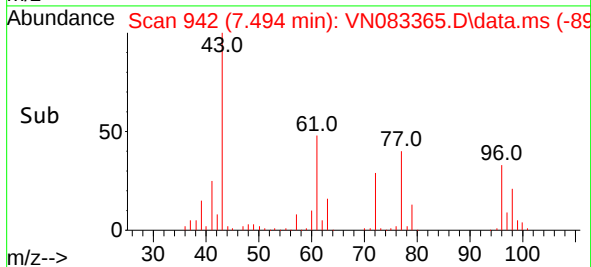
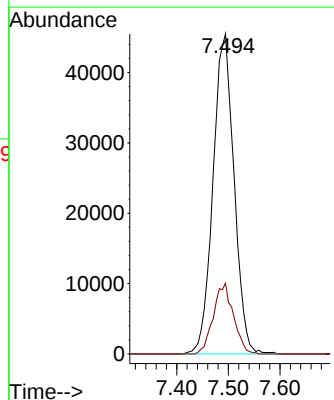
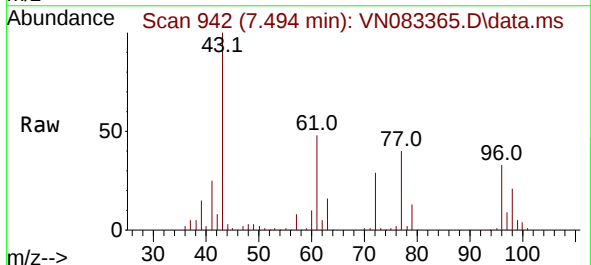
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

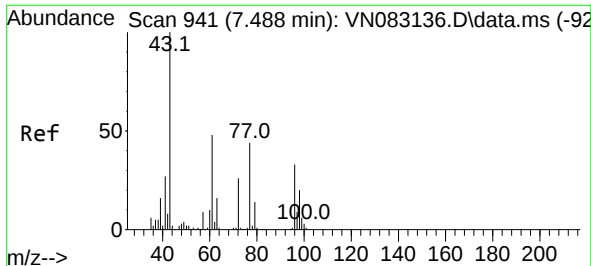
Tgt Ion: 43 Resp: 342095
Ion Ratio Lower Upper
43 100
72 25.0 18.2 27.2



#26
2,2-Dichloropropane
Concen: 47.591 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 77 Resp: 128591
Ion Ratio Lower Upper
77 100
97 21.0 10.3 30.9



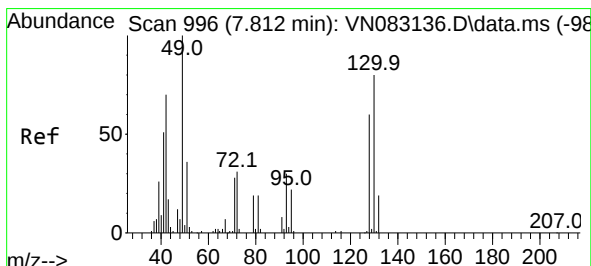
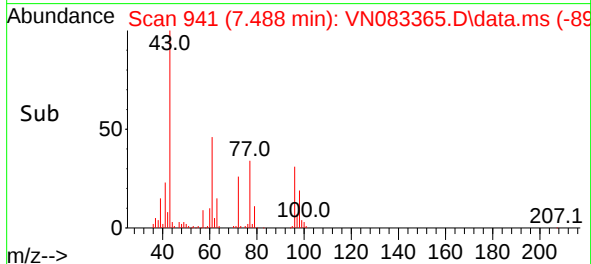
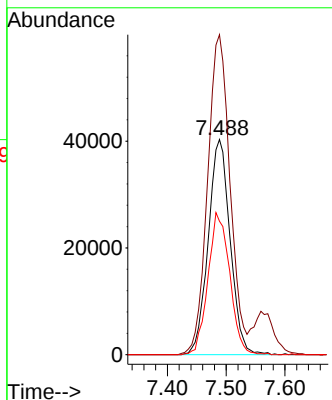
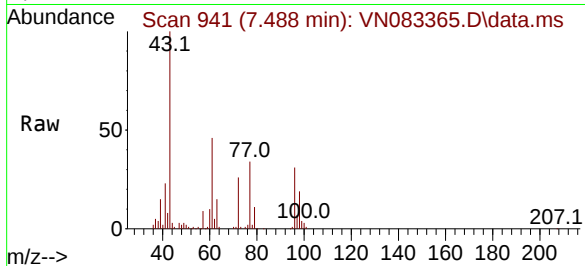


#27
 cis-1,2-Dichloroethene
 Concen: 55.764 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN083365.D
 Acq: 16 Aug 2024 19:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 104509

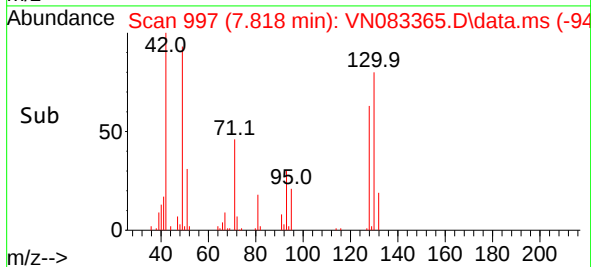
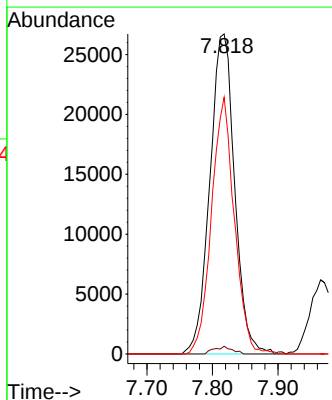
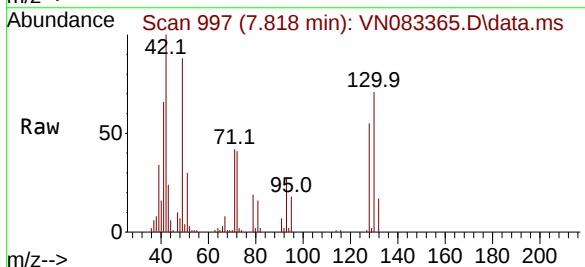
Ion	Ratio	Lower	Upper
96	100		
61	152.2	0.0	329.6
98	65.4	0.0	128.6

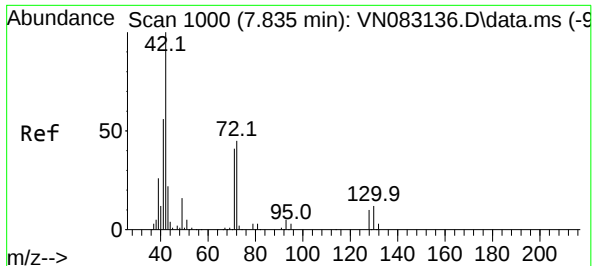


#28
 Bromochloromethane
 Concen: 59.066 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN083365.D
 Acq: 16 Aug 2024 19:42

Tgt Ion: 49 Resp: 70231

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	73.8	50.5	75.7





#29

Tetrahydrofuran

Concen: 304.116 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

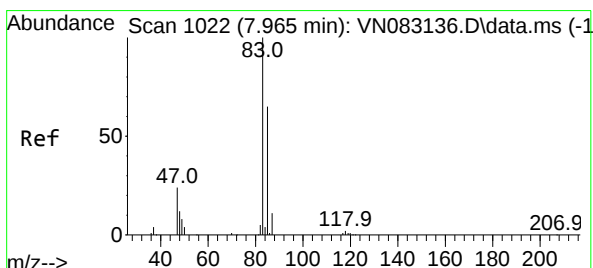
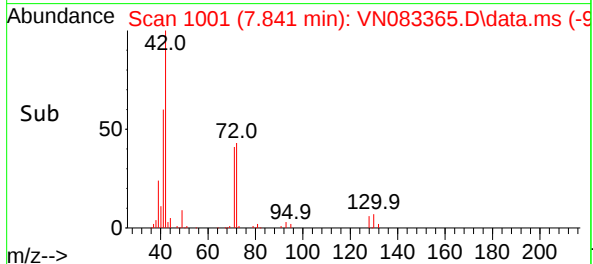
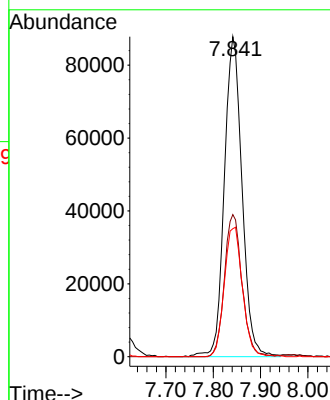
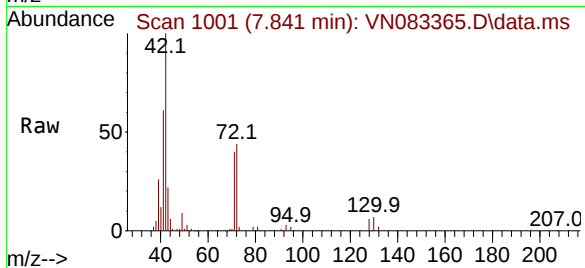
Tgt Ion: 42 Resp: 227908

Ion Ratio Lower Upper

42 100

72 44.1 30.0 45.0

71 41.6 28.3 42.5



#30

Chloroform

Concen: 61.589 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN083365.D

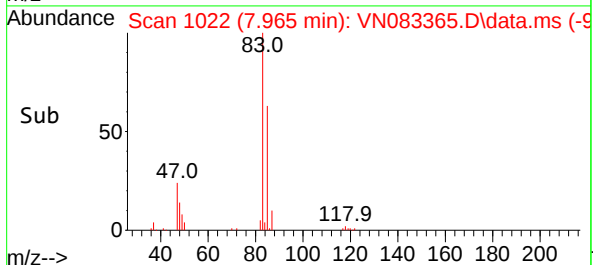
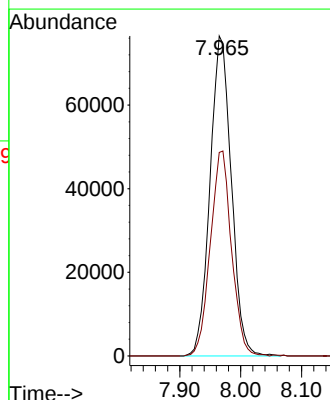
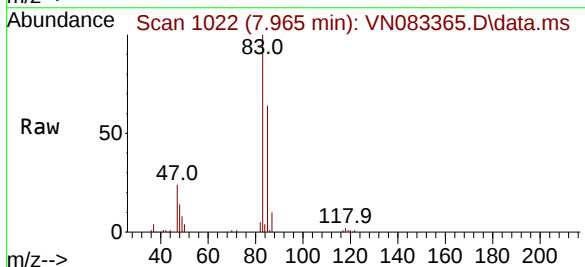
Acq: 16 Aug 2024 19:42

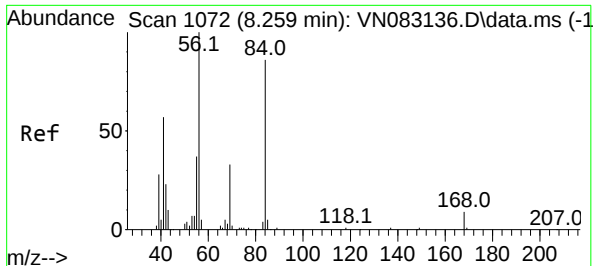
Tgt Ion: 83 Resp: 186166

Ion Ratio Lower Upper

83 100

85 63.6 50.9 76.3

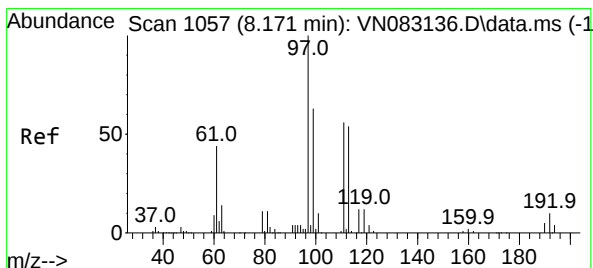
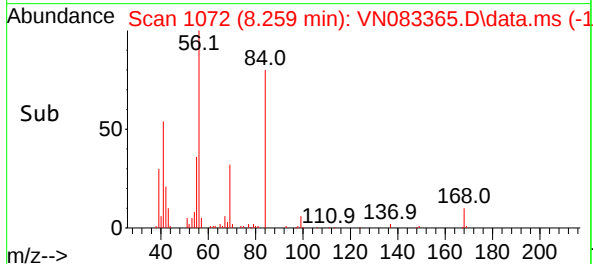
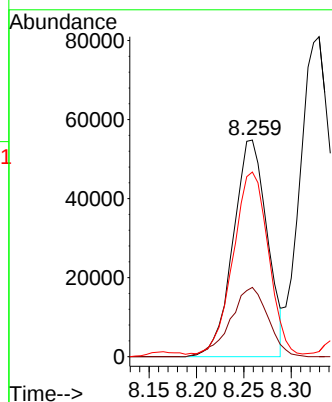
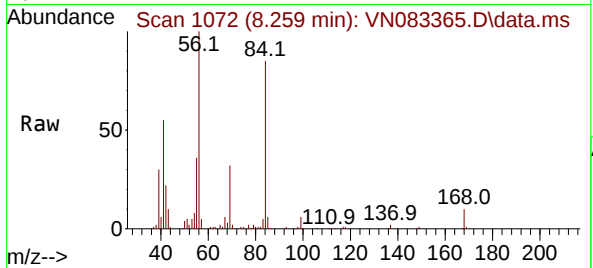




#31
Cyclohexane
Concen: 47.963 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

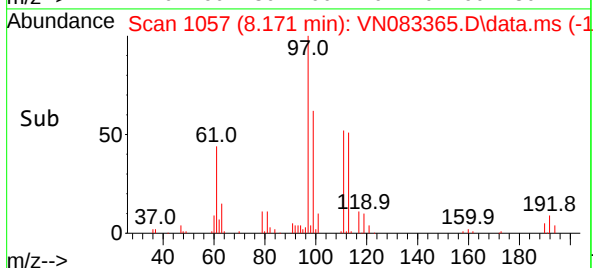
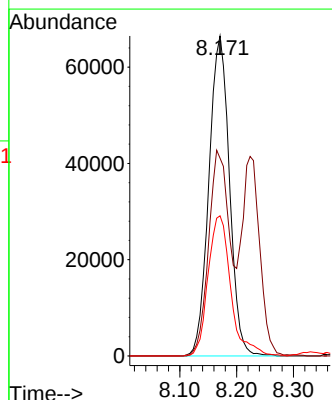
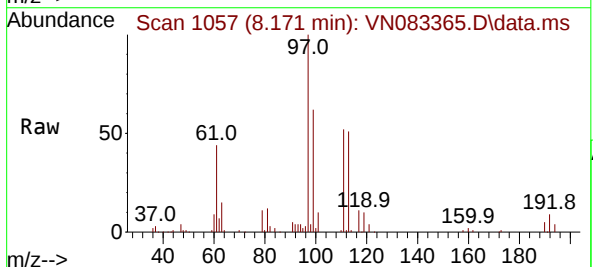
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

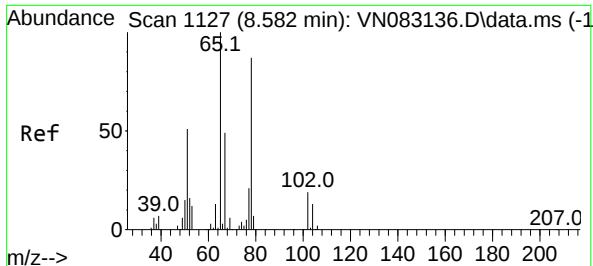
Tgt Ion: 56 Resp: 137145
Ion Ratio Lower Upper
56 100
69 32.0 24.5 36.7
84 83.5 66.0 99.0



#32
1,1,1-Trichloroethane
Concen: 58.343 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 97 Resp: 166930
Ion Ratio Lower Upper
97 100
99 66.8 52.0 78.0
61 48.5 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 58.779 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

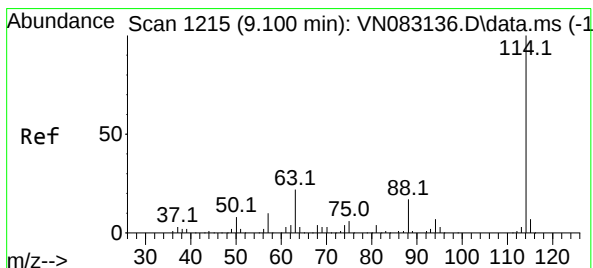
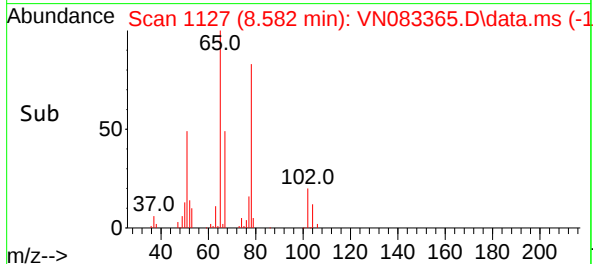
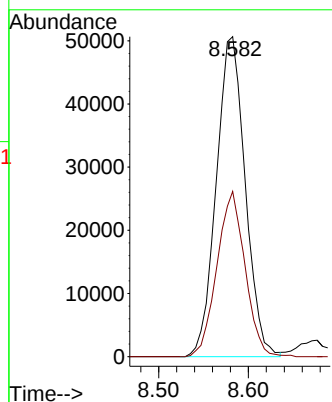
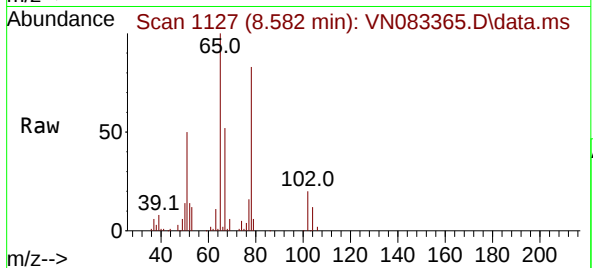
VSTDCCC050EC

Tgt Ion: 65 Resp: 113415

Ion Ratio Lower Upper

65 100

67 50.1 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: VN083365.D

Acq: 16 Aug 2024 19:42

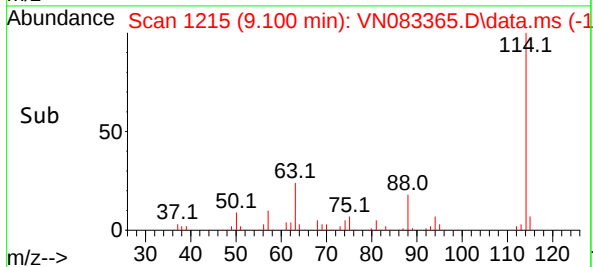
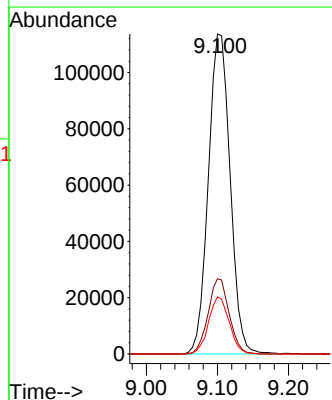
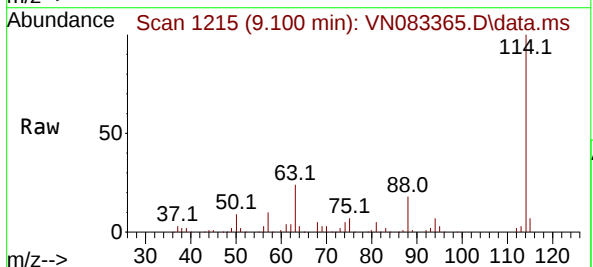
Tgt Ion: 114 Resp: 242056

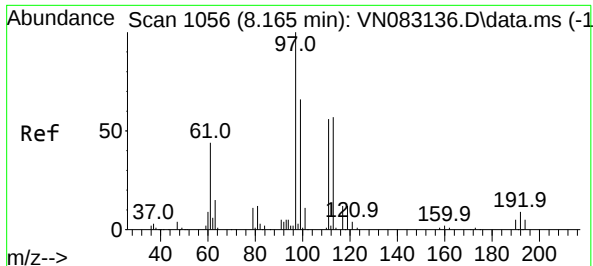
Ion Ratio Lower Upper

114 100

63 23.5 0.0 44.6

88 17.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 56.049 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

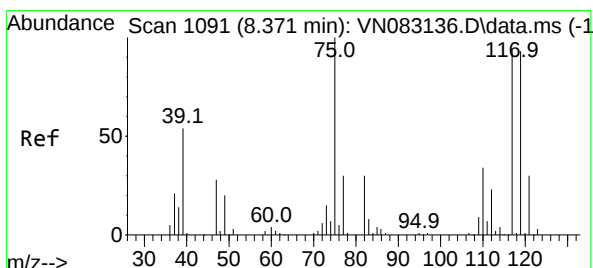
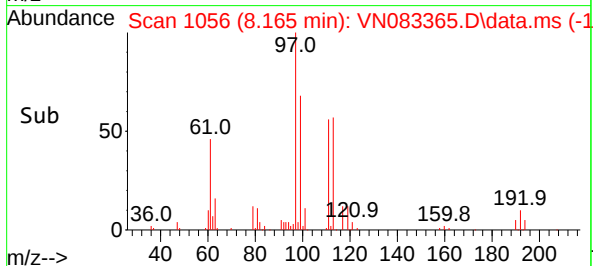
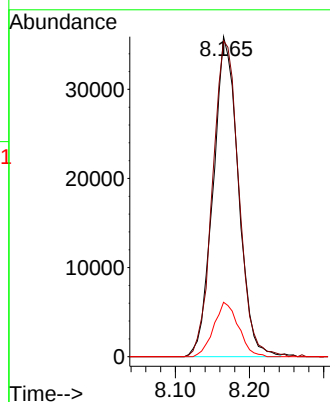
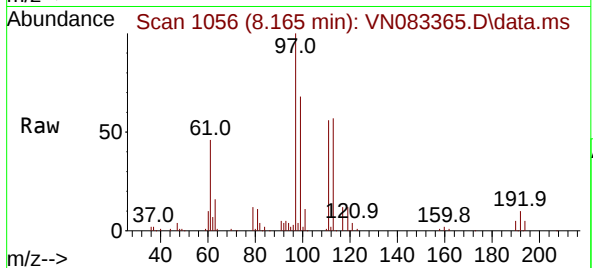
Tgt Ion:113 Resp: 84683

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 16.7 14.9 22.3



#36

1,1-Dichloropropene

Concen: 54.123 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

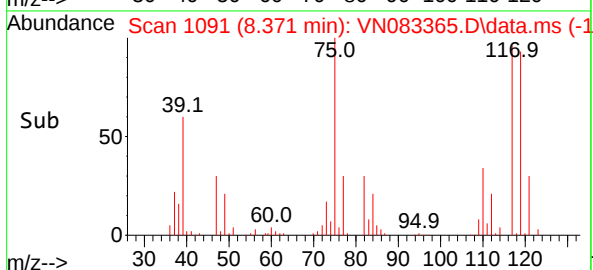
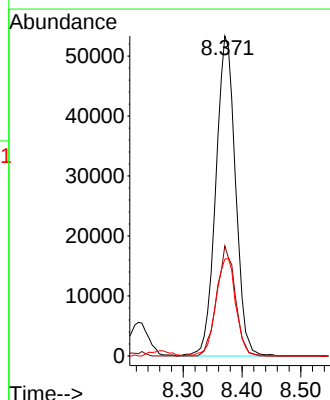
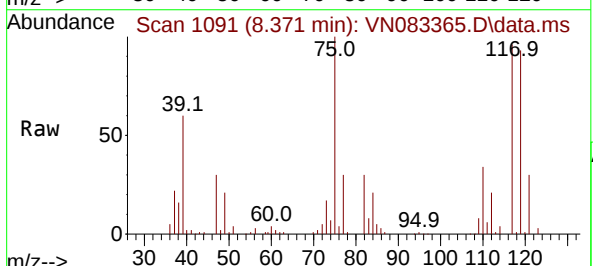
Tgt Ion: 75 Resp: 123699

Ion Ratio Lower Upper

75 100

110 32.5 16.3 48.9

77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 54.694 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

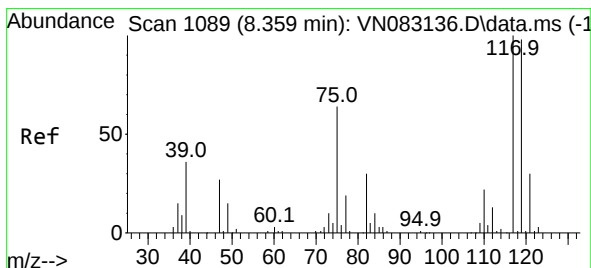
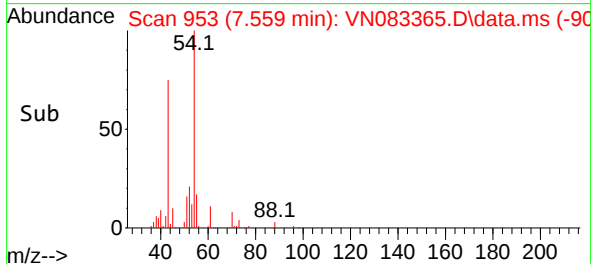
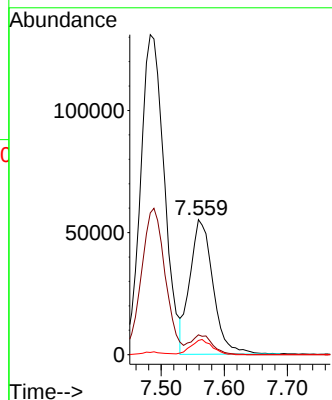
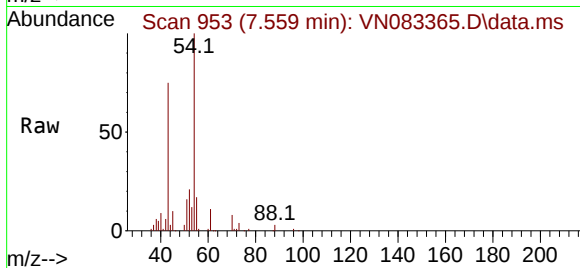
Tgt Ion: 43 Resp: 139962

Ion Ratio Lower Upper

43 100

61 14.2 9.3 13.9#

70 10.3 7.0 10.6



#38

Carbon Tetrachloride

Concen: 55.559 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

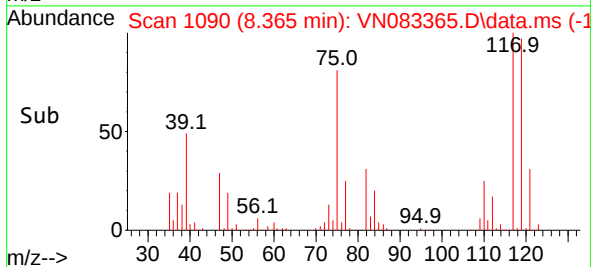
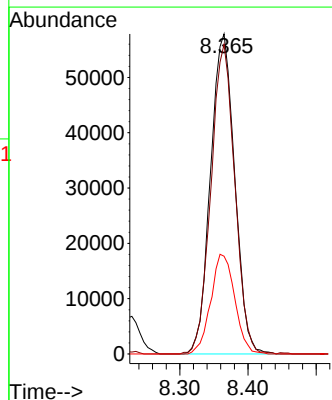
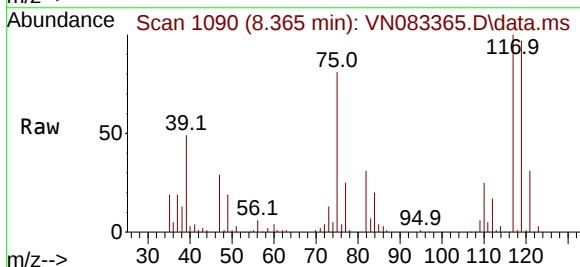
Tgt Ion: 117 Resp: 143022

Ion Ratio Lower Upper

117 100

119 96.7 74.9 112.3

121 30.6 24.3 36.5





#39

Methylcyclohexane

Concen: 49.193 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

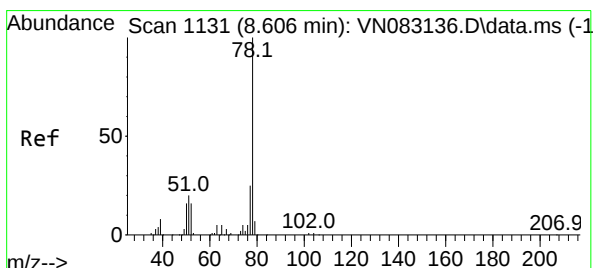
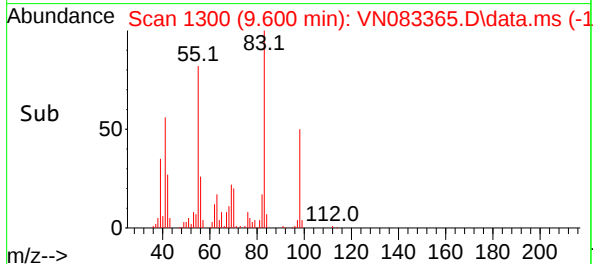
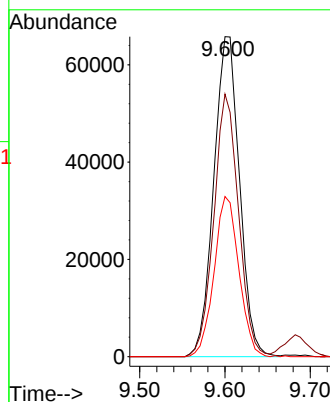
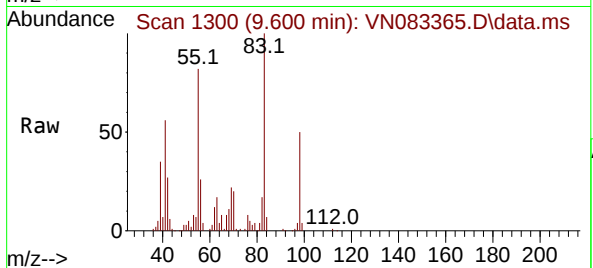
Tgt Ion: 83 Resp: 138096

Ion Ratio Lower Upper

83 100

55 82.0 66.4 99.6

98 50.1 40.7 61.1



#40

Benzene

Concen: 55.482 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN083365.D

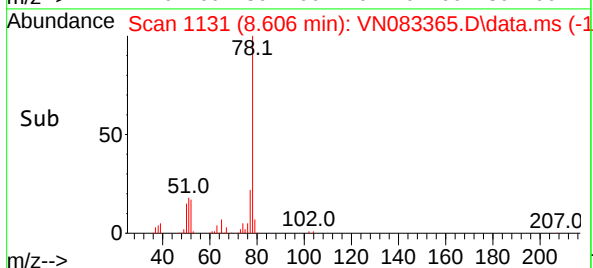
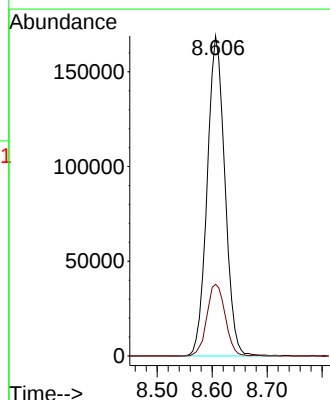
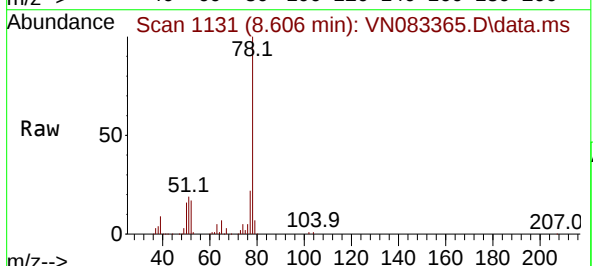
Acq: 16 Aug 2024 19:42

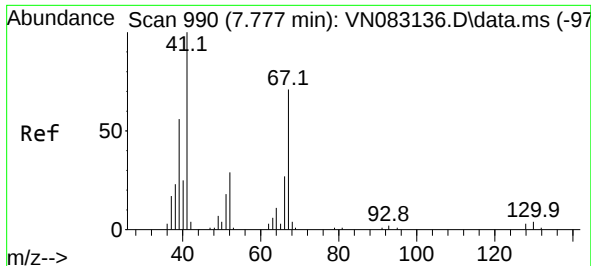
Tgt Ion: 78 Resp: 377757

Ion Ratio Lower Upper

78 100

77 22.4 19.0 28.4

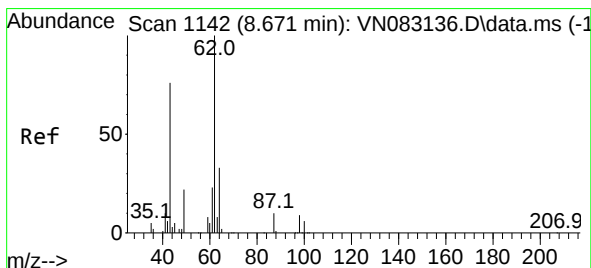
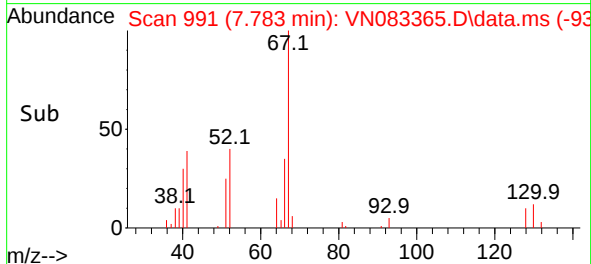
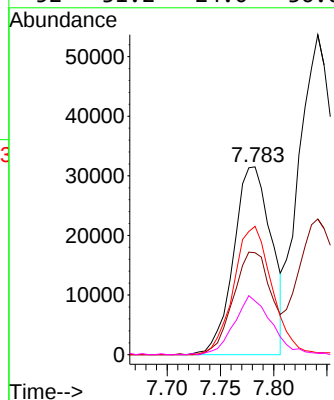
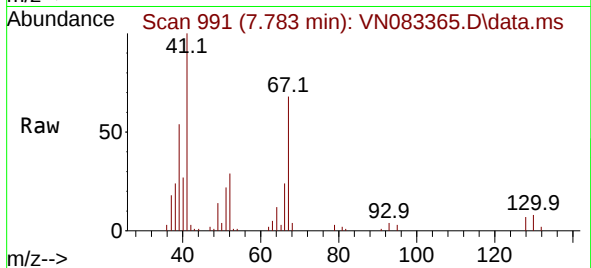




#41
Methacrylonitrile
Concen: 53.365 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

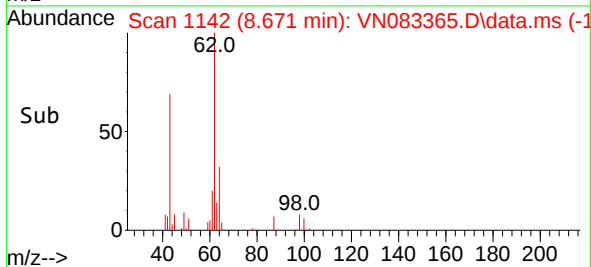
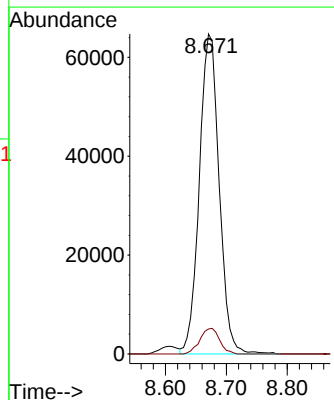
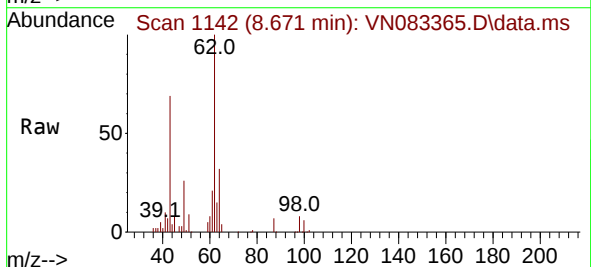
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	77647
Ion	Ratio	Lower	Upper
41	100		
39	54.7	45.5	68.3
67	70.1	50.5	75.7
52	31.2	24.0	36.0



#42
1,2-Dichloroethane
Concen: 59.100 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion:	62	Resp:	146581
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8

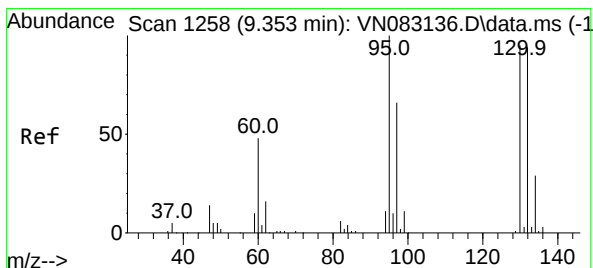
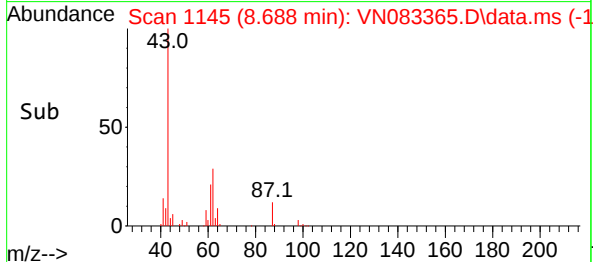
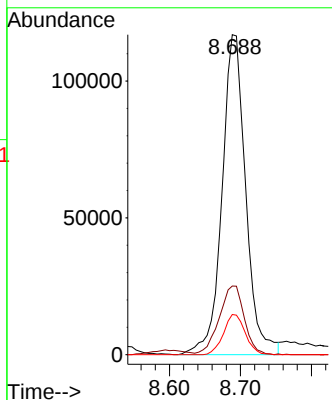
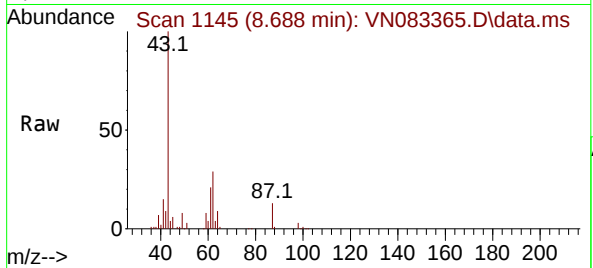




#43
Isopropyl Acetate
Concen: 62.159 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

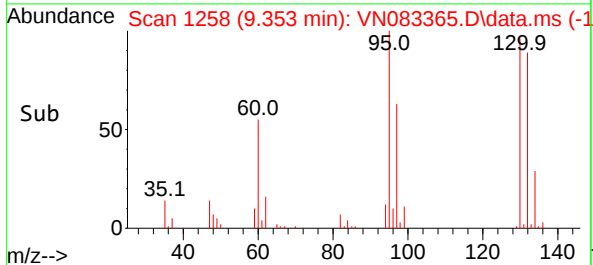
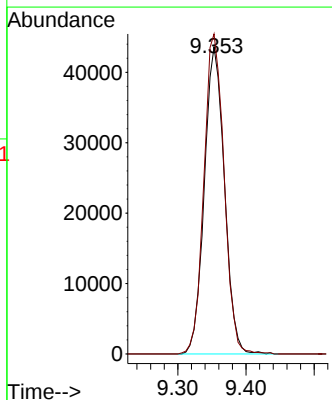
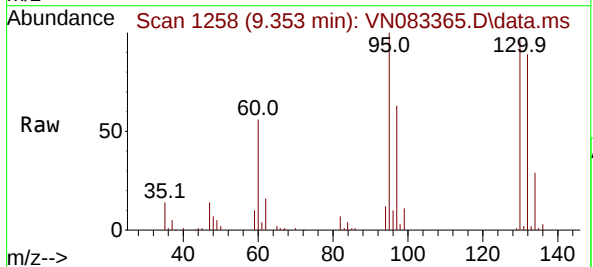
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

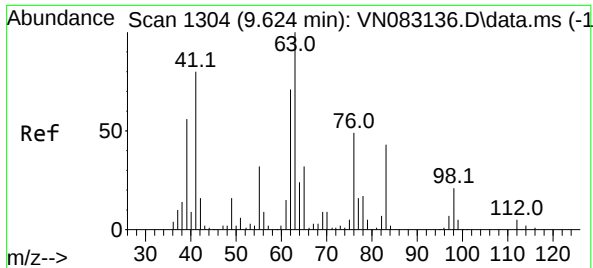
Tgt Ion: 43 Resp: 271775
Ion Ratio Lower Upper
43 100
61 22.7 17.8 26.6
87 11.5 8.2 12.2



#44
Trichloroethene
Concen: 55.280 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion:130 Resp: 89586
Ion Ratio Lower Upper
130 100
95 104.2 0.0 197.8





#45

1,2-Dichloropropane

Concen: 59.059 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

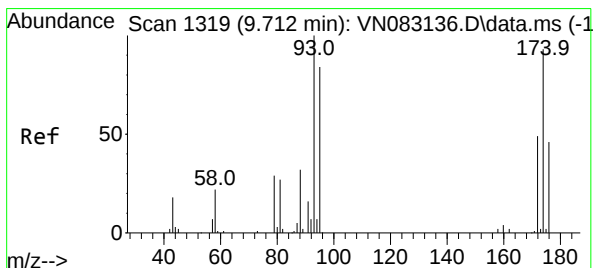
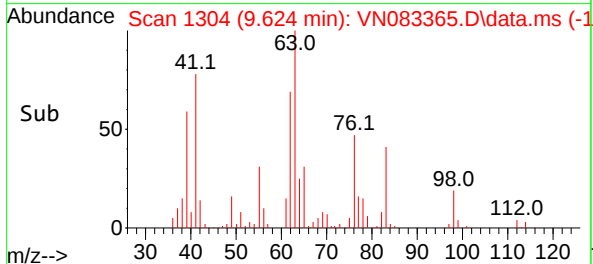
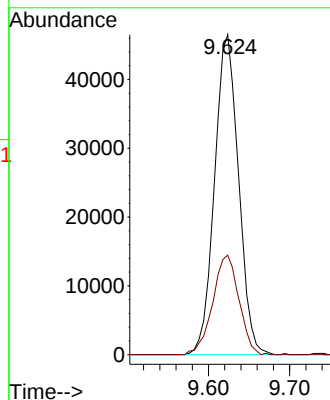
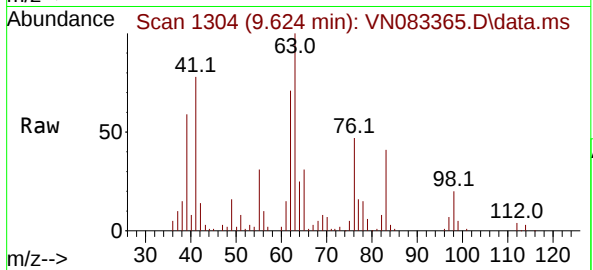
VSTDCCC050EC

Tgt Ion: 63 Resp: 95450

Ion Ratio Lower Upper

63 100

65 31.1 24.4 36.6



#46

Dibromomethane

Concen: 60.486 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

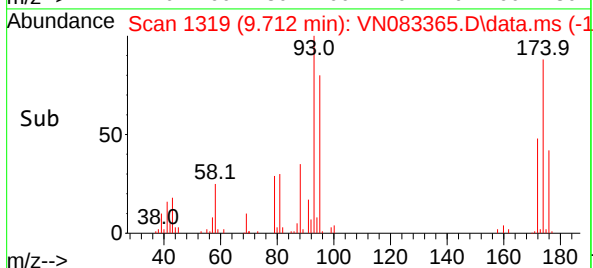
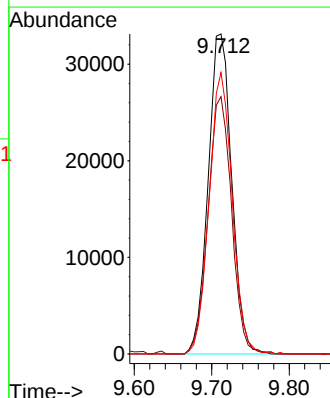
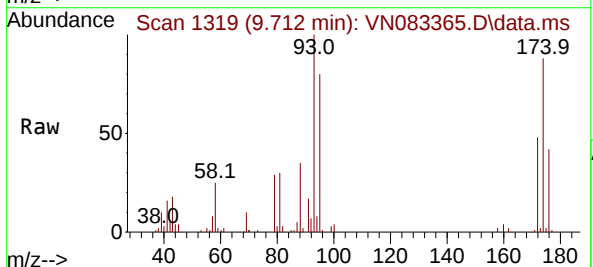
Tgt Ion: 93 Resp: 69971

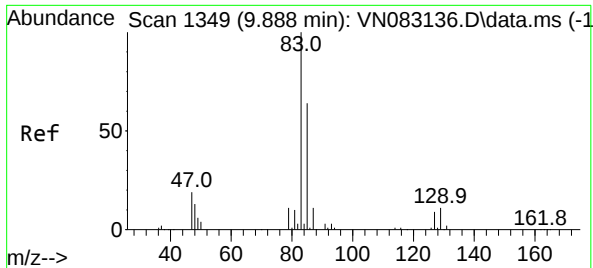
Ion Ratio Lower Upper

93 100

95 80.2 65.8 98.6

174 86.1 71.7 107.5

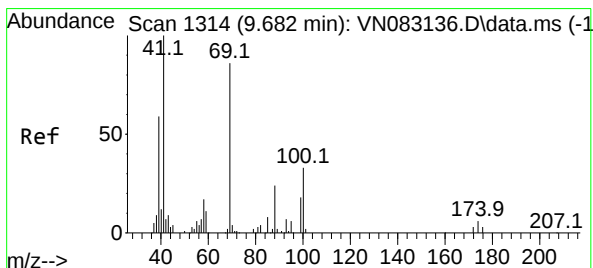
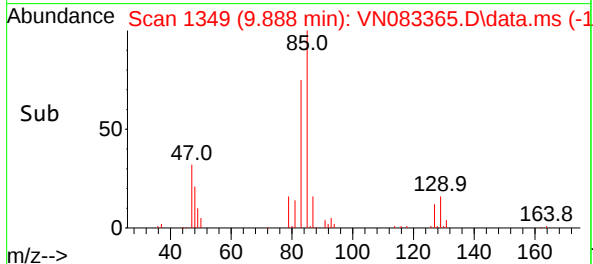
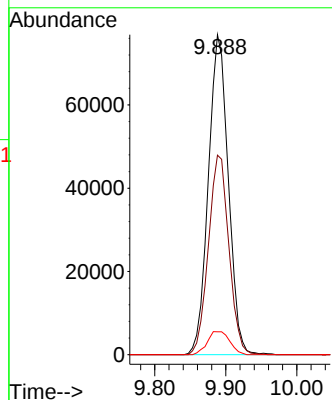
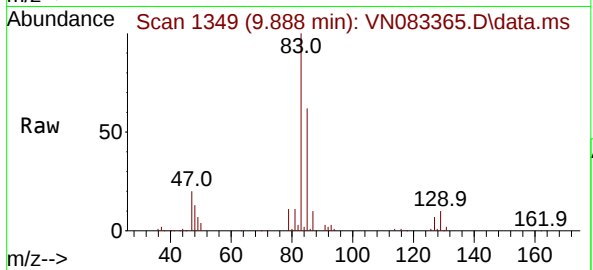




#47
Bromodichloromethane
Concen: 57.752 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

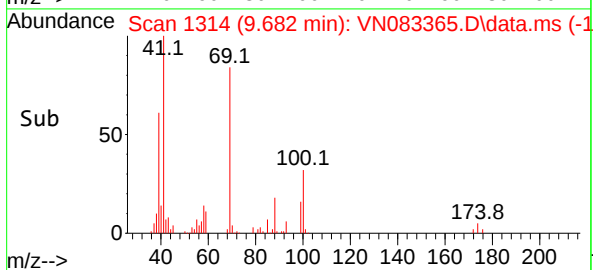
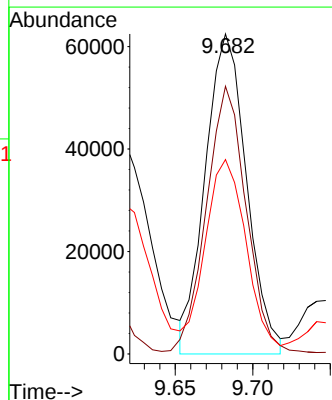
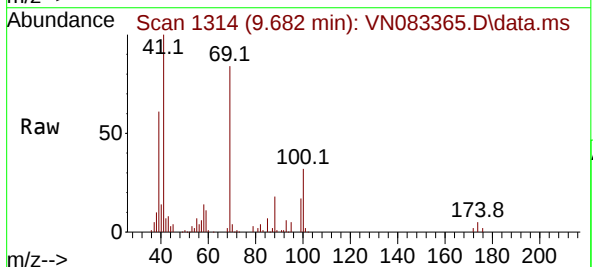
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

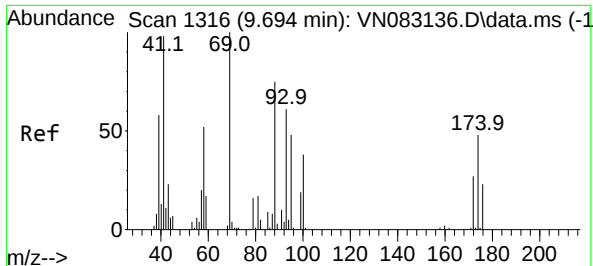
Tgt Ion: 83 Resp: 150007
Ion Ratio Lower Upper
83 100
85 62.4 51.1 76.7
127 7.2 7.2 10.8#



#48
Methyl methacrylate
Concen: 54.652 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 41 Resp: 115624
Ion Ratio Lower Upper
41 100
69 82.0 56.3 84.5
39 61.0 50.3 75.5





#49

1,4-Dioxane

Concen: 1195.592 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

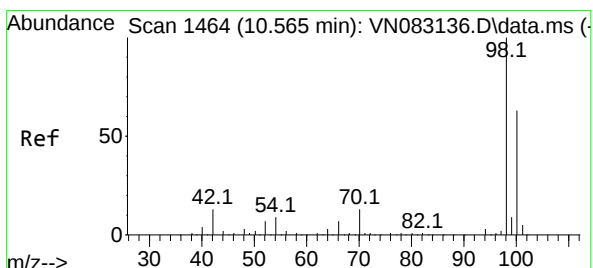
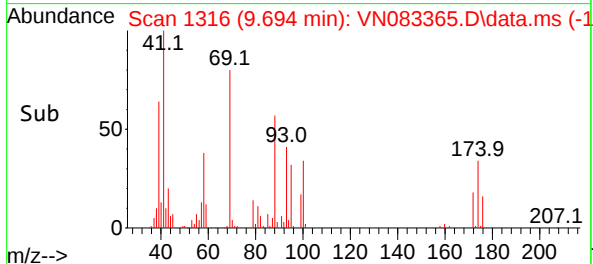
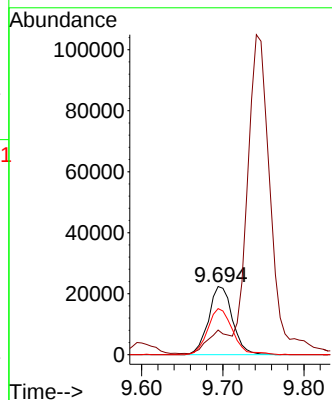
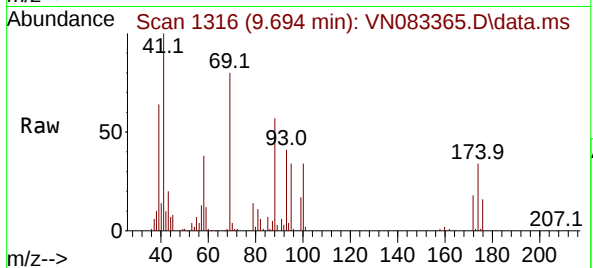
Tgt Ion: 88 Resp: 45634

Ion Ratio Lower Upper

88 100

43 33.1 27.8 41.8

58 70.8 59.4 89.0



#50

Toluene-d8

Concen: 54.152 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083365.D

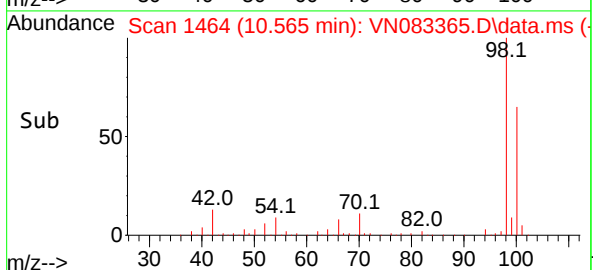
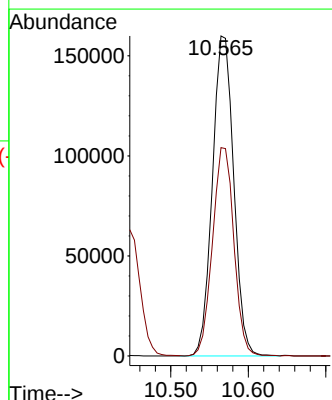
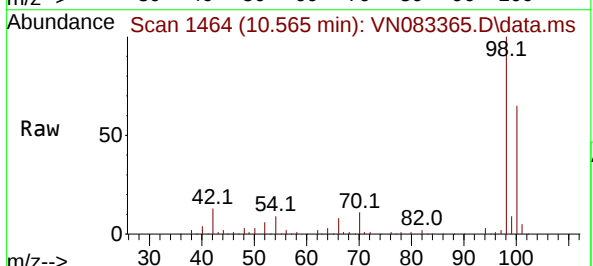
Acq: 16 Aug 2024 19:42

Tgt Ion: 98 Resp: 305196

Ion Ratio Lower Upper

98 100

100 65.4 51.5 77.3

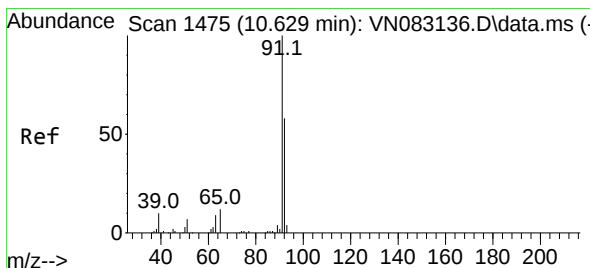
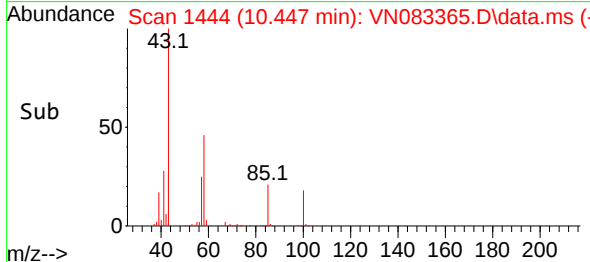
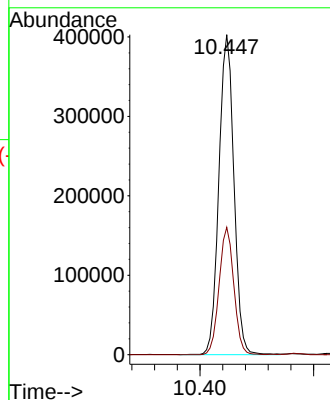
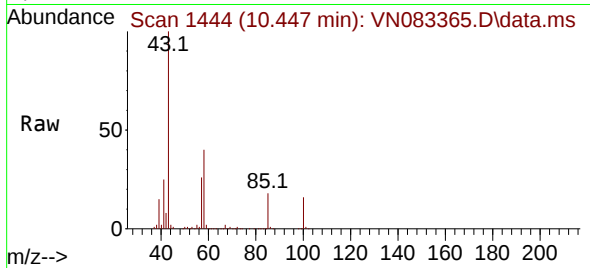




#51
4-Methyl-2-Pentanone
Concen: 306.098 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

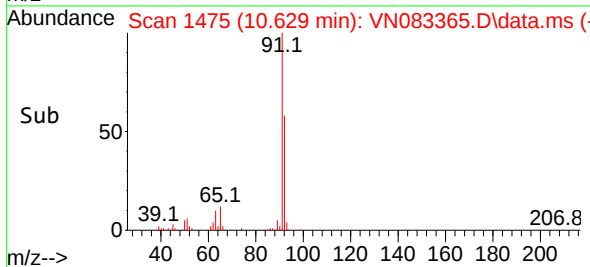
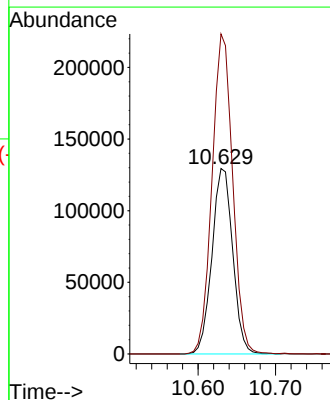
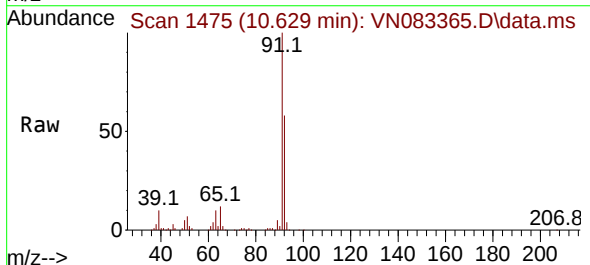
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

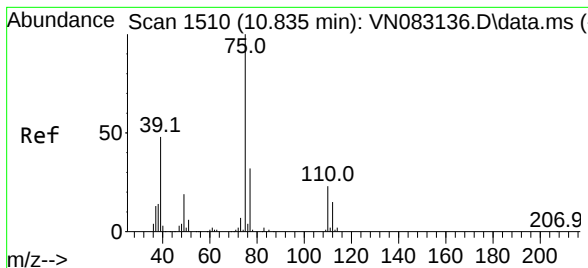
Tgt Ion: 43 Resp: 740727
Ion Ratio Lower Upper
43 100
58 38.9 28.2 42.4



#52
Toluene
Concen: 56.044 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 92 Resp: 241096
Ion Ratio Lower Upper
92 100
91 171.5 139.4 209.0

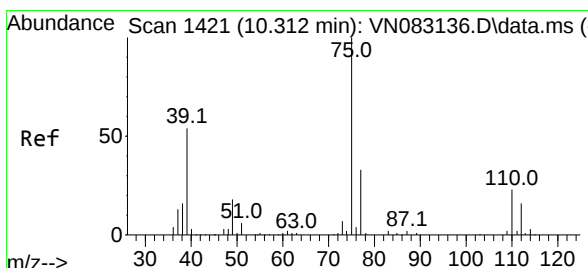
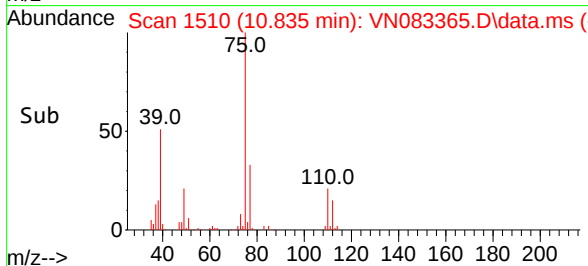
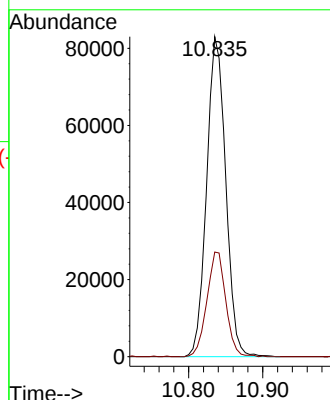
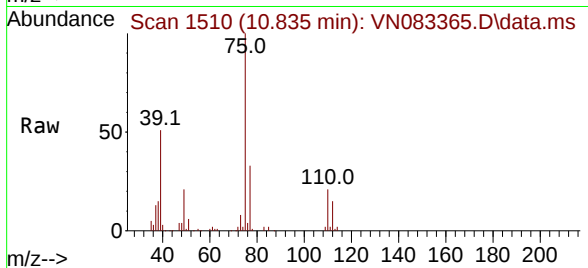




#53
t-1,3-Dichloropropene
Concen: 55.636 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

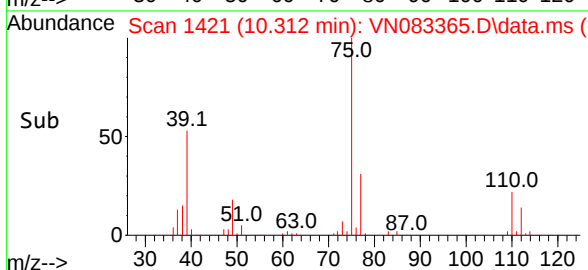
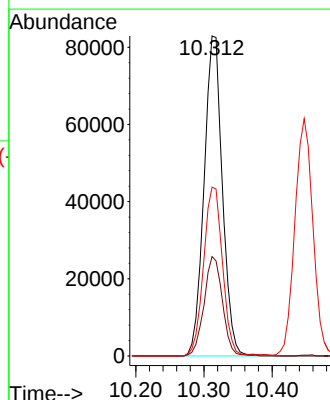
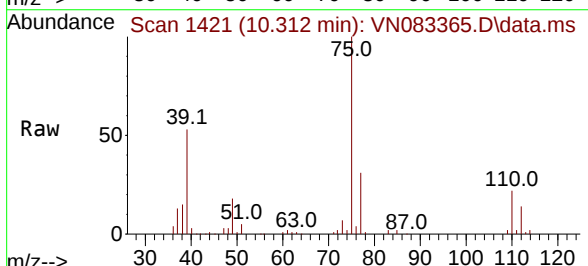
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

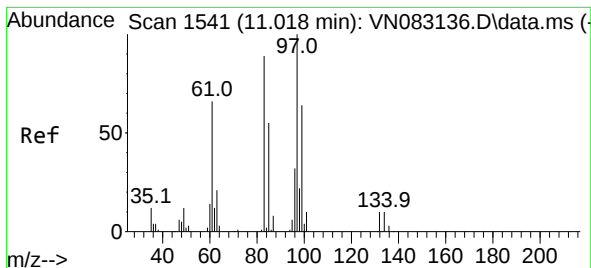
Tgt Ion: 75 Resp: 148444
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 54.734 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 75 Resp: 155330
Ion Ratio Lower Upper
75 100
77 31.1 24.3 36.5
39 52.7 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 60.384 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 93093

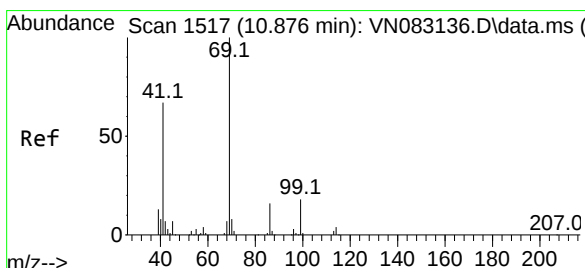
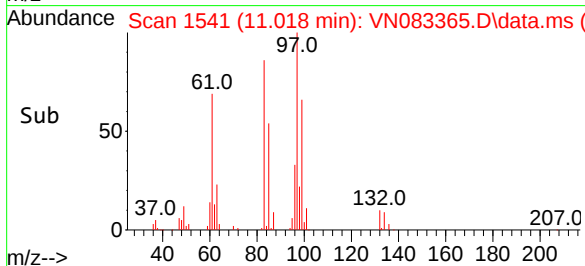
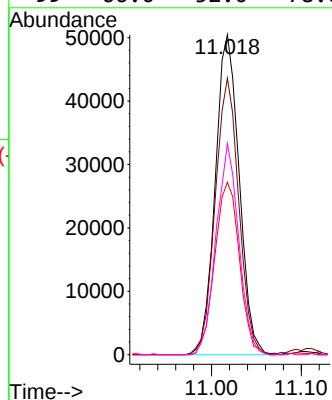
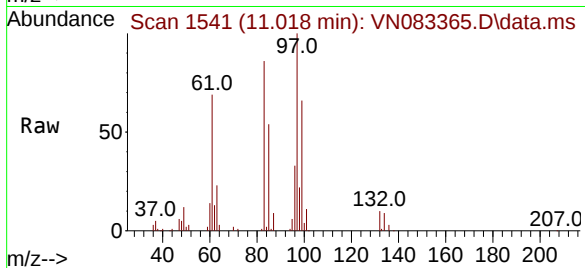
Ion Ratio Lower Upper

97 100

83 86.4 71.4 107.0

85 53.9 45.8 68.6

99 66.0 52.0 78.0



#56

Ethyl methacrylate

Concen: 57.197 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

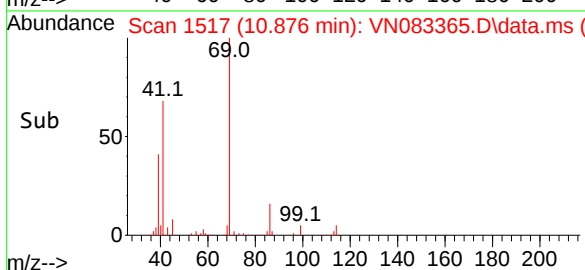
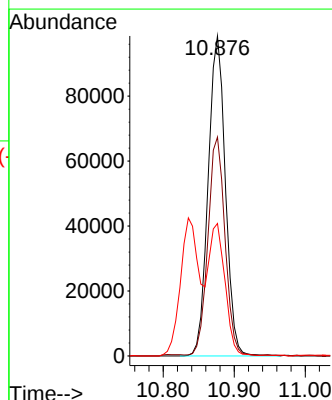
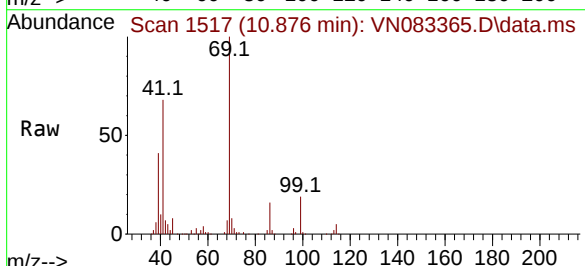
Tgt Ion: 69 Resp: 166234

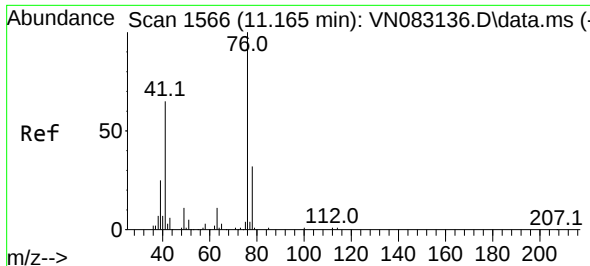
Ion Ratio Lower Upper

69 100

41 67.2 63.4 95.2

39 37.6 37.4 56.0





#57

1,3-Dichloropropane

Concen: 59.983 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

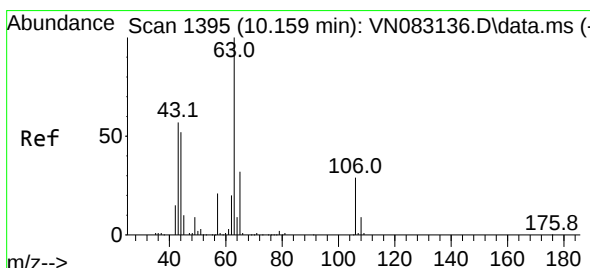
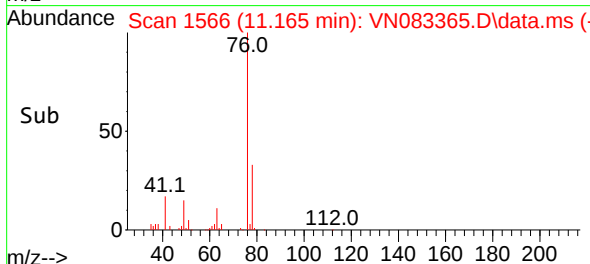
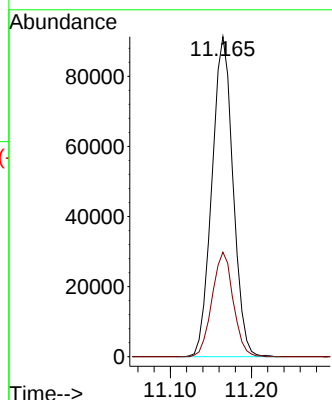
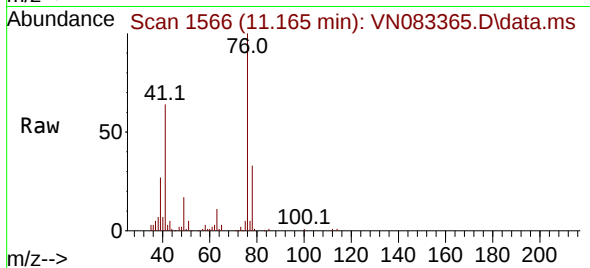
VSTDCCC050EC

Tgt Ion: 76 Resp: 164830

Ion Ratio Lower Upper

76 100

78 32.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 258.652 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN083365.D

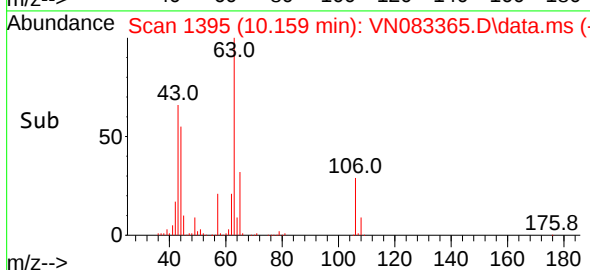
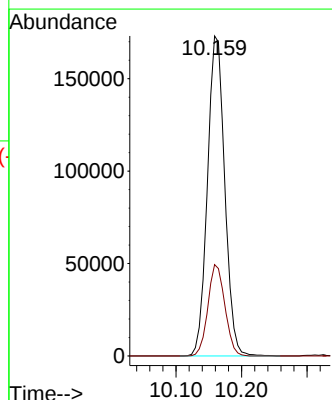
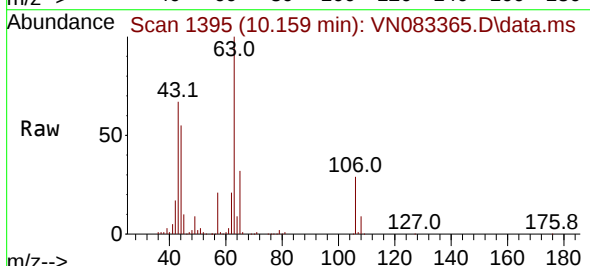
Acq: 16 Aug 2024 19:42

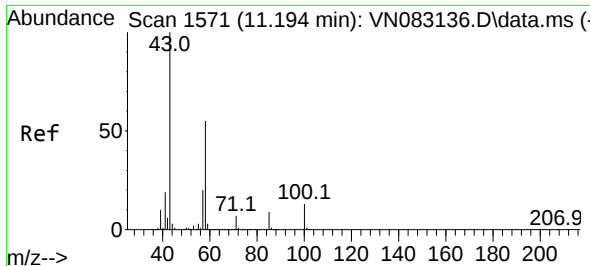
Tgt Ion: 63 Resp: 317759

Ion Ratio Lower Upper

63 100

106 28.0 21.4 32.0

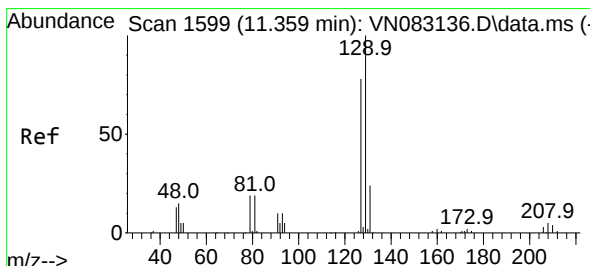
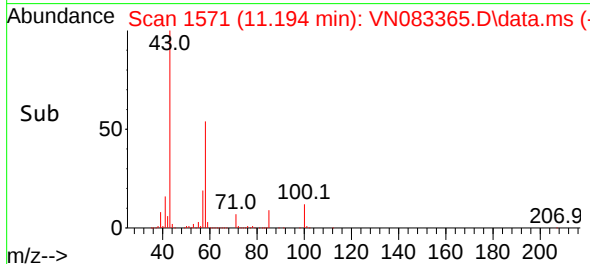
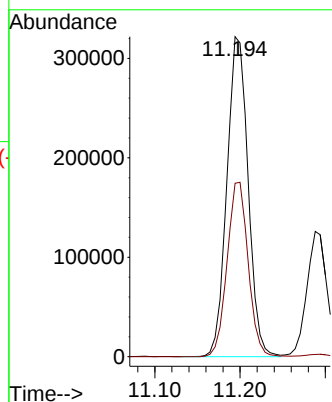
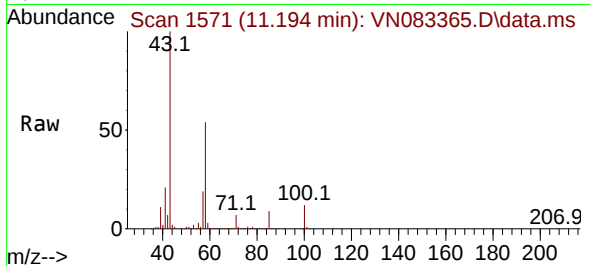




#59
2-Hexanone
Concen: 297.443 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

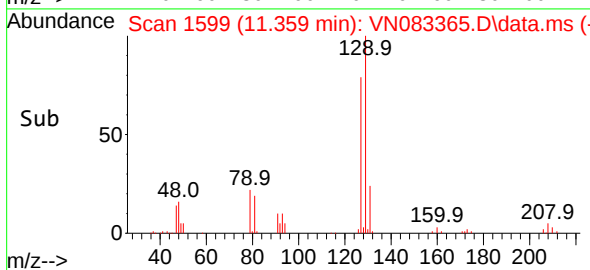
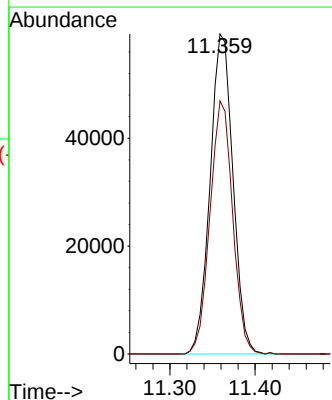
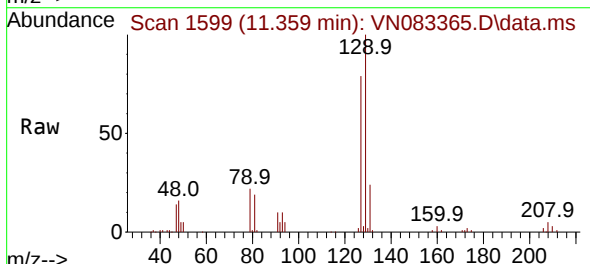
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

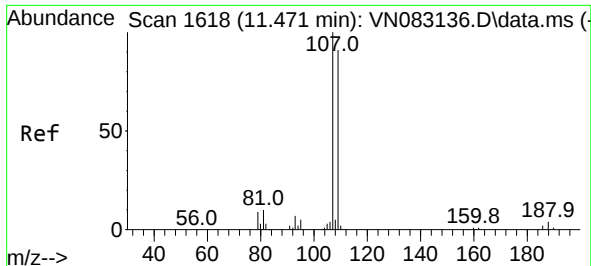
Tgt Ion: 43 Resp: 556852
Ion Ratio Lower Upper
43 100
58 54.1 24.6 73.8



#60
Dibromochloromethane
Concen: 59.543 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 129 Resp: 110985
Ion Ratio Lower Upper
129 100
127 78.3 39.2 117.6

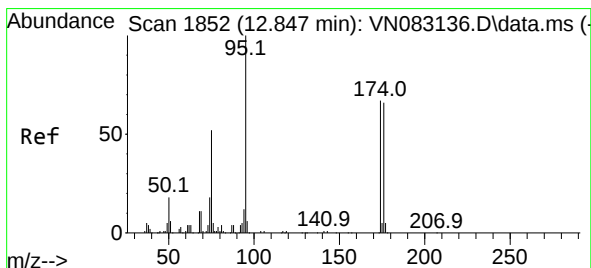
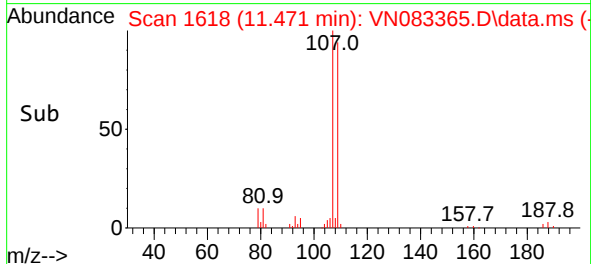
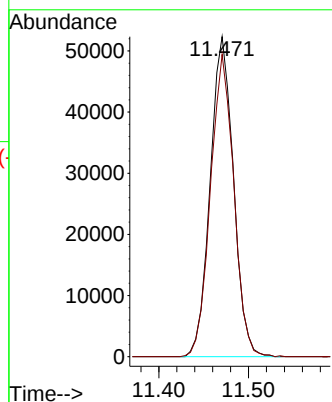
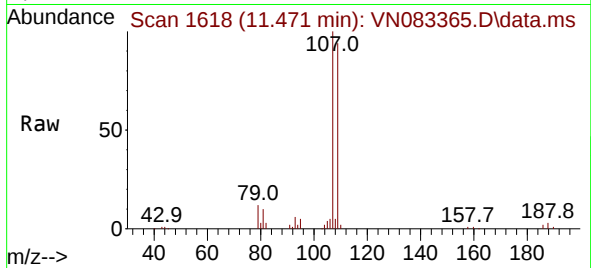




#61
1,2-Dibromoethane
Concen: 58.173 ug/l
RT: 11.471 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

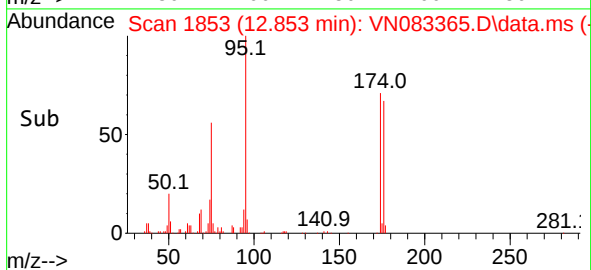
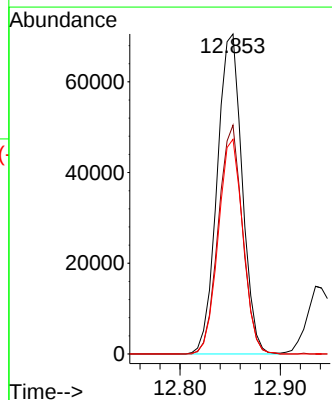
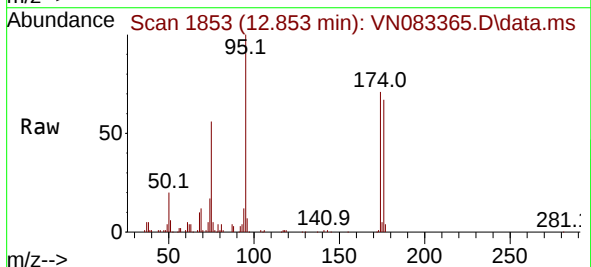
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

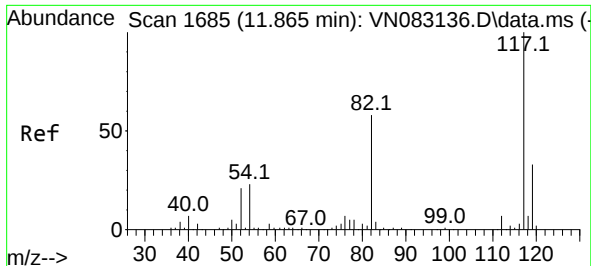
Tgt Ion:107 Resp: 94213
Ion Ratio Lower Upper
107 100
109 94.7 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 55.544 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 95 Resp: 122040
Ion Ratio Lower Upper
95 100
174 69.1 0.0 159.2
176 66.3 0.0 147.6

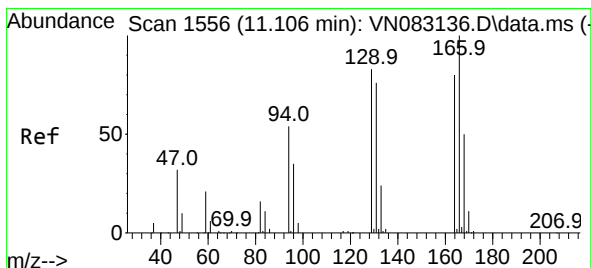
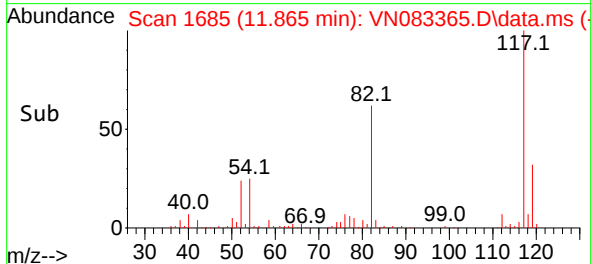
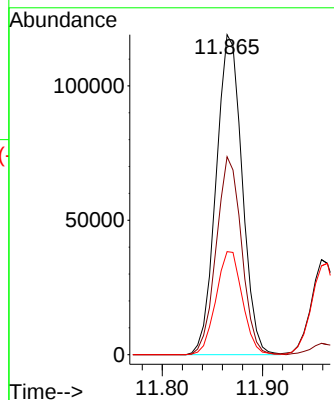
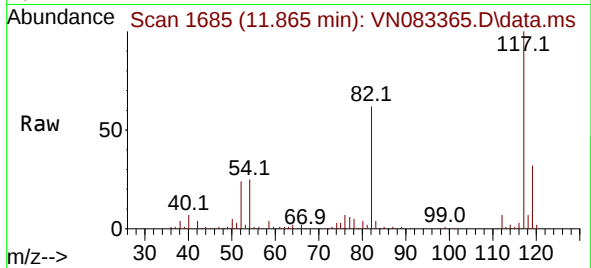




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

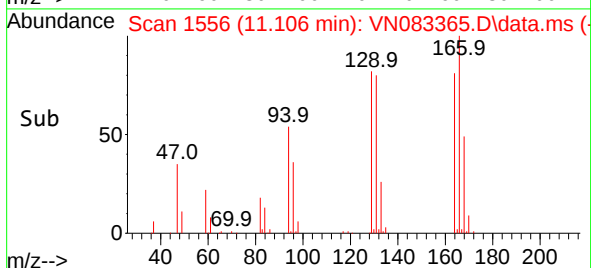
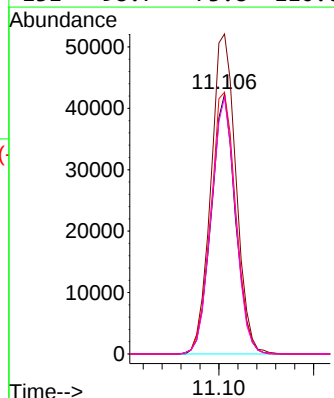
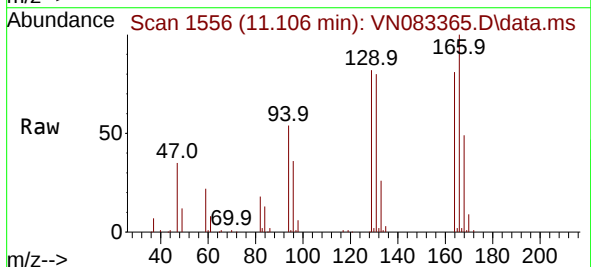
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

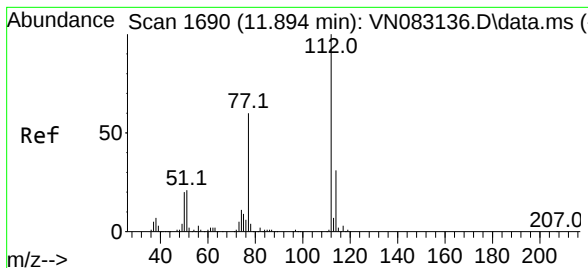
Tgt Ion:117 Resp: 214552
Ion Ratio Lower Upper
117 100
82 61.9 47.5 71.3
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 52.201 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion:164 Resp: 74174
Ion Ratio Lower Upper
164 100
166 123.1 101.4 152.0
129 100.7 75.7 113.5
131 98.7 73.8 110.6

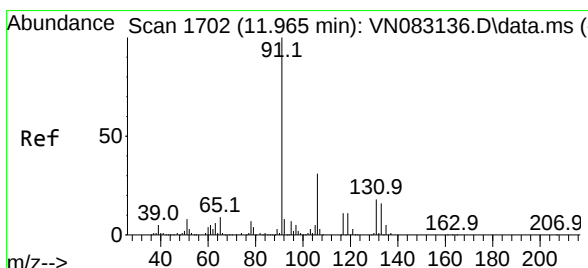
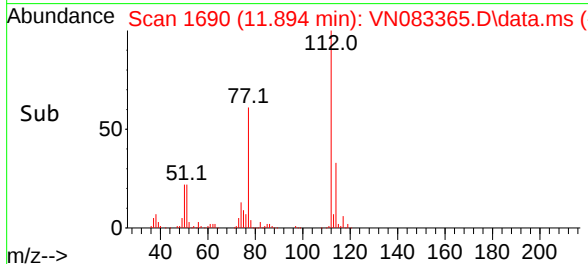
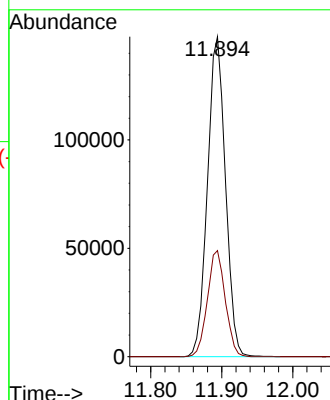
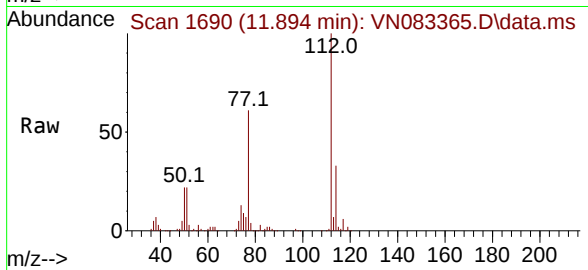




#65
Chlorobenzene
Concen: 54.752 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

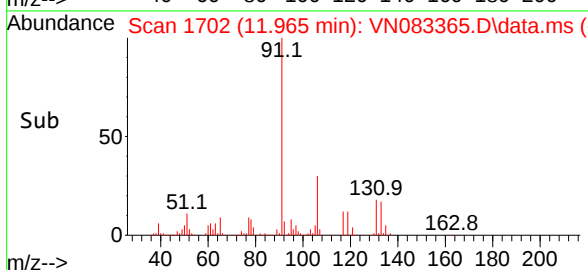
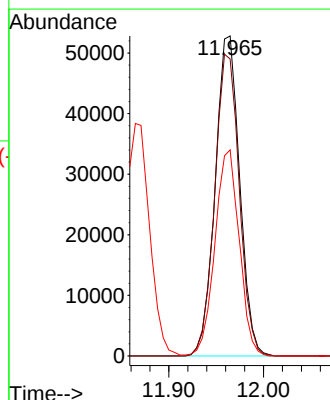
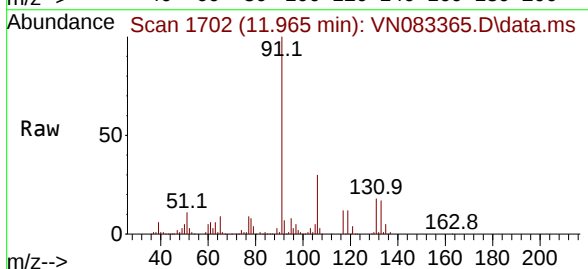
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 259599
Ion Ratio Lower Upper
112 100
114 33.2 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 56.732 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion:131 Resp: 94866
Ion Ratio Lower Upper
131 100
133 94.6 47.3 142.0
119 64.1 32.5 97.4

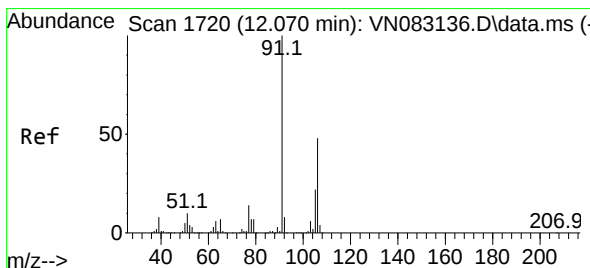
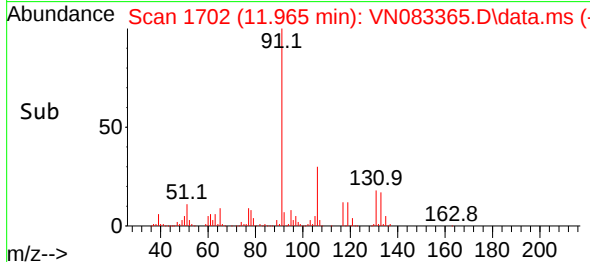
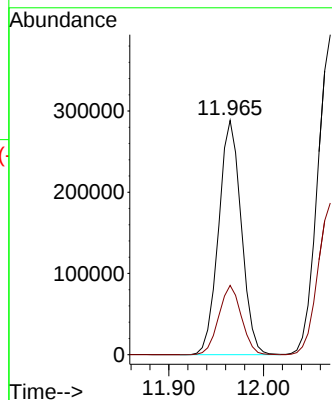
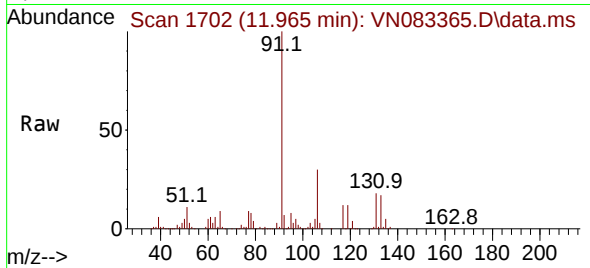




#67
Ethyl Benzene
Concen: 55.282 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

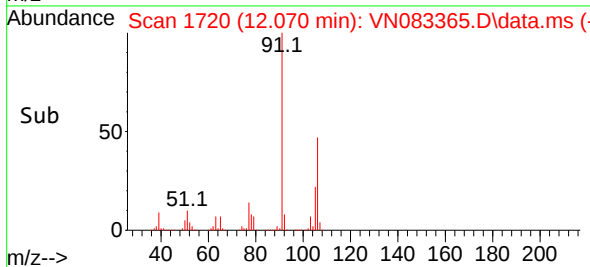
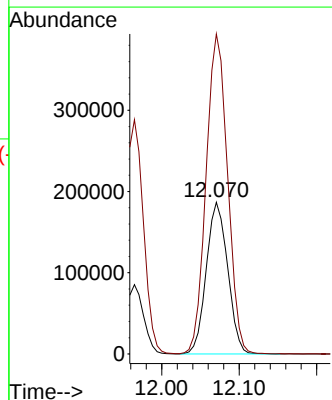
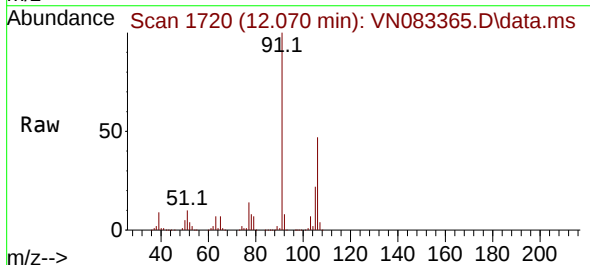
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

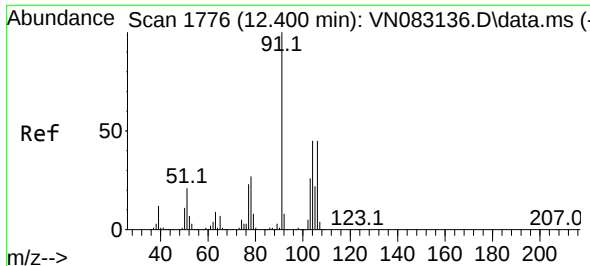
Tgt Ion: 91 Resp: 480837
Ion Ratio Lower Upper
91 100
106 29.5 24.0 36.0



#68
m/p-Xylenes
Concen: 109.881 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 106 Resp: 358009
Ion Ratio Lower Upper
106 100
91 212.2 166.1 249.1

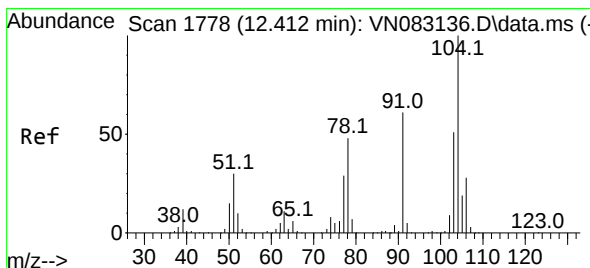
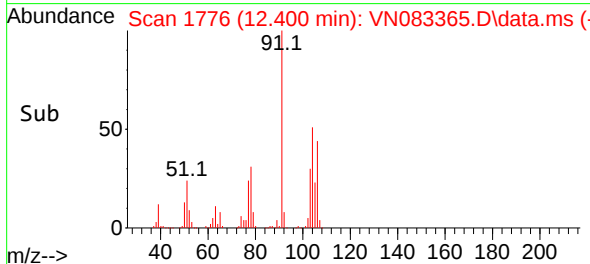
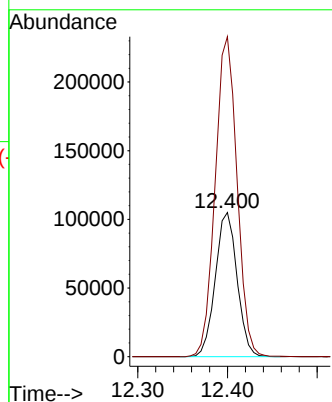
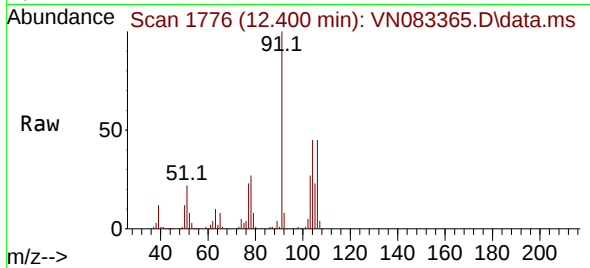




#69
o-Xylene
Concen: 55.032 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

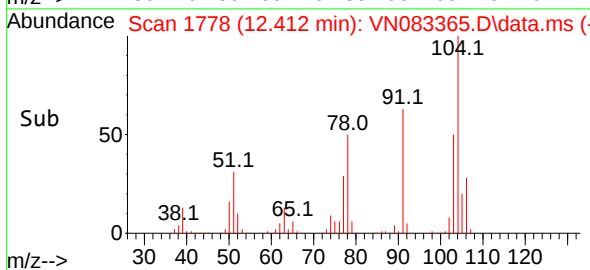
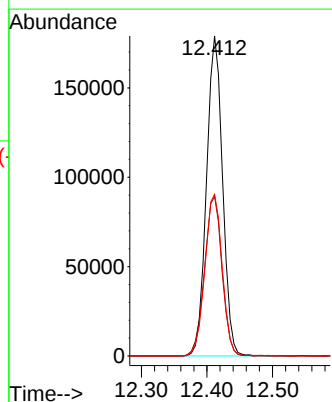
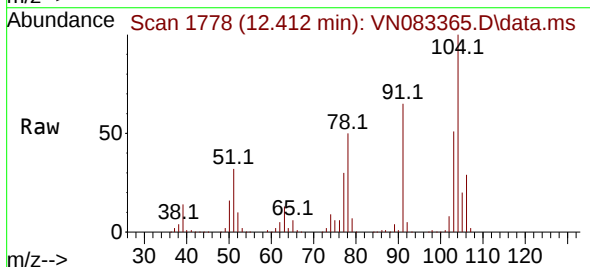
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

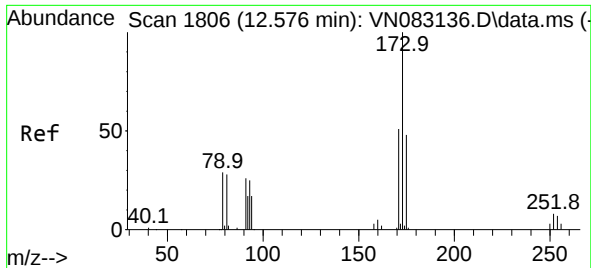
Tgt Ion:106 Resp: 176841
Ion Ratio Lower Upper
106 100
91 222.8 111.3 333.9



#70
Styrene
Concen: 56.586 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion:104 Resp: 305401
Ion Ratio Lower Upper
104 100
78 54.2 41.6 62.4
103 54.3 44.0 66.0

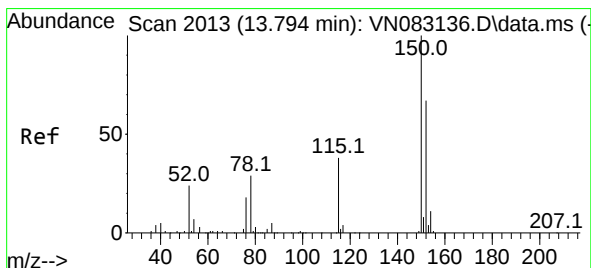
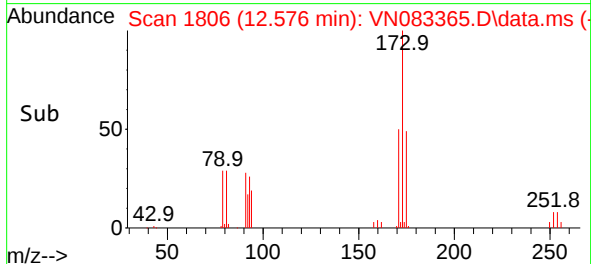
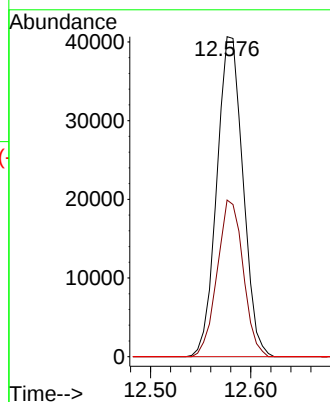
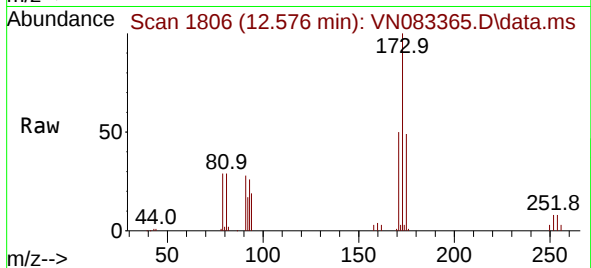




#71
Bromoform
Concen: 58.156 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

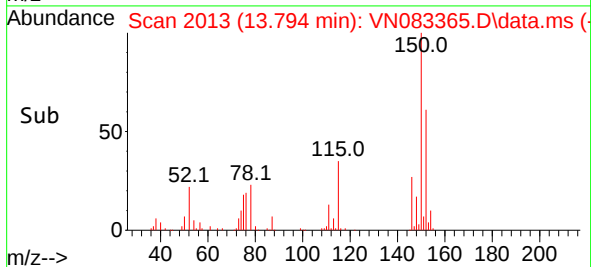
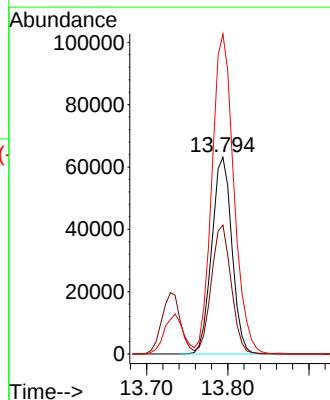
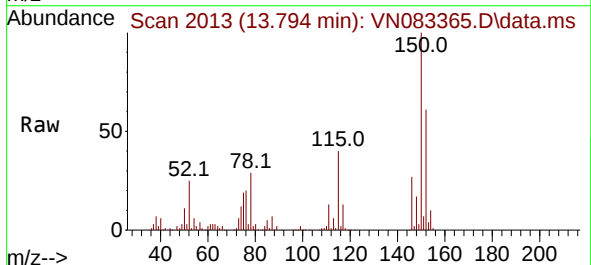
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

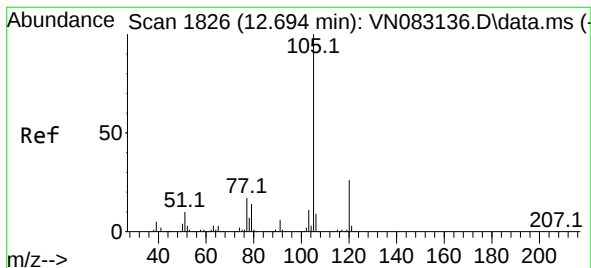
Tgt Ion:173 Resp: 73672
Ion Ratio Lower Upper
173 100
175 48.6 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion:152 Resp: 108855
Ion Ratio Lower Upper
152 100
115 64.7 30.6 91.6
150 176.8 0.0 348.6





#73

Isopropylbenzene

Concen: 50.507 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

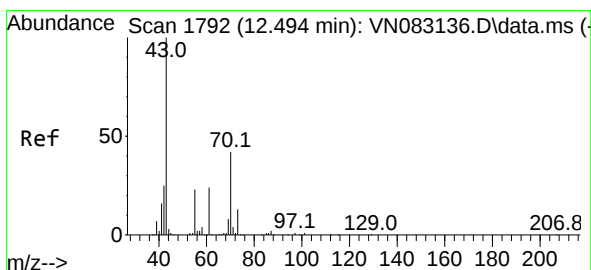
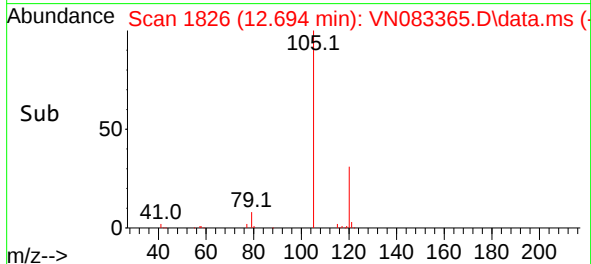
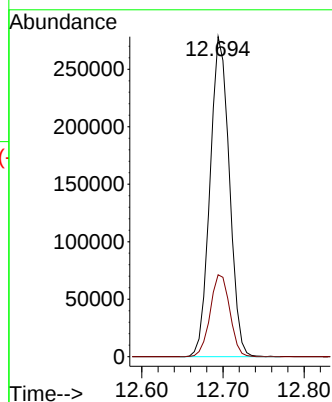
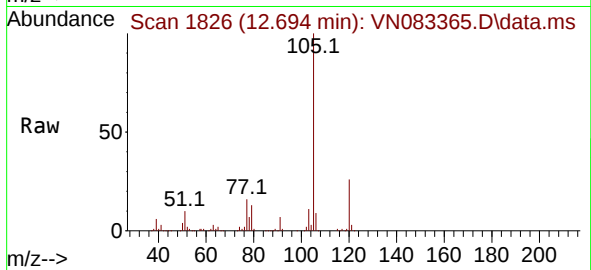
VSTDCCC050EC

Tgt Ion:105 Resp: 459861

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.6



#74

N-ethyl acetate

Concen: 49.982 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Tgt Ion: 43 Resp: 222597

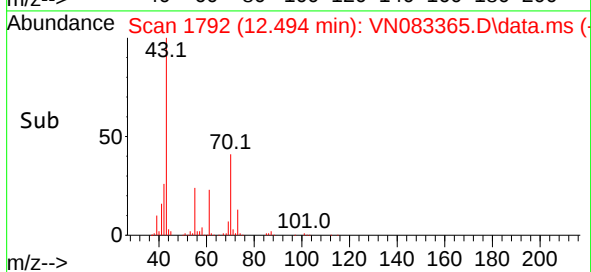
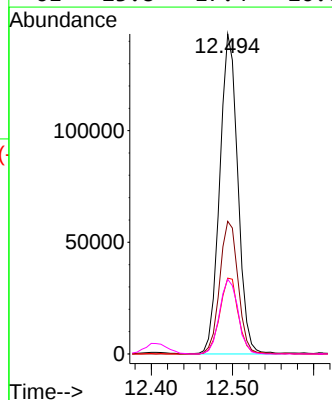
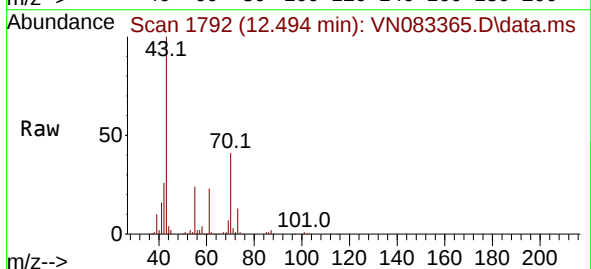
Ion Ratio Lower Upper

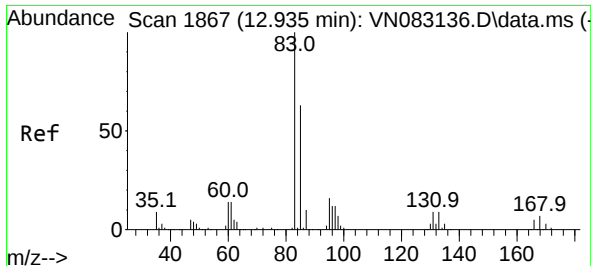
43 100

70 42.1 29.8 44.6

55 24.3 18.7 28.1

61 23.8 17.4 26.0

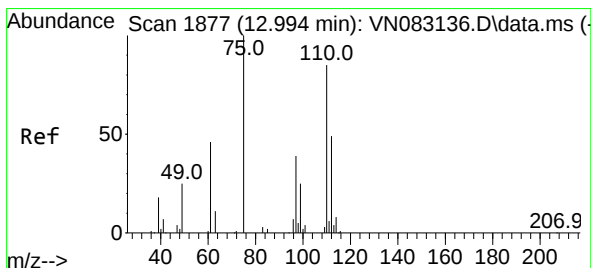
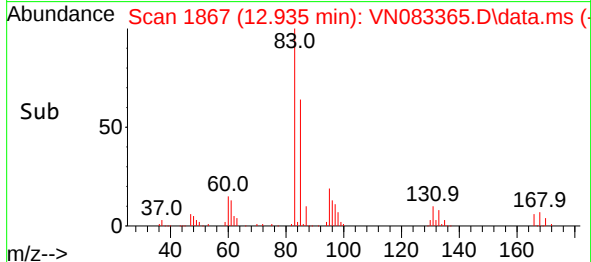
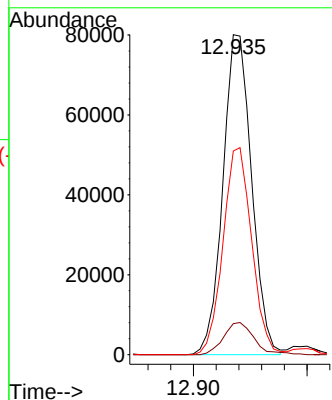
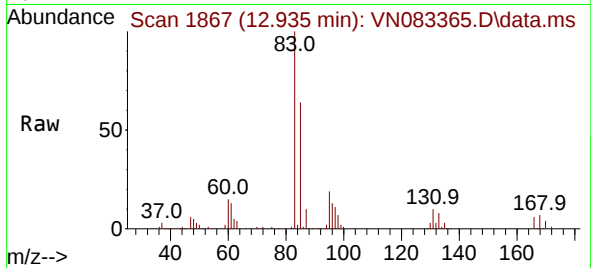




#75
1,1,2,2-Tetrachloroethane
Concen: 54.684 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

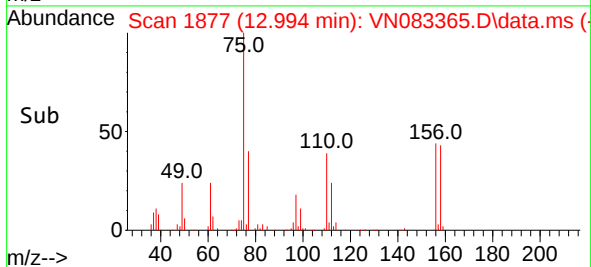
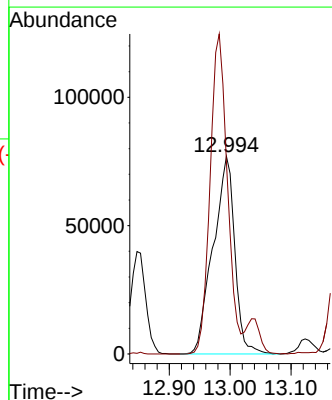
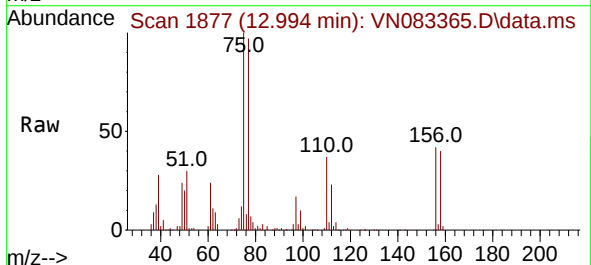
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

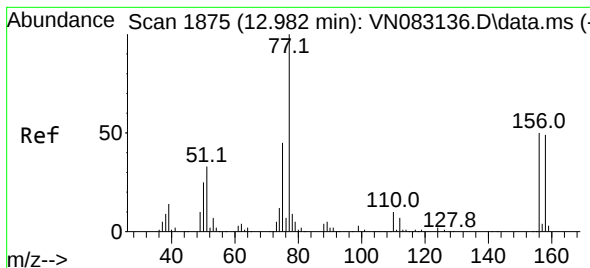
Tgt Ion: 83 Resp: 140821
Ion Ratio Lower Upper
83 100
131 10.7 5.0 14.9
85 64.6 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 79.530 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 75 Resp: 190004
Ion Ratio Lower Upper
75 100
77 129.0 110.9 332.6





#77

Bromobenzene

Concen: 52.954 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

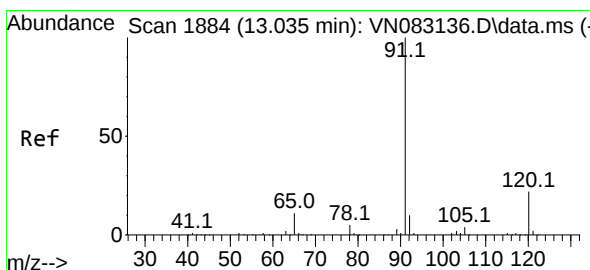
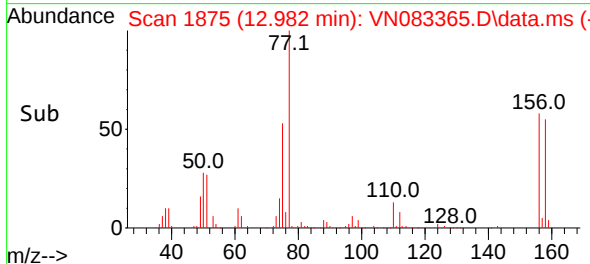
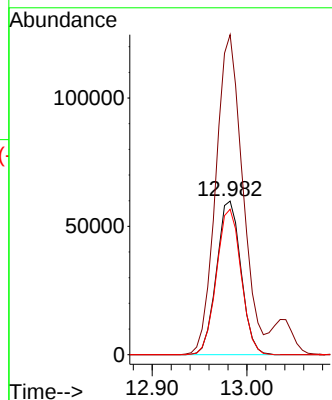
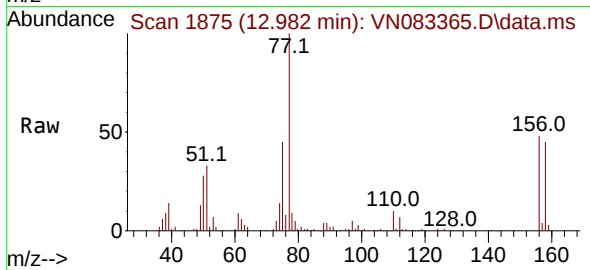
Tgt Ion:156 Resp: 107103

Ion Ratio Lower Upper

156 100

77 228.9 111.3 333.8

158 95.5 48.3 144.9



#78

n-propylbenzene

Concen: 52.451 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN083365.D

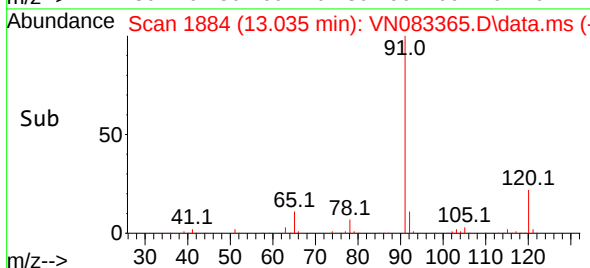
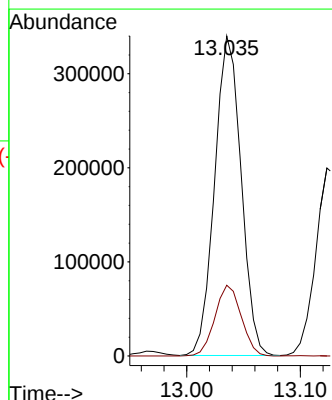
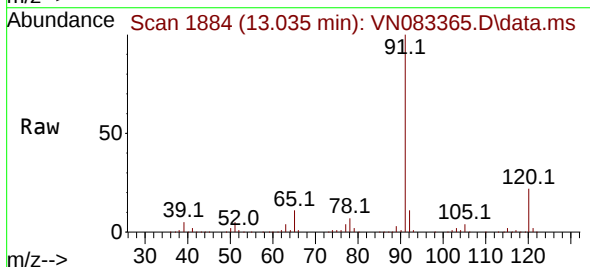
Acq: 16 Aug 2024 19:42

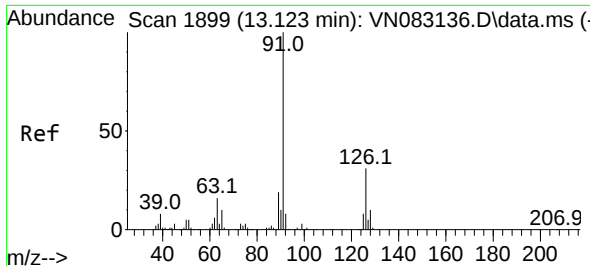
Tgt Ion: 91 Resp: 549902

Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.9

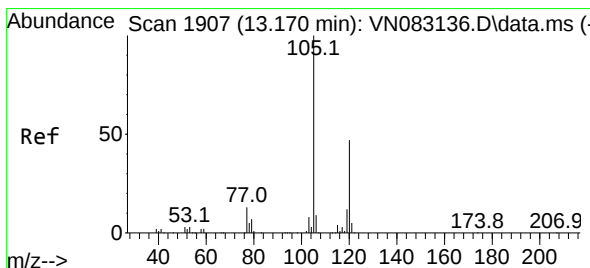
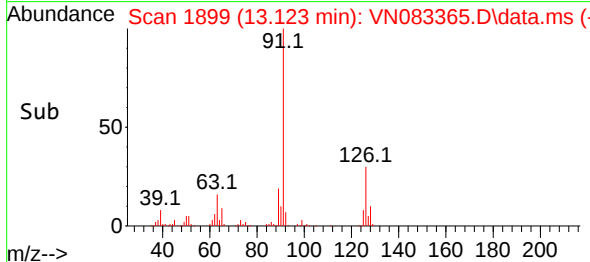
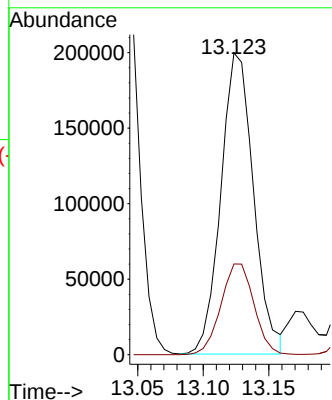
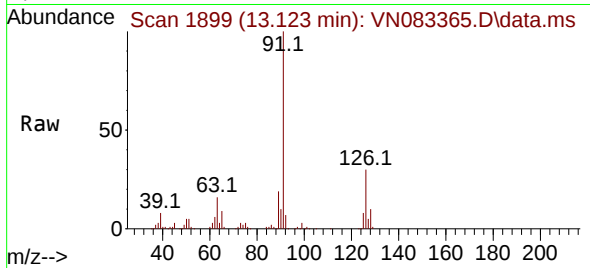




#79
2-Chlorotoluene
Concen: 51.963 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

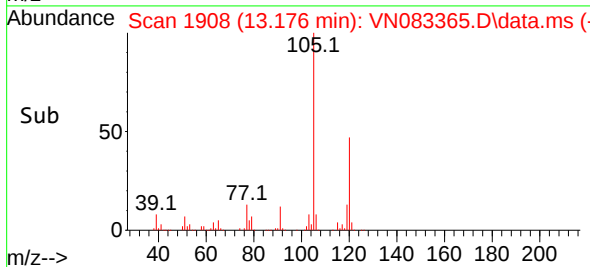
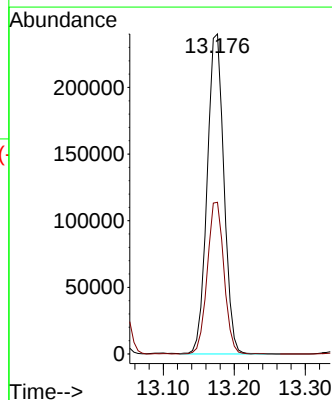
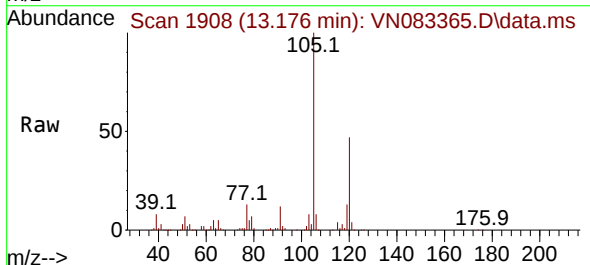
Instrument :
MSVOA_N
ClientSampleId :
VSTDC050EC

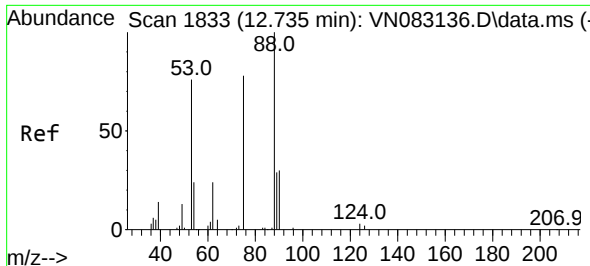
Tgt Ion: 91 Resp: 345393
Ion Ratio Lower Upper
91 100
126 30.5 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 51.750 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 105 Resp: 394478
Ion Ratio Lower Upper
105 100
120 47.3 24.3 72.8

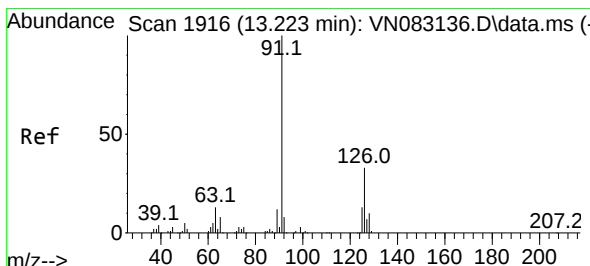
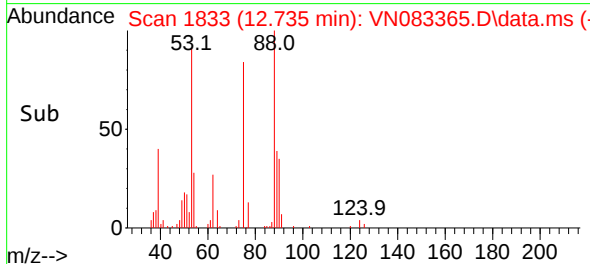
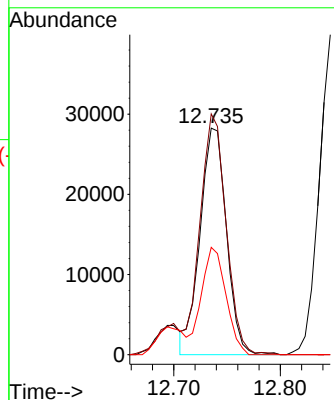
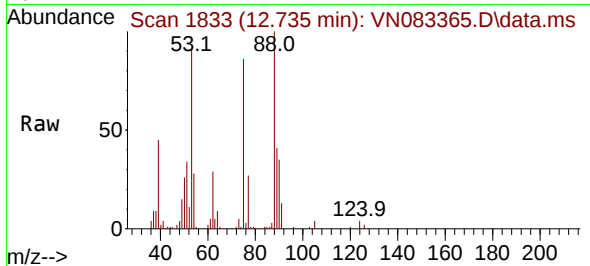




#81
trans-1,4-Dichloro-2-butene
Concen: 44.395 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

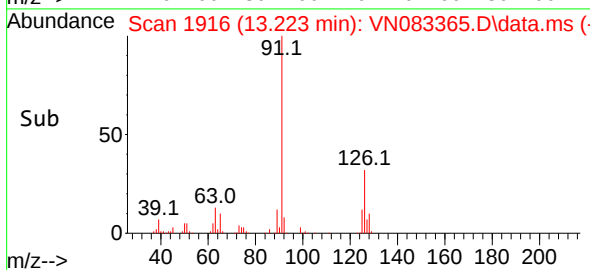
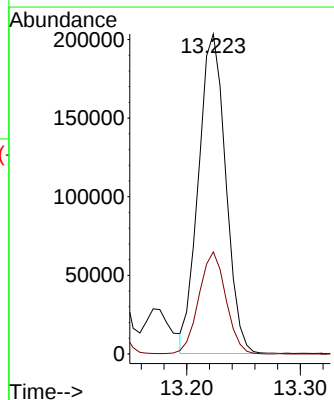
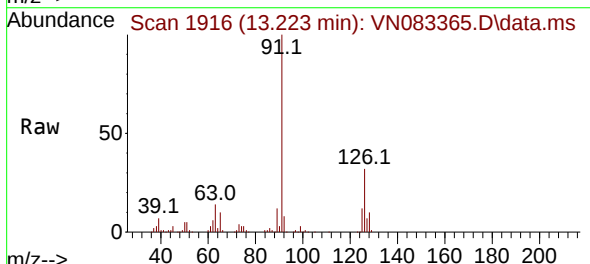
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

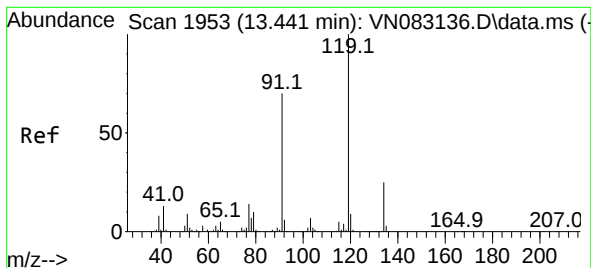
Tgt Ion: 75 Resp: 48760
Ion Ratio Lower Upper
75 100
53 117.1 88.4 132.6
89 44.2 36.3 54.5



#82
4-Chlorotoluene
Concen: 50.676 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 91 Resp: 337870
Ion Ratio Lower Upper
91 100
126 31.7 16.2 48.6





#83

tert-Butylbenzene

Concen: 51.307 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

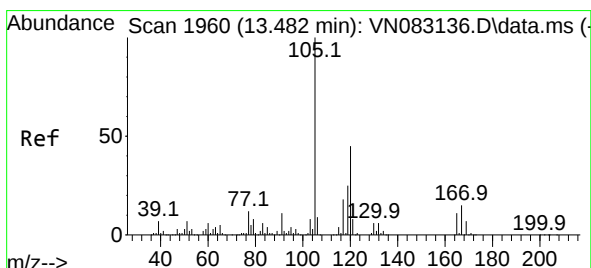
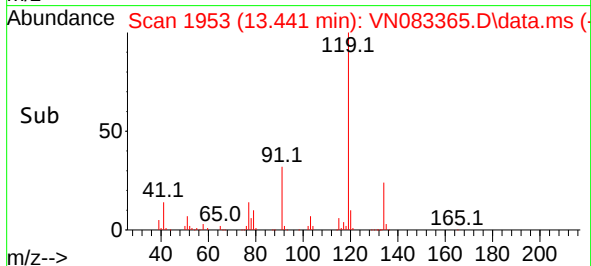
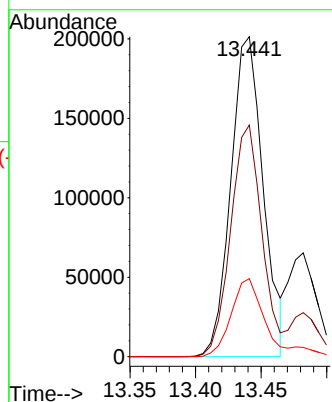
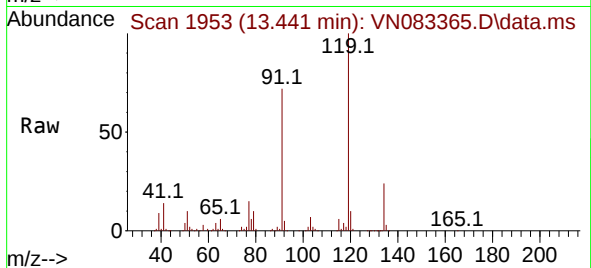
Tgt Ion:119 Resp: 346350

Ion Ratio Lower Upper

119 100

91 69.8 35.0 105.1

134 26.3 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 52.751 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083365.D

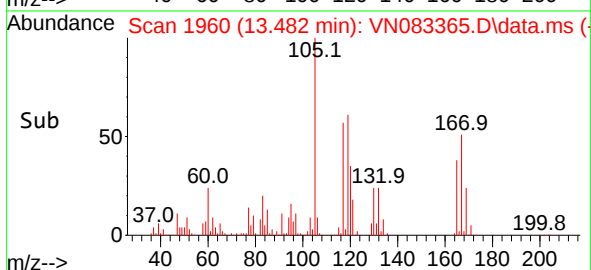
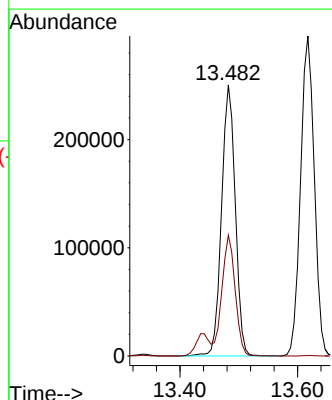
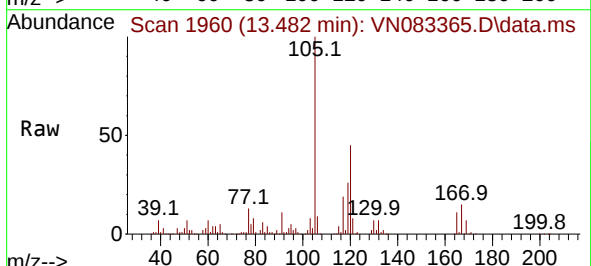
Acq: 16 Aug 2024 19:42

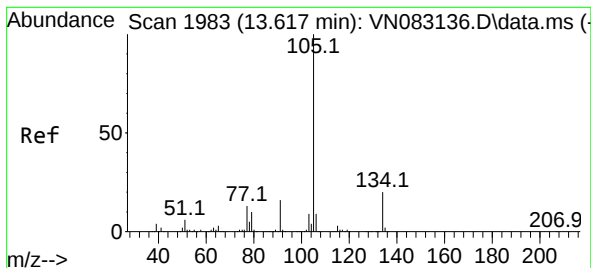
Tgt Ion:105 Resp: 405230

Ion Ratio Lower Upper

105 100

120 43.2 21.9 65.8





#85

sec-Butylbenzene

Concen: 52.120 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

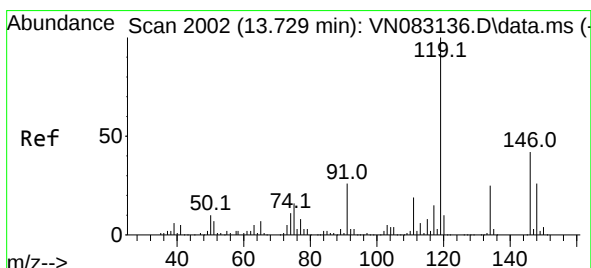
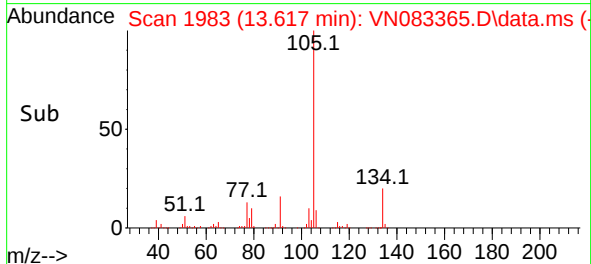
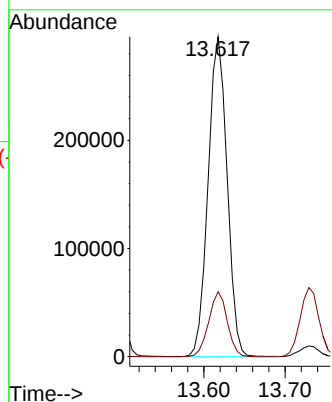
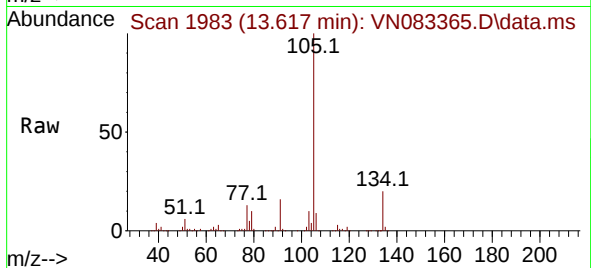
VSTDCCC050EC

Tgt Ion:105 Resp: 480083

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.046 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

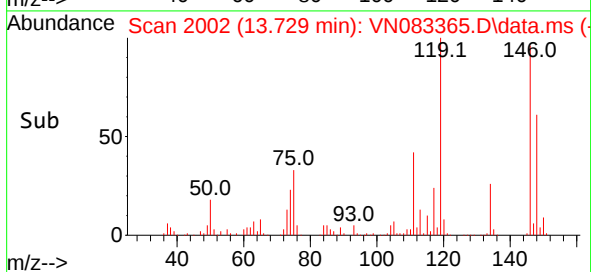
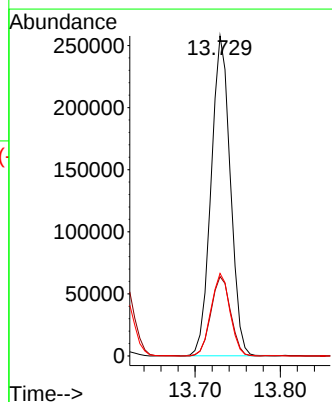
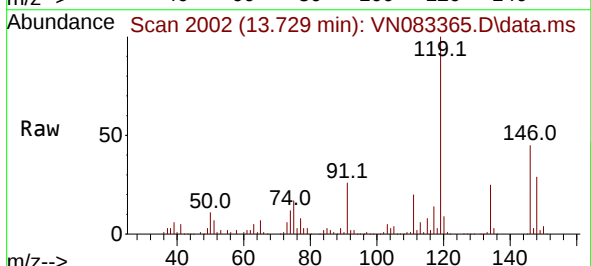
Tgt Ion:119 Resp: 403441

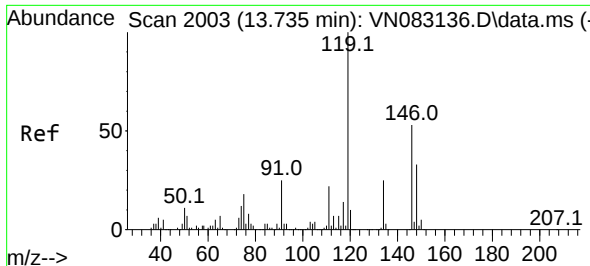
Ion Ratio Lower Upper

119 100

134 25.3 13.0 39.0

91 25.6 12.3 36.9

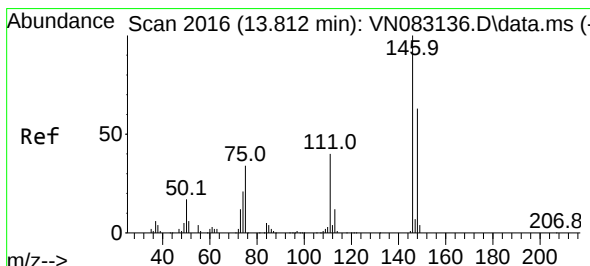
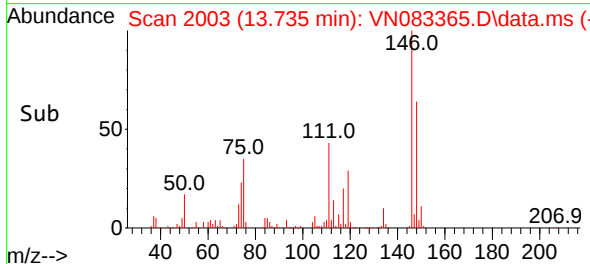
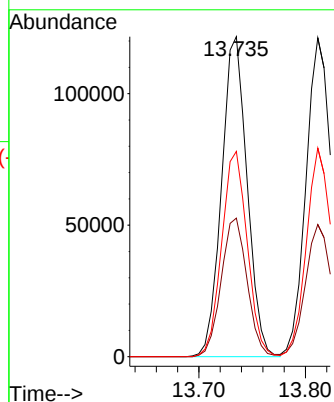
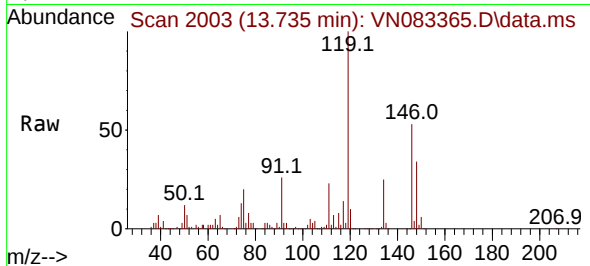




#87
 1,3-Dichlorobenzene
 Concen: 53.153 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN083365.D
 Acq: 16 Aug 2024 19:42

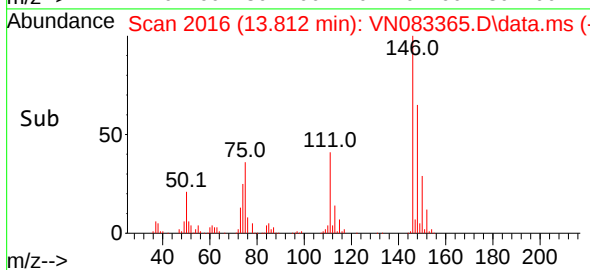
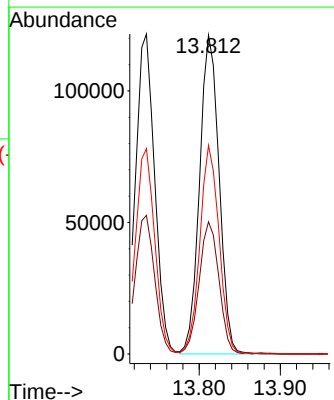
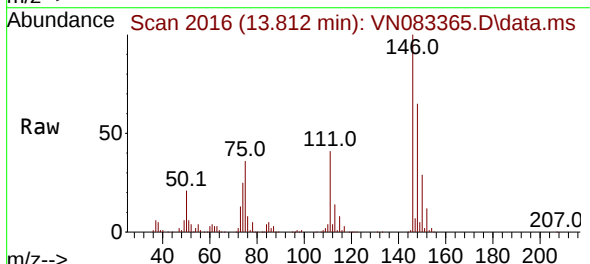
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

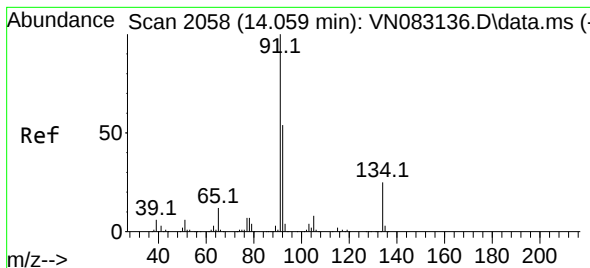
Tgt Ion:146 Resp: 202287
 Ion Ratio Lower Upper
 146 100
 111 43.9 20.6 61.9
 148 64.3 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.810 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN083365.D
 Acq: 16 Aug 2024 19:42

Tgt Ion:146 Resp: 202622
 Ion Ratio Lower Upper
 146 100
 111 42.2 20.1 60.3
 148 64.2 32.2 96.6





#89

n-Butylbenzene

Concen: 53.295 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

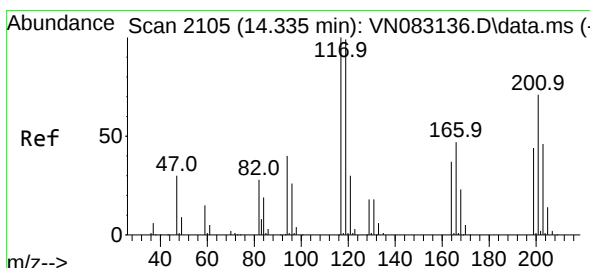
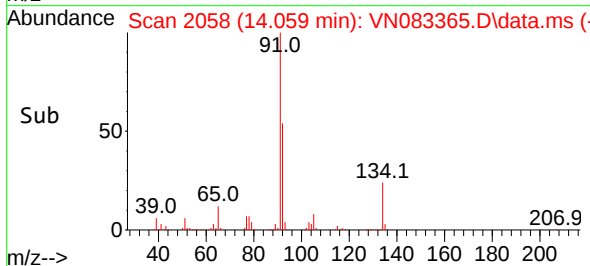
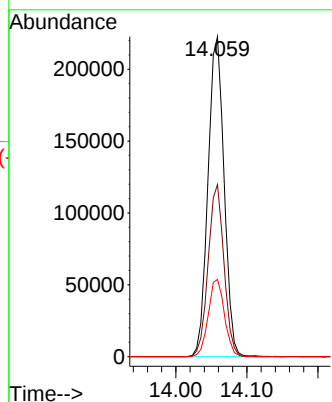
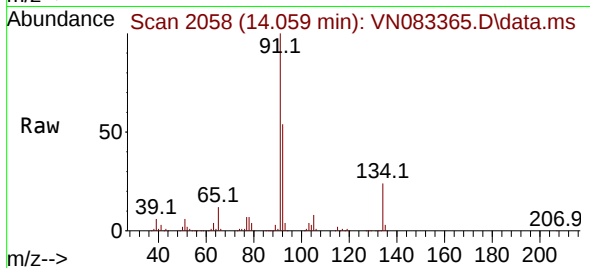
Tgt Ion: 91 Resp: 351221

Ion Ratio Lower Upper

91 100

92 52.7 26.1 78.3

134 24.2 12.1 36.3



#90

Hexachloroethane

Concen: 50.855 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN083365.D

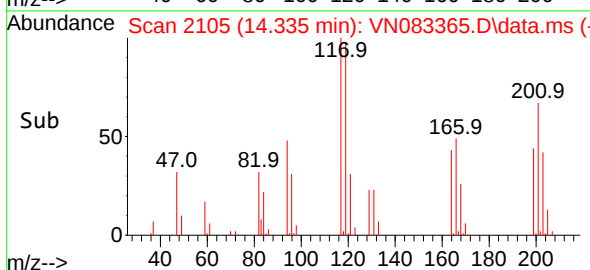
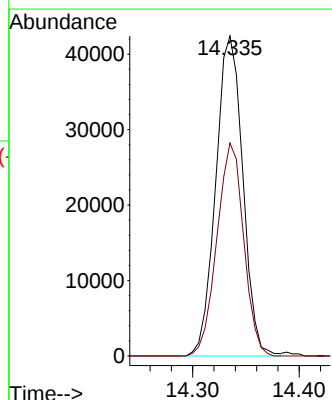
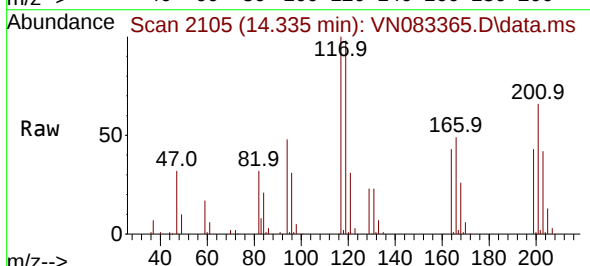
Acq: 16 Aug 2024 19:42

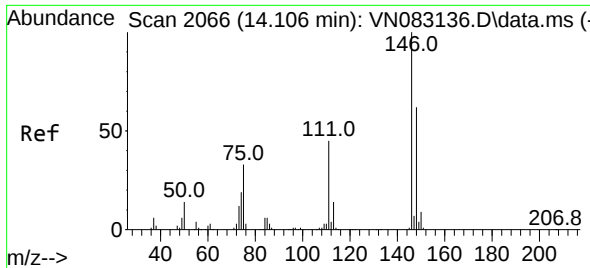
Tgt Ion: 117 Resp: 74724

Ion Ratio Lower Upper

117 100

201 65.8 35.8 107.3

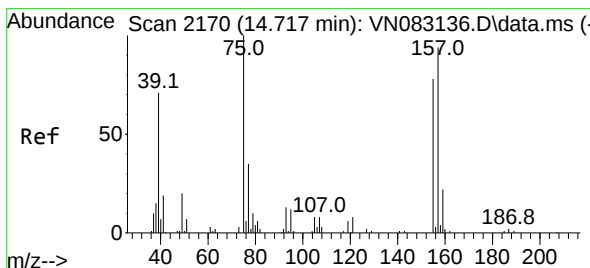
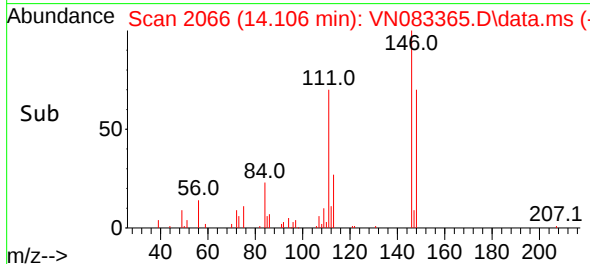
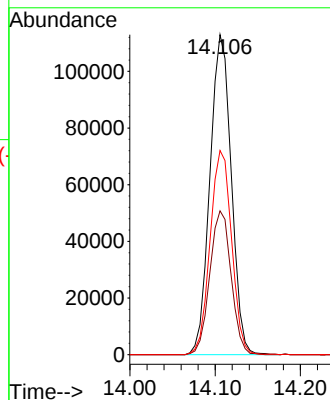
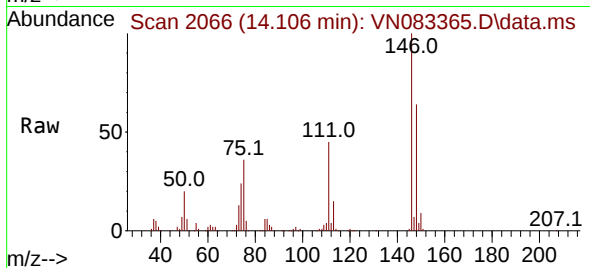




#91
1,2-Dichlorobenzene
Concen: 53.291 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

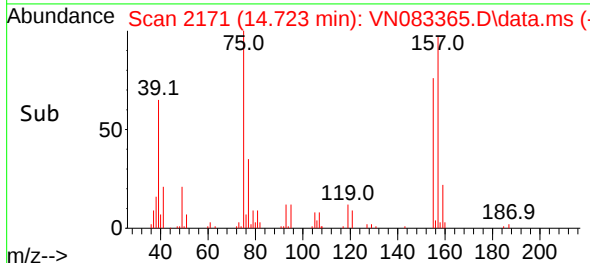
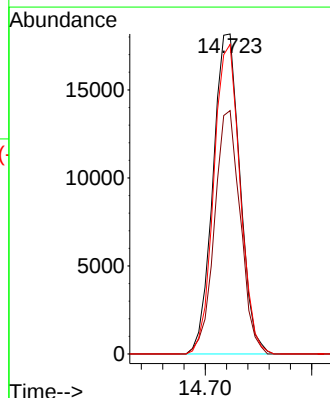
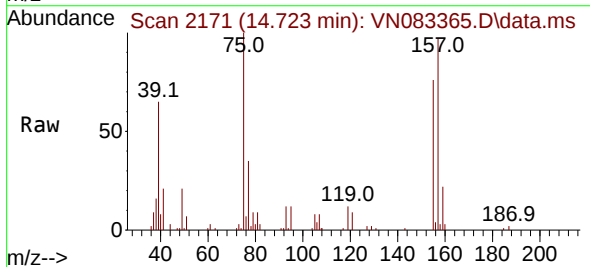
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

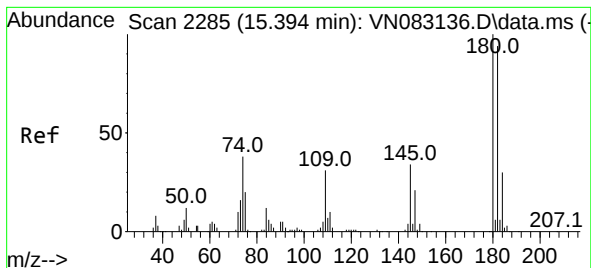
Tgt Ion:146 Resp: 196262
Ion Ratio Lower Upper
146 100
111 44.9 21.4 64.2
148 64.4 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.153 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion: 75 Resp: 31965
Ion Ratio Lower Upper
75 100
155 72.7 36.6 109.8
157 94.1 46.9 140.6





#93

1,2,4-Trichlorobenzene

Concen: 50.774 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

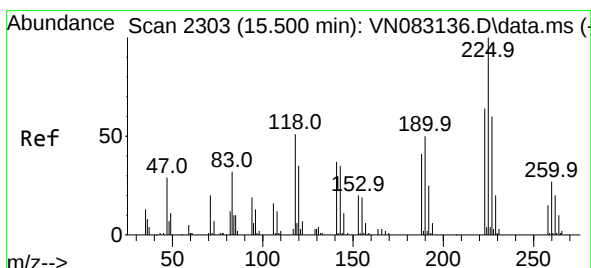
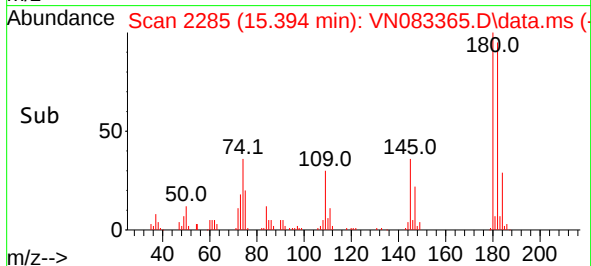
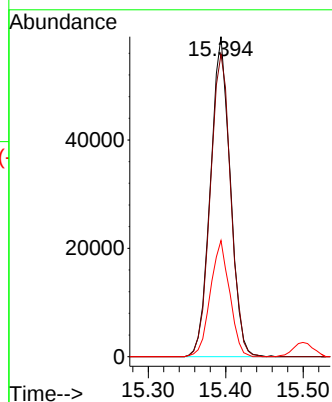
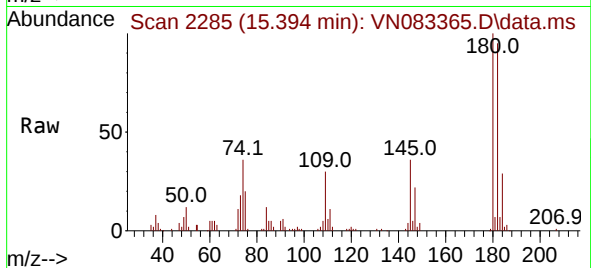
Tgt Ion:180 Resp: 104758

Ion Ratio Lower Upper

180 100

182 97.6 47.3 141.8

145 35.3 15.7 47.1



#94

Hexachlorobutadiene

Concen: 46.400 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN083365.D

Acq: 16 Aug 2024 19:42

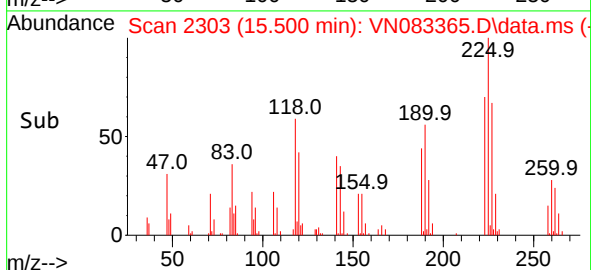
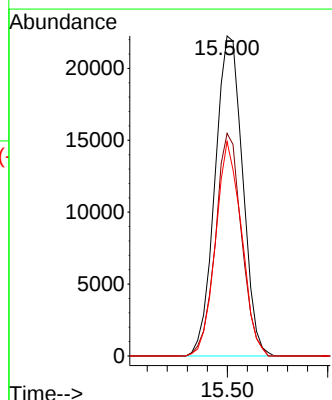
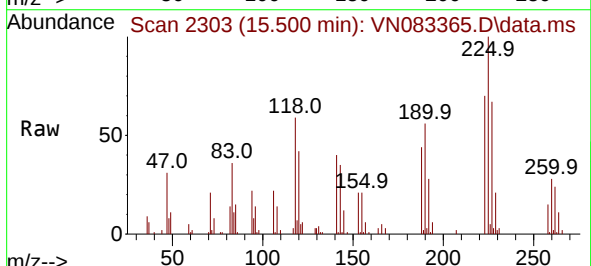
Tgt Ion:225 Resp: 42576

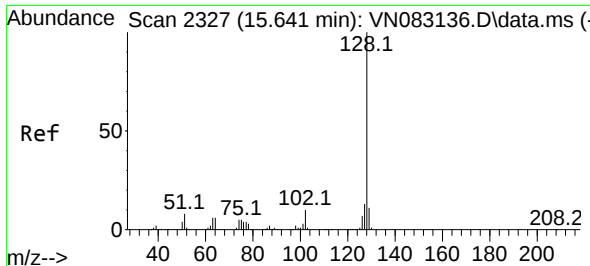
Ion Ratio Lower Upper

225 100

223 65.7 31.9 95.7

227 63.0 32.5 97.5

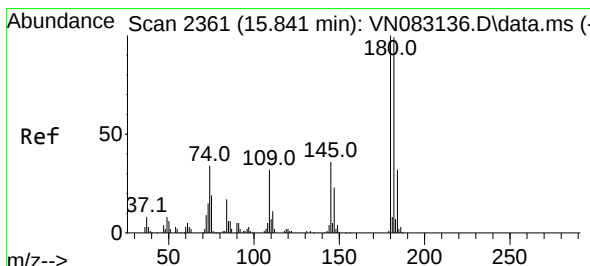
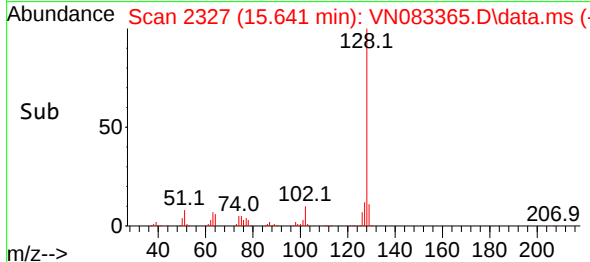
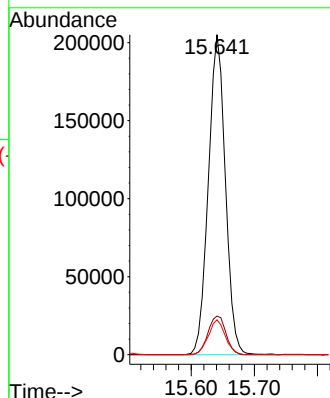
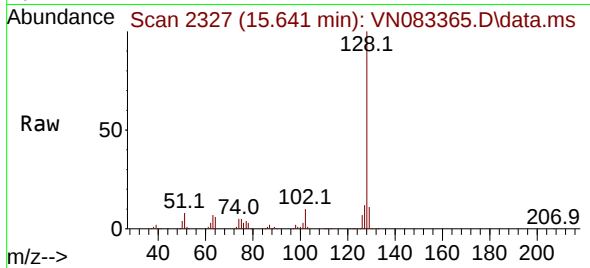




#95
Naphthalene
Concen: 52.385 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 382851
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: 51.964 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083365.D
Acq: 16 Aug 2024 19:42

Tgt Ion:180 Resp: 106086
Ion Ratio Lower Upper
180 100
182 93.1 48.9 146.8
145 35.6 16.8 50.4

