

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101922\
 Data File : VN074933.D
 Acq On : 19 Oct 2022 16:08
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Oct 20 05:47:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101922W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 05:43:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	249568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	418328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	465297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	110953	18.731	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	37.460%#
35) Dibromofluoromethane	8.177	113	93316	20.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	40.680%#
50) Toluene-d8	10.571	98	386092	20.745	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	41.500%#
62) 4-Bromofluorobenzene	12.853	95	100291	19.726	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	39.460%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	80263	18.590	ug/l	98
3) Chloromethane	2.383	50	115938	17.777	ug/l	95
4) Vinyl Chloride	2.530	62	190621	18.380	ug/l	95
5) Bromomethane	2.942	94	159993	15.283	ug/l	91
6) Chloroethane	3.124	64	170117	16.584	ug/l	97
7) Trichlorofluoromethane	3.506	101	123593	18.142	ug/l	98
8) Diethyl Ether	3.989	74	54830	17.557	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.389	101	77163	18.090	ug/l	99
10) Methyl Iodide	4.612	142	109993	19.346	ug/l	95
11) Tert butyl alcohol	5.553	59	133933	95.936	ug/l	99
12) 1,1-Dichloroethene	4.353	96	73137	18.752	ug/l	84
13) Acrolein	4.206	56	87054	85.163	ug/l	100
14) Allyl chloride	5.048	41	116792	15.371	ug/l	90
15) Acrylonitrile	5.742	53	338347	97.156	ug/l	99
16) Acetone	4.459	43	269146	89.389	ug/l	93
17) Carbon Disulfide	4.736	76	163152	17.999	ug/l	95
18) Methyl Acetate	5.059	43	194771	18.240	ug/l	96
19) Methyl tert-butyl Ether	5.818	73	288146	18.922	ug/l	95
20) Methylene Chloride	5.300	84	96555	16.145	ug/l	94
21) trans-1,2-Dichloroethene	5.812	96	77539	17.841	ug/l	96
22) Diisopropyl ether	6.683	45	304849	18.480	ug/l	98
23) Vinyl Acetate	6.624	43	1287582	103.129	ug/l	98
24) 1,1-Dichloroethane	6.583	63	164576	18.016	ug/l	97
25) 2-Butanone	7.494	43	456497	93.354	ug/l	92
26) 2,2-Dichloropropane	7.506	77	141532	18.627	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	102140	17.793	ug/l	98
28) Bromochloromethane	7.824	49	86470	21.305	ug/l	98
29) Tetrahydrofuran	7.847	42	298996	94.862	ug/l	99
30) Chloroform	7.977	83	171797	18.802	ug/l	98
31) Cyclohexane	8.265	56	139302	18.353	ug/l #	96
32) 1,1,1-Trichloroethane	8.177	97	138861	17.951	ug/l	99
36) 1,1-Dichloropropene	8.383	75	115231	18.400	ug/l	97
37) Ethyl Acetate	7.571	43	180315	19.477	ug/l	96
38) Carbon Tetrachloride	8.377	117	114654	18.673	ug/l	94
39) Methylcyclohexane	9.606	83	138226	18.994	ug/l	98
40) Benzene	8.612	78	390963	19.405	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	92008	18.938	ug/l	99
42) 1,2-Dichloroethane	8.677	62	134890	19.594	ug/l	100
43) Isopropyl Acetate	8.694	43	278987	19.951	ug/l	100
44) Trichloroethene	9.359	130	87202	18.659	ug/l	86
45) 1,2-Dichloropropane	9.630	63	106153	19.175	ug/l	99
46) Dibromomethane	9.712	93	68930	19.133	ug/l	95
47) Bromodichloromethane	9.894	83	134350	19.778	ug/l	98
48) Methyl methacrylate	9.688	41	116948	19.126	ug/l	97
49) 1,4-Dioxane	9.694	88	54582	400.677	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	945984	100.840	ug/l	99
52) Toluene	10.630	92	242942	19.261	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	145805	20.142	ug/l #	87
54) cis-1,3-Dichloropropene	10.318	75	157213	19.684	ug/l	94
55) 1,1,2-Trichloroethane	11.024	97	102405	19.561	ug/l	93
56) Ethyl methacrylate	10.877	69	162966	20.143	ug/l	97
57) 1,3-Dichloropropane	11.165	76	175308	19.161	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	358094	105.035	ug/l	99
59) 2-Hexanone	11.200	43	706744	102.395	ug/l	99
60) Dibromochloromethane	11.359	129	100355	19.583	ug/l	98
61) 1,2-Dibromoethane	11.471	107	98972	19.139	ug/l	99
64) Tetrachloroethene	11.112	164	71080	18.319	ug/l #	87
65) Chlorobenzene	11.894	112	251757	18.676	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	96227	18.880	ug/l	95
67) Ethyl Benzene	11.965	91	464925	19.969	ug/l	99
68) m/p-Xylenes	12.071	106	354125	39.480	ug/l	97
69) o-Xylene	12.400	106	179741	19.499	ug/l	100
70) Styrene	12.412	104	270518	19.531	ug/l	98
71) Bromoform	12.582	173	67555	19.359	ug/l #	95
73) Isopropylbenzene	12.694	105	451523	20.460	ug/l	100
74) N-amyl acetate	12.494	43	219475	19.884	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	161970	19.120	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	193855	32.063	ug/l	61
77) Bromobenzene	12.982	156	95507	19.798	ug/l	97
78) n-propylbenzene	13.035	91	499895	20.271	ug/l	98
79) 2-Chlorotoluene	13.129	91	276135	19.338	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	342612	19.498	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	45783	19.374	ug/l	87
82) 4-Chlorotoluene	13.129	91	276135	19.338	ug/l	98
83) tert-Butylbenzene	13.441	119	316343	20.037	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	325867	19.370	ug/l	95
85) sec-Butylbenzene	13.618	105	440851	20.629	ug/l	99
86) p-Isopropyltoluene	13.729	119	334189	20.191	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	153869	18.127	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	153874	18.366	ug/l	98
89) n-Butylbenzene	14.059	91	264447	19.289	ug/l	98
90) Hexachloroethane	14.335	117	64741	17.791	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	153082	18.769	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.718	75	26430	18.218	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	74869	18.959	ug/l	98
94) Hexachlorobutadiene	15.500	225	37641	17.921	ug/l	96
95) Naphthalene	15.641	128	292400	18.973	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	79663	18.460	ug/l	96

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QLast Update : Thu Oct 20 05:43:46 2022
Response via : Initial Calibration

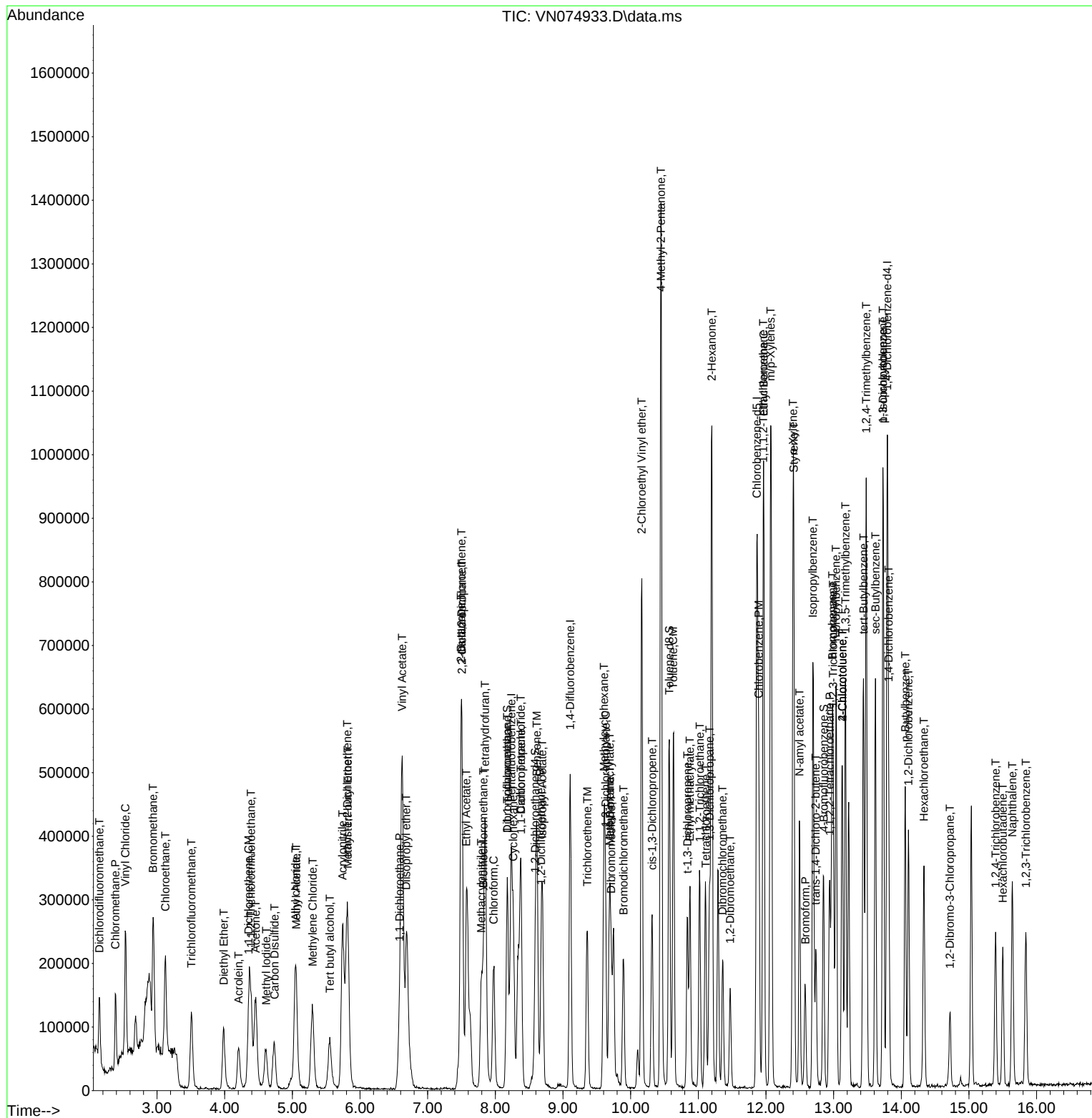
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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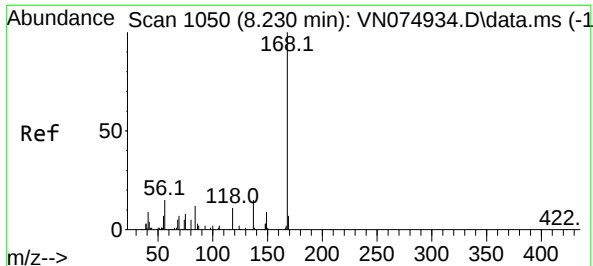
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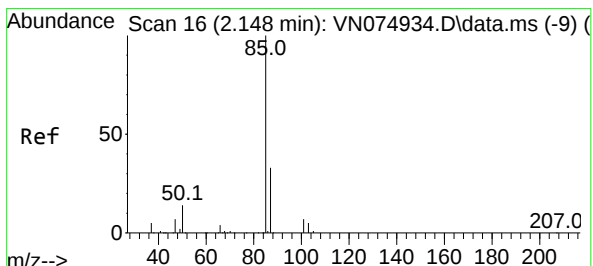
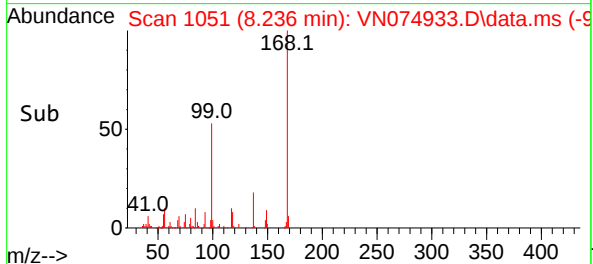
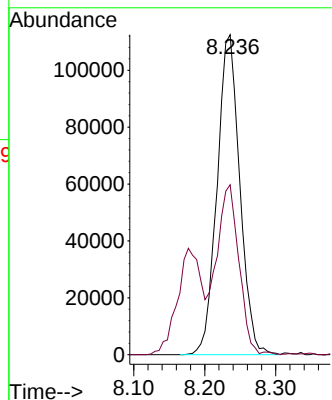
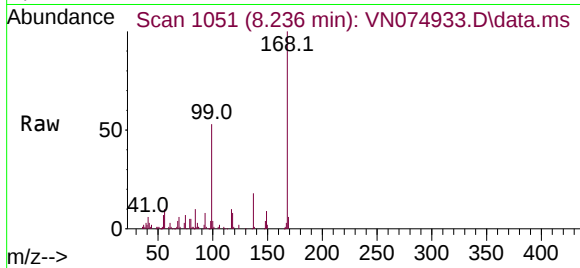




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VN074933.D
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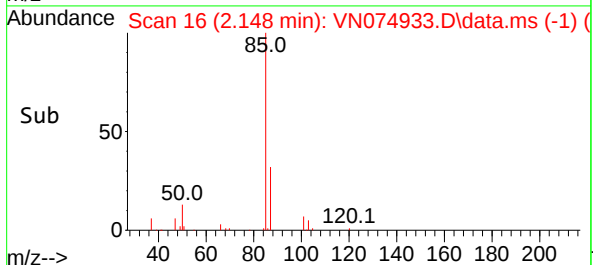
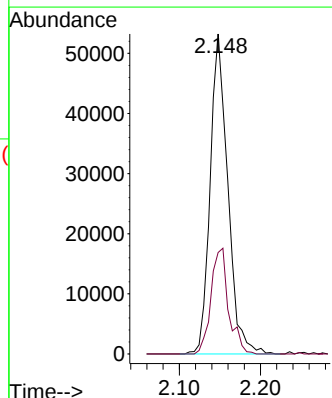
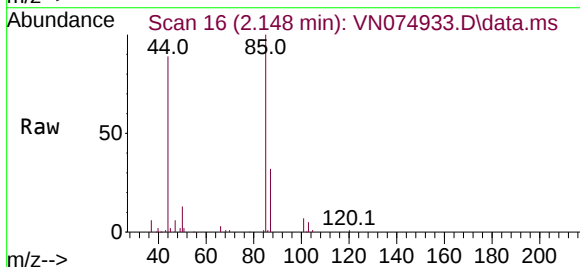
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

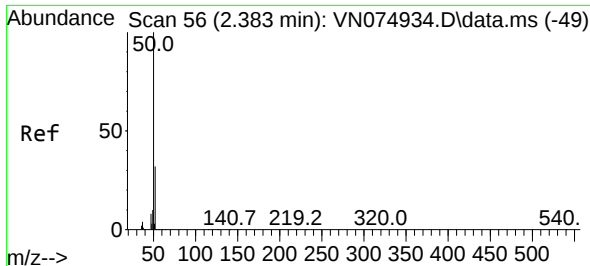
Tgt Ion:168 Resp: 249568
Ion Ratio Lower Upper
168 100
99 52.9 39.9 59.9



#2
Dichlorodifluoromethane
Concen: 18.590 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 85 Resp: 80263
Ion Ratio Lower Upper
85 100
87 31.7 16.4 49.4

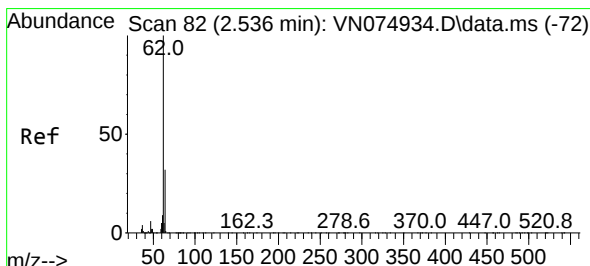
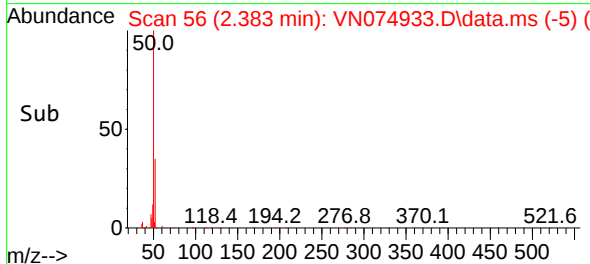
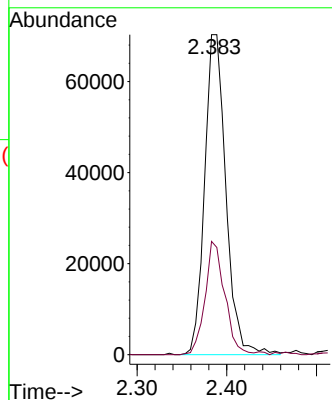
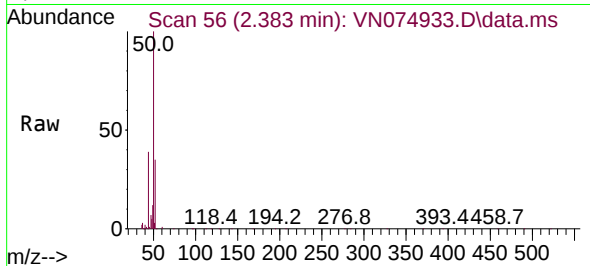




#3
Chloromethane
Concen: 17.777 ug/l
RT: 2.383 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

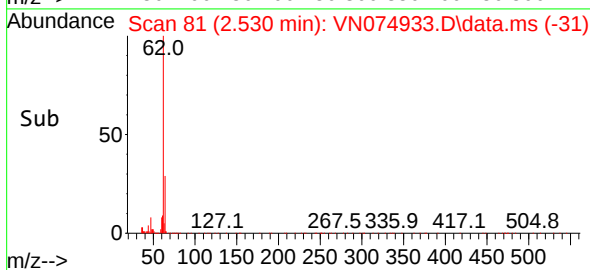
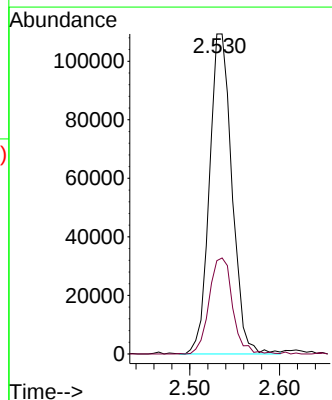
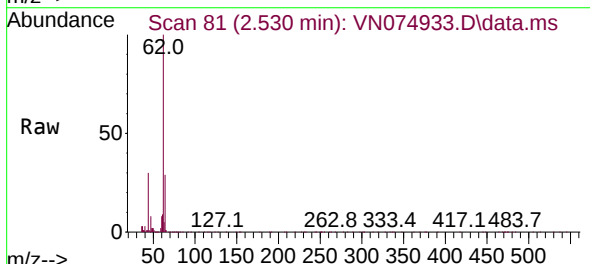
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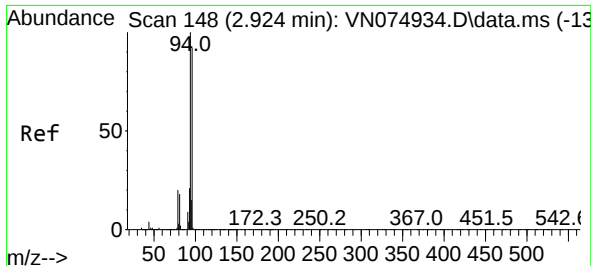
Tgt Ion: 50 Resp: 115938
Ion Ratio Lower Upper
50 100
52 35.4 26.0 39.0



#4
Vinyl Chloride
Concen: 18.380 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 62 Resp: 190621
Ion Ratio Lower Upper
62 100
64 29.0 25.4 38.2

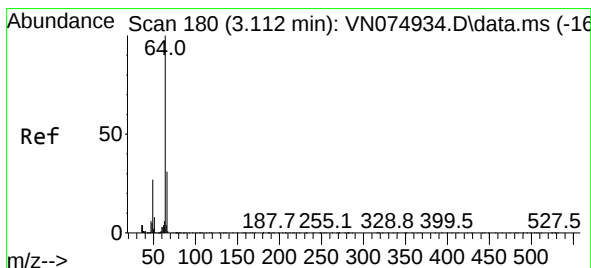
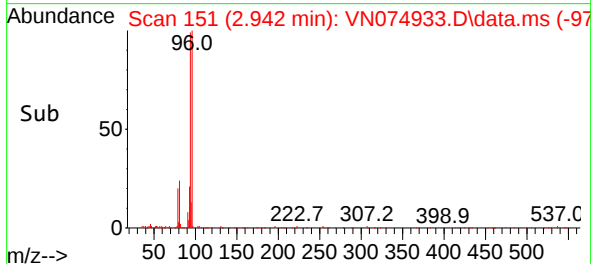
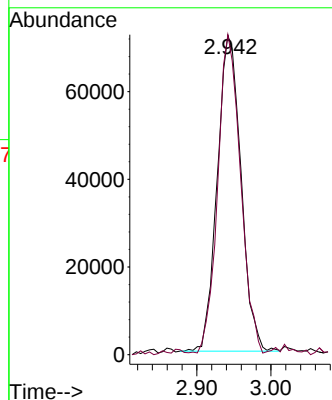
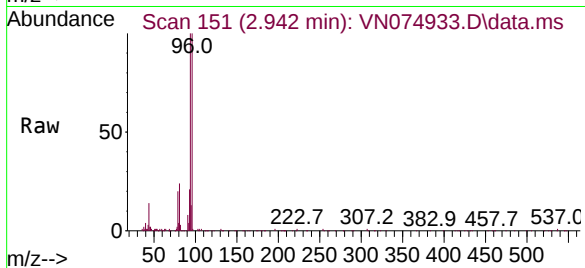




#5
Bromomethane
Concen: 15.283 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN074933.D
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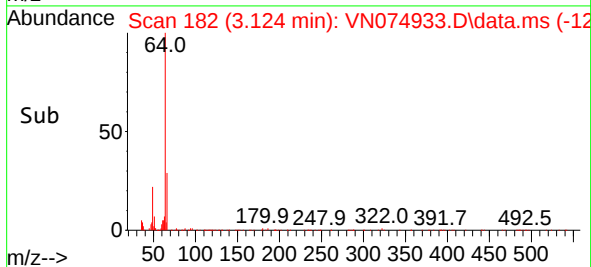
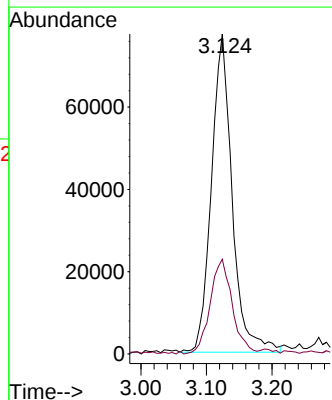
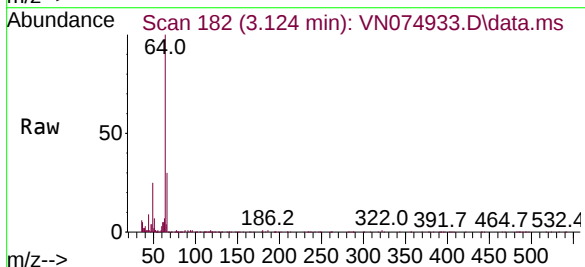
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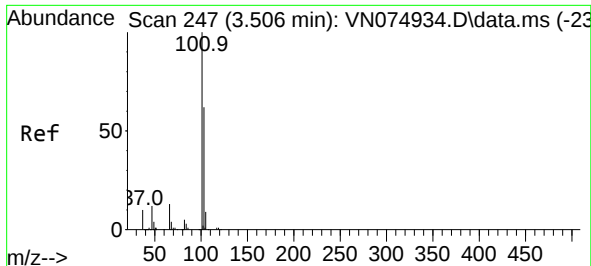
Tgt Ion: 94 Resp: 159993
Ion Ratio Lower Upper
94 100
96 100.4 73.8 110.6



#6
Chloroethane
Concen: 16.584 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.012 min
Lab File: VN074933.D
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Tgt Ion: 64 Resp: 170117
Ion Ratio Lower Upper
64 100
66 29.5 24.9 37.3

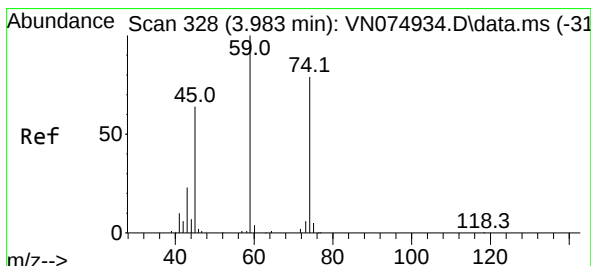
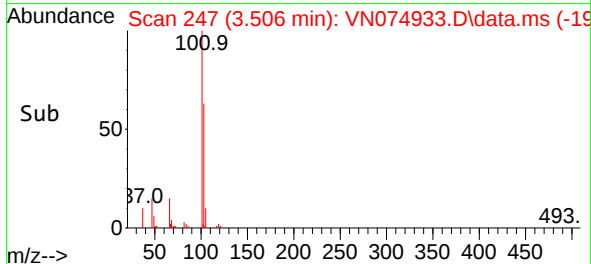
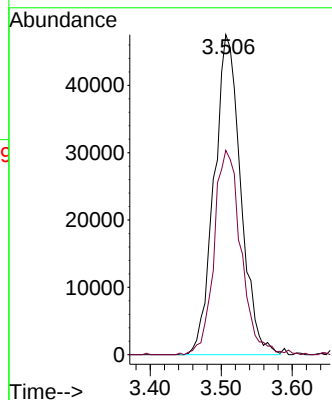
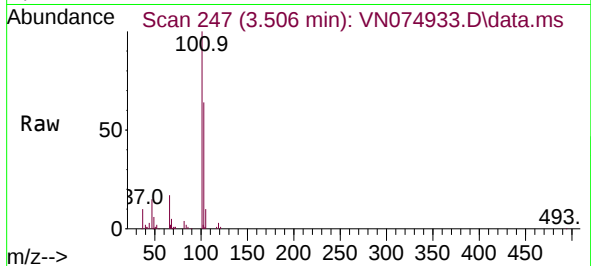




#7
 Trichlorofluoromethane
 Concen: 18.142 ug/l
 RT: 3.506 min Scan# 247
 Delta R.T. 0.000 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

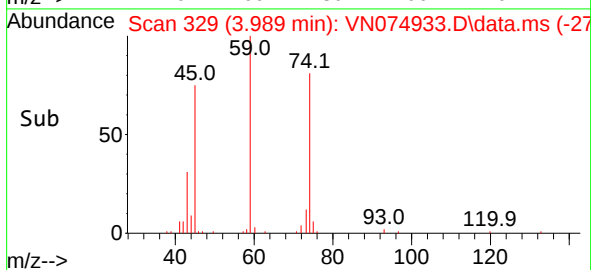
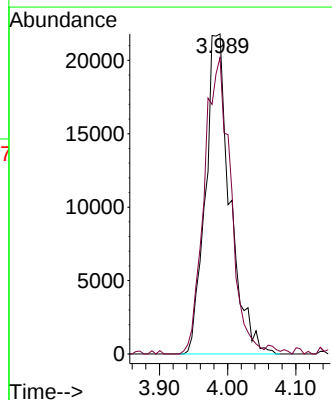
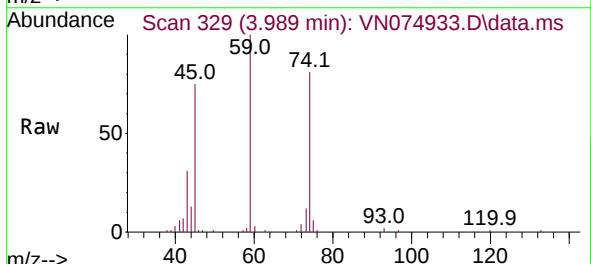
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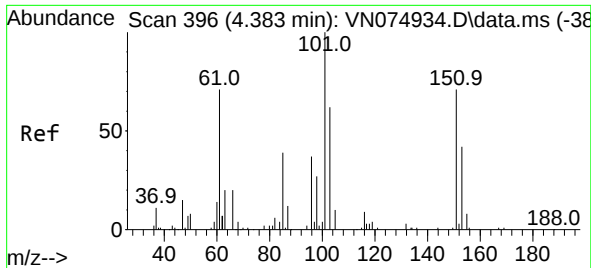
Tgt Ion:101 Resp: 123593
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.5 74.3



#8
 Diethyl Ether
 Concen: 17.557 ug/l
 RT: 3.989 min Scan# 329
 Delta R.T. 0.006 min
 Lab File: VN074933.D
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Tgt Ion: 74 Resp: 54830
 Ion Ratio Lower Upper
 74 100
 45 99.2 46.8 140.3

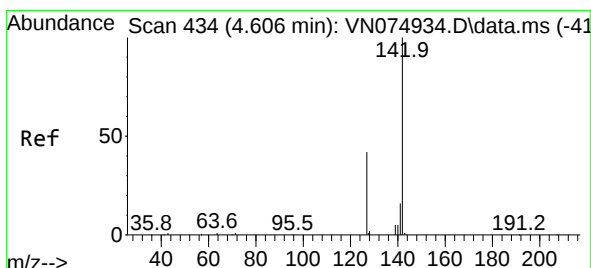
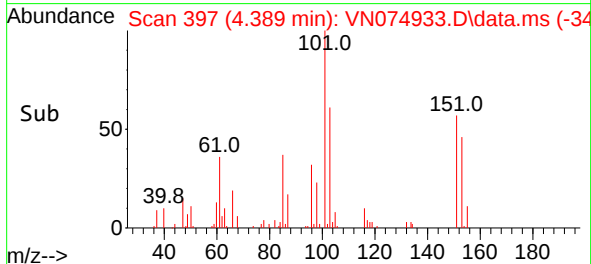
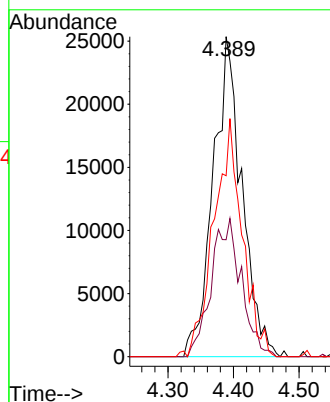
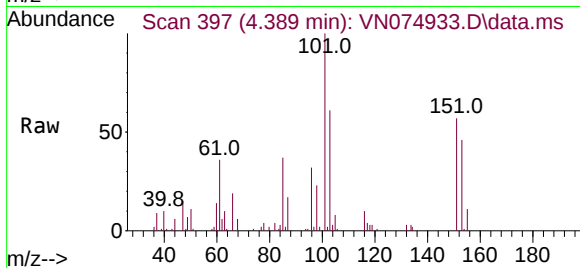




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.090 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

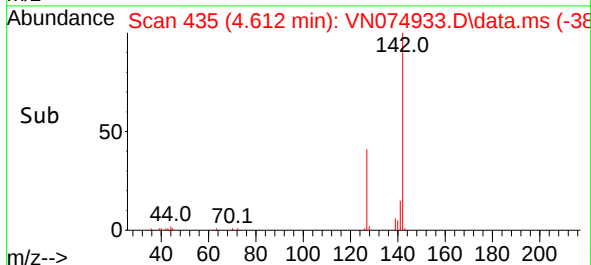
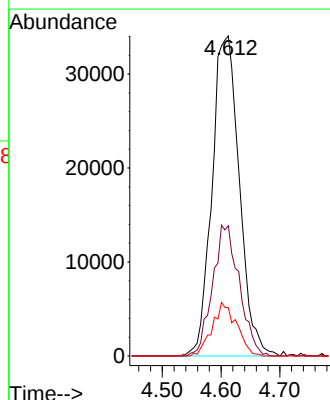
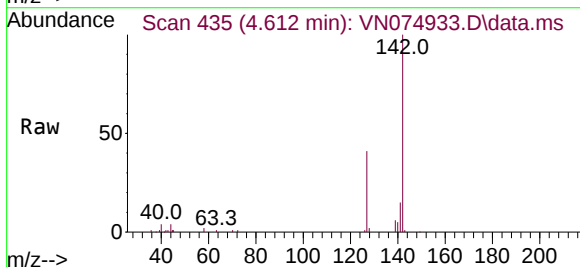
Instrument :
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ClientSampleId :
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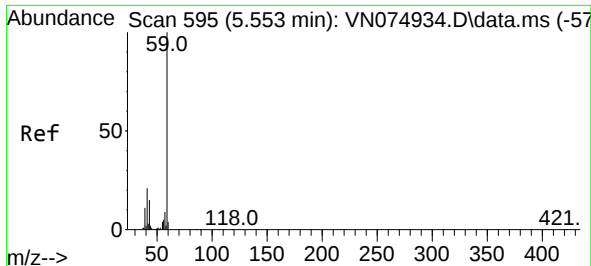
Tgt Ion:101 Resp: 77163
Ion Ratio Lower Upper
101 100
85 44.9 37.4 56.0
151 73.1 58.0 87.0



#10
Methyl Iodide
Concen: 19.346 ug/l
RT: 4.612 min Scan# 435
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion:142 Resp: 109993
Ion Ratio Lower Upper
142 100
127 40.0 35.3 52.9
141 15.0 12.3 18.5

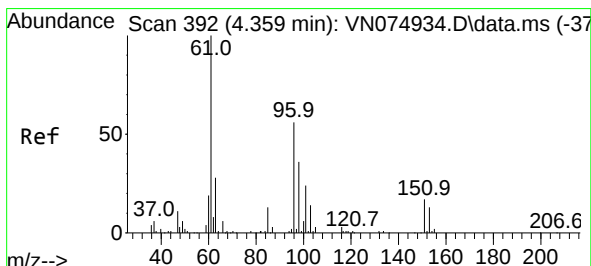
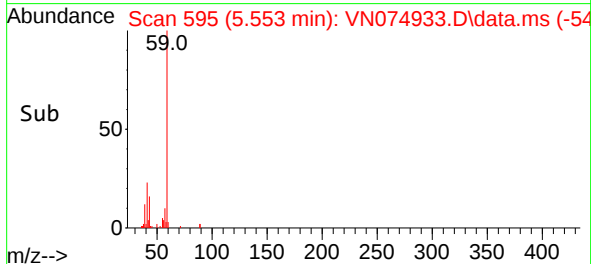
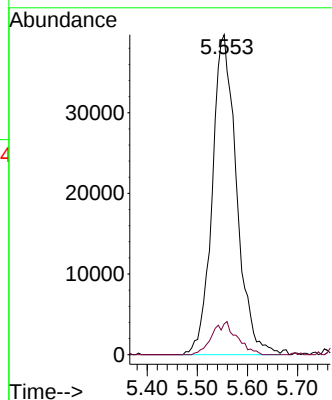
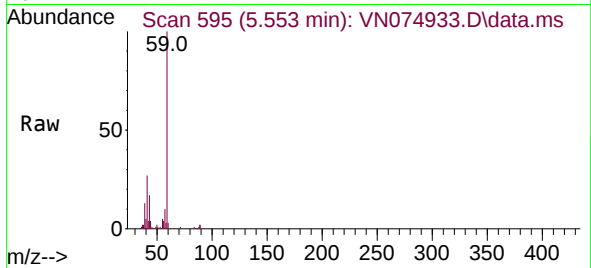




#11
Tert butyl alcohol
Concen: 95.936 ug/l
RT: 5.553 min Scan# 595
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

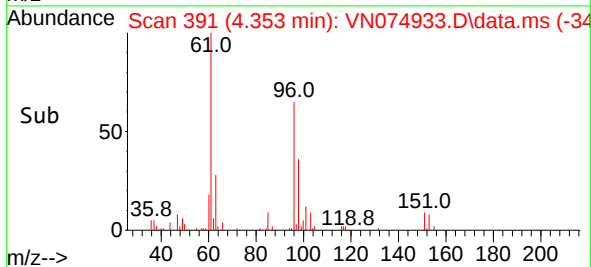
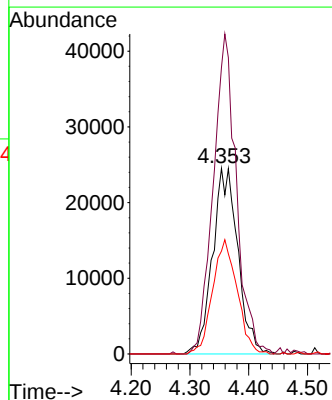
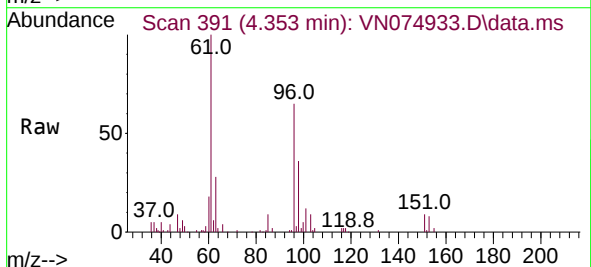
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

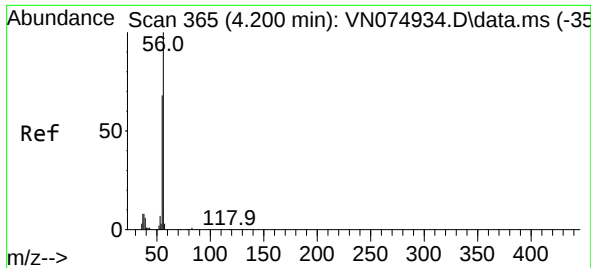
Tgt Ion: 59 Resp: 133933
Ion Ratio Lower Upper
59 100
57 10.6 8.6 13.0



#12
1,1-Dichloroethene
Concen: 18.752 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 96 Resp: 73137
Ion Ratio Lower Upper
96 100
61 154.4 142.9 214.3
98 55.4 51.8 77.6

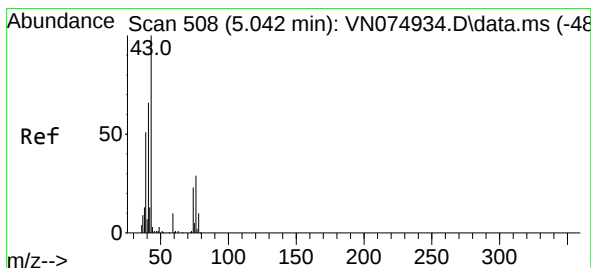
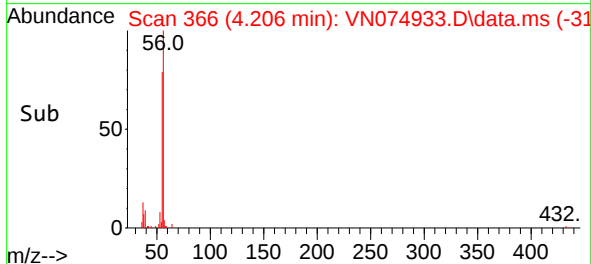
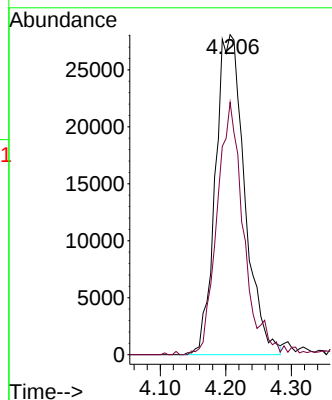
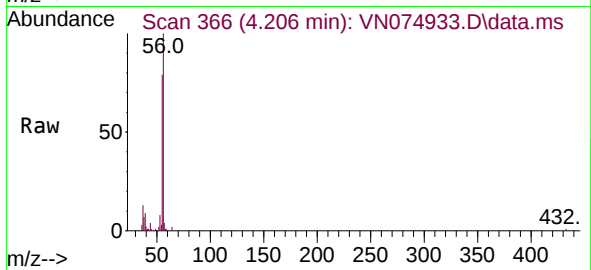




#13
Acrolein
Concen: 85.163 ug/l
RT: 4.206 min Scan# 365
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

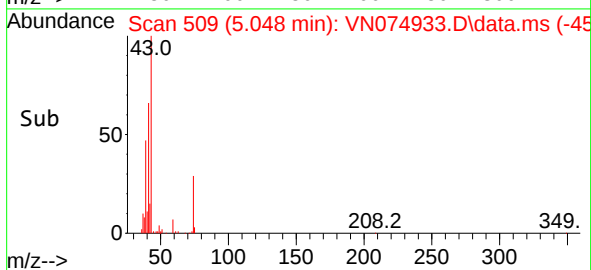
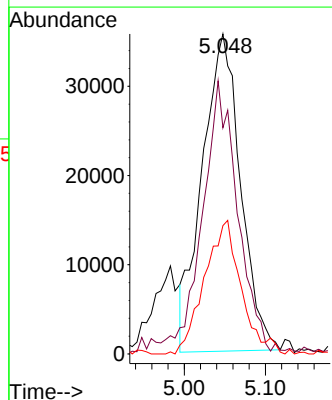
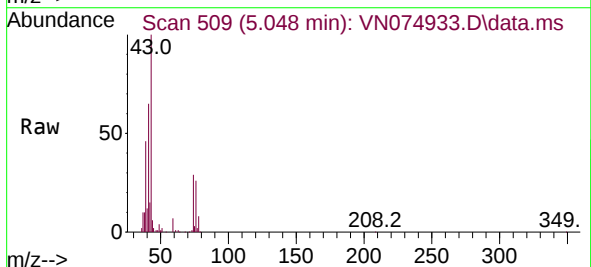
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

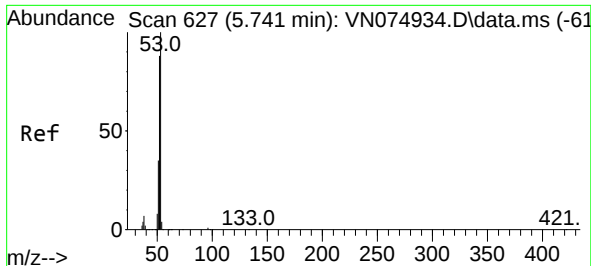
Tgt Ion: 56 Resp: 87054
Ion Ratio Lower Upper
56 100
55 71.4 57.0 85.6



#14
Allyl chloride
Concen: 15.371 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 41 Resp: 116792
Ion Ratio Lower Upper
41 100
39 81.3 56.9 85.3
76 40.0 29.0 43.6

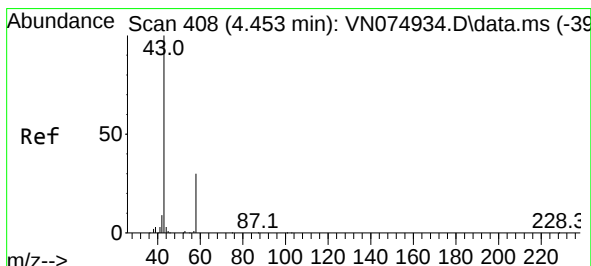
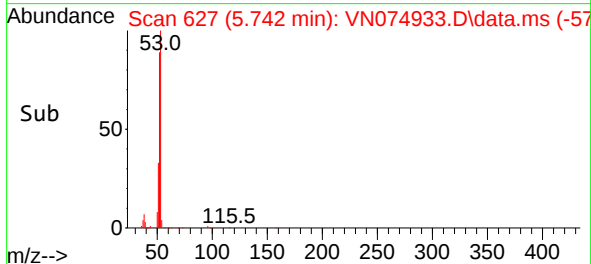
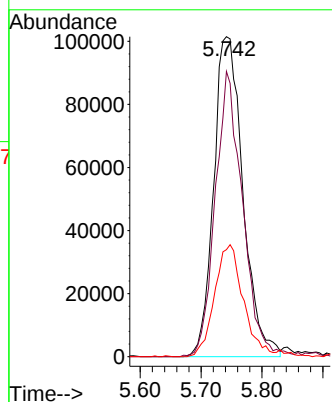
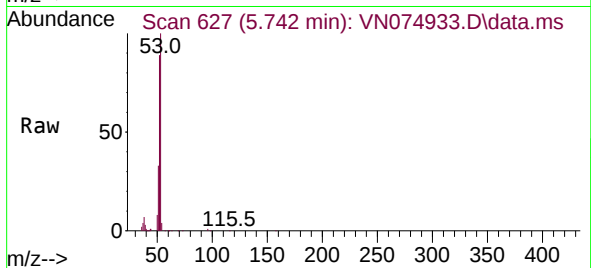




#15
Acrylonitrile
Concen: 97.156 ug/l
RT: 5.742 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

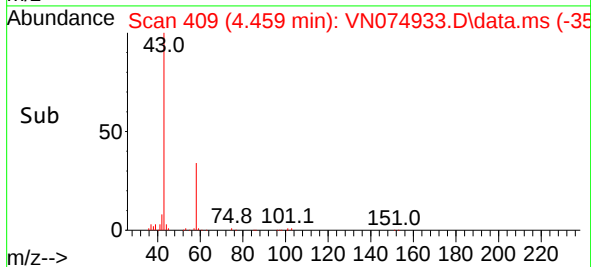
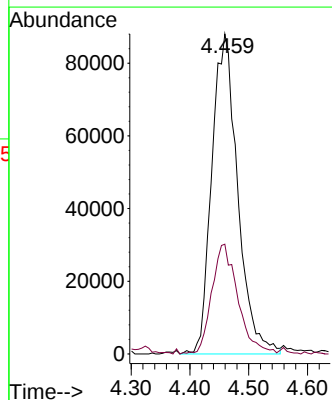
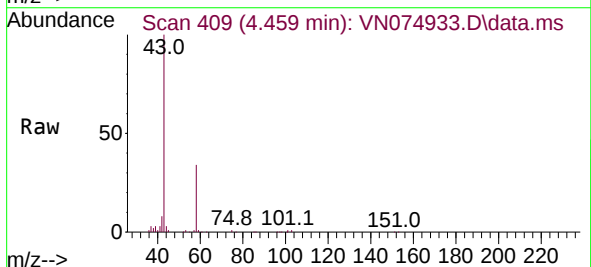
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

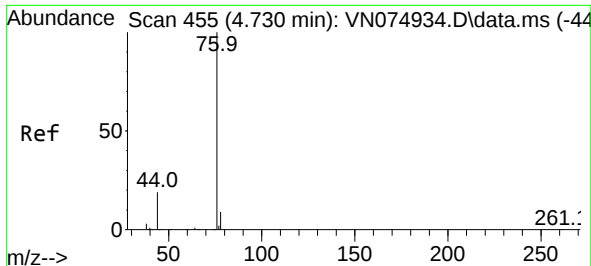
Tgt Ion: 53 Resp: 338347
Ion Ratio Lower Upper
53 100
52 83.2 66.5 99.7
51 34.3 29.2 43.8



#16
Acetone
Concen: 89.389 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 43 Resp: 269146
Ion Ratio Lower Upper
43 100
58 34.3 24.5 36.7

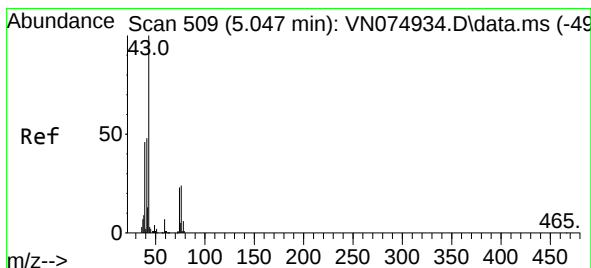
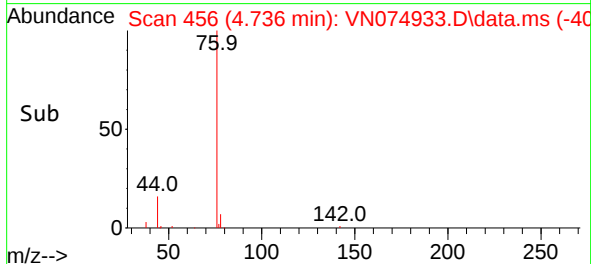
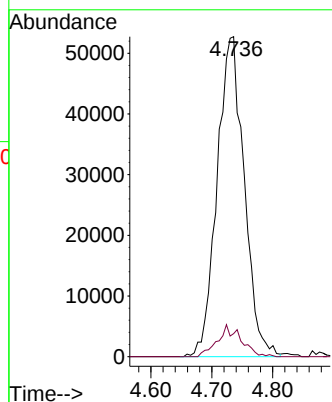
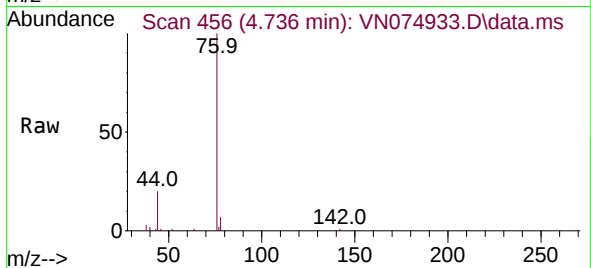




#17
Carbon Disulfide
Concen: 17.999 ug/l
RT: 4.736 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

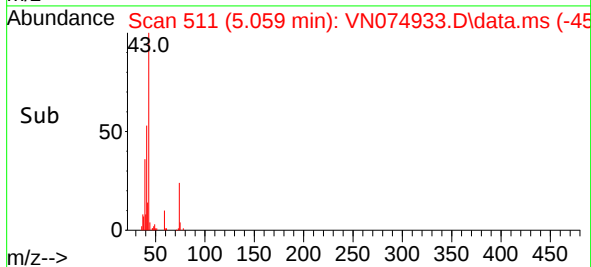
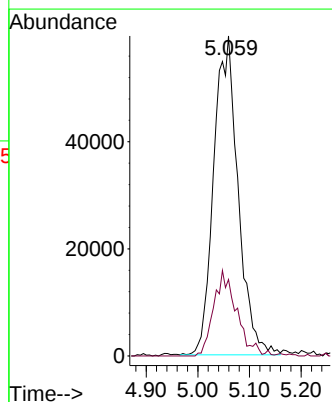
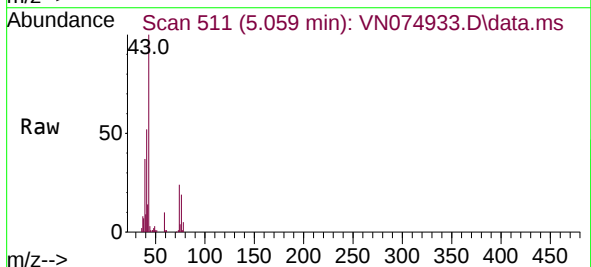
Instrument :
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ClientSampleId :
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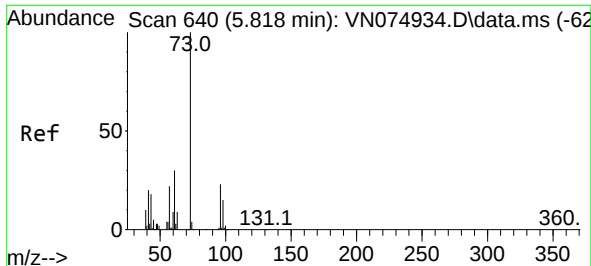
Tgt Ion: 76 Resp: 163152
Ion Ratio Lower Upper
76 100
78 7.2 7.2 10.8



#18
Methyl Acetate
Concen: 18.240 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 43 Resp: 194771
Ion Ratio Lower Upper
43 100
74 25.1 18.4 27.6

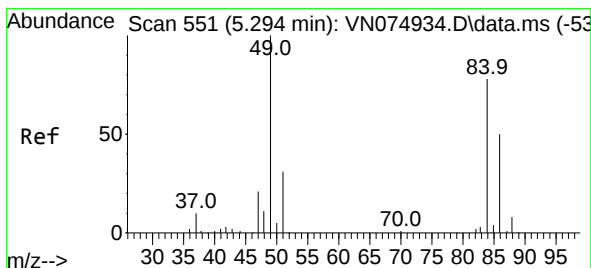
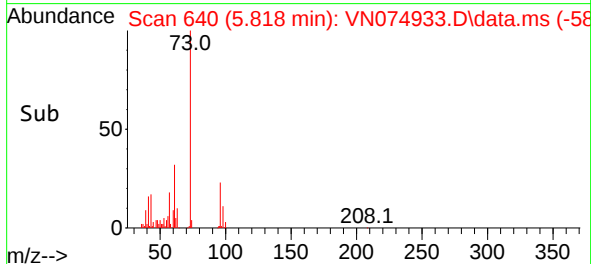
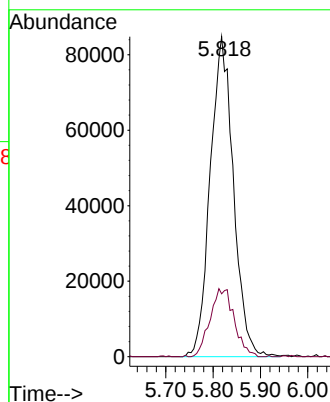
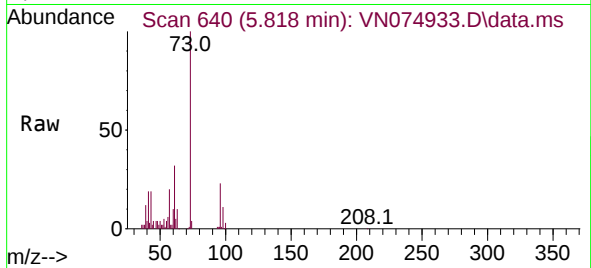




#19
Methyl tert-butyl Ether
Concen: 18.922 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

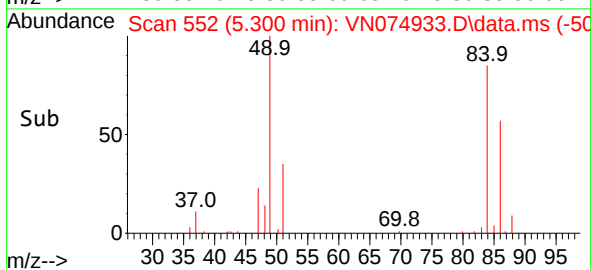
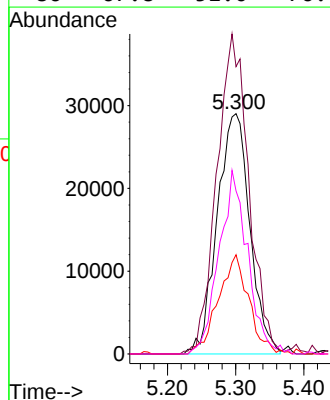
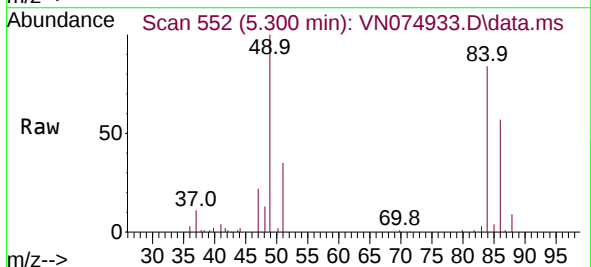
Instrument :
MSVOA_N
ClientSampleId :
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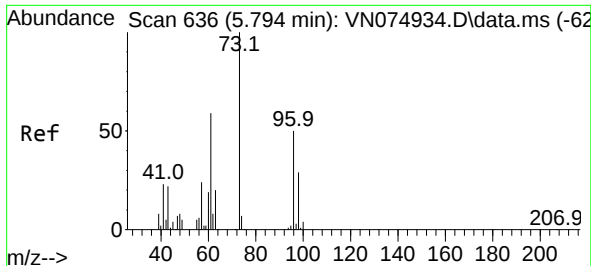
Tgt Ion: 73 Resp: 288146
Ion Ratio Lower Upper
73 100
57 19.7 17.7 26.5



#20
Methylene Chloride
Concen: 16.145 ug/l
RT: 5.300 min Scan# 552
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 84 Resp: 96555
Ion Ratio Lower Upper
84 100
49 119.5 102.1 153.1
51 41.3 32.1 48.1
86 67.8 51.0 76.6

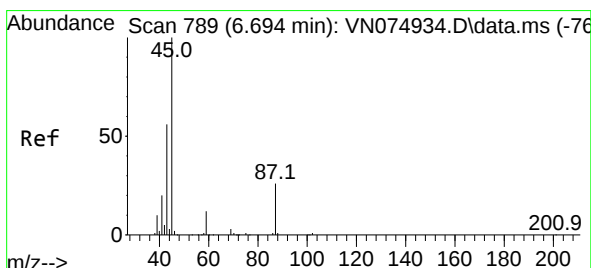
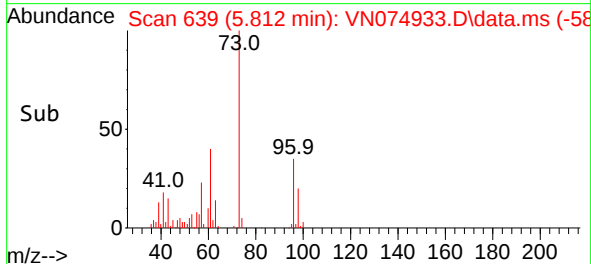
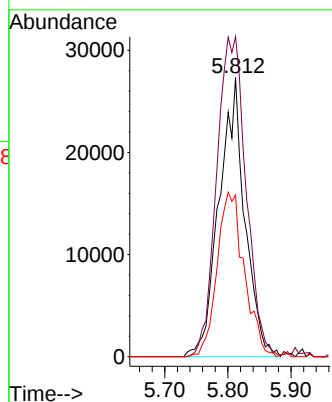
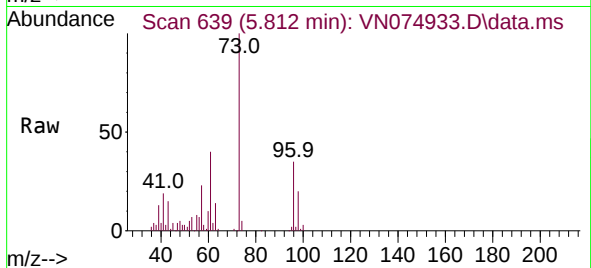




#21
trans-1,2-Dichloroethene
Concen: 17.841 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

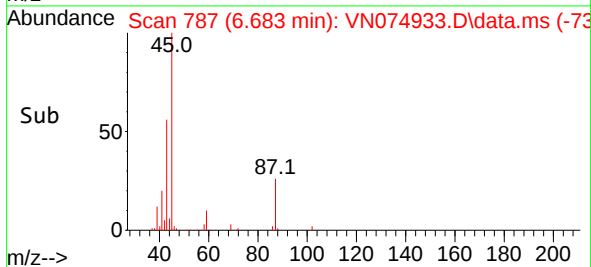
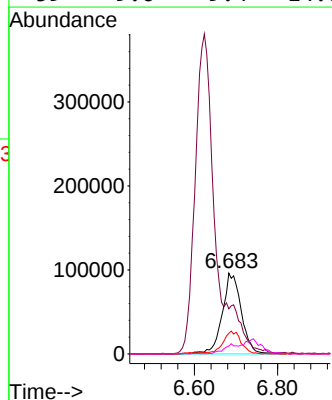
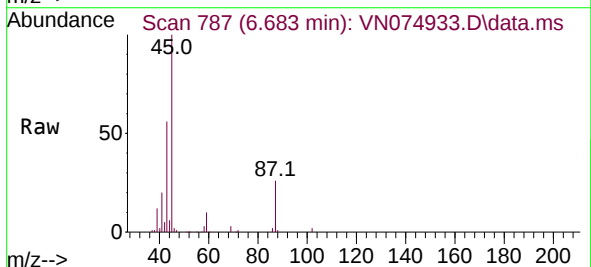
Instrument :
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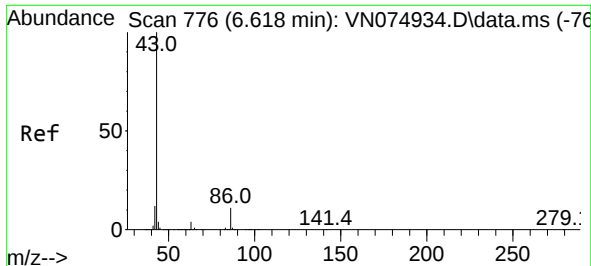
Tgt Ion: 96 Resp: 77539
Ion Ratio Lower Upper
96 100
61 114.7 95.8 143.8
98 58.0 47.4 71.0



#22
Diisopropyl ether
Concen: 18.480 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.012 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 45 Resp: 304849
Ion Ratio Lower Upper
45 100
43 54.2 44.5 66.7
87 25.6 20.8 31.2
59 9.6 9.4 14.0

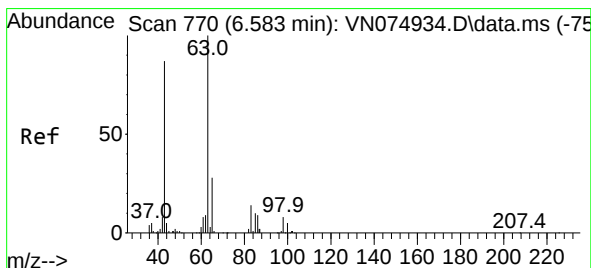
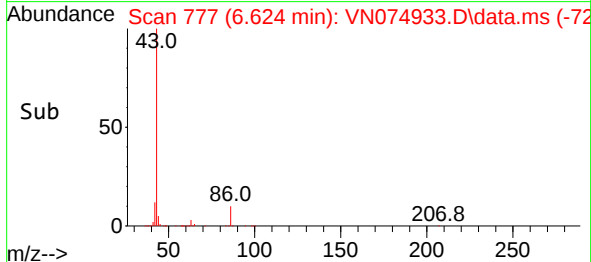
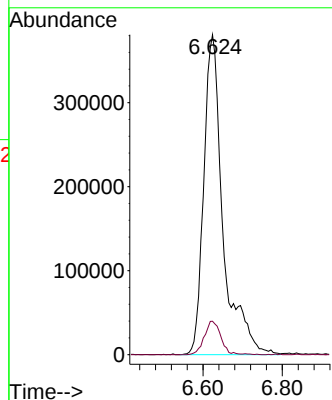
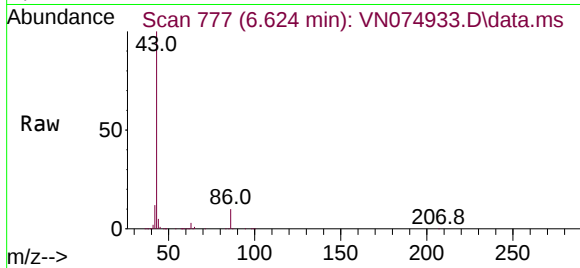




#23
 Vinyl Acetate
 Concen: 103.129 ug/l
 RT: 6.624 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

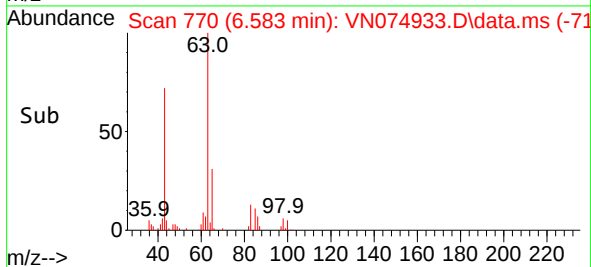
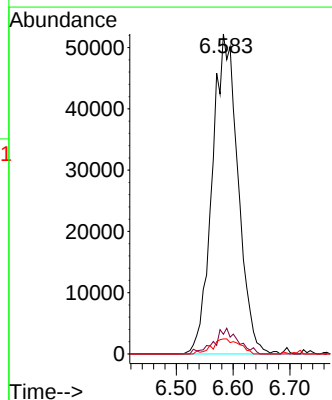
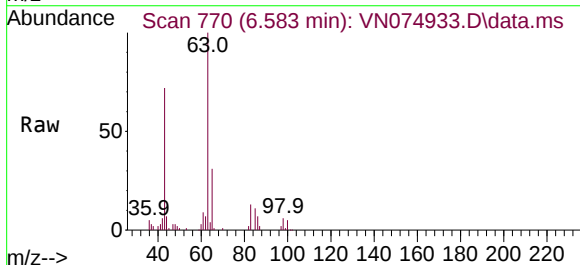
Instrument :
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 VSTDIC020

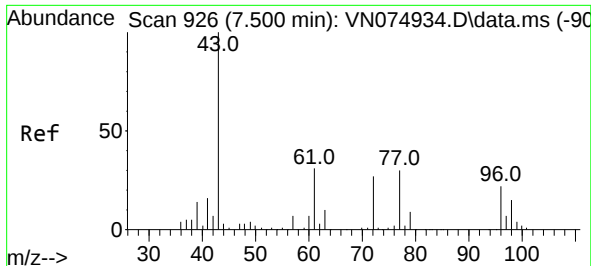
Tgt Ion: 43 Resp: 1287582
 Ion Ratio Lower Upper
 43 100
 86 10.5 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 18.016 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

Tgt Ion: 63 Resp: 164576
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.5
 100 4.7 2.6 7.8

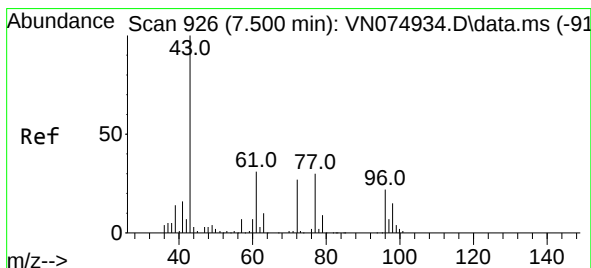
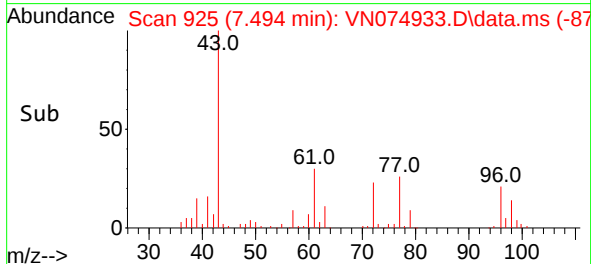
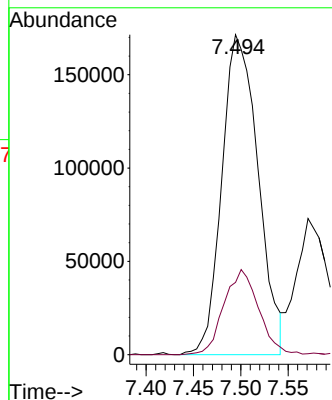
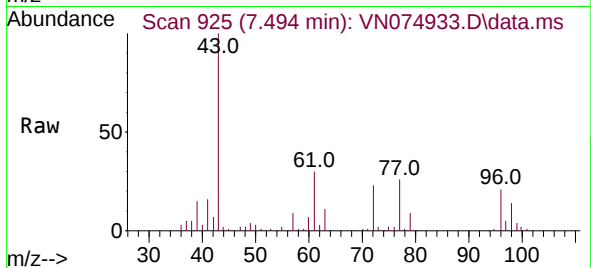




#25
2-Butanone
Concen: 93.354 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

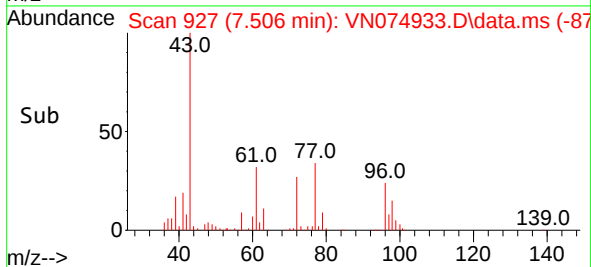
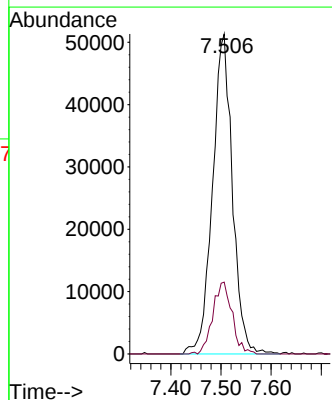
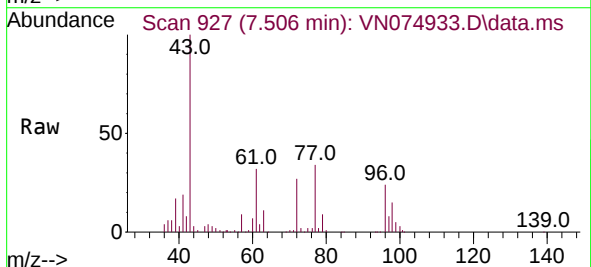
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

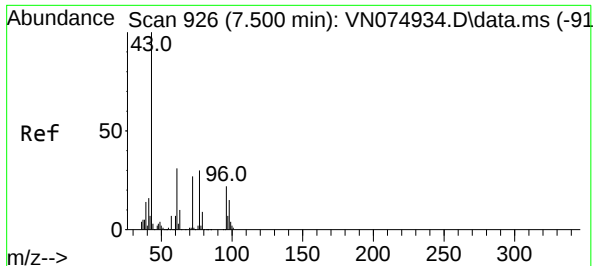
Tgt Ion: 43 Resp: 456497
Ion Ratio Lower Upper
43 100
72 22.6 21.6 32.4



#26
2,2-Dichloropropane
Concen: 18.627 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 77 Resp: 141532
Ion Ratio Lower Upper
77 100
97 21.8 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 17.793 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

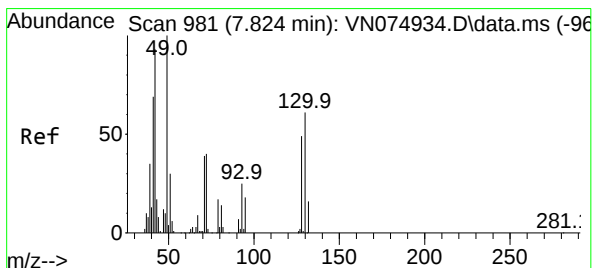
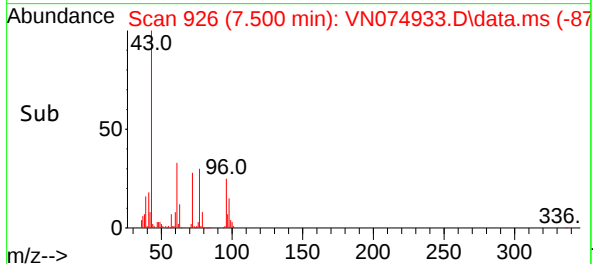
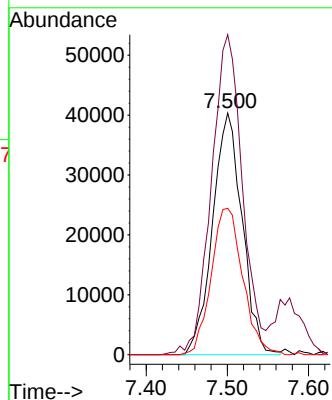
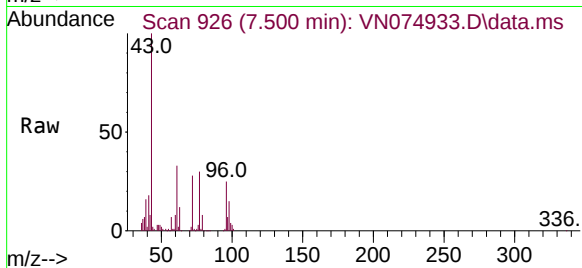
Tgt Ion: 96 Resp: 102140

Ion Ratio Lower Upper

96 100

61 139.1 0.0 274.0

98 64.8 0.0 126.8



#28

Bromochloromethane

Concen: 21.305 ug/l

RT: 7.824 min Scan# 981

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

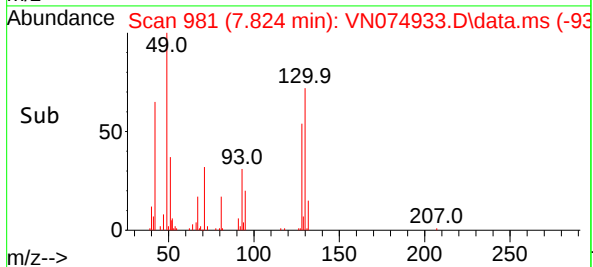
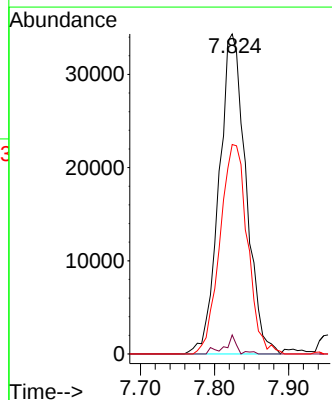
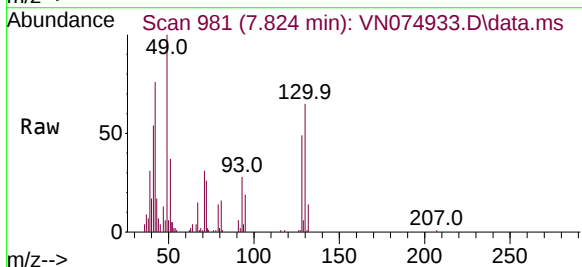
Tgt Ion: 49 Resp: 86470

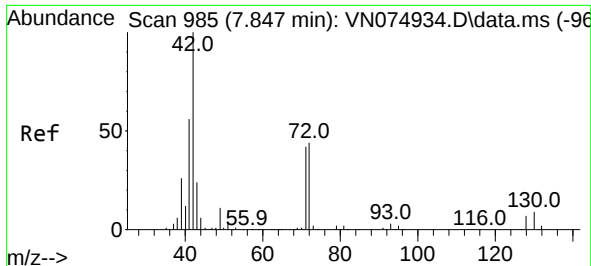
Ion Ratio Lower Upper

49 100

129 2.6 0.0 3.2

130 67.0 54.7 82.1





#29

Tetrahydrofuran

Concen: 94.862 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

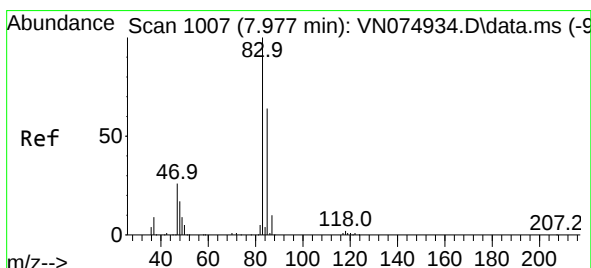
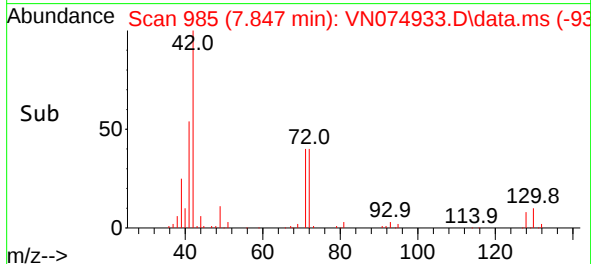
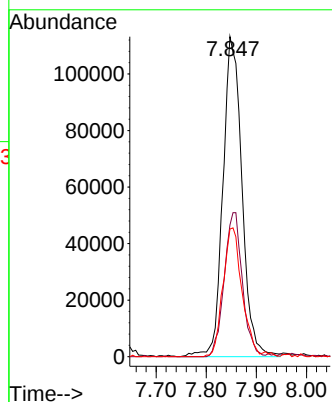
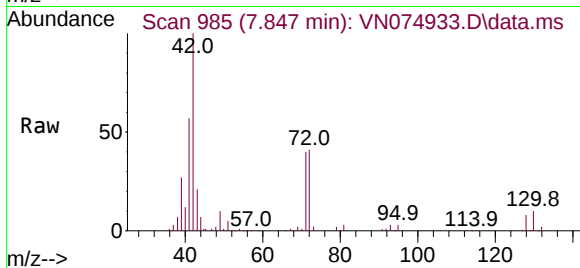
Tgt Ion: 42 Resp: 298996

Ion Ratio Lower Upper

42 100

72 42.8 35.3 52.9

71 40.1 32.2 48.4



#30

Chloroform

Concen: 18.802 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VN074933.D

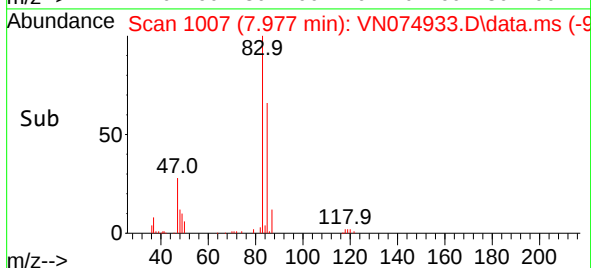
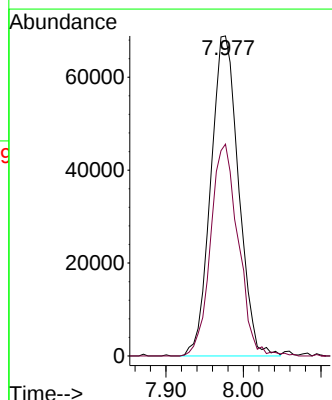
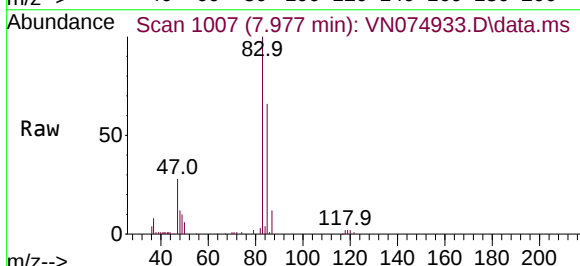
Acq: 19 Oct 2022 16:08

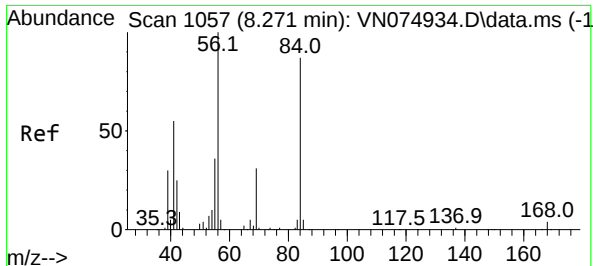
Tgt Ion: 83 Resp: 171797

Ion Ratio Lower Upper

83 100

85 66.2 51.4 77.2

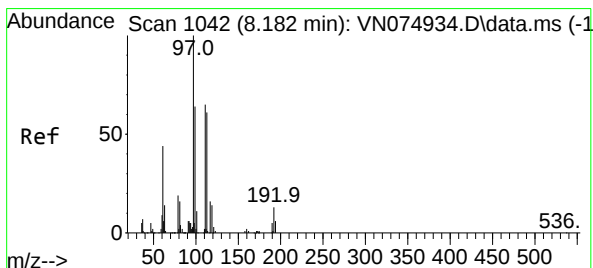
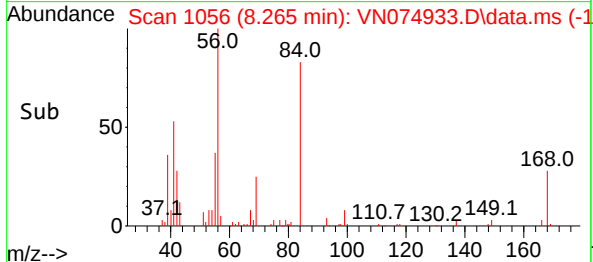
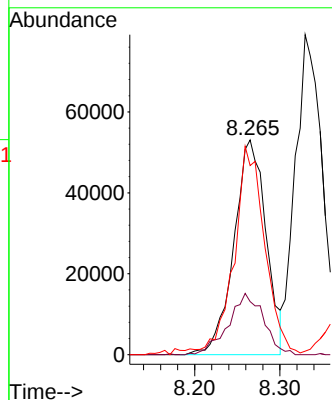
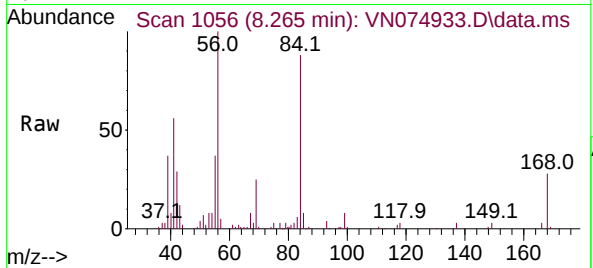




#31
Cyclohexane
Concen: 18.353 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

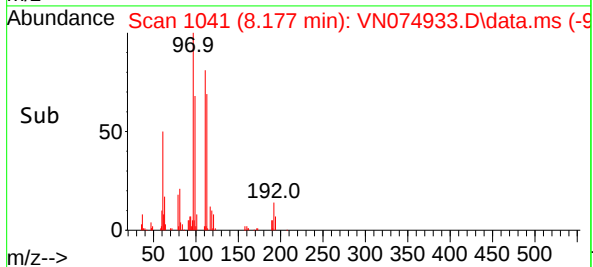
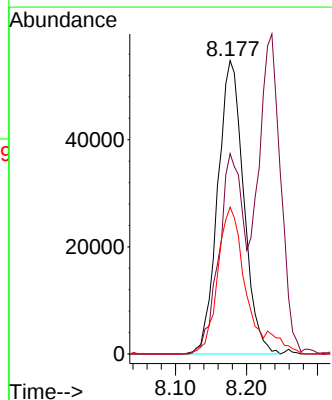
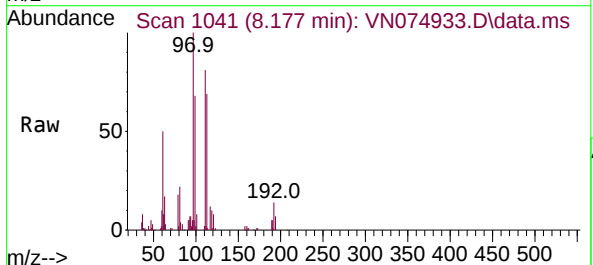
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

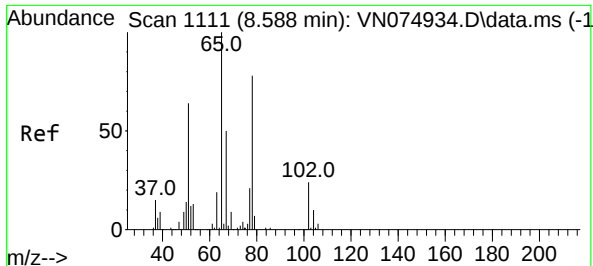
Tgt Ion: 56 Resp: 139302
Ion Ratio Lower Upper
56 100
69 24.8 24.9 37.3#
84 86.1 69.8 104.8



#32
1,1,1-Trichloroethane
Concen: 17.951 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 97 Resp: 138861
Ion Ratio Lower Upper
97 100
99 63.2 50.6 76.0
61 50.9 39.1 58.7





#33

1,2-Dichloroethane-d4

Concen: 18.731 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

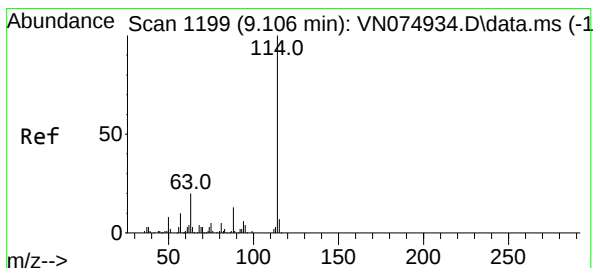
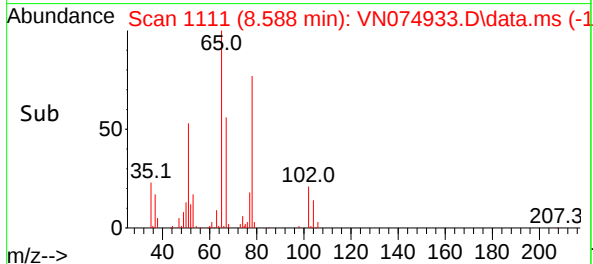
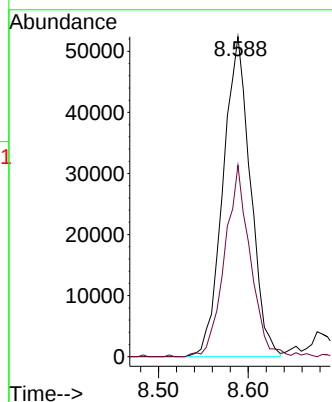
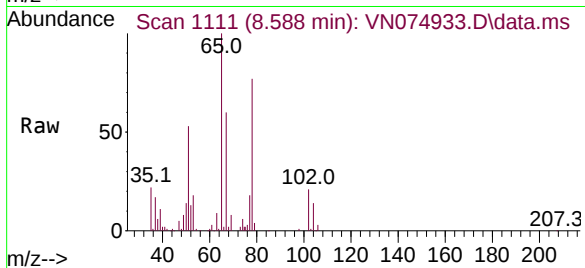
VSTDIC020

Tgt Ion: 65 Resp: 110953

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

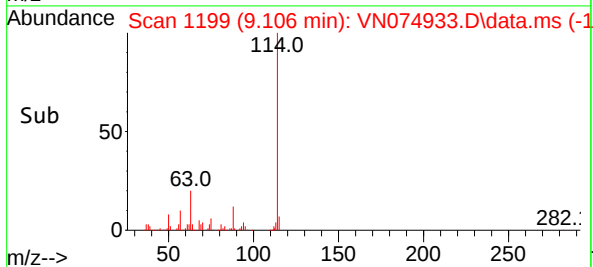
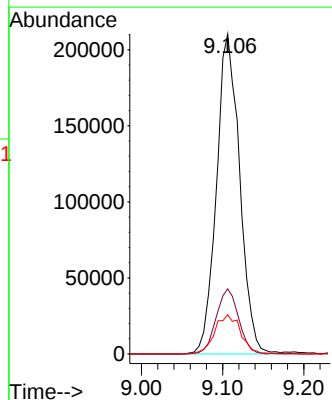
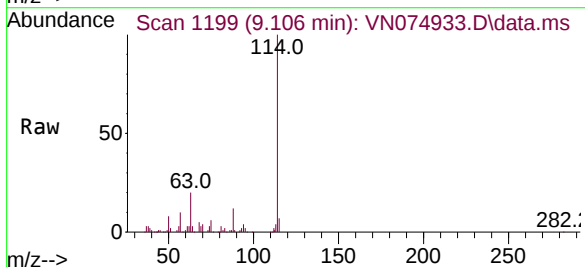
Tgt Ion: 114 Resp: 418328

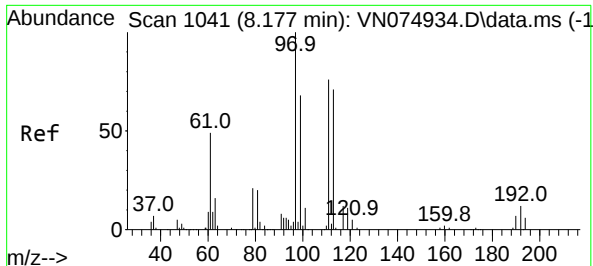
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.4

88 12.2 0.0 26.6





#35

Dibromofluoromethane

Concen: 20.338 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

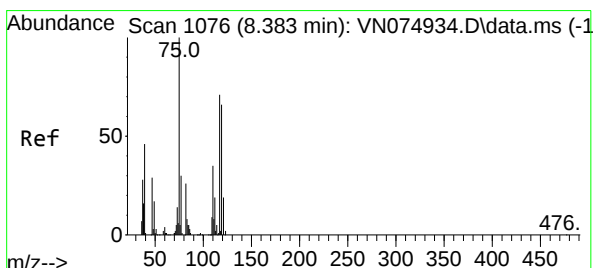
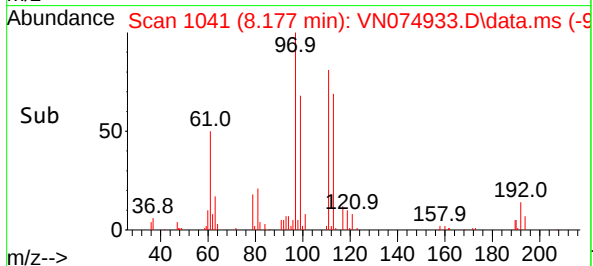
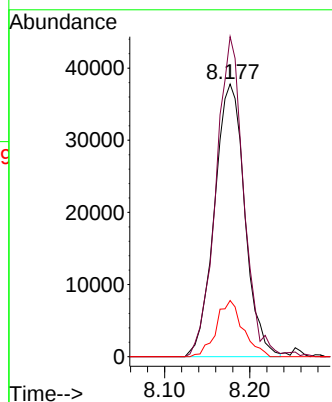
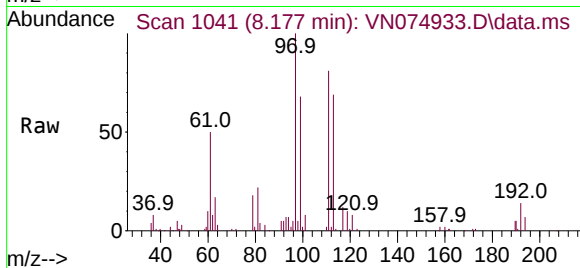
Tgt Ion:113 Resp: 93316

Ion Ratio Lower Upper

113 100

111 107.3 83.8 125.8

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 18.400 ug/l

RT: 8.383 min Scan# 1076

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

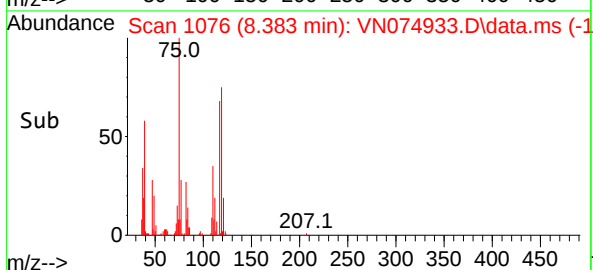
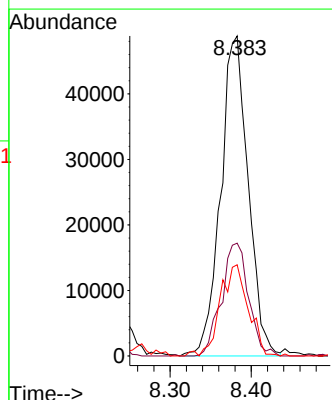
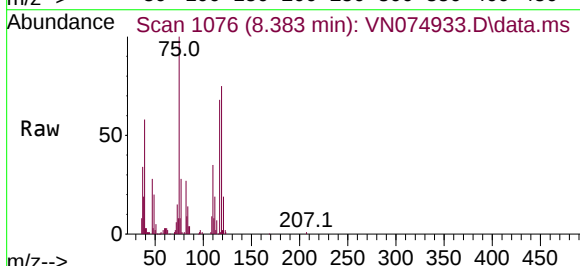
Tgt Ion: 75 Resp: 115231

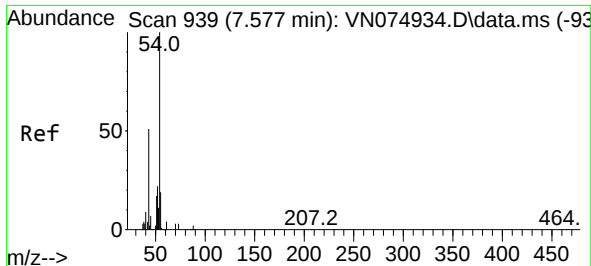
Ion Ratio Lower Upper

75 100

110 34.8 18.1 54.1

77 29.1 25.1 37.7





#37

Ethyl Acetate

Concen: 19.477 ug/l

RT: 7.571 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

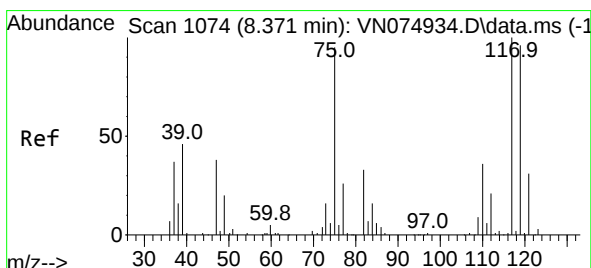
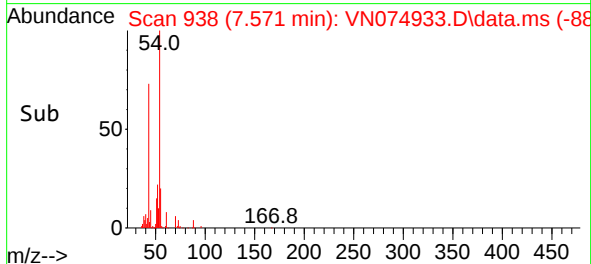
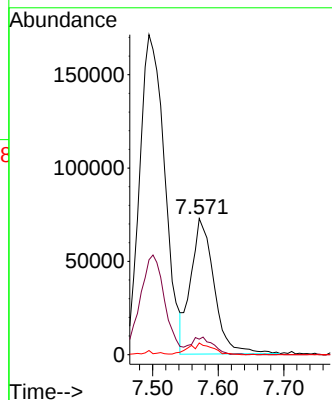
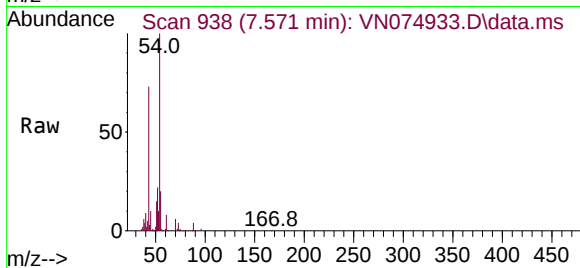
Tgt Ion: 43 Resp: 180315

Ion Ratio Lower Upper

43 100

61 11.4 10.3 15.5

70 8.6 5.9 8.9



#38

Carbon Tetrachloride

Concen: 18.673 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

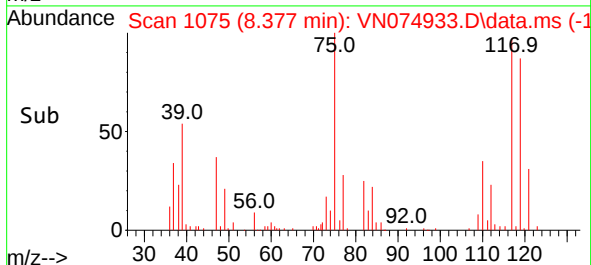
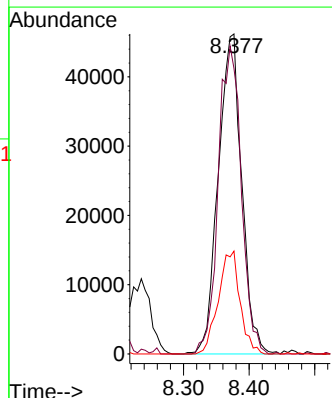
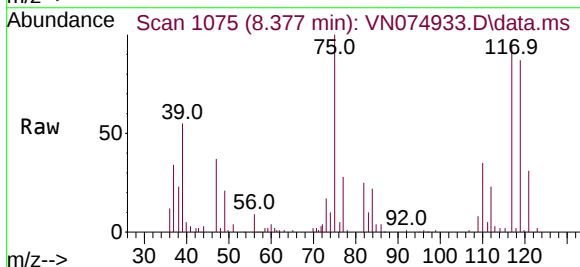
Tgt Ion: 117 Resp: 114654

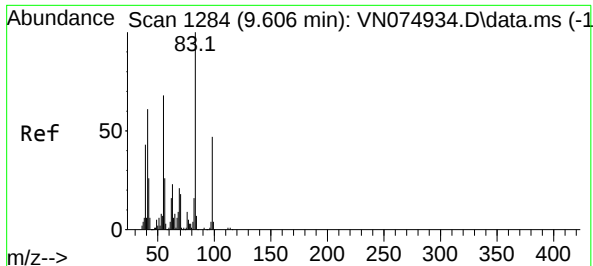
Ion Ratio Lower Upper

117 100

119 89.2 76.8 115.2

121 32.1 24.7 37.1





#39

Methylcyclohexane

Concen: 18.994 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

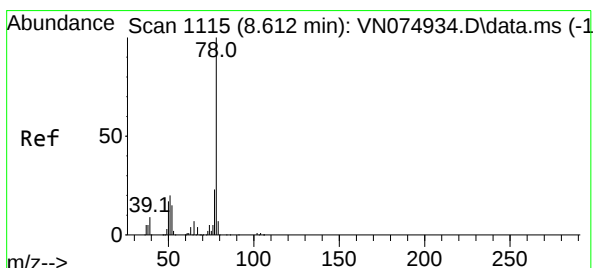
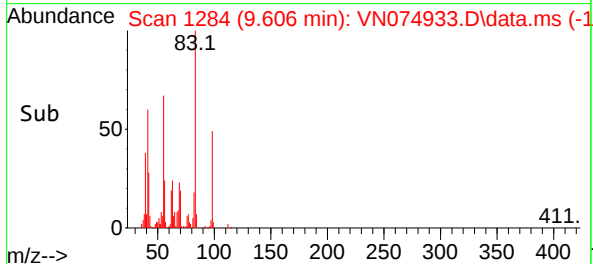
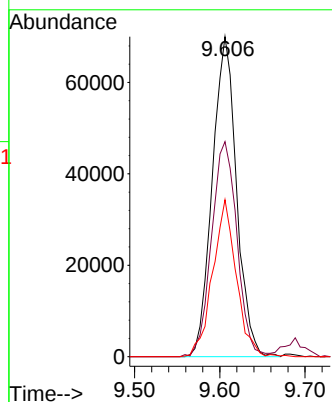
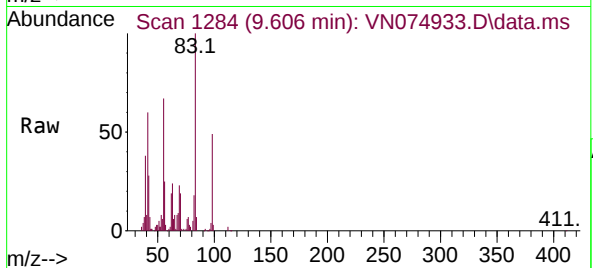
Tgt Ion: 83 Resp: 138226

Ion Ratio Lower Upper

83 100

55 67.2 54.6 82.0

98 49.1 37.6 56.4



#40

Benzene

Concen: 19.405 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN074933.D

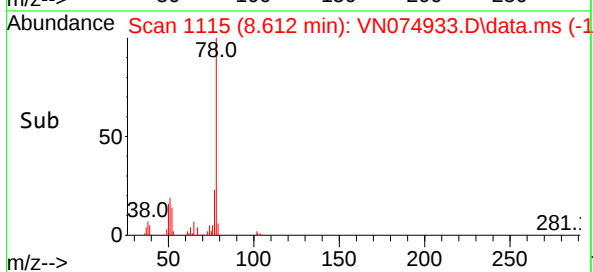
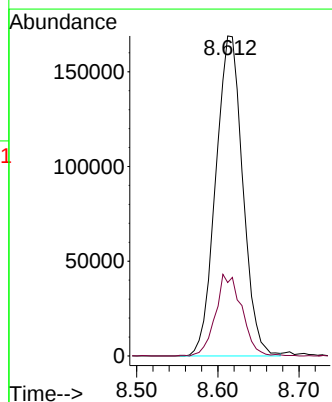
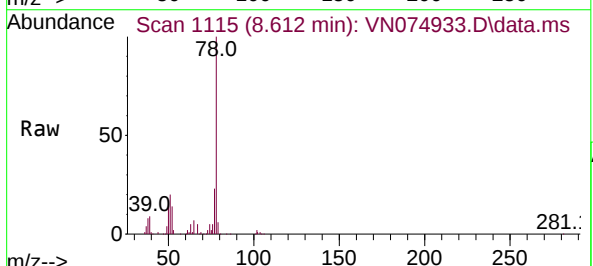
Acq: 19 Oct 2022 16:08

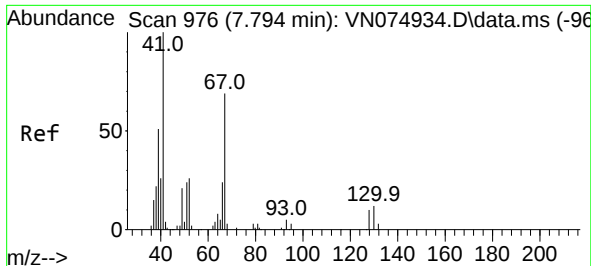
Tgt Ion: 78 Resp: 390963

Ion Ratio Lower Upper

78 100

77 22.8 18.6 28.0

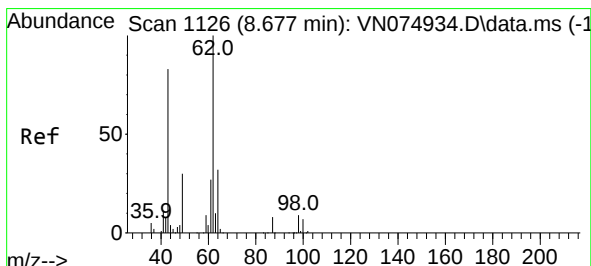
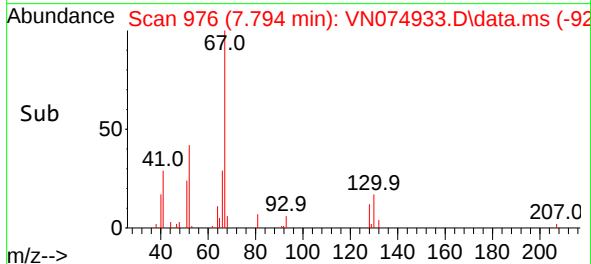
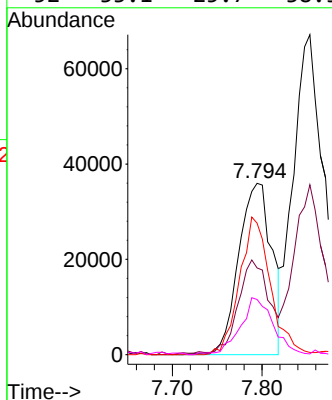
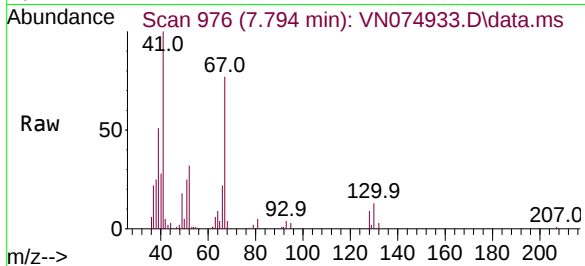




#41
Methacrylonitrile
Concen: 18.938 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

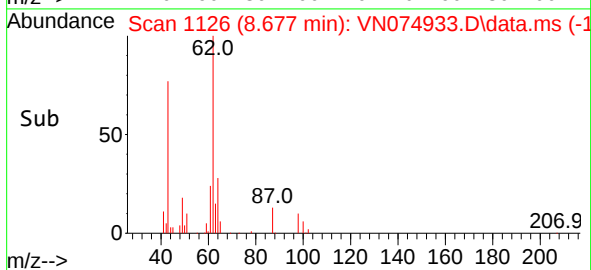
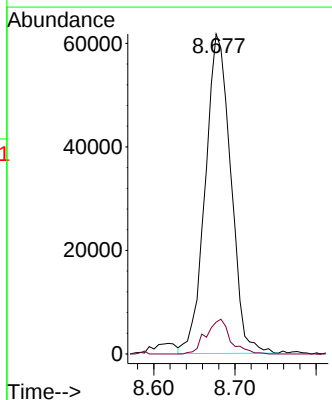
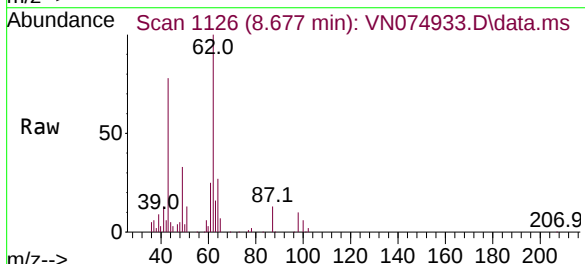
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

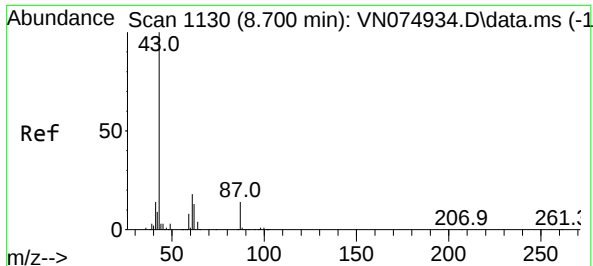
Tgt Ion:	41	Resp:	92008
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.2	63.2
67	74.9	59.3	88.9
52	33.1	25.7	38.5



#42
1,2-Dichloroethane
Concen: 19.594 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion:	62	Resp:	134890
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4

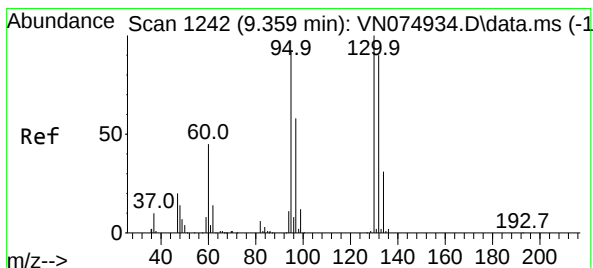
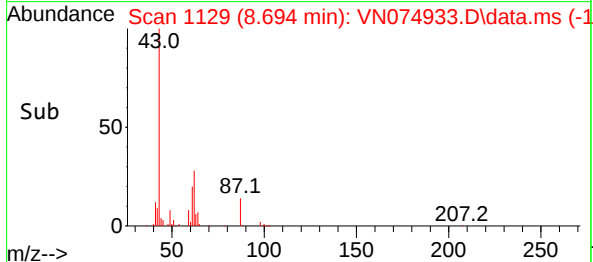
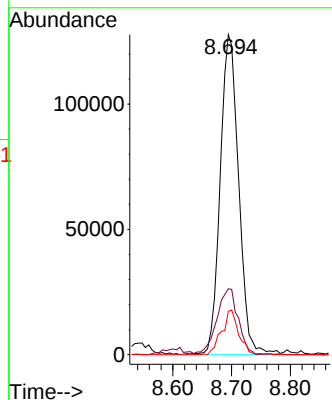
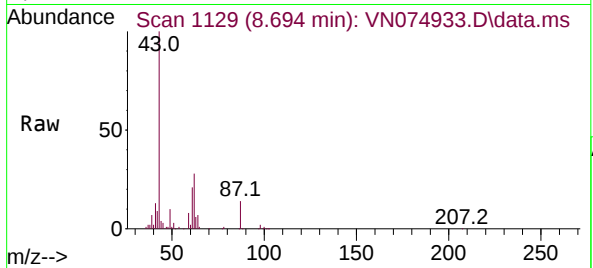




#43
Isopropyl Acetate
Concen: 19.951 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

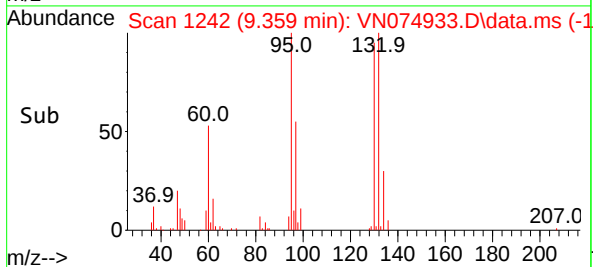
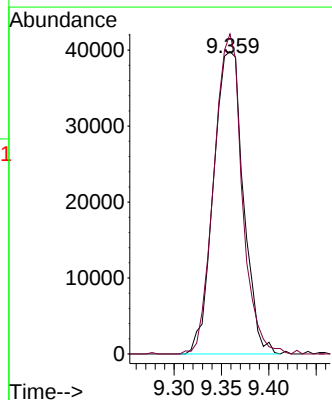
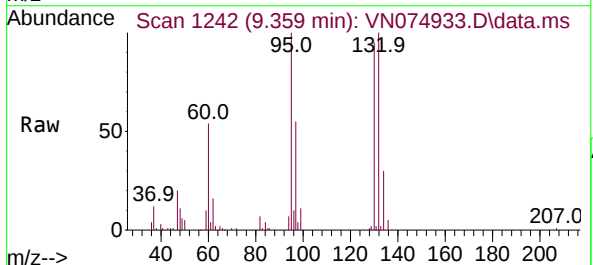
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

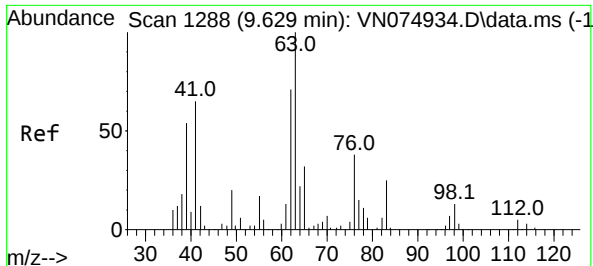
Tgt Ion: 43 Resp: 278987
Ion Ratio Lower Upper
43 100
61 23.4 18.7 28.1
87 12.8 10.0 15.0



#44
Trichloroethene
Concen: 18.659 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion:130 Resp: 87202
Ion Ratio Lower Upper
130 100
95 105.8 0.0 184.0





#45

1,2-Dichloropropane

Concen: 19.175 ug/l

RT: 9.630 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

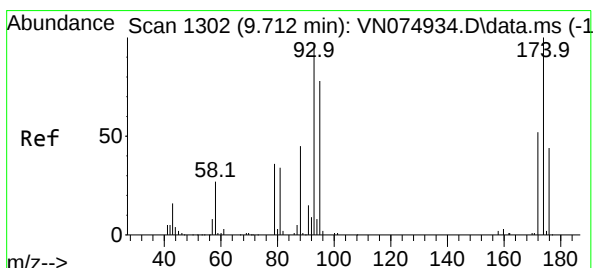
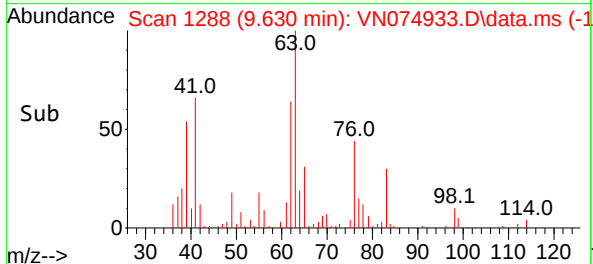
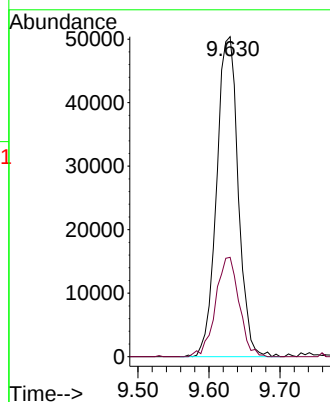
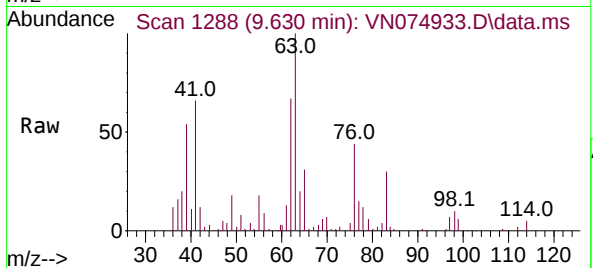
VSTDIC020

Tgt Ion: 63 Resp: 106153

Ion Ratio Lower Upper

63 100

65 31.0 25.4 38.0



#46

Dibromomethane

Concen: 19.133 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

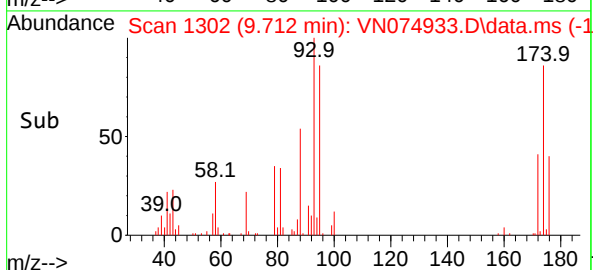
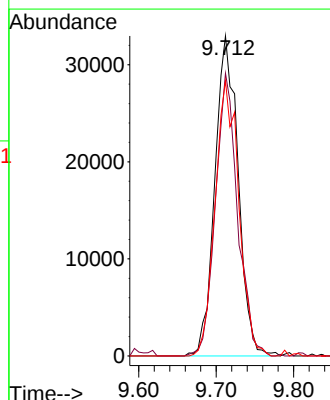
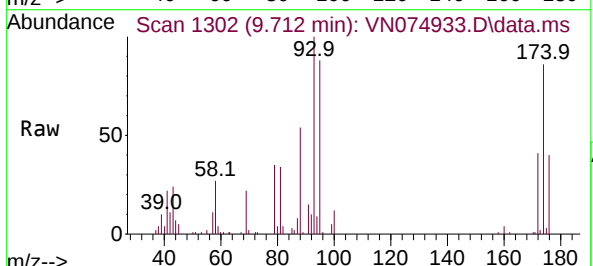
Tgt Ion: 93 Resp: 68930

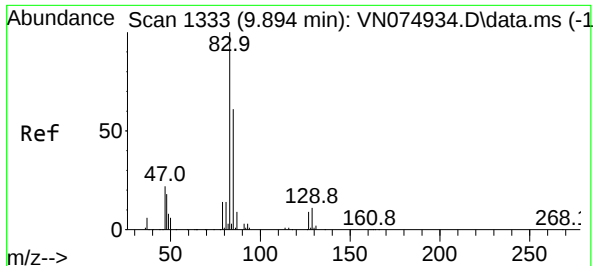
Ion Ratio Lower Upper

93 100

95 84.4 68.6 102.8

174 88.0 76.1 114.1





#47

Bromodichloromethane

Concen: 19.778 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

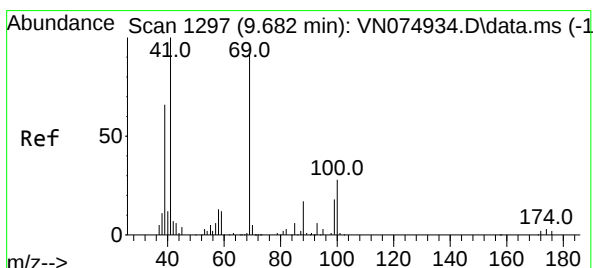
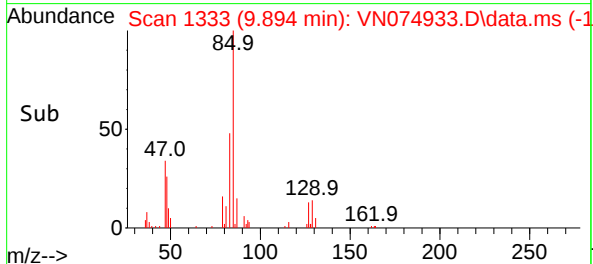
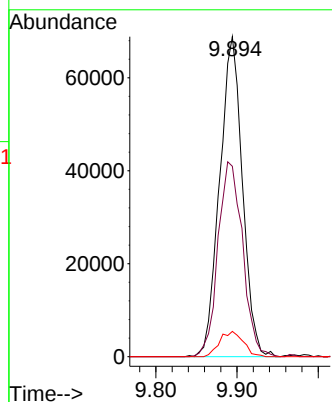
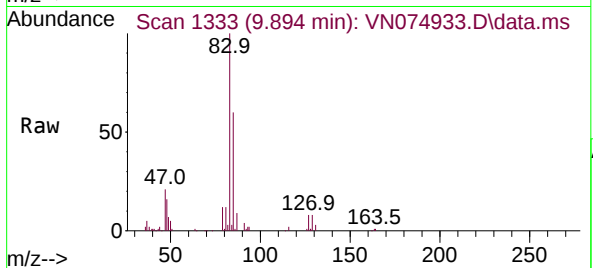
Tgt Ion: 83 Resp: 134350

Ion Ratio Lower Upper

83 100

85 59.5 49.0 73.6

127 7.9 6.9 10.3



#48

Methyl methacrylate

Concen: 19.126 ug/l

RT: 9.688 min Scan# 1298

Delta R.T. 0.006 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

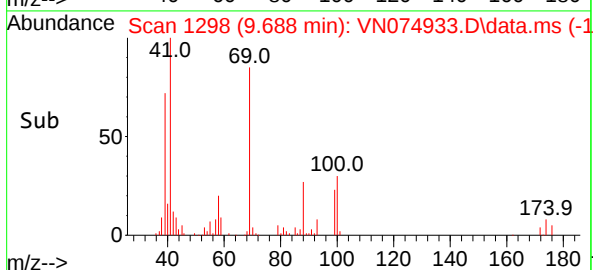
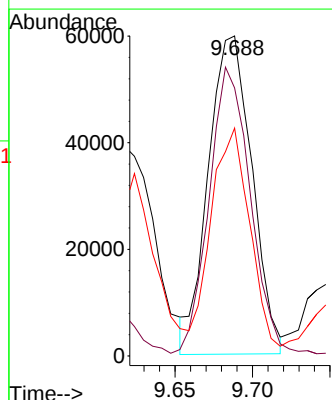
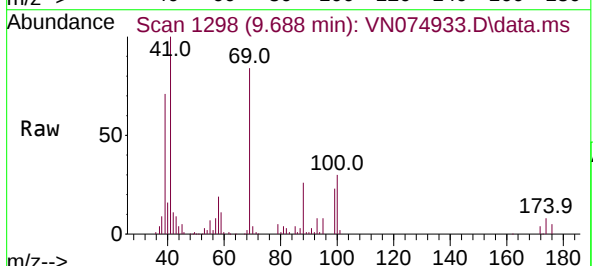
Tgt Ion: 41 Resp: 116948

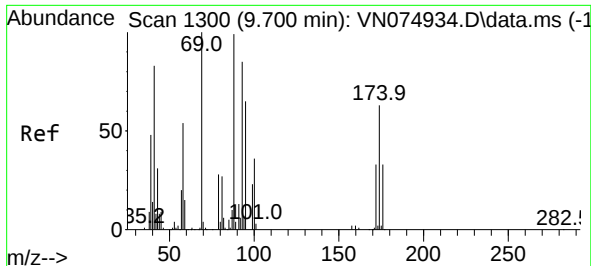
Ion Ratio Lower Upper

41 100

69 87.2 67.9 101.9

39 64.2 53.6 80.4

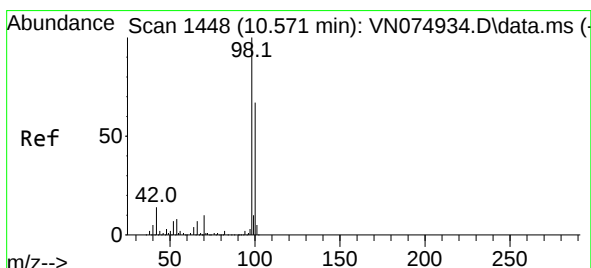
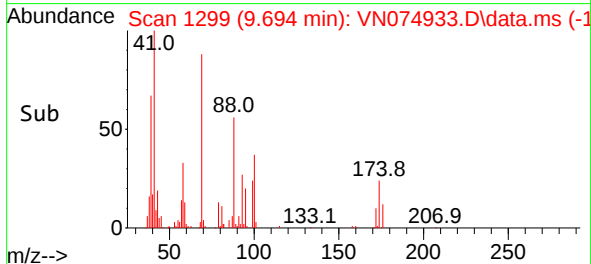
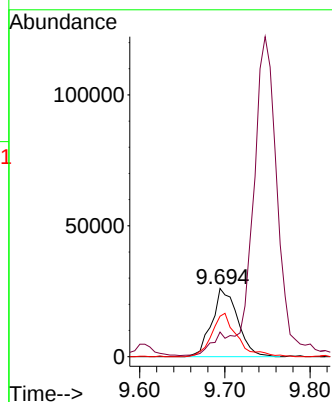
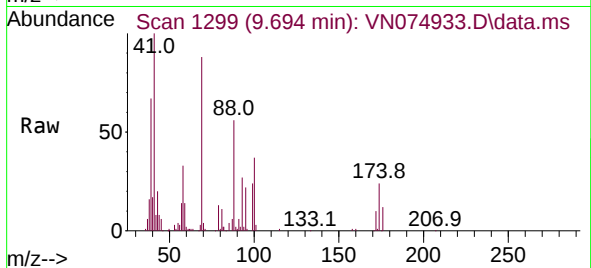




#49
1,4-Dioxane
Concen: 400.677 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

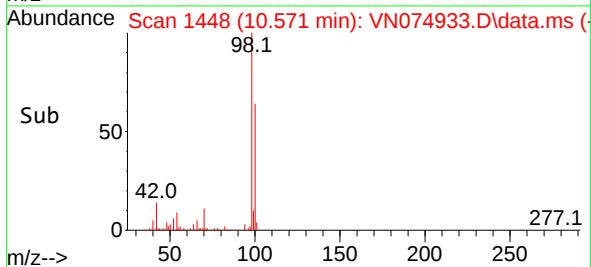
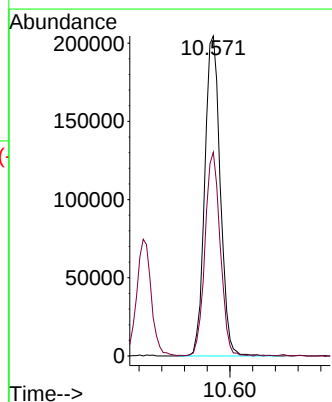
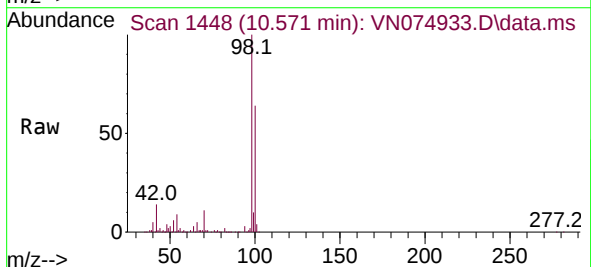
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

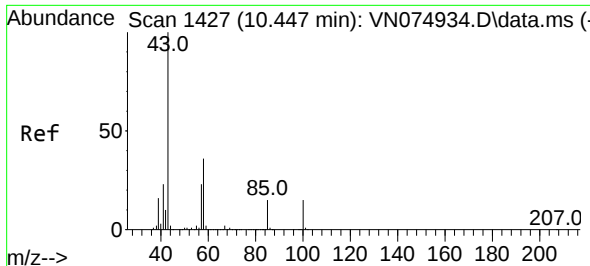
Tgt Ion: 88 Resp: 54582
Ion Ratio Lower Upper
88 100
43 18.3 23.3 34.9#
58 62.8 50.1 75.1



#50
Toluene-d8
Concen: 20.745 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 98 Resp: 386092
Ion Ratio Lower Upper
98 100
100 62.7 52.1 78.1

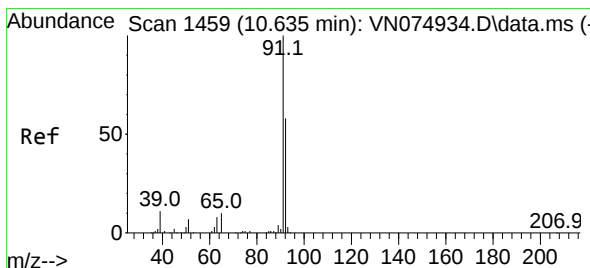
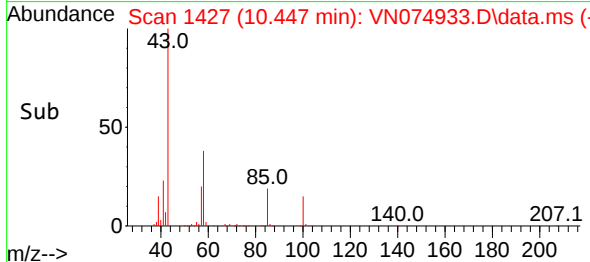
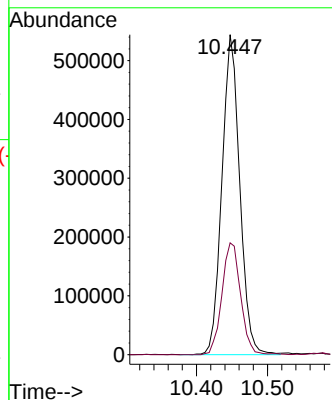
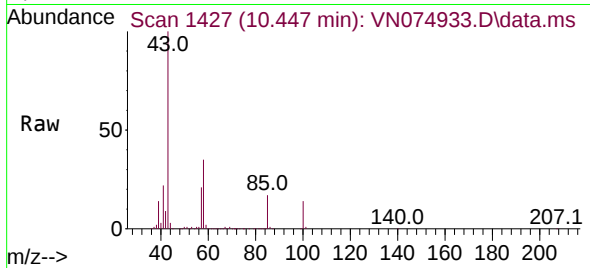




#51
4-Methyl-2-Pentanone
Concen: 100.840 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

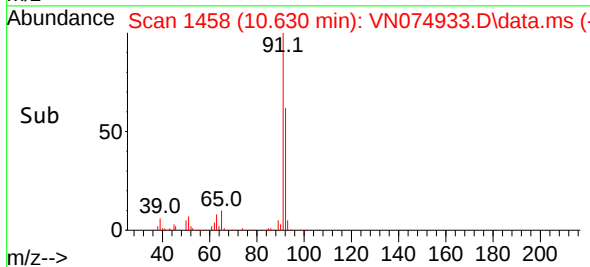
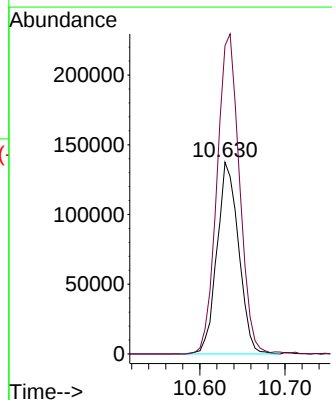
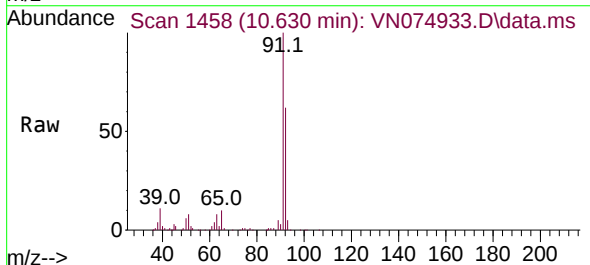
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

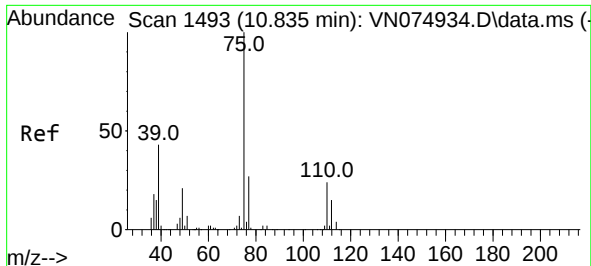
Tgt Ion: 43 Resp: 945984
Ion Ratio Lower Upper
43 100
58 36.7 29.6 44.4



#52
Toluene
Concen: 19.261 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 92 Resp: 242942
Ion Ratio Lower Upper
92 100
91 174.2 140.9 211.3

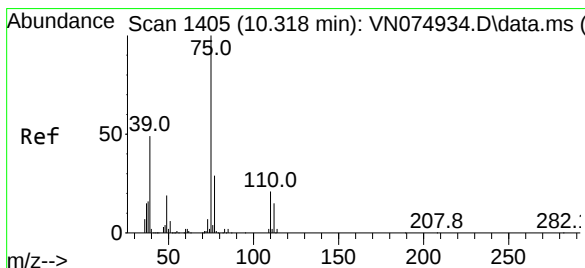
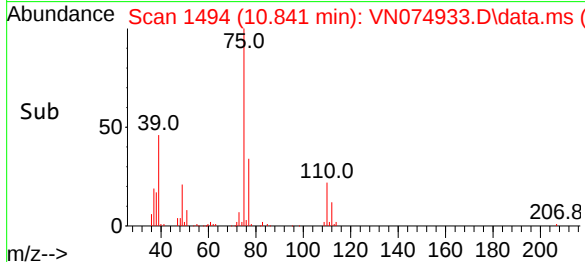
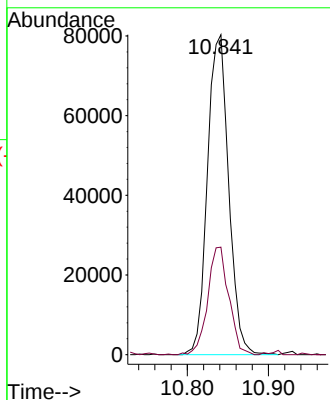
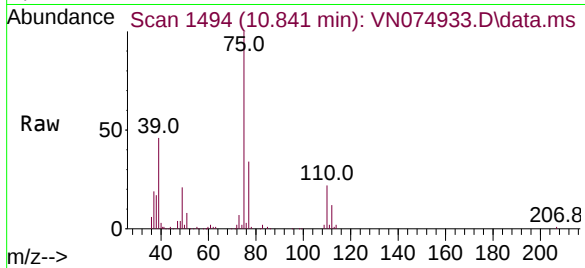




#53
 t-1,3-Dichloropropene
 Concen: 20.142 ug/l
 RT: 10.841 min Scan# 1494
 Delta R.T. 0.006 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

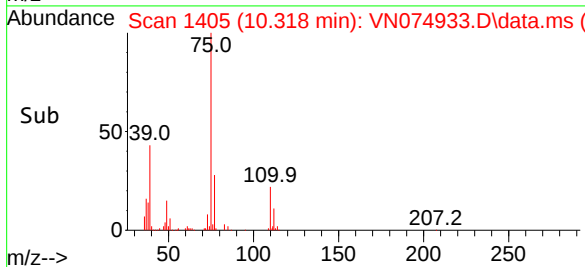
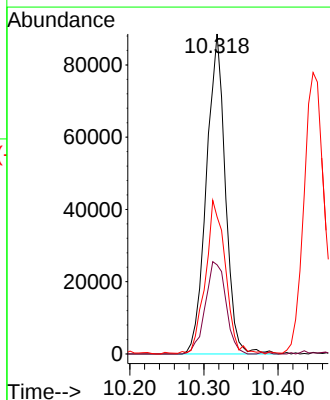
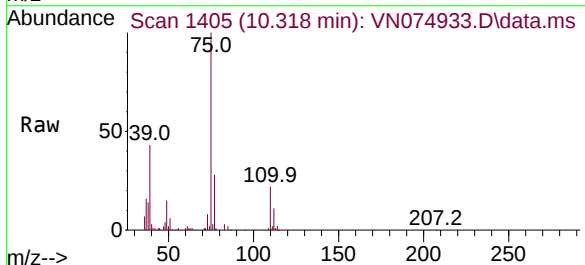
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

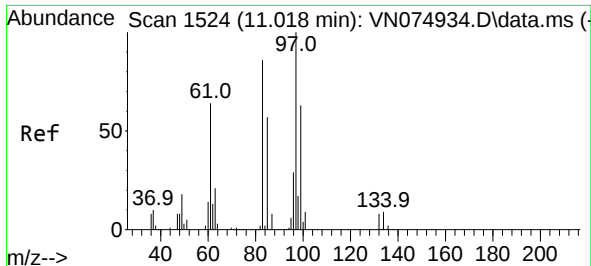
Tgt Ion: 75 Resp: 145805
 Ion Ratio Lower Upper
 75 100
 77 33.6 21.4 32.2#



#54
 cis-1,3-Dichloropropene
 Concen: 19.684 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

Tgt Ion: 75 Resp: 157213
 Ion Ratio Lower Upper
 75 100
 77 27.9 23.0 34.6
 39 42.7 38.9 58.3



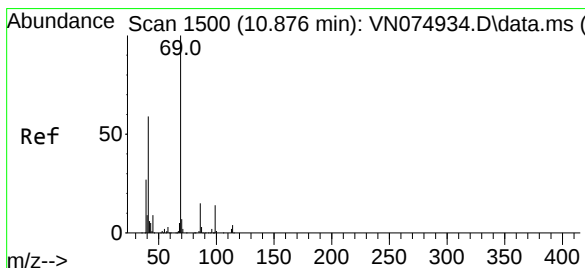
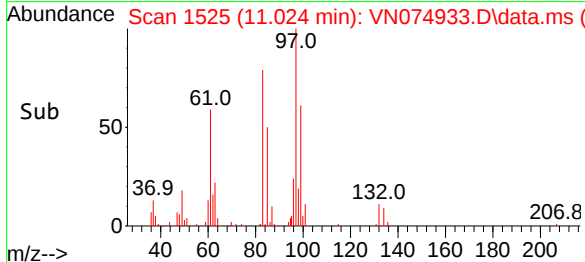
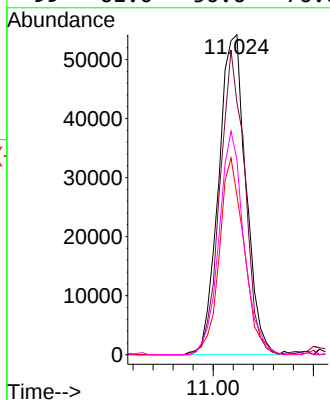
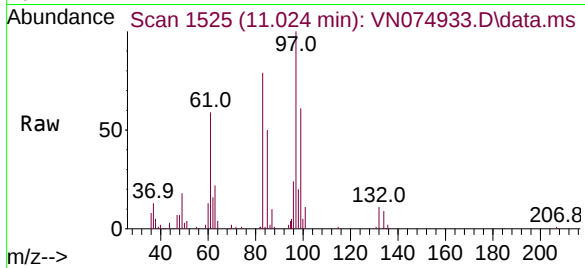


#55
1,1,2-Trichloroethane
Concen: 19.561 ug/l
RT: 11.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 97 Resp: 102405

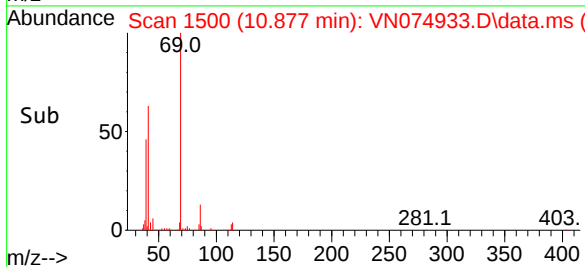
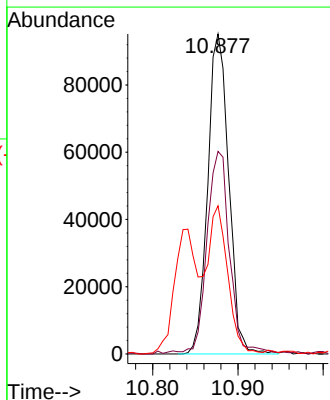
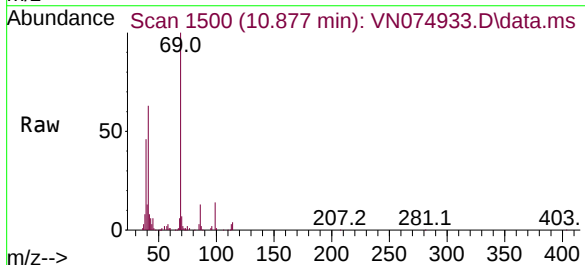
Ion	Ratio	Lower	Upper
97	100		
83	78.7	68.8	103.2
85	49.9	45.7	68.5
99	61.0	50.6	76.0

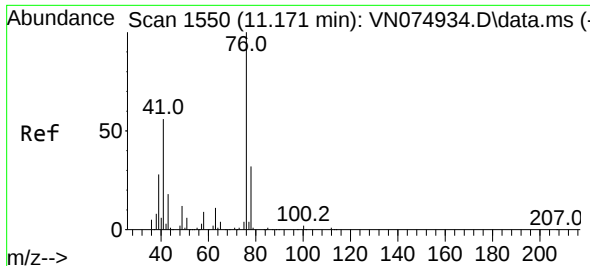


#56
Ethyl methacrylate
Concen: 20.143 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 69 Resp: 162966

Ion	Ratio	Lower	Upper
69	100		
41	68.6	53.5	80.3
39	40.9	34.6	52.0





#57

1,3-Dichloropropane

Concen: 19.161 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

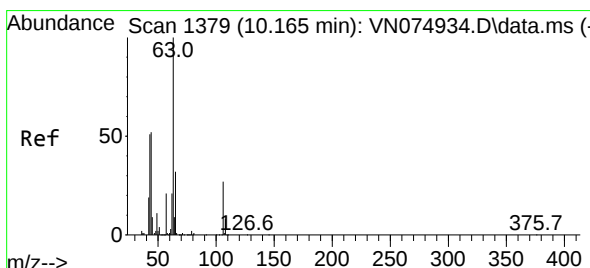
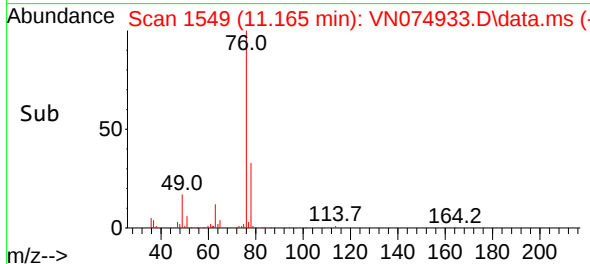
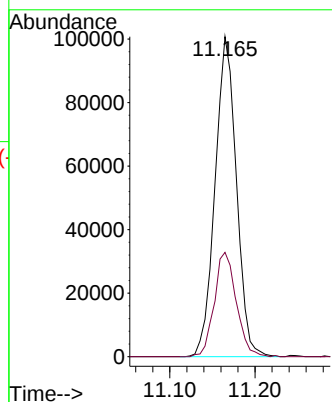
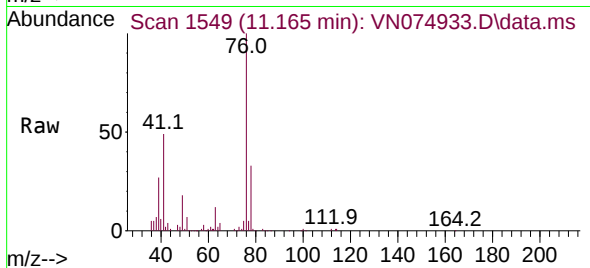
VSTDIC020

Tgt Ion: 76 Resp: 175308

Ion Ratio Lower Upper

76 100

78 33.6 24.9 37.3



#58

2-Chloroethyl Vinyl ether

Concen: 105.035 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN074933.D

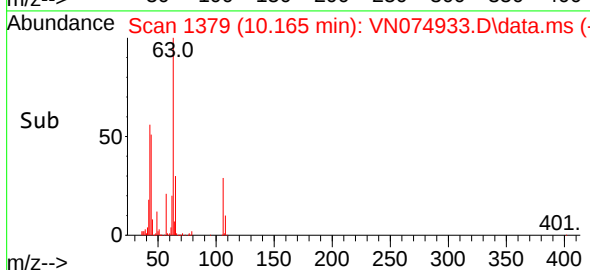
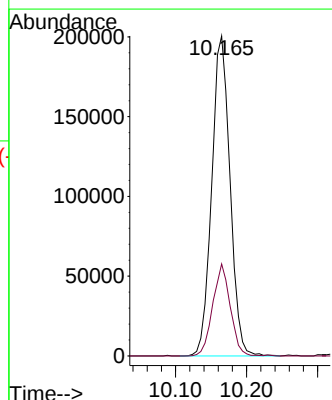
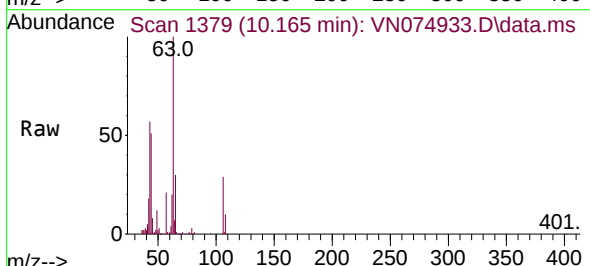
Acq: 19 Oct 2022 16:08

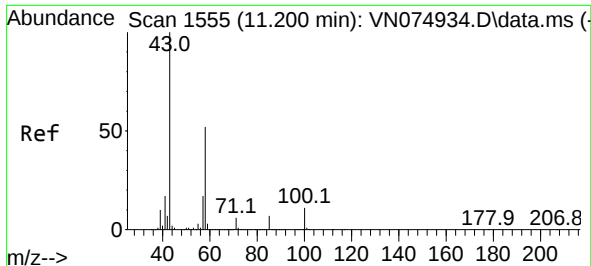
Tgt Ion: 63 Resp: 358094

Ion Ratio Lower Upper

63 100

106 27.5 21.5 32.3

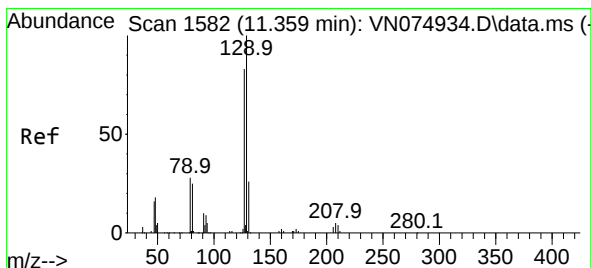
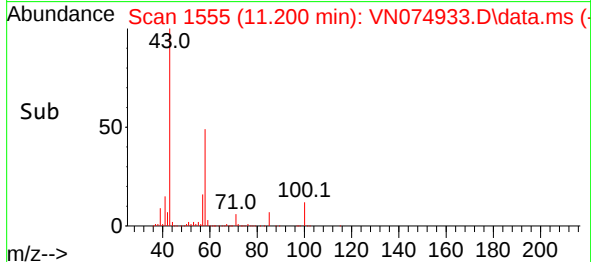
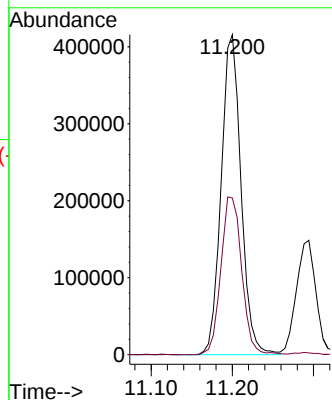
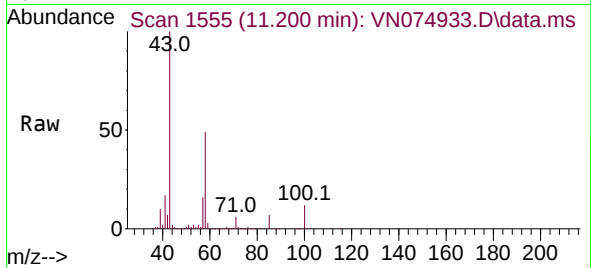




#59
2-Hexanone
Concen: 102.395 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

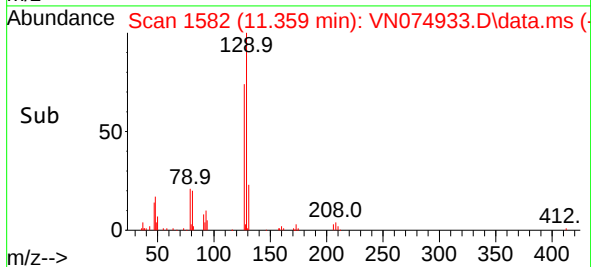
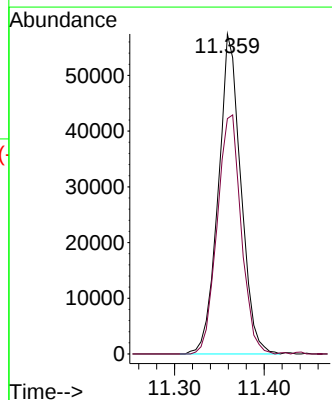
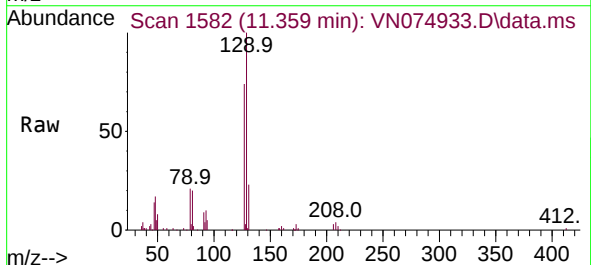
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

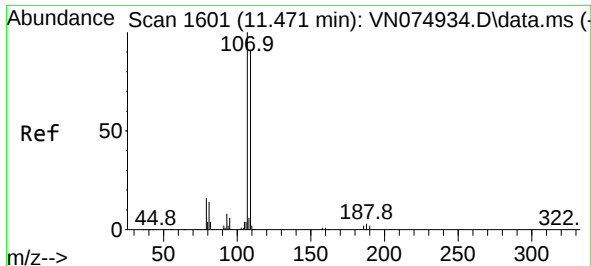
Tgt Ion: 43 Resp: 706744
Ion Ratio Lower Upper
43 100
58 51.8 26.3 78.8



#60
Dibromochloromethane
Concen: 19.583 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 129 Resp: 100355
Ion Ratio Lower Upper
129 100
127 79.3 40.6 122.0

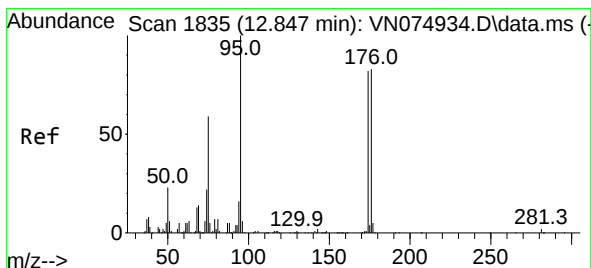
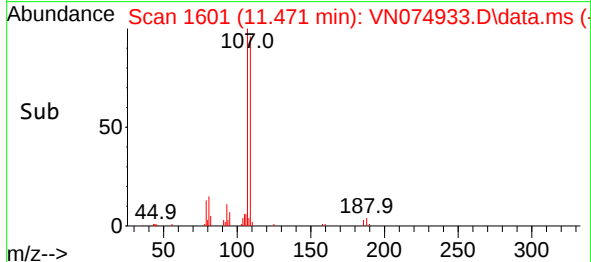
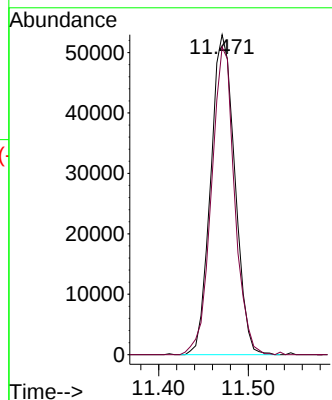
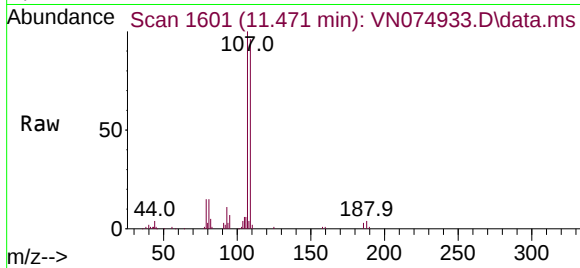




#61
1,2-Dibromoethane
Concen: 19.139 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

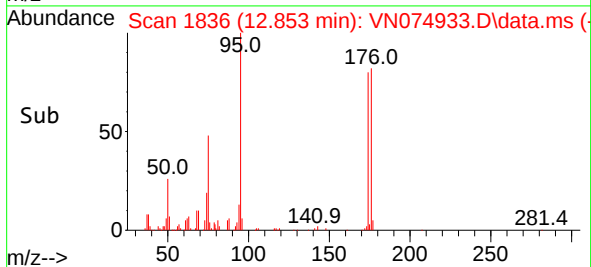
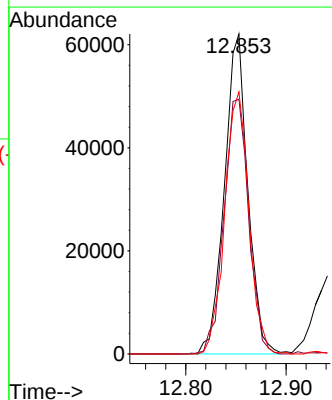
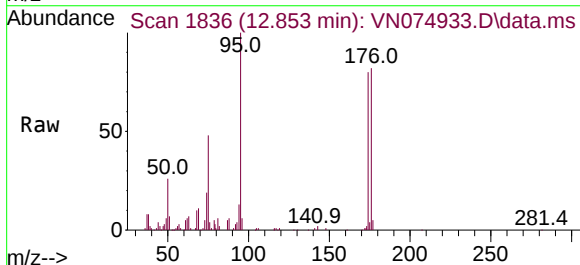
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

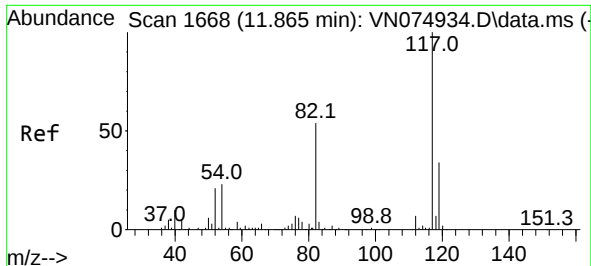
Tgt Ion:107 Resp: 98972
Ion Ratio Lower Upper
107 100
109 92.1 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 19.726 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 95 Resp: 100291
Ion Ratio Lower Upper
95 100
174 84.2 0.0 182.8
176 84.5 0.0 173.8

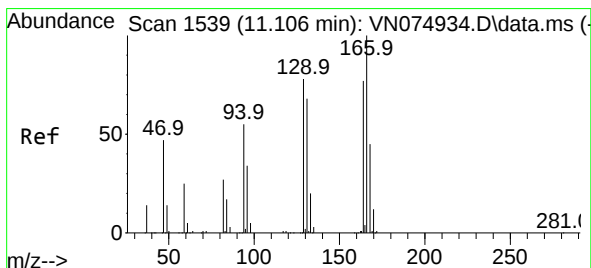
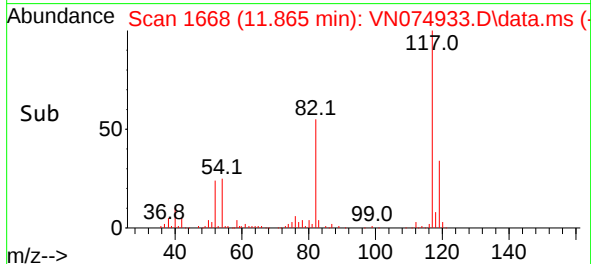
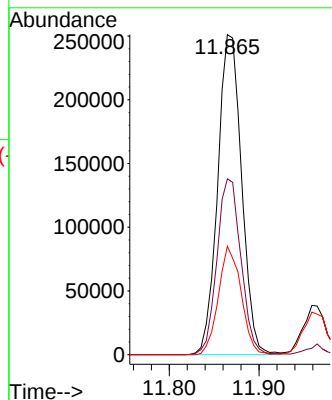
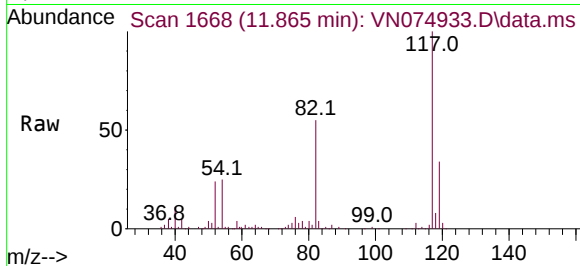




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

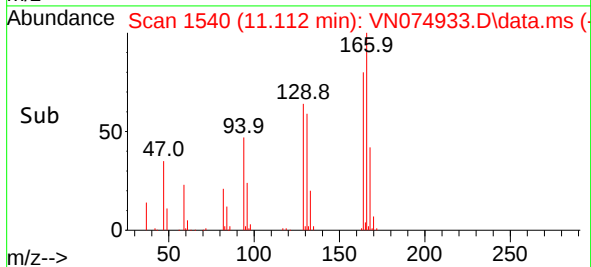
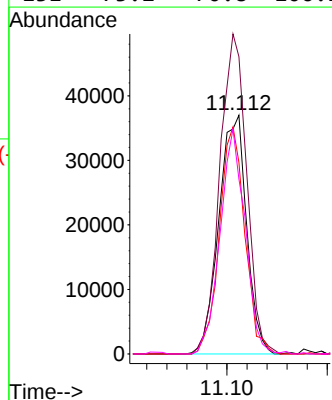
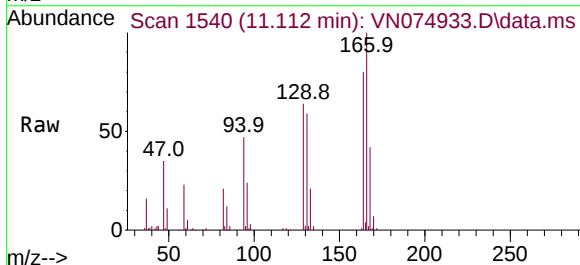
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

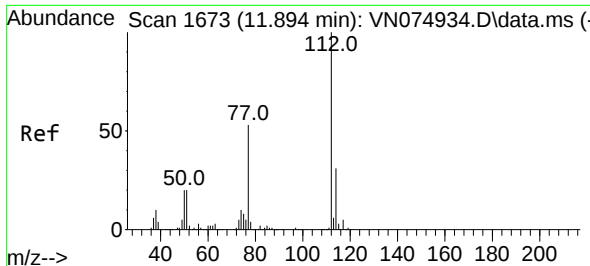
Tgt Ion:117 Resp: 465297
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.6
119 33.9 27.0 40.6



#64
Tetrachloroethene
Concen: 18.319 ug/l
RT: 11.112 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion:164 Resp: 71080
Ion Ratio Lower Upper
164 100
166 124.5 103.4 155.0
129 80.2 80.3 120.5#
131 73.2 70.8 106.2

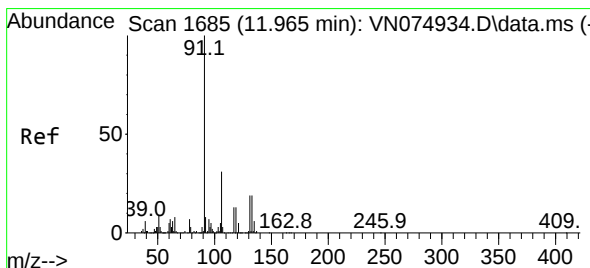
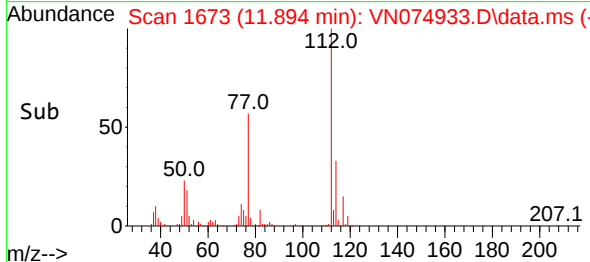
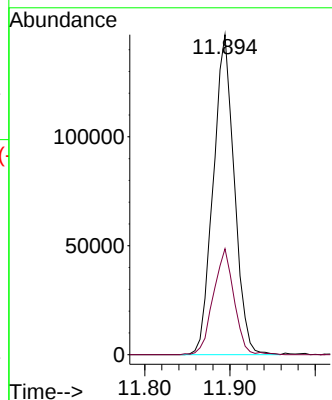
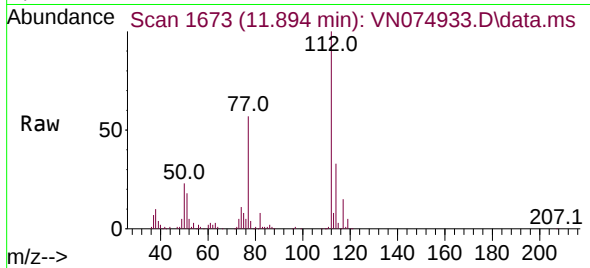




#65
Chlorobenzene
Concen: 18.676 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

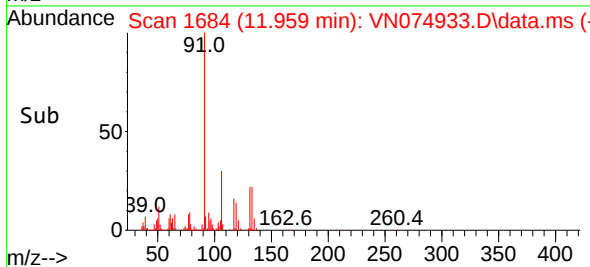
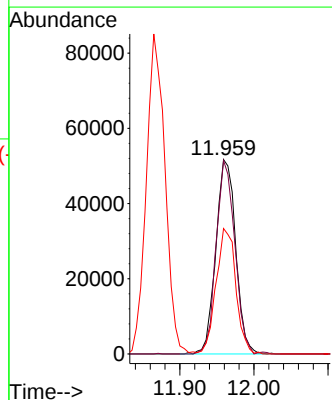
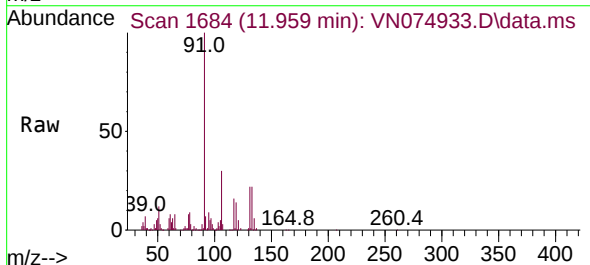
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

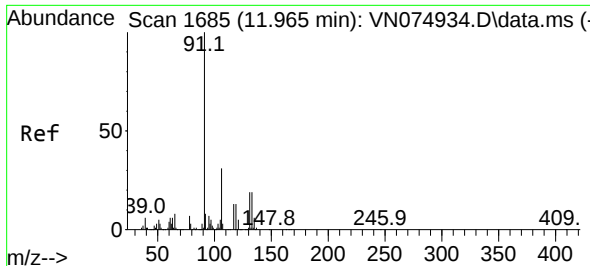
Tgt Ion:112 Resp: 251757
Ion Ratio Lower Upper
112 100
114 33.1 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.880 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion:131 Resp: 96227
Ion Ratio Lower Upper
131 100
133 93.7 48.9 146.6
119 64.3 35.3 105.7

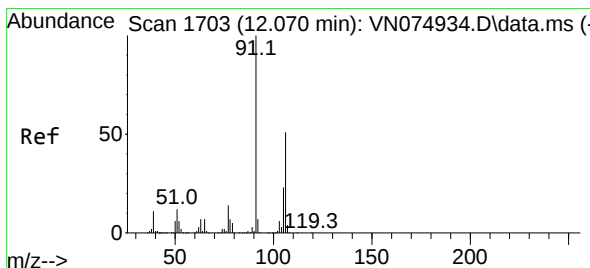
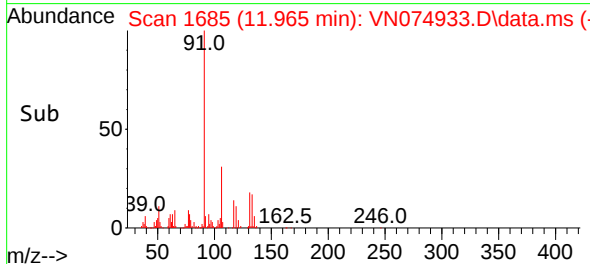
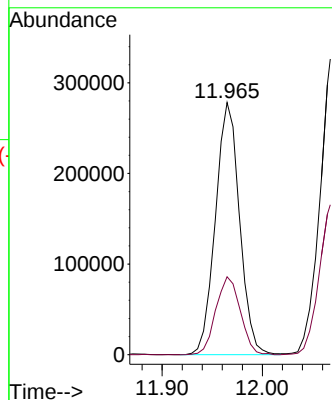
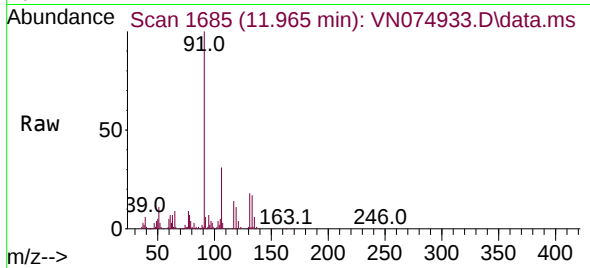




#67
Ethyl Benzene
Concen: 19.969 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

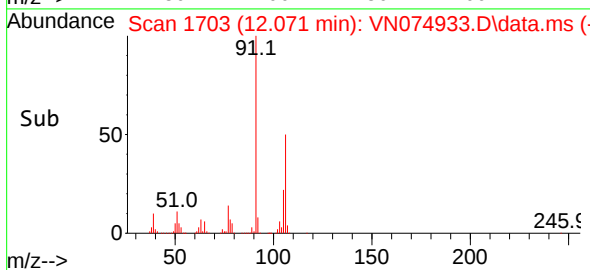
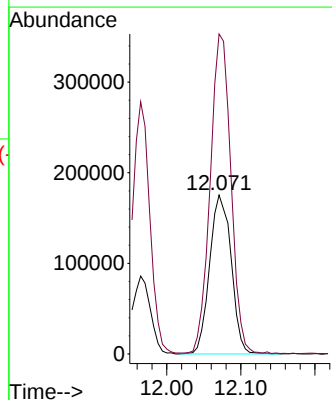
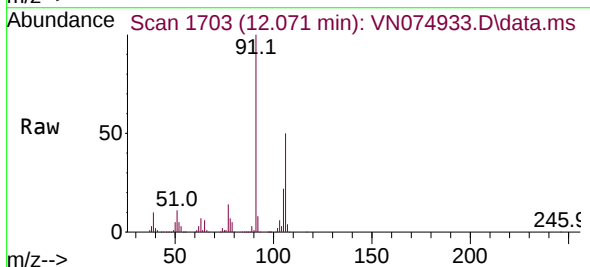
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

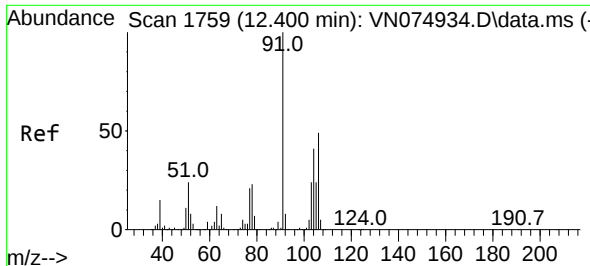
Tgt Ion: 91 Resp: 464925
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6



#68
m/p-Xylenes
Concen: 39.480 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion:106 Resp: 354125
Ion Ratio Lower Upper
106 100
91 192.7 157.4 236.2

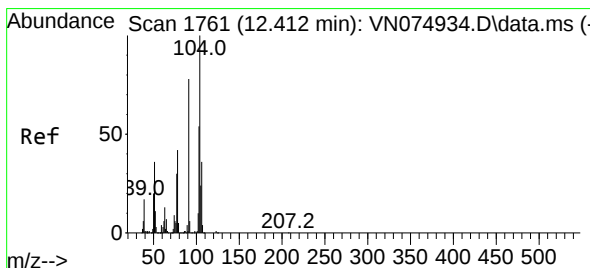
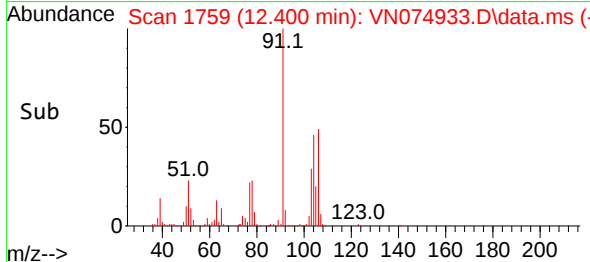
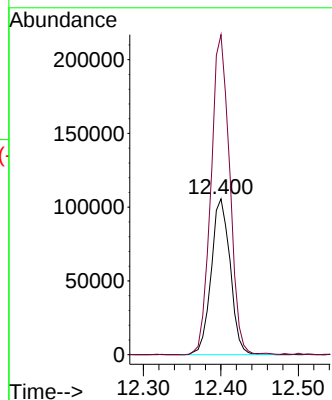
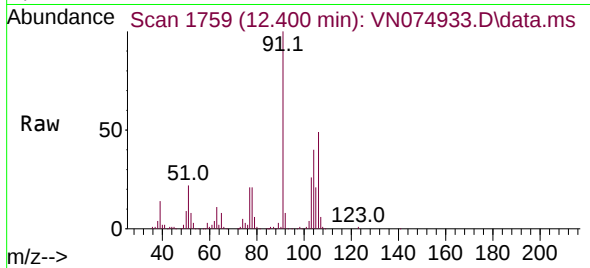




#69
o-Xylene
Concen: 19.499 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

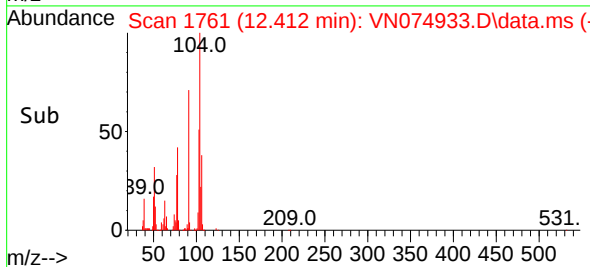
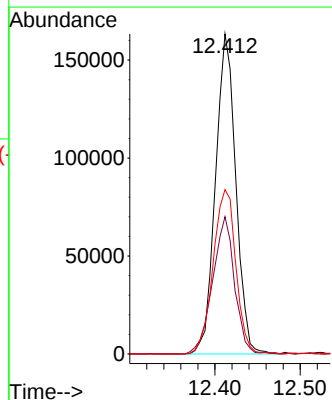
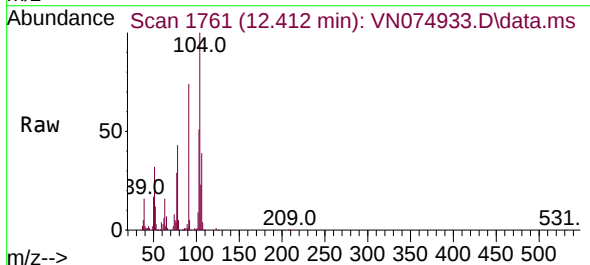
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

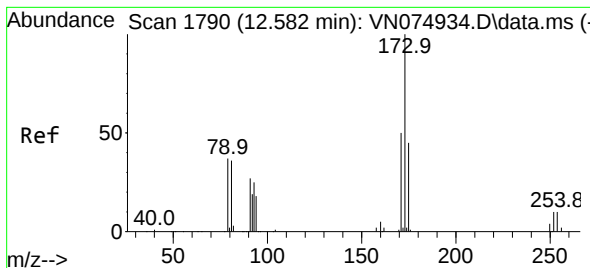
Tgt Ion:106 Resp: 179741
Ion Ratio Lower Upper
106 100
91 202.3 101.1 303.1



#70
Styrene
Concen: 19.531 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion:104 Resp: 270518
Ion Ratio Lower Upper
104 100
78 46.1 37.4 56.2
103 57.6 44.6 66.8





#71

Bromoform

Concen: 19.359 ug/l

RT: 12.582 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

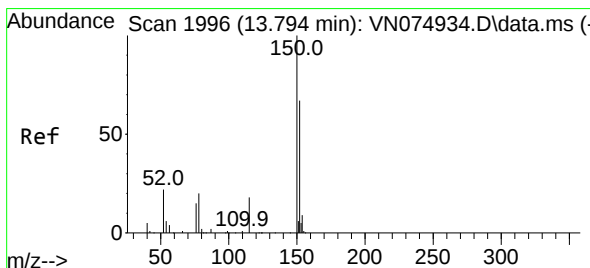
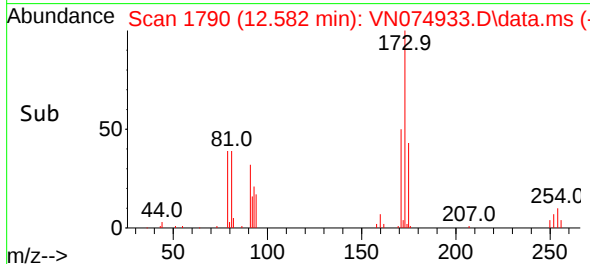
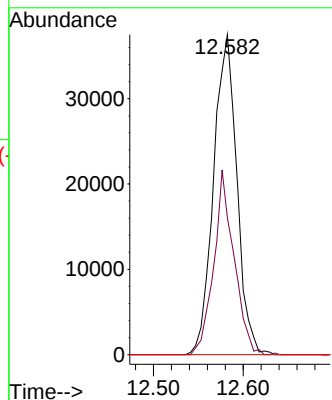
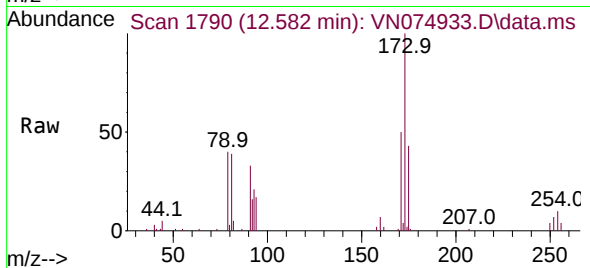
Tgt Ion:173 Resp: 67555

Ion Ratio Lower Upper

173 100

175 49.9 23.4 70.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

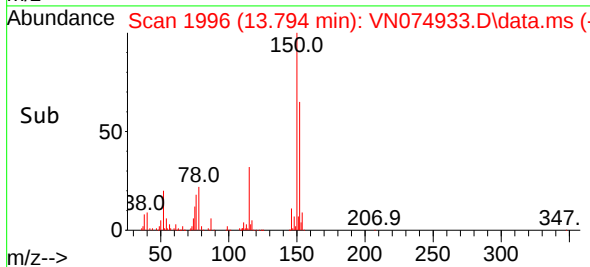
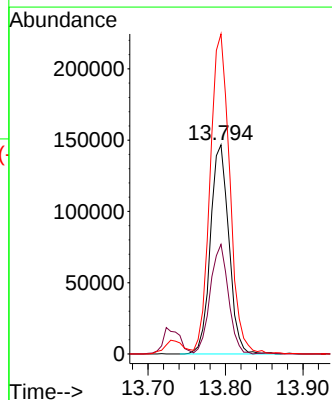
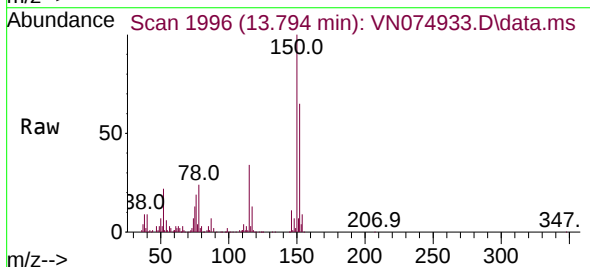
Tgt Ion:152 Resp: 242041

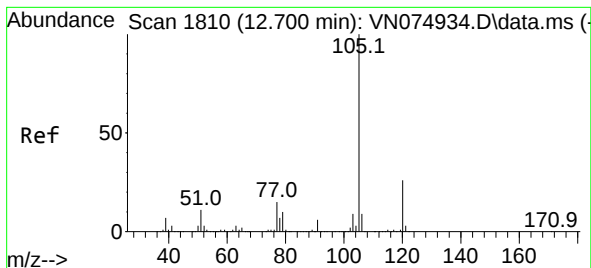
Ion Ratio Lower Upper

152 100

115 51.2 28.2 84.6

150 162.1 0.0 352.0





#73

Isopropylbenzene

Concen: 20.460 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

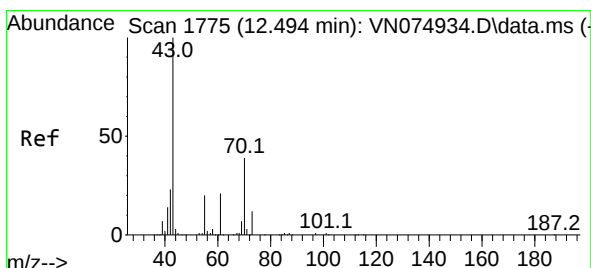
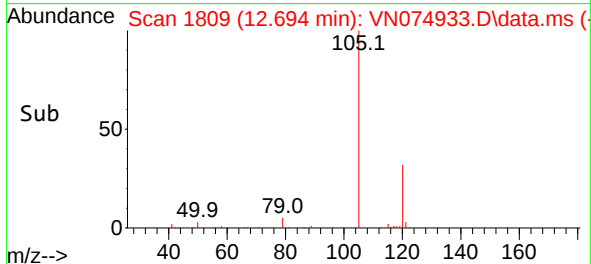
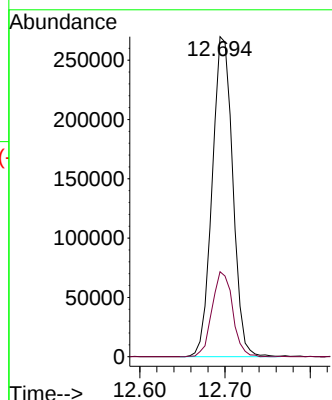
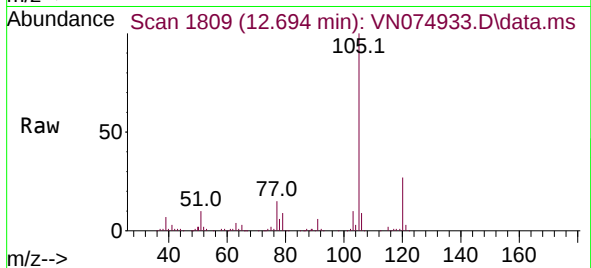
VSTDIC020

Tgt Ion:105 Resp: 451523

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 19.884 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Tgt Ion: 43 Resp: 219475

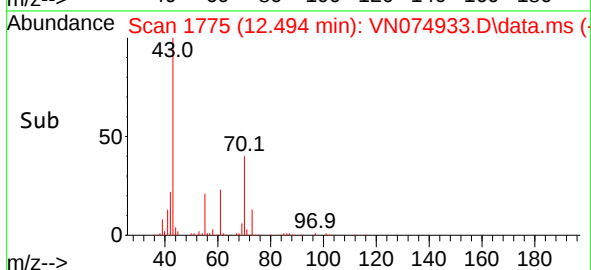
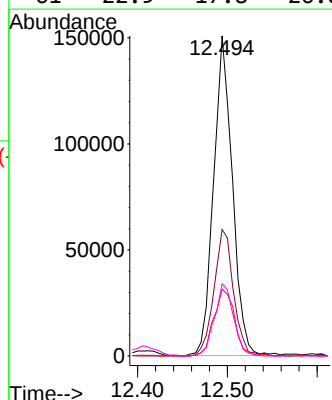
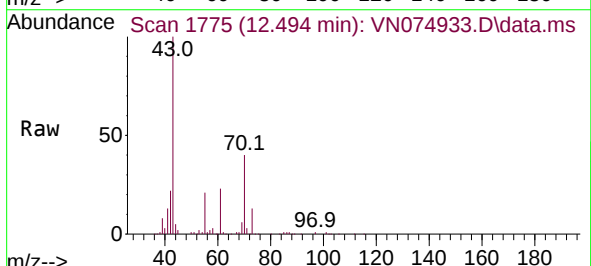
Ion Ratio Lower Upper

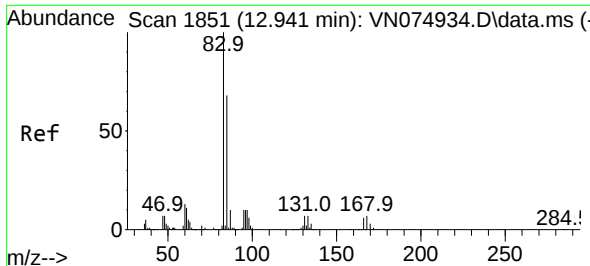
43 100

70 41.4 32.9 49.3

55 23.2 17.7 26.5

61 22.9 17.8 26.8

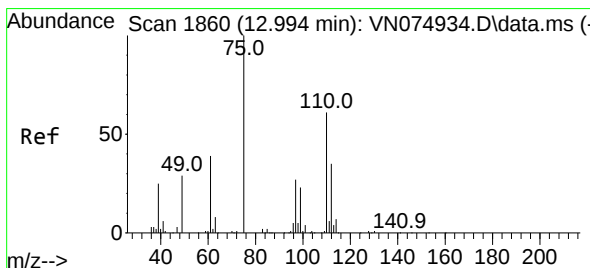
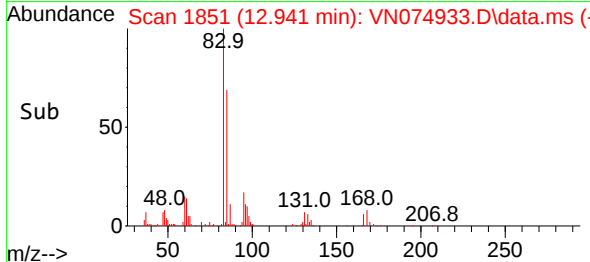
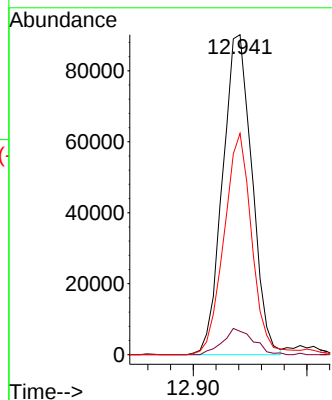
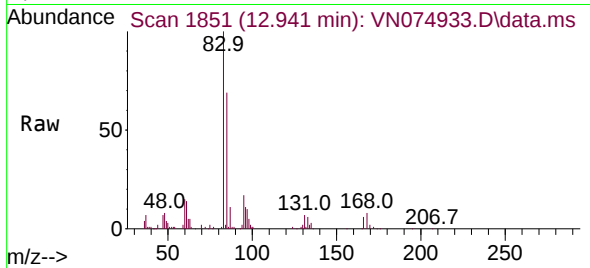




#75
1,1,2,2-Tetrachloroethane
Concen: 19.120 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

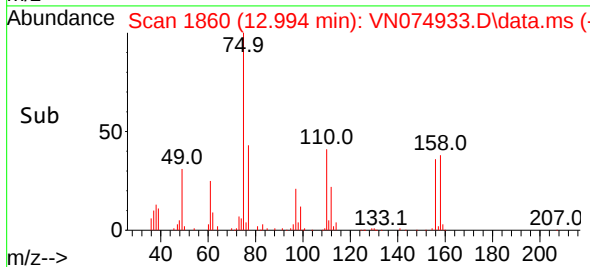
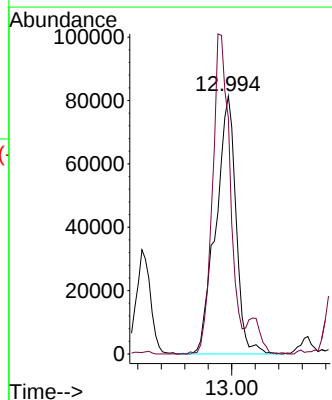
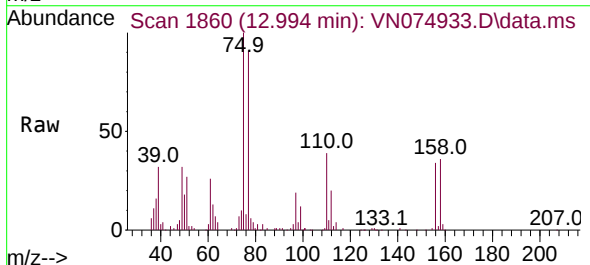
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MSVOA_N
ClientSampleId :
VSTDIC020

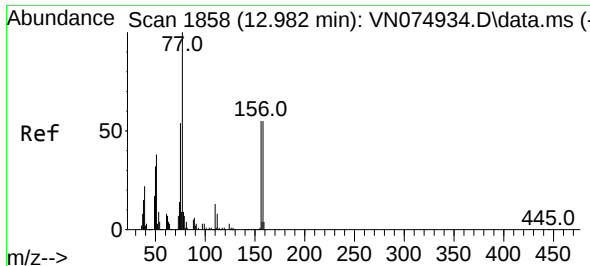
Tgt Ion: 83 Resp: 161970
Ion Ratio Lower Upper
83 100
131 8.4 4.3 12.8
85 65.7 33.0 98.9



#76
1,2,3-Trichloropropane
Concen: 32.063 ug/l
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 75 Resp: 193855
Ion Ratio Lower Upper
75 100
77 108.6 79.8 239.4

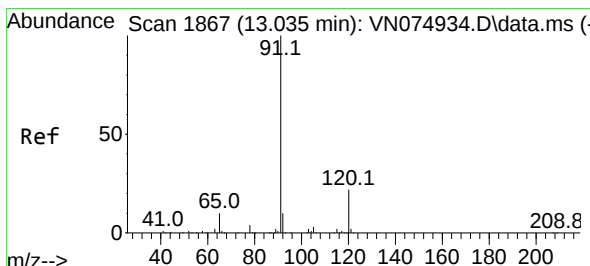
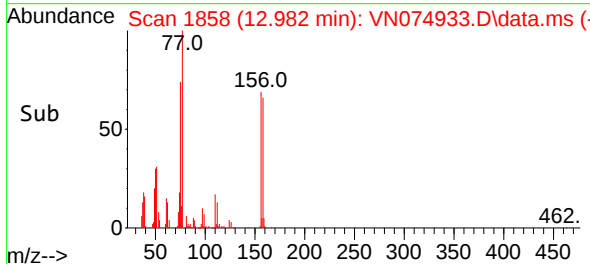
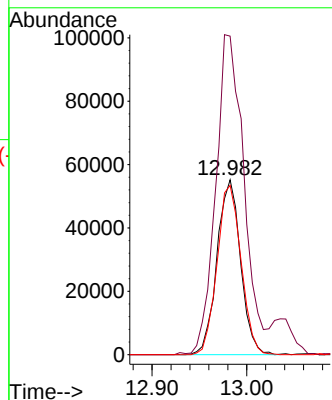
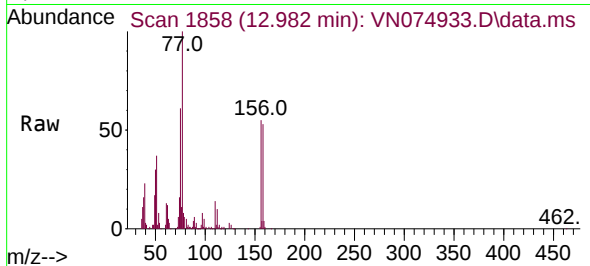




#77
Bromobenzene
Concen: 19.798 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

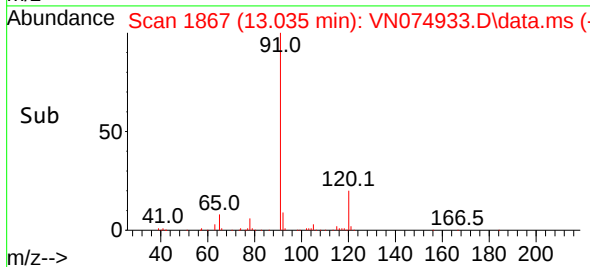
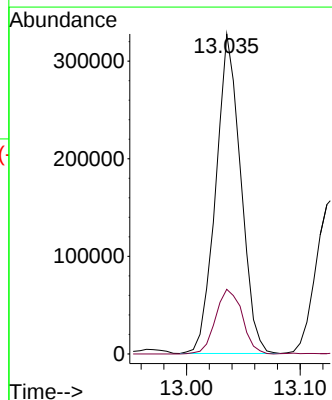
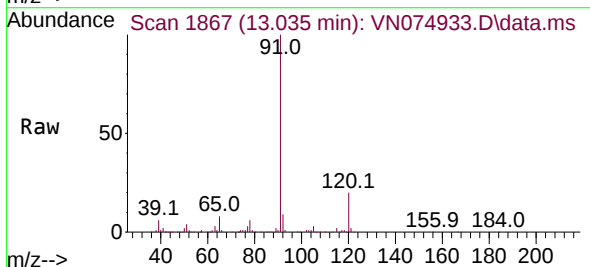
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

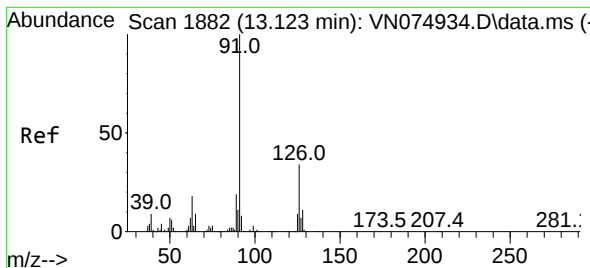
Tgt Ion:156 Resp: 95507
Ion Ratio Lower Upper
156 100
77 220.4 107.8 323.6
158 98.4 48.2 144.6



#78
n-propylbenzene
Concen: 20.271 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 91 Resp: 499895
Ion Ratio Lower Upper
91 100
120 21.6 11.3 33.9





#79

2-Chlorotoluene

Concen: 19.338 ug/l

RT: 13.129 min Scan# 1882

Delta R.T. 0.006 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

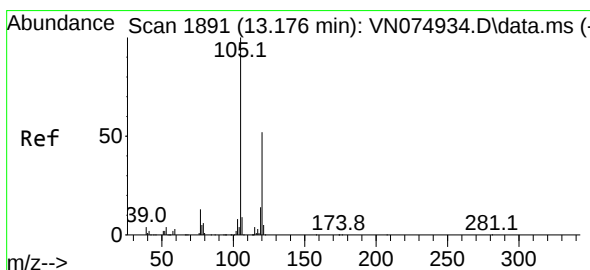
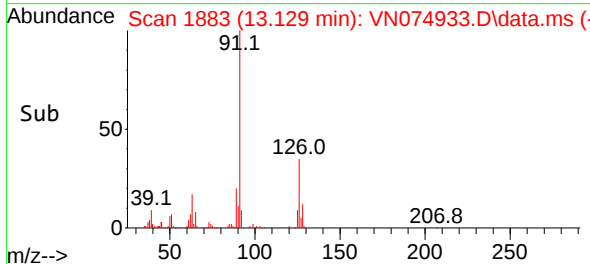
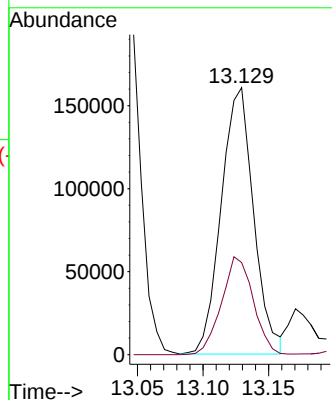
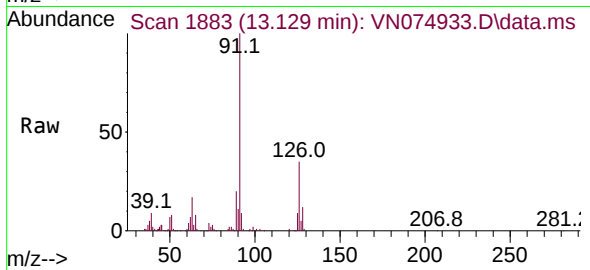
VSTDIC020

Tgt Ion: 91 Resp: 276135

Ion Ratio Lower Upper

91 100

126 36.0 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 19.498 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN074933.D

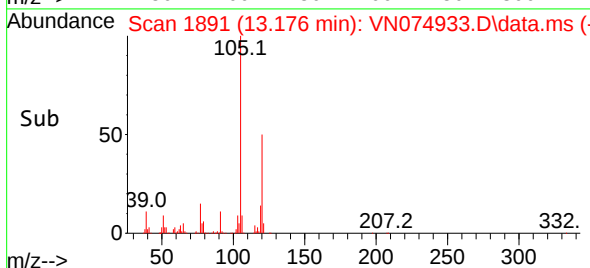
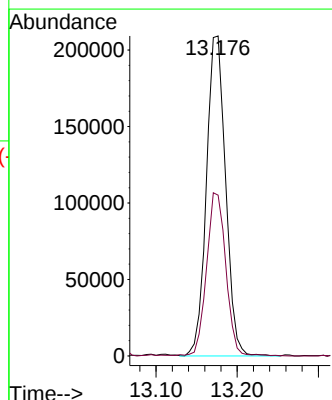
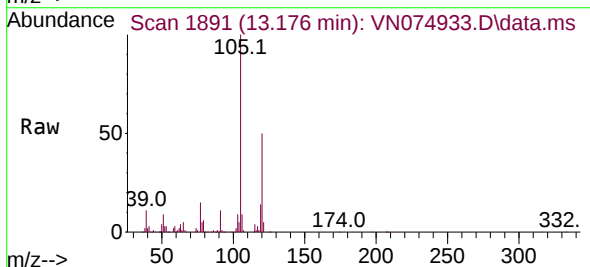
Acq: 19 Oct 2022 16:08

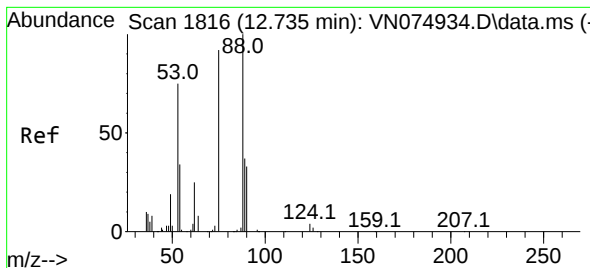
Tgt Ion: 105 Resp: 342612

Ion Ratio Lower Upper

105 100

120 51.3 24.7 74.1

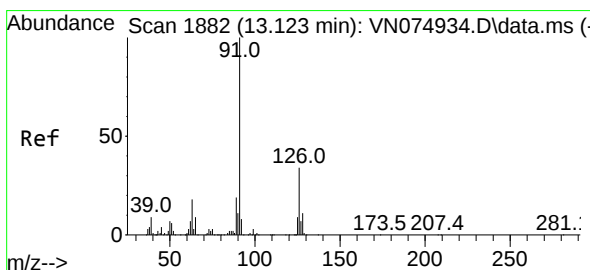
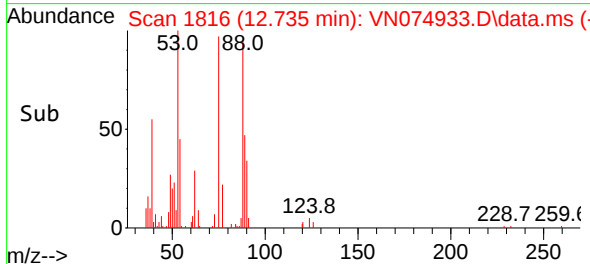
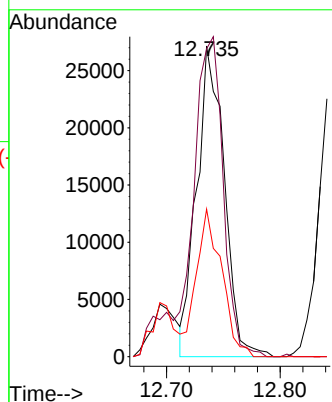
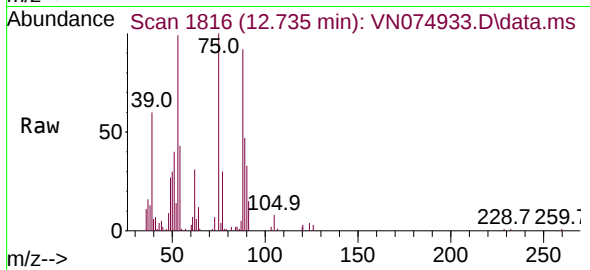




#81
trans-1,4-Dichloro-2-butene
Concen: 19.374 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

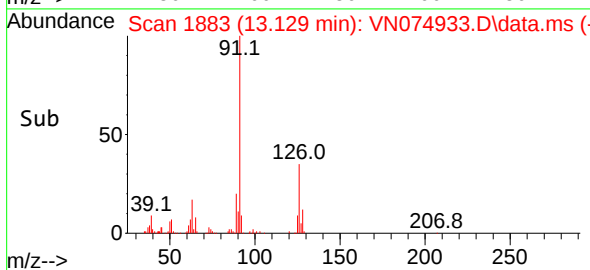
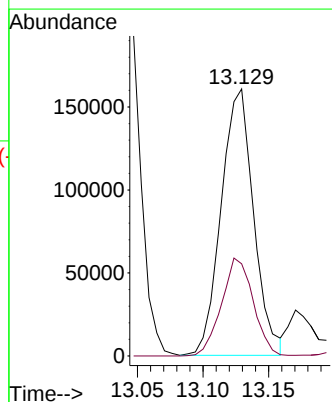
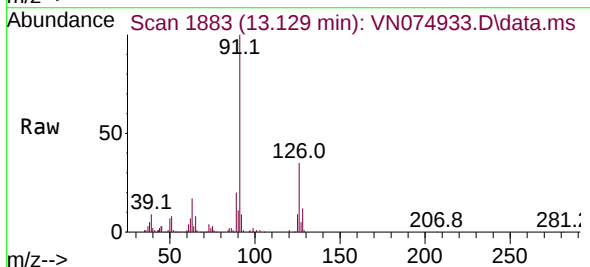
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

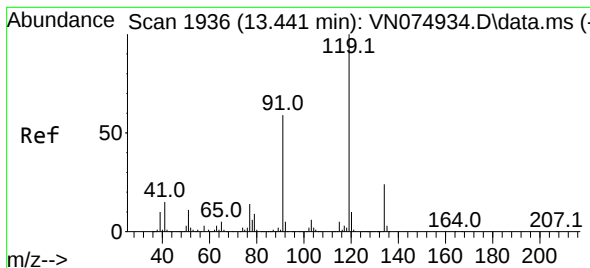
Tgt Ion: 75 Resp: 45783
Ion Ratio Lower Upper
75 100
53 120.9 81.4 122.0
89 44.0 35.1 52.7



#82
4-Chlorotoluene
Concen: 19.338 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 91 Resp: 276135
Ion Ratio Lower Upper
91 100
126 36.0 17.4 52.3





#83

tert-Butylbenzene

Concen: 20.037 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

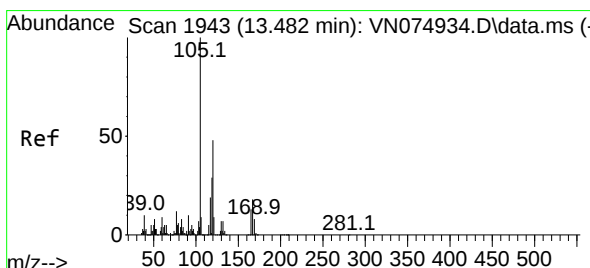
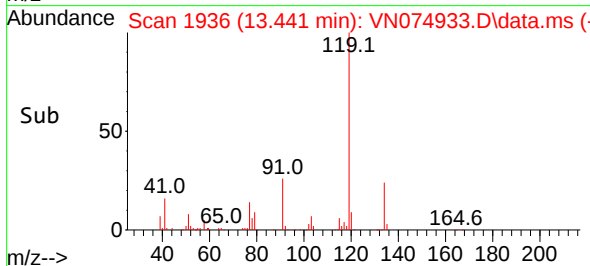
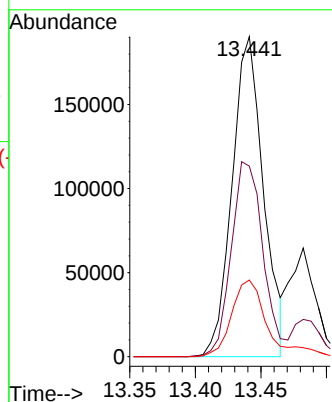
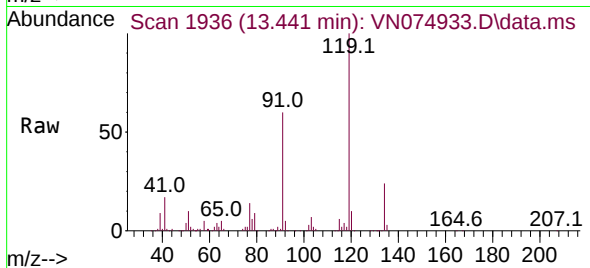
Tgt Ion:119 Resp: 316343

Ion Ratio Lower Upper

119 100

91 62.2 29.8 89.5

134 27.2 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 19.370 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN074933.D

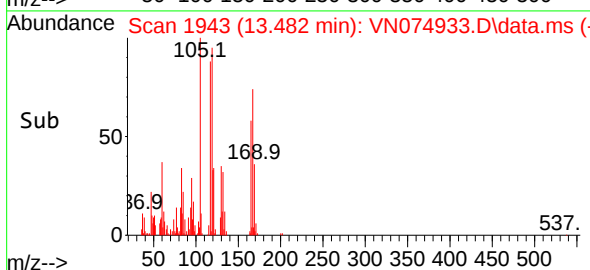
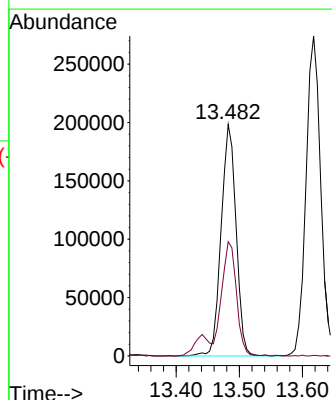
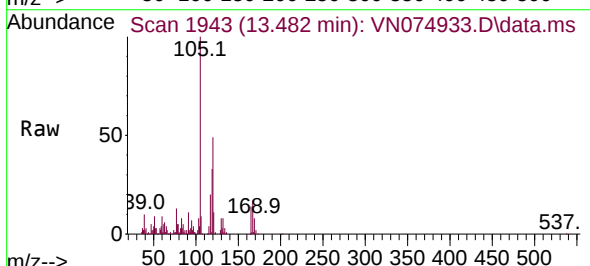
Acq: 19 Oct 2022 16:08

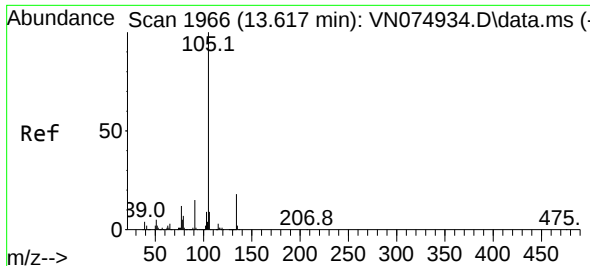
Tgt Ion:105 Resp: 325867

Ion Ratio Lower Upper

105 100

120 48.3 22.4 67.3

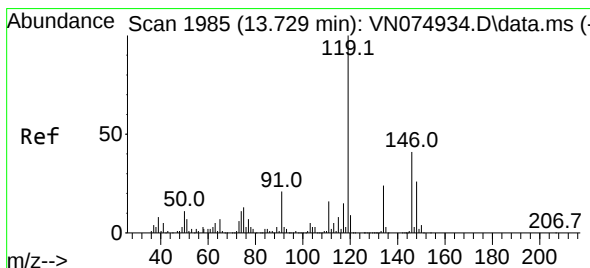
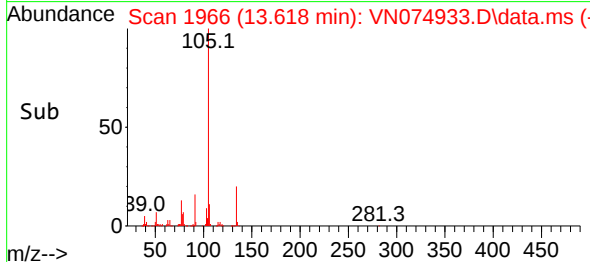
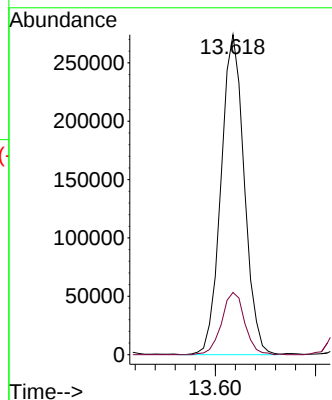
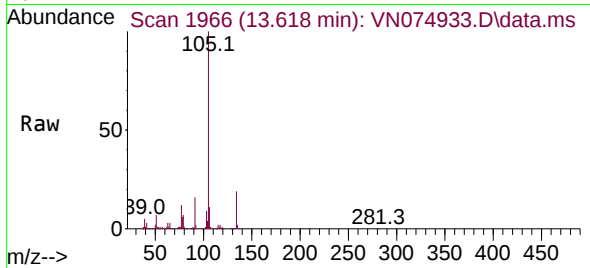




#85
 sec-Butylbenzene
 Concen: 20.629 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

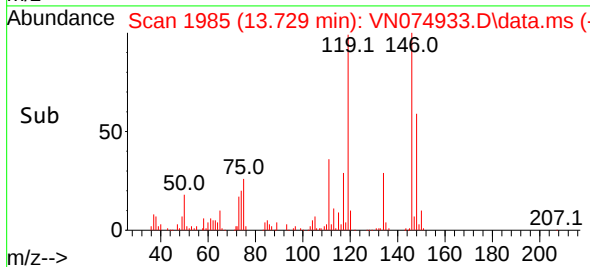
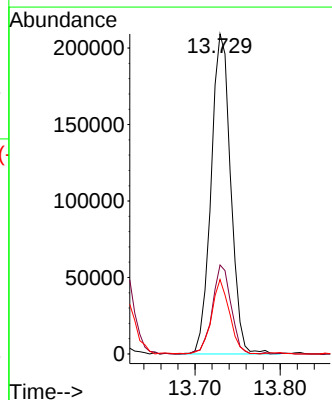
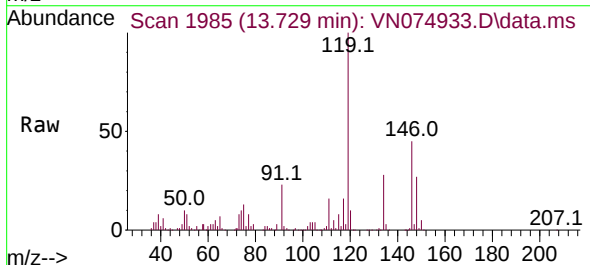
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

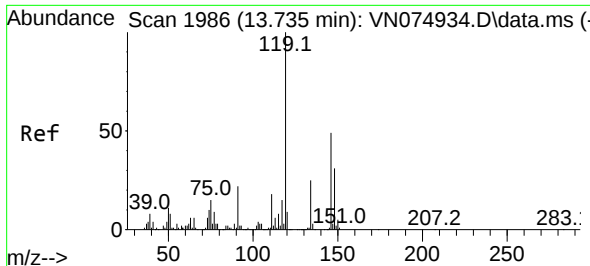
Tgt Ion:105 Resp: 440851
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 20.191 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

Tgt Ion:119 Resp: 334189
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.7
 91 21.5 10.5 31.5

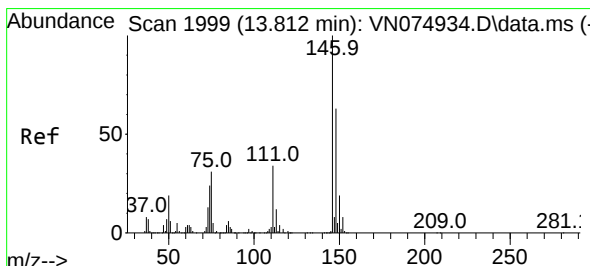
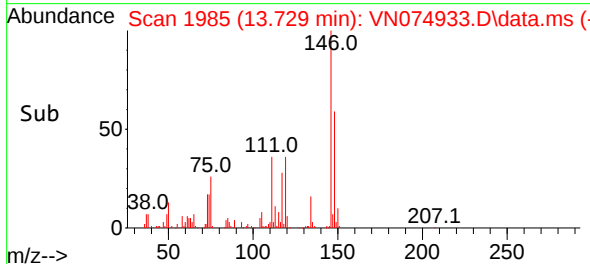
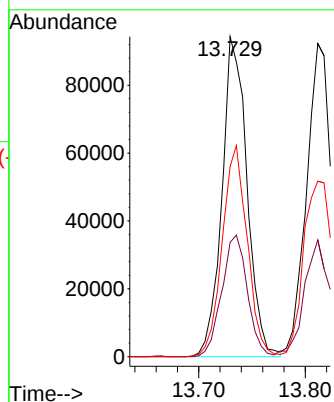
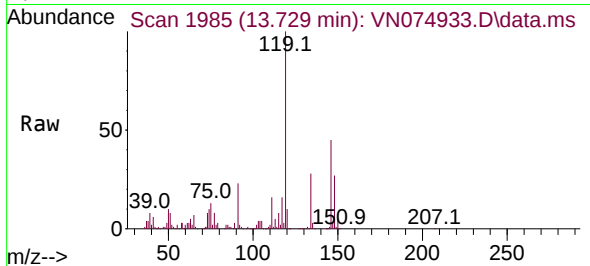




#87
 1,3-Dichlorobenzene
 Concen: 18.127 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

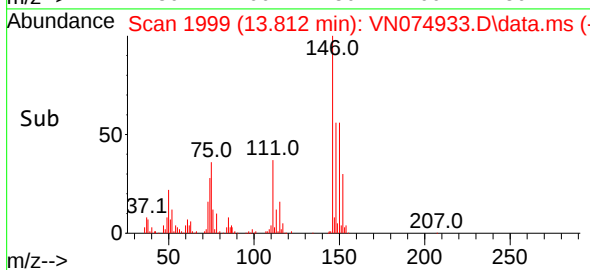
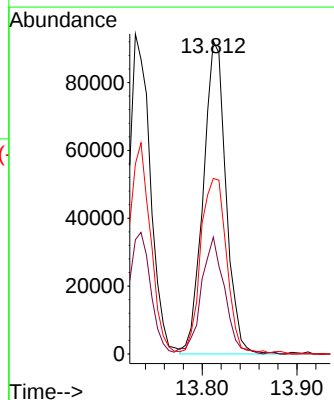
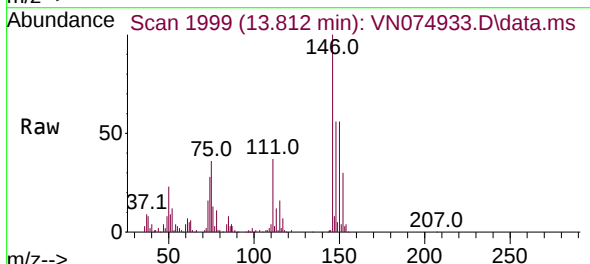
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

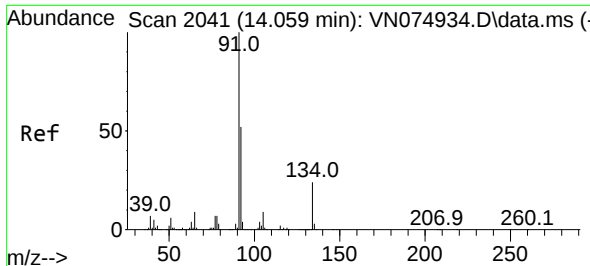
Tgt Ion:146 Resp: 153869
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.5
 148 65.9 31.3 93.8



#88
 1,4-Dichlorobenzene
 Concen: 18.366 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

Tgt Ion:146 Resp: 153874
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.0 54.0
 148 63.0 31.6 95.0

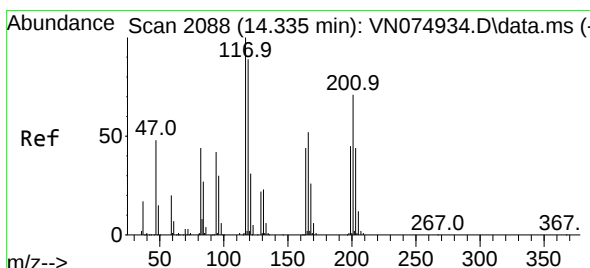
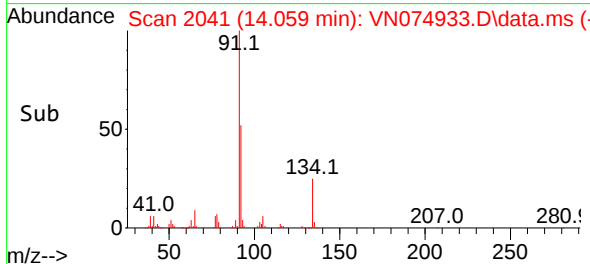
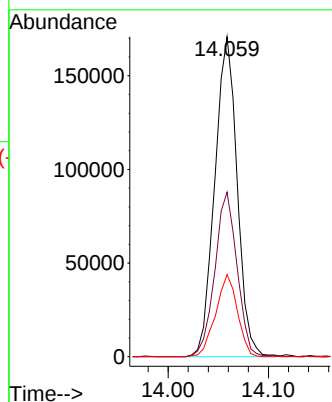
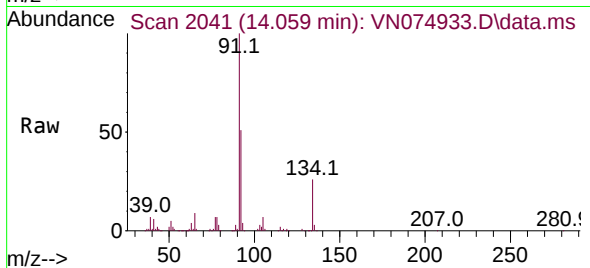




#89
n-Butylbenzene
Concen: 19.289 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

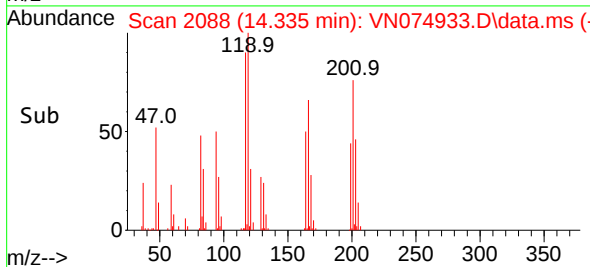
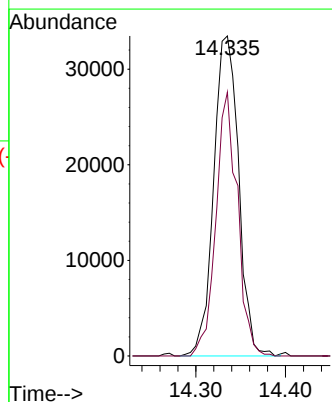
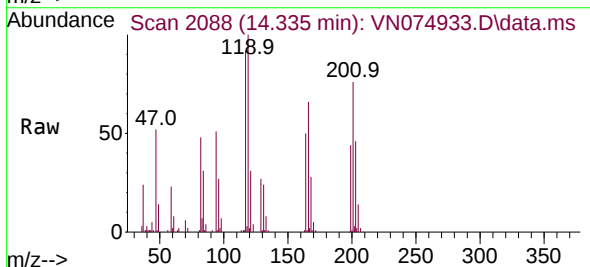
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

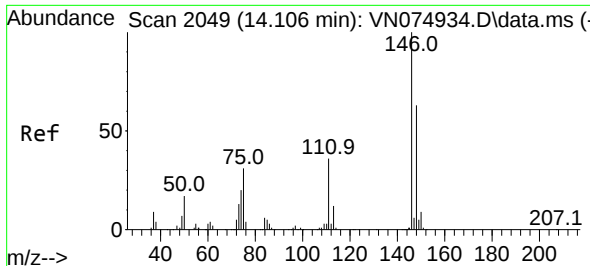
Tgt Ion: 91 Resp: 264447
Ion Ratio Lower Upper
91 100
92 51.0 25.0 75.0
134 24.9 12.0 36.0



#90
Hexachloroethane
Concen: 17.791 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074933.D
Acq: 19 Oct 2022 16:08

Tgt Ion: 117 Resp: 64741
Ion Ratio Lower Upper
117 100
201 71.0 33.5 100.4

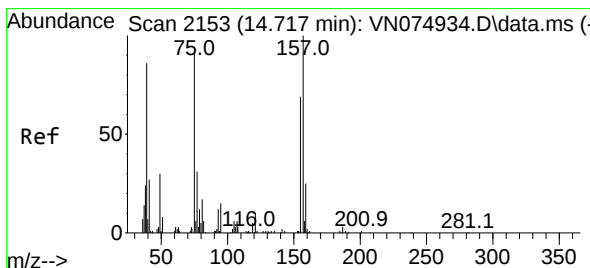
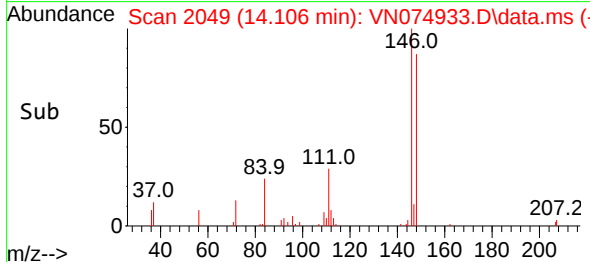
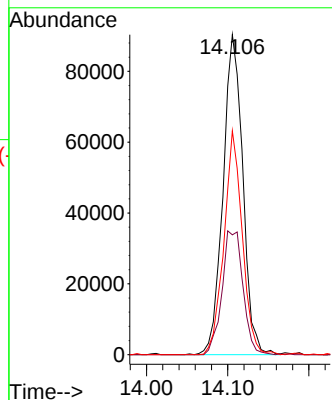
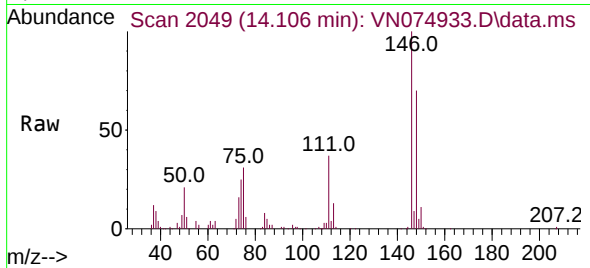




#91
 1,2-Dichlorobenzene
 Concen: 18.769 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. 0.000 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

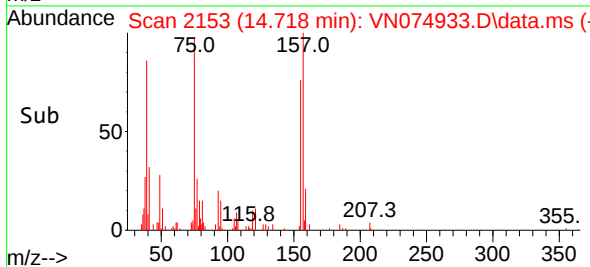
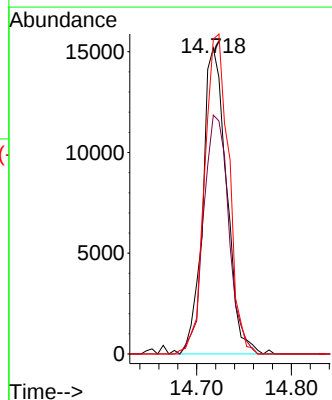
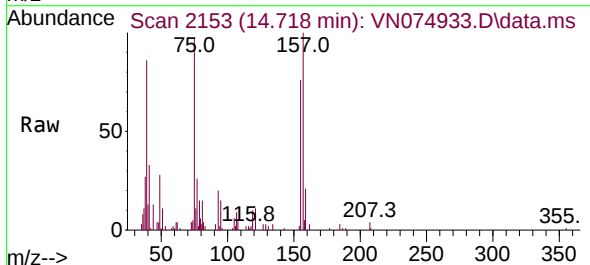
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

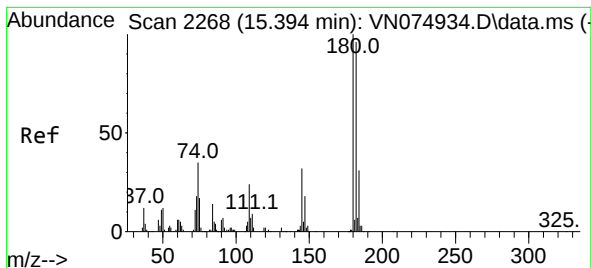
Tgt Ion:146 Resp: 153082
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.3 57.8
 148 65.1 31.4 94.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.218 ug/l
 RT: 14.718 min Scan# 2153
 Delta R.T. 0.000 min
 Lab File: VN074933.D
 Acq: 19 Oct 2022 16:08

Tgt Ion: 75 Resp: 26430
 Ion Ratio Lower Upper
 75 100
 155 82.7 46.6 139.7
 157 105.9 59.4 178.2





#93

1,2,4-Trichlorobenzene

Concen: 18.959 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

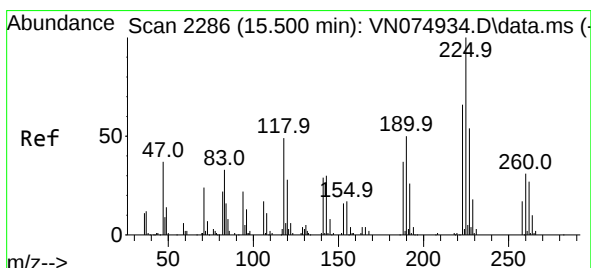
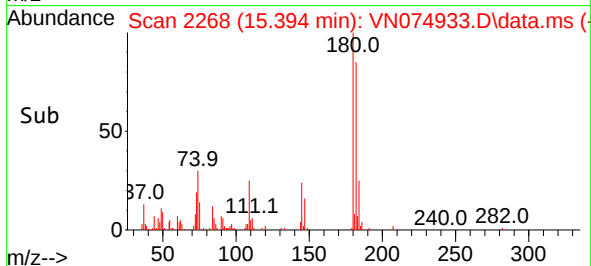
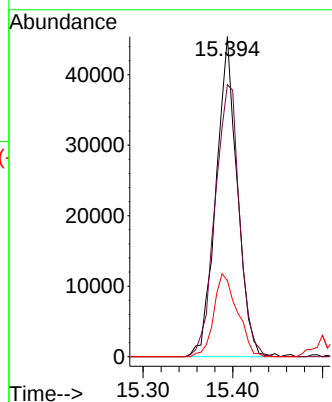
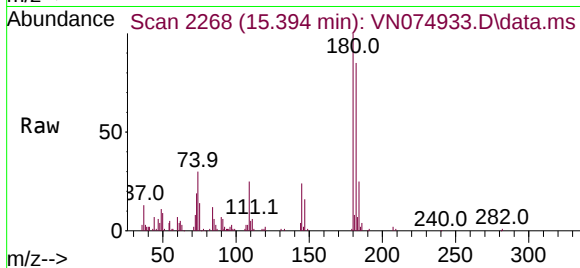
Tgt Ion:180 Resp: 74869

Ion Ratio Lower Upper

180 100

182 97.1 47.9 143.8

145 28.6 15.0 45.1



#94

Hexachlorobutadiene

Concen: 17.921 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

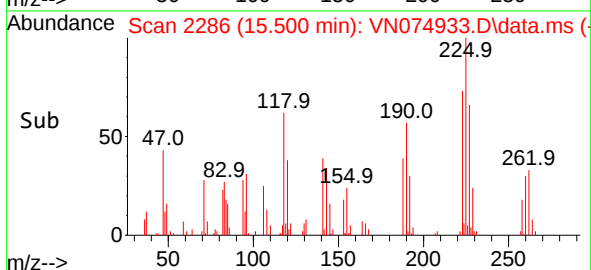
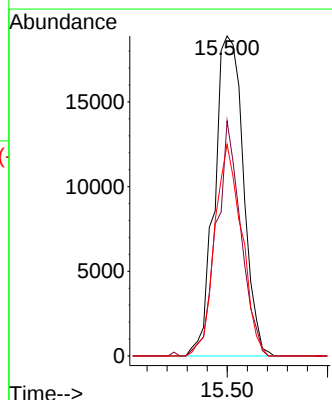
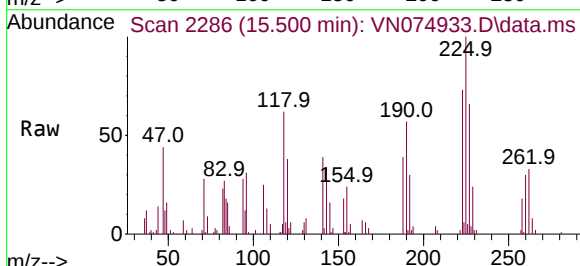
Tgt Ion:225 Resp: 37641

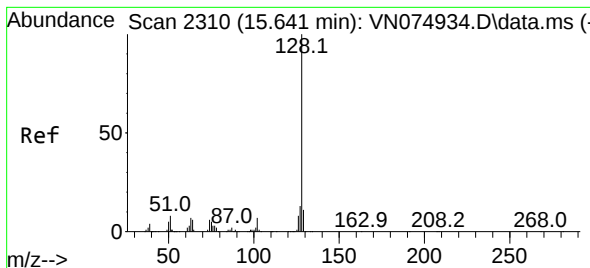
Ion Ratio Lower Upper

225 100

223 61.9 34.3 102.9

227 62.1 31.2 93.6





#95

Naphthalene

Concen: 18.973 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

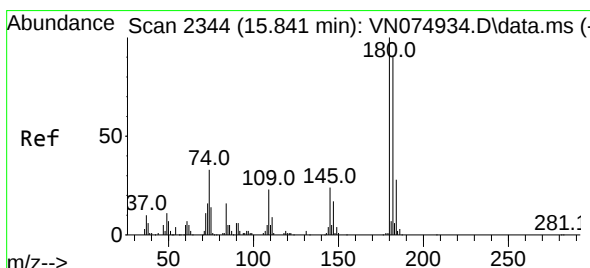
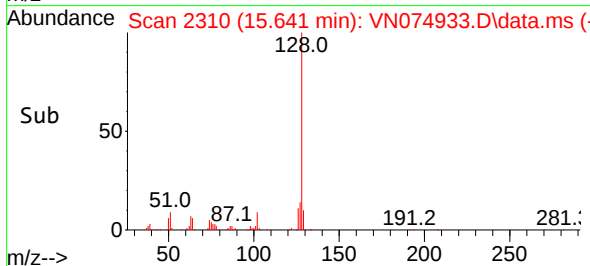
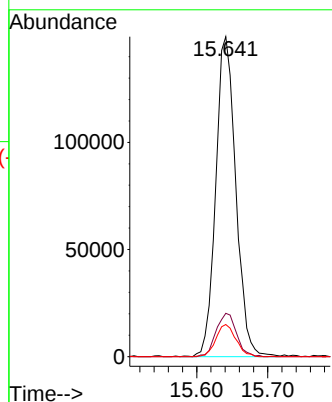
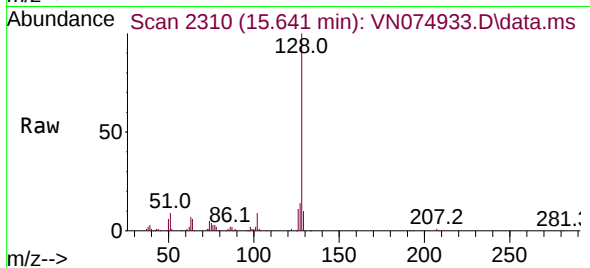
Tgt Ion:128 Resp: 292400

Ion Ratio Lower Upper

128 100

127 13.8 10.4 15.6

129 10.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.460 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN074933.D

Acq: 19 Oct 2022 16:08

Tgt Ion:180 Resp: 79663

Ion Ratio Lower Upper

180 100

182 95.6 46.0 138.0

145 28.5 13.6 40.7

