

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030123\
 Data File : VD075429.D
 Acq On : 01 Mar 2023 15:59
 Operator : KP/SY
 Sample : VSTD10015
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100115

Quant Time: Mar 02 01:04:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 02 01:01:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	397991	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	369995	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	195140	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	760044	76.912	ug/L	0.00
7) Chloroethane-d5	2.799	69	659554	77.105	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.923	63	820340	88.874	ug/L	0.00
21) 2-Butanone-d5	6.987	46	171928	187.745	ug/L	0.00
24) Chloroform-d	7.569	84	888274	85.165	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	380362	84.179	ug/L	0.00
32) Benzene-d6	8.199	84	1848509	84.125	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	515270	82.968	ug/L	0.00
41) Toluene-d8	10.269	98	1760055	87.803	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	222371	87.622	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	174031	194.246	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	435053	83.746	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	611707	89.617	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	586686	95.817	ug/L	99
3) Chloromethane	2.146	50	886199	86.064	ug/L	98
5) Vinyl chloride	2.281	62	1212031	93.596	ug/L	99
6) Bromomethane	2.687	94	691410	112.656	ug/L	99
8) Chloroethane	2.834	64	768243	93.452	ug/L	99
9) Trichlorofluoromethane	3.176	101	922133	95.124	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	653779	97.625	ug/L	99
12) 1,1-Dichloroethene	3.940	96	603647	102.352	ug/L	96
13) Acetone	4.023	43	181973	174.919	ug/L	97
14) Carbon disulfide	4.270	76	1561371	94.692	ug/L	97
15) Methyl Acetate	4.564	43	172063	97.390	ug/L	98
16) Methylene chloride	4.799	84	624816	74.302	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	644690	101.990	ug/L	98
18) Methyl tert-butyl Ether	5.322	73	1291436	109.935	ug/L	98
19) 1,1-Dichloroethane	6.111	63	1050582	98.247	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	741897	103.898	ug/L	100
22) 2-Butanone	7.081	43	253268	192.936	ug/L	96
23) Bromochloromethane	7.428	128	308553	100.861	ug/L	91
25) Chloroform	7.593	83	1131828	97.071	ug/L	99
27) 1,2-Dichloroethane	8.399	62	1779	0.283	ug/L	95
29) Cyclohexane	7.875	56	835266	105.504	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	948508	95.341	ug/L	99
31) Carbon tetrachloride	7.993	117	790936	100.096	ug/L	100
33) Benzene	8.252	78	2601178	97.825	ug/L	100
34) Trichloroethene	9.028	95	672758	96.880	ug/L	98
35) Methylcyclohexane	9.275	83	1143097	105.510	ug/L	99
37) 1,2-Dichloropropane	9.305	63	636272	97.378	ug/L	99
38) Bromodichloromethane	9.587	83	820967	94.981	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	1046014	104.604	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	536535	214.121	ug/L	100
42) Toluene	10.334	91	2992722	102.759	ug/L	99
44) trans-1,3-Dichloropropene	10.552	75	861478	104.564	ug/L	100

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 Quant Title : SFAM01.0
 QLast Update : Thu Mar 02 01:01:13 2023
 Response via : Initial Calibration

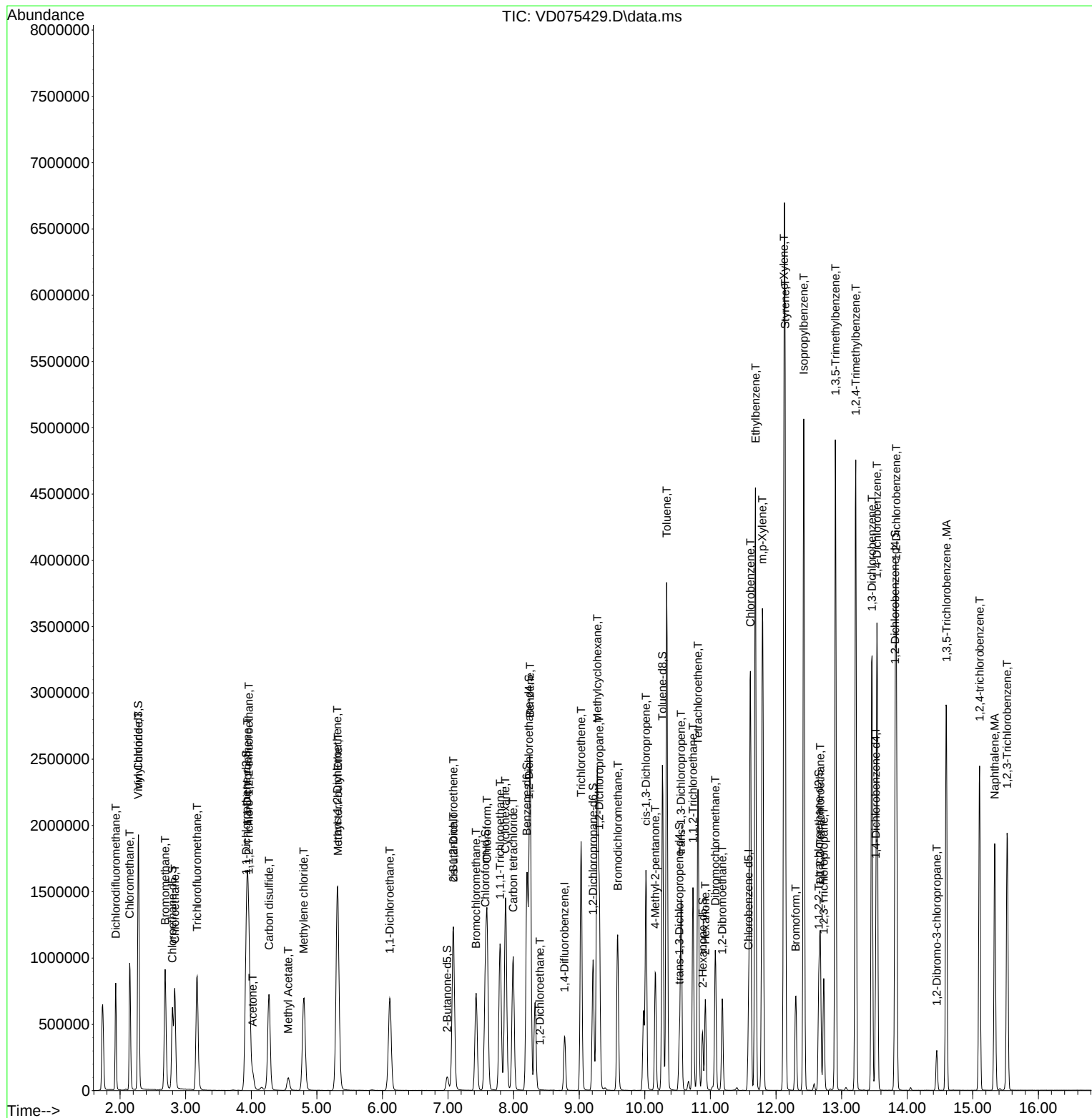
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	512602	98.223	ug/L	98
46) Tetrachloroethene	10.810	164	535876	100.707	ug/L	99
48) 2-Hexanone	10.922	43	386180	209.468	ug/L	97
49) Dibromochloromethane	11.075	129	578590	101.493	ug/L	99
50) 1,2-Dibromoethane	11.181	107	467327	99.064	ug/L	95
51) Chlorobenzene	11.610	112	1932060	102.113	ug/L	99
52) Ethylbenzene	11.687	91	3286776	106.172	ug/L	99
53) m,p-Xylene	11.793	106	1314116	107.741	ug/L	98
54) o-Xylene	12.122	106	1302286	112.871	ug/L	97
55) Styrene	12.140	104	2263152	110.440	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	565534	99.011	ug/L	98
59) Bromoform	12.299	173	339480	96.410	ug/L	99
60) Isopropylbenzene	12.422	105	3393642	103.404	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	355821	90.963	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	2690189	109.193	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	2646541	109.860	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	1486300	102.375	ug/L	96
65) 1,4-Dichlorobenzene	13.540	146	1485787	99.489	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	1330841	102.880	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	73825	97.185	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.598	180	950732	104.429	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	796914	108.868	ug/L	97
71) Naphthalene	15.334	128	1652337	113.810	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	701704	108.754	ug/L	100

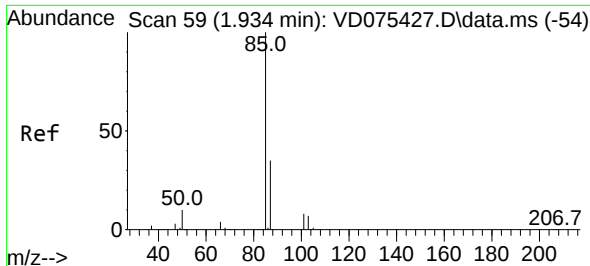
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Quant Title : SFAM01.0
QLast Update : Thu Mar 02 01:01:13 2023
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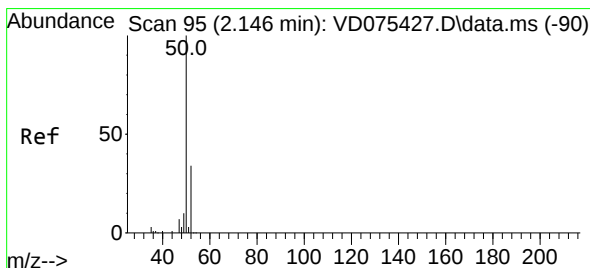
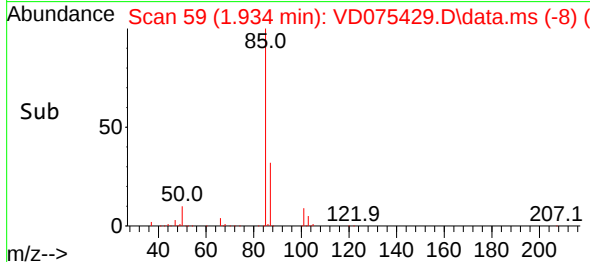
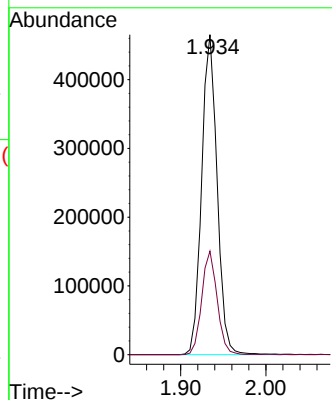
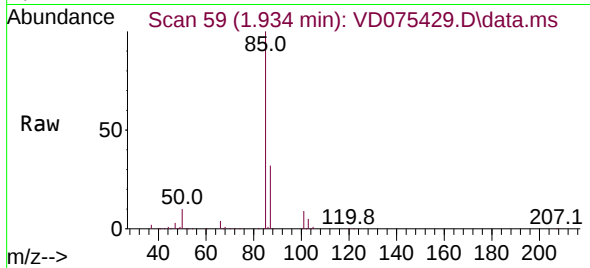




#2
Dichlorodifluoromethane
Concen: 95.817 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

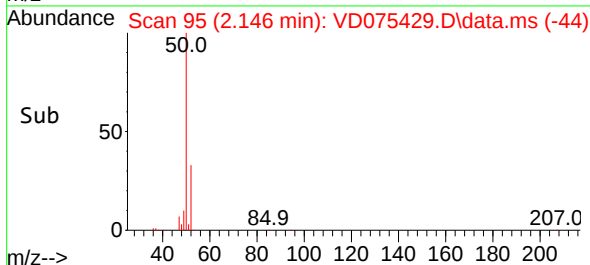
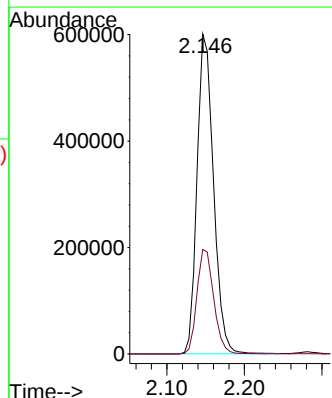
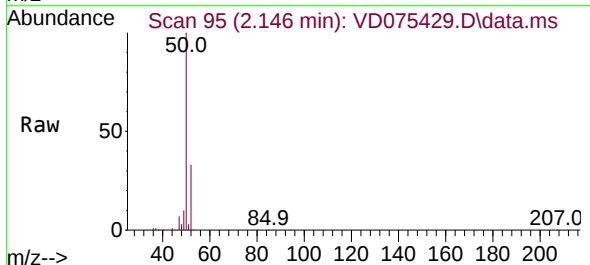
Instrument :
MSVOA_D
ClientSampleId :
VSTD100115

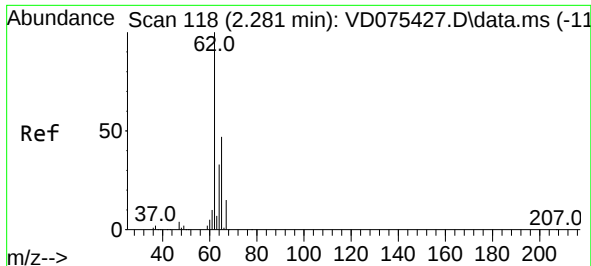
Tgt Ion: 85 Resp: 586686
Ion Ratio Lower Upper
85 100
87 32.2 26.4 39.6



#3
Chloromethane
Concen: 86.064 ug/L
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion: 50 Resp: 886199
Ion Ratio Lower Upper
50 100
52 32.6 23.7 43.9

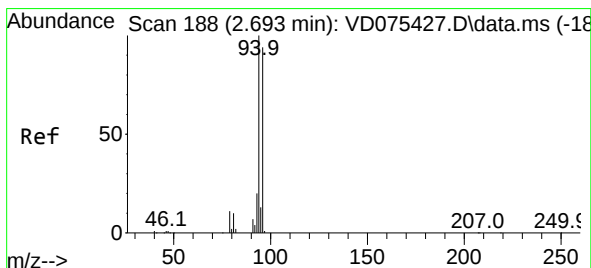
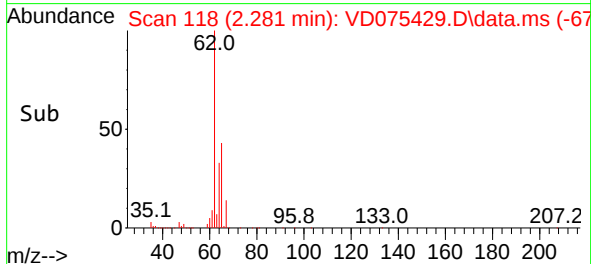
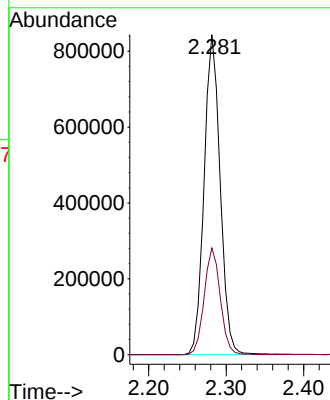
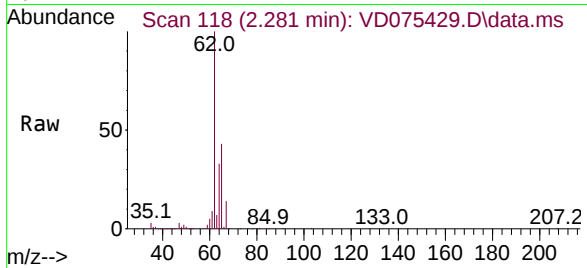




#5
Vinyl chloride
Concen: 93.596 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

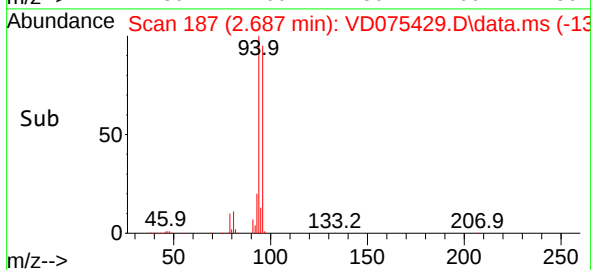
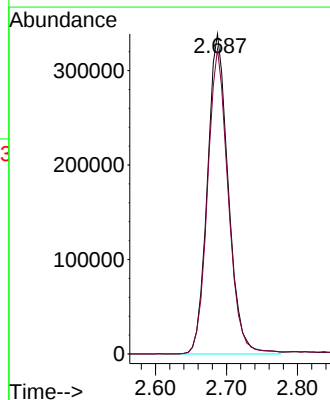
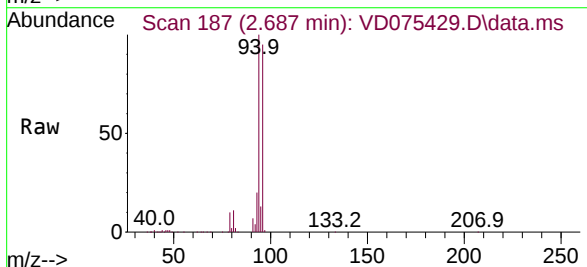
Instrument :
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ClientSampleId :
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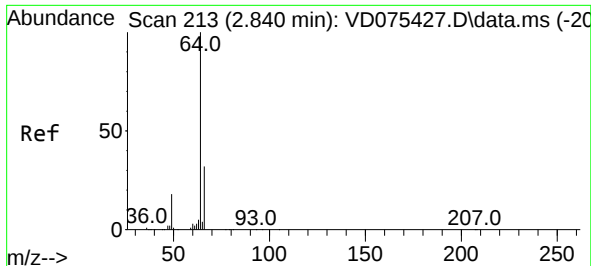
Tgt Ion: 62 Resp: 1212031
Ion Ratio Lower Upper
62 100
64 33.3 22.7 42.3



#6
Bromomethane
Concen: 112.656 ug/L
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion: 94 Resp: 691410
Ion Ratio Lower Upper
94 100
96 95.4 65.9 122.5

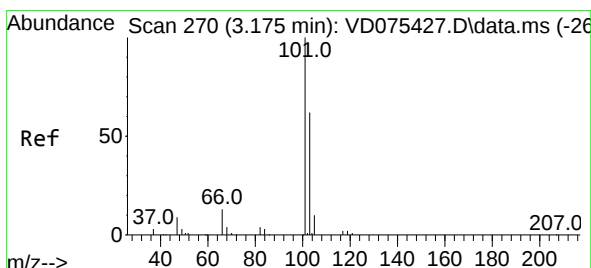
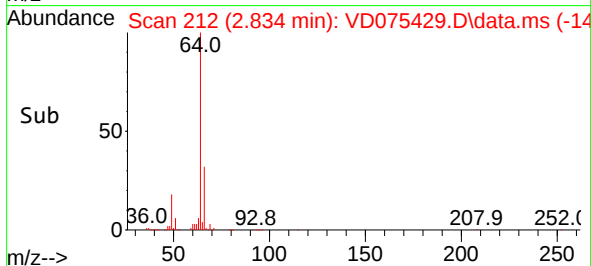
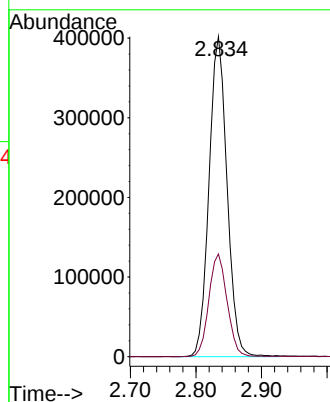
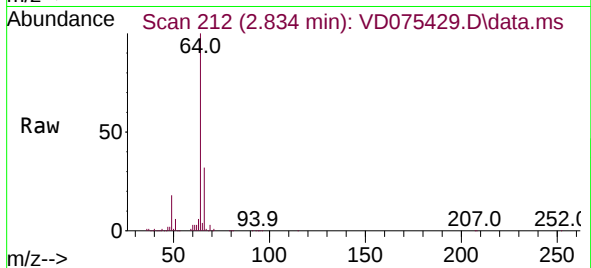




#8
Chloroethane
Concen: 93.452 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

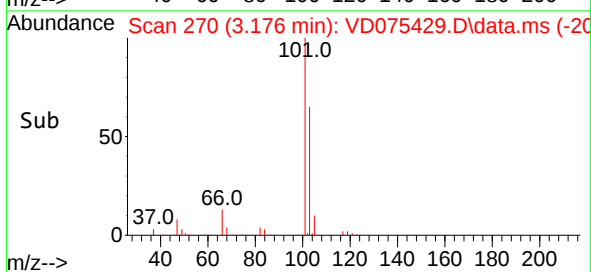
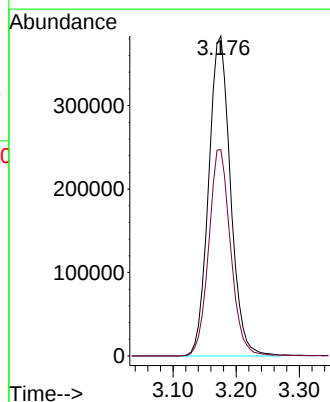
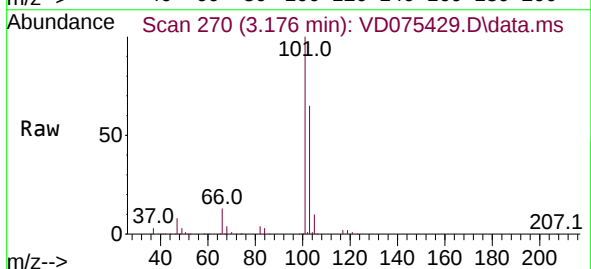
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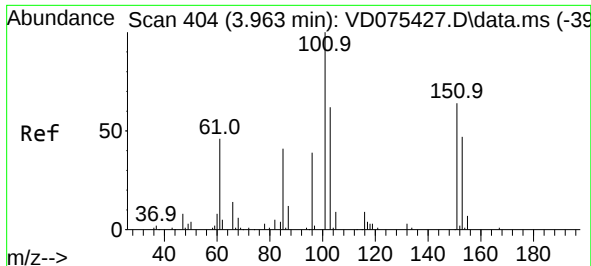
Tgt Ion: 64 Resp: 768243
Ion Ratio Lower Upper
64 100
66 32.1 22.2 41.2



#9
Trichlorofluoromethane
Concen: 95.124 ug/L
RT: 3.176 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion:101 Resp: 922133
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8

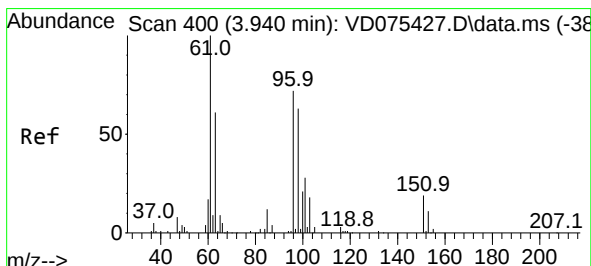
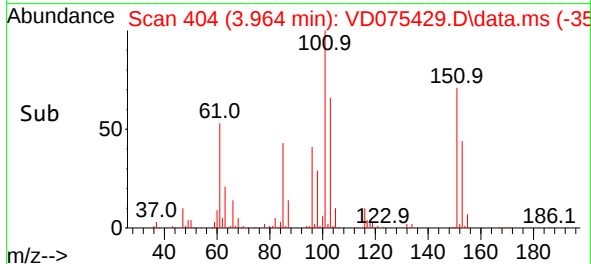
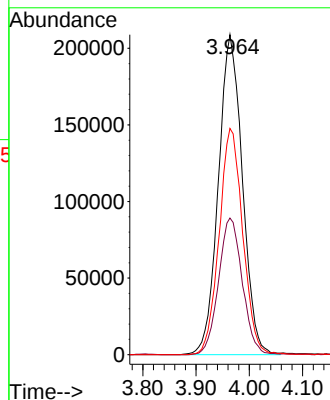
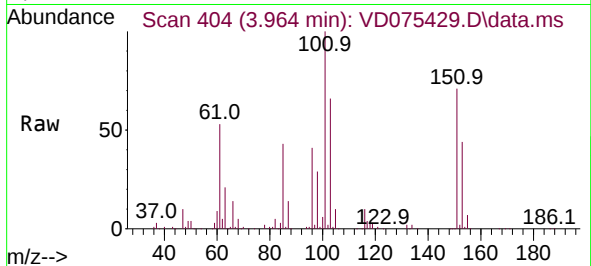




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 97.625 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD075429.D
 Acq: 01 Mar 2023 15:59

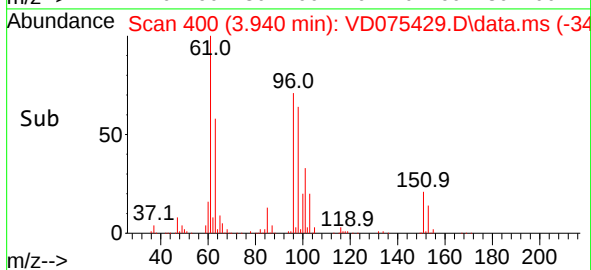
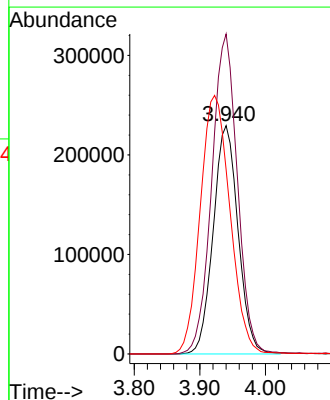
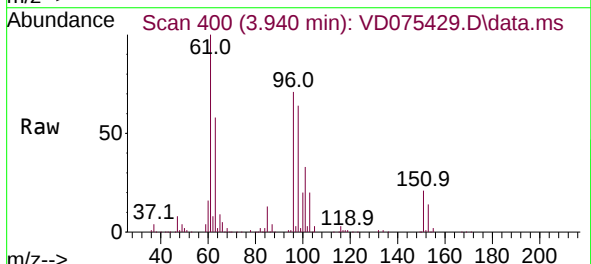
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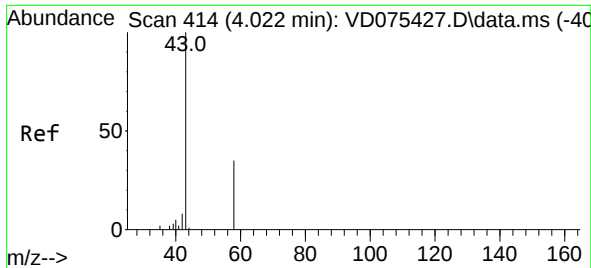
Tgt Ion:101 Resp: 653779
 Ion Ratio Lower Upper
 101 100
 85 42.2 34.0 51.0
 151 69.4 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 102.352 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VD075429.D
 Acq: 01 Mar 2023 15:59

Tgt Ion: 96 Resp: 603647
 Ion Ratio Lower Upper
 96 100
 61 140.1 97.5 181.1
 63 80.7 62.4 116.0





#13

Acetone

Concen: 174.919 ug/L

RT: 4.023 min Scan# 414

Delta R.T. 0.000 min

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MSVOA_D

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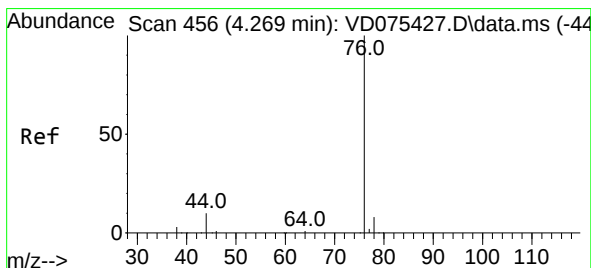
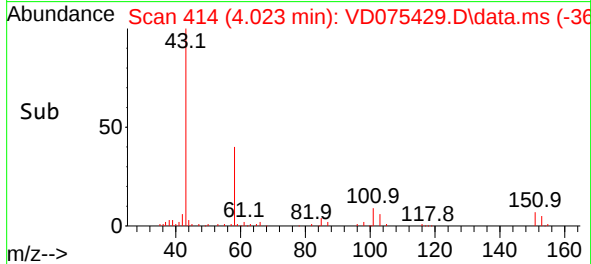
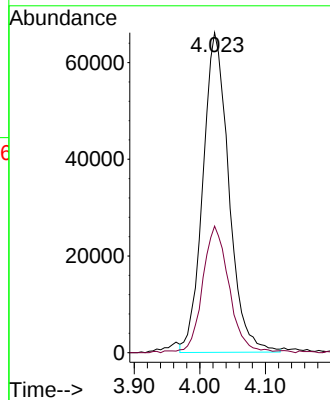
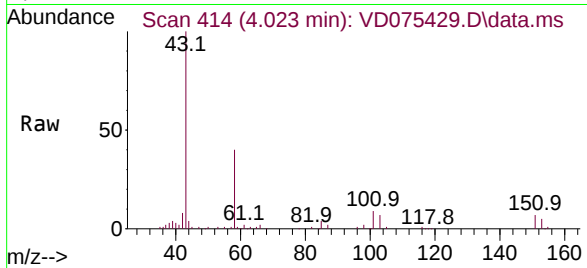
VSTD100115

Tgt Ion: 43 Resp: 181973

Ion Ratio Lower Upper

43 100

58 39.8 0.0 75.4



#14

Carbon disulfide

Concen: 94.692 ug/L

RT: 4.270 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD075429.D

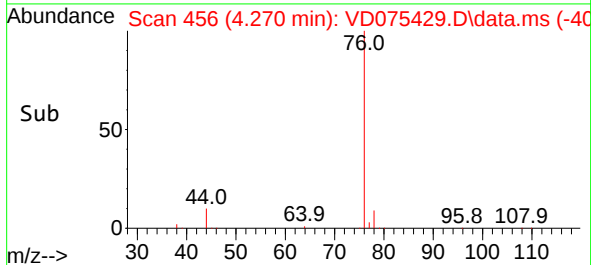
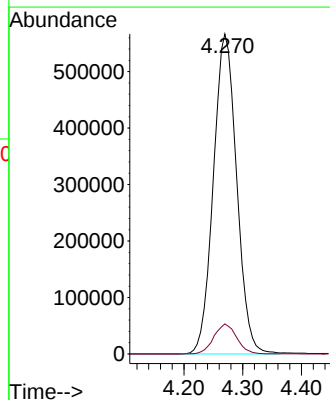
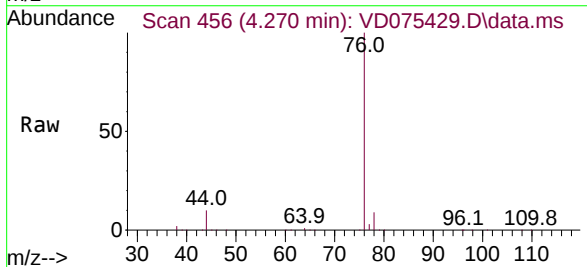
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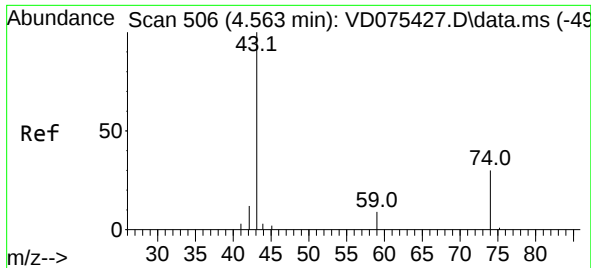
Tgt Ion: 76 Resp: 1561371

Ion Ratio Lower Upper

76 100

78 9.4 6.8 10.2

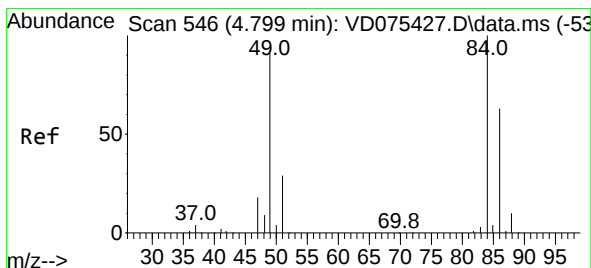
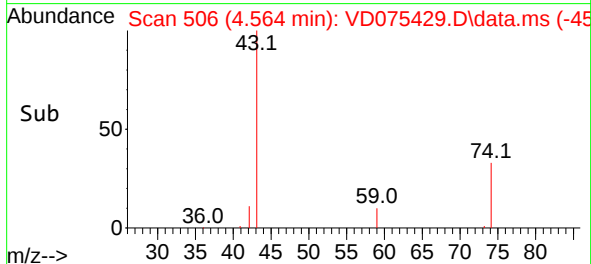
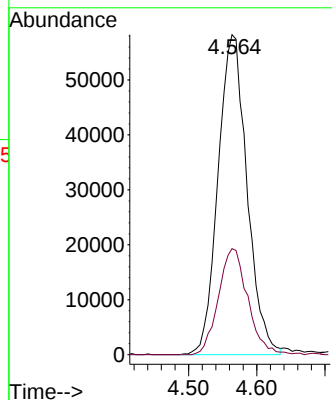
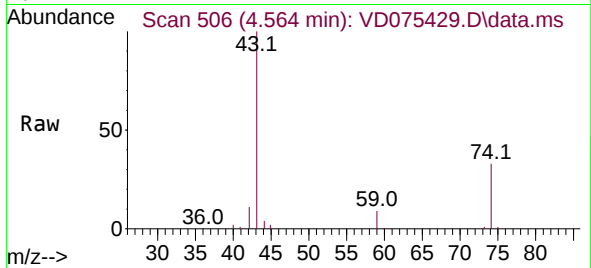




#15
Methyl Acetate
Concen: 97.390 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

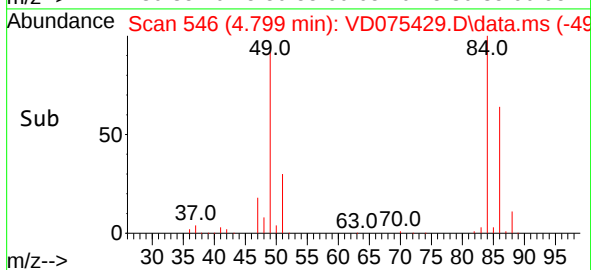
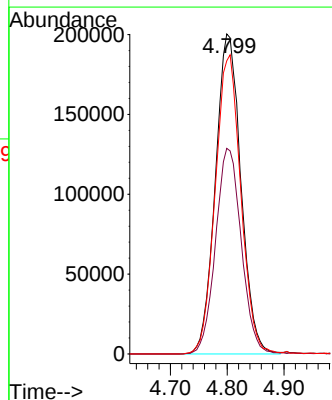
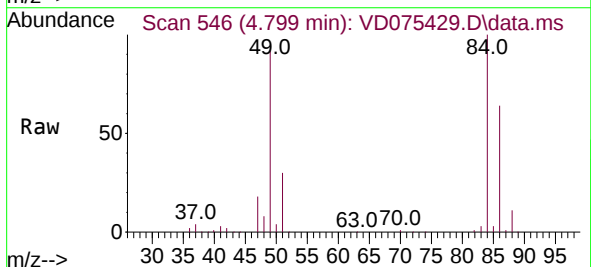
Instrument :
MSVOA_D
ClientSampleId :
VSTD100115

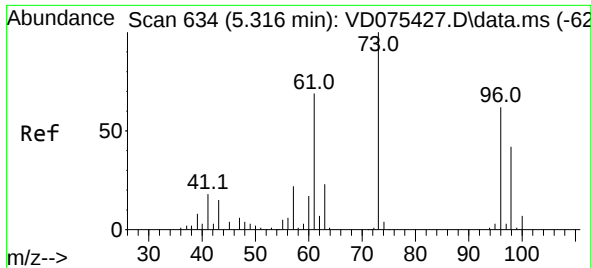
Tgt Ion: 43 Resp: 172063
Ion Ratio Lower Upper
43 100
74 33.3 25.7 38.5



#16
Methylene chloride
Concen: 74.302 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion: 84 Resp: 624816
Ion Ratio Lower Upper
84 100
86 64.2 44.2 82.2
49 91.6 63.6 118.2

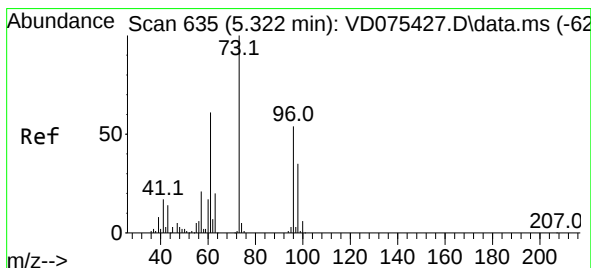
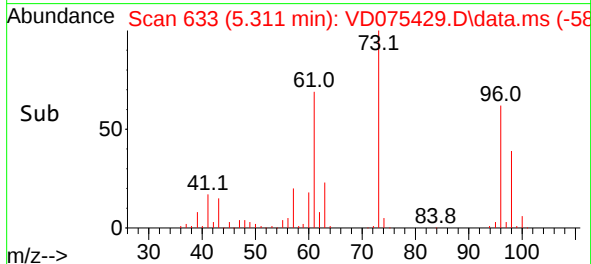
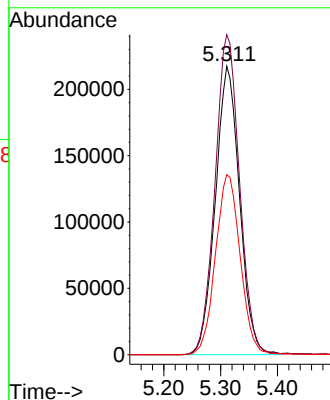
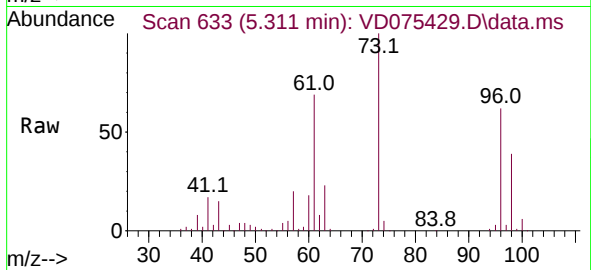




#17
trans-1,2-Dichloroethene
Concen: 101.990 ug/L
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

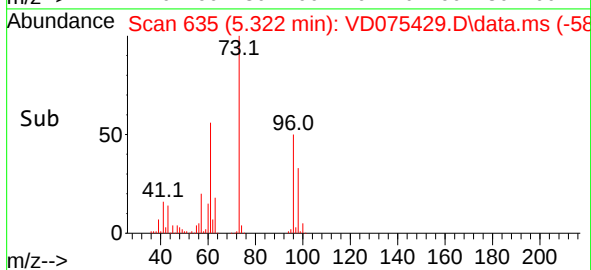
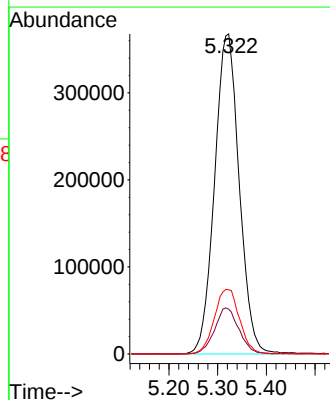
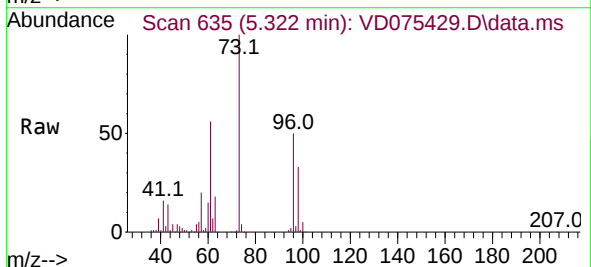
Instrument :
MSVOA_D
ClientSampleId :
VSTD100115

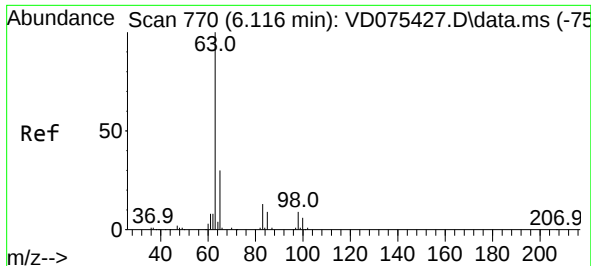
Tgt Ion: 96 Resp: 644690
Ion Ratio Lower Upper
96 100
61 110.9 77.8 144.6
98 62.4 47.0 87.4



#18
Methyl tert-butyl Ether
Concen: 109.935 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion: 73 Resp: 1291436
Ion Ratio Lower Upper
73 100
43 14.2 12.1 18.1
57 20.7 17.0 25.4





#19

1,1-Dichloroethane

Concen: 98.247 ug/L

RT: 6.111 min Scan# 770

Delta R.T. -0.006 min

Lab File: VD075429.D

Acq: 01 Mar 2023 15:59

Instrument :

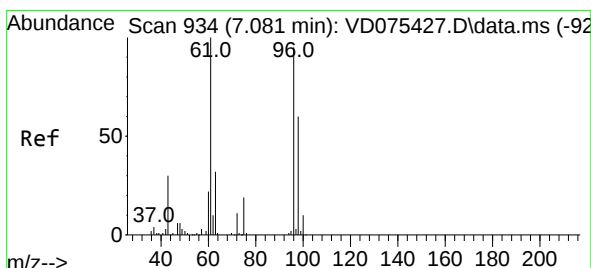
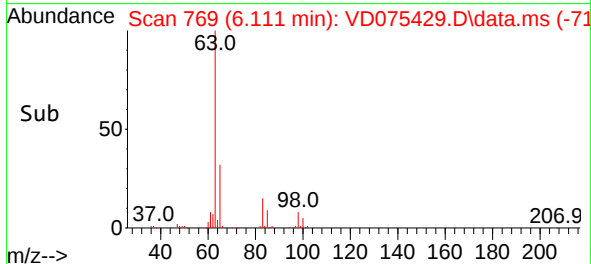
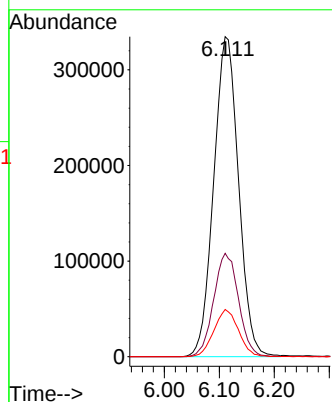
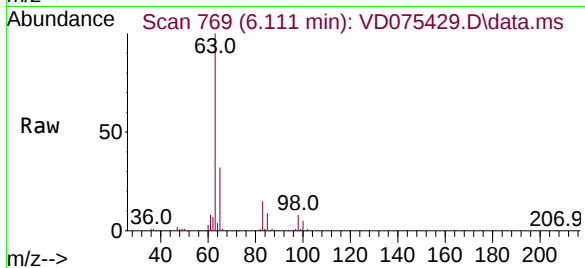
MSVOA_D

ClientSampleId :

VSTD100115

Tgt Ion: 63 Resp: 1050582

Ion	Ratio	Lower	Upper
63	100		
65	32.3	21.1	39.3
83	14.8	9.3	17.3



#20

cis-1,2-Dichloroethene

Concen: 103.898 ug/L

RT: 7.081 min Scan# 934

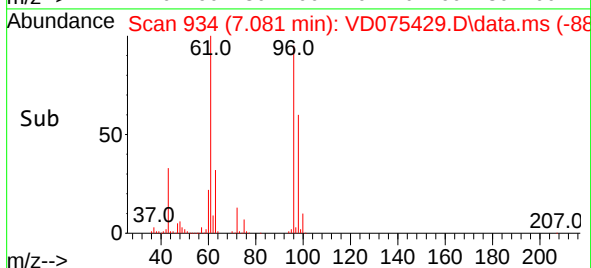
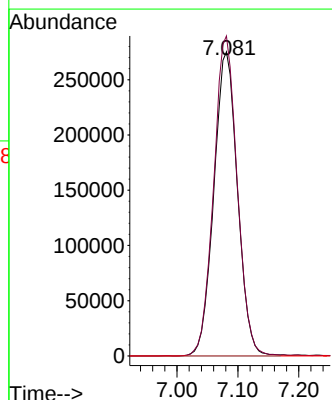
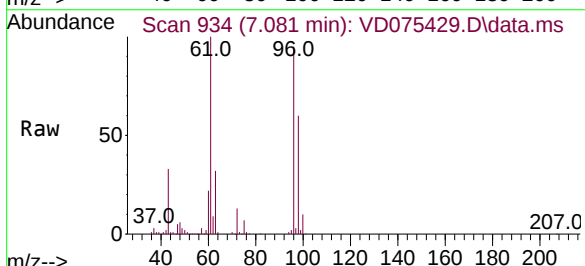
Delta R.T. 0.000 min

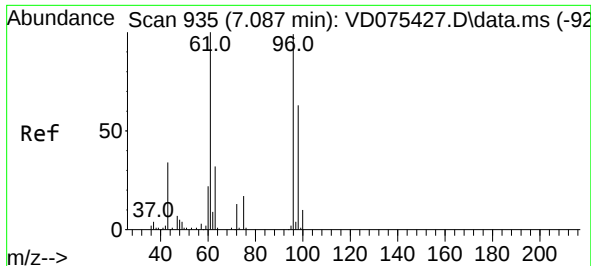
Lab File: VD075429.D

Acq: 01 Mar 2023 15:59

Tgt Ion: 96 Resp: 741897

Ion	Ratio	Lower	Upper
96	100		
61	105.2	73.9	137.3
68	0.0	0.0	0.0

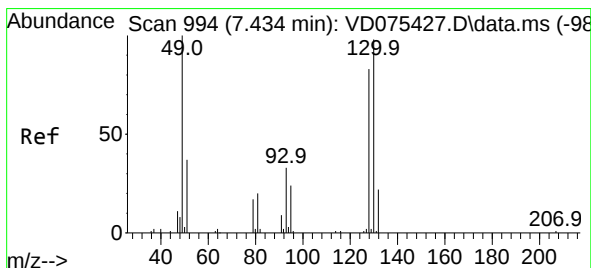
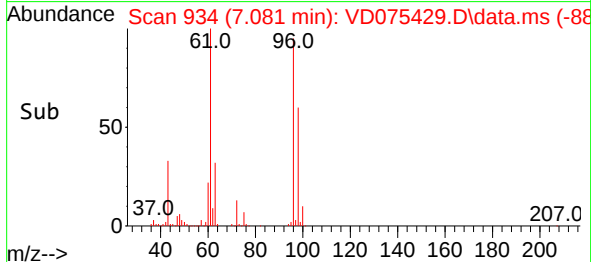
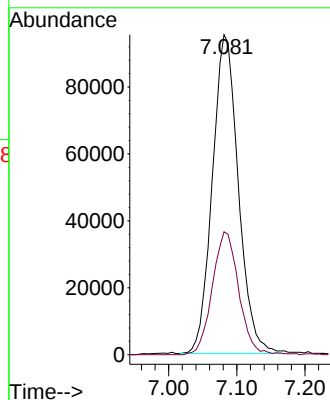
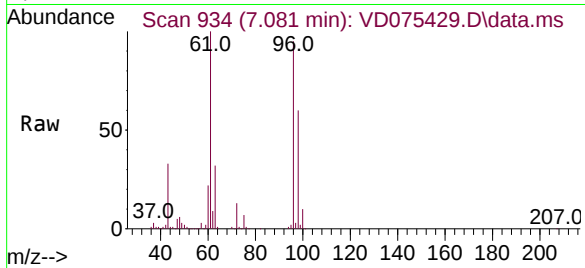




#22
2-Butanone
Concen: 192.936 ug/L
RT: 7.081 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

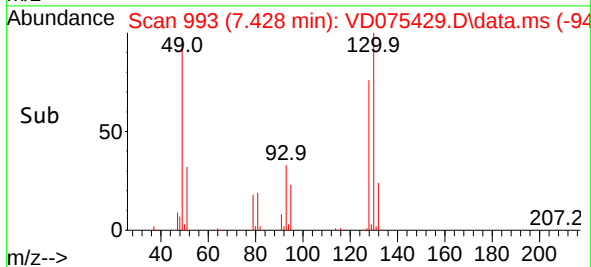
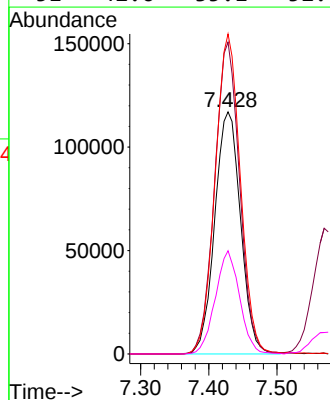
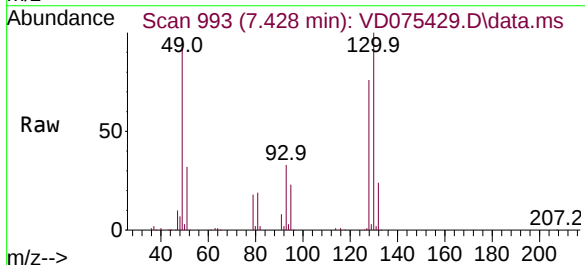
Instrument :
MSVOA_D
ClientSampleId :
VSTD100115

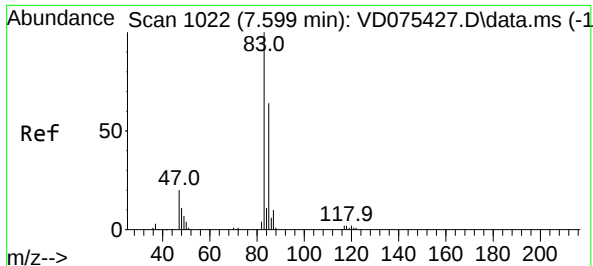
Tgt Ion: 43 Resp: 253268
Ion Ratio Lower Upper
43 100
72 38.8 18.3 54.9



#23
Bromochloromethane
Concen: 100.861 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion: 128 Resp: 308553
Ion Ratio Lower Upper
128 100
49 128.8 84.2 156.4
130 132.2 82.5 153.1
51 42.6 35.1 52.7





#25

Chloroform

Concen: 97.071 ug/L

RT: 7.593 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD075429.D

Acq: 01 Mar 2023 15:59

Instrument :

MSVOA_D

ClientSampleId :

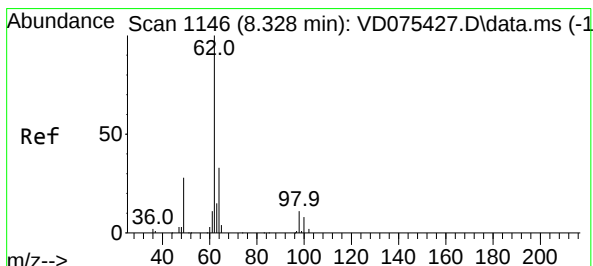
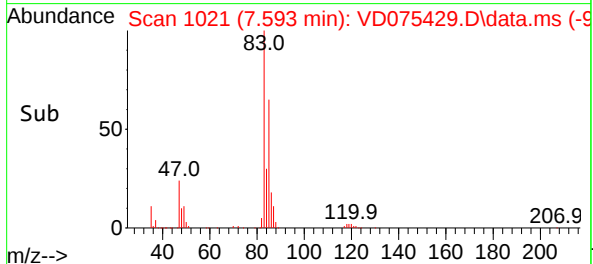
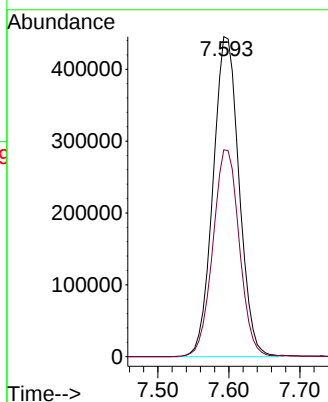
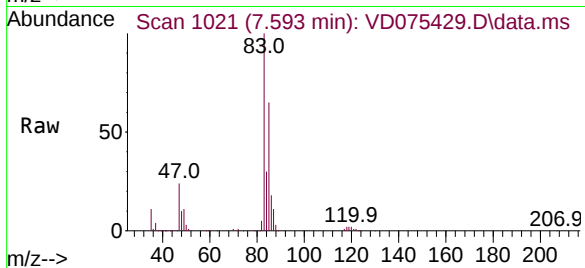
VSTD100115

Tgt Ion: 83 Resp: 1131828

Ion Ratio Lower Upper

83 100

85 64.7 44.9 83.3



#27

1,2-Dichloroethane

Concen: 0.283 ug/L

RT: 8.399 min Scan# 1158

Delta R.T. 0.071 min

Lab File: VD075429.D

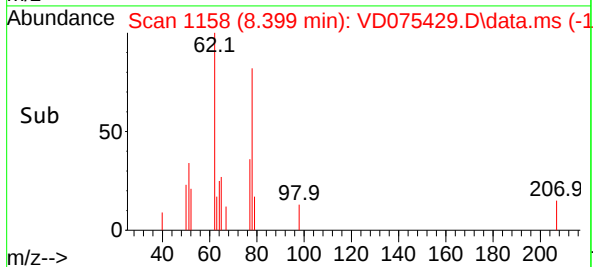
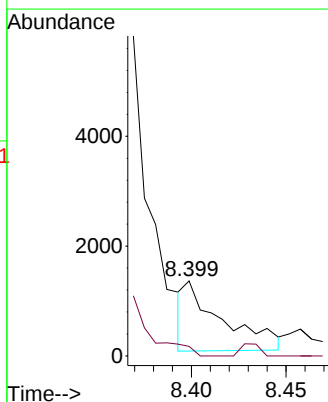
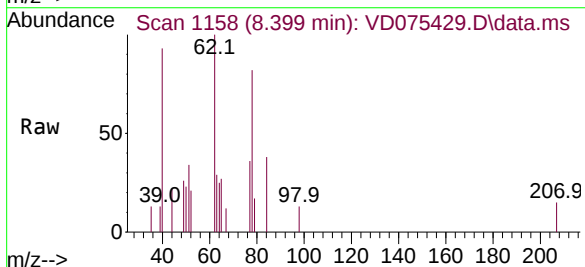
Acq: 01 Mar 2023 15:59

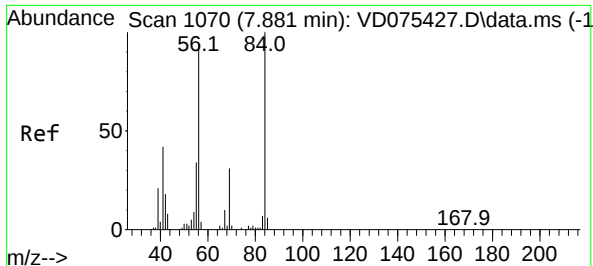
Tgt Ion: 62 Resp: 1779

Ion Ratio Lower Upper

62 100

98 12.8 8.8 13.2





#29

Cyclohexane

Concen: 105.504 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075429.D

Acq: 01 Mar 2023 15:59

Instrument :

MSVOA_D

ClientSampleId :

VSTD100115

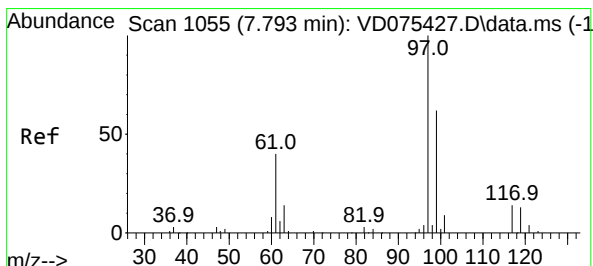
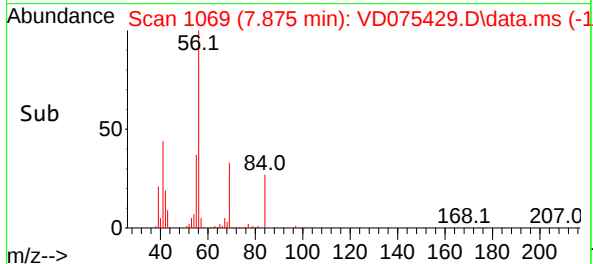
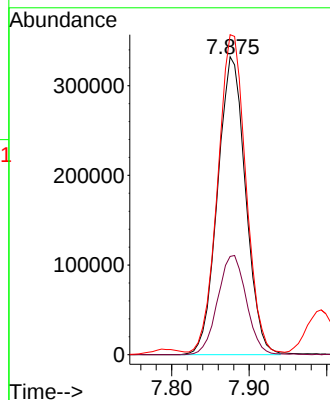
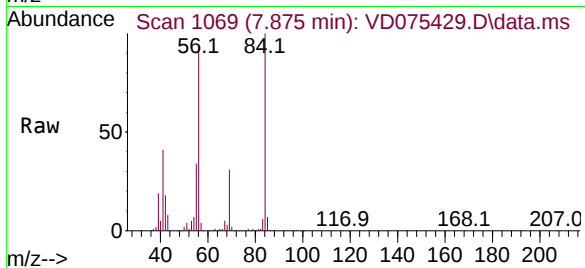
Tgt Ion: 56 Resp: 835266

Ion Ratio Lower Upper

56 100

69 34.0 27.0 40.6

84 108.1 85.0 127.6



#30

1,1,1-Trichloroethane

Concen: 95.341 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD075429.D

Acq: 01 Mar 2023 15:59

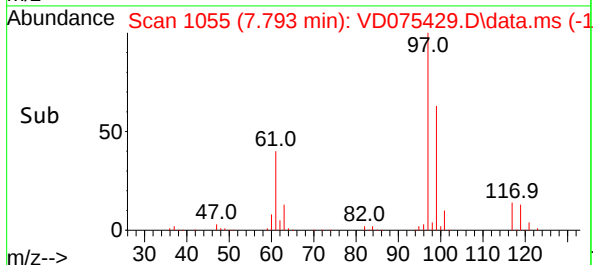
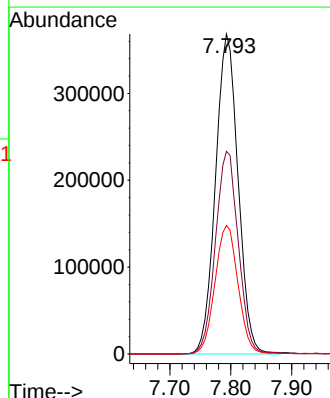
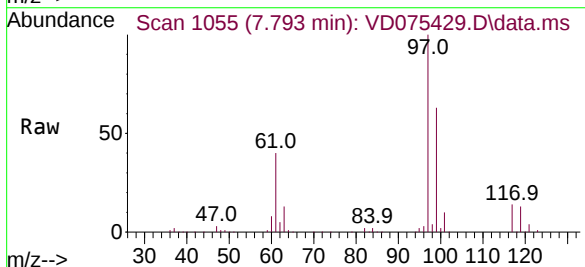
Tgt Ion: 97 Resp: 948508

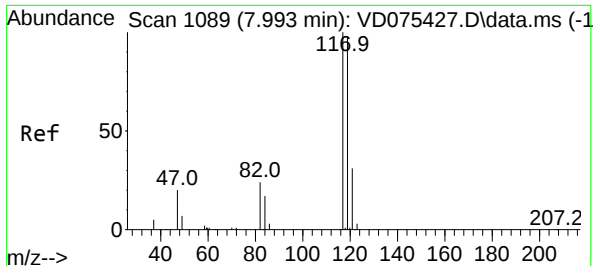
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

61 41.0 34.0 51.0

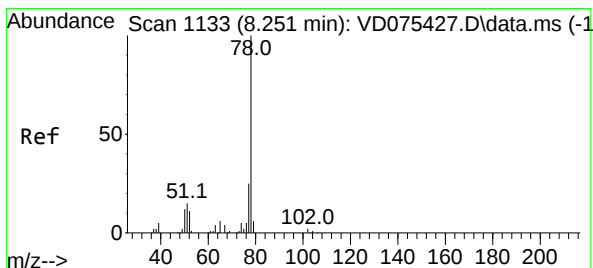
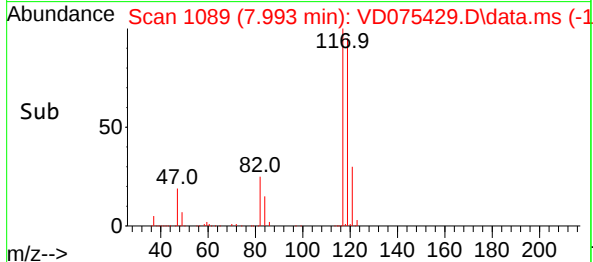
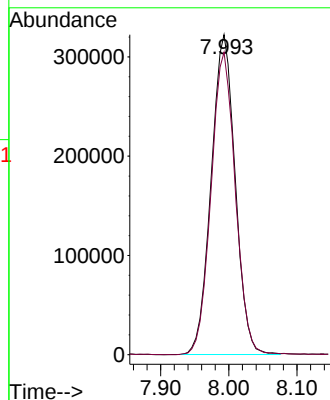
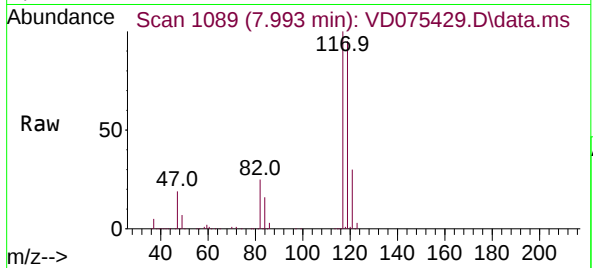




#31
Carbon tetrachloride
Concen: 100.096 ug/L
RT: 7.993 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

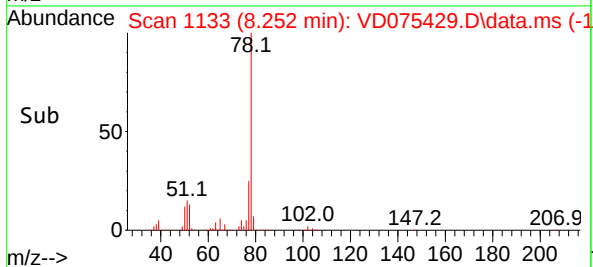
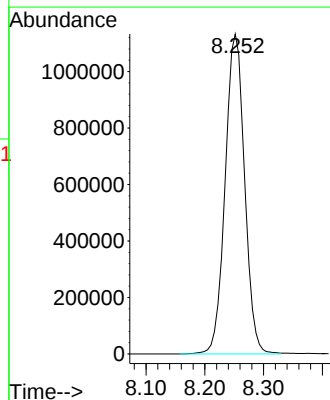
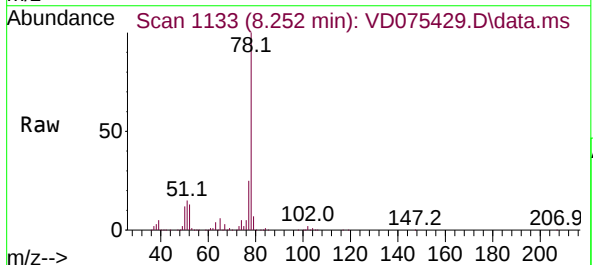
Instrument :
MSVOA_D
ClientSampleId :
VSTD100115

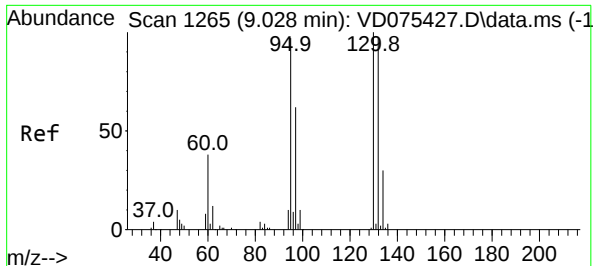
Tgt Ion:117 Resp: 790936
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.2



#33
Benzene
Concen: 97.825 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion: 78 Resp: 2601178





#34

Trichloroethene

Concen: 96.880 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD075429.D

Acq: 01 Mar 2023 15:59

Instrument :

MSVOA_D

ClientSampleId :

VSTD100115

Tgt Ion: 95 Resp: 672758

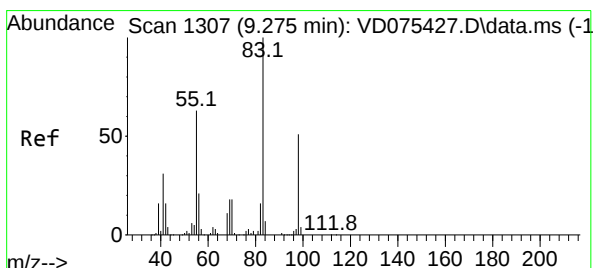
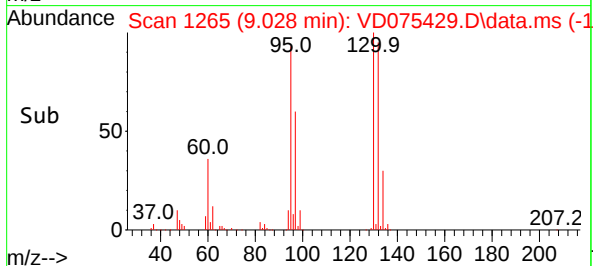
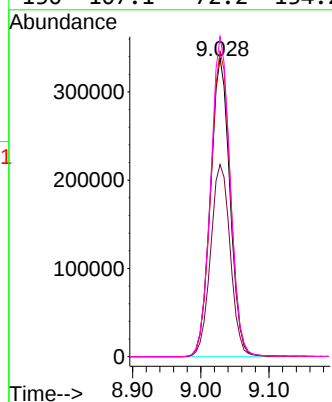
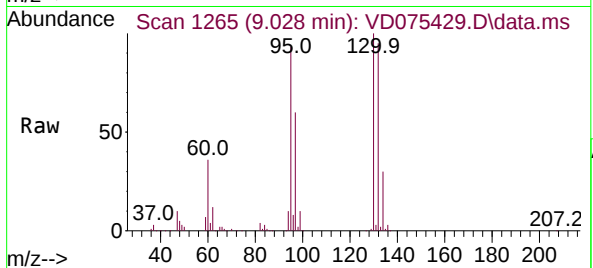
Ion Ratio Lower Upper

95 100

97 64.4 44.7 83.1

132 102.3 70.0 130.0

130 107.1 72.2 134.2



#35

Methylcyclohexane

Concen: 105.510 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD075429.D

Acq: 01 Mar 2023 15:59

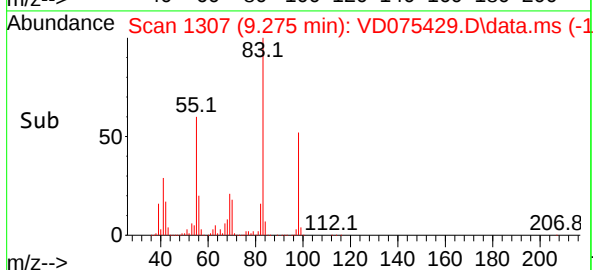
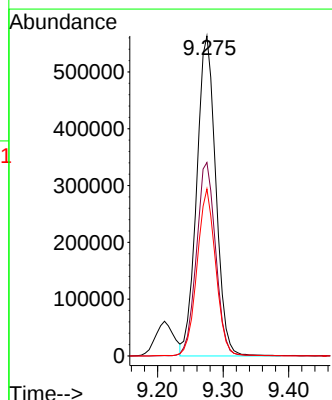
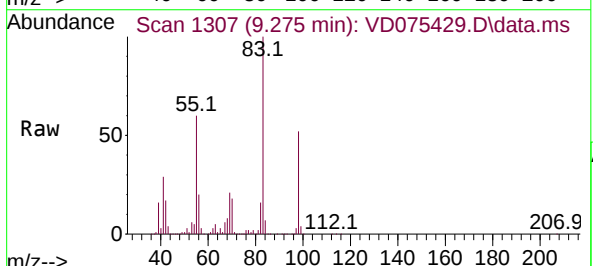
Tgt Ion: 83 Resp: 1143097

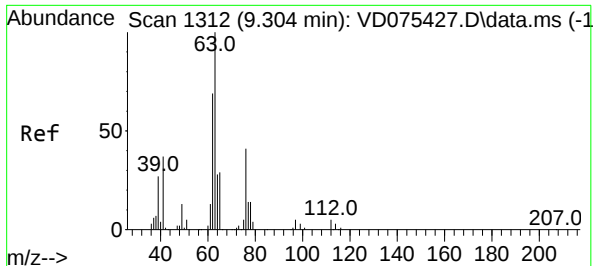
Ion Ratio Lower Upper

83 100

55 60.5 49.3 73.9

98 50.5 39.8 59.6





#37

1,2-Dichloropropane

Concen: 97.378 ug/L

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075429.D

Acq: 01 Mar 2023 15:59

Instrument :

MSVOA_D

ClientSampleId :

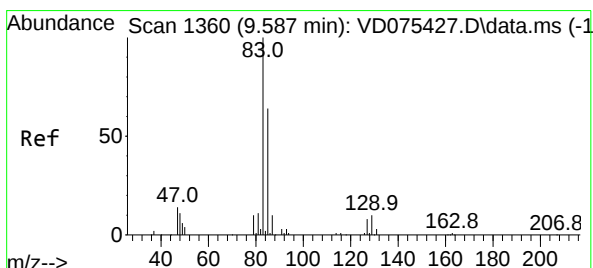
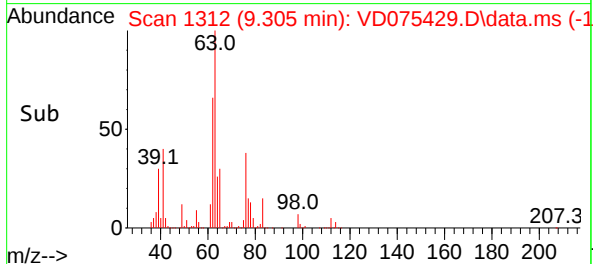
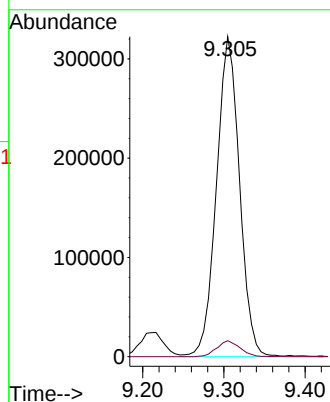
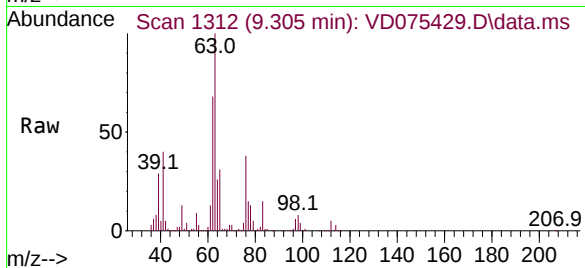
VSTD100115

Tgt Ion: 63 Resp: 636272

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.6



#38

Bromodichloromethane

Concen: 94.981 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD075429.D

Acq: 01 Mar 2023 15:59

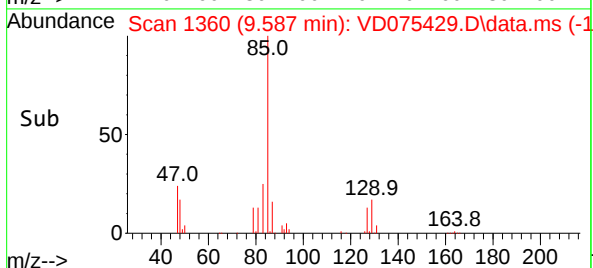
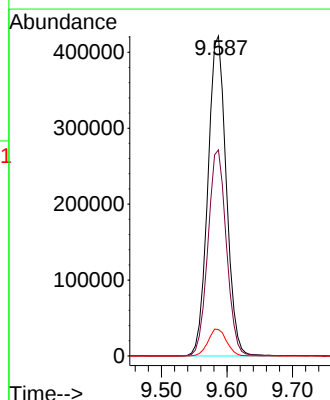
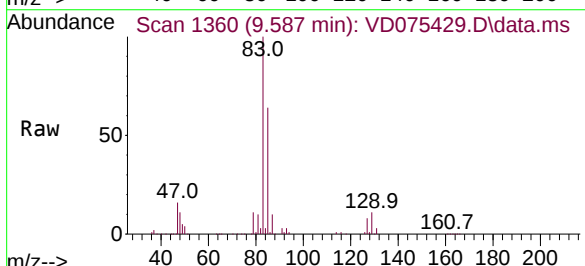
Tgt Ion: 83 Resp: 820967

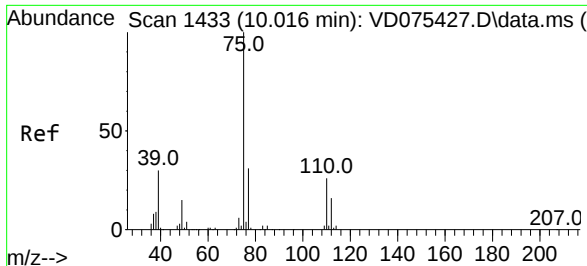
Ion Ratio Lower Upper

83 100

85 64.4 44.6 82.8

127 8.2 6.6 9.8

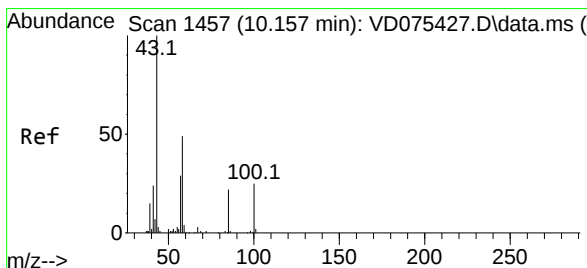
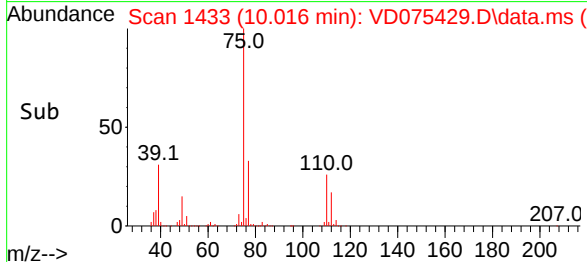
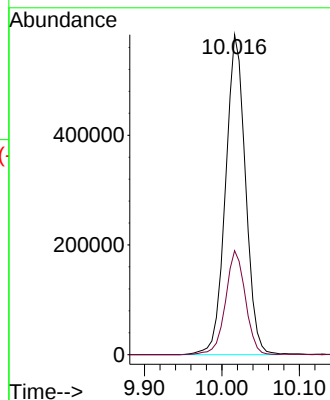
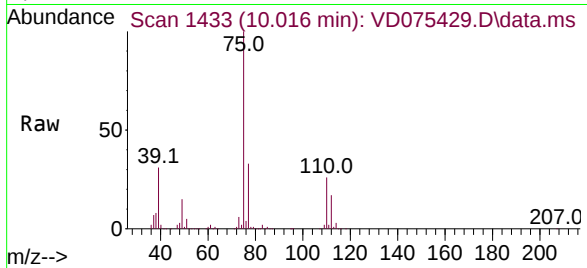




#39
cis-1,3-Dichloropropene
Concen: 104.604 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

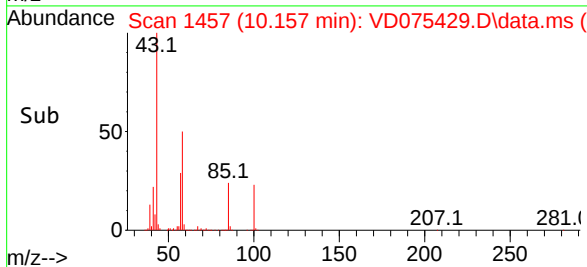
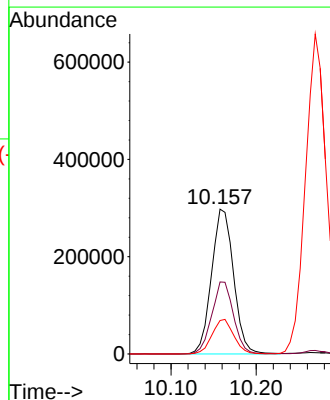
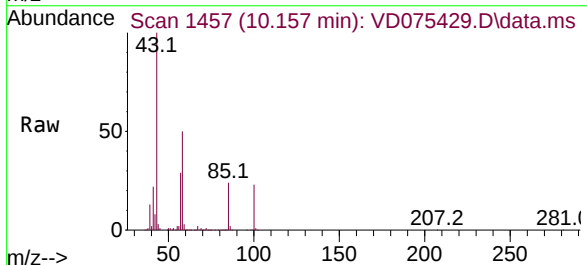
Instrument :
MSVOA_D
ClientSampleId :
VSTD100115

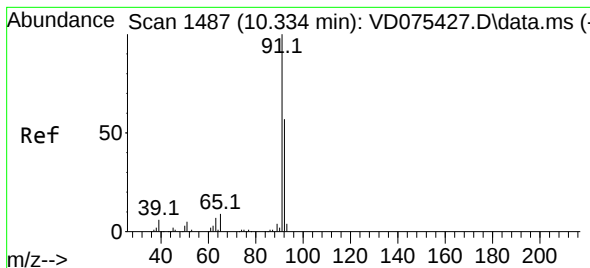
Tgt Ion: 75 Resp: 1046014
Ion Ratio Lower Upper
75 100
77 32.5 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 214.121 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion: 43 Resp: 536535
Ion Ratio Lower Upper
43 100
58 48.5 39.0 58.6
100 23.5 18.7 28.1





#42

Toluene

Concen: 102.759 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD075429.D

Acq: 01 Mar 2023 15:59

Instrument :

MSVOA_D

ClientSampleId :

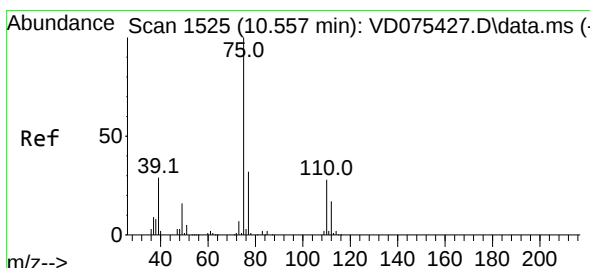
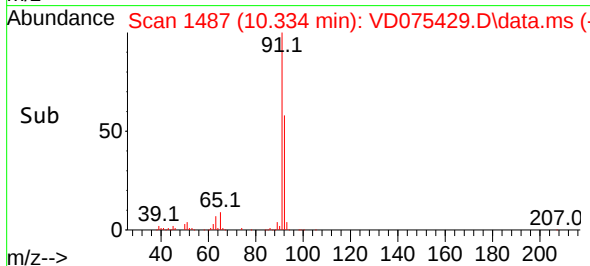
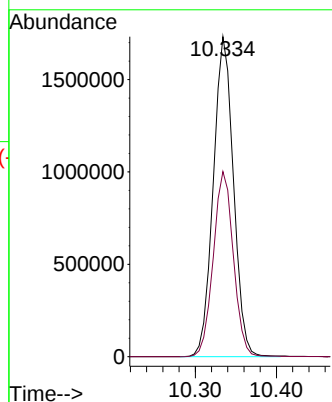
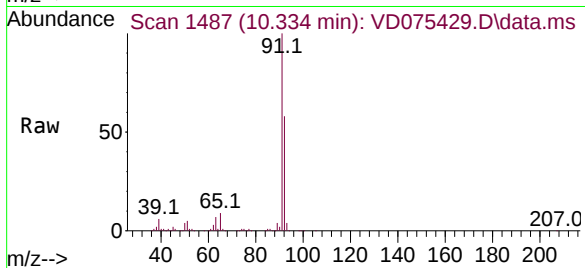
VSTD100115

Tgt Ion: 91 Resp: 2992722

Ion Ratio Lower Upper

91 100

92 57.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 104.564 ug/L

RT: 10.552 min Scan# 1524

Delta R.T. -0.006 min

Lab File: VD075429.D

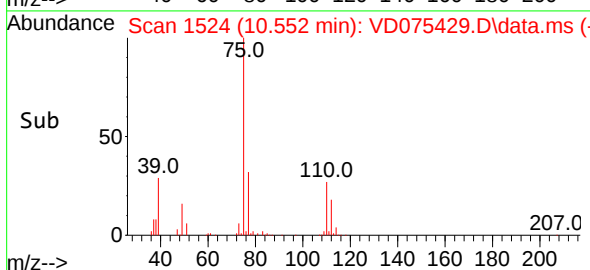
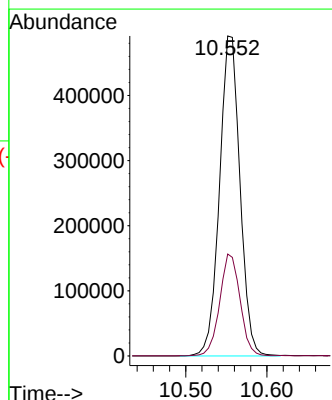
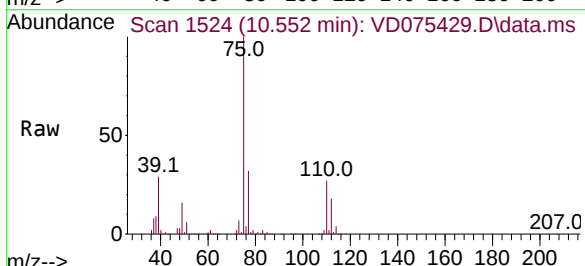
Acq: 01 Mar 2023 15:59

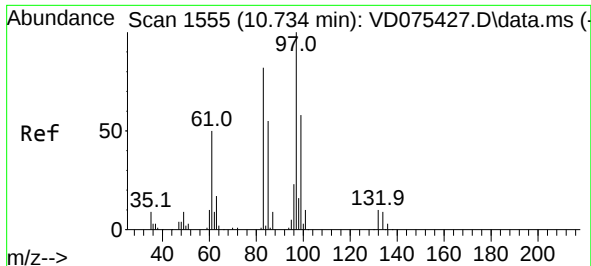
Tgt Ion: 75 Resp: 861478

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6

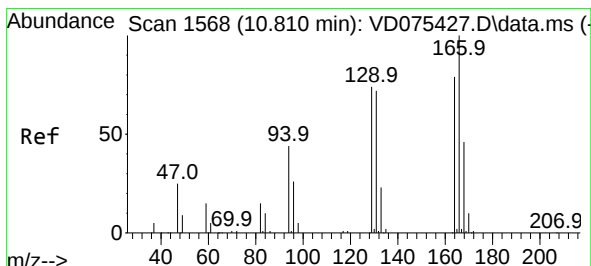
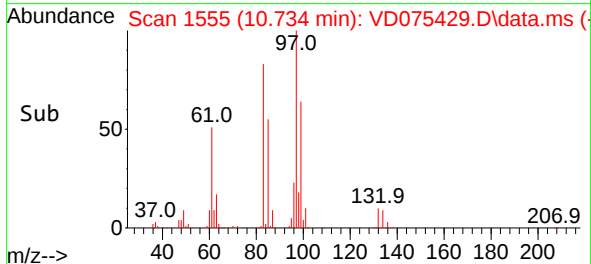
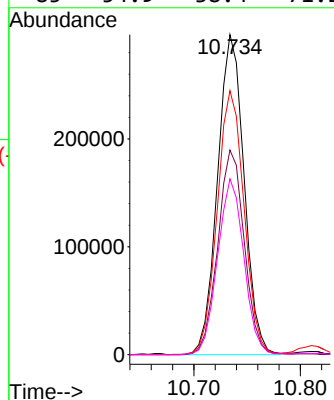
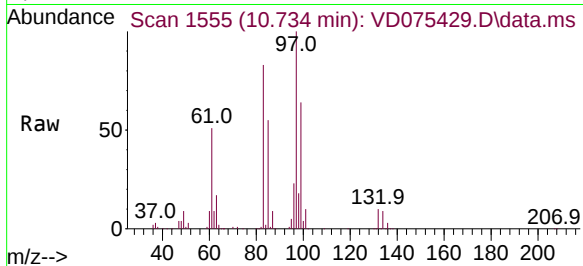




#45
1,1,2-Trichloroethane
Concen: 98.223 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

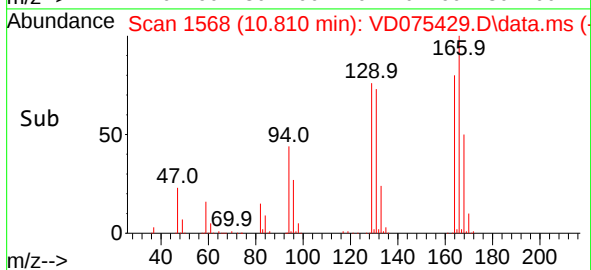
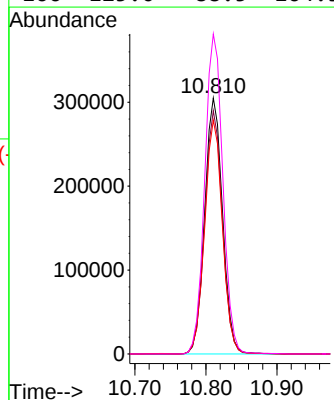
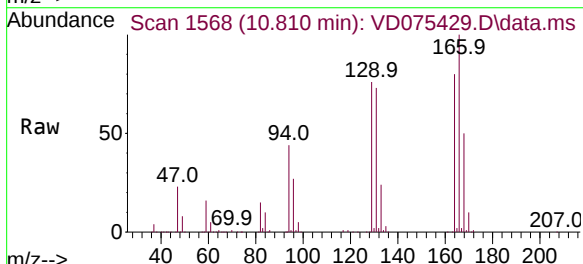
Instrument :
MSVOA_D
ClientSampleId :
VSTD100115

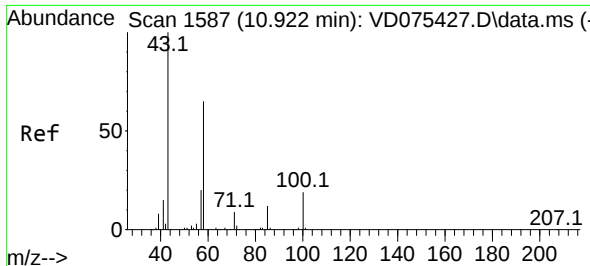
Tgt Ion:	97	Resp:	512602
Ion	Ratio	Lower	Upper
97	100		
99	63.9	40.9	76.0
83	82.5	57.7	107.1
85	54.9	38.4	71.2



#46
Tetrachloroethene
Concen: 100.707 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion:	164	Resp:	535876
Ion	Ratio	Lower	Upper
164	100		
129	95.0	65.4	121.4
131	91.3	64.1	119.1
166	125.0	88.5	164.3

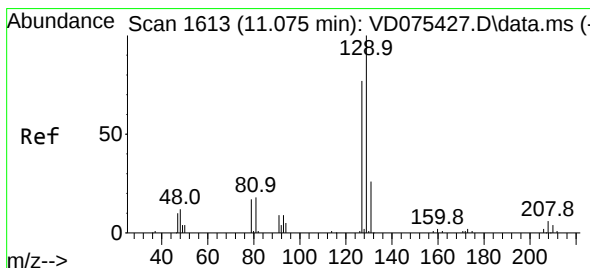
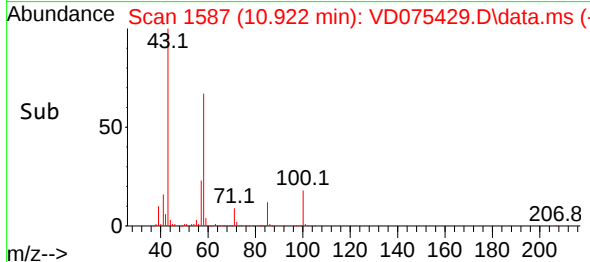
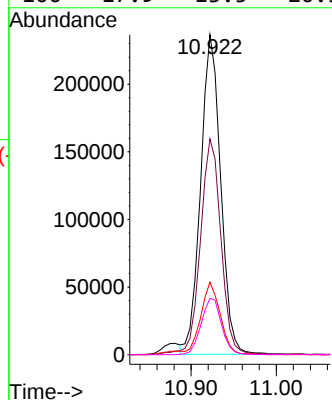
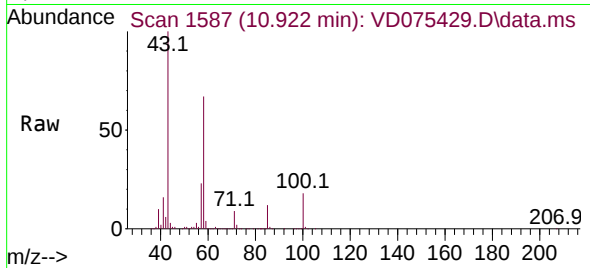




#48
2-Hexanone
Concen: 209.468 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

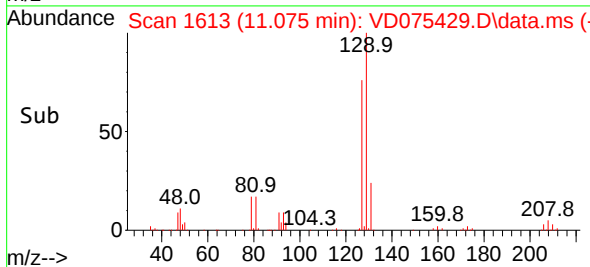
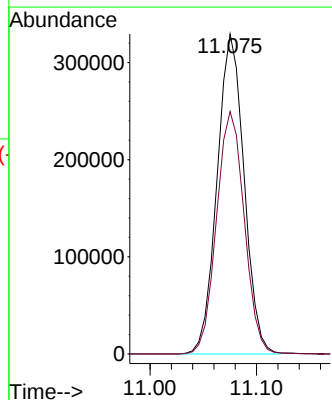
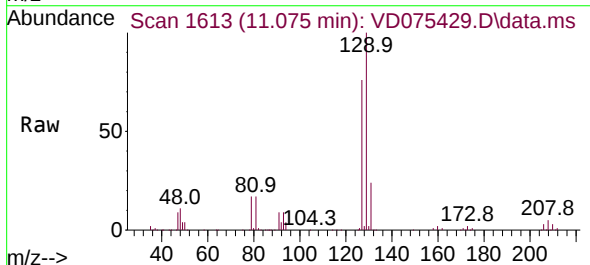
Instrument :
MSVOA_D
ClientSampleId :
VSTD100115

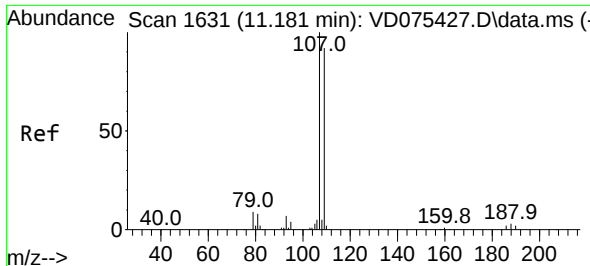
Tgt Ion: 43 Resp: 386180
Ion Ratio Lower Upper
43 100
58 69.3 53.1 79.7
57 22.1 16.7 25.1
100 17.9 13.5 20.3



#49
Dibromochloromethane
Concen: 101.493 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion: 129 Resp: 578590
Ion Ratio Lower Upper
129 100
127 75.7 53.7 99.7

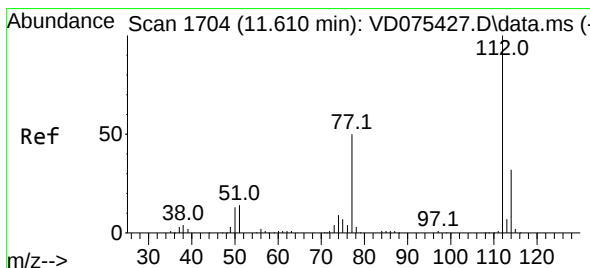
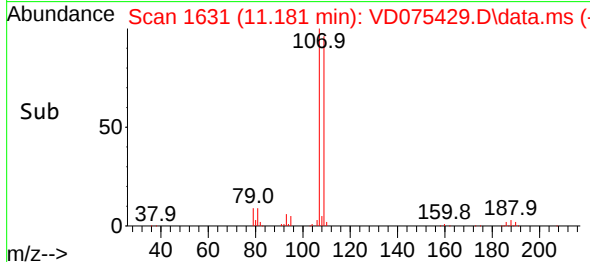
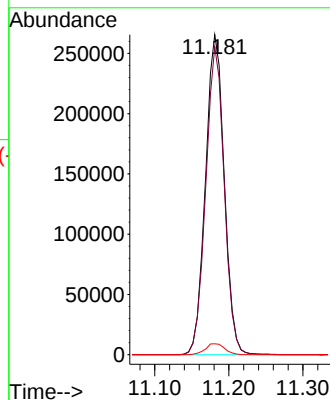
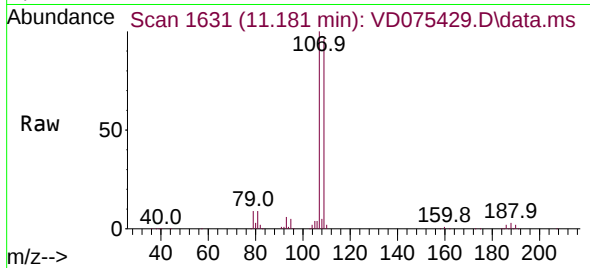




#50
1,2-Dibromoethane
Concen: 99.064 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

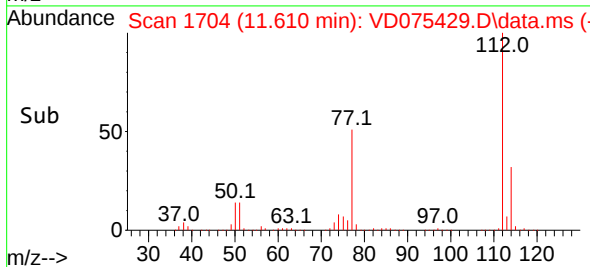
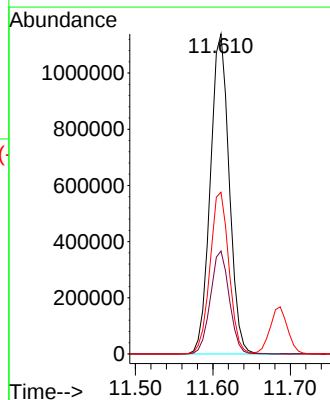
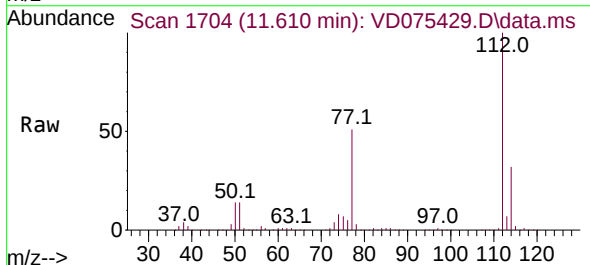
Instrument :
MSVOA_D
ClientSampleId :
VSTD100115

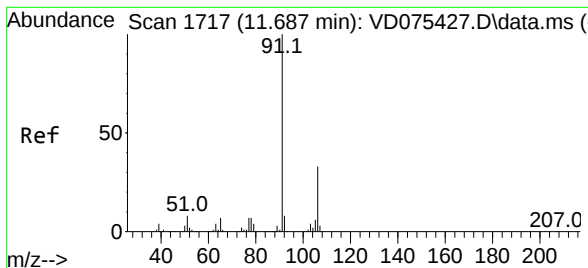
Tgt Ion:107 Resp: 467327
Ion Ratio Lower Upper
107 100
109 96.3 64.2 119.2
188 3.4 2.3 3.5



#51
Chlorobenzene
Concen: 102.113 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion:112 Resp: 1932060
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.3
77 50.6 40.2 60.2

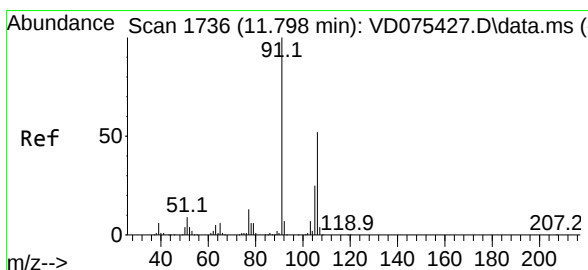
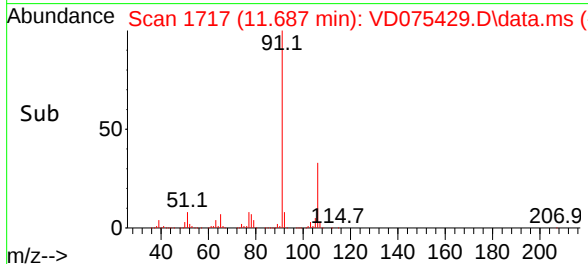
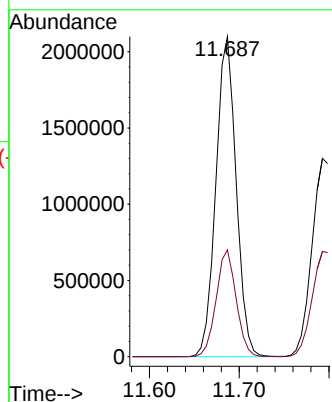
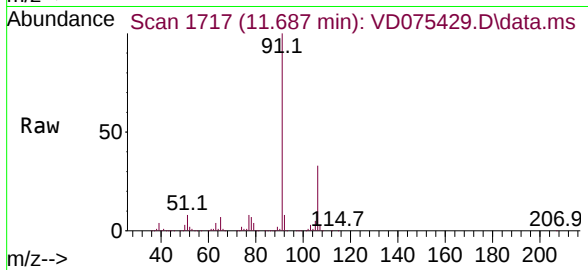




#52
Ethylbenzene
Concen: 106.172 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

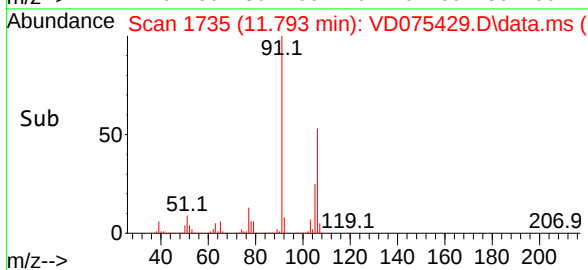
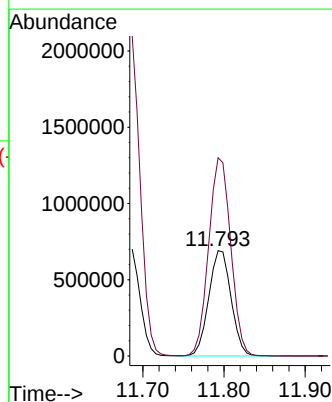
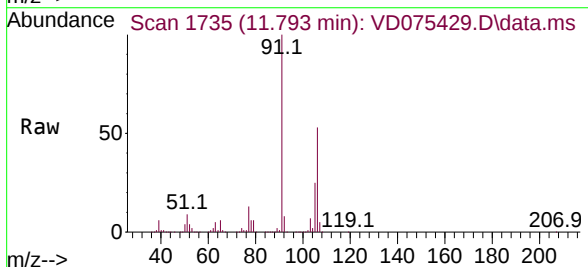
Instrument :
MSVOA_D
ClientSampleId :
VSTD100115

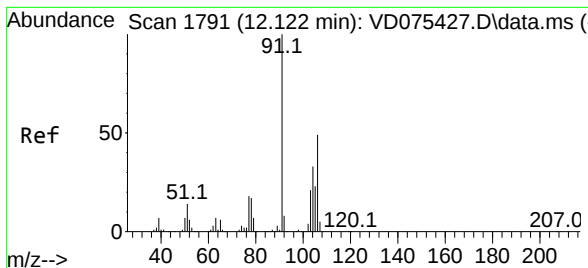
Tgt Ion: 91 Resp: 3286776
Ion Ratio Lower Upper
91 100
106 33.4 23.1 42.9



#53
m,p-Xylene
Concen: 107.741 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion:106 Resp: 1314116
Ion Ratio Lower Upper
106 100
91 188.4 134.1 249.1

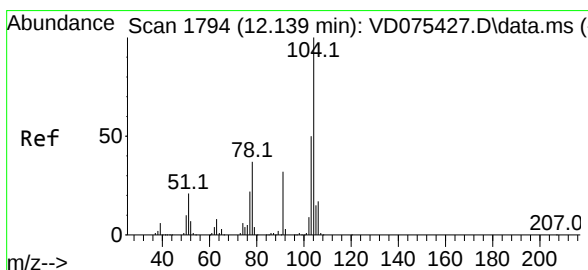
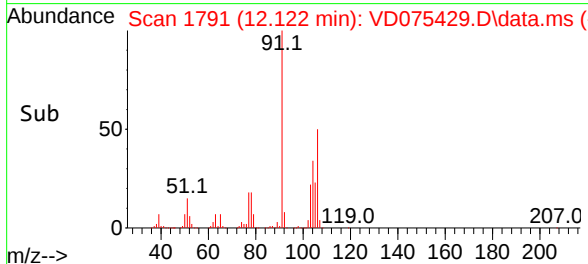
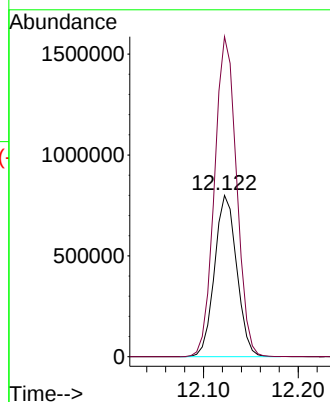
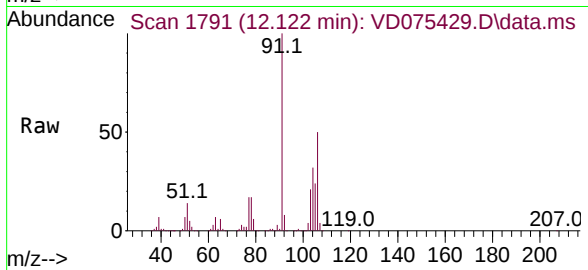




#54
o-Xylene
Concen: 112.871 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

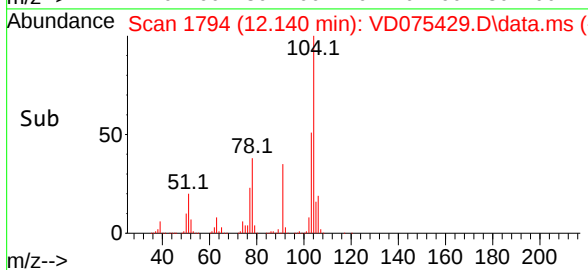
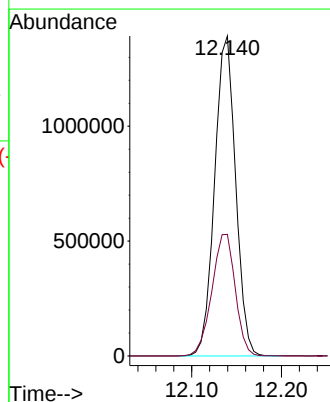
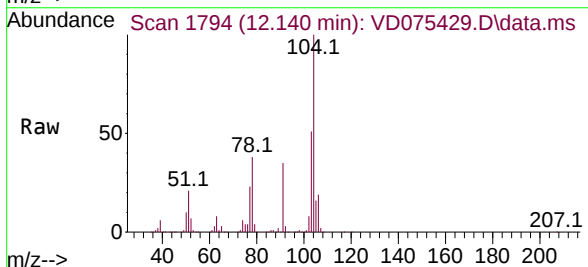
Instrument :
MSVOA_D
ClientSampleId :
VSTD100115

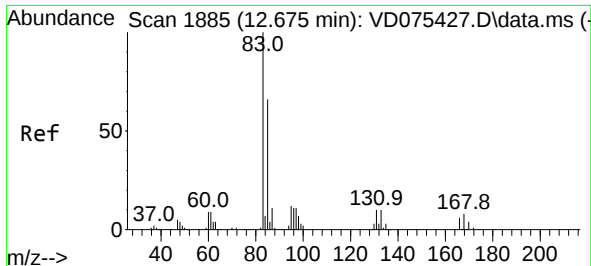
Tgt Ion:106 Resp: 1302286
Ion Ratio Lower Upper
106 100
91 198.4 142.3 264.3



#55
Styrene
Concen: 110.440 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion:104 Resp: 2263152
Ion Ratio Lower Upper
104 100
78 38.0 26.0 48.2

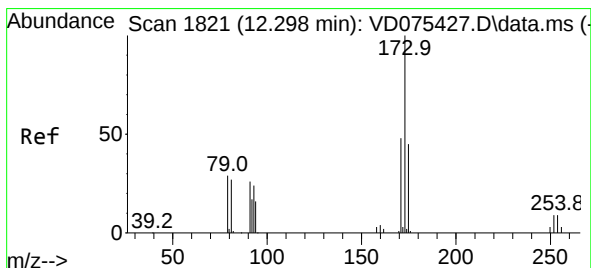
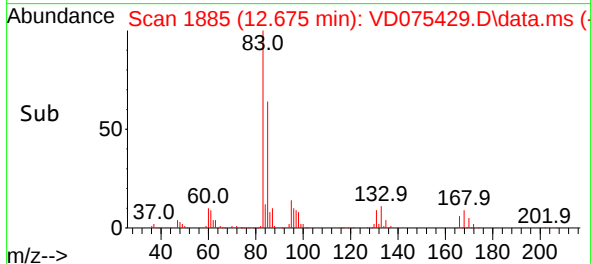
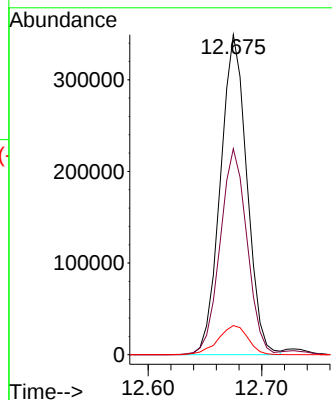
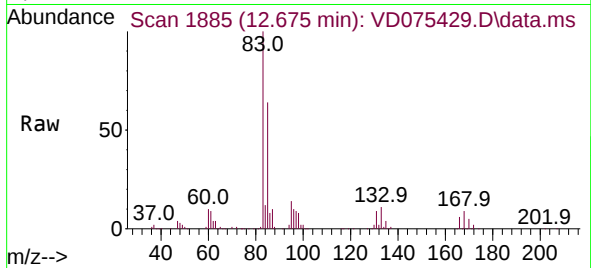




#57
1,1,2-Tetrachloroethane
Concen: 99.011 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

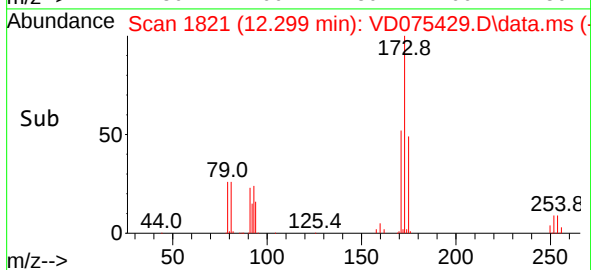
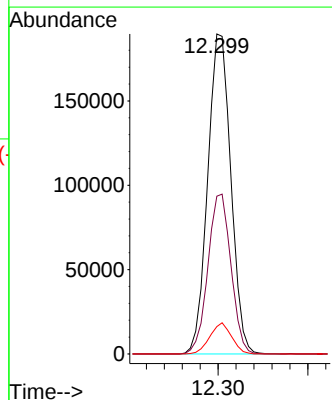
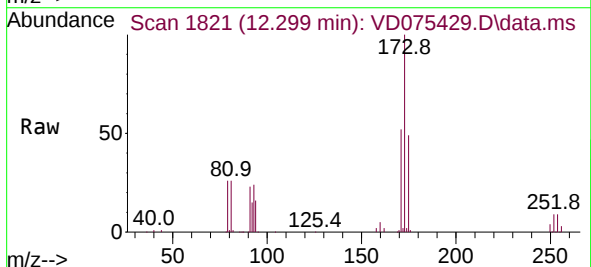
Instrument :
MSVOA_D
ClientSampleId :
VSTD100115

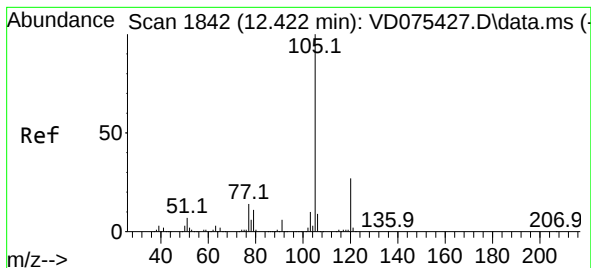
Tgt Ion: 83 Resp: 565534
Ion Ratio Lower Upper
83 100
85 64.3 46.3 85.9
131 9.1 8.1 12.1



#59
Bromoform
Concen: 96.410 ug/L
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion:173 Resp: 339480
Ion Ratio Lower Upper
173 100
175 49.7 39.3 58.9
254 9.1 7.3 10.9





#60

Isopropylbenzene

Concen: 103.404 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD075429.D

Acq: 01 Mar 2023 15:59

Instrument :

MSVOA_D

ClientSampleId :

VSTD100115

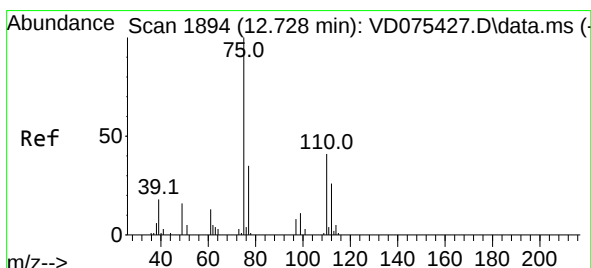
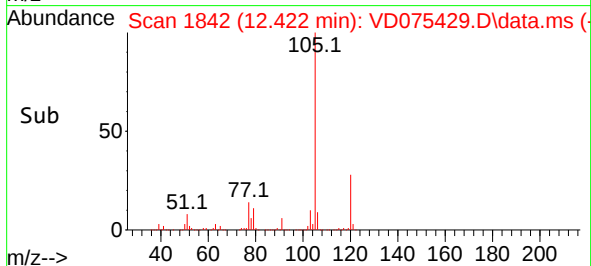
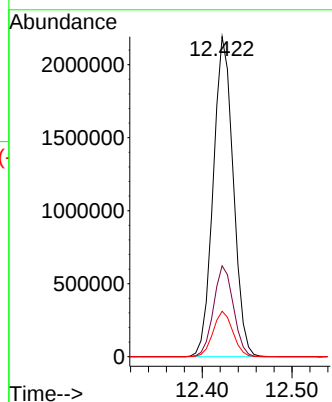
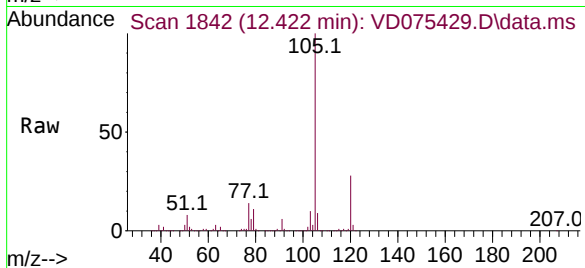
Tgt Ion:105 Resp: 3393642

Ion Ratio Lower Upper

105 100

120 28.2 21.8 32.6

77 14.0 11.3 16.9



#61

1,2,3-Trichloropropane

Concen: 90.963 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD075429.D

Acq: 01 Mar 2023 15:59

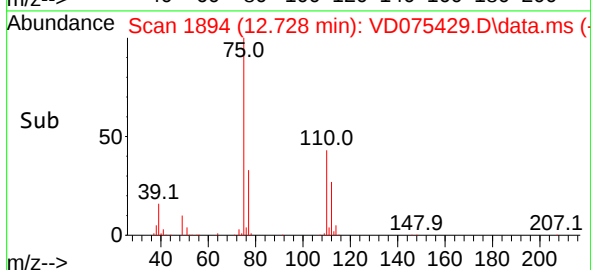
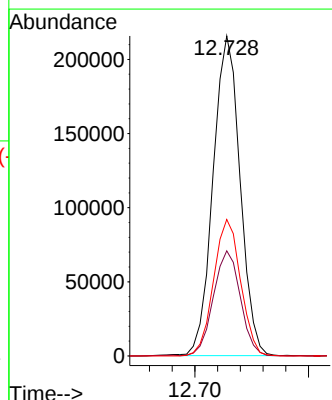
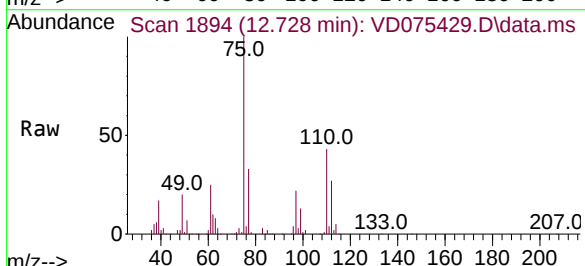
Tgt Ion: 75 Resp: 355821

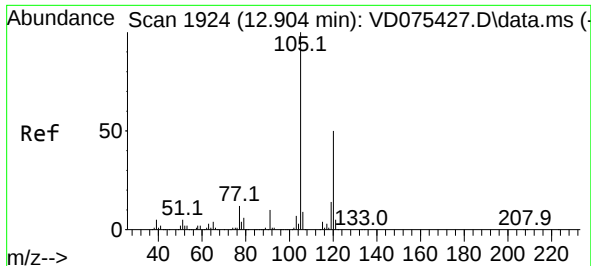
Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.4

110 42.7 33.2 49.8

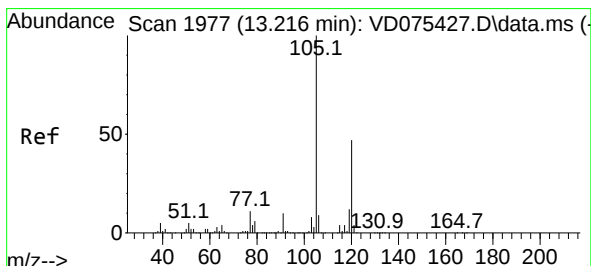
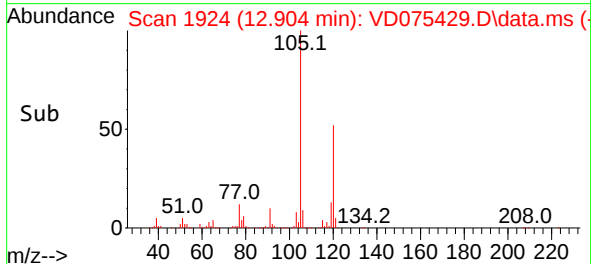
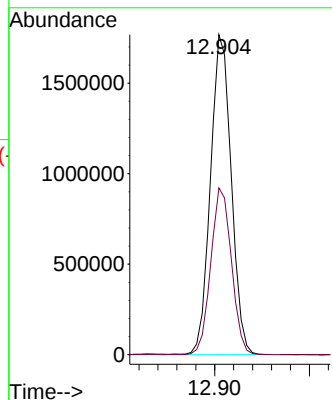
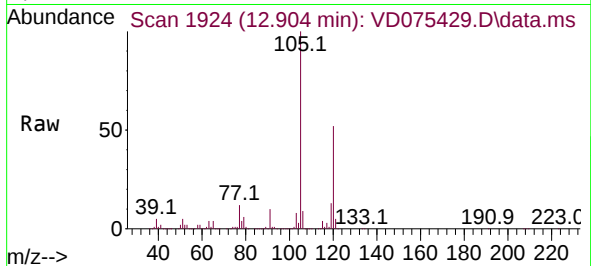




#62
 1,3,5-Trimethylbenzene
 Concen: 109.193 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD075429.D
 Acq: 01 Mar 2023 15:59

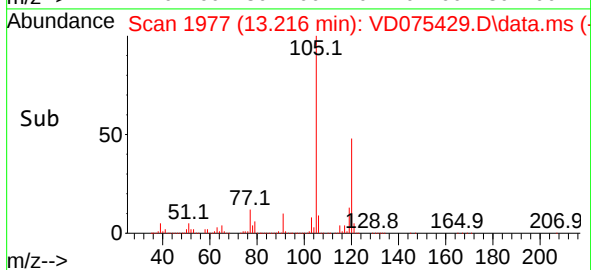
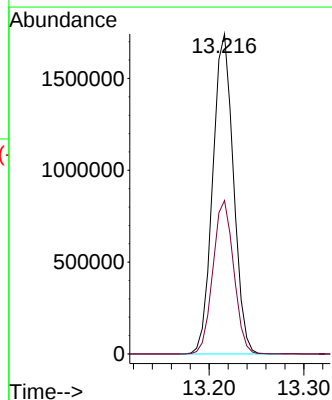
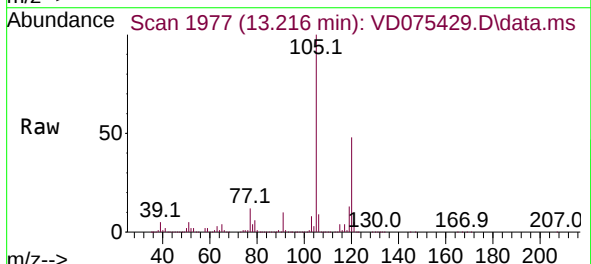
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD100115

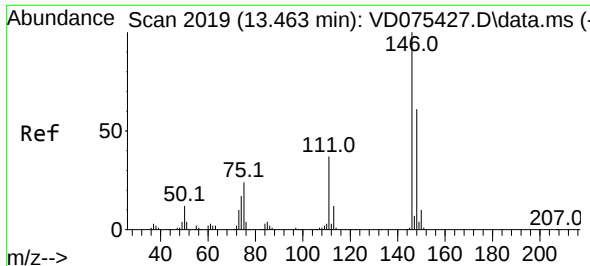
Tgt Ion:105 Resp: 2690189
 Ion Ratio Lower Upper
 105 100
 120 51.9 40.6 60.8



#63
 1,2,4-Trimethylbenzene
 Concen: 109.860 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD075429.D
 Acq: 01 Mar 2023 15:59

Tgt Ion:105 Resp: 2646541
 Ion Ratio Lower Upper
 105 100
 120 48.2 38.2 57.2

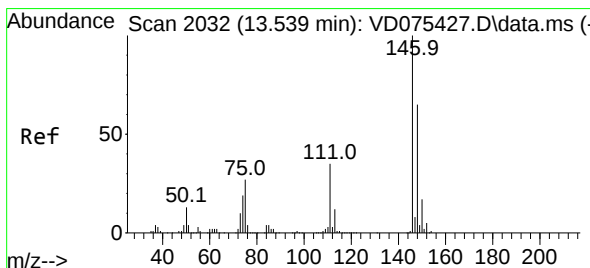
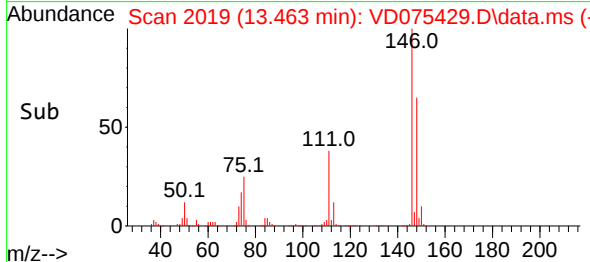
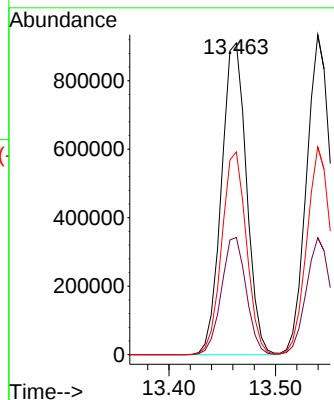
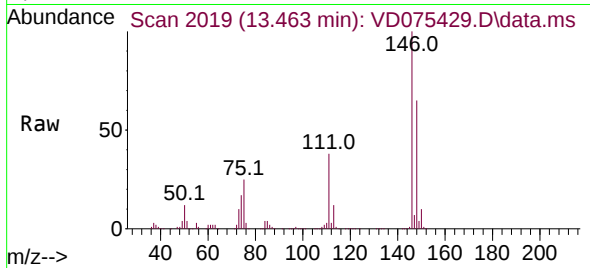




#64
1,3-Dichlorobenzene
Concen: 102.375 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

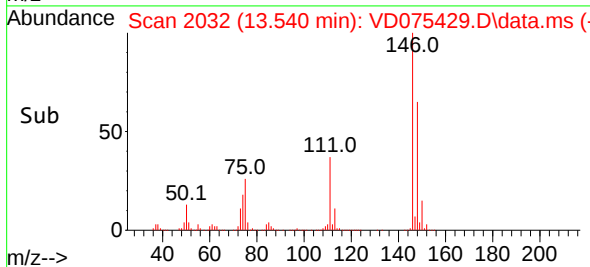
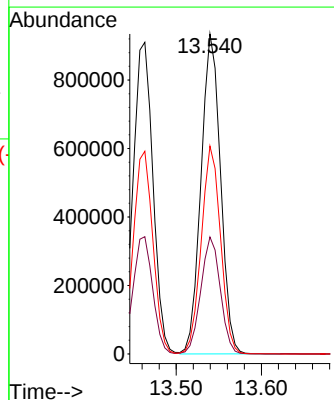
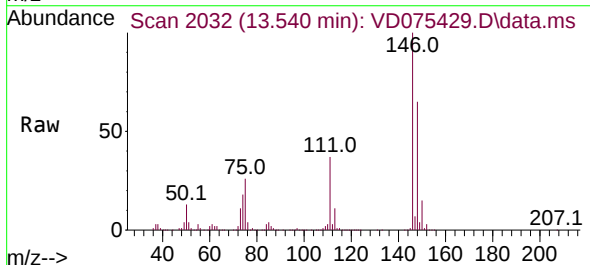
Instrument :
MSVOA_D
ClientSampleId :
VSTD100115

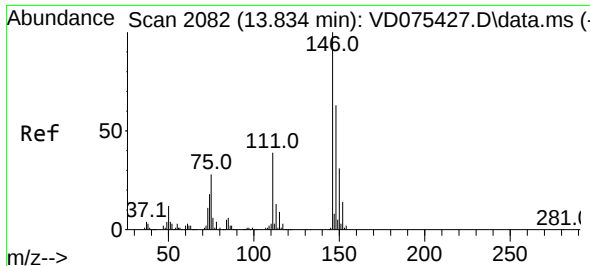
Tgt Ion:146 Resp: 1486300
Ion Ratio Lower Upper
146 100
111 37.6 26.0 48.2
148 65.0 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 99.489 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion:146 Resp: 1485787
Ion Ratio Lower Upper
146 100
111 36.5 24.8 46.1
148 64.9 45.6 84.6

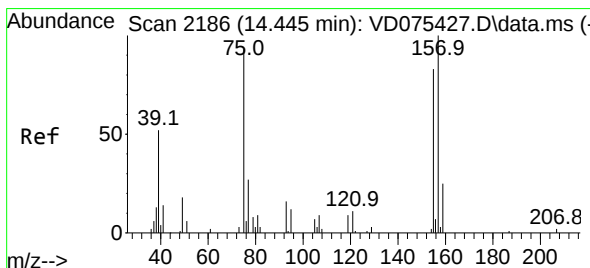
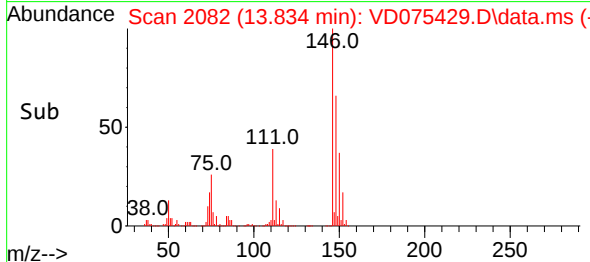
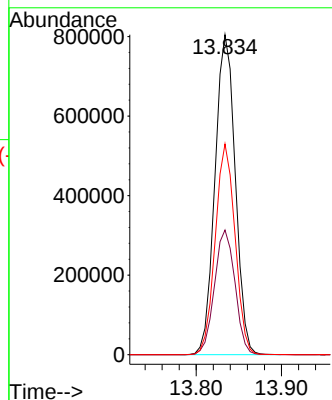
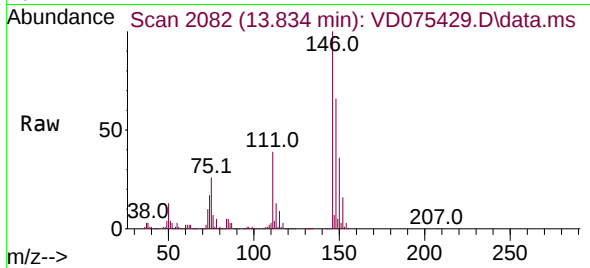




#67
1,2-Dichlorobenzene
Concen: 102.880 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

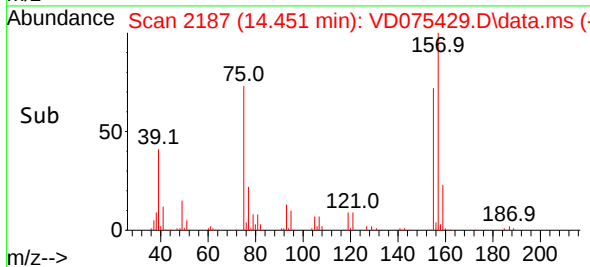
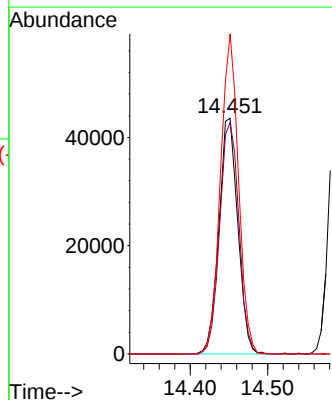
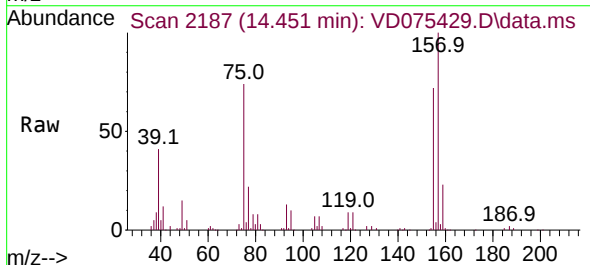
Instrument :
MSVOA_D
ClientSampleId :
VSTD100115

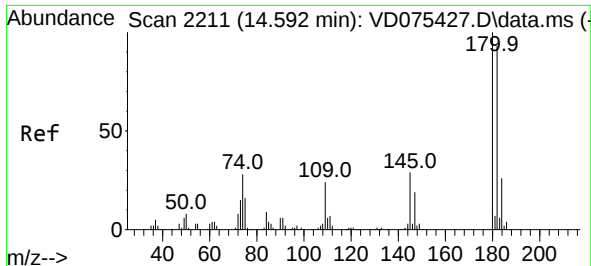
Tgt Ion:146 Resp: 1330841
Ion Ratio Lower Upper
146 100
111 39.0 31.0 46.6
148 65.9 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 97.185 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion: 75 Resp: 73825
Ion Ratio Lower Upper
75 100
155 98.2 71.3 106.9
157 135.8 85.8 128.6#





#69

1,3,5-Trichlorobenzene

Concen: 104.429 ug/L

RT: 14.598 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD075429.D

Acq: 01 Mar 2023 15:59

Instrument :

MSVOA_D

ClientSampleId :

VSTD100115

Tgt Ion:180 Resp: 950732

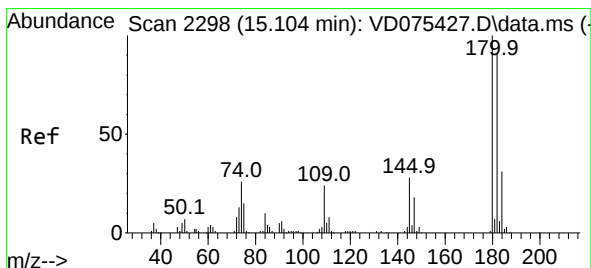
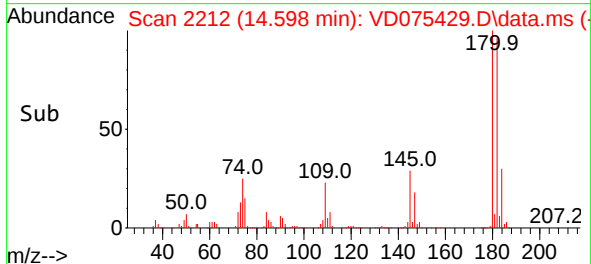
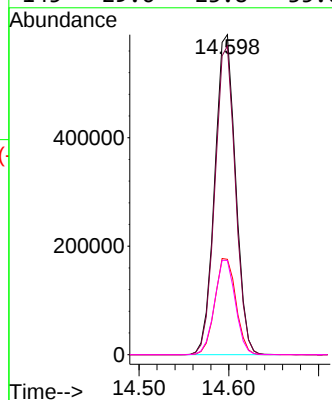
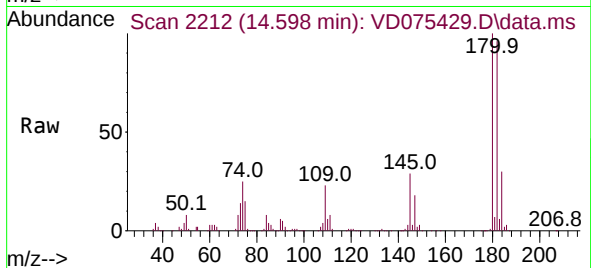
Ion Ratio Lower Upper

180 100

182 94.9 76.5 114.7

184 30.4 23.6 35.4

145 29.6 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 108.868 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD075429.D

Acq: 01 Mar 2023 15:59

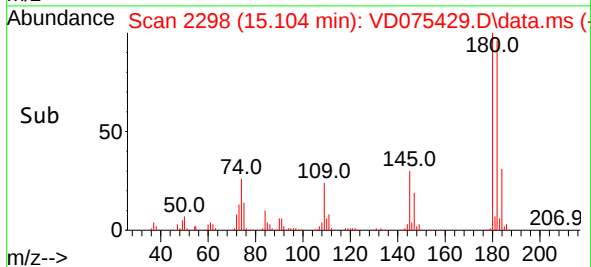
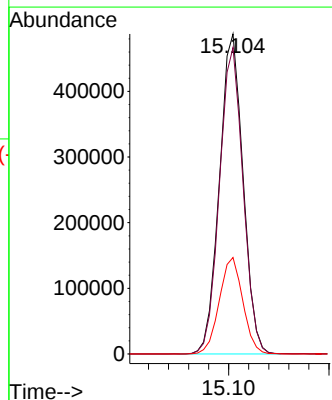
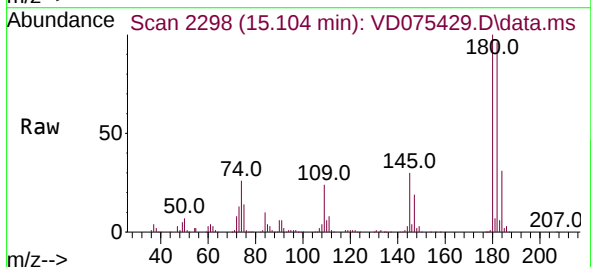
Tgt Ion:180 Resp: 796914

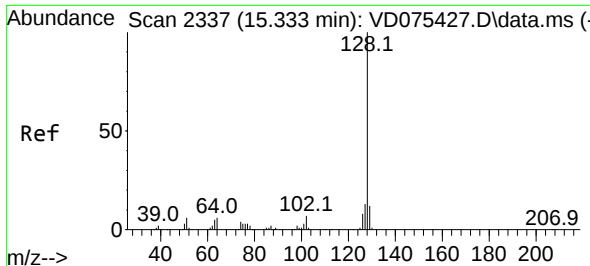
Ion Ratio Lower Upper

180 100

182 95.5 74.3 111.5

145 30.0 23.0 34.6

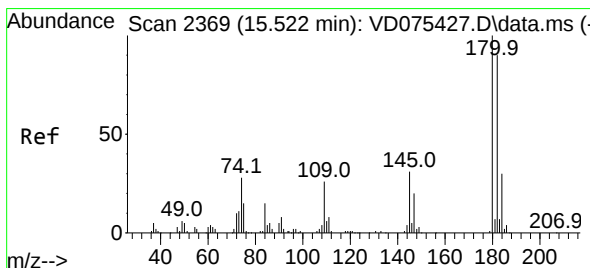
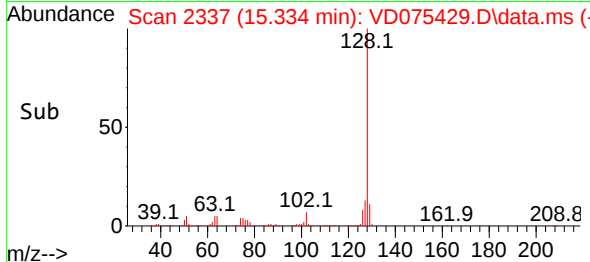
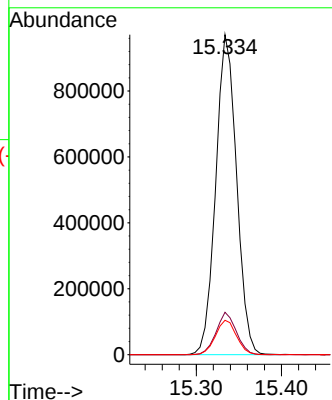
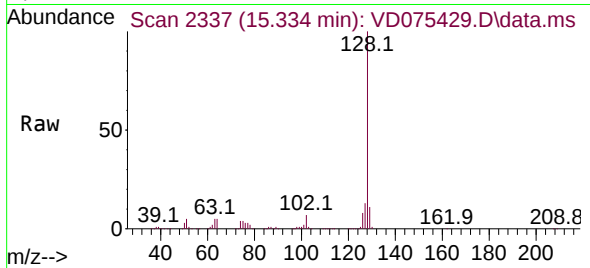




#71
Naphthalene
Concen: 113.810 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Instrument :
MSVOA_D
ClientSampleId :
VSTD100115

Tgt Ion:128 Resp: 1652337
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 108.754 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD075429.D
Acq: 01 Mar 2023 15:59

Tgt Ion:180 Resp: 701704
Ion Ratio Lower Upper
180 100
182 94.6 75.3 112.9
145 31.5 25.1 37.7

