

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100523\
 Data File : VW032288.D
 Acq On : 06 Oct 2023 07:08
 Operator : SY/MD
 Sample : 04748-31MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX874MSD

Quant Time: Oct 06 08:01:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 06 05:25:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	79836	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	74549	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	33410	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30206	4.652	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.532	69	28092	5.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.060	65	12285	4.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	3.825	46	106499	64.839	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.680%
24) Chloroform-d	4.252	84	65478	5.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.400%
26) 1,2-Dichloroethane-d4	4.947	65	29866	5.505	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	4.963	84	108818	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	5.995	67	36037	4.958	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.246	98	91079	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.561	79	12550	4.873	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.034	63	75653	62.433	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.860%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30219	5.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	28732	4.634	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	55500	6.238	ug/L	100
3) Chloromethane	1.217	50	61491	6.856	ug/L	99
5) Vinyl chloride	1.282	62	58039	6.785	ug/L	99
6) Bromomethane	1.487	94	33619	6.506	ug/L	98
8) Chloroethane	1.548	64	35071	6.810	ug/L	100
9) Trichlorofluoromethane	1.716	101	63929	6.232	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	33726	5.426	ug/L	99
12) 1,1-Dichloroethene	2.069	96	38128	6.512	ug/L	89
13) Acetone	2.150	43	84725	66.926	ug/L	95
14) Carbon disulfide	2.240	76	114300	5.584	ug/L	100
15) Methyl Acetate	2.388	43	20529	7.203	ug/L	95
16) Methylene chloride	2.449	84	45218	5.923	ug/L	94
17) Methyl tert-butyl Ether	2.712	73	106910	6.707	ug/L	94
18) trans-1,2-Dichloroethene	2.693	96	40269	6.004	ug/L	97
19) 1,1-Dichloroethane	3.111	63	83611	6.627	ug/L	98
21) 2-Butanone	3.908	43	133621	67.496	ug/L	100
22) cis-1,2-Dichloroethene	3.818	96	44613	6.178	ug/L	99
23) Bromochloromethane	4.150	128	20786	6.842	ug/L	99
25) Chloroform	4.278	83	196368	15.864	ug/L	99

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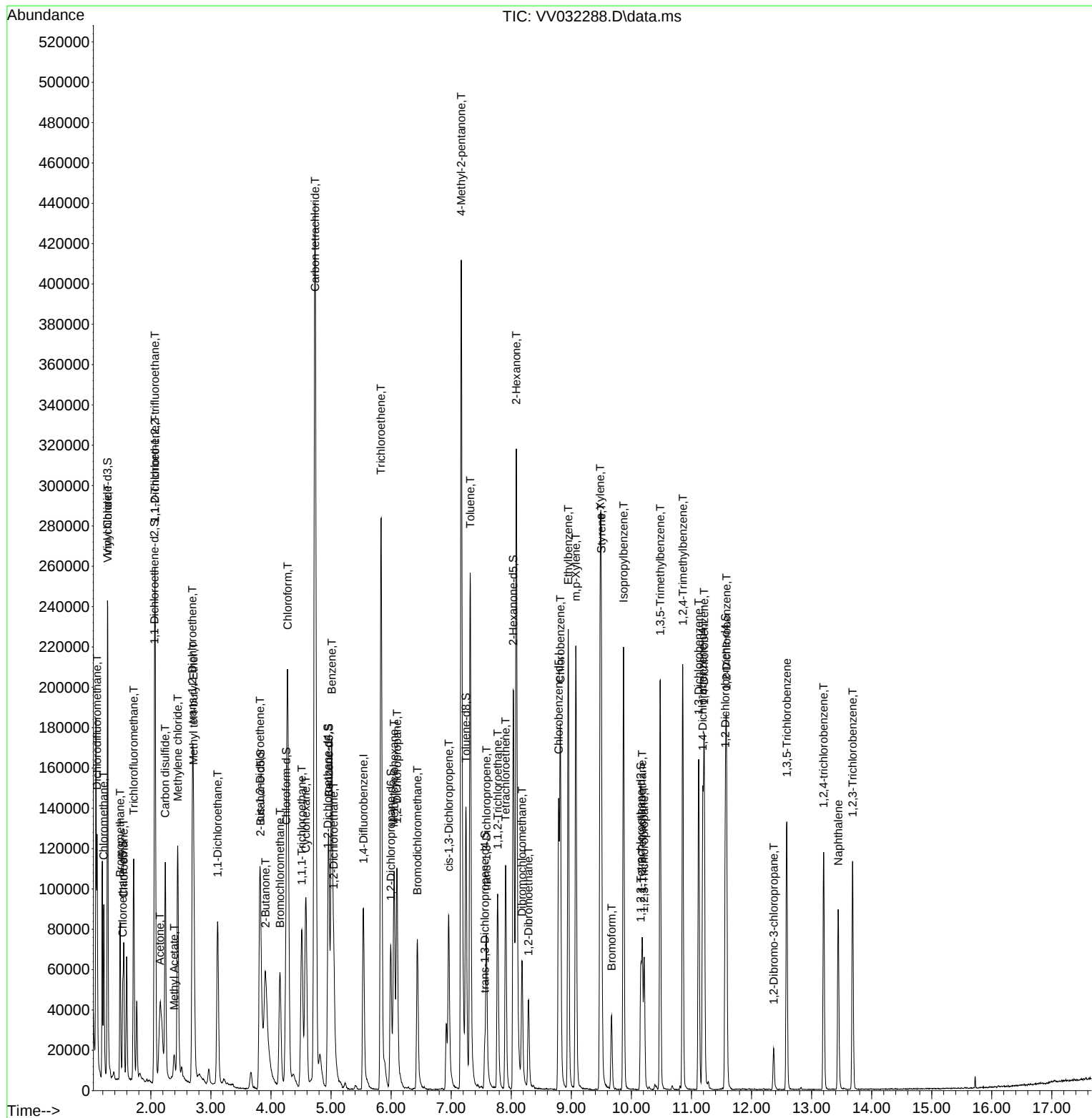
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	47829	6.540	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	66173	6.529	ug/L	99
30) Cyclohexane	4.580	56	51082	4.586	ug/L	99
31) Carbon tetrachloride	4.735	117	338910	39.518	ug/L	99
33) Benzene	5.011	78	172935	6.589	ug/L	100
34) Trichloroethene	5.831	95	108533	15.147	ug/L	97
35) Methylcyclohexane	6.050	83	45181	4.075	ug/L	97
37) 1,2-Dichloropropane	6.098	63	47150	6.717	ug/L	99
38) Bromodichloromethane	6.436	83	54326	6.514	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	56904	5.697	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	316253	71.195	ug/L	100
42) Toluene	7.317	91	192008	6.862	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	46135	5.620	ug/L	97
45) 1,1,2-Trichloroethane	7.773	97	32603	6.584	ug/L	99
47) Tetrachloroethene	7.905	164	26110	4.805	ug/L	98
48) 2-Hexanone	8.085	43	227299	72.525	ug/L	99
49) Dibromochloromethane	8.182	129	32477	6.300	ug/L	96
50) 1,2-Dibromoethane	8.288	107	30961	6.611	ug/L	97
51) Chlorobenzene	8.818	112	94494	5.245	ug/L	97
52) Ethylbenzene	8.950	91	160186	5.141	ug/L	100
53) m,p-Xylene	9.075	106	62738	5.429	ug/L	100
54) o-Xylene	9.481	106	59259	5.322	ug/L	97
55) Styrene	9.500	104	100234	5.330	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	36200	6.644	ug/L	99
59) Bromoform	9.670	173	16533	6.805	ug/L	99
60) Isopropylbenzene	9.870	105	139917	5.389	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	26016	7.316	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	108068	5.107	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	111117	5.274	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	65388	5.271	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	65617	5.273	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	63866	5.645	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	4829	6.646	ug/L	98
69) 1,3,5-Trichlorobenzene	12.587	180	40133	4.418	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	35590	4.417	ug/L	97
71) Naphthalene	13.445	128	72349	5.286	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	33312	4.798	ug/L	97

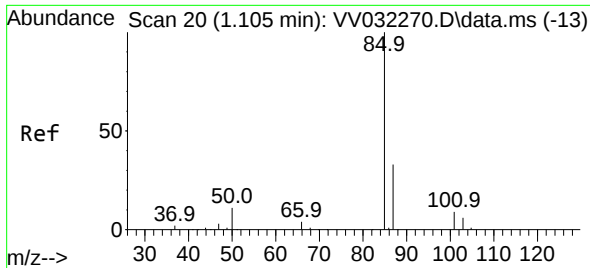
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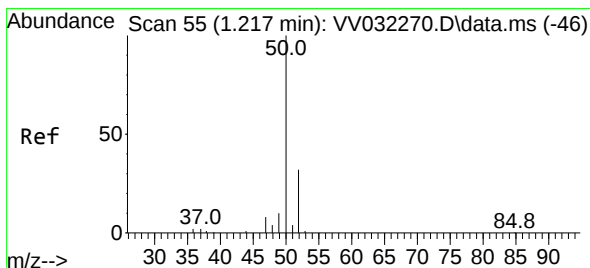
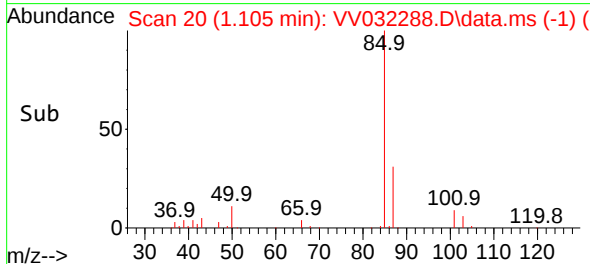
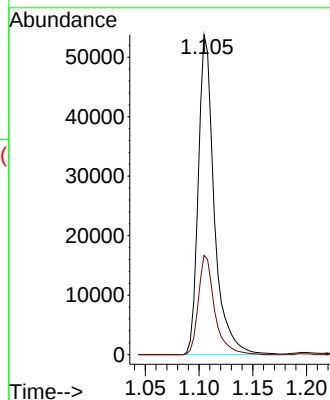
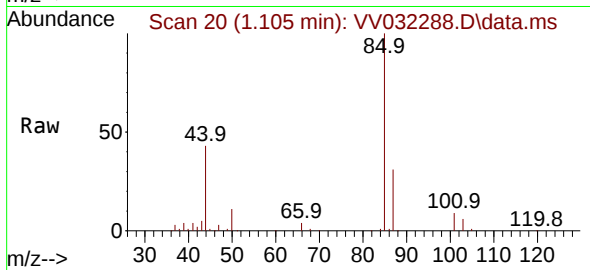




#2
 Dichlorodifluoromethane
 Concen: 6.238 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV032288.D
 Acq: 06 Oct 2023 07:08

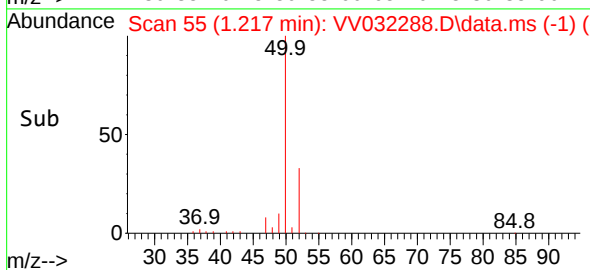
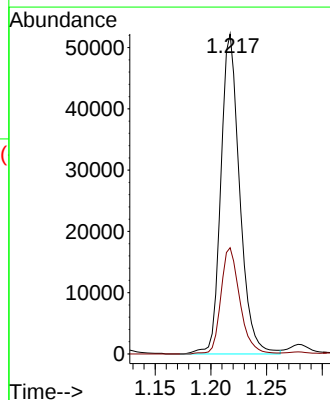
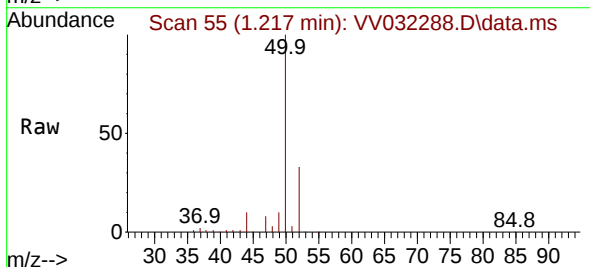
Instrument :
 MSVOA_V
 ClientSampleId :
 EX874MSD

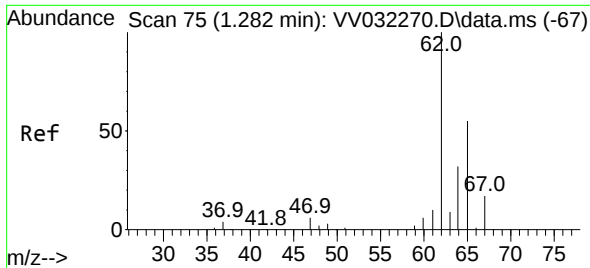
Tgt Ion: 85 Resp: 55500
 Ion Ratio Lower Upper
 85 100
 87 31.7 25.5 38.3



#3
 Chloromethane
 Concen: 6.856 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV032288.D
 Acq: 06 Oct 2023 07:08

Tgt Ion: 50 Resp: 61491
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.0 42.6

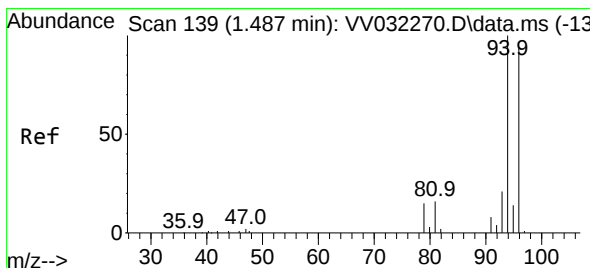
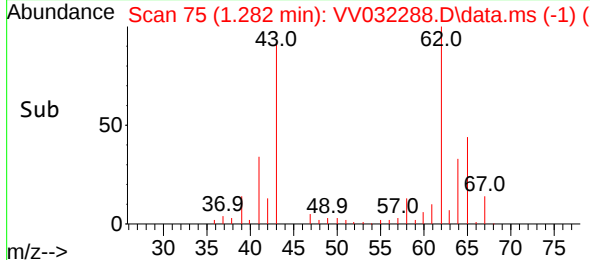
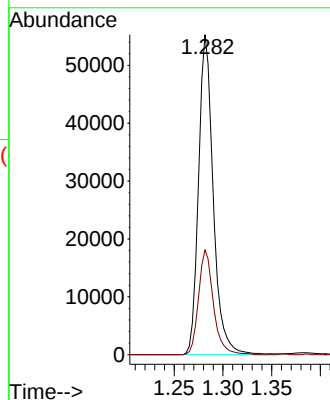
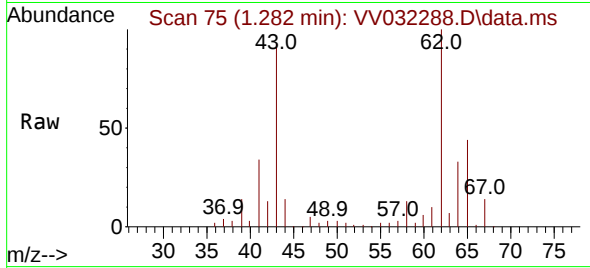




#5
 Vinyl chloride
 Concen: 6.785 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV032288.D
 Acq: 06 Oct 2023 07:08

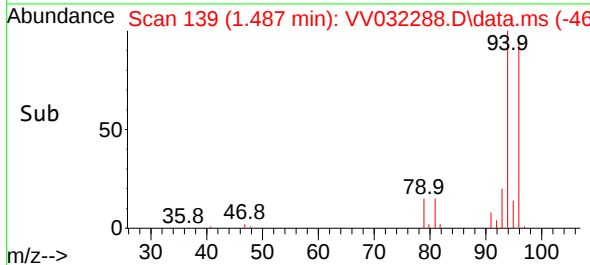
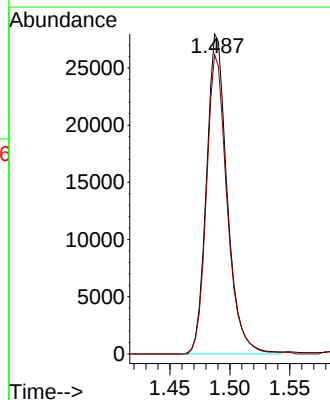
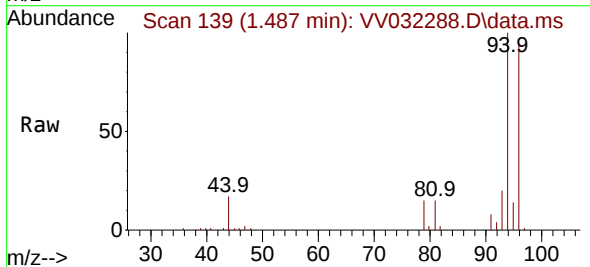
Instrument : MSVOA_V
 ClientSampleId : EX874MSD

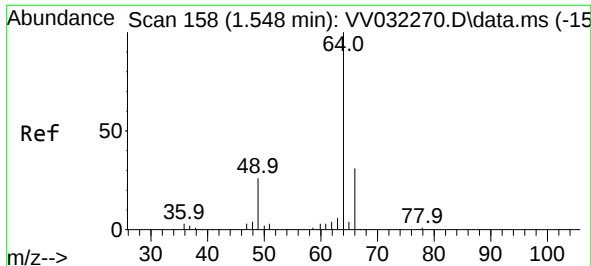
Tgt Ion:	62	Resp:	58039
Ion Ratio	Lower	Upper	
62	100		
64	32.7	23.1	42.9



#6
 Bromomethane
 Concen: 6.506 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV032288.D
 Acq: 06 Oct 2023 07:08

Tgt Ion:	94	Resp:	33619
Ion Ratio	Lower	Upper	
94	100		
96	93.5	66.8	124.2

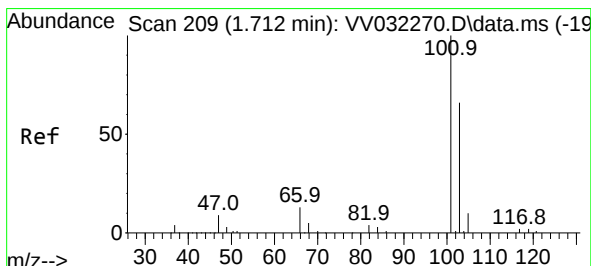
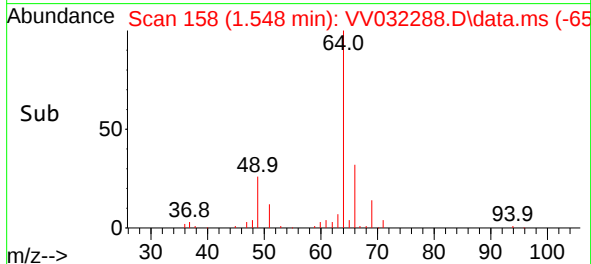
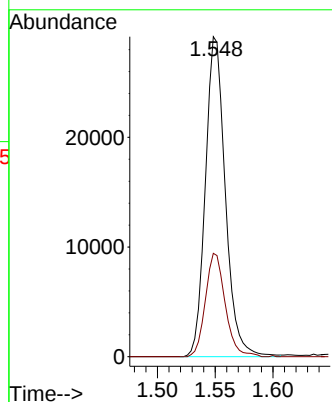
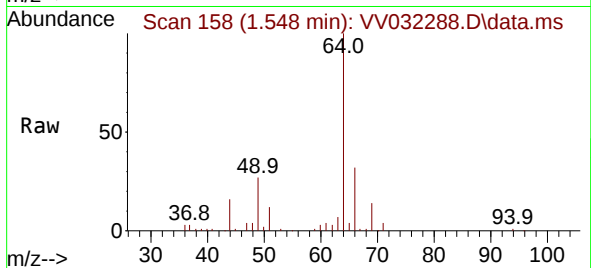




#8
Chloroethane
Concen: 6.810 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

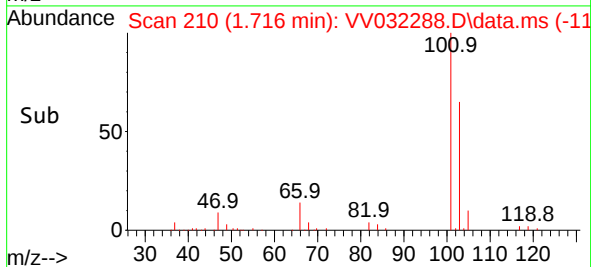
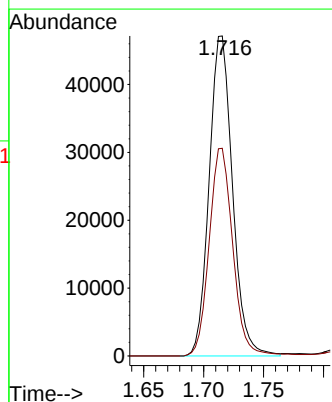
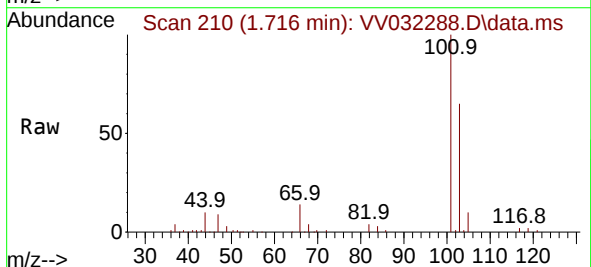
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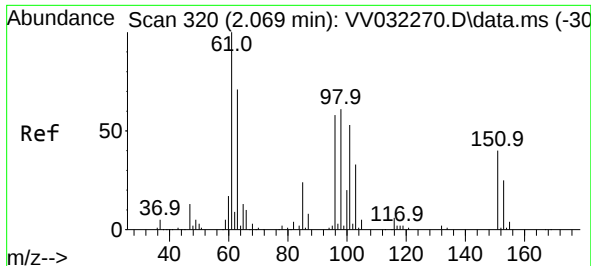
Tgt Ion: 64 Resp: 35071
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 6.232 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Tgt Ion:101 Resp: 63929
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.426 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV032288.D

Acq: 06 Oct 2023 07:08

Instrument :

MSVOA_V

ClientSampleId :

EX874MSD

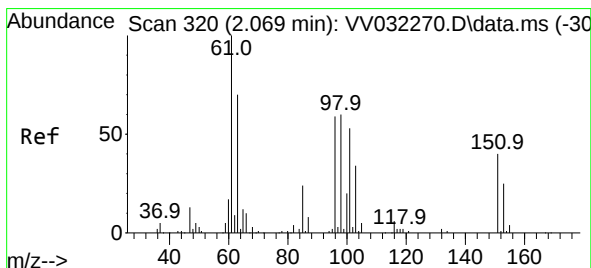
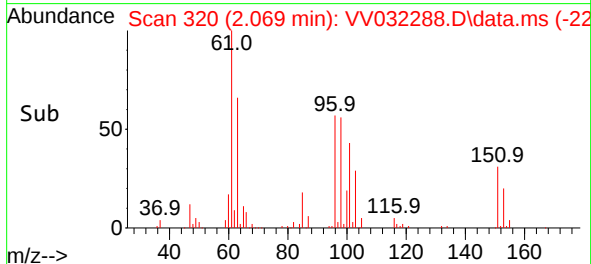
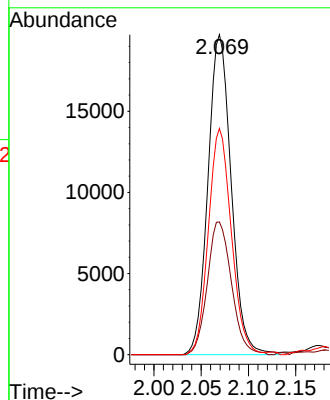
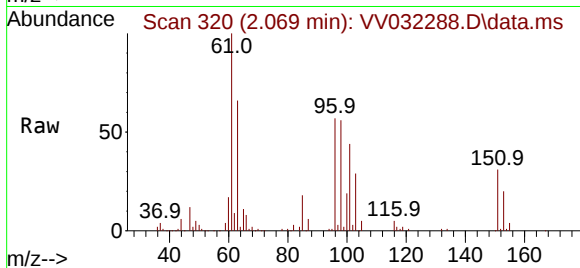
Tgt Ion:101 Resp: 33726

Ion Ratio Lower Upper

101 100

85 43.0 35.0 52.6

151 69.8 56.6 84.8



#12

1,1-Dichloroethene

Concen: 6.512 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV032288.D

Acq: 06 Oct 2023 07:08

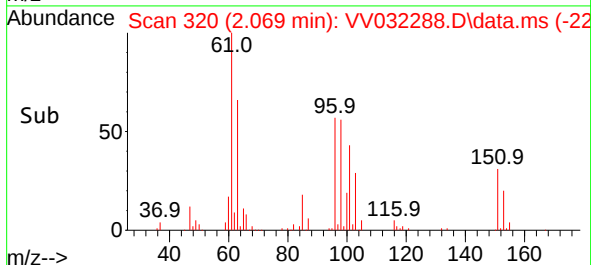
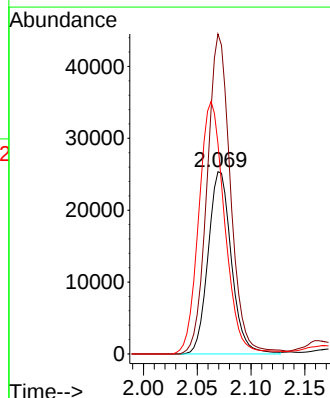
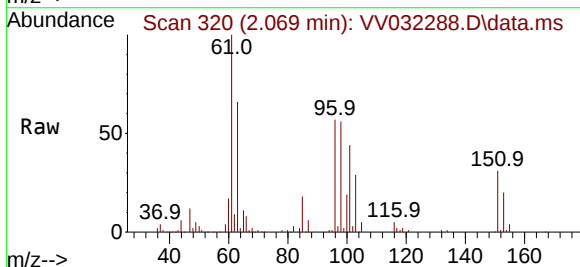
Tgt Ion: 96 Resp: 38128

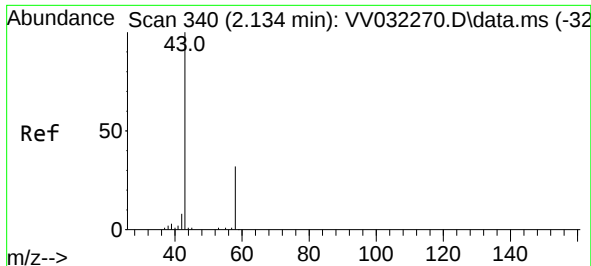
Ion Ratio Lower Upper

96 100

61 175.6 127.3 236.3

63 115.4 98.3 182.7





#13

Acetone

Concen: 66.926 ug/L

RT: 2.150 min Scan# 340

Delta R.T. 0.016 min

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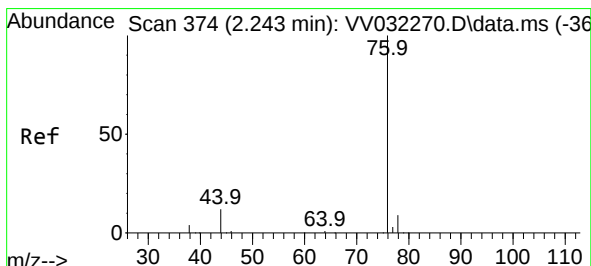
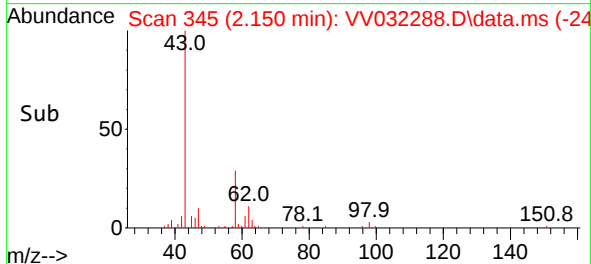
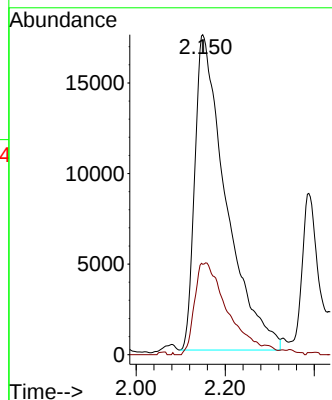
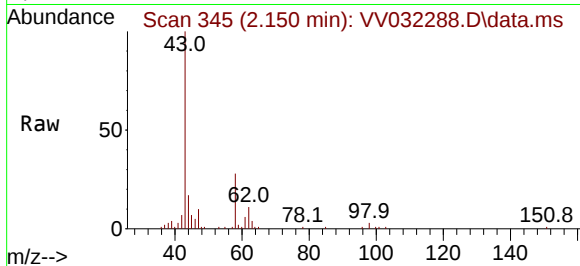
EX874MSD

Tgt Ion: 43 Resp: 84725

Ion Ratio Lower Upper

43 100

58 30.3 0.0 66.0



#14

Carbon disulfide

Concen: 5.584 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

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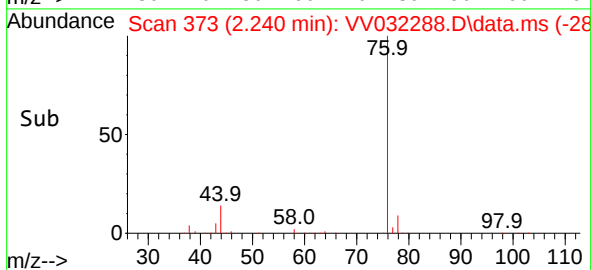
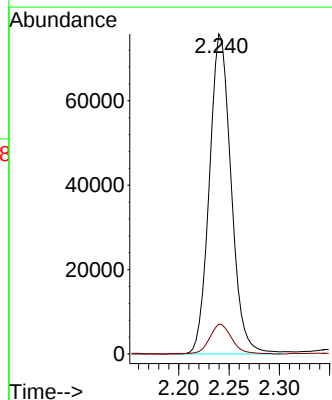
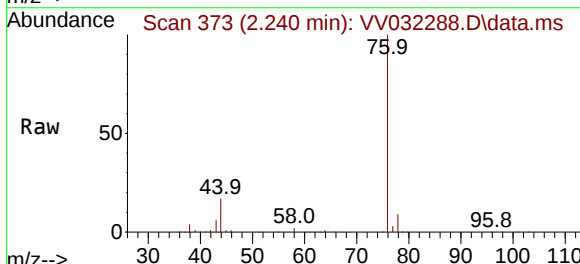
Acq: 06 Oct 2023 07:08

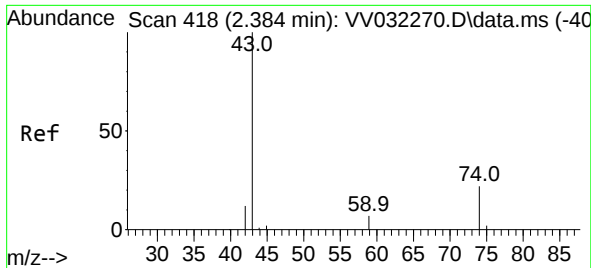
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Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

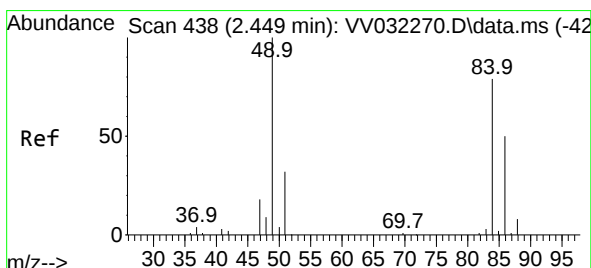
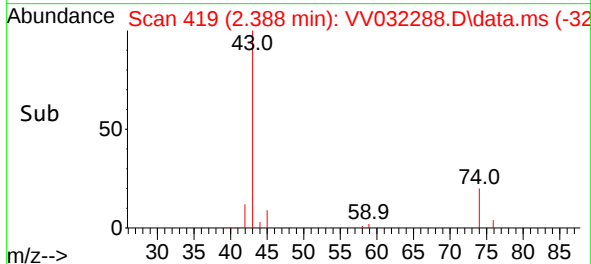
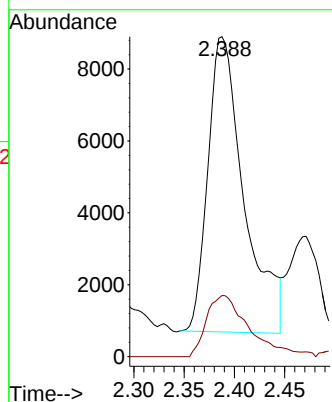
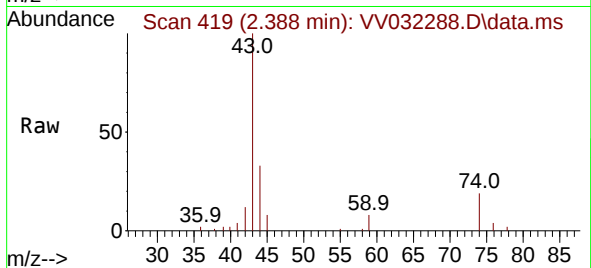




#15
Methyl Acetate
Concen: 7.203 ug/L
RT: 2.388 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

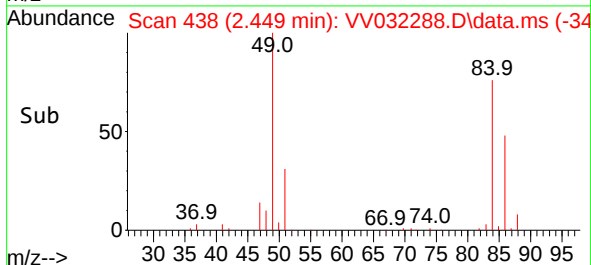
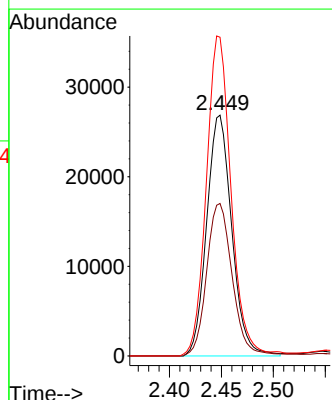
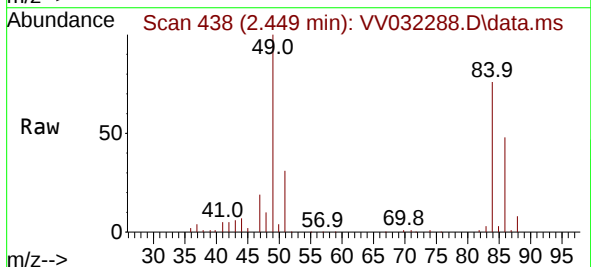
Instrument :
MSVOA_V
ClientSampleId :
EX874MSD

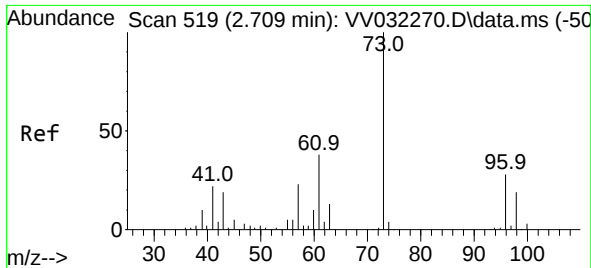
Tgt Ion: 43 Resp: 20529
Ion Ratio Lower Upper
43 100
74 24.7 18.0 27.0



#16
Methylene chloride
Concen: 5.923 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Tgt Ion: 84 Resp: 45218
Ion Ratio Lower Upper
84 100
86 63.3 43.2 80.2
49 132.3 86.3 160.3

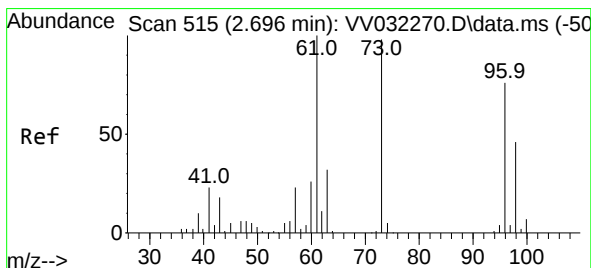
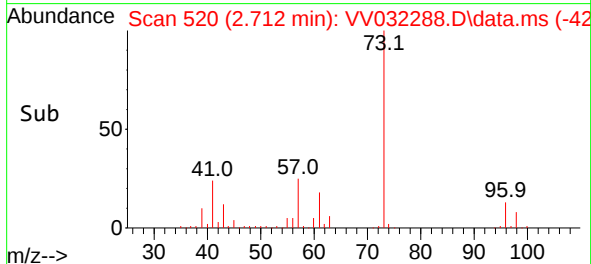
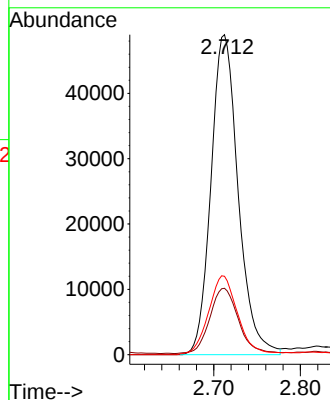
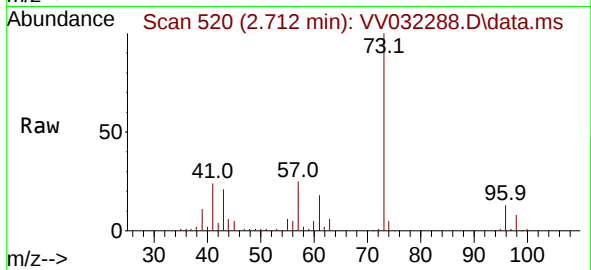




#17
Methyl tert-butyl Ether
Concen: 6.707 ug/L
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

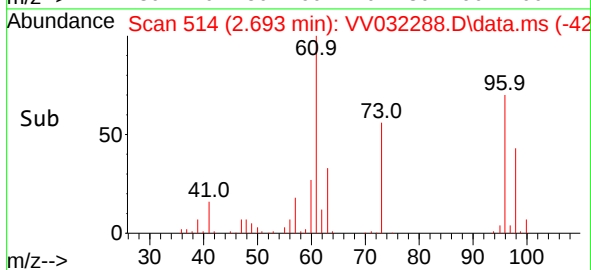
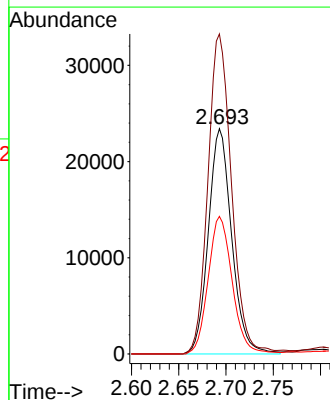
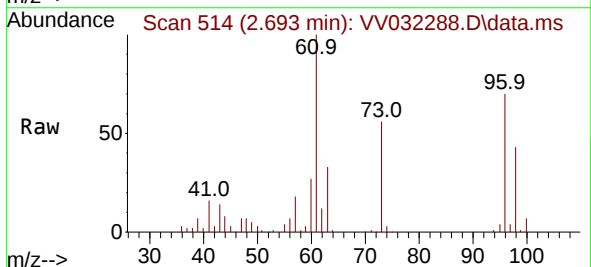
Instrument :
MSVOA_V
ClientSampleId :
EX874MSD

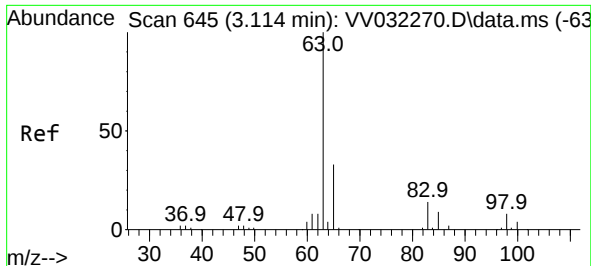
Tgt Ion: 73 Resp: 106910
Ion Ratio Lower Upper
73 100
43 21.4 15.1 22.7
57 26.4 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 6.004 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Tgt Ion: 96 Resp: 40269
Ion Ratio Lower Upper
96 100
61 142.0 96.9 180.1
98 61.1 45.3 84.1





#19

1,1-Dichloroethane

Concen: 6.627 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV032288.D

Acq: 06 Oct 2023 07:08

Instrument :

MSVOA_V

ClientSampleId :

EX874MSD

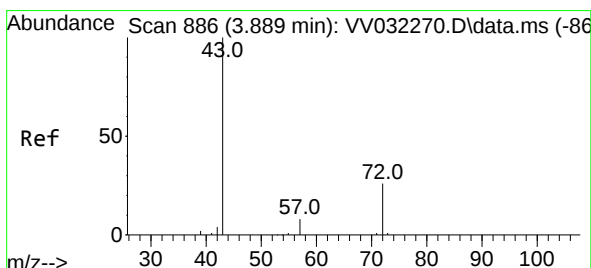
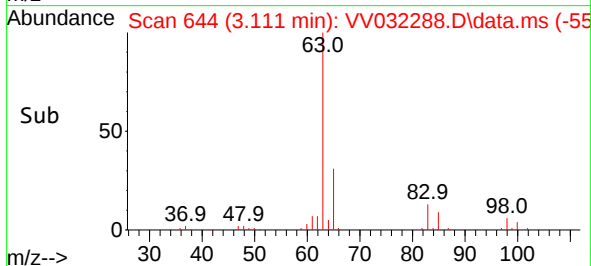
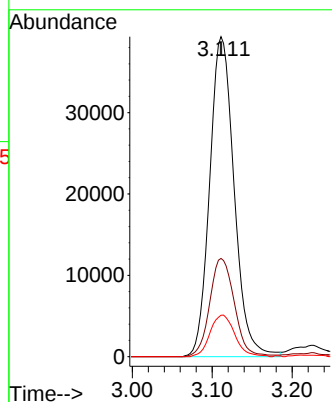
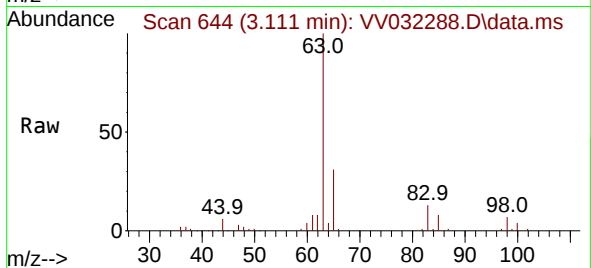
Tgt Ion: 63 Resp: 83611

Ion Ratio Lower Upper

63 100

65 30.7 22.3 41.5

83 13.0 9.0 16.6



#21

2-Butanone

Concen: 67.496 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.019 min

Lab File: VV032288.D

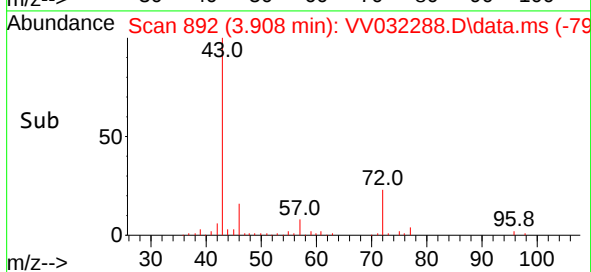
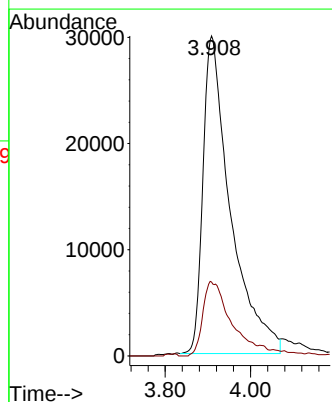
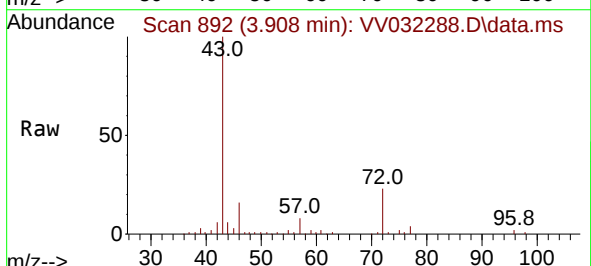
Acq: 06 Oct 2023 07:08

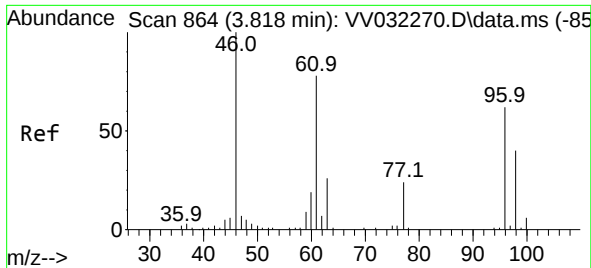
Tgt Ion: 43 Resp: 133621

Ion Ratio Lower Upper

43 100

72 23.4 11.6 34.8

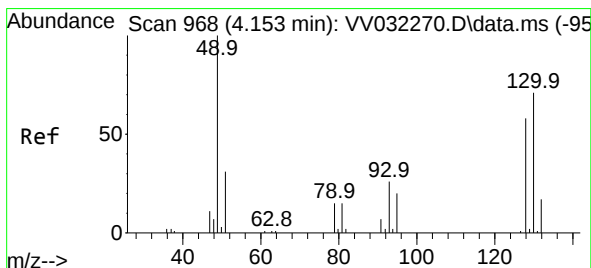
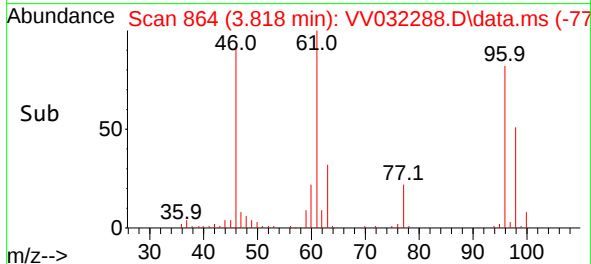
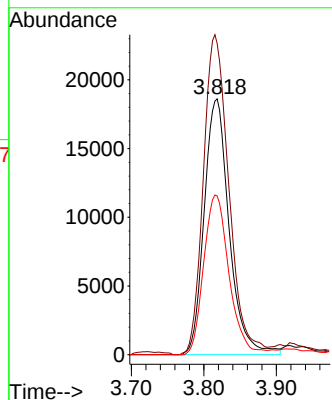
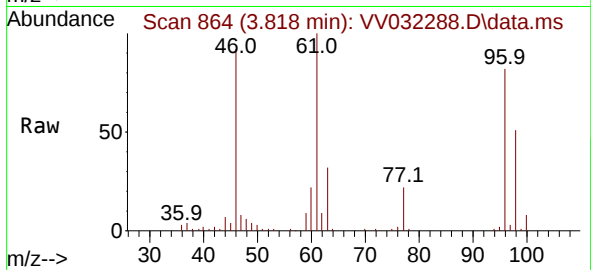




#22
 cis-1,2-Dichloroethene
 Concen: 6.178 ug/L
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV032288.D
 Acq: 06 Oct 2023 07:08

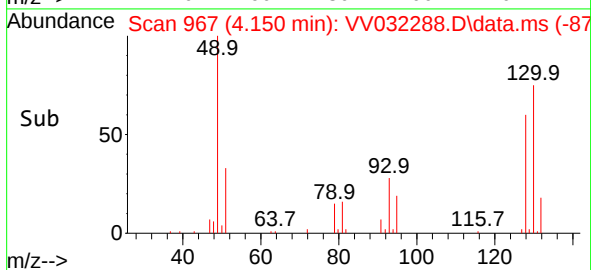
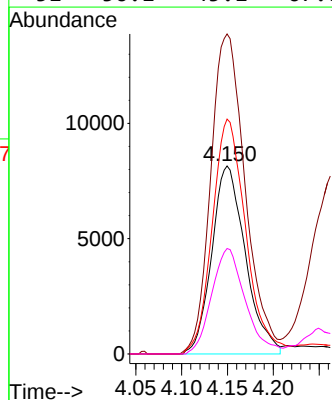
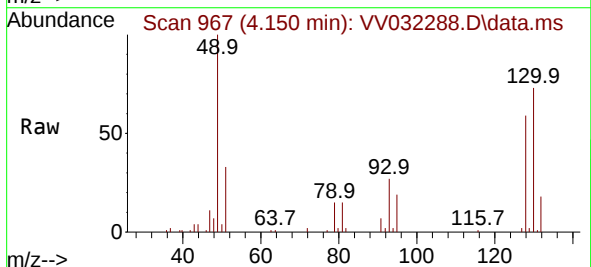
Instrument :
 MSVOA_V
 ClientSampleId :
 EX874MSD

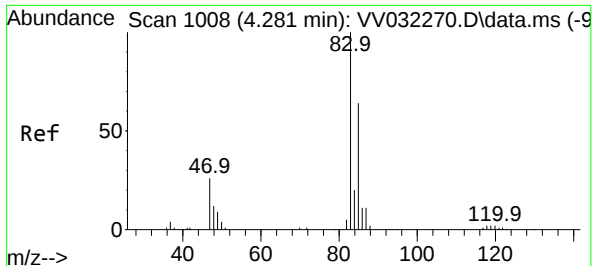
Tgt Ion: 96 Resp: 44613
 Ion Ratio Lower Upper
 96 100
 61 121.6 85.8 159.4
 98 62.0 44.0 81.6



#23
 Bromochloromethane
 Concen: 6.842 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. -0.003 min
 Lab File: VV032288.D
 Acq: 06 Oct 2023 07:08

Tgt Ion: 128 Resp: 20786
 Ion Ratio Lower Upper
 128 100
 49 170.2 121.2 225.0
 130 124.9 88.2 163.8
 51 56.1 45.1 67.7





#25

Chloroform

Concen: 15.864 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.003 min

Lab File: VV032288.D

Acq: 06 Oct 2023 07:08

Instrument :

MSVOA_V

ClientSampleId :

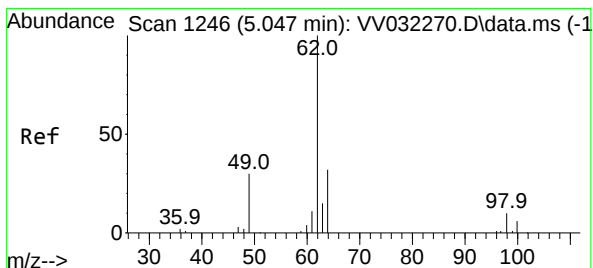
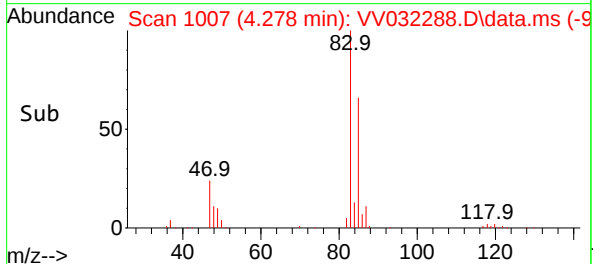
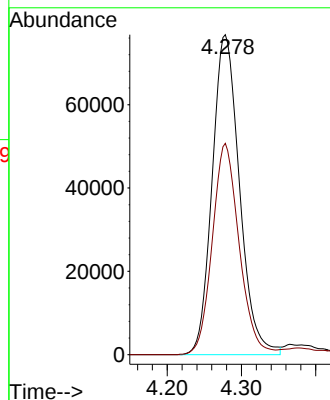
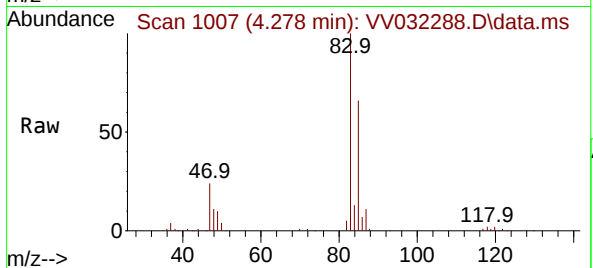
EX874MSD

Tgt Ion: 83 Resp: 196368

Ion Ratio Lower Upper

83 100

85 66.0 45.4 84.4



#27

1,2-Dichloroethane

Concen: 6.540 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VV032288.D

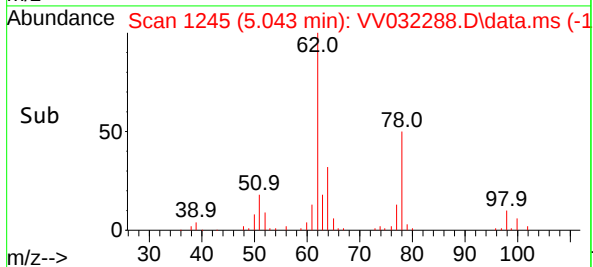
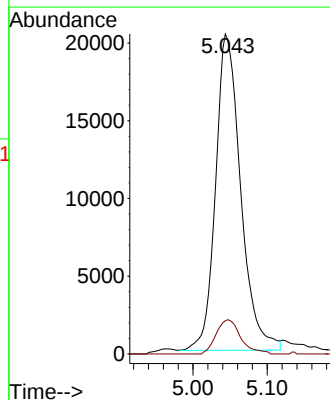
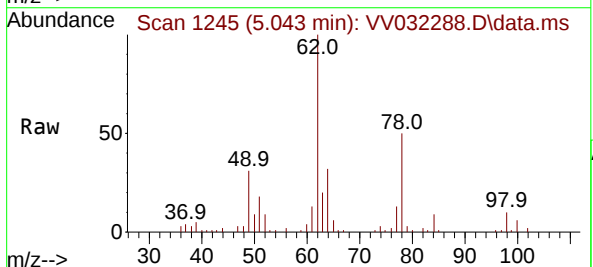
Acq: 06 Oct 2023 07:08

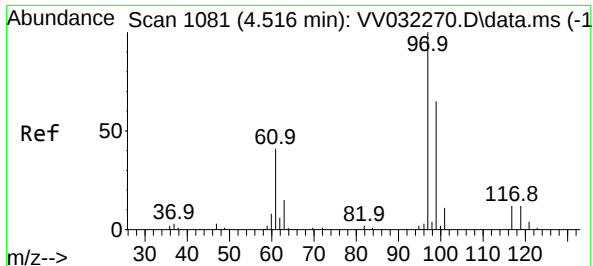
Tgt Ion: 62 Resp: 47829

Ion Ratio Lower Upper

62 100

98 10.4 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 6.529 ug/L

RT: 4.513 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV032288.D

Acq: 06 Oct 2023 07:08

Instrument :

MSVOA_V

ClientSampleId :

EX874MSD

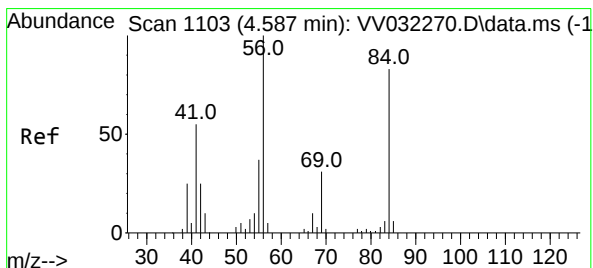
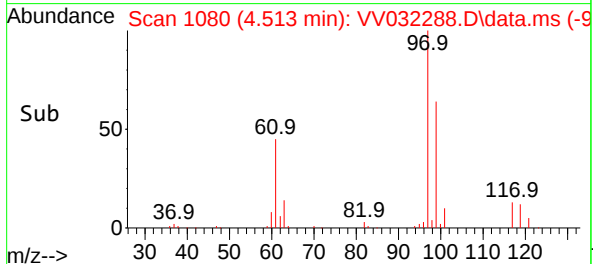
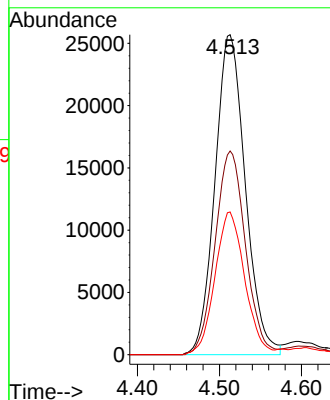
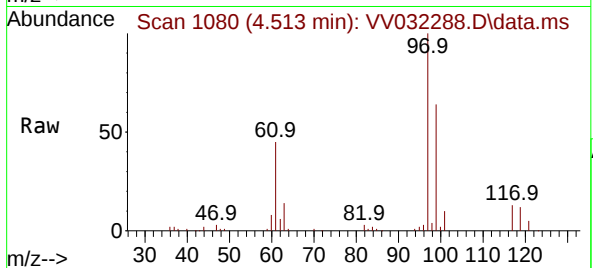
Tgt Ion: 97 Resp: 66173

Ion Ratio Lower Upper

97 100

99 63.7 50.1 75.1

61 43.7 35.1 52.7



#30

Cyclohexane

Concen: 4.586 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.006 min

Lab File: VV032288.D

Acq: 06 Oct 2023 07:08

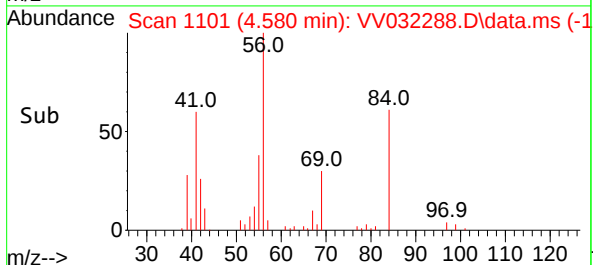
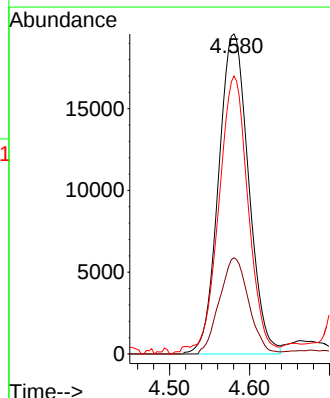
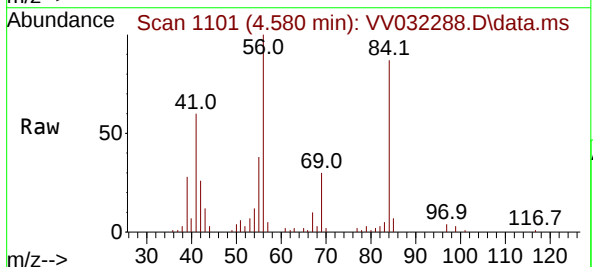
Tgt Ion: 56 Resp: 51082

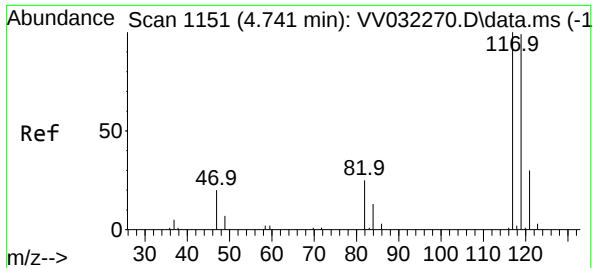
Ion Ratio Lower Upper

56 100

69 29.3 24.2 36.2

84 85.2 68.1 102.1

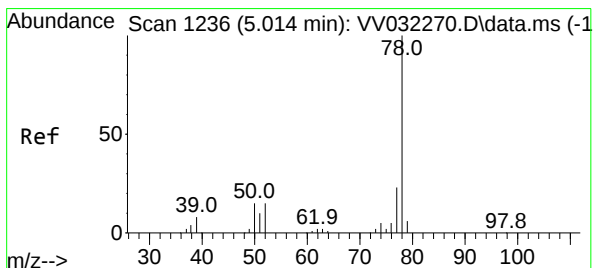
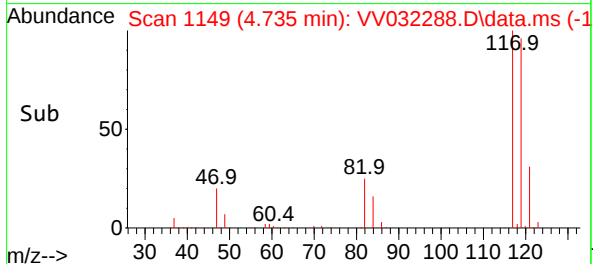
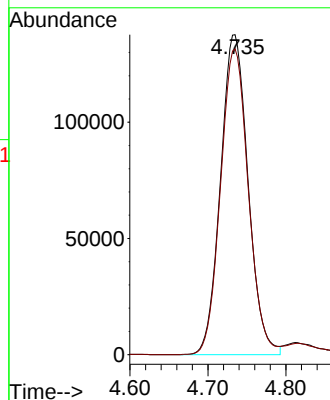
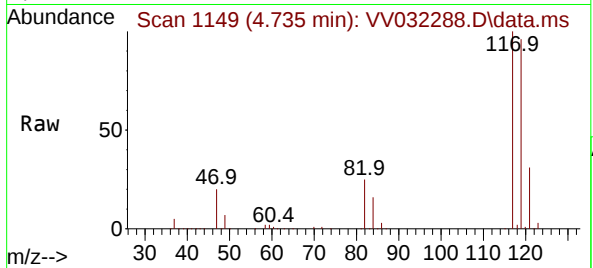




#31
Carbon tetrachloride
Concen: 39.518 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

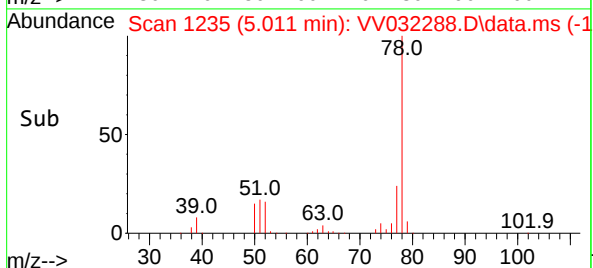
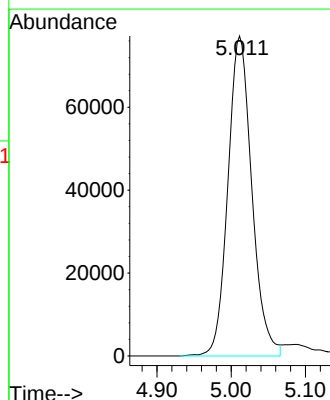
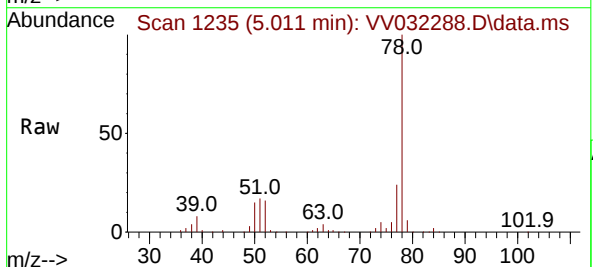
Instrument :
MSVOA_V
ClientSampleId :
EX874MSD

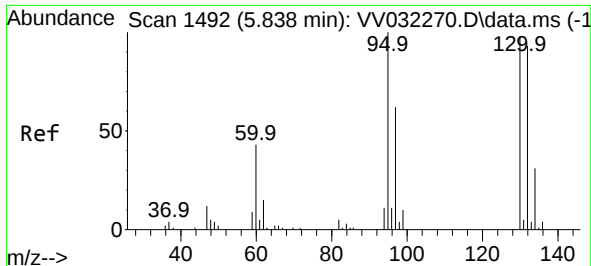
Tgt Ion:117 Resp: 338910
Ion Ratio Lower Upper
117 100
119 96.0 77.6 116.4



#33
Benzene
Concen: 6.589 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Tgt Ion: 78 Resp: 172935

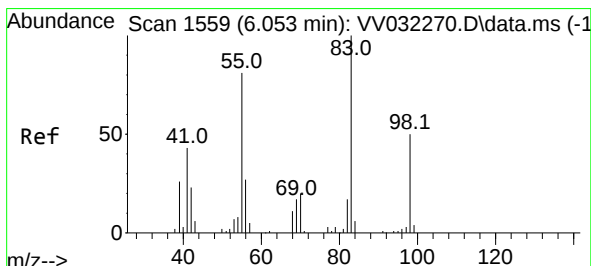
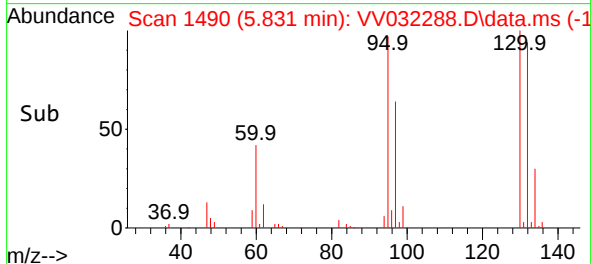
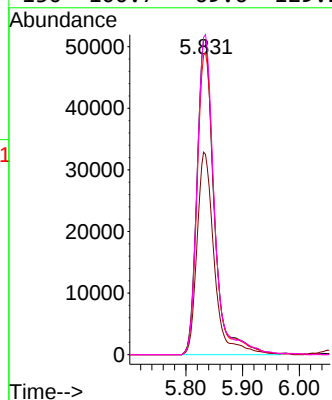
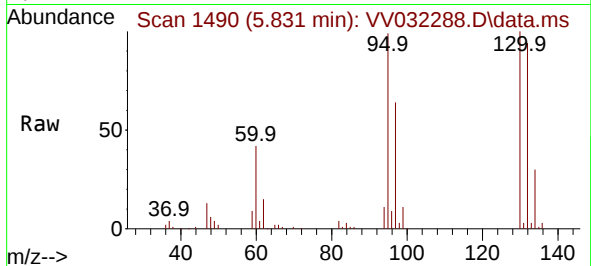




#34
Trichloroethene
Concen: 15.147 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.006 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

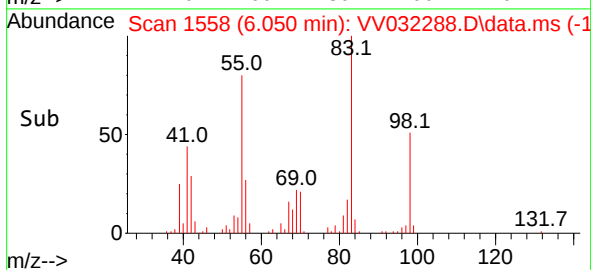
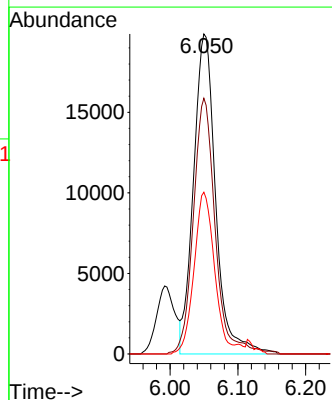
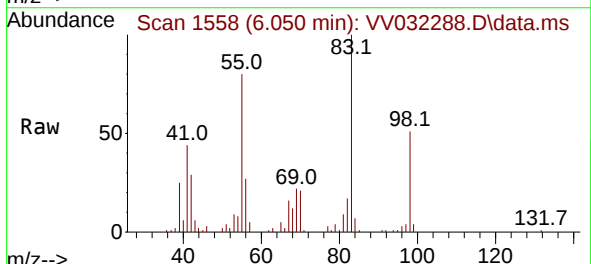
Instrument :
MSVOA_V
ClientSampleId :
EX874MSD

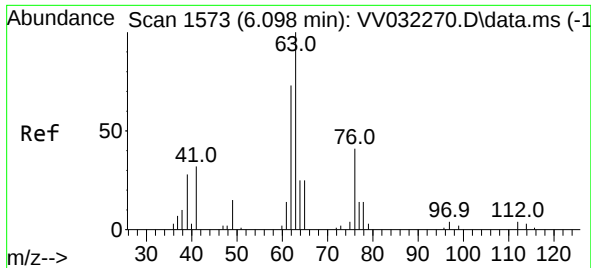
Tgt Ion: 95 Resp: 108533
Ion Ratio Lower Upper
95 100
97 64.3 45.7 84.9
132 94.9 70.3 130.5
130 100.7 69.6 129.2



#35
Methylcyclohexane
Concen: 4.075 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.003 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Tgt Ion: 83 Resp: 45181
Ion Ratio Lower Upper
83 100
55 78.6 64.2 96.2
98 46.5 39.6 59.4

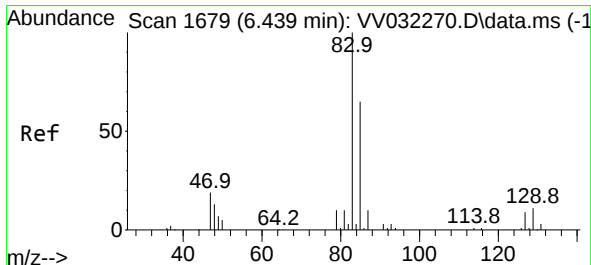
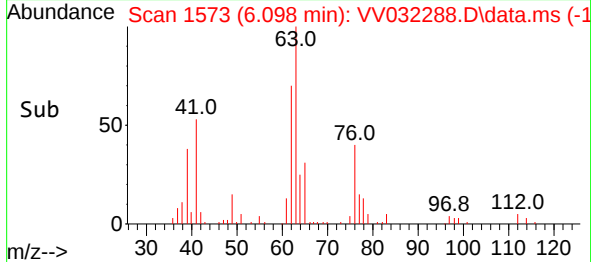
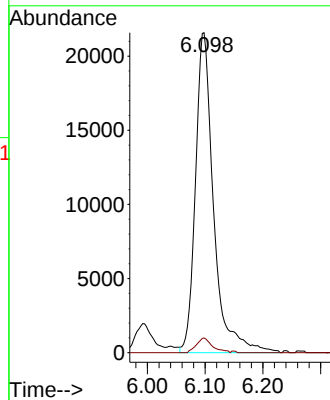
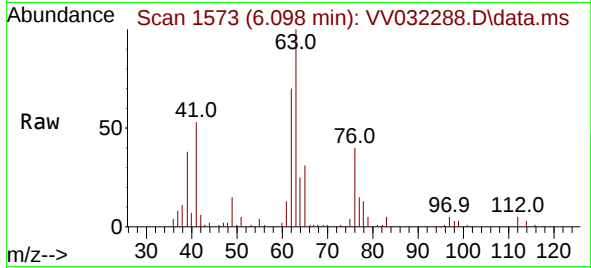




#37
1,2-Dichloropropane
Concen: 6.717 ug/L
RT: 6.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

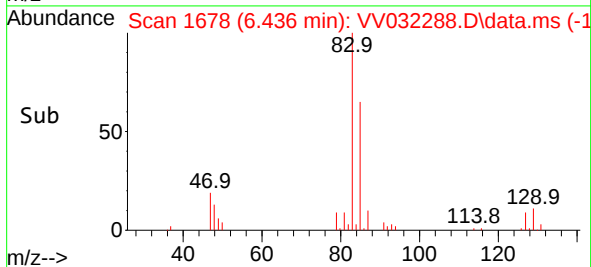
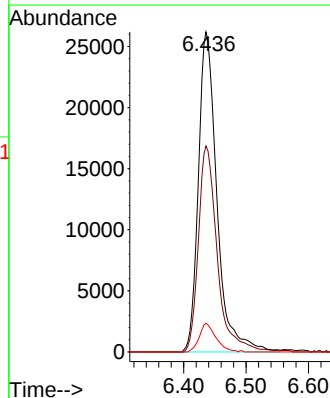
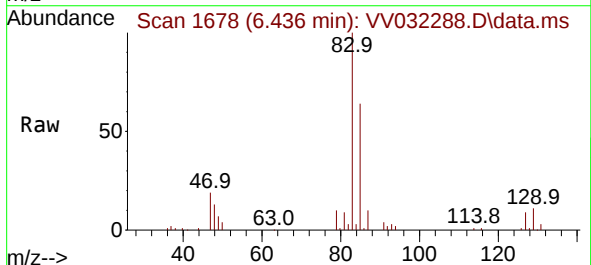
Instrument :
MSVOA_V
ClientSampleId :
EX874MSD

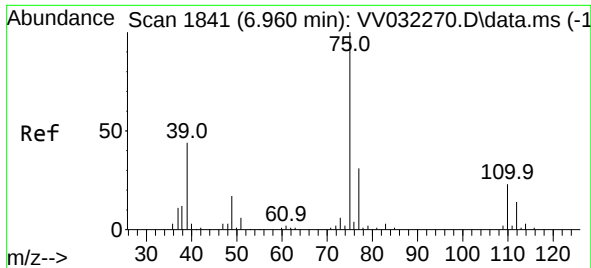
Tgt Ion: 63 Resp: 47150
Ion Ratio Lower Upper
63 100
112 4.0 3.4 5.2



#38
Bromodichloromethane
Concen: 6.514 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. -0.003 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Tgt Ion: 83 Resp: 54326
Ion Ratio Lower Upper
83 100
85 64.4 44.9 83.3
127 9.0 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.697 ug/L

RT: 6.960 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV032288.D

Acq: 06 Oct 2023 07:08

Instrument :

MSVOA_V

ClientSampleId :

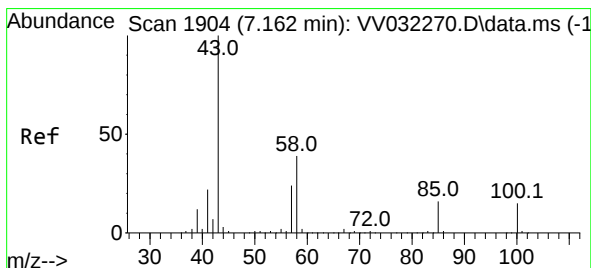
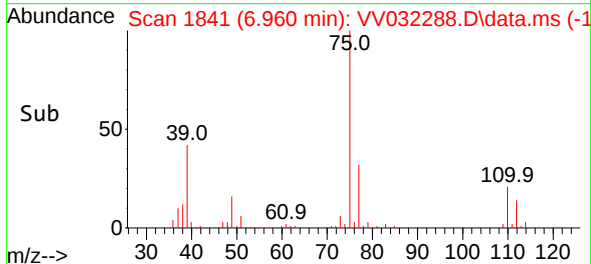
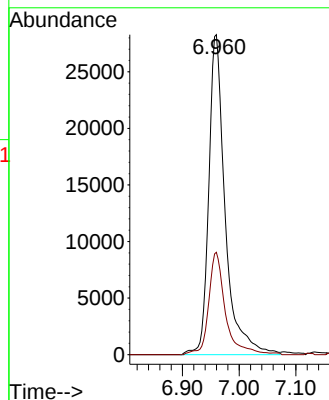
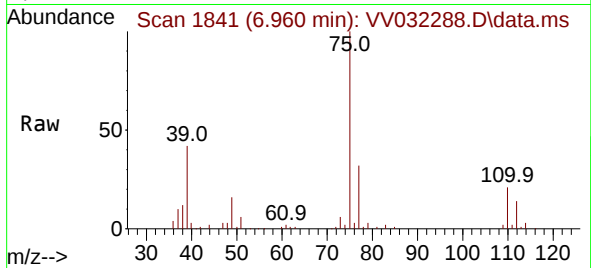
EX874MSD

Tgt Ion: 75 Resp: 56904

Ion Ratio Lower Upper

75 100

77 32.0 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 71.195 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VV032288.D

Acq: 06 Oct 2023 07:08

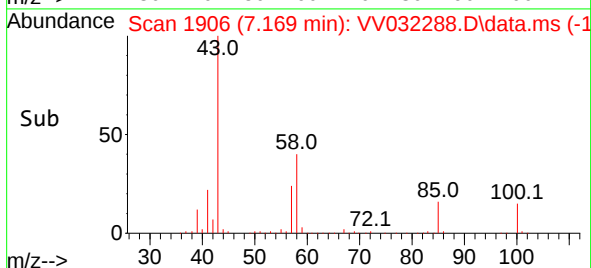
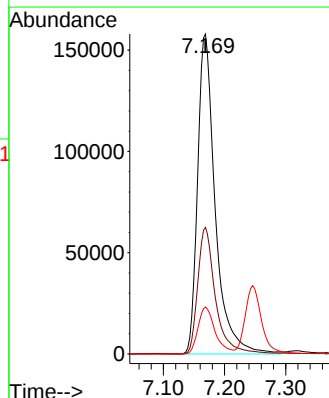
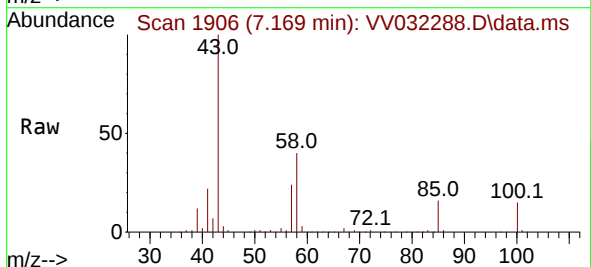
Tgt Ion: 43 Resp: 316253

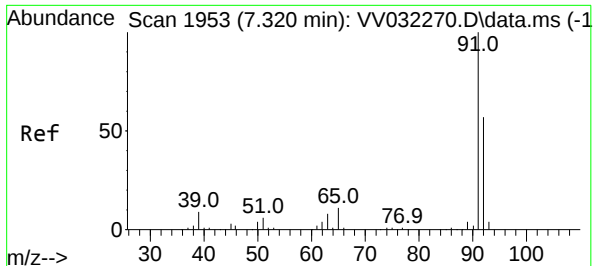
Ion Ratio Lower Upper

43 100

58 39.8 31.9 47.9

100 14.2 11.3 16.9





#42

Toluene

Concen: 6.862 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.003 min

Lab File: VV032288.D

Acq: 06 Oct 2023 07:08

Instrument :

MSVOA_V

ClientSampleId :

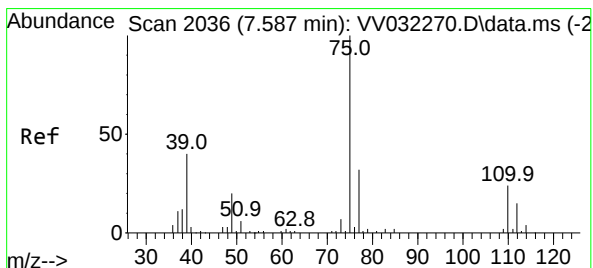
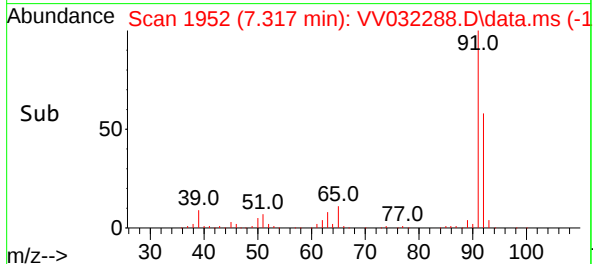
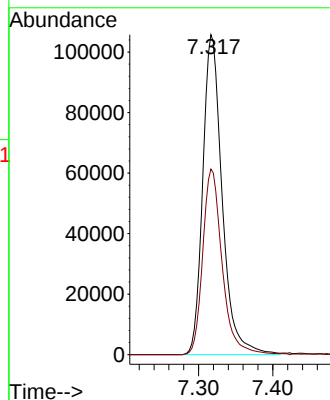
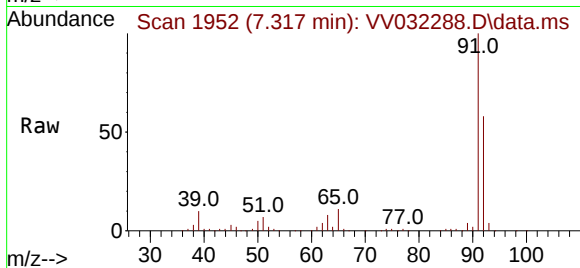
EX874MSD

Tgt Ion: 91 Resp: 192008

Ion Ratio Lower Upper

91 100

92 58.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.620 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.000 min

Lab File: VV032288.D

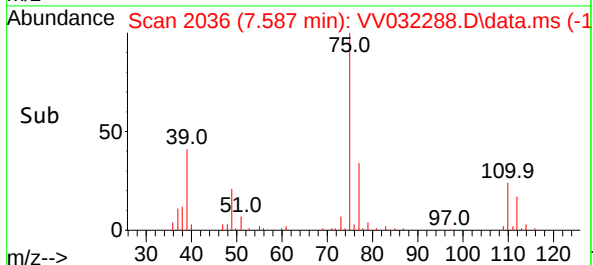
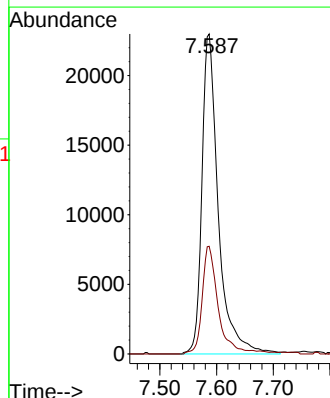
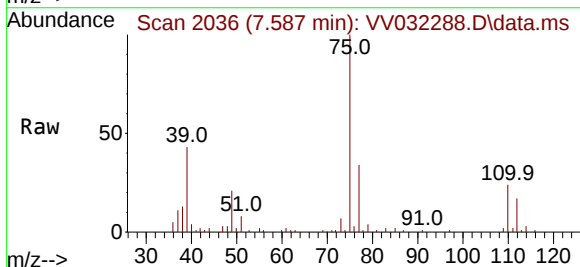
Acq: 06 Oct 2023 07:08

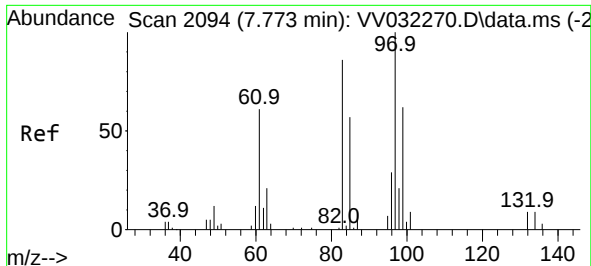
Tgt Ion: 75 Resp: 46135

Ion Ratio Lower Upper

75 100

77 33.6 22.5 41.7



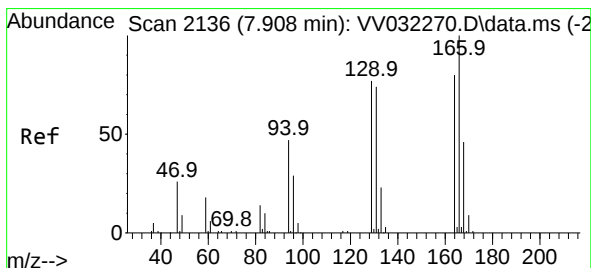
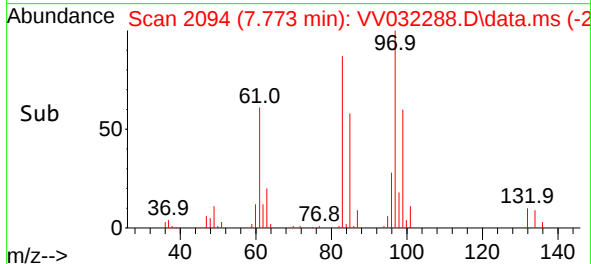
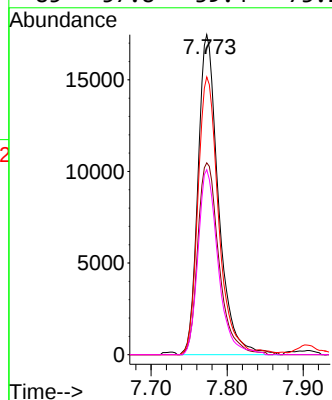
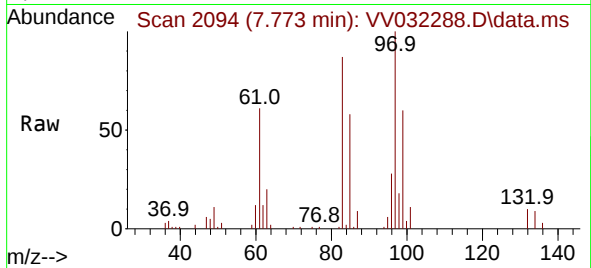


#45
1,1,2-Trichloroethane
Concen: 6.584 ug/L
RT: 7.773 min Scan# 2094
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Instrument :
MSVOA_V
ClientSampleId :
EX874MSD

Tgt Ion: 97 Resp: 32603

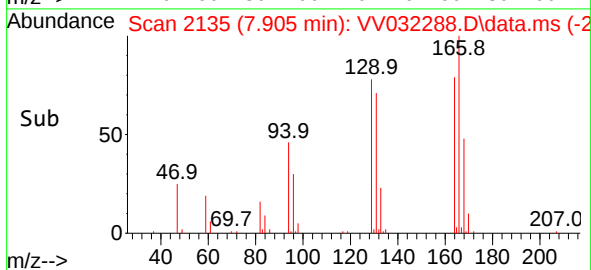
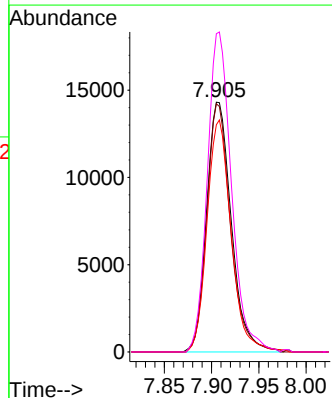
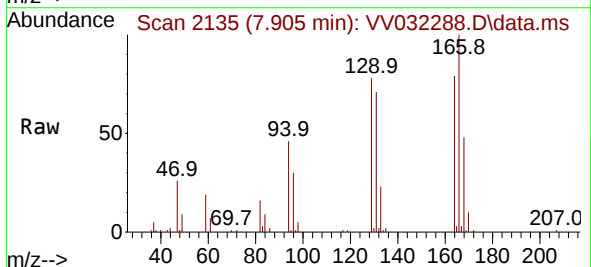
Ion	Ratio	Lower	Upper
97	100		
99	60.0	42.8	79.4
83	86.8	60.9	113.1
85	57.8	39.4	73.2

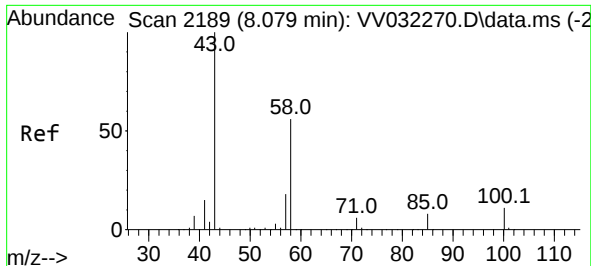


#47
Tetrachloroethene
Concen: 4.805 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.003 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Tgt Ion: 164 Resp: 26110

Ion	Ratio	Lower	Upper
164	100		
129	99.3	66.4	123.4
131	91.0	63.7	118.3
166	127.4	87.9	163.3



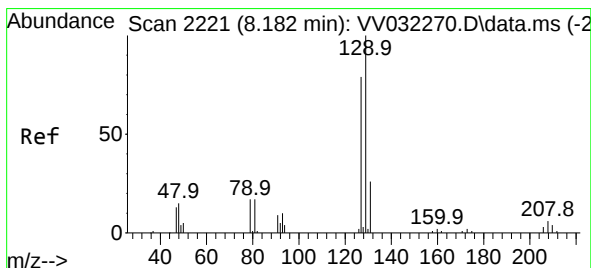
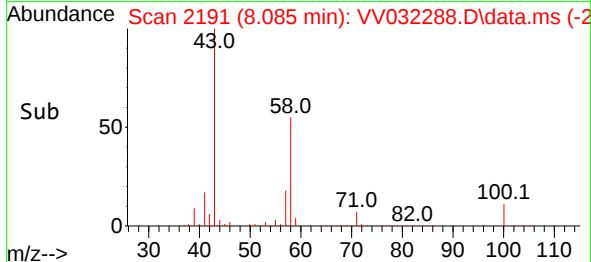
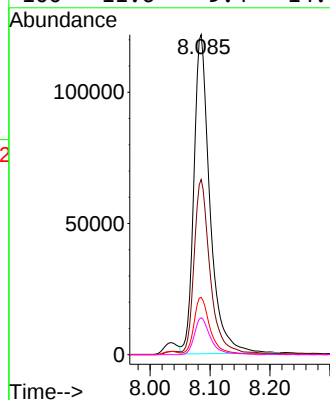
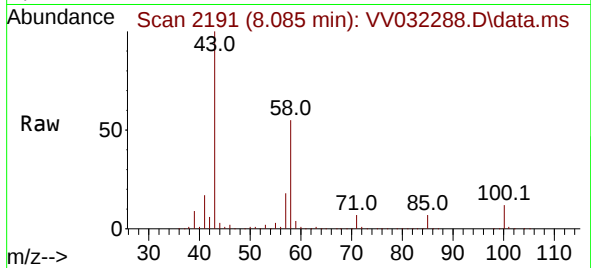


#48
2-Hexanone
Concen: 72.525 ug/L
RT: 8.085 min Scan# 2189
Delta R.T. 0.006 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Instrument :
MSVOA_V
ClientSampleId :
EX874MSD

Tgt Ion: 43 Resp: 227299

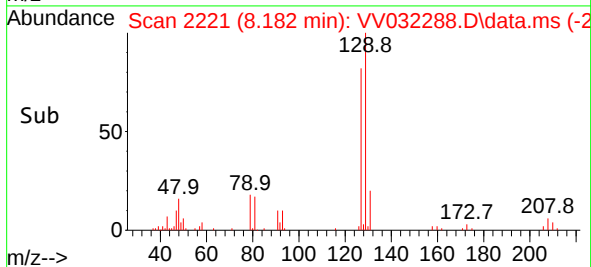
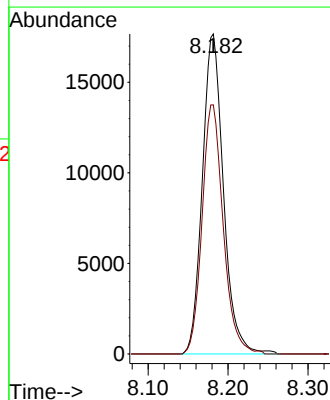
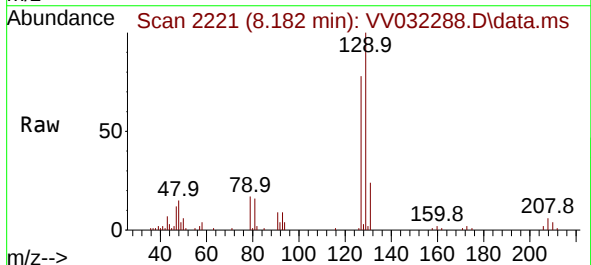
Ion	Ratio	Lower	Upper
43	100		
58	54.1	43.6	65.4
57	17.9	14.6	22.0
100	11.6	9.4	14.0

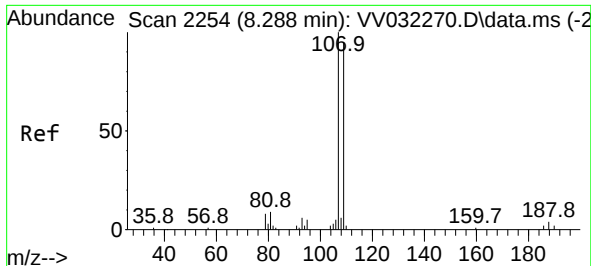


#49
Dibromochloromethane
Concen: 6.300 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Tgt Ion: 129 Resp: 32477

Ion	Ratio	Lower	Upper
129	100		
127	77.8	57.2	106.2





#50

1,2-Dibromoethane

Concen: 6.611 ug/L

RT: 8.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV032288.D

Acq: 06 Oct 2023 07:08

Instrument :

MSVOA_V

ClientSampleId :

EX874MSD

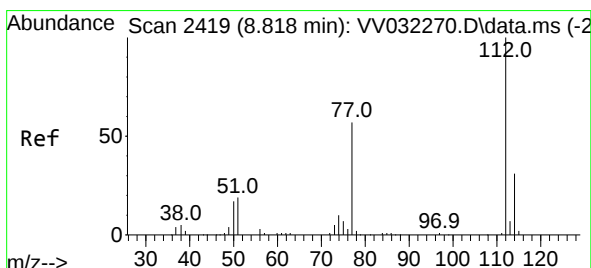
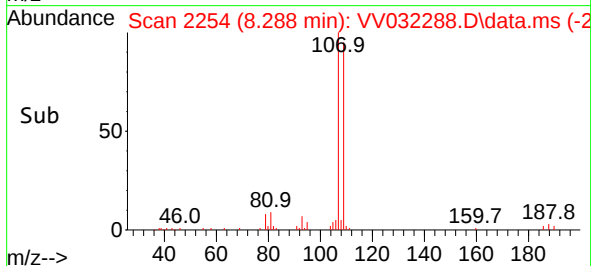
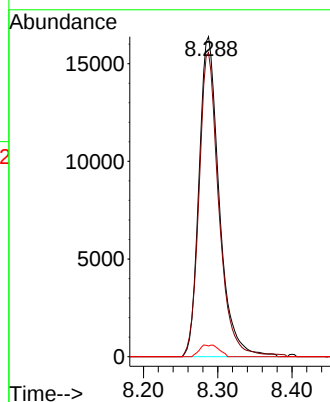
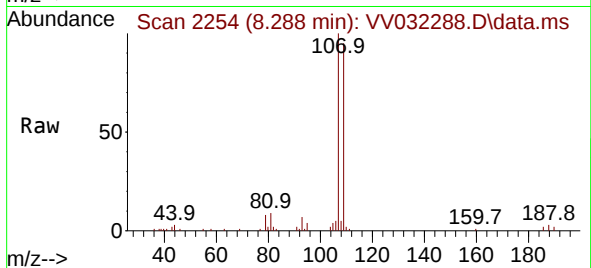
Tgt Ion:107 Resp: 30961

Ion Ratio Lower Upper

107 100

109 95.0 68.4 127.0

188 3.4 3.2 4.8



#51

Chlorobenzene

Concen: 5.245 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. -0.000 min

Lab File: VV032288.D

Acq: 06 Oct 2023 07:08

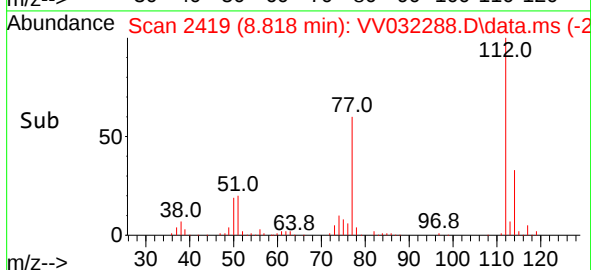
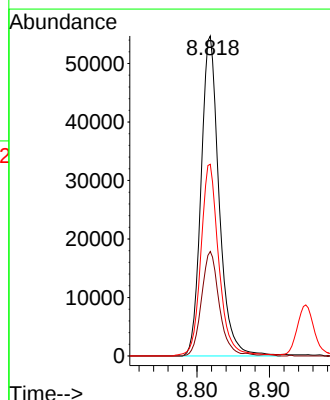
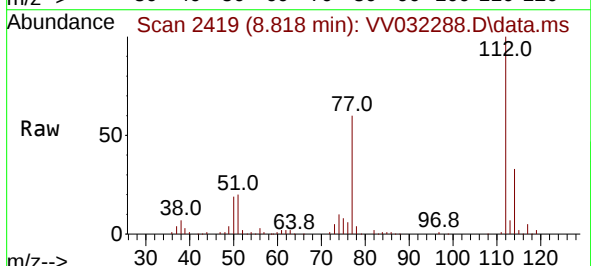
Tgt Ion:112 Resp: 94494

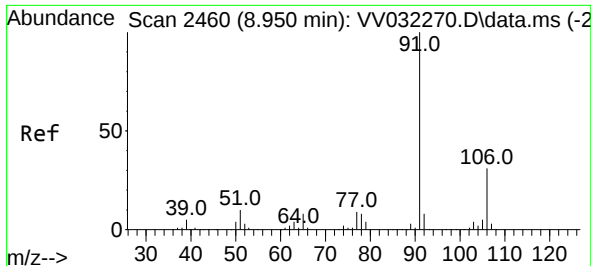
Ion Ratio Lower Upper

112 100

114 32.7 22.1 41.1

77 59.9 46.1 69.1

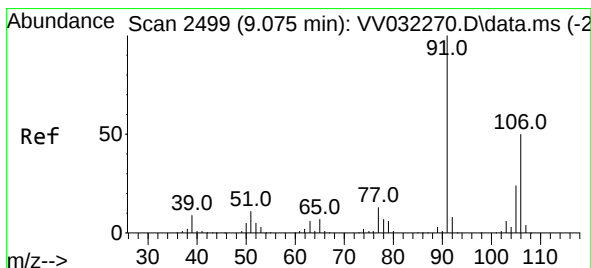
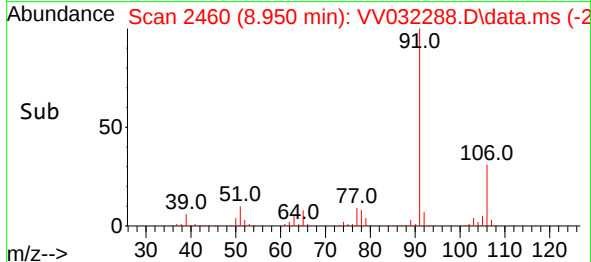
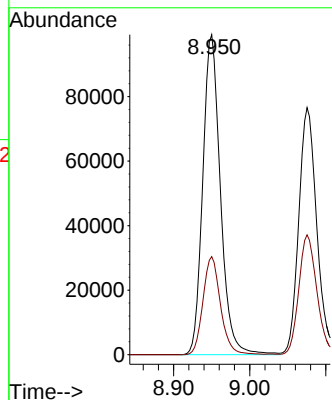
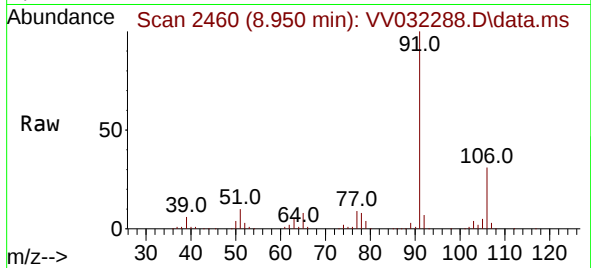




#52
Ethylbenzene
Concen: 5.141 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

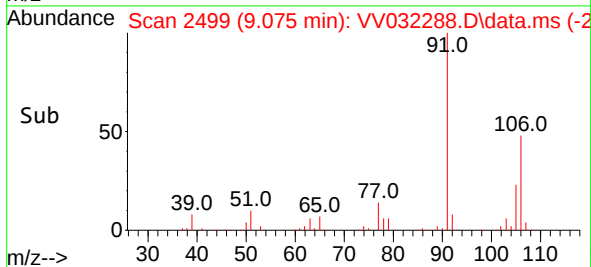
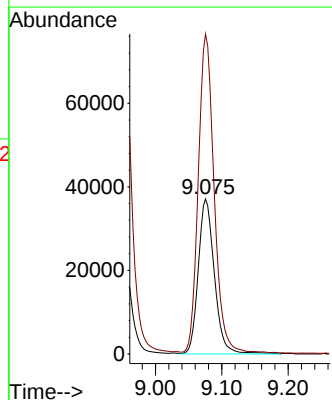
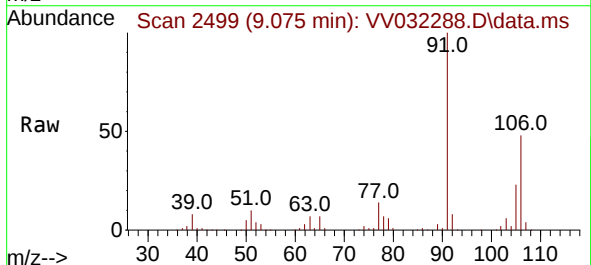
Instrument :
MSVOA_V
ClientSampleId :
EX874MSD

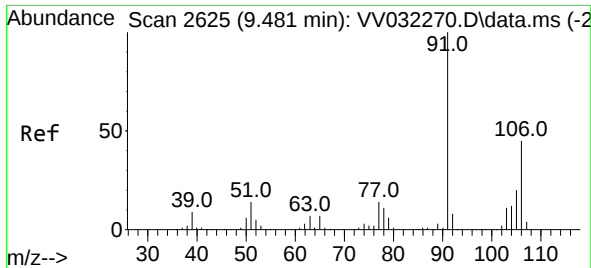
Tgt Ion: 91 Resp: 160186
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.5



#53
m,p-Xylene
Concen: 5.429 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Tgt Ion: 106 Resp: 62738
Ion Ratio Lower Upper
106 100
91 206.3 144.5 268.3

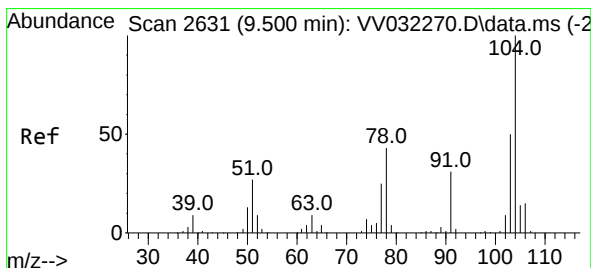
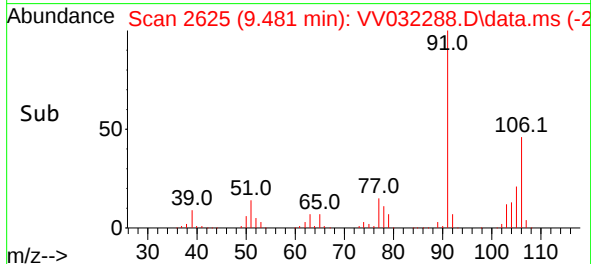
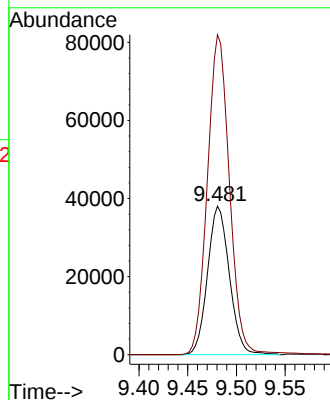
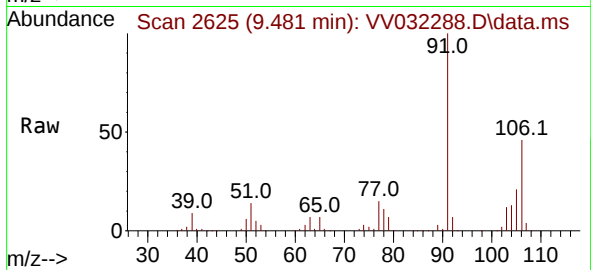




#54
o-Xylene
Concen: 5.322 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

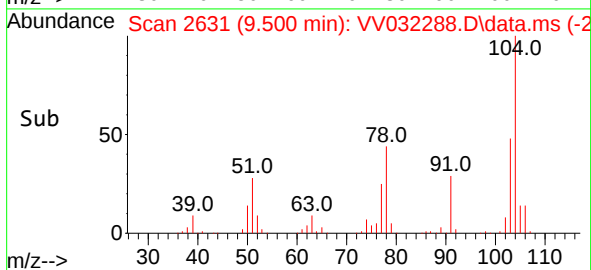
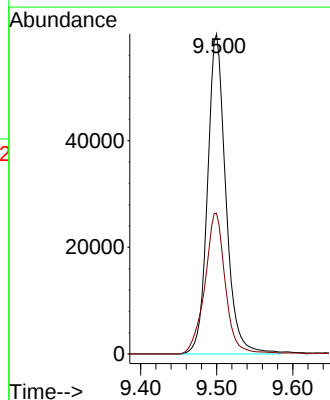
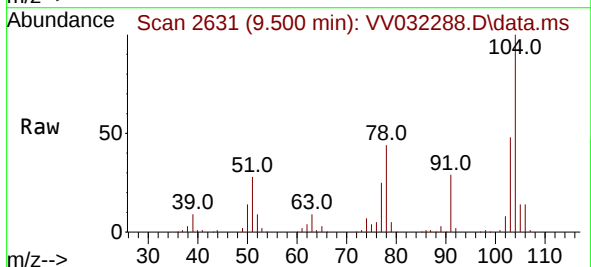
Instrument :
MSVOA_V
ClientSampleId :
EX874MSD

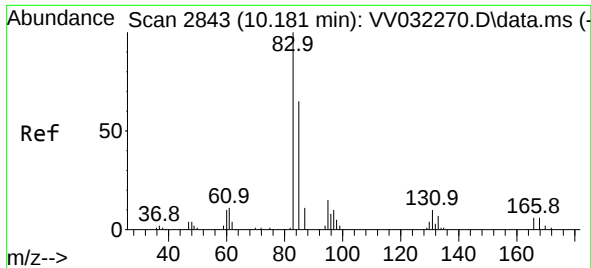
Tgt Ion:106 Resp: 59259
Ion Ratio Lower Upper
106 100
91 215.5 154.8 287.4



#55
Styrene
Concen: 5.330 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Tgt Ion:104 Resp: 100234
Ion Ratio Lower Upper
104 100
78 43.9 29.9 55.5

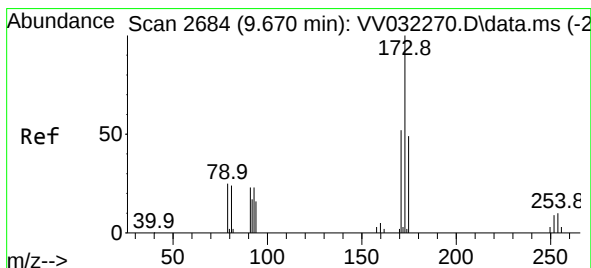
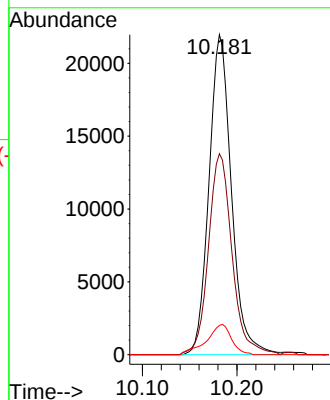
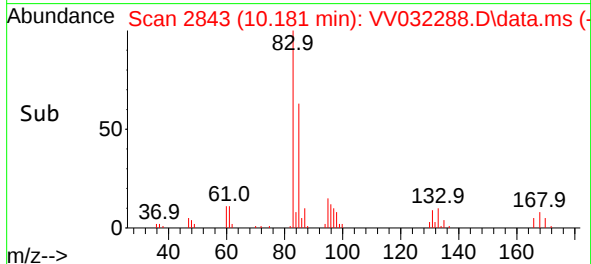
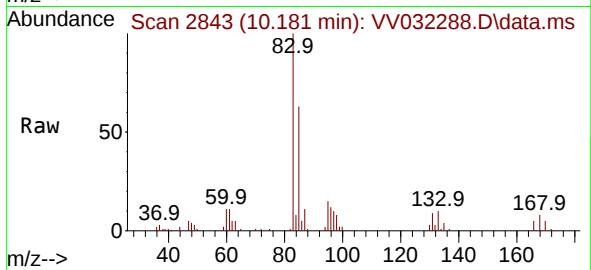




#57
1,1,2,2-Tetrachloroethane
Concen: 6.644 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

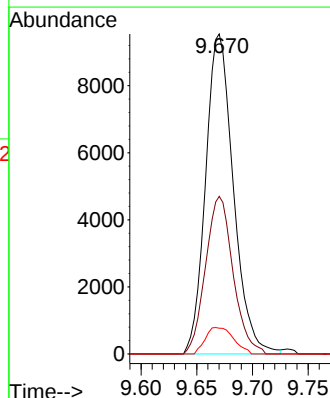
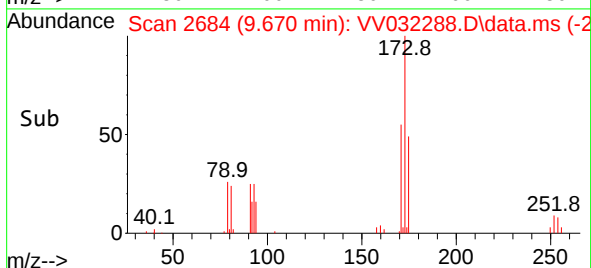
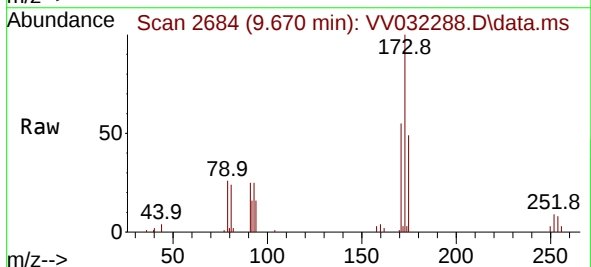
Instrument :
MSVOA_V
ClientSampleId :
EX874MSD

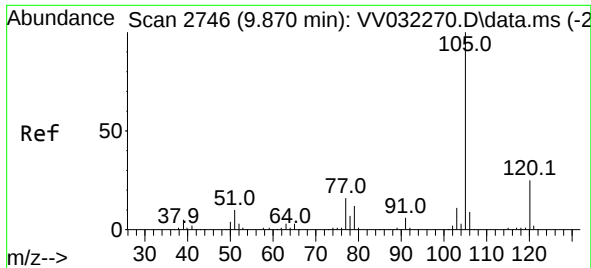
Tgt Ion: 83 Resp: 36200
Ion Ratio Lower Upper
83 100
85 62.8 43.6 81.0
131 9.2 7.0 10.6



#59
Bromoform
Concen: 6.805 ug/L
RT: 9.670 min Scan# 2684
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Tgt Ion: 173 Resp: 16533
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.2
254 8.4 7.0 10.4

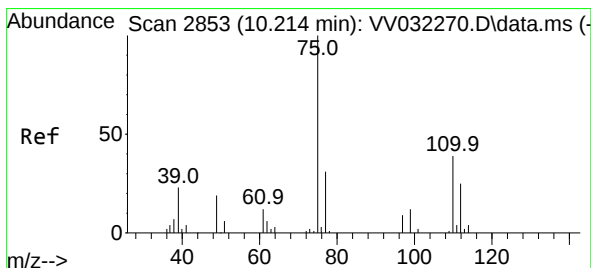
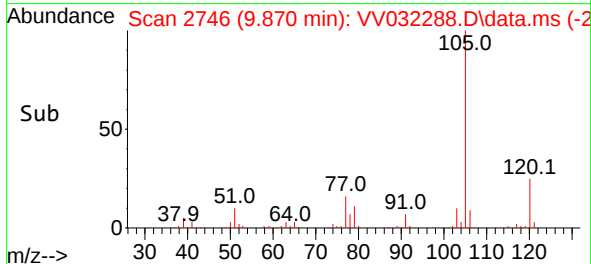
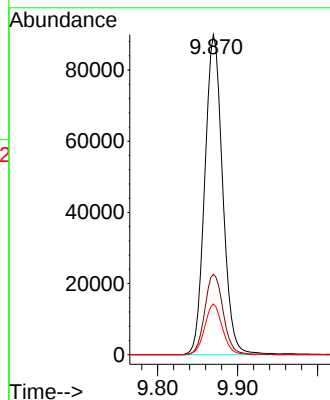
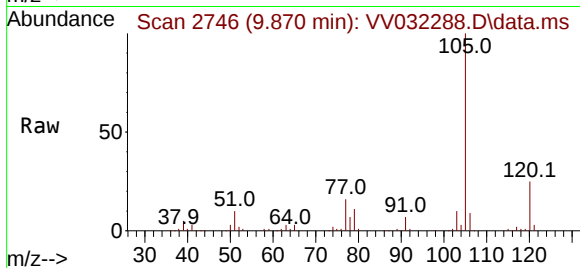




#60
Isopropylbenzene
Concen: 5.389 ug/L
RT: 9.870 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

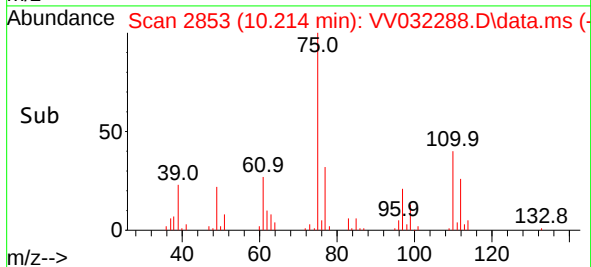
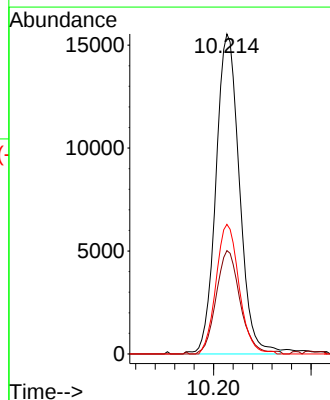
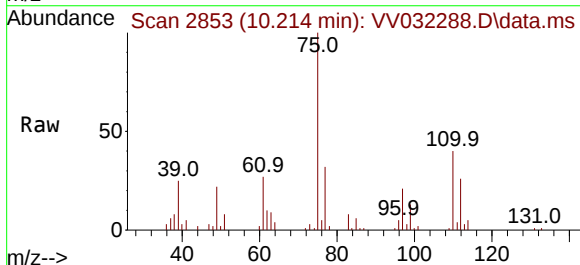
Instrument :
MSVOA_V
ClientSampleId :
EX874MSD

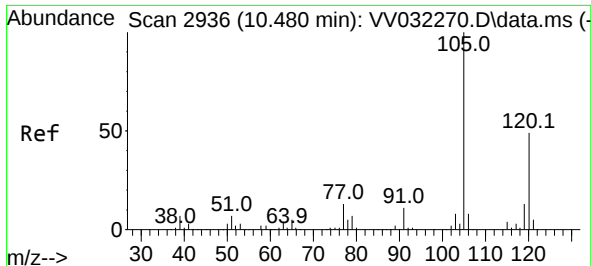
Tgt Ion:105 Resp: 139917
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 7.316 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Tgt Ion: 75 Resp: 26016
Ion Ratio Lower Upper
75 100
77 33.1 26.2 39.2
110 39.8 30.6 46.0





#62

1,3,5-Trimethylbenzene

Concen: 5.107 ug/L

RT: 10.480 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VV032288.D

Acq: 06 Oct 2023 07:08

Instrument :

MSVOA_V

ClientSampleId :

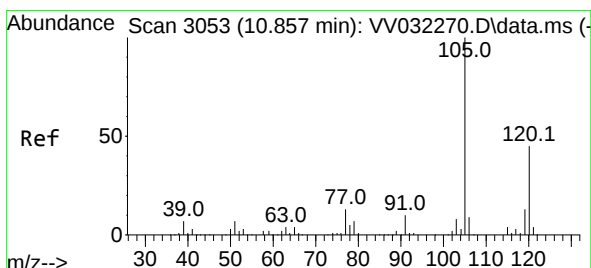
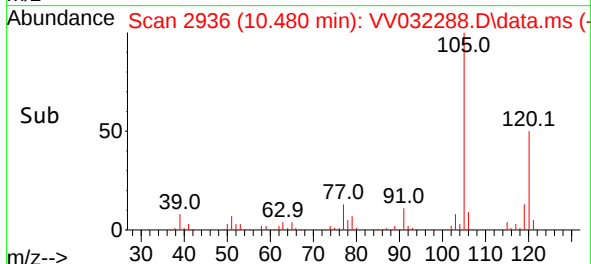
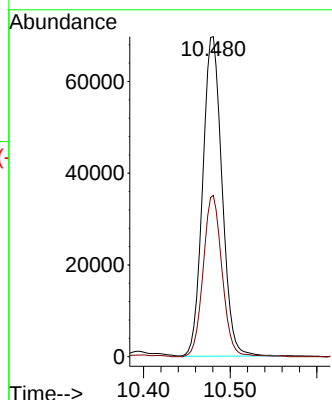
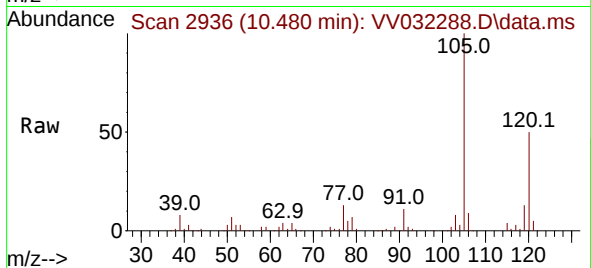
EX874MSD

Tgt Ion:105 Resp: 108068

Ion Ratio Lower Upper

105 100

120 49.3 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.274 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. -0.000 min

Lab File: VV032288.D

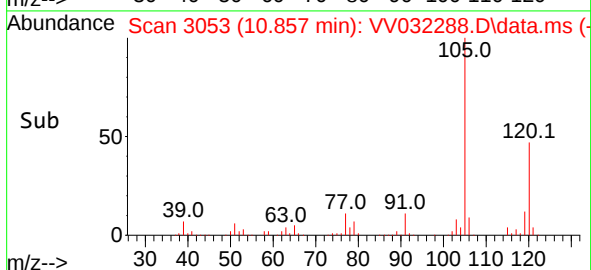
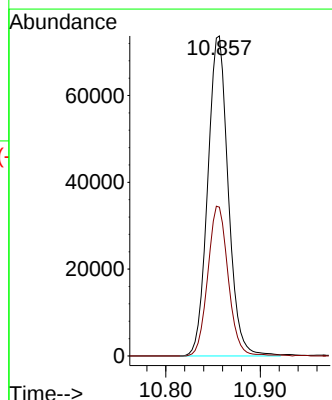
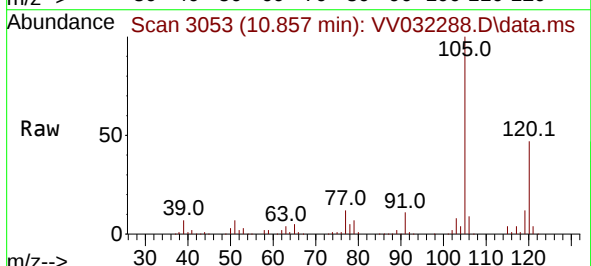
Acq: 06 Oct 2023 07:08

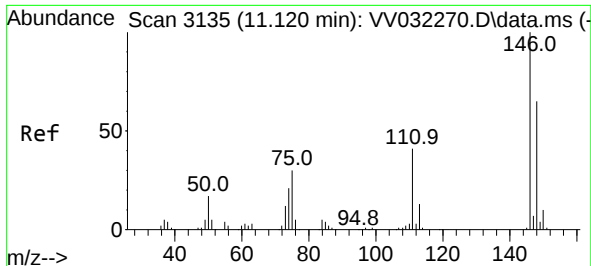
Tgt Ion:105 Resp: 111117

Ion Ratio Lower Upper

105 100

120 46.7 36.2 54.4

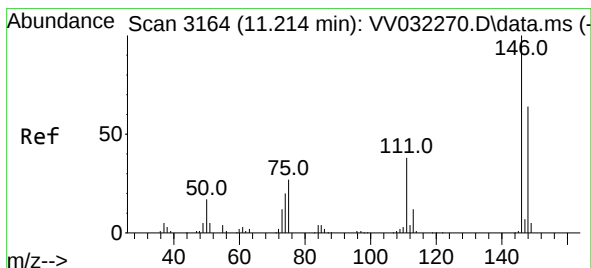
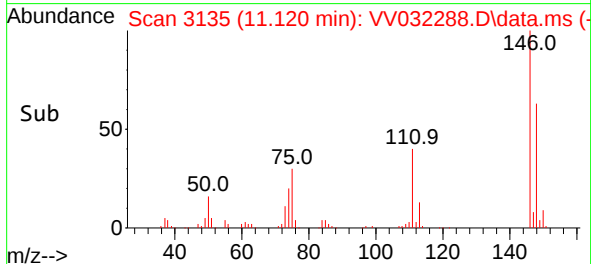
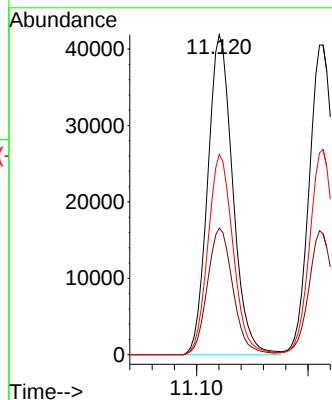
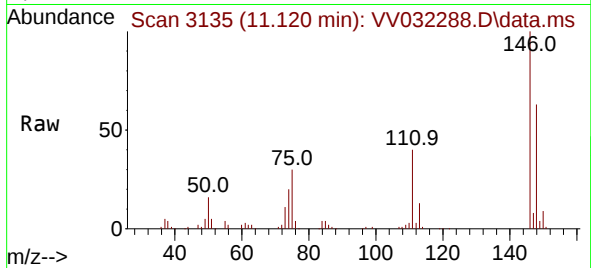




#64
1,3-Dichlorobenzene
Concen: 5.271 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

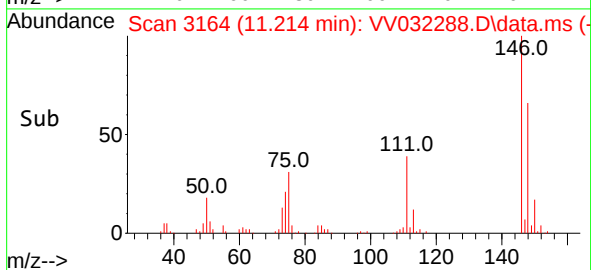
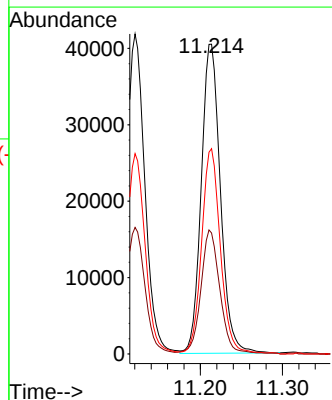
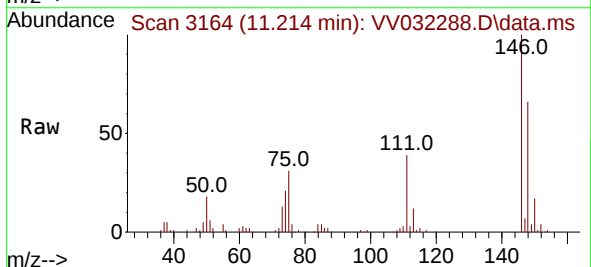
Instrument :
MSVOA_V
ClientSampleId :
EX874MSD

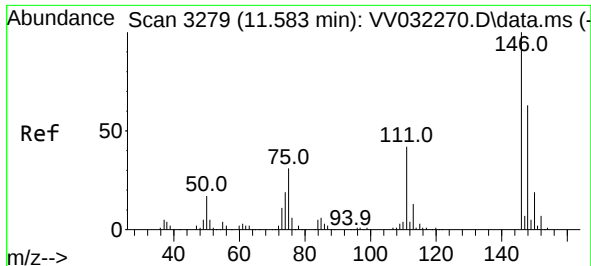
Tgt Ion:146 Resp: 65388
Ion Ratio Lower Upper
146 100
111 39.5 27.8 51.6
148 62.6 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 5.273 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Tgt Ion:146 Resp: 65617
Ion Ratio Lower Upper
146 100
111 39.1 26.9 49.9
148 66.3 44.8 83.2

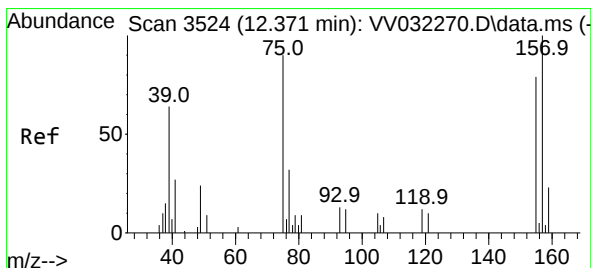
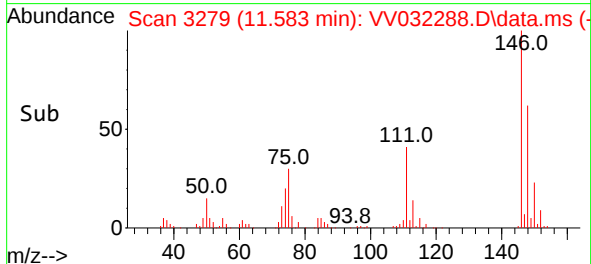
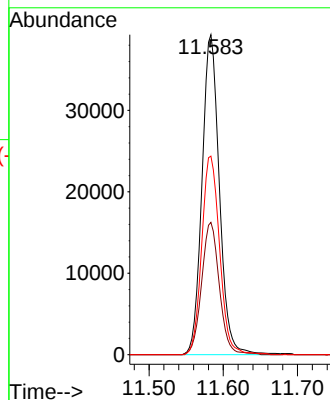
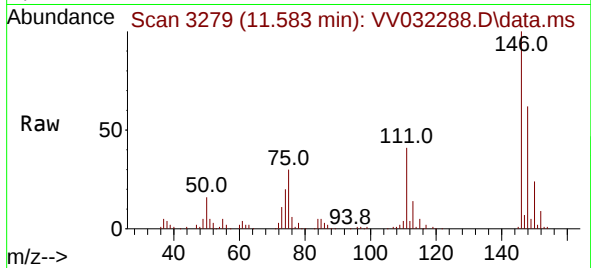




#67
1,2-Dichlorobenzene
Concen: 5.645 ug/L
RT: 11.583 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

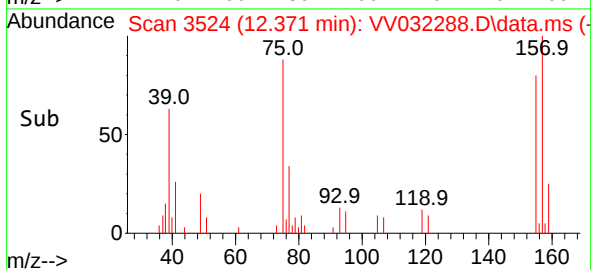
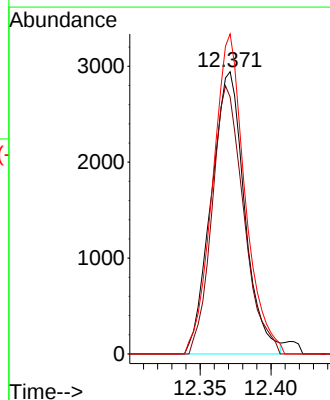
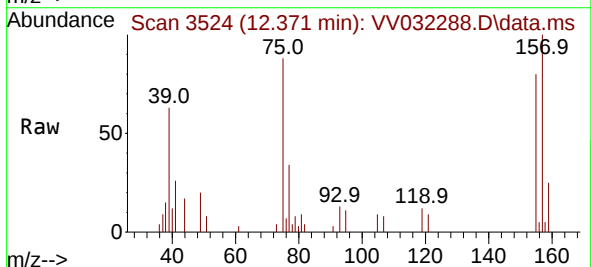
Instrument :
MSVOA_V
ClientSampleId :
EX874MSD

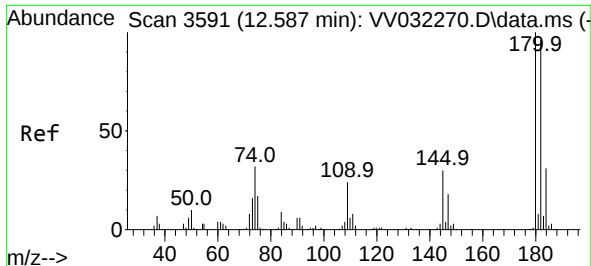
Tgt Ion:146 Resp: 63866
Ion Ratio Lower Upper
146 100
111 41.3 32.8 49.2
148 62.1 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 6.646 ug/L
RT: 12.371 min Scan# 3524
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

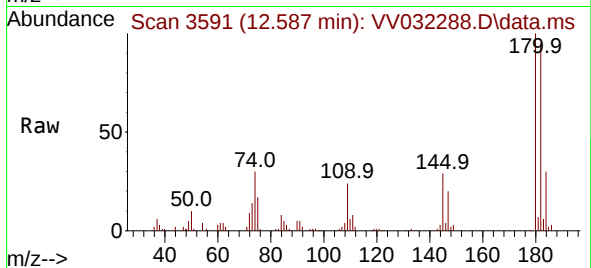
Tgt Ion: 75 Resp: 4829
Ion Ratio Lower Upper
75 100
155 91.0 70.2 105.4
157 113.3 90.6 135.8



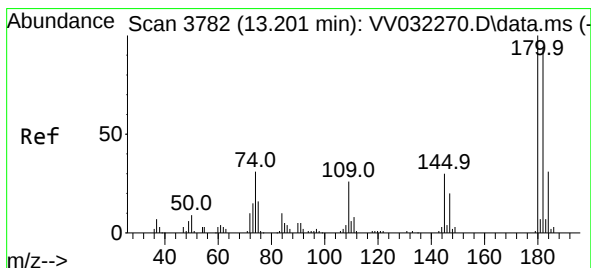
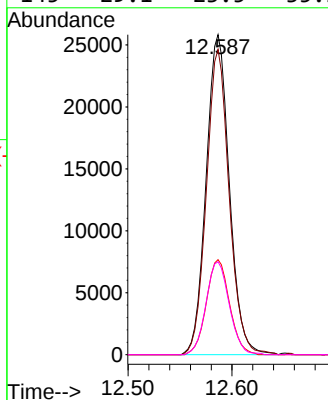
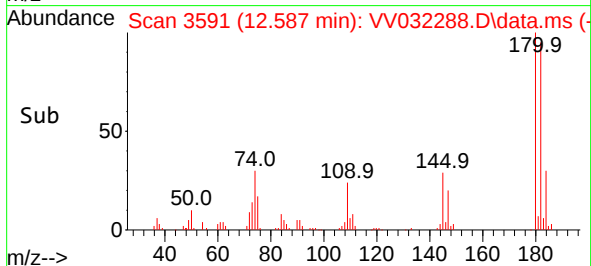


#69
1,3,5-Trichlorobenzene
Concen: 4.418 ug/L
RT: 12.587 min Scan# 3591
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

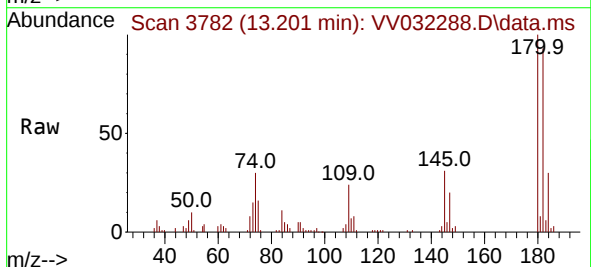
Instrument :
MSVOA_V
ClientSampleId :
EX874MSD



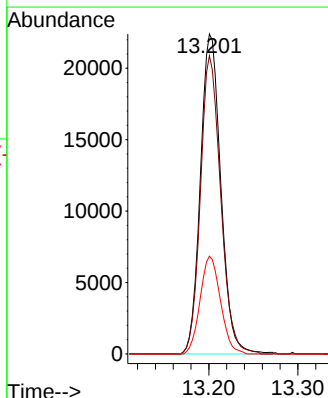
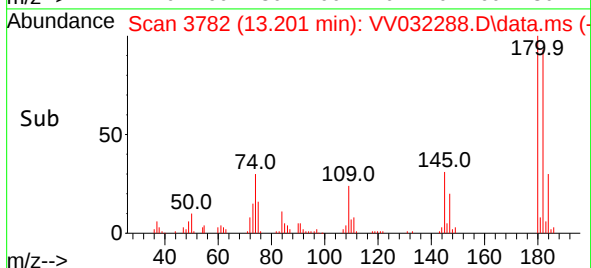
Tgt Ion:180 Resp: 40133
Ion Ratio Lower Upper
180 100
182 93.4 74.6 112.0
184 29.6 24.1 36.1
145 29.1 23.5 35.3

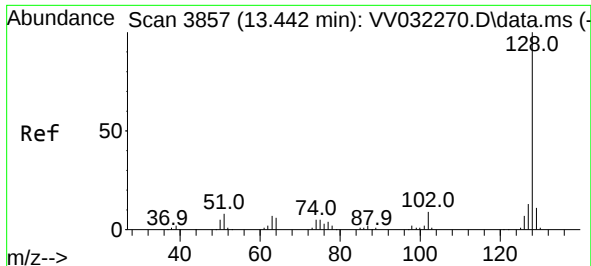


#70
1,2,4-trichlorobenzene
Concen: 4.417 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08



Tgt Ion:180 Resp: 35590
Ion Ratio Lower Upper
180 100
182 92.2 76.5 114.7
145 30.5 24.3 36.5

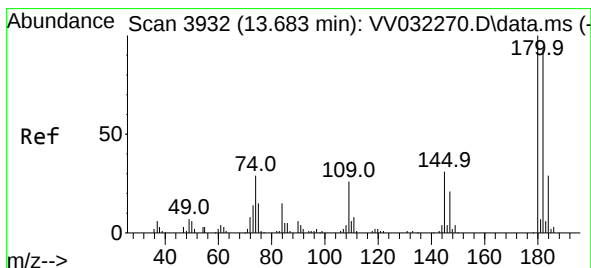
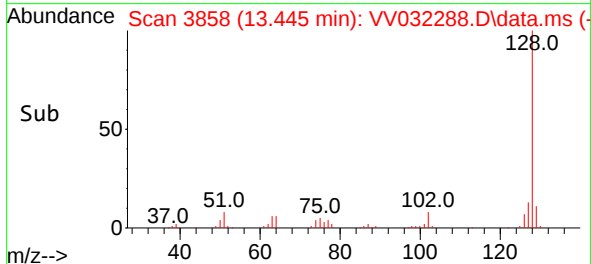
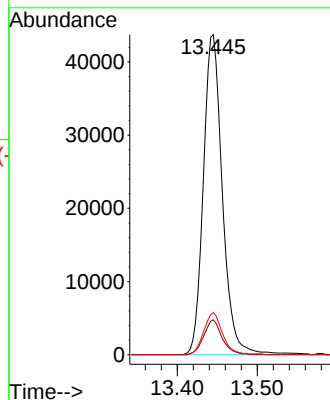
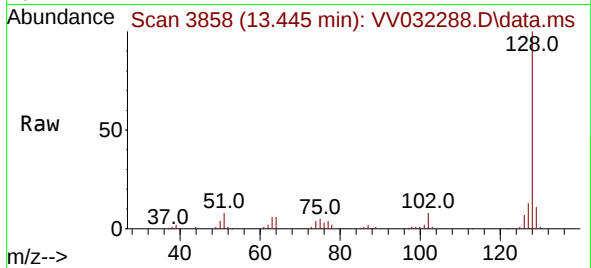




#71
Naphthalene
Concen: 5.286 ug/L
RT: 13.445 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Instrument :
MSVOA_V
ClientSampleId :
EX874MSD

Tgt Ion:128 Resp: 72349
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.4
127 13.0 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.798 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.000 min
Lab File: VV032288.D
Acq: 06 Oct 2023 07:08

Tgt Ion:180 Resp: 33312
Ion Ratio Lower Upper
180 100
182 92.8 77.0 115.4
145 33.8 25.7 38.5

