

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100221\
 Data File : VW022542.D
 Acq On : 03 Oct 2021 04:22
 Operator : SY/MD
 Sample : M3974-05MEMSD
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Y9MEMSD

Manual Integrations
 APPROVED

Quant Time: Oct 04 04:32:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 04:27:20 2021
 Response via : Initial Calibration

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 10/6/2021 2:30:22 PM

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	328644	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	310904	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.256	152	162595	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	73650	36.236	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.480%
7) Chloroethane-d5	1.565	69	50007m	31.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	62.600%#
11) 1,1-Dichloroethene-d2	2.092	63	141239	35.242	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.480%
21) 2-Butanone-d5	3.934	46	105148m	93.983	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.980%
24) Chloroform-d	4.349	84	157647	42.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.900%
26) 1,2-Dichloroethane-d4	5.034	65	94154	43.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.420%
32) Benzene-d6	5.047	84	314547	43.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.340%
36) 1,2-Dichloropropane-d6	6.069	67	95511	43.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.160%
41) Toluene-d8	7.317	98	293252	44.386	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.780%
43) trans-1,3-Dichloroprop...	7.625	79	46326	44.159	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.320%
47) 2-Hexanone-d5	8.111	63	84459	91.950	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.950%
56) 1,1,2,2-Tetrachloroeth...	10.223	84	130746	42.405	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	11.628	152	117834	44.440	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	149083m	45.359	ug/L	
3) Chloromethane	1.237	50	141418	43.269	ug/L	100
5) Vinyl chloride	1.307	62	138599	44.738	ug/L	99
6) Bromomethane	1.520	94	72415	33.478	ug/L	99
8) Chloroethane	1.581	64	66153m	35.012	ug/L	
9) Trichlorofluoromethane	1.741	101	168544	39.610	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	80761	33.529	ug/L	97
12) 1,1-Dichloroethene	2.098	96	82889	36.106	ug/L	94
13) Acetone	2.188	43	92097m	65.165	ug/L	
14) Carbon disulfide	2.275	76	264569	38.151	ug/L	99
15) Methyl Acetate	2.436	43	125915	48.839	ug/L	97
16) Methylene chloride	2.497	84	127966	44.366	ug/L	97
17) trans-1,2-Dichloroethene	2.748	96	118370	46.971	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	382918	49.216	ug/L	98
19) 1,1-Dichloroethane	3.182	63	204379	45.835	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	125853	46.877	ug/L	97
22) 2-Butanone	3.999	43	143591	77.163	ug/L #	57
23) Bromochloromethane	4.246	128	67965	46.079	ug/L	93
25) Chloroform	4.375	83	209639	46.721	ug/L	99

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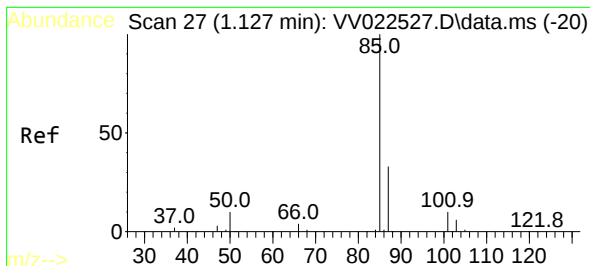
Manual Integrations
 APPROVED

Quant Time: Oct 04 04:32:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 04:27:20 2021
 Response via : Initial Calibration

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	152859	47.046	ug/L	98
29) Cyclohexane	4.671	56	181191	49.999	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	186747	48.084	ug/L	99
31) Carbon tetrachloride	4.822	117	162475	47.620	ug/L	98
33) Benzene	5.095	78	456338	47.537	ug/L	100
34) Trichloroethene	5.912	95	222083	88.604	ug/L	99
35) Methylcyclohexane	6.127	83	183294	48.228	ug/L	98
37) 1,2-Dichloropropane	6.175	63	114193	46.461	ug/L	100
38) Bromodichloromethane	6.513	83	148124	46.396	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	175139	47.381	ug/L	99
40) 4-Methyl-2-pentanone	7.236	43	328821	95.214	ug/L	96
42) Toluene	7.387	91	487479	48.207	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	164071	46.102	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	118102	46.419	ug/L	98
46) Tetrachloroethene	7.976	164	97902	46.657	ug/L	98
48) 2-Hexanone	8.156	43	243151	92.056	ug/L #	94
49) Dibromochloromethane	8.249	129	130536	47.411	ug/L	99
50) 1,2-Dibromoethane	8.355	107	127728	46.628	ug/L	97
51) Chlorobenzene	8.886	112	321120	47.742	ug/L	99
52) Ethylbenzene	9.014	91	524266	49.814	ug/L	100
53) m,p-Xylene	9.140	106	206069	49.420	ug/L	100
54) o-Xylene	9.548	106	203223	50.024	ug/L	99
55) Styrene	9.567	104	347640	49.865	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.249	83	176743	44.946	ug/L	98
59) Bromoform	9.738	173	94885	47.195	ug/L	99
60) Isopropylbenzene	9.934	105	533197	51.542	ug/L	100
61) 1,2,3-Trichloropropane	10.281	75	142028	45.931	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	459486	52.753	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	456410	52.710	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	255857	48.750	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	254131	46.624	ug/L	98
67) 1,2-Dichlorobenzene	11.648	146	256898	47.897	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	38233	45.128	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	185724	47.626	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	166997	47.622	ug/L	98
71) Naphthalene	13.503	128	565677	48.989	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	170544	47.054	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



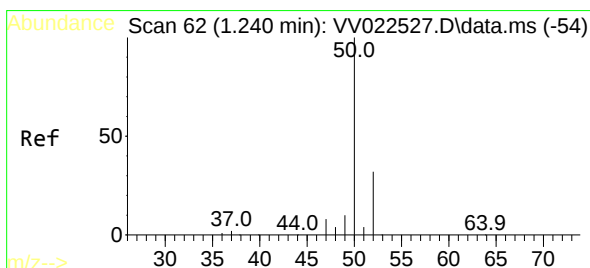
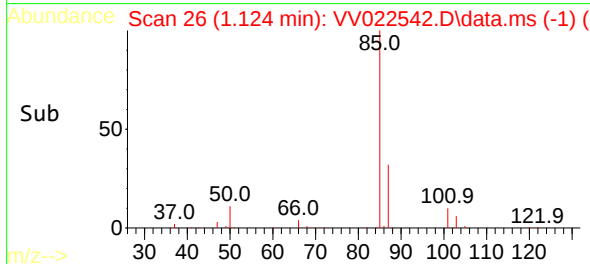
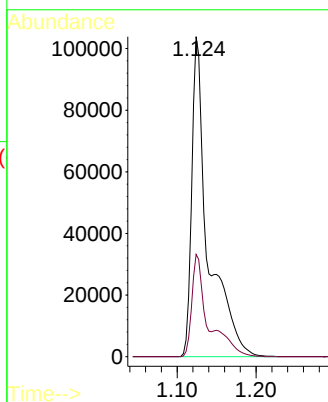
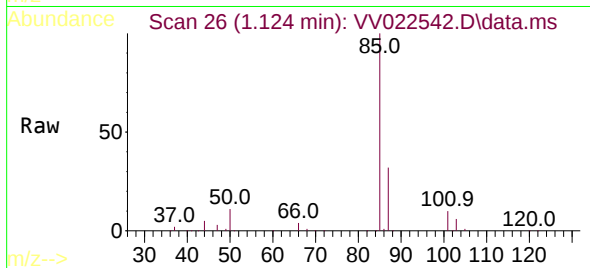
#2
Dichlorodifluoromethane
Concen: 45.359 ug/L m
RT: 1.124 min Scan# 26
Delta R.T. -0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 85 Resp: 149083
Ion Ratio Lower Upper
85 100
87 23.1 25.8 38.6#

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

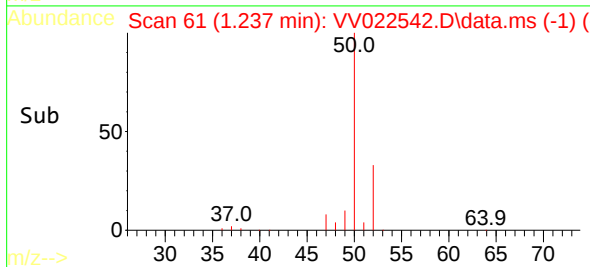
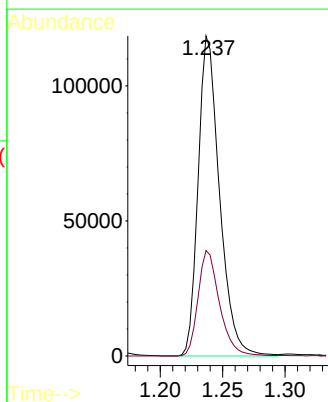
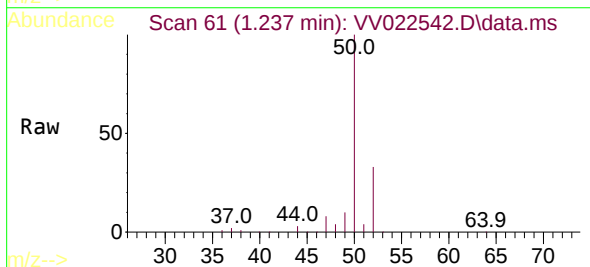
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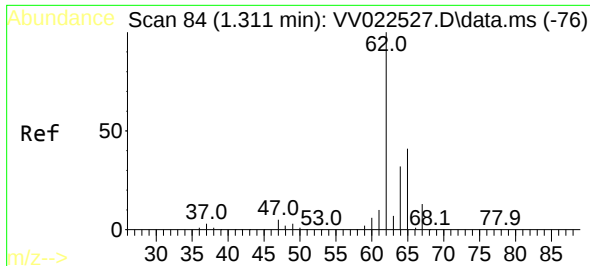
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#3
Chloromethane
Concen: 43.269 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 50 Resp: 141418
Ion Ratio Lower Upper
50 100
52 33.0 23.0 42.8





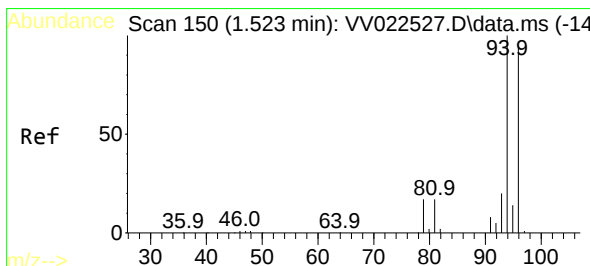
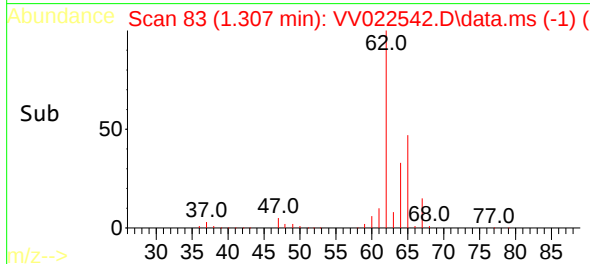
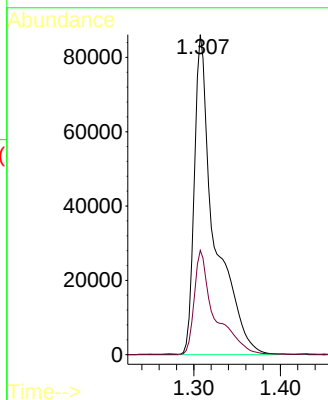
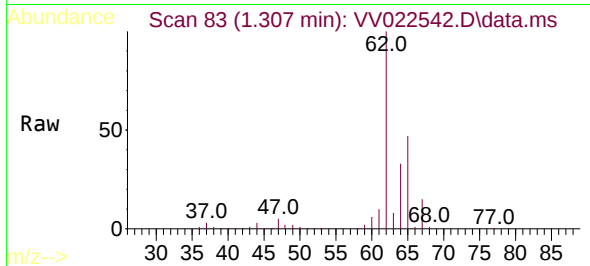
#5
 Vinyl chloride
 Concen: 44.738 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022542.D
 Acq: 03 Oct 2021 04:22

Tgt Ion: 62 Resp: 138599
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.5 41.9

Instrument :
 MSVOA_V
 ClientSampled :
 EW8Y9MEMSD

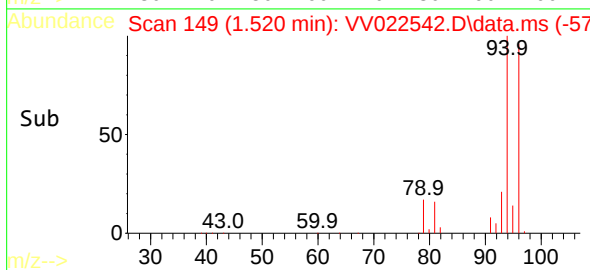
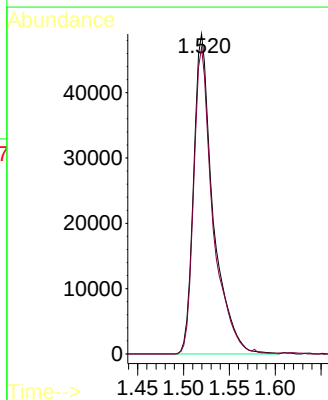
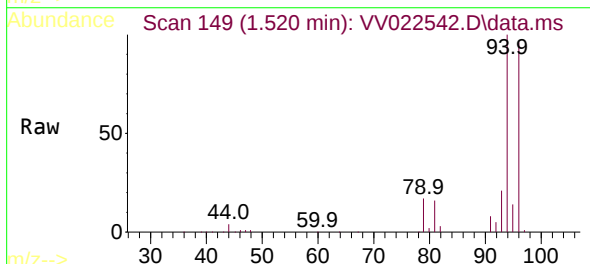
Manual Integrations
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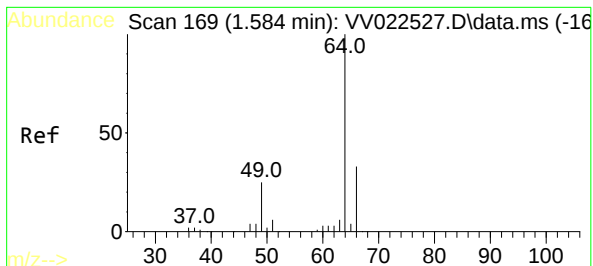
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#6
 Bromomethane
 Concen: 33.478 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV022542.D
 Acq: 03 Oct 2021 04:22

Tgt Ion: 94 Resp: 72415
 Ion Ratio Lower Upper
 94 100
 96 95.8 66.4 123.2





#8

Chloroethane

Concen: 35.012 ug/L m

RT: 1.581 min Scan# 168

Delta R.T. -0.003 min

Lab File: VV022542.D

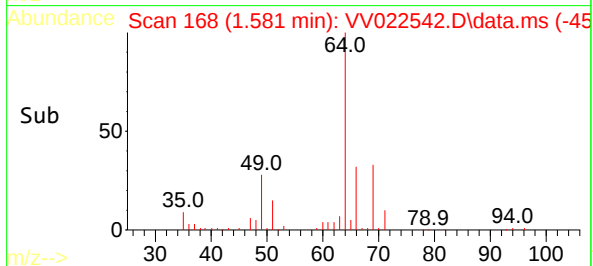
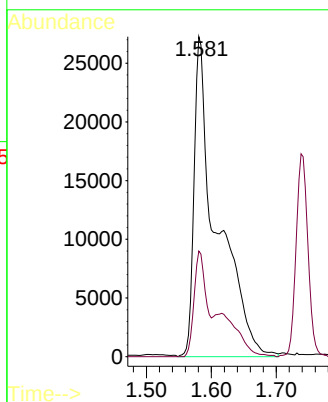
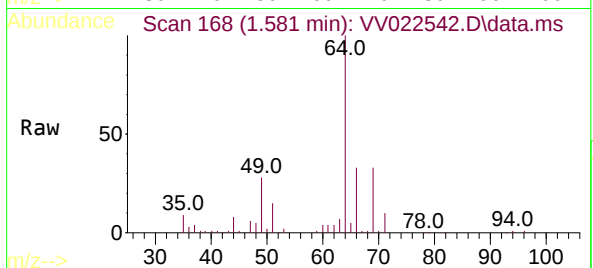
Acq: 03 Oct 2021 04:22

Tgt Ion: 64 Resp: 66153

Ion Ratio Lower Upper

64 100

66 33.0 22.7 42.3



Instrument :

MSVOA_V

ClientSampleId :

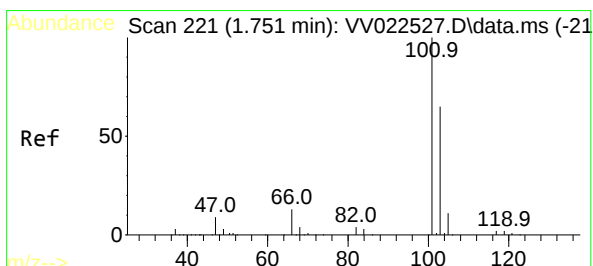
EW8Y9MEMSD

Manual Integrations

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#9

Trichlorofluoromethane

Concen: 39.610 ug/L

RT: 1.741 min Scan# 218

Delta R.T. -0.010 min

Lab File: VV022542.D

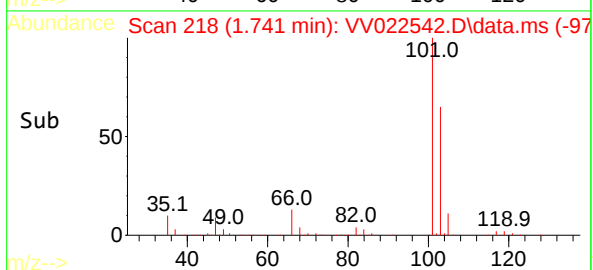
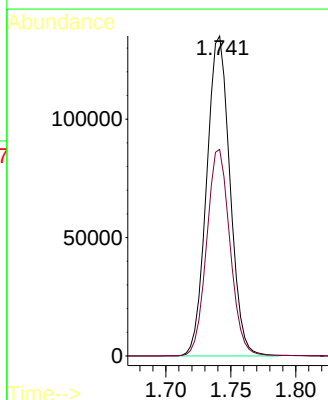
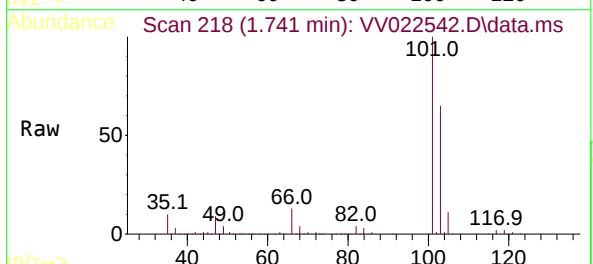
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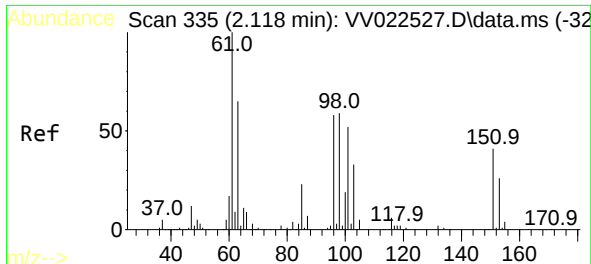
Tgt Ion:101 Resp: 168544

Ion Ratio Lower Upper

101 100

103 64.7 51.7 77.5





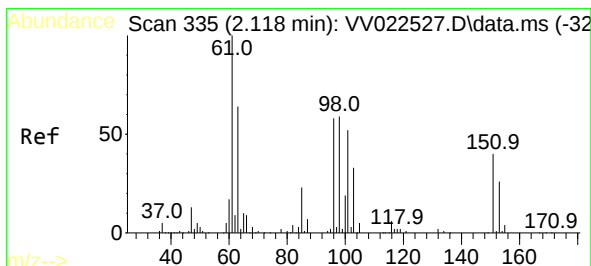
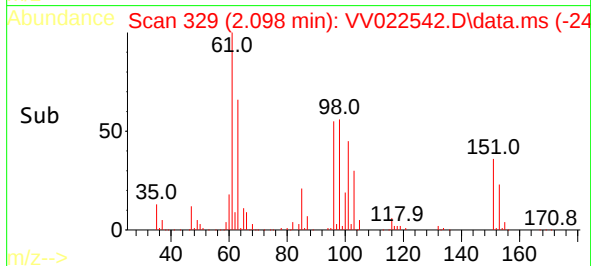
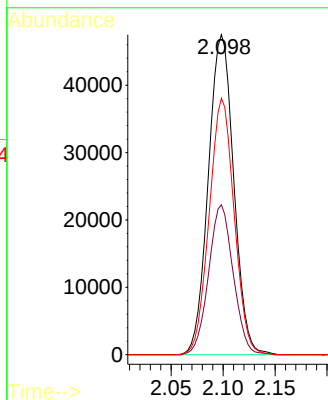
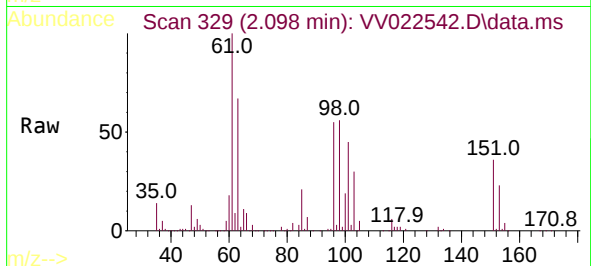
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 33.529 ug/L
 RT: 2.098 min Scan# 329
 Delta R.T. -0.019 min
 Lab File: VV022542.D
 Acq: 03 Oct 2021 04:22

Tgt Ion:101 Resp: 80761
 Ion Ratio Lower Upper
 101 100
 85 45.3 34.7 52.1
 151 78.7 61.3 91.9

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Y9MEMSD

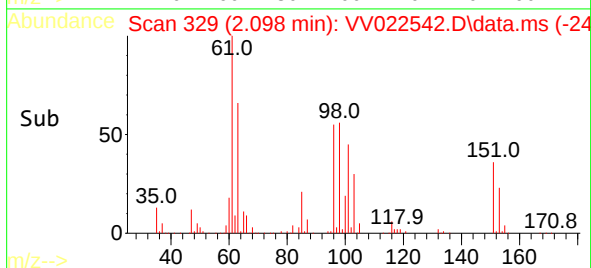
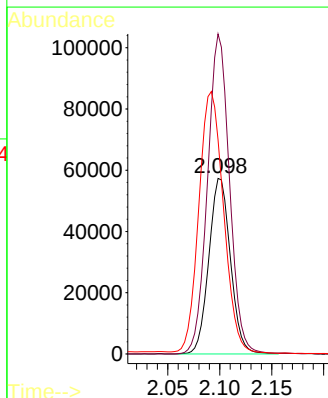
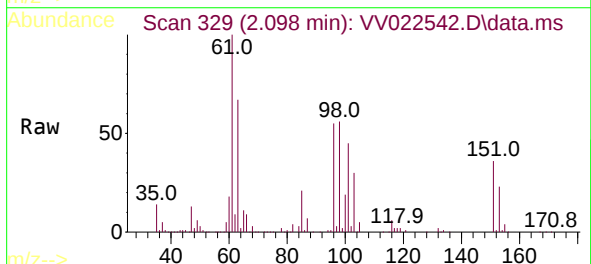
Manual Integrations
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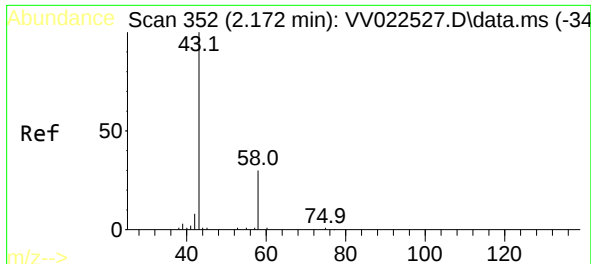
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#12
 1,1-Dichloroethene
 Concen: 36.106 ug/L
 RT: 2.098 min Scan# 329
 Delta R.T. -0.019 min
 Lab File: VV022542.D
 Acq: 03 Oct 2021 04:22

Tgt Ion: 96 Resp: 82889
 Ion Ratio Lower Upper
 96 100
 61 182.2 118.0 219.2
 63 122.0 86.4 160.4





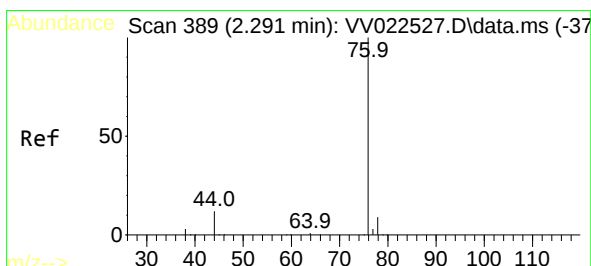
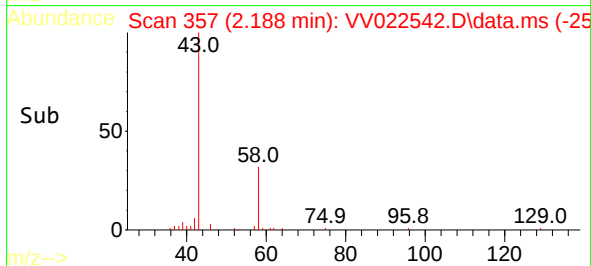
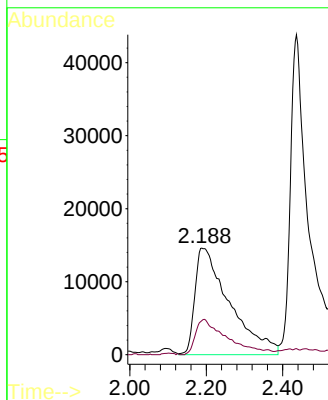
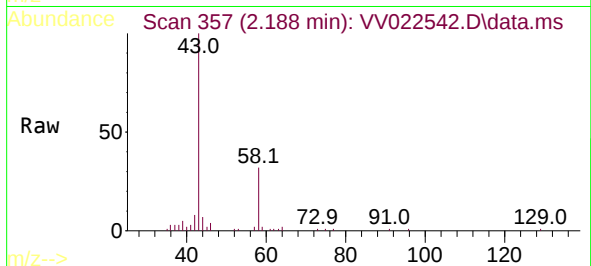
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Acetone
Concen: 65.165 ug/L m
RT: 2.188 min Scan# 357
Delta R.T. 0.016 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 43 Resp: 92097
Ion Ratio Lower Upper
43 100
58 0.0 0.0 21.2

Instrument :
MSVOA_V
ClientSampled :
EW8Y9MEMSD

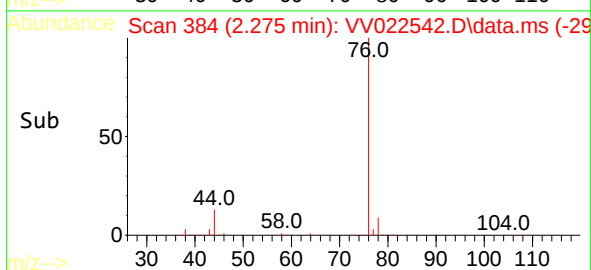
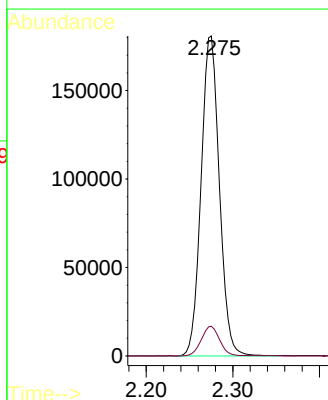
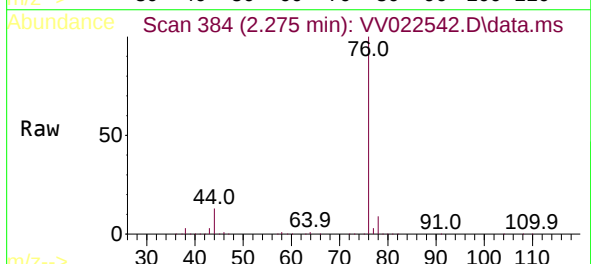
Manual Integrations
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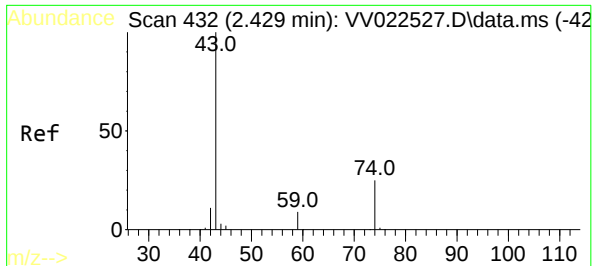
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#14
Carbon disulfide
Concen: 38.151 ug/L
RT: 2.275 min Scan# 384
Delta R.T. -0.016 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 76 Resp: 264569
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4





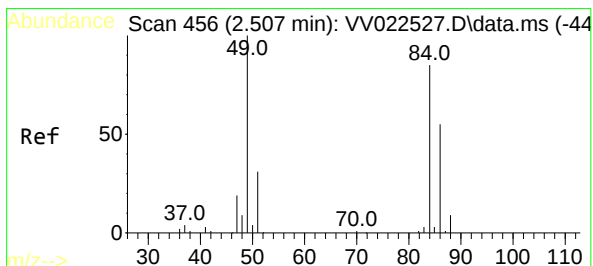
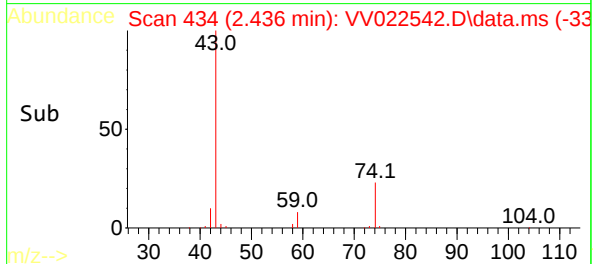
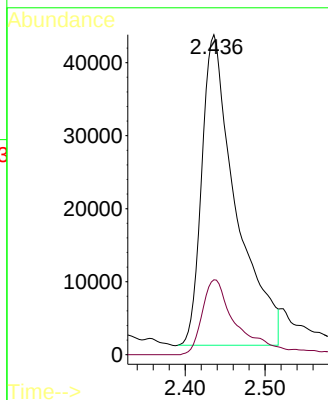
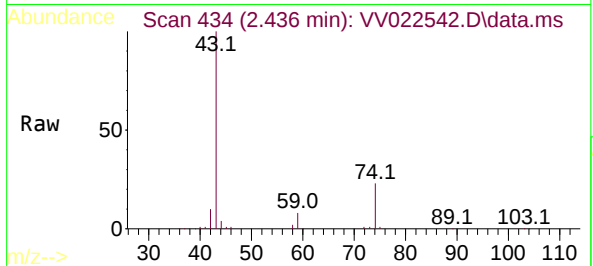
#15
Methyl Acetate
Concen: 48.839 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.006 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 43 Resp: 125915
Ion Ratio Lower Upper
43 100
74 24.2 20.6 30.8

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

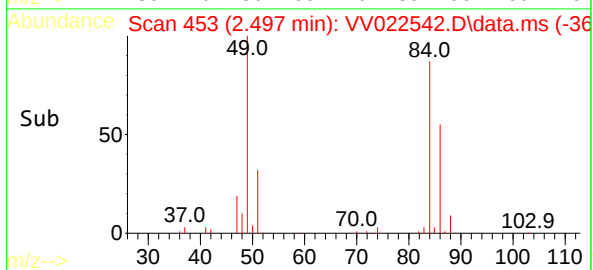
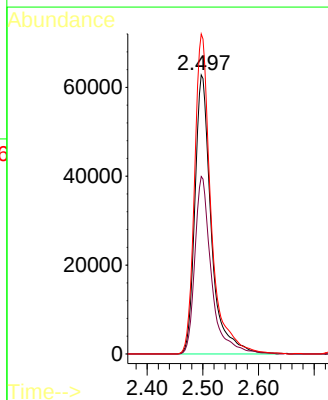
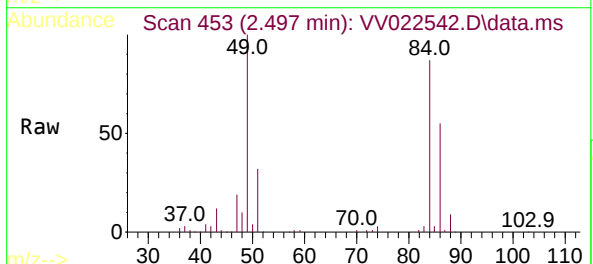
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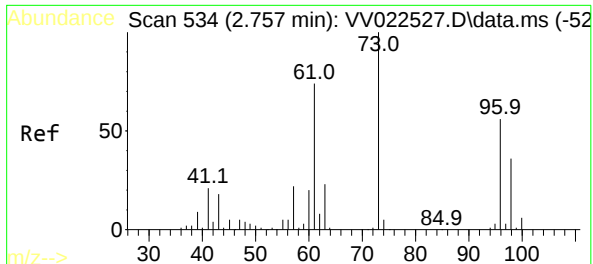
MMMadoda
10/6/2021 2:30:22 PM



#16
Methylene chloride
Concen: 44.366 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.010 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 84 Resp: 127966
Ion Ratio Lower Upper
84 100
86 63.6 45.6 84.6
49 114.7 82.7 153.7





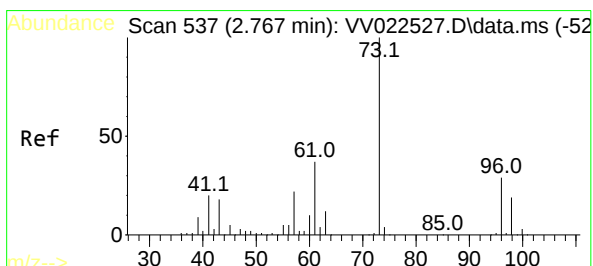
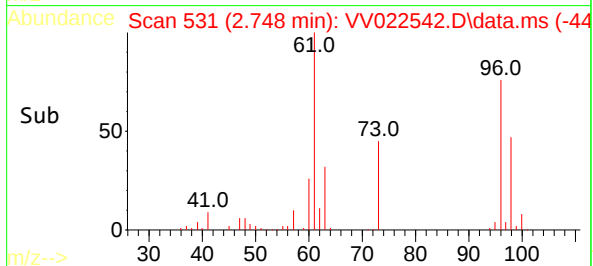
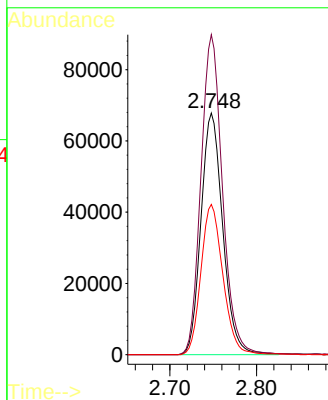
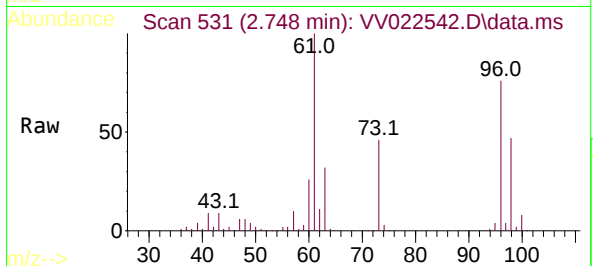
#17
trans-1,2-Dichloroethene
Concen: 46.971 ug/L
RT: 2.748 min Scan# 531
Delta R.T. -0.010 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 96 Resp: 118370
Ion Ratio Lower Upper
96 100
61 132.4 90.8 168.6
98 62.2 44.0 81.8

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

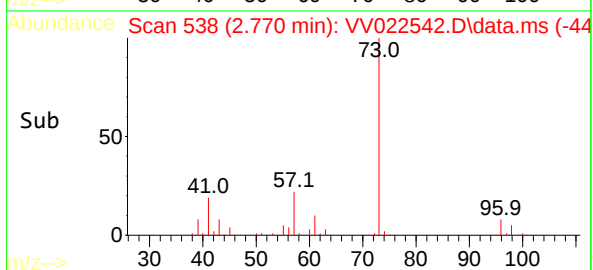
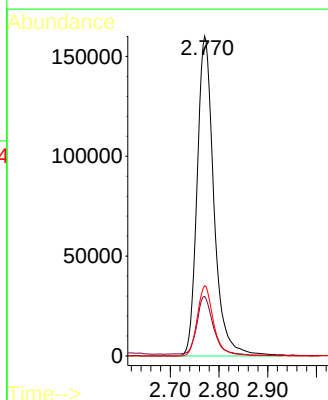
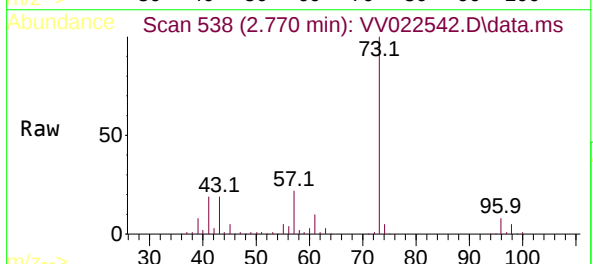
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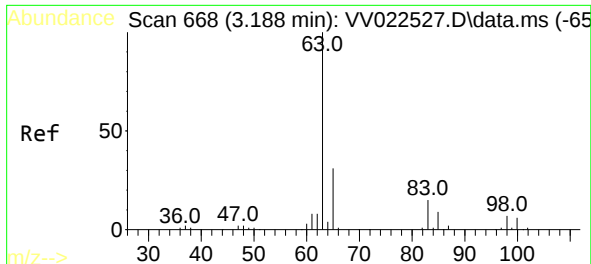
MMMadoda
10/6/2021 2:30:22 PM



#18
Methyl tert-butyl Ether
Concen: 49.216 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 73 Resp: 382918
Ion Ratio Lower Upper
73 100
43 17.9 15.1 22.7
57 21.2 17.6 26.4





#19

1,1-Dichloroethane

Concen: 45.835 ug/L

RT: 3.182 min Scan# 666

Delta R.T. -0.006 min

Lab File: VV022542.D

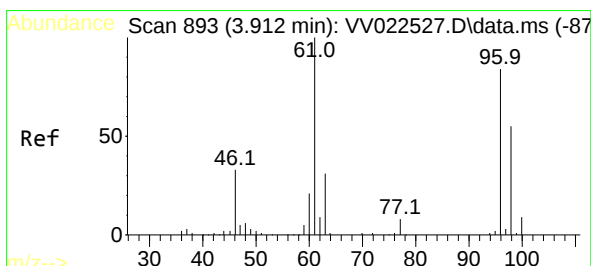
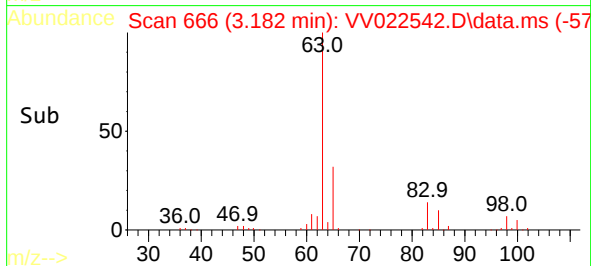
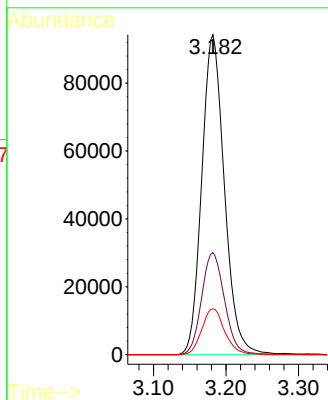
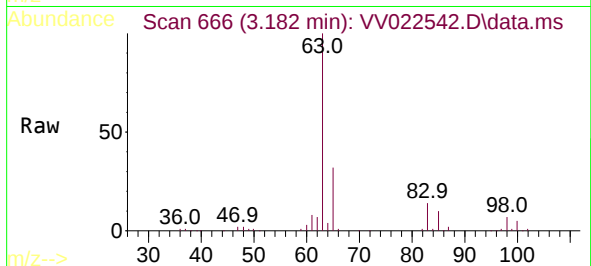
Acq: 03 Oct 2021 04:22

Tgt Ion:	63	Resp:	204379
Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.9	42.5
83	14.3	9.4	17.4

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

Manual Integrations
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#20

cis-1,2-Dichloroethene

Concen: 46.877 ug/L

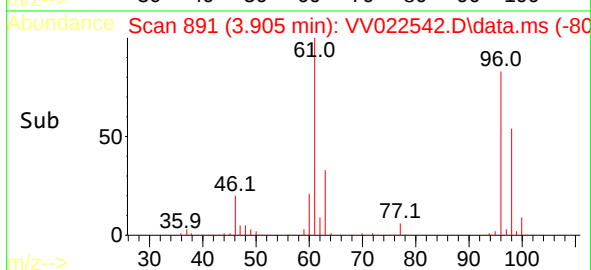
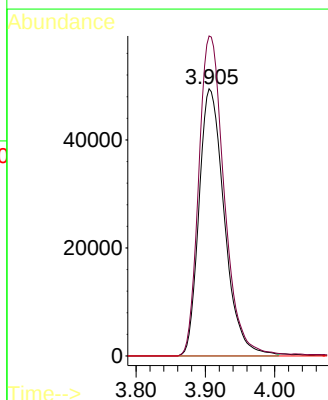
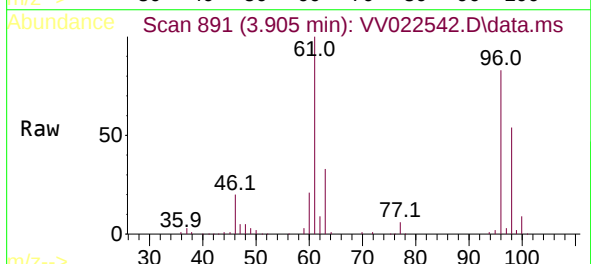
RT: 3.905 min Scan# 891

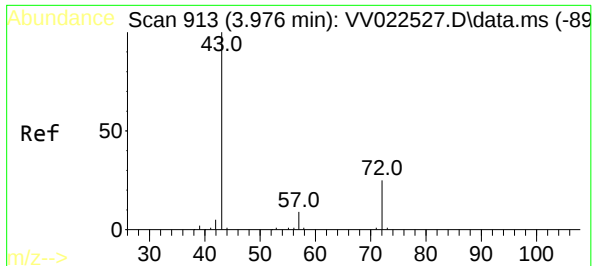
Delta R.T. -0.006 min

Lab File: VV022542.D

Acq: 03 Oct 2021 04:22

Tgt Ion:	96	Resp:	125853
Ion	Ratio	Lower	Upper
96	100		
61	119.8	81.9	152.1
68	0.0	0.0	0.0





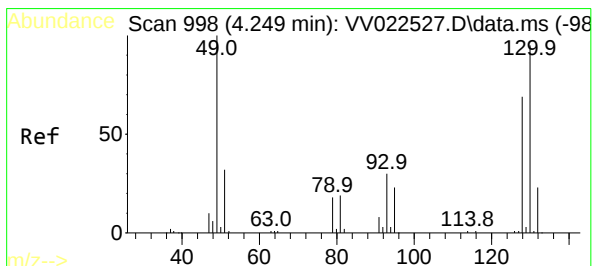
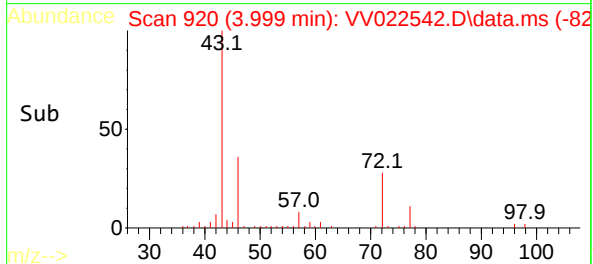
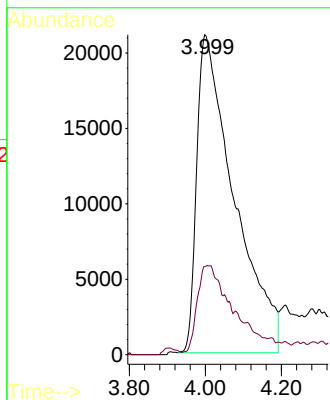
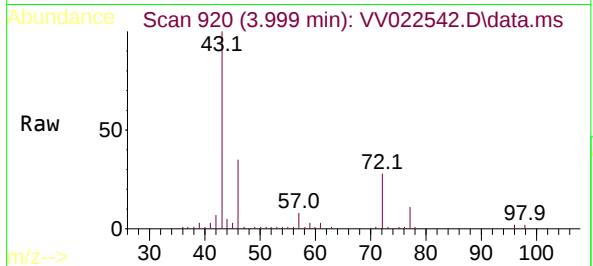
#22
2-Butanone
Concen: 77.163 ug/L
RT: 3.999 min Scan# 920
Delta R.T. 0.023 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 43 Resp: 143591
Ion Ratio Lower Upper
43 100
72 0.0 10.0 29.8#

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

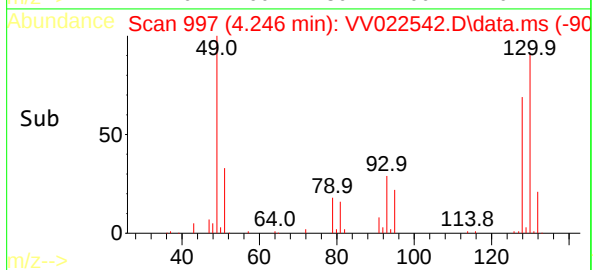
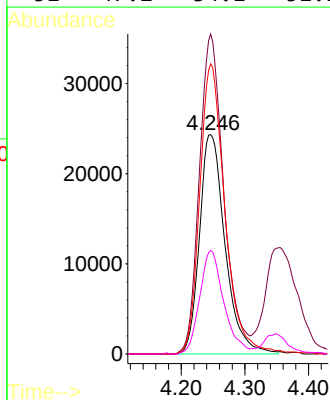
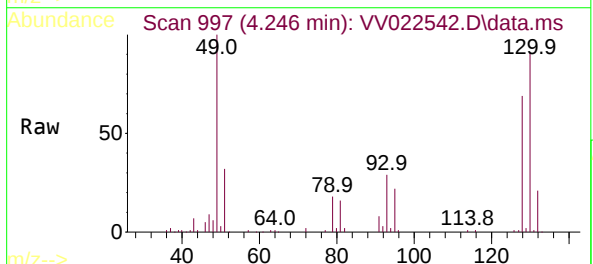
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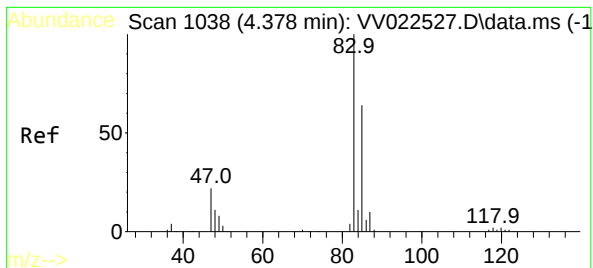
MMDadoda
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#23
Bromochloromethane
Concen: 46.079 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion:128 Resp: 67965
Ion Ratio Lower Upper
128 100
49 145.8 97.2 180.4
130 132.2 86.3 160.3
51 47.2 34.1 51.1





#25

Chloroform

Concen: 46.721 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV022542.D

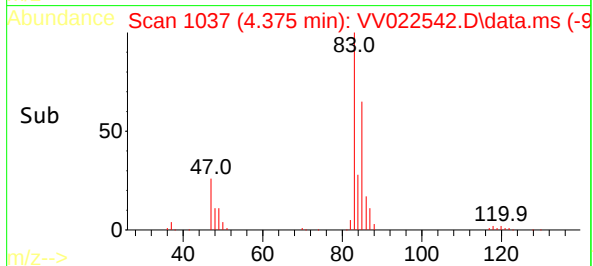
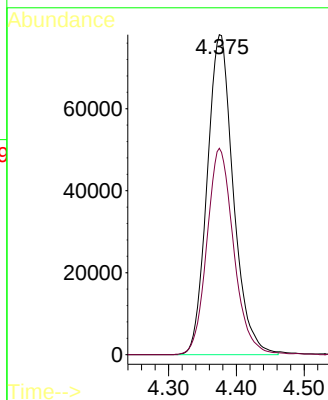
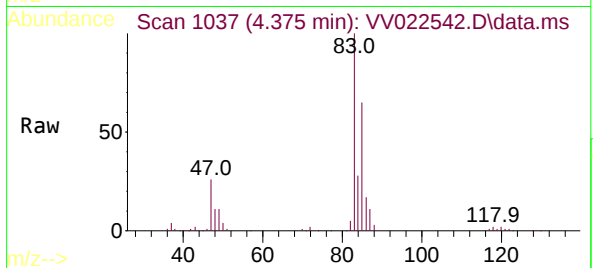
Acq: 03 Oct 2021 04:22

Tgt Ion: 83 Resp: 209639

Ion Ratio Lower Upper

83 100

85 64.5 45.8 85.0



Instrument :

MSVOA_V

ClientSampleId :

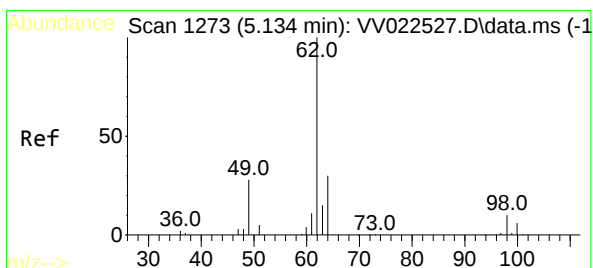
EW8Y9MEMSD

Manual Integrations

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#27

1,2-Dichloroethane

Concen: 47.046 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV022542.D

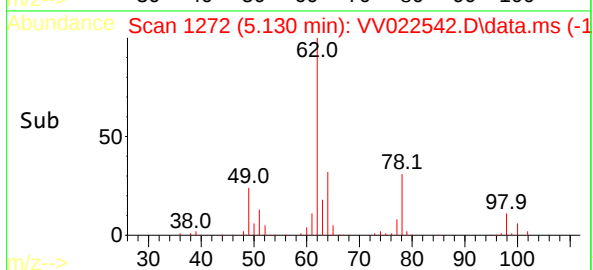
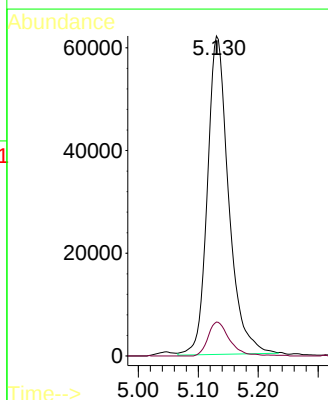
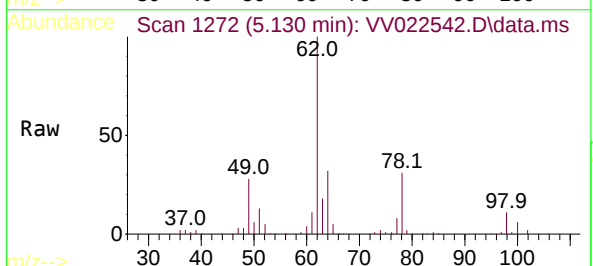
Acq: 03 Oct 2021 04:22

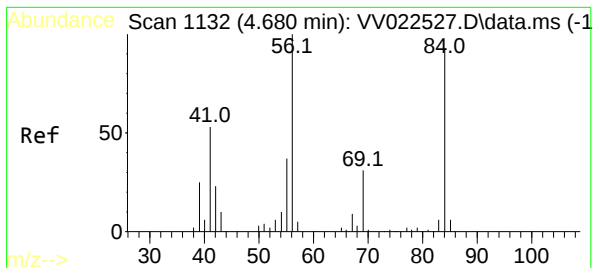
Tgt Ion: 62 Resp: 152859

Ion Ratio Lower Upper

62 100

98 10.6 9.0 13.4





#29

Cyclohexane

Concen: 49.999 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. -0.010 min

Lab File: VV022542.D

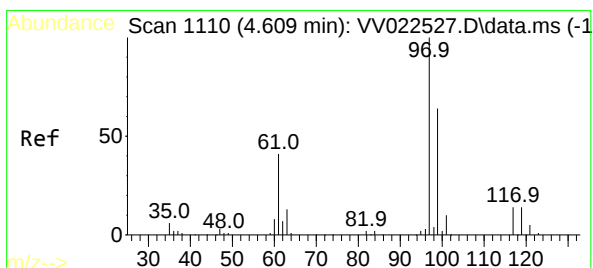
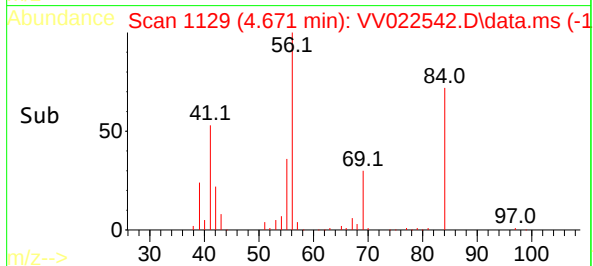
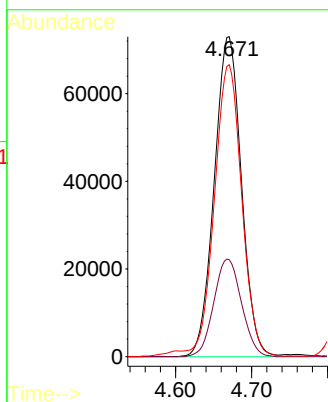
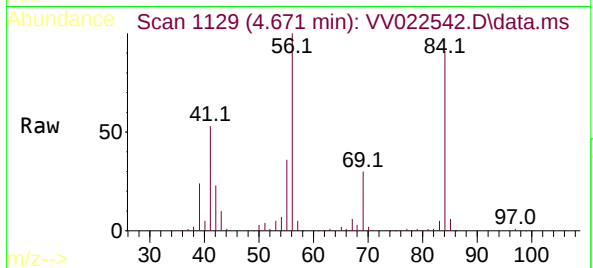
Acq: 03 Oct 2021 04:22

Tgt Ion:	56	Resp:	181191
Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.9	37.3
84	91.1	73.9	110.9

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

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#30

1,1,1-Trichloroethane

Concen: 48.084 ug/L

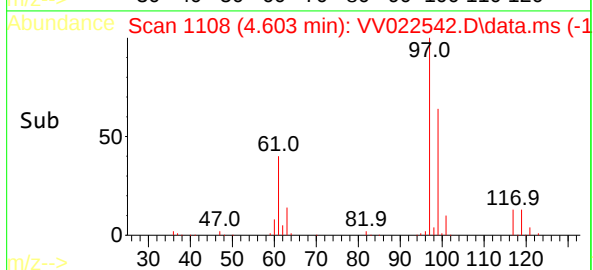
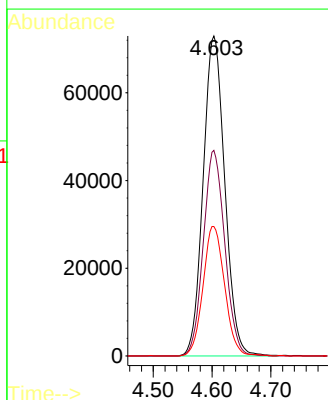
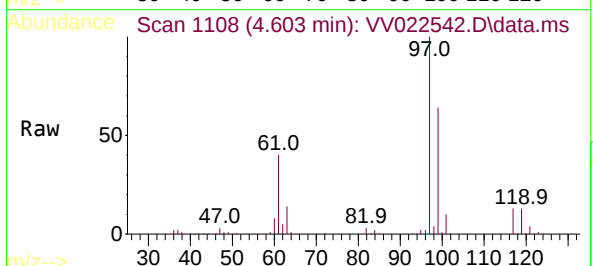
RT: 4.603 min Scan# 1108

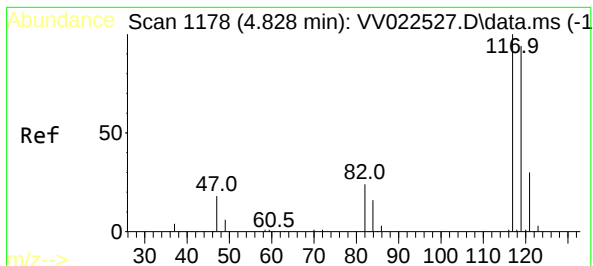
Delta R.T. -0.006 min

Lab File: VV022542.D

Acq: 03 Oct 2021 04:22

Tgt Ion:	97	Resp:	186747
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.7	77.5
61	40.2	32.9	49.3





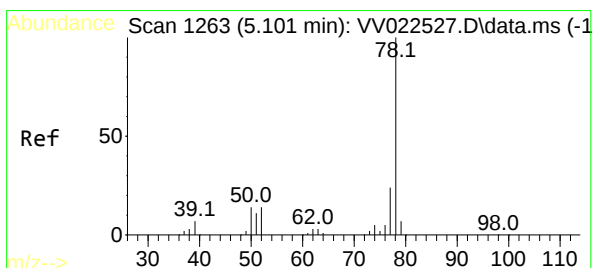
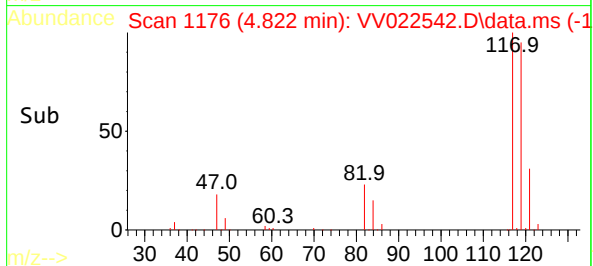
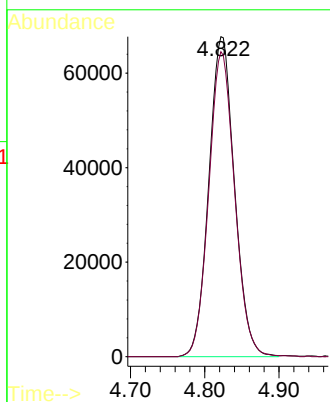
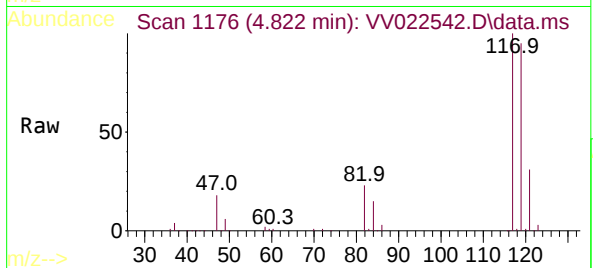
#31
Carbon tetrachloride
Concen: 47.620 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.006 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 117 Resp: 162475
Ion Ratio Lower Upper
117 100
119 96.0 78.3 117.5

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

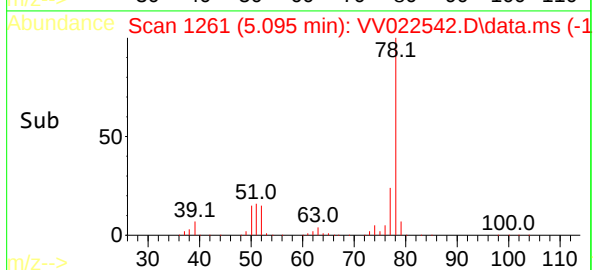
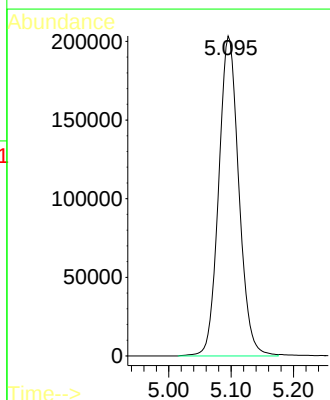
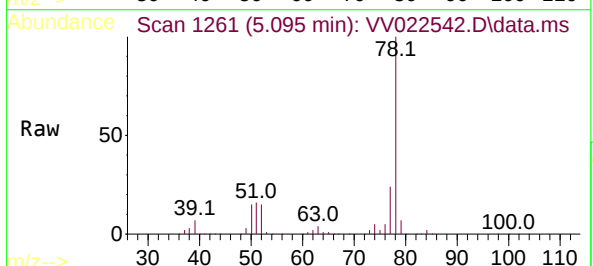
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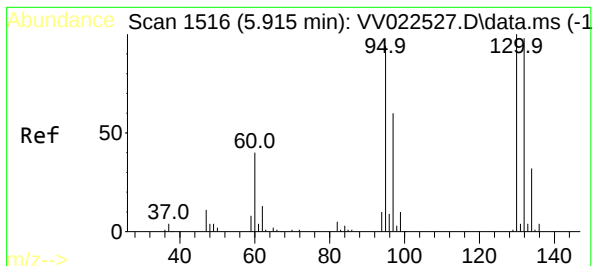
MMDadoda
10/6/2021 2:30:22 PM



#33
Benzene
Concen: 47.537 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 78 Resp: 456338





#34
Trichloroethene
Concen: 88.604 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

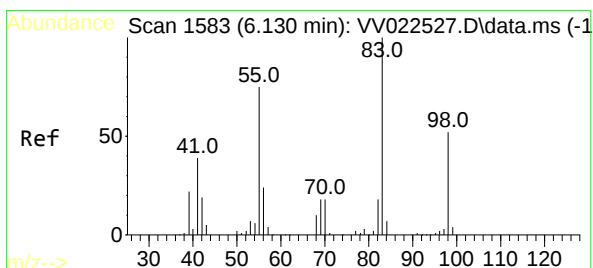
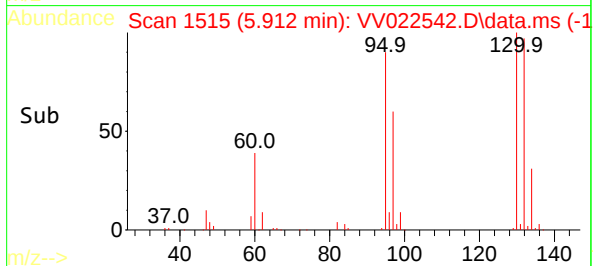
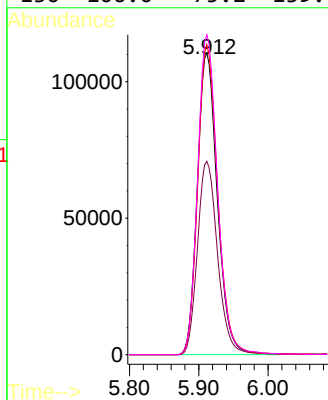
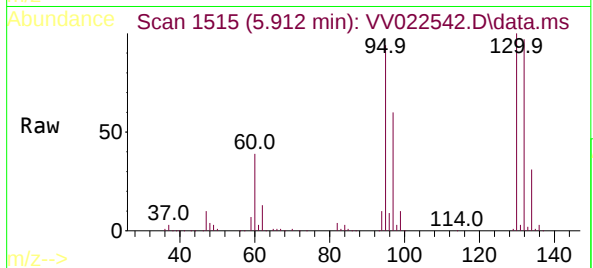
Tgt Ion: 95 Resp: 222083

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.4	84.4
132	102.8	71.5	132.9
130	106.0	75.2	139.6

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

Manual Integrations
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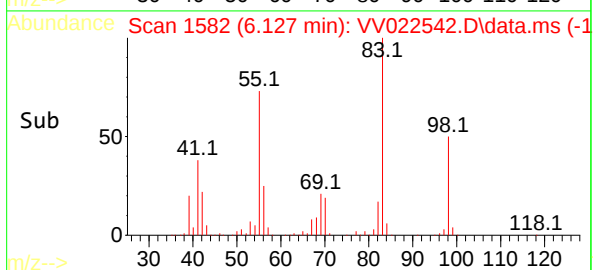
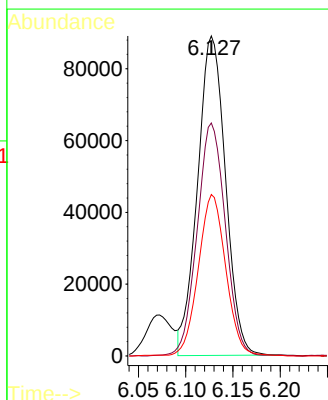
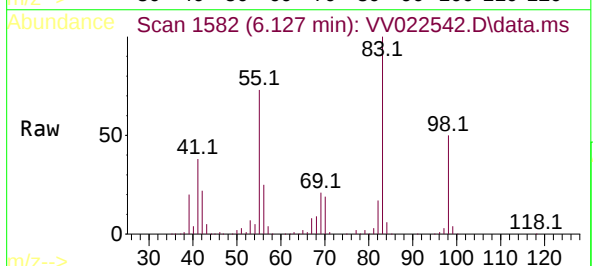
MMDadoda
10/6/2021 2:30:22 PM

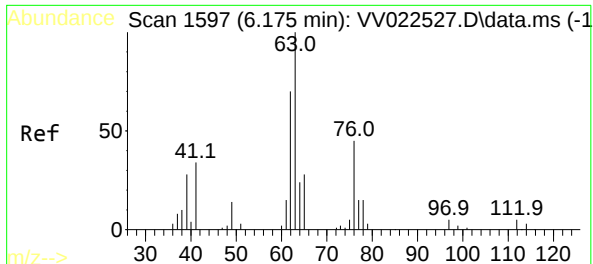


#35
Methylcyclohexane
Concen: 48.228 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 83 Resp: 183294

Ion	Ratio	Lower	Upper
83	100		
55	73.6	56.7	85.1
98	49.7	40.6	60.8





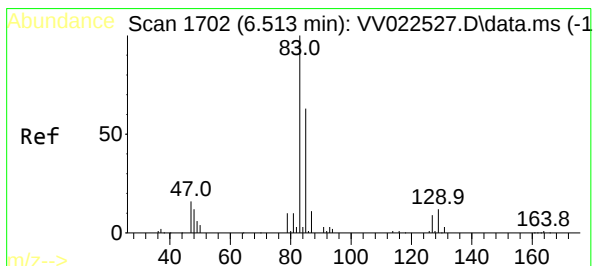
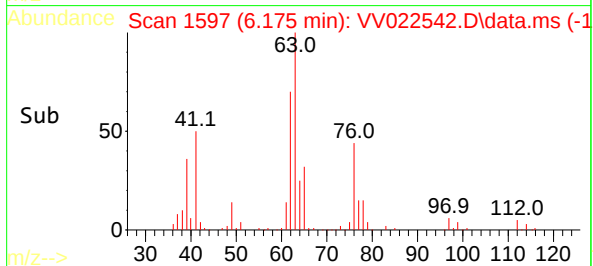
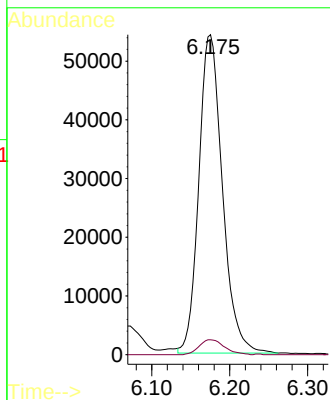
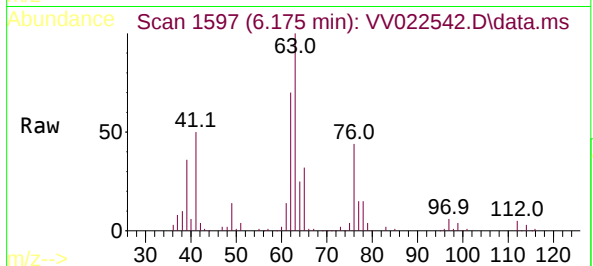
#37
1,2-Dichloropropane
Concen: 46.461 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 63 Resp: 114193
Ion Ratio Lower Upper
63 100
112 5.0 4.1 6.1

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

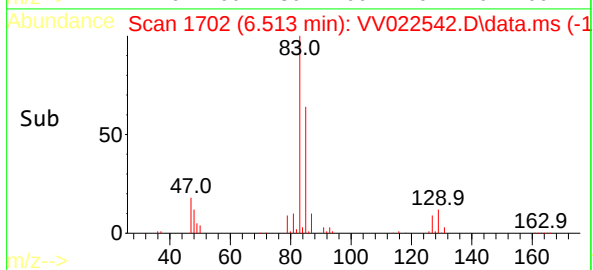
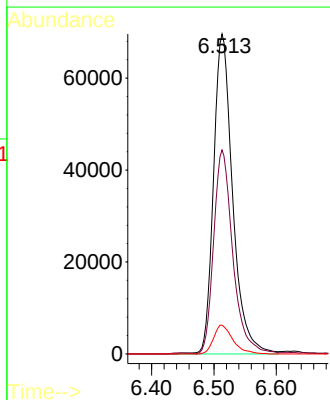
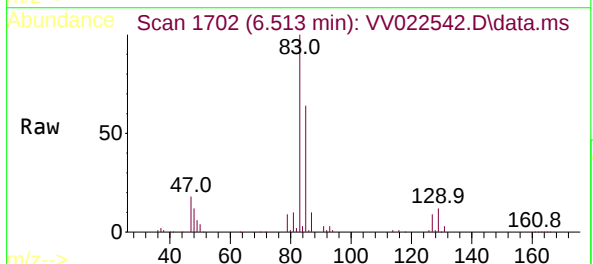
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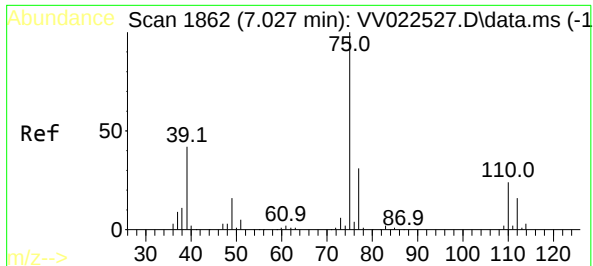
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#38
Bromodichloromethane
Concen: 46.396 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 83 Resp: 148124
Ion Ratio Lower Upper
83 100
85 63.8 46.3 86.1
127 9.0 7.5 11.3





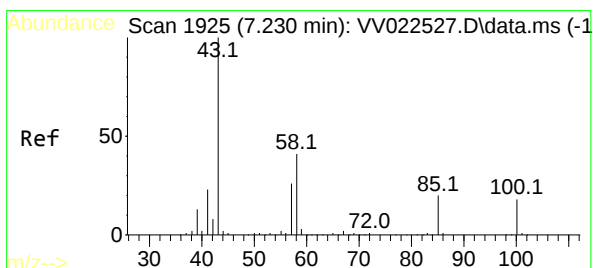
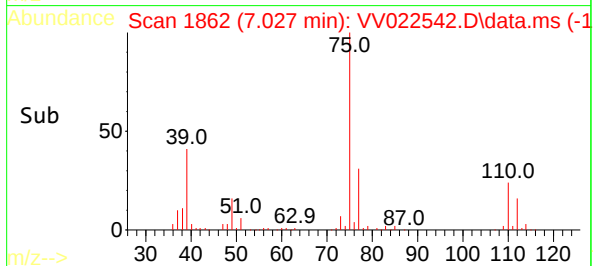
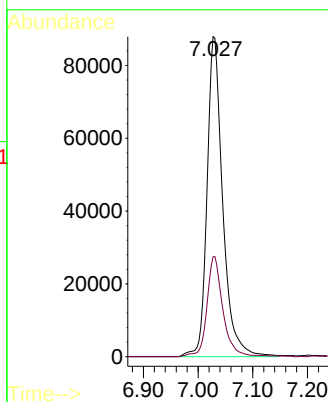
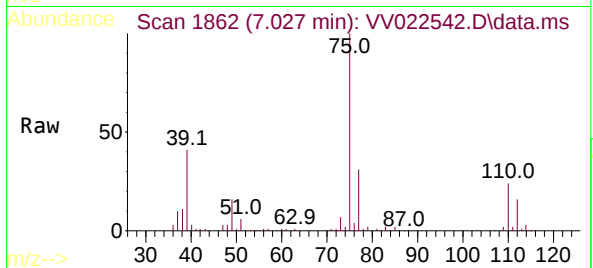
#39
 cis-1,3-Dichloropropene
 Concen: 47.381 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV022542.D
 Acq: 03 Oct 2021 04:22

Tgt Ion: 75 Resp: 175139
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.6 40.2

Instrument :
 MSVOA_V
 ClientSampled :
 EW8Y9MEMSD

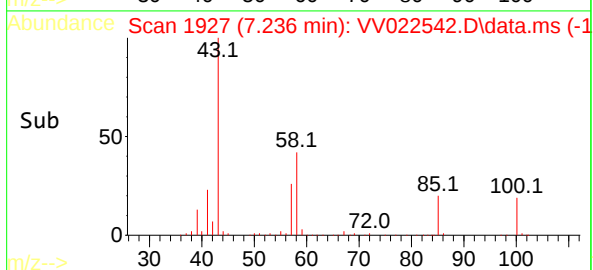
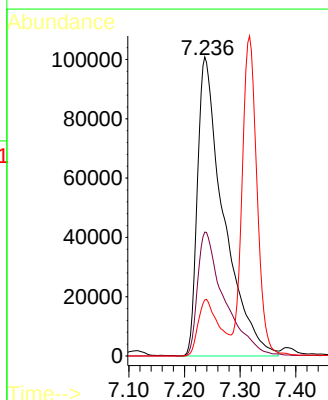
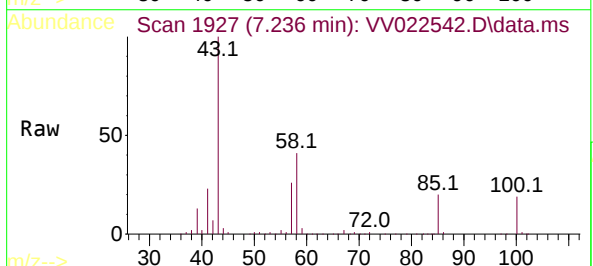
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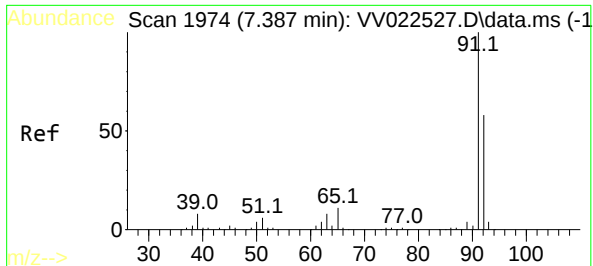
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#40
 4-Methyl-2-pentanone
 Concen: 95.214 ug/L
 RT: 7.236 min Scan# 1927
 Delta R.T. 0.006 min
 Lab File: VV022542.D
 Acq: 03 Oct 2021 04:22

Tgt Ion: 43 Resp: 328821
 Ion Ratio Lower Upper
 43 100
 58 42.3 32.5 48.7
 100 15.0 13.9 20.9





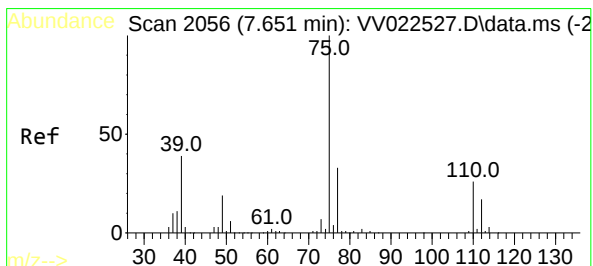
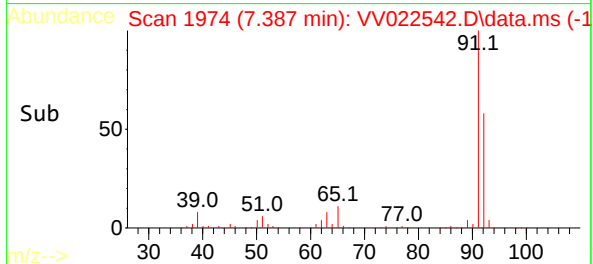
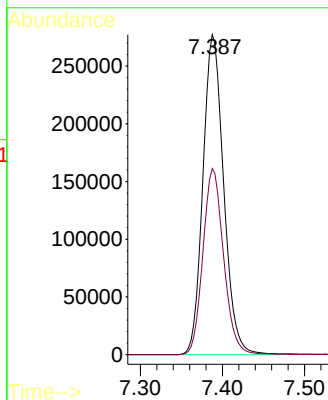
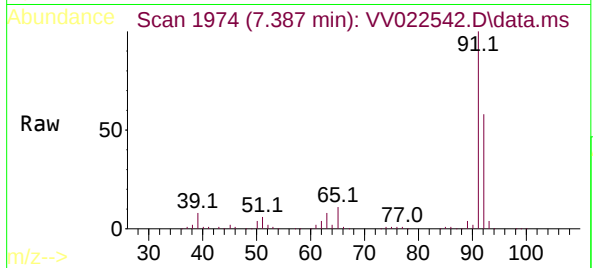
#42
Toluene
Concen: 48.207 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 91 Resp: 487479
Ion Ratio Lower Upper
91 100
92 58.2 40.6 75.4

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

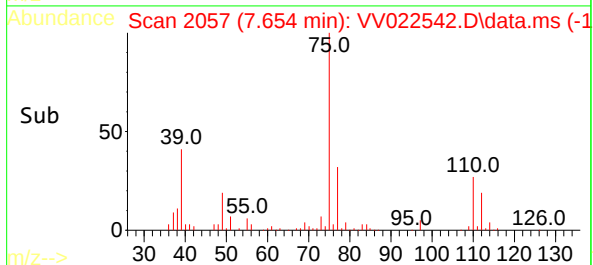
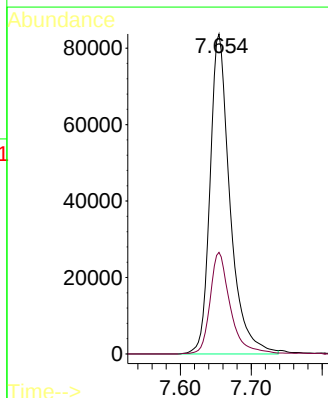
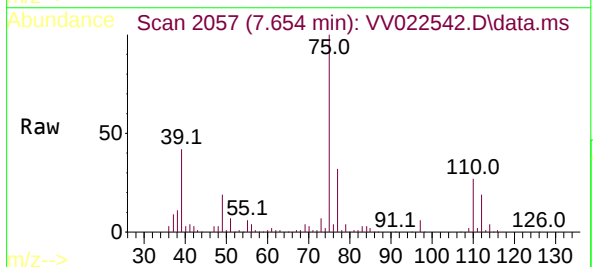
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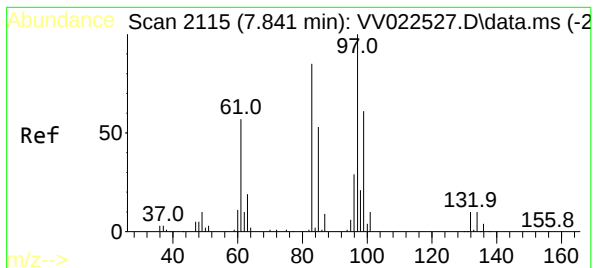
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#44
trans-1,3-Dichloropropene
Concen: 46.102 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 75 Resp: 164071
Ion Ratio Lower Upper
75 100
77 31.8 22.0 40.8





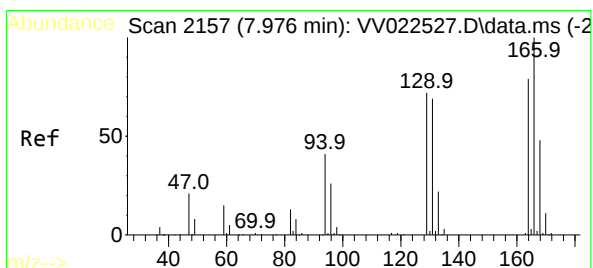
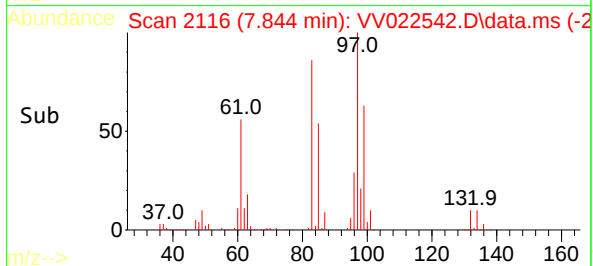
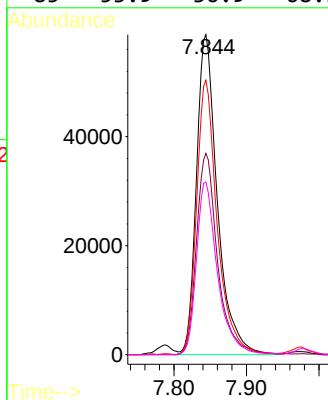
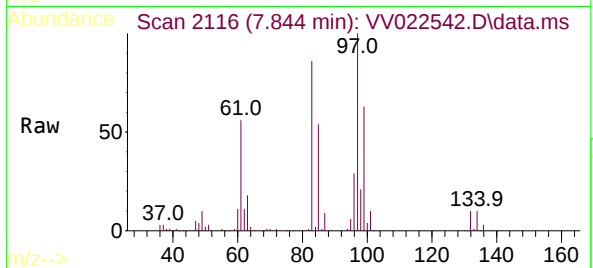
#45
1,1,2-Trichloroethane
Concen: 46.419 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion:	97	Resp:	118102
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.1	80.1
83	85.8	58.6	108.8
85	53.9	36.9	68.5

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

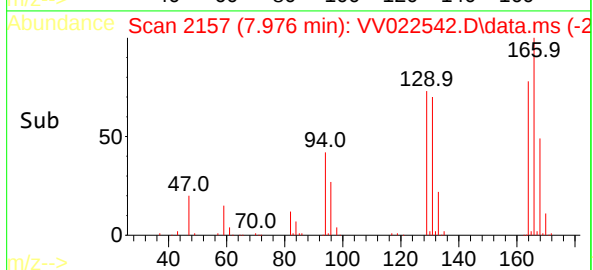
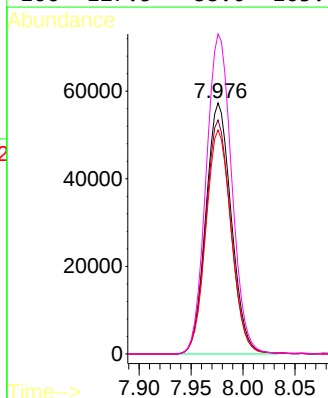
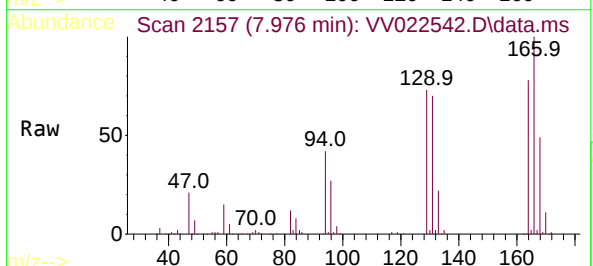
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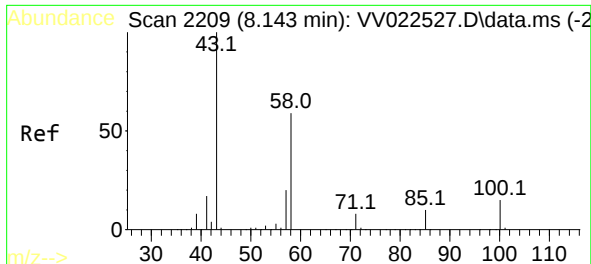
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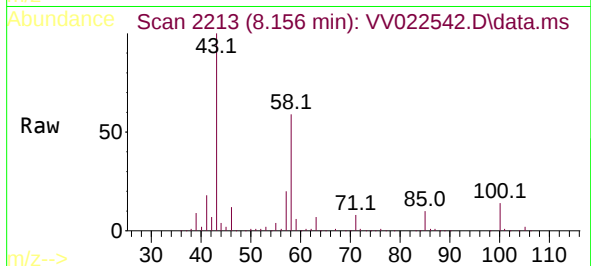
#46
Tetrachloroethene
Concen: 46.657 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion:	164	Resp:	97902
Ion	Ratio	Lower	Upper
164	100		
129	93.2	64.6	120.0
131	89.3	59.9	111.3
166	127.5	88.0	163.4

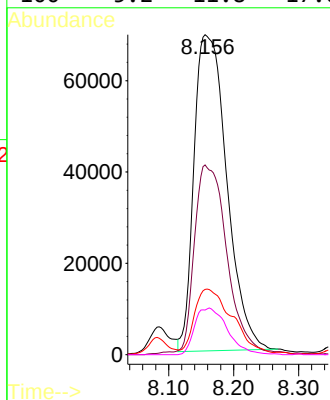
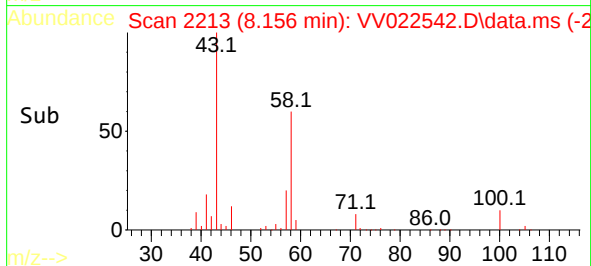




#48
2-Hexanone
Concen: 92.056 ug/L
RT: 8.156 min Scan# 2213
Delta R.T. 0.013 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22



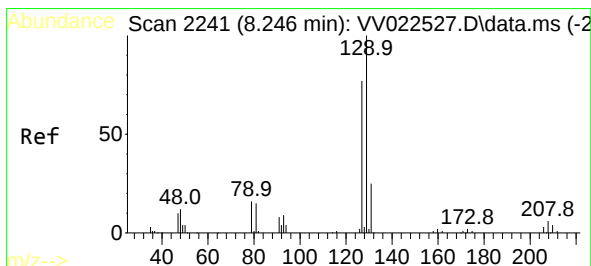
Tgt Ion: 43 Resp: 243151
Ion Ratio Lower Upper
43 100
58 58.0 47.0 70.4
57 23.0 15.8 23.6
100 5.2 11.8 17.6#



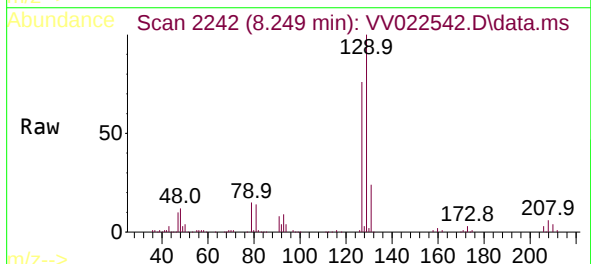
Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

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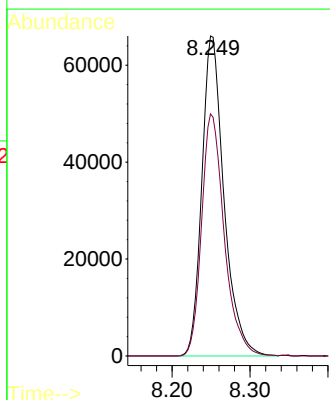
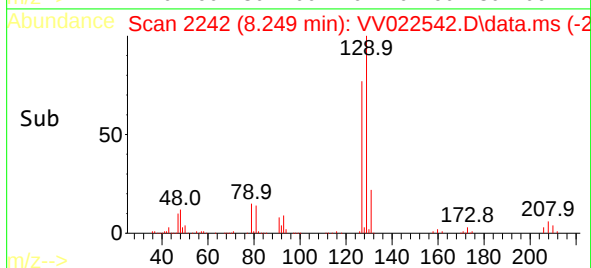
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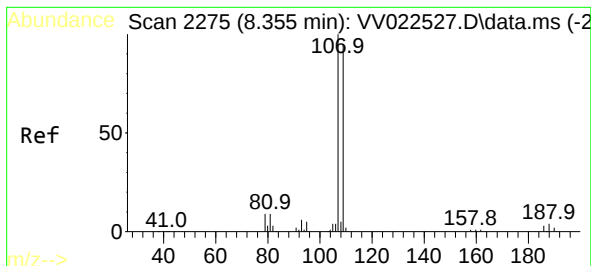


#49
Dibromochloromethane
Concen: 47.411 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

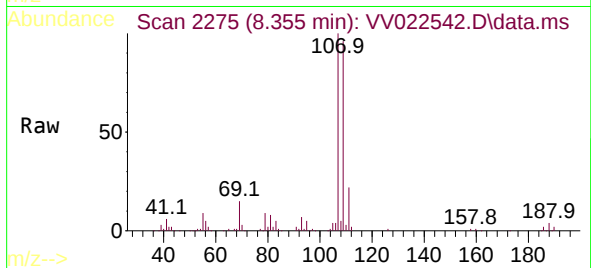


Tgt Ion: 129 Resp: 130536
Ion Ratio Lower Upper
129 100
127 75.6 53.5 99.5

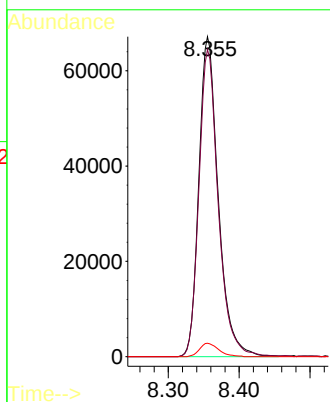
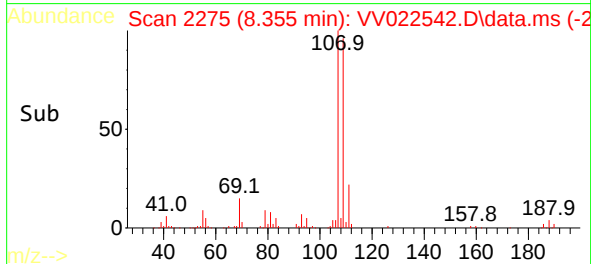




#50
1,2-Dibromoethane
Concen: 46.628 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22



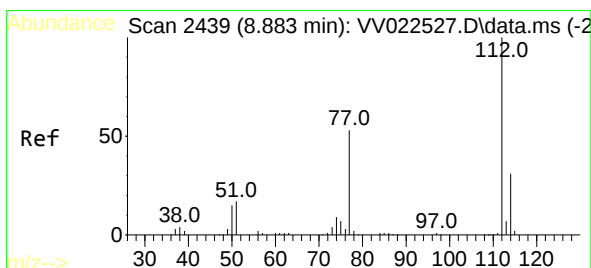
Tgt Ion:107 Resp: 127728
Ion Ratio Lower Upper
107 100
109 95.9 64.8 120.3
188 4.2 3.2 4.8



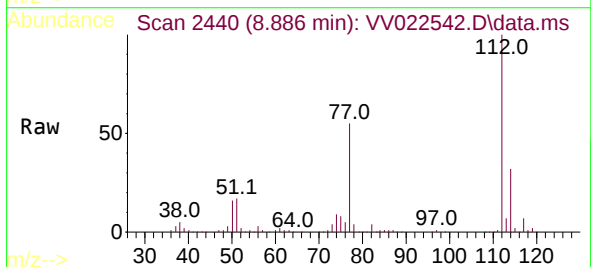
Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

Manual Integrations
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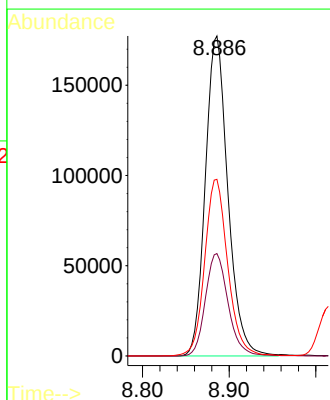
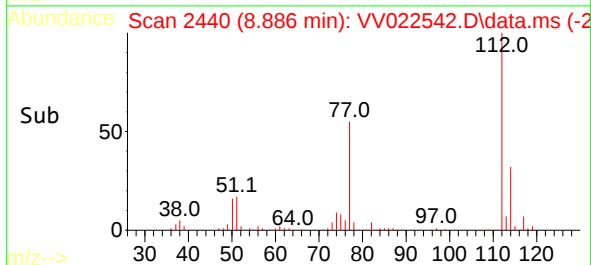
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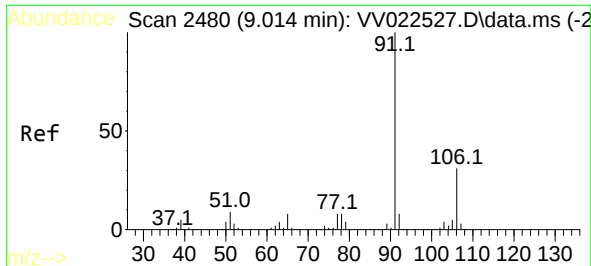


#51
Chlorobenzene
Concen: 47.742 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22



Tgt Ion:112 Resp: 321120
Ion Ratio Lower Upper
112 100
114 32.0 22.0 40.8
77 55.2 44.0 66.0





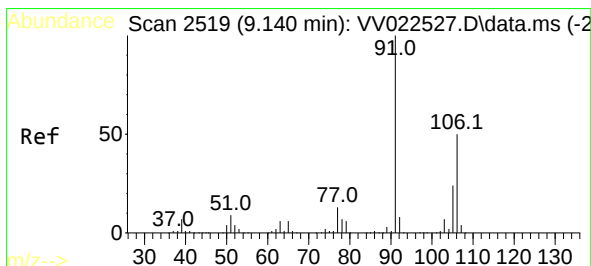
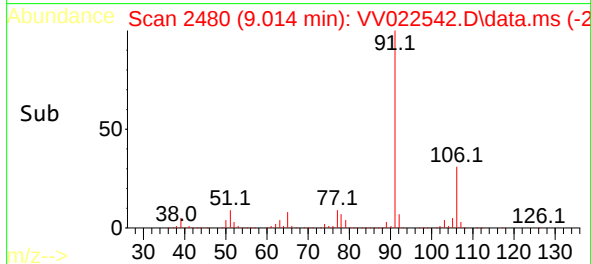
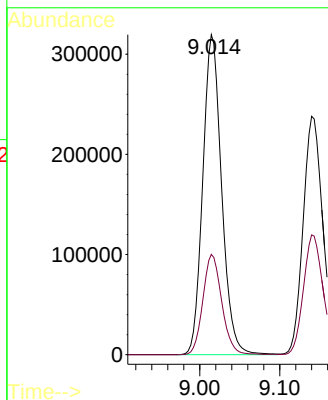
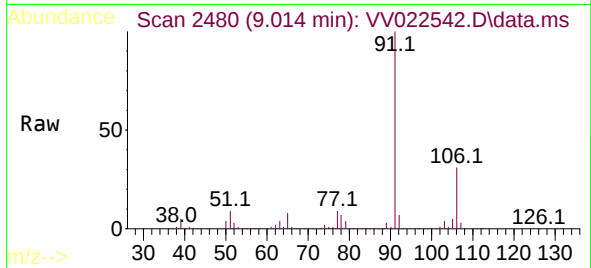
#52
Ethylbenzene
Concen: 49.814 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 91 Resp: 524266
Ion Ratio Lower Upper
91 100
106 31.3 22.0 41.0

Instrument :
MSVOA_V
ClientSampled :
EW8Y9MEMSD

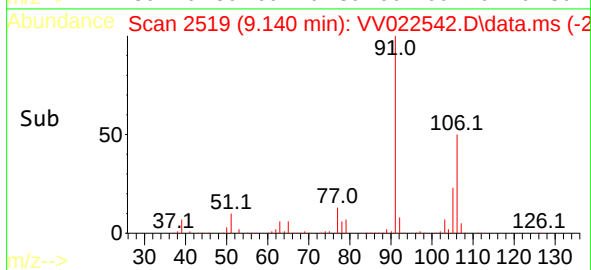
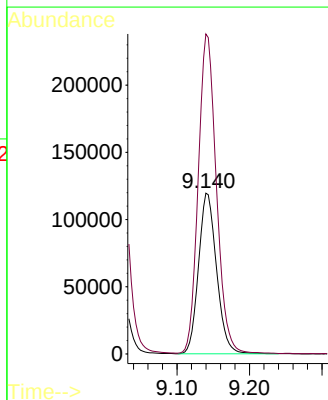
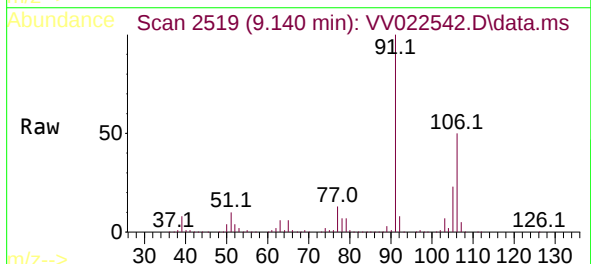
Manual Integrations
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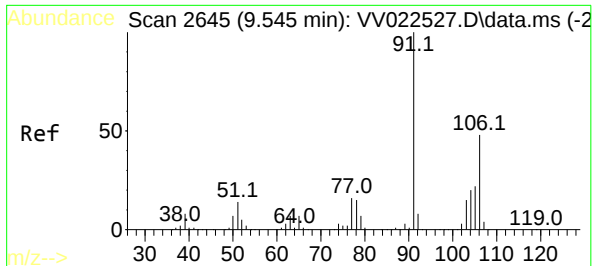
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#53
m,p-Xylene
Concen: 49.420 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

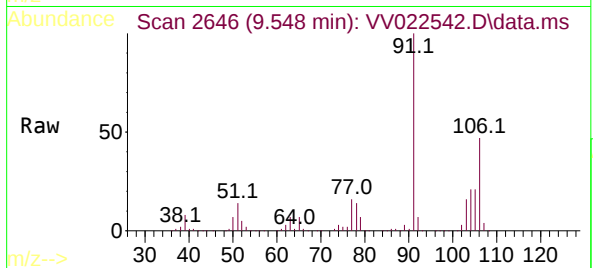
Tgt Ion: 106 Resp: 206069
Ion Ratio Lower Upper
106 100
91 199.0 139.4 258.8





#54
o-Xylene
Concen: 50.024 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

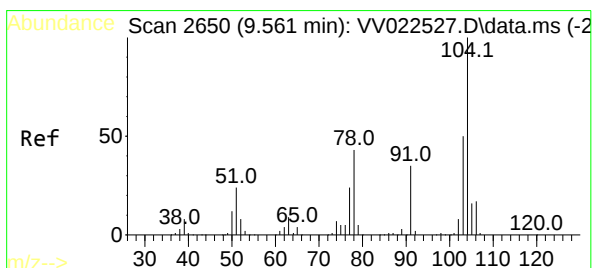
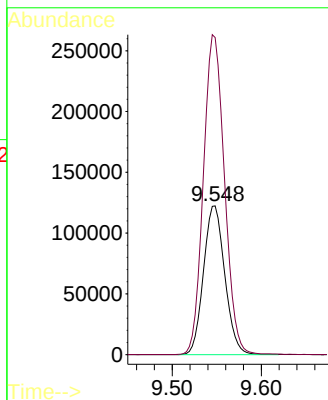
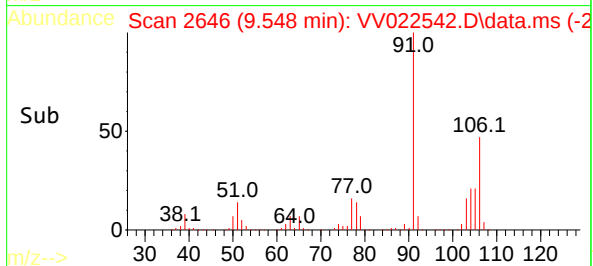
Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD



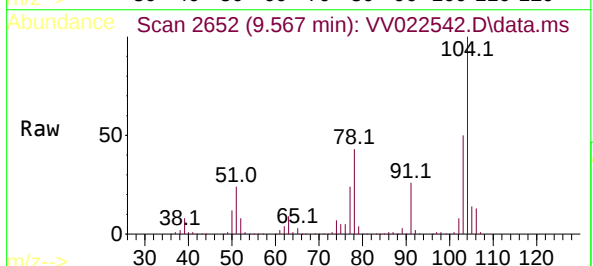
Tgt Ion:106 Resp: 203223
Ion Ratio Lower Upper
106 100
91 213.3 148.7 276.1

Manual Integrations
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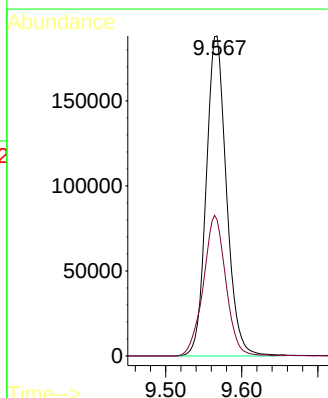
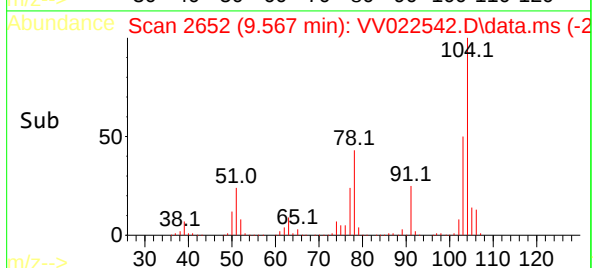
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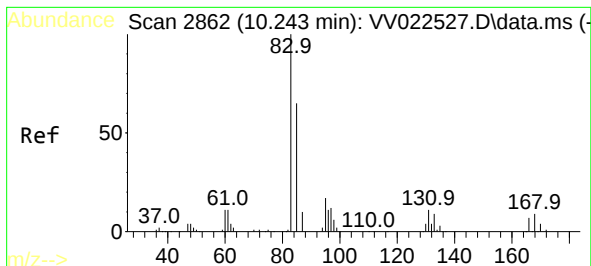


#55
Styrene
Concen: 49.865 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.006 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

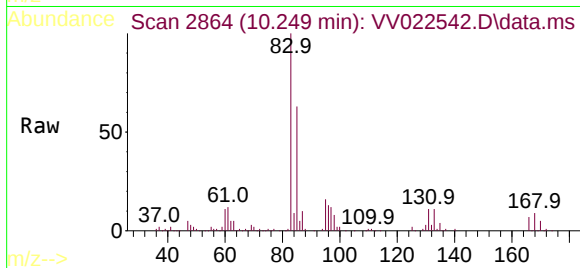


Tgt Ion:104 Resp: 347640
Ion Ratio Lower Upper
104 100
78 42.6 30.6 56.8

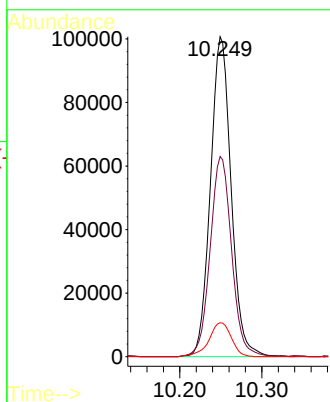
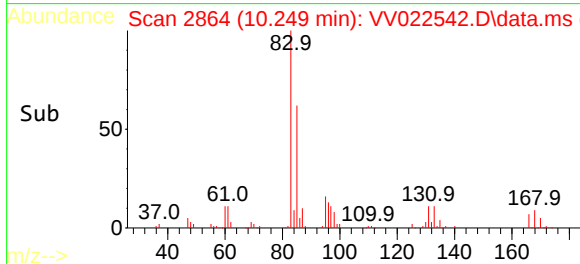




#57
1,1,2,2-Tetrachloroethane
Concen: 44.946 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.006 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22



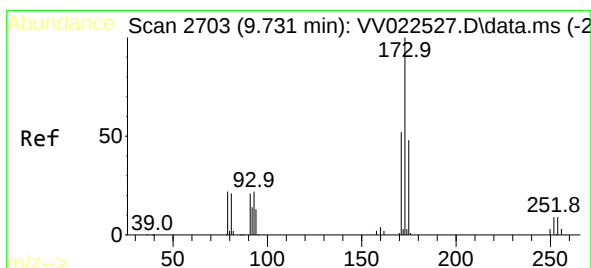
Tgt Ion: 83 Resp: 176743
Ion Ratio Lower Upper
83 100
85 62.6 45.2 84.0
131 10.6 8.2 12.4



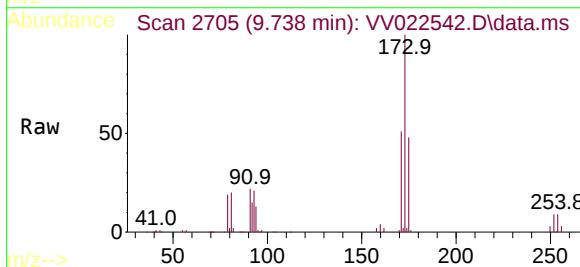
Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

Manual Integrations
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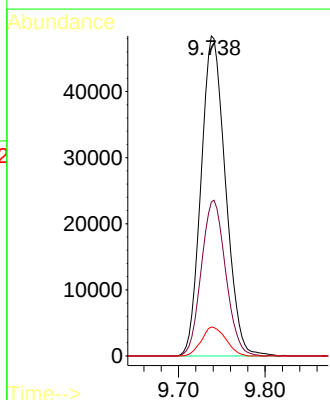
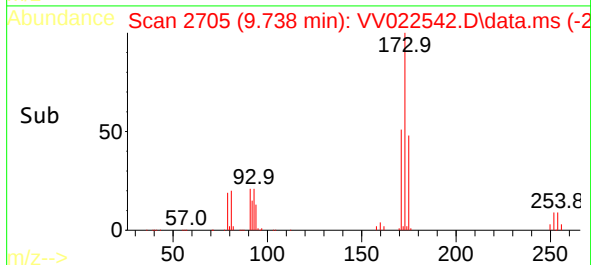
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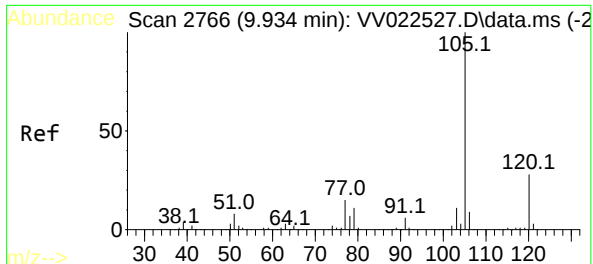


#59
Bromoform
Concen: 47.195 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.006 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22



Tgt Ion: 173 Resp: 94885
Ion Ratio Lower Upper
173 100
175 48.4 38.3 57.5
254 9.0 7.0 10.6





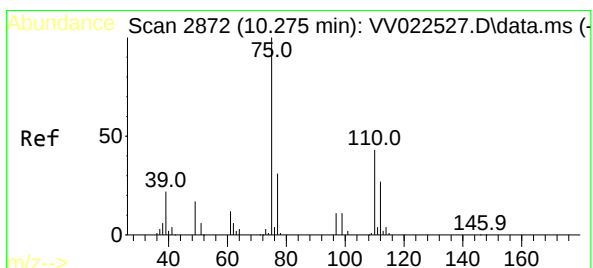
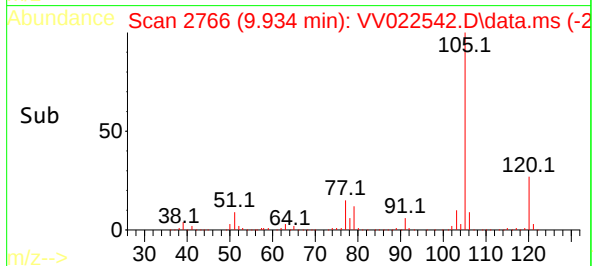
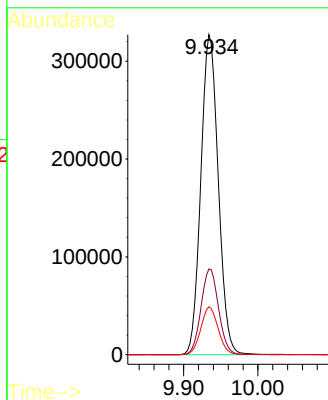
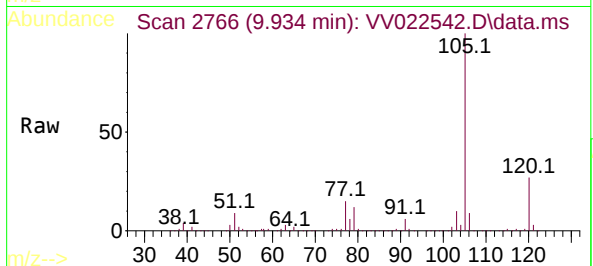
#60
Isopropylbenzene
Concen: 51.542 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 105 Resp: 533197
Ion Ratio Lower Upper
105 100
120 27.0 21.6 32.4
77 14.8 12.0 18.0

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

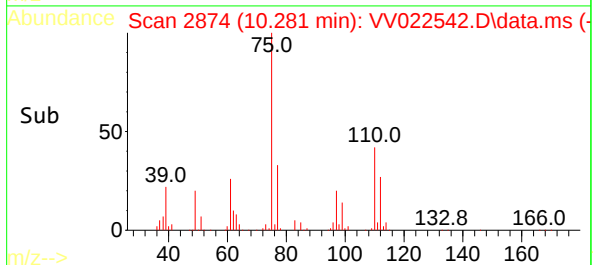
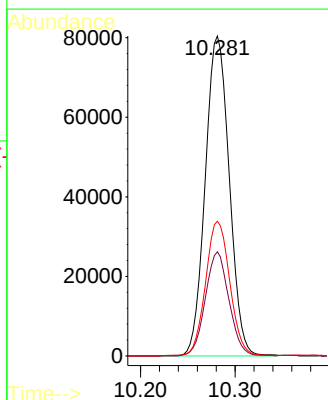
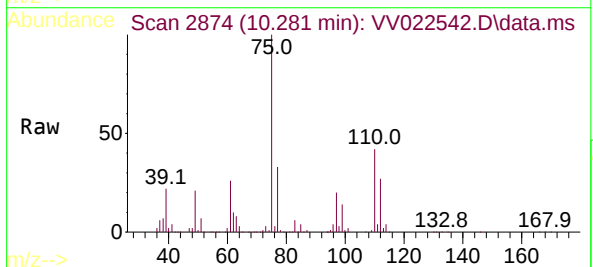
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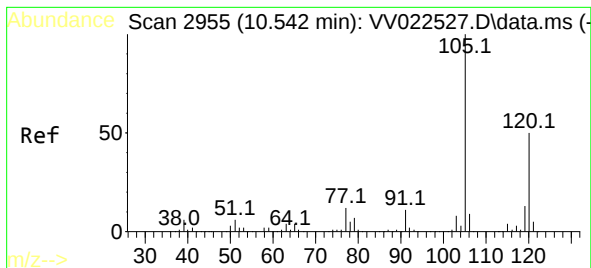
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#61
1,2,3-Trichloropropane
Concen: 45.931 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.006 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 75 Resp: 142028
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0
110 42.6 34.3 51.5





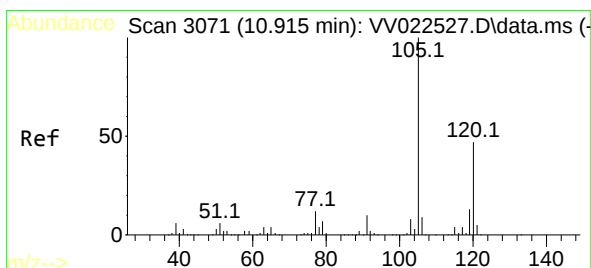
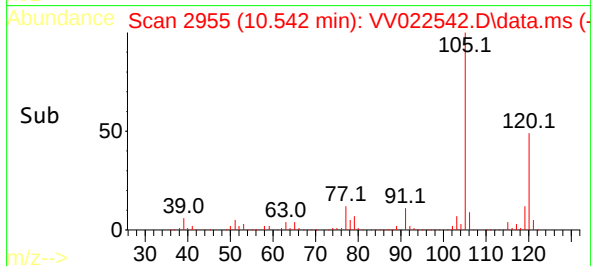
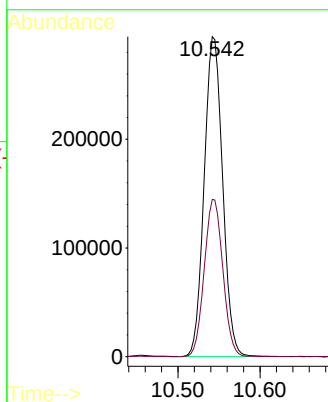
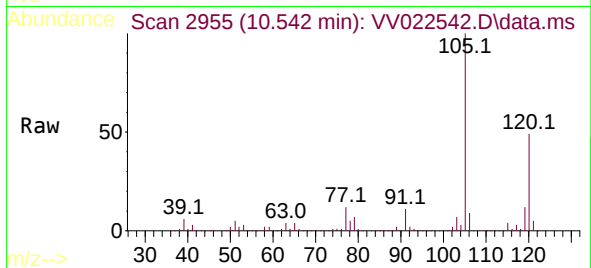
#62
1,3,5-Trimethylbenzene
Concen: 52.753 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion:105 Resp: 459486
Ion Ratio Lower Upper
105 100
120 49.7 39.7 59.5

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

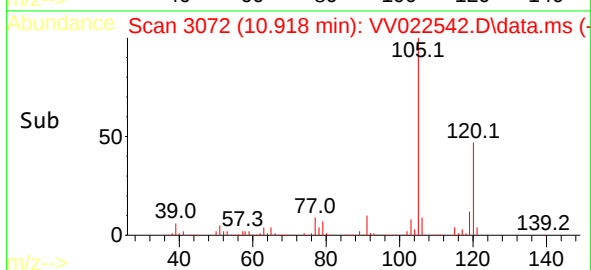
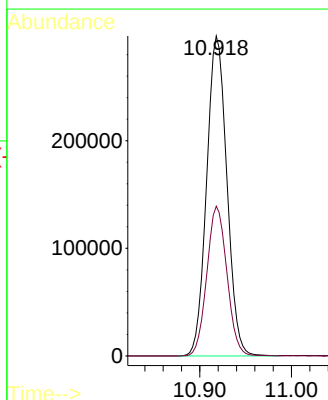
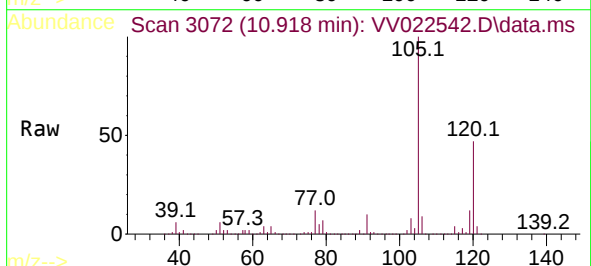
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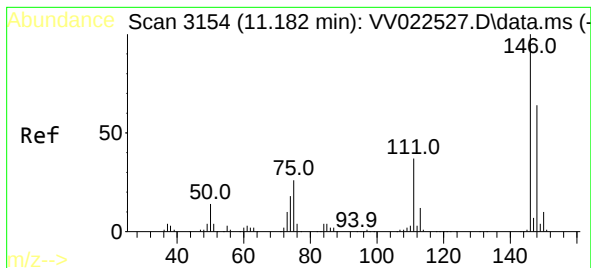
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#63
1,2,4-Trimethylbenzene
Concen: 52.710 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion:105 Resp: 456410
Ion Ratio Lower Upper
105 100
120 46.5 37.4 56.0





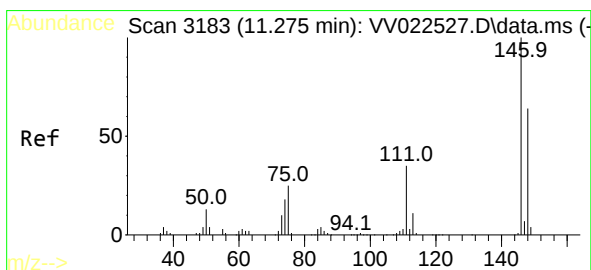
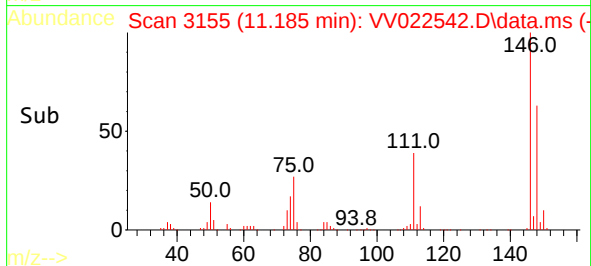
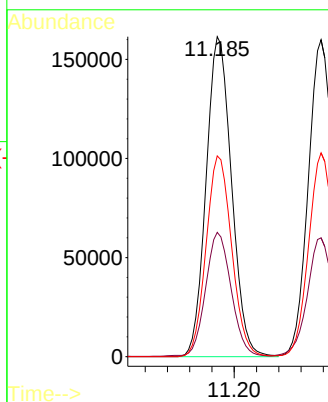
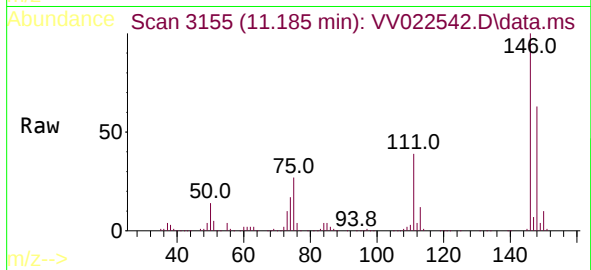
#64
1,3-Dichlorobenzene
Concen: 48.750 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion:146 Resp: 255857
Ion Ratio Lower Upper
146 100
111 38.9 26.5 49.3
148 62.7 44.6 82.8

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

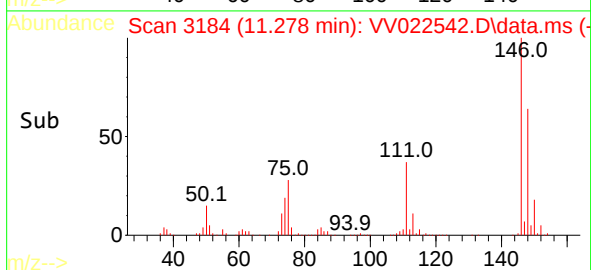
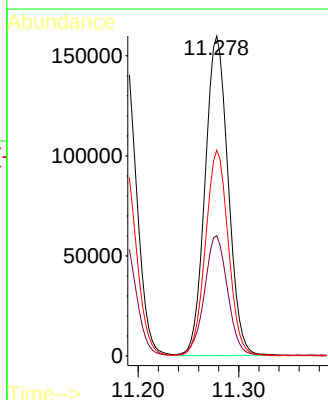
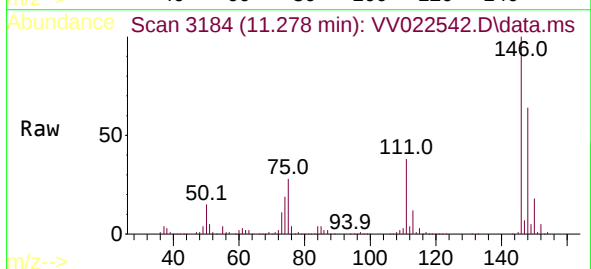
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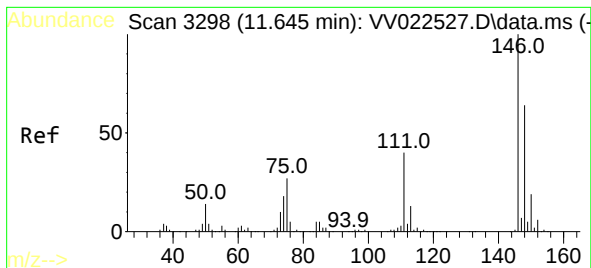
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#65
1,4-Dichlorobenzene
Concen: 46.624 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion:146 Resp: 254131
Ion Ratio Lower Upper
146 100
111 37.5 25.5 47.3
148 64.3 43.9 81.5





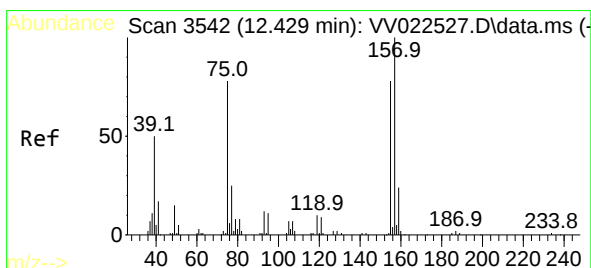
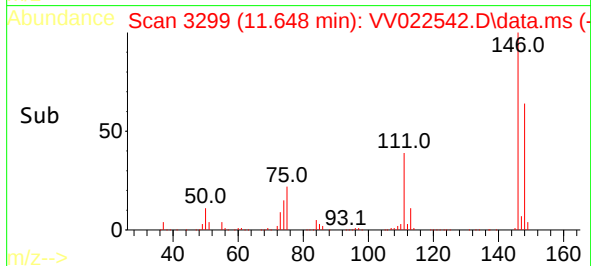
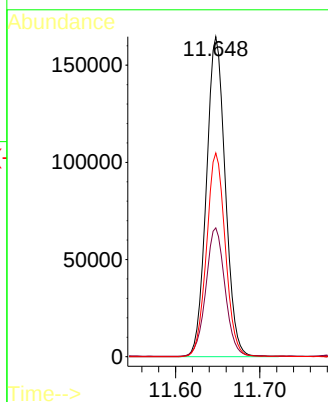
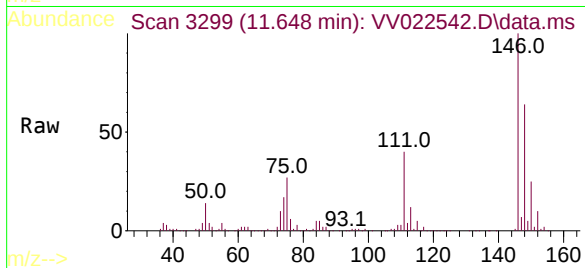
#67
1,2-Dichlorobenzene
Concen: 47.897 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 146 Resp: 256898
Ion Ratio Lower Upper
146 100
111 40.2 31.6 47.4
148 63.7 50.4 75.6

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

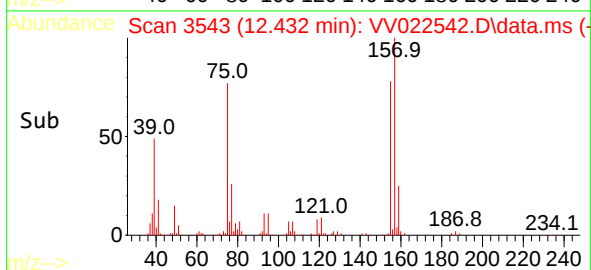
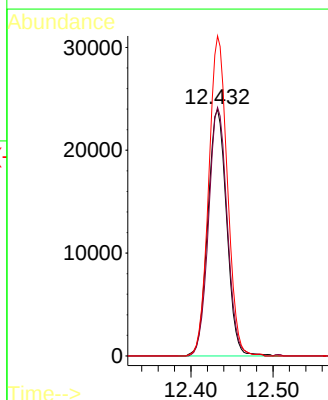
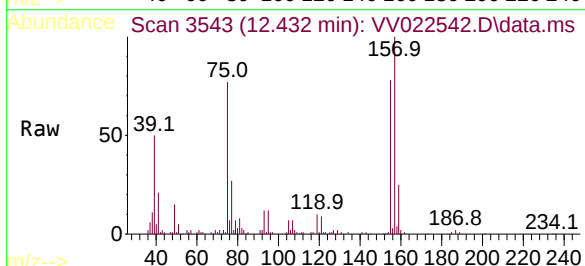
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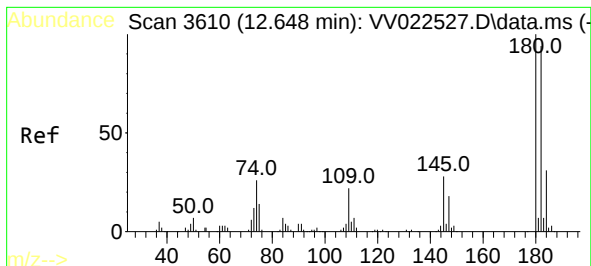
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#68
1,2-Dibromo-3-chloropropane
Concen: 45.128 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

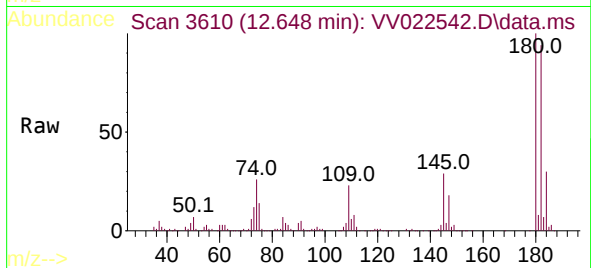
Tgt Ion: 75 Resp: 38233
Ion Ratio Lower Upper
75 100
155 100.7 79.1 118.7
157 129.7 104.2 156.2





#69
1,3,5-Trichlorobenzene
Concen: 47.626 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

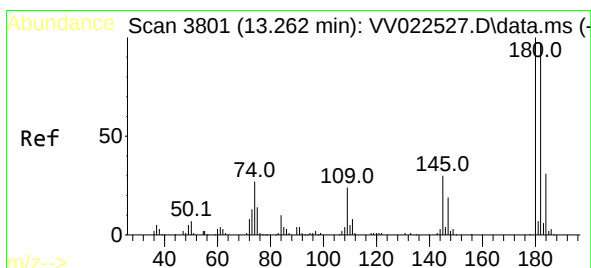
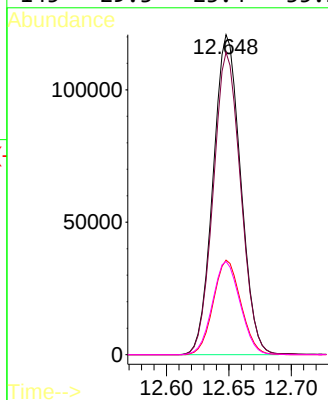
Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD



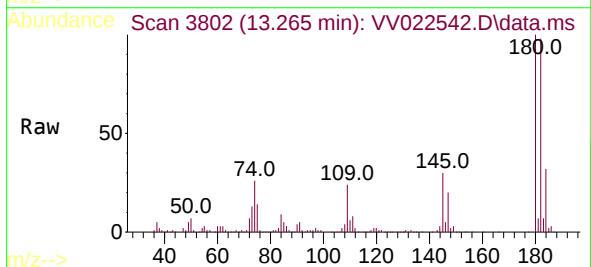
Tgt Ion:	180	Resp:	185724
Ion Ratio	Lower	Upper	
180	100		
182	94.0	75.0	112.4
184	29.5	23.6	35.4
145	29.3	23.4	35.2

Manual Integrations
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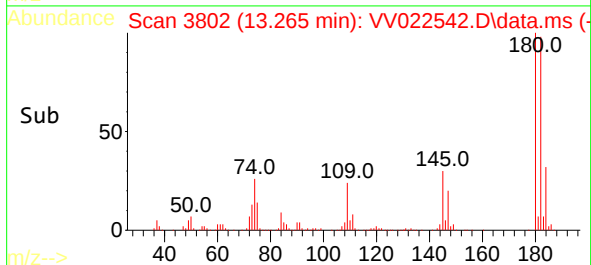
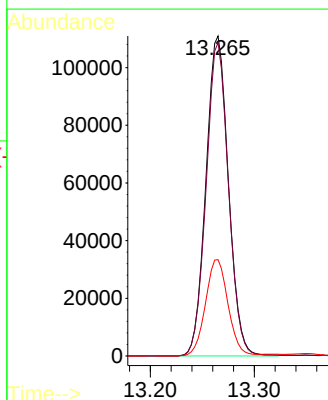
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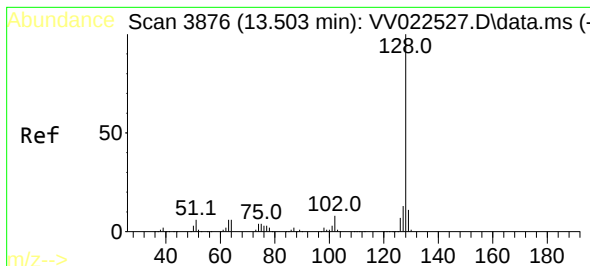


#70
1,2,4-trichlorobenzene
Concen: 47.622 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22



Tgt Ion:	180	Resp:	166997
Ion Ratio	Lower	Upper	
180	100		
182	96.6	75.5	113.3
145	30.2	23.0	34.4





#71
Naphthalene
Concen: 48.989 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

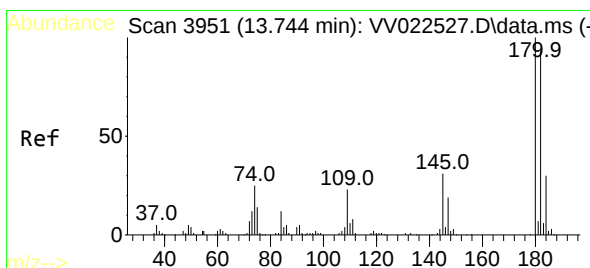
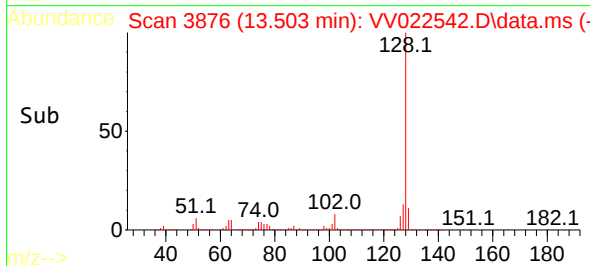
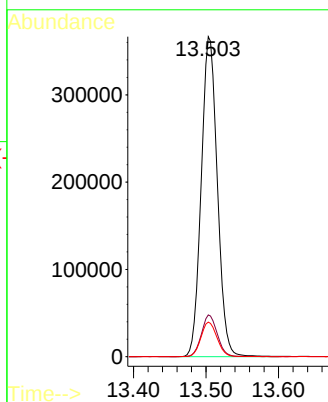
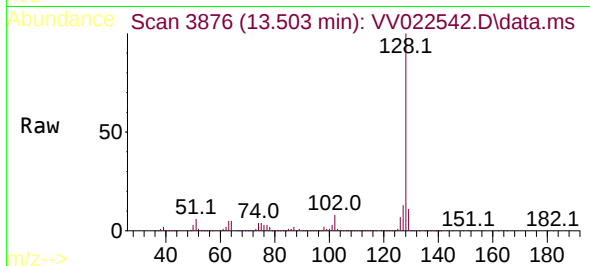
Tgt Ion:128 Resp: 565677

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.8	8.7	13.1

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMSD

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 47.054 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion:180 Resp: 170544

Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.1	114.1
145	33.0	24.6	36.8

