

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100221\
 Data File : VW022541.D
 Acq On : 03 Oct 2021 03:58
 Operator : SY/MD
 Sample : M3974-04MEMS
 Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Y9MEMS

Manual Integrations
 APPROVED

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 10/6/2021 2:30:18 PM

Quant Time: Oct 04 04:32:08 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	314874	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	296035	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	157973	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	73367	37.675	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.340%
7) Chloroethane-d5	1.564	69	50455m	32.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	65.920%#
11) 1,1-Dichloroethene-d2	2.092	63	136146	35.457	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.920%
21) 2-Butanone-d5	3.924	46	99659	92.972	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.970%
24) Chloroform-d	4.349	84	153697	43.199	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.034	65	91655	44.408	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.820%
32) Benzene-d6	5.047	84	304378	44.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.760%
36) 1,2-Dichloropropane-d6	6.069	67	92924	44.013	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.020%
41) Toluene-d8	7.317	98	287004	45.622	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.240%
43) trans-1,3-Dichloroprop...	7.625	79	44631	44.680	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.360%
47) 2-Hexanone-d5	8.104	63	81956	93.706	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.710%
56) 1,1,2,2-Tetrachloroeth...	10.226	84	126389	43.051	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.100%
66) 1,2-Dichlorobenzene-d4	11.628	152	115273	44.746	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	148272m	47.085	ug/L	
3) Chloromethane	1.236	50	139908	44.679	ug/L	99
5) Vinyl chloride	1.307	62	137130	46.200	ug/L	100
6) Bromomethane	1.519	94	69411	33.493	ug/L	99
8) Chloroethane	1.581	64	65757m	36.325	ug/L	
9) Trichlorofluoromethane	1.741	101	171042	41.955	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	80207	34.756	ug/L	98
12) 1,1-Dichloroethene	2.098	96	78608	35.739	ug/L	95
13) Acetone	2.191	43	92474m	68.293	ug/L	
14) Carbon disulfide	2.272	76	267911	40.323	ug/L	99
15) Methyl Acetate	2.436	43	128680	52.094	ug/L #	89
16) Methylene chloride	2.497	84	127940	46.297	ug/L	97
17) trans-1,2-Dichloroethene	2.748	96	115498	47.836	ug/L	100
18) Methyl tert-butyl Ether	2.770	73	373011	50.040	ug/L	100
19) 1,1-Dichloroethane	3.179	63	199746	46.755	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	123949	48.187	ug/L	98
22) 2-Butanone	4.002	43	151309m	84.866	ug/L	
23) Bromochloromethane	4.246	128	65410	46.286	ug/L	94
25) Chloroform	4.375	83	206589	48.055	ug/L	100

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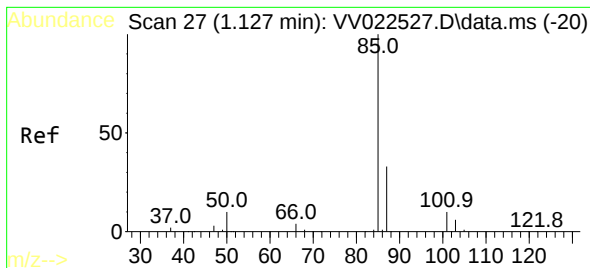
Manual Integrations
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Quant Time: Oct 04 04:32:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 04:27:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	151675	48.723	ug/L	99
29) Cyclohexane	4.667	56	179609	52.052	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	182097	49.242	ug/L	99
31) Carbon tetrachloride	4.822	117	157690	48.539	ug/L	99
33) Benzene	5.095	78	447959	49.008	ug/L	100
34) Trichloroethene	5.912	95	215839	90.438	ug/L	99
35) Methylcyclohexane	6.127	83	183265	50.643	ug/L	97
37) 1,2-Dichloropropane	6.175	63	111440	47.618	ug/L	100
38) Bromodichloromethane	6.513	83	143670	47.261	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	169785	48.240	ug/L	100
40) 4-Methyl-2-pentanone	7.236	43	322139	97.964	ug/L	96
42) Toluene	7.387	91	481338	49.990	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	162087	47.832	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	114665	47.332	ug/L	98
46) Tetrachloroethene	7.976	164	97845	48.972	ug/L	98
48) 2-Hexanone	8.156	43	242960	96.604	ug/L	96
49) Dibromochloromethane	8.249	129	125874	48.014	ug/L	99
50) 1,2-Dibromoethane	8.355	107	127095	48.727	ug/L	99
51) Chlorobenzene	8.882	112	317281	49.541	ug/L	99
52) Ethylbenzene	9.014	91	516199	51.511	ug/L	100
53) m,p-Xylene	9.140	106	205598	51.784	ug/L	100
54) o-Xylene	9.548	106	200324	51.788	ug/L	99
55) Styrene	9.564	104	346768	52.238	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.249	83	175092	46.763	ug/L	99
59) Bromoform	9.738	173	91361	46.771	ug/L	99
60) Isopropylbenzene	9.934	105	530385	52.770	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	140652	46.817	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	450885	53.280	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	452092	53.738	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	251899	49.400	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	250168	47.239	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	253630	48.672	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	36539	44.391	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	184864	48.792	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	168614	49.490	ug/L	98
71) Naphthalene	13.503	128	554578	49.433	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	170420	48.396	ug/L	98

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



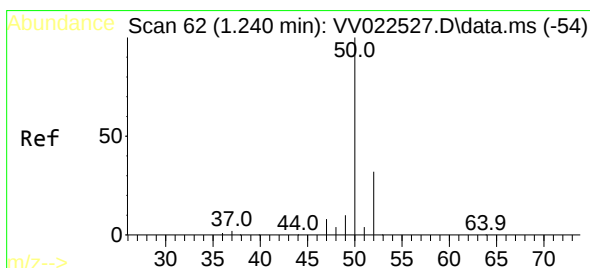
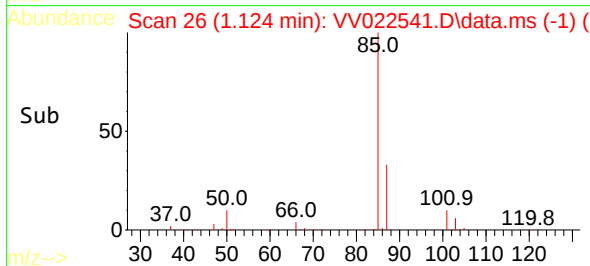
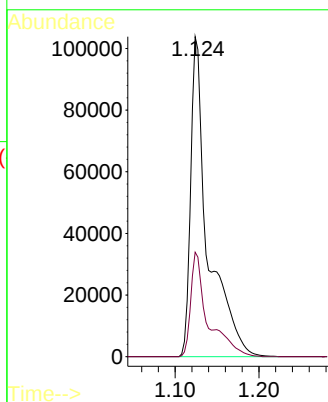
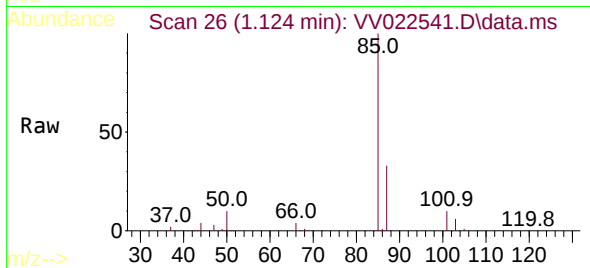
#2
Dichlorodifluoromethane
Concen: 47.085 ug/L m
RT: 1.124 min Scan# 26
Delta R.T. -0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion: 85 Resp: 148272
Ion Ratio Lower Upper
85 100
87 23.9 25.8 38.6#

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS

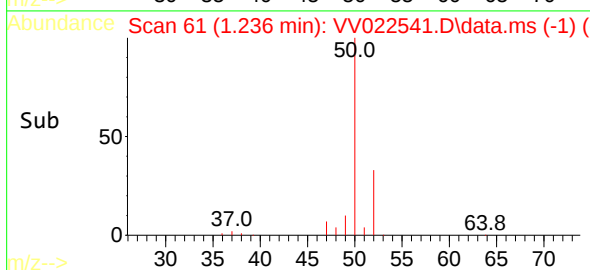
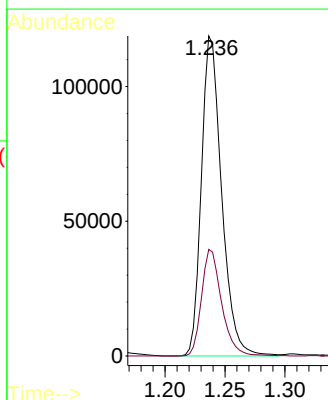
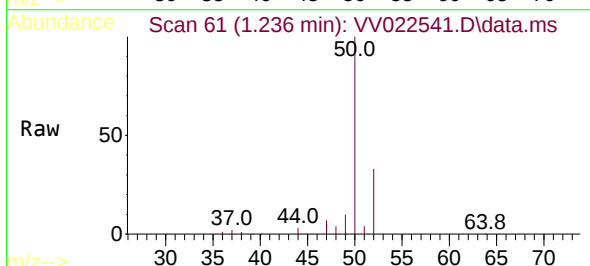
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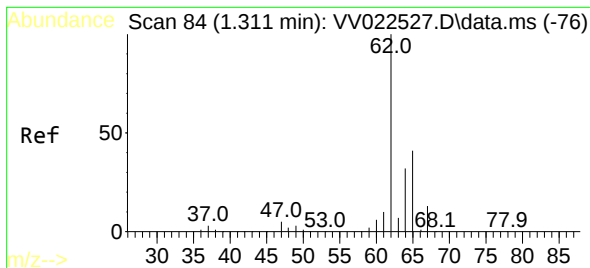
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#3
Chloromethane
Concen: 44.679 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion: 50 Resp: 139908
Ion Ratio Lower Upper
50 100
52 33.3 23.0 42.8





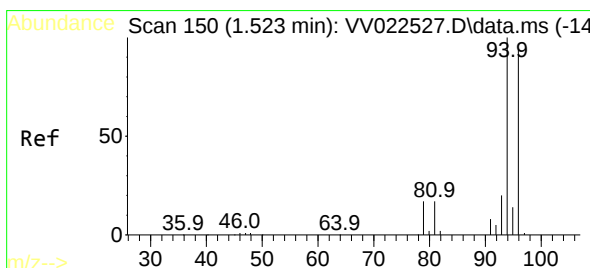
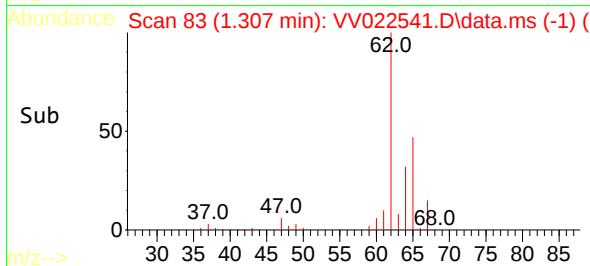
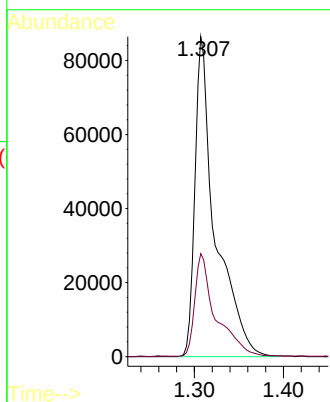
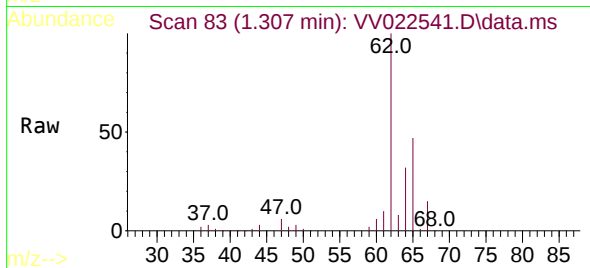
#5
 Vinyl chloride
 Concen: 46.200 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022541.D
 Acq: 03 Oct 2021 03:58

Tgt Ion: 62 Resp: 137130
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.5 41.9

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Y9MEMS

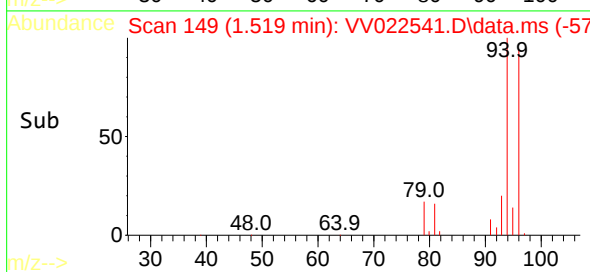
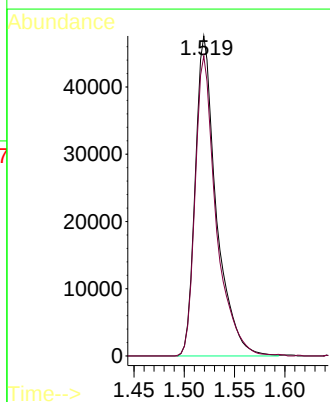
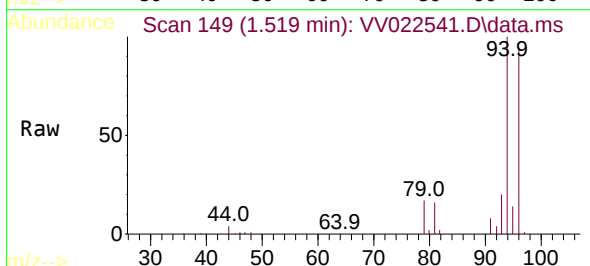
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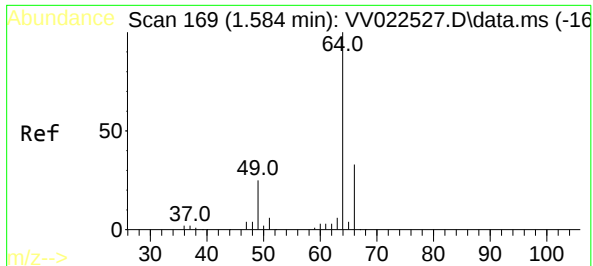
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#6
 Bromomethane
 Concen: 33.493 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV022541.D
 Acq: 03 Oct 2021 03:58

Tgt Ion: 94 Resp: 69411
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.4 123.2





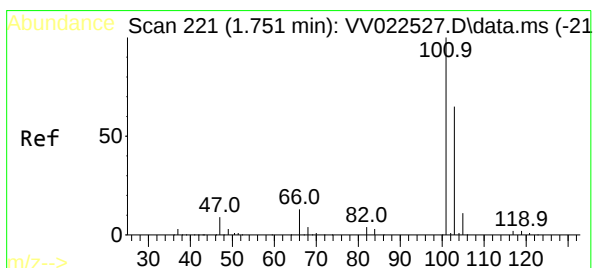
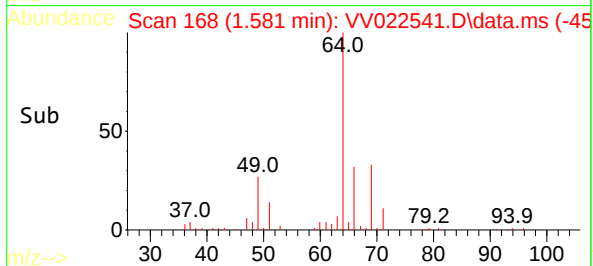
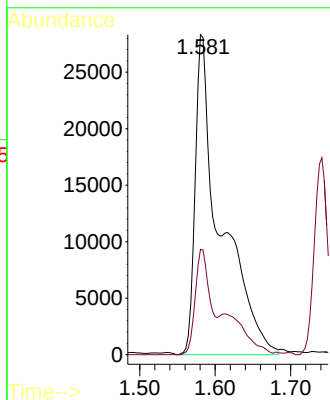
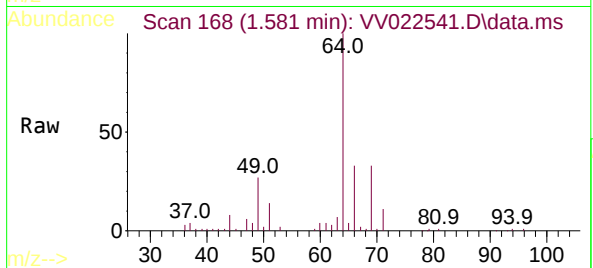
#8
Chloroethane
Concen: 36.325 ug/L m
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion: 64 Resp: 65757
Ion Ratio Lower Upper
64 100
66 32.8 22.7 42.3

Instrument :
MSVOA_V
ClientSampleId :
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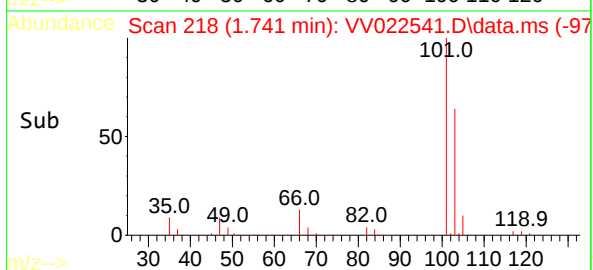
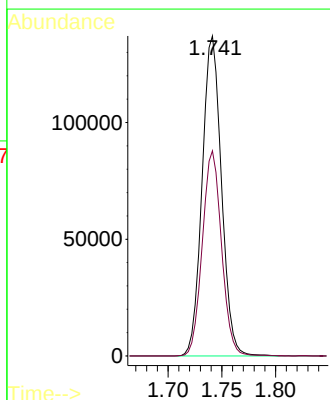
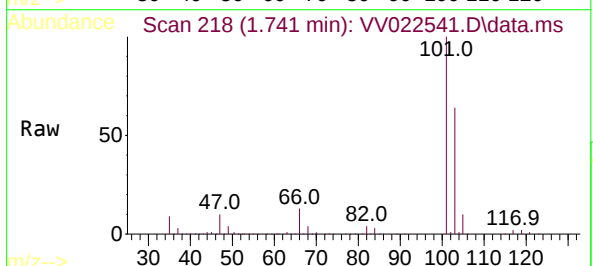
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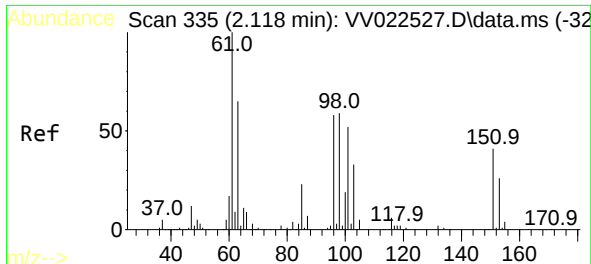
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#9
Trichlorofluoromethane
Concen: 41.955 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.010 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion: 101 Resp: 171042
Ion Ratio Lower Upper
101 100
103 63.7 51.7 77.5





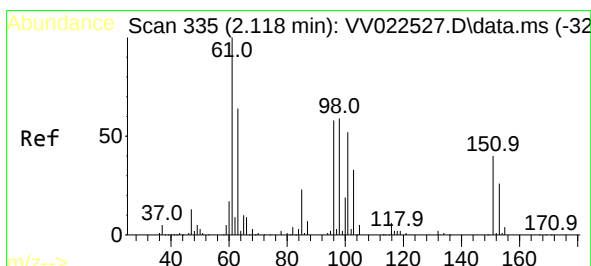
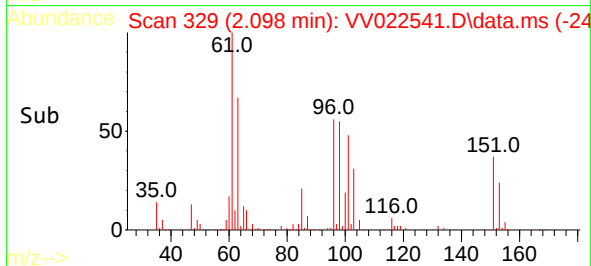
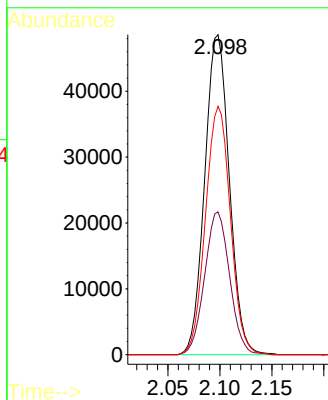
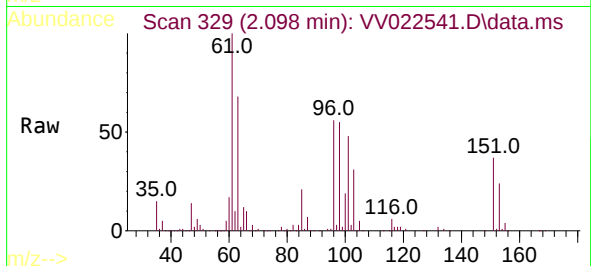
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 34.756 ug/L
 RT: 2.098 min Scan# 329
 Delta R.T. -0.019 min
 Lab File: VV022541.D
 Acq: 03 Oct 2021 03:58

Instrument :
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 ClientSampleId :
 EW8Y9MEMS

Tgt Ion:101 Resp: 80207
 Ion Ratio Lower Upper
 101 100
 85 45.3 34.7 52.1
 151 78.5 61.3 91.9

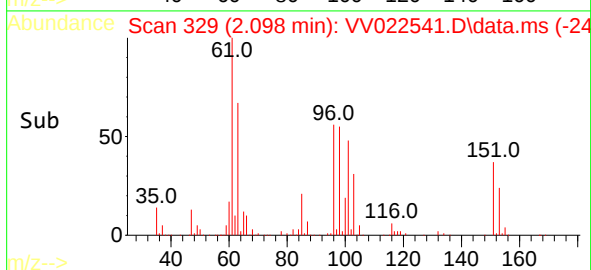
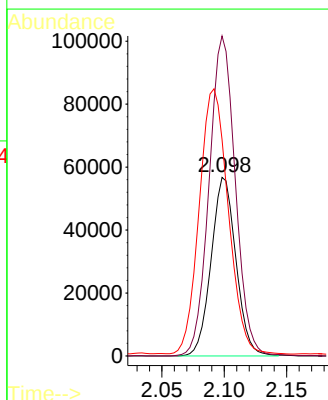
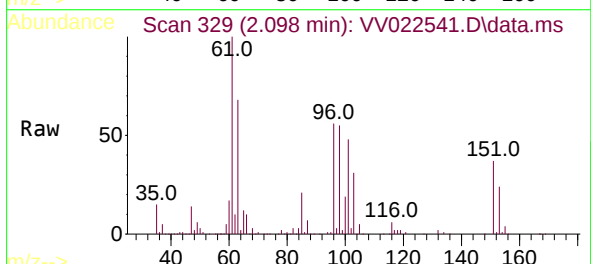
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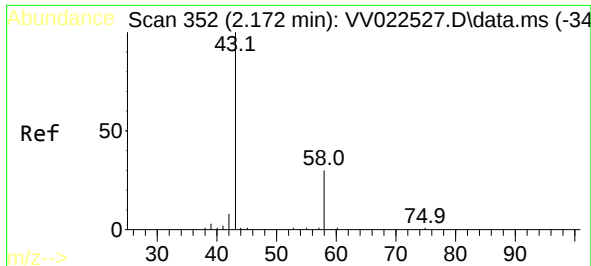
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#12
 1,1-Dichloroethene
 Concen: 35.739 ug/L
 RT: 2.098 min Scan# 329
 Delta R.T. -0.019 min
 Lab File: VV022541.D
 Acq: 03 Oct 2021 03:58

Tgt Ion: 96 Resp: 78608
 Ion Ratio Lower Upper
 96 100
 61 179.1 118.0 219.2
 63 121.2 86.4 160.4





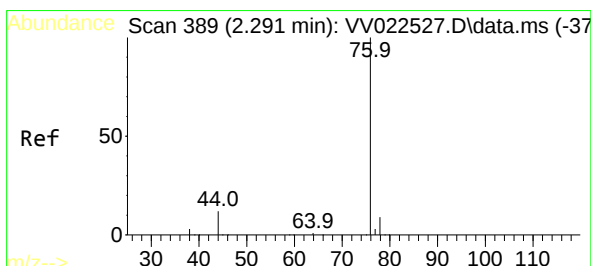
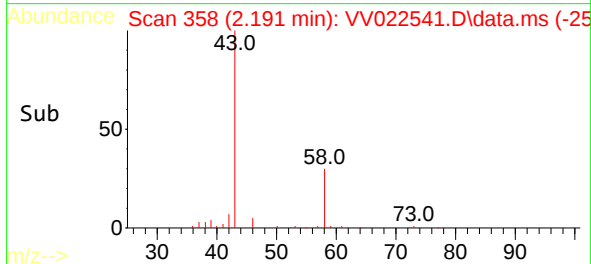
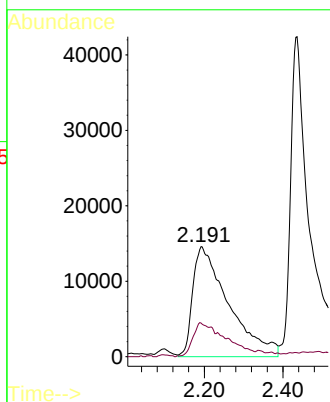
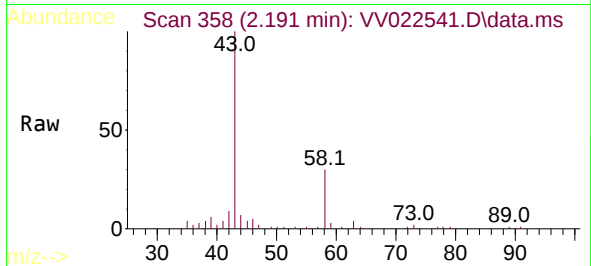
#13
Acetone
Concen: 68.293 ug/L m
RT: 2.191 min Scan# 358
Delta R.T. 0.019 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion: 43 Resp: 92474
Ion Ratio Lower Upper
43 100
58 11.9 0.0 21.2

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS

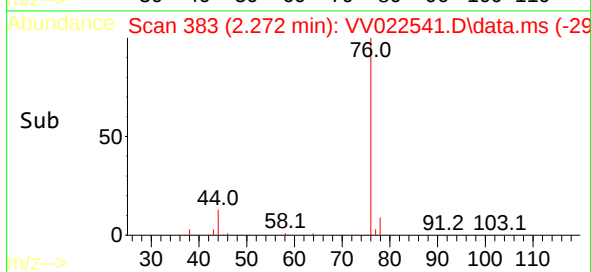
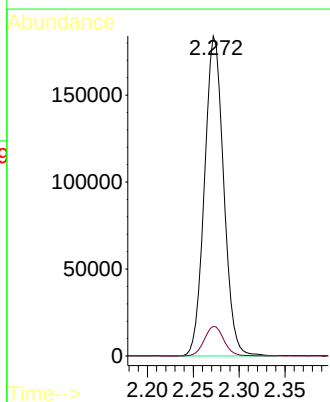
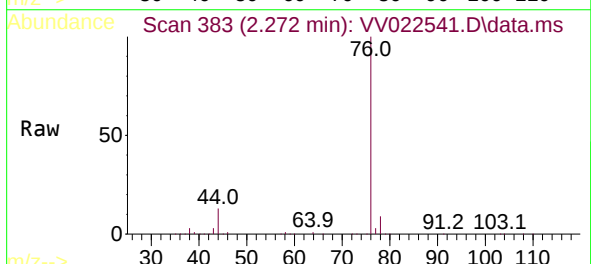
Manual Integrations
APPROVED

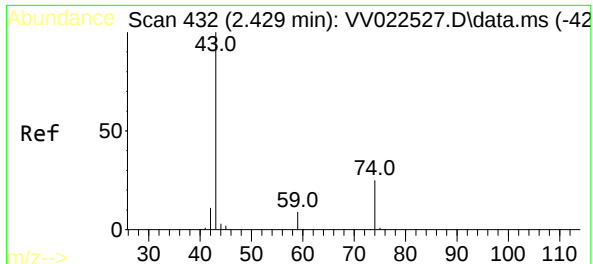
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#14
Carbon disulfide
Concen: 40.323 ug/L
RT: 2.272 min Scan# 383
Delta R.T. -0.019 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

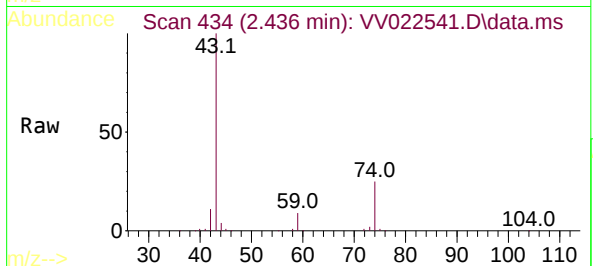
Tgt Ion: 76 Resp: 267911
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4





#15
Methyl Acetate
Concen: 52.094 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.006 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

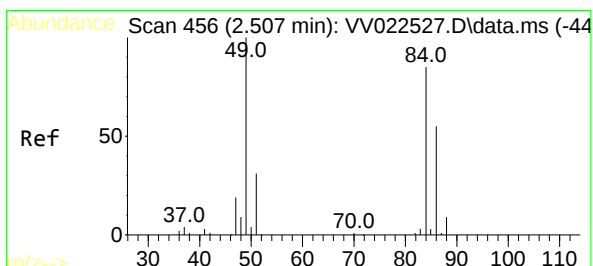
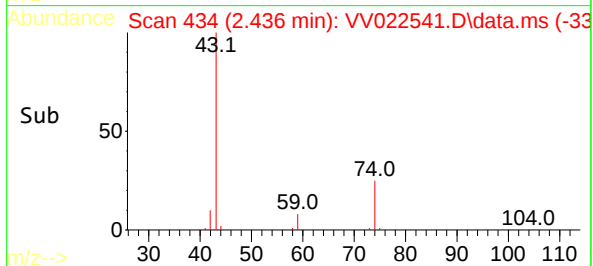
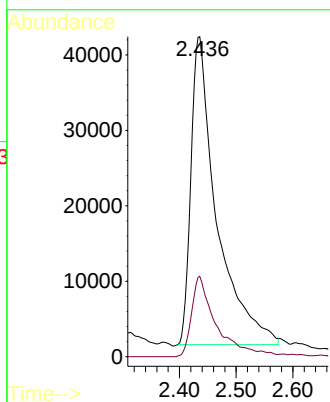
Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS



Tgt Ion: 43 Resp: 128680
Ion Ratio Lower Upper
43 100
74 19.9 20.6 30.8#

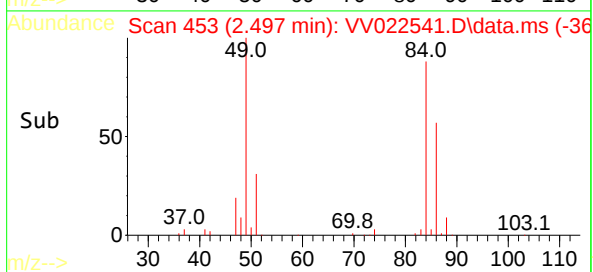
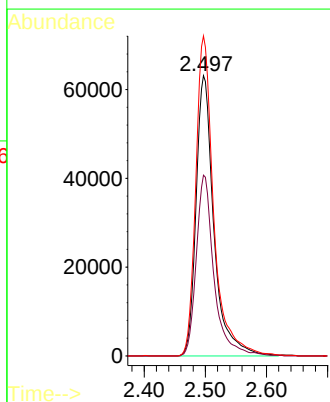
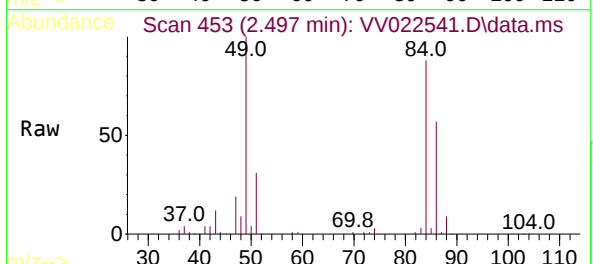
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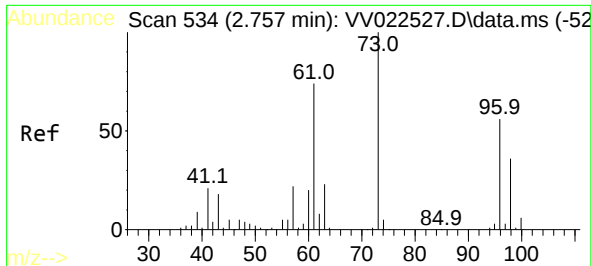
MMDadoda
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#16
Methylene chloride
Concen: 46.297 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.010 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion: 84 Resp: 127940
Ion Ratio Lower Upper
84 100
86 64.5 45.6 84.6
49 114.1 82.7 153.7





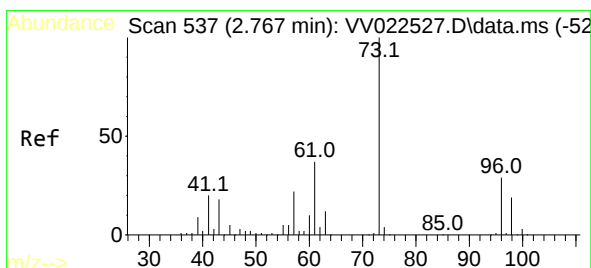
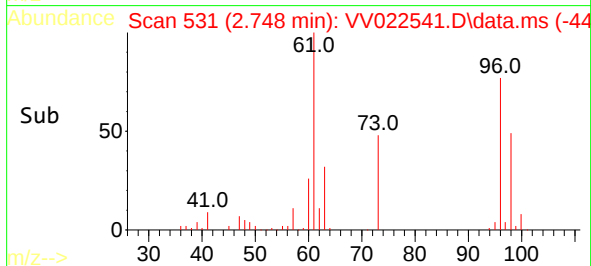
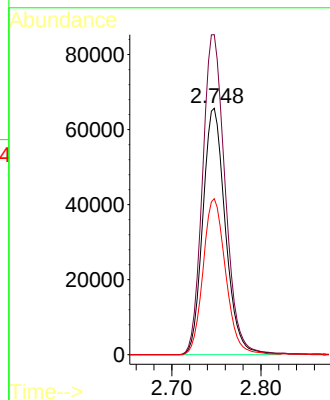
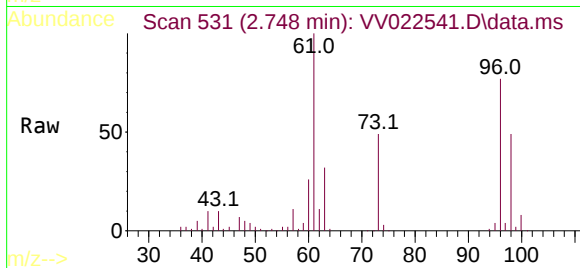
#17
trans-1,2-Dichloroethene
Concen: 47.836 ug/L
RT: 2.748 min Scan# 531
Delta R.T. -0.010 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion: 96 Resp: 115498
Ion Ratio Lower Upper
96 100
61 129.9 90.8 168.6
98 63.3 44.0 81.8

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS

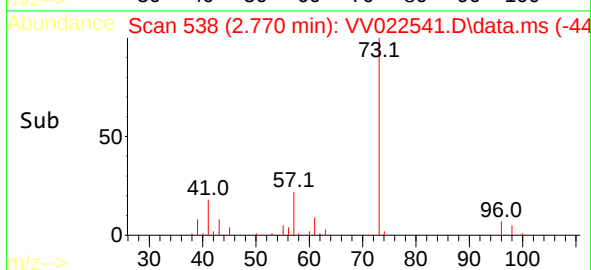
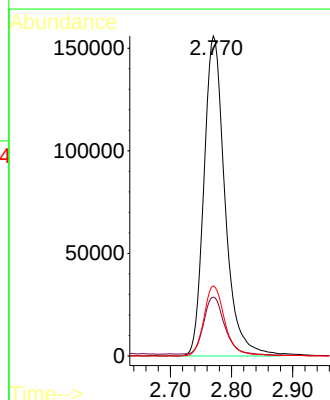
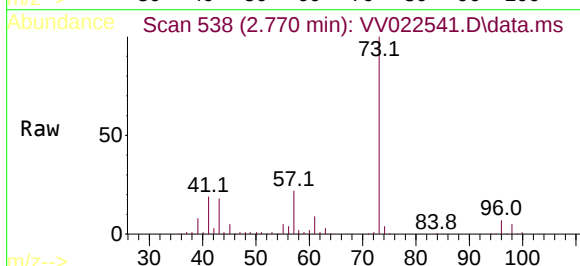
Manual Integrations
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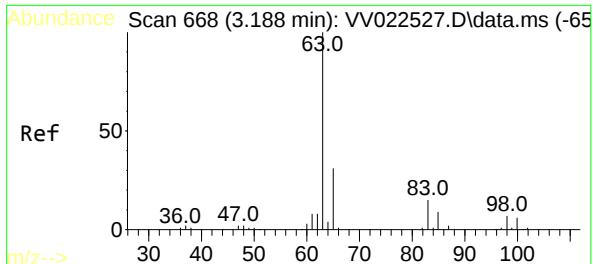
MMDadoda
10/6/2021 2:30:18 PM



#18
Methyl tert-butyl Ether
Concen: 50.040 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion: 73 Resp: 373011
Ion Ratio Lower Upper
73 100
43 18.9 15.1 22.7
57 21.6 17.6 26.4





#19

1,1-Dichloroethane

Concen: 46.755 ug/L

RT: 3.179 min Scan# 665

Delta R.T. -0.010 min

Lab File: VV022541.D

Acq: 03 Oct 2021 03:58

Tgt Ion:	63	Resp:	199746
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.9	42.5
83	14.1	9.4	17.4

Instrument :

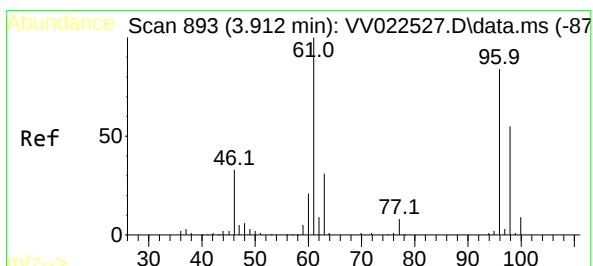
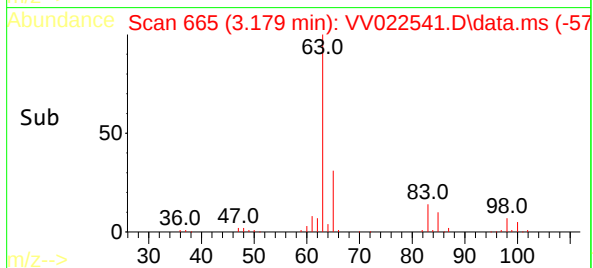
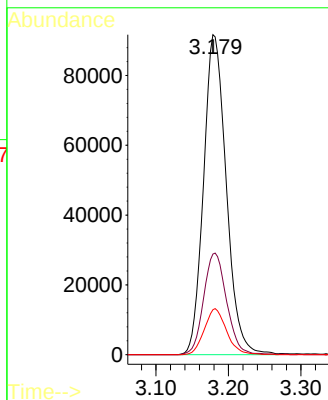
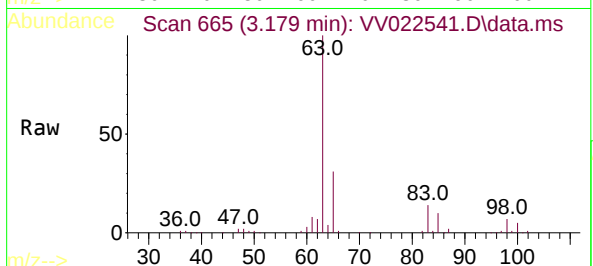
MSVOA_V

ClientSampleId :

EW8Y9MEMS

Manual Integrations
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#20

cis-1,2-Dichloroethene

Concen: 48.187 ug/L

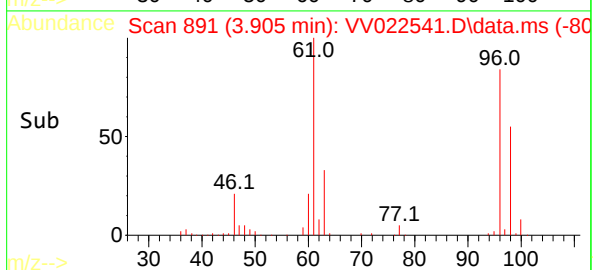
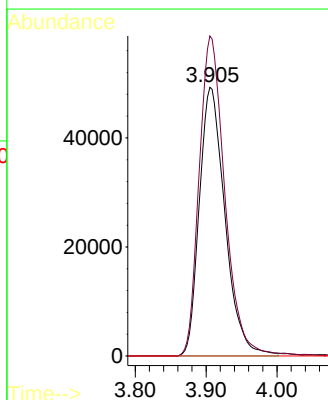
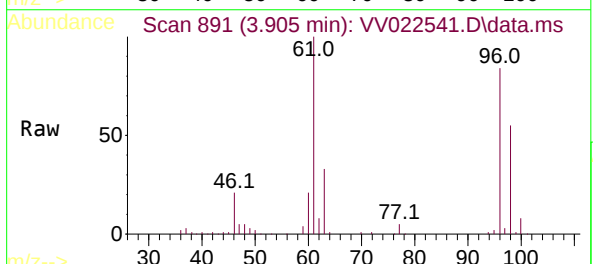
RT: 3.905 min Scan# 891

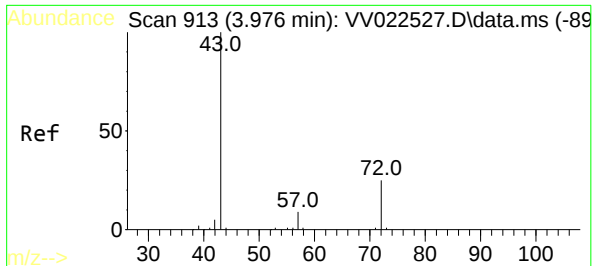
Delta R.T. -0.007 min

Lab File: VV022541.D

Acq: 03 Oct 2021 03:58

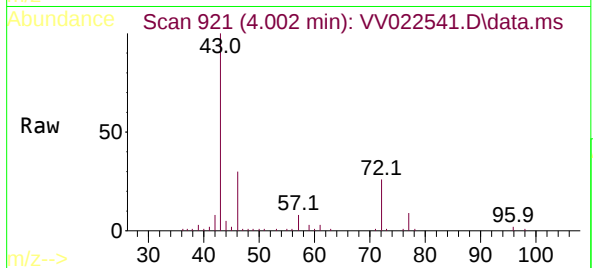
Tgt Ion:	96	Resp:	123949
Ion	Ratio	Lower	Upper
96	100		
61	119.1	81.9	152.1
68	0.0	0.0	0.0





#22
2-Butanone
Concen: 84.866 ug/L m
RT: 4.002 min Scan# 921
Delta R.T. 0.026 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

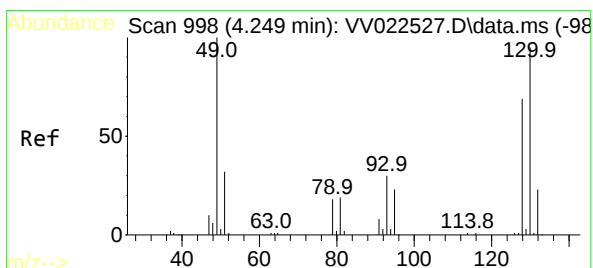
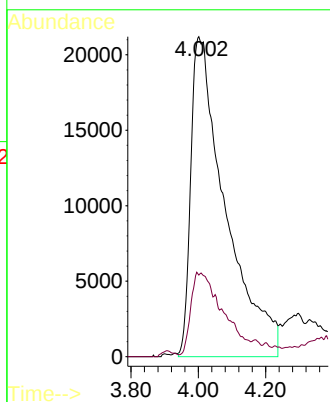
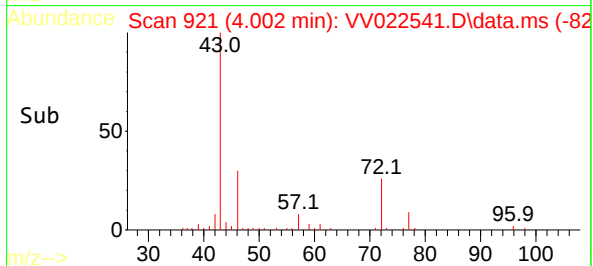
Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS



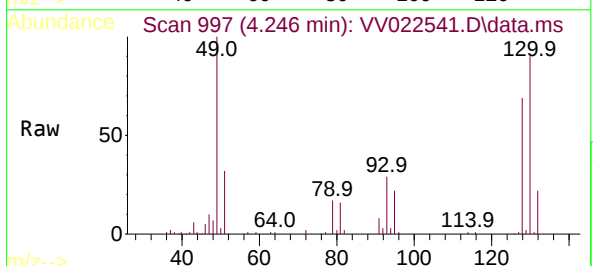
Tgt Ion: 43 Resp: 151309
Ion Ratio Lower Upper
43 100
72 6.2 10.0 29.8#

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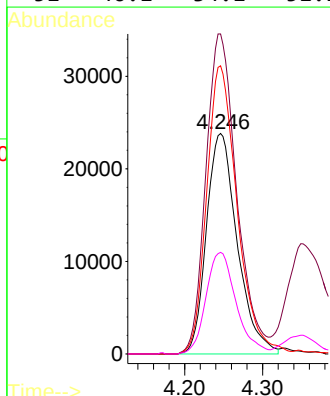
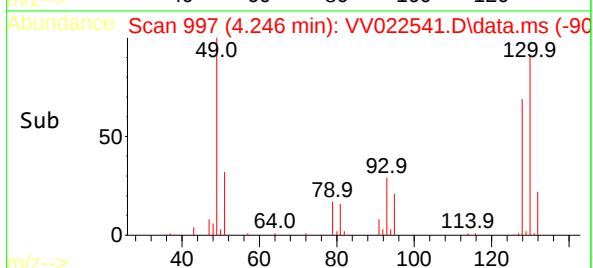
MMDadoda
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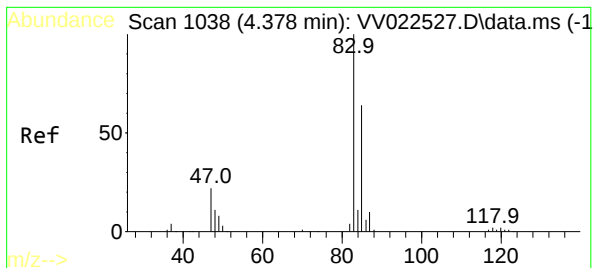


#23
Bromochloromethane
Concen: 46.286 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58



Tgt Ion: 128 Resp: 65410
Ion Ratio Lower Upper
128 100
49 145.2 97.2 180.4
130 130.7 86.3 160.3
51 46.1 34.1 51.1





#25

Chloroform

Concen: 48.055 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV022541.D

Acq: 03 Oct 2021 03:58

Tgt Ion: 83 Resp: 206589

Ion	Ratio	Lower	Upper
83	100		
85	65.1	45.8	85.0

Instrument :

MSVOA_V

ClientSampleId :

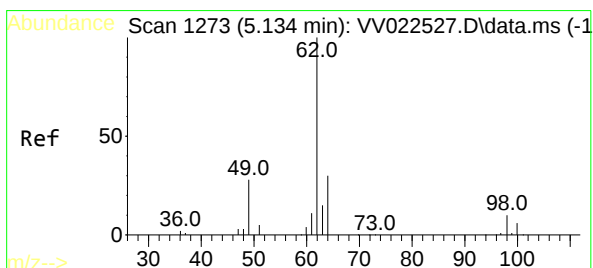
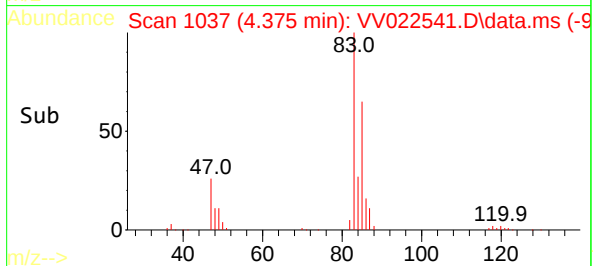
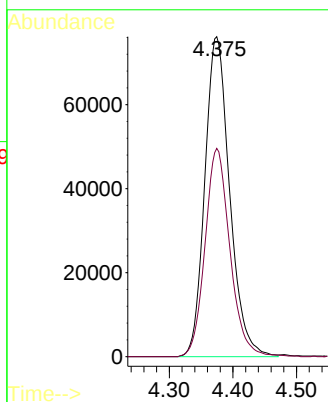
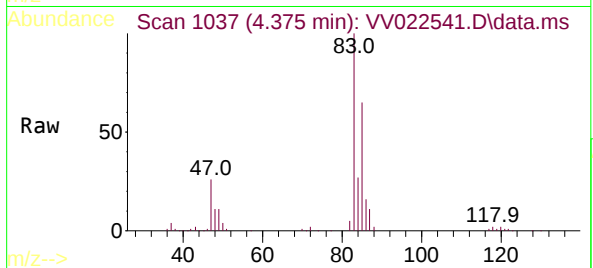
EW8Y9MEMS

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#27

1,2-Dichloroethane

Concen: 48.723 ug/L

RT: 5.130 min Scan# 1272

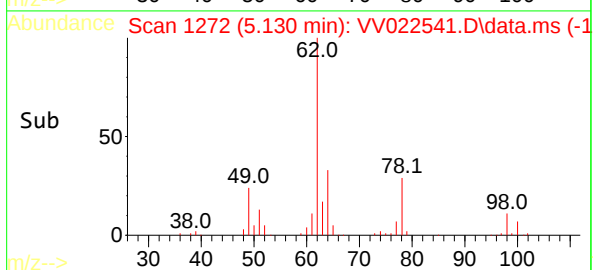
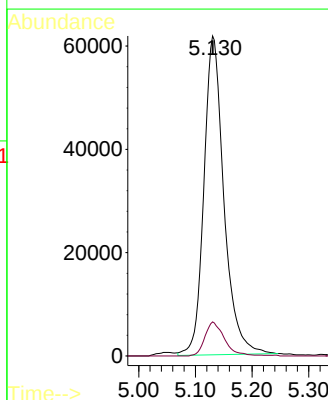
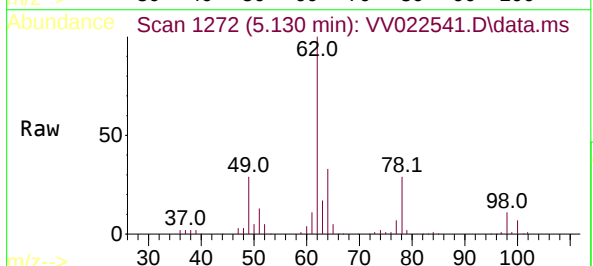
Delta R.T. -0.003 min

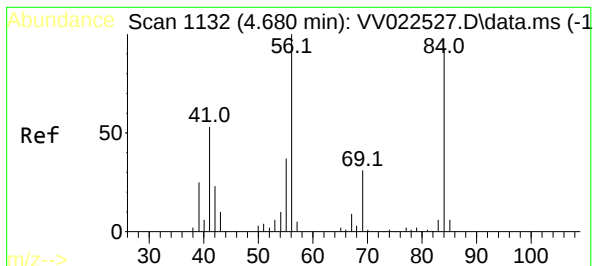
Lab File: VV022541.D

Acq: 03 Oct 2021 03:58

Tgt Ion: 62 Resp: 151675

Ion	Ratio	Lower	Upper
62	100		
98	10.7	9.0	13.4





#29

Cyclohexane

Concen: 52.052 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.013 min

Lab File: VV022541.D

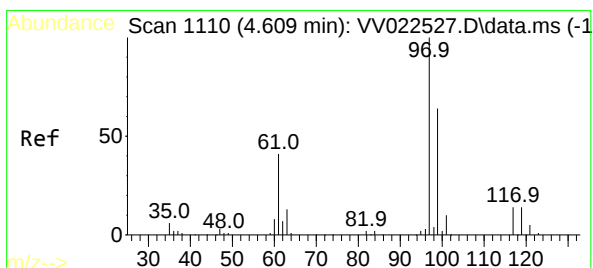
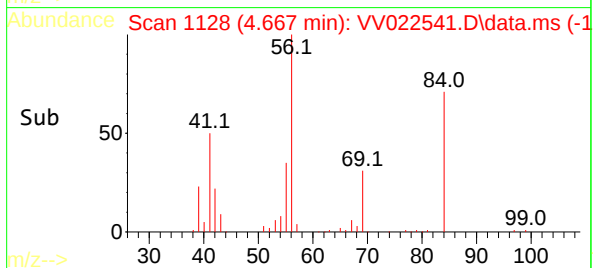
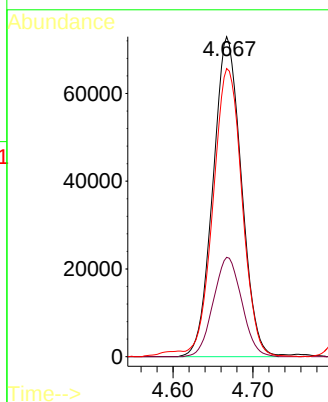
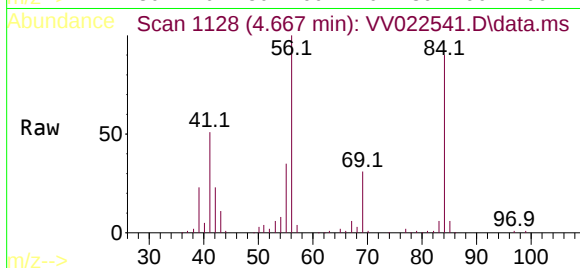
Acq: 03 Oct 2021 03:58

Tgt Ion:	56	Resp:	179609
Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.9	37.3
84	91.9	73.9	110.9

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS

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#30

1,1,1-Trichloroethane

Concen: 49.242 ug/L

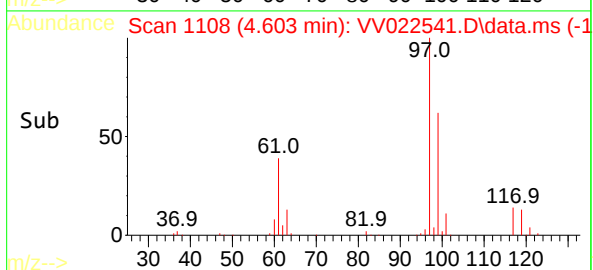
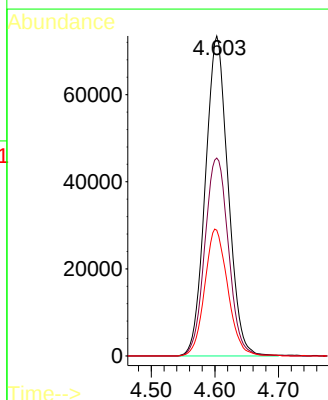
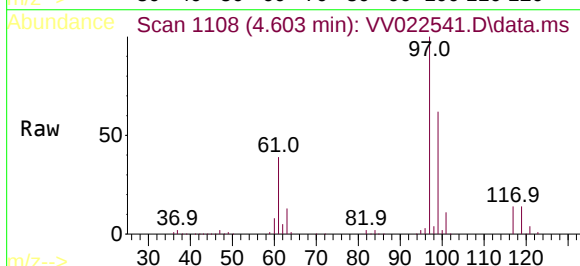
RT: 4.603 min Scan# 1108

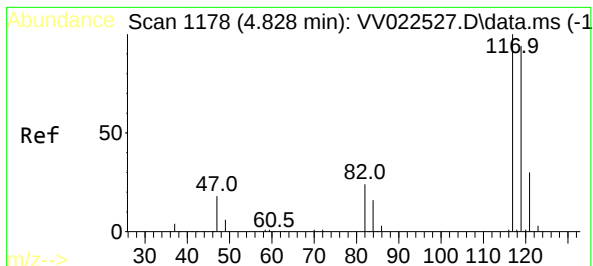
Delta R.T. -0.007 min

Lab File: VV022541.D

Acq: 03 Oct 2021 03:58

Tgt Ion:	97	Resp:	182097
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	40.3	32.9	49.3





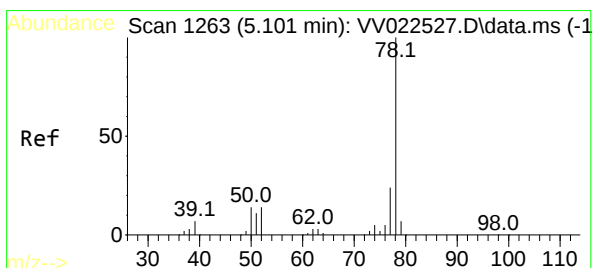
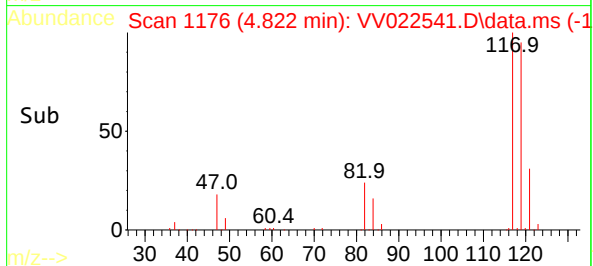
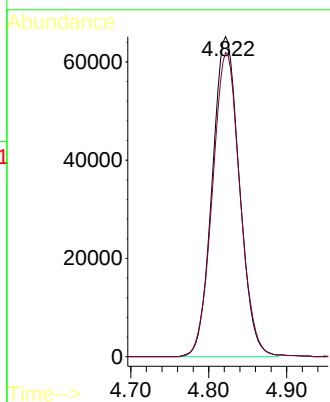
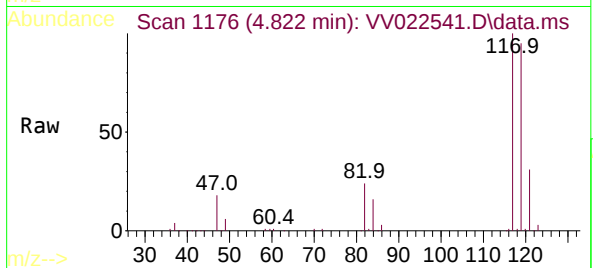
#31
Carbon tetrachloride
Concen: 48.539 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.007 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS

Tgt Ion:117 Resp: 157690
Ion Ratio Lower Upper
117 100
119 96.5 78.3 117.5

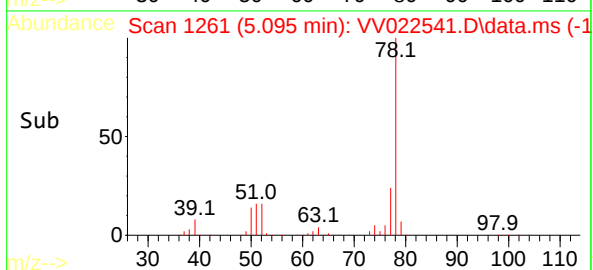
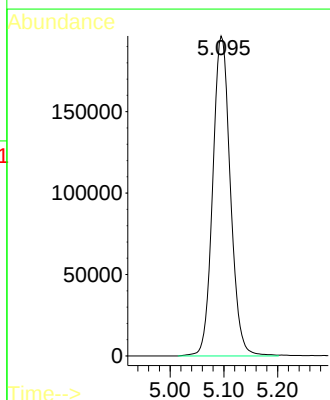
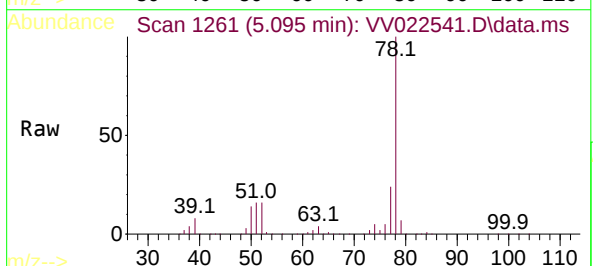
Manual Integrations
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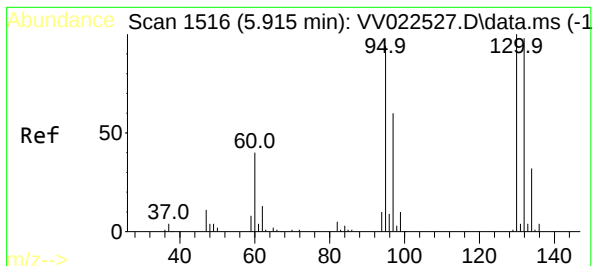
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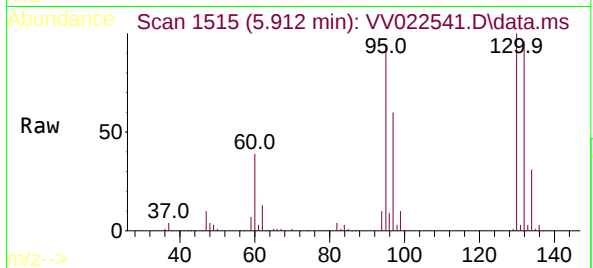
#33
Benzene
Concen: 49.008 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.007 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion: 78 Resp: 447959

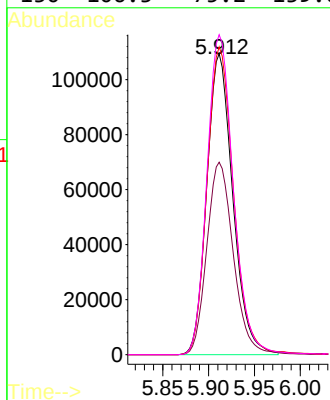
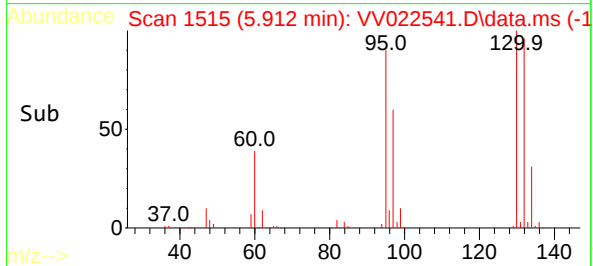




#34
Trichloroethene
Concen: 90.438 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. -0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58



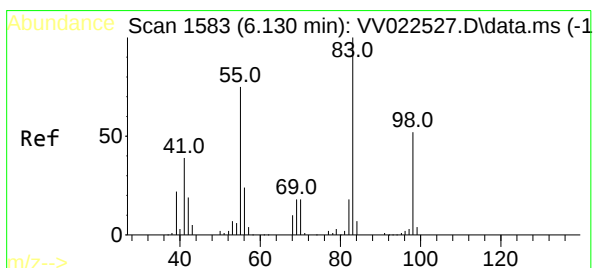
Tgt Ion: 95 Resp: 215839
Ion Ratio Lower Upper
95 100
97 64.0 45.4 84.4
132 102.3 71.5 132.9
130 106.3 75.2 139.6



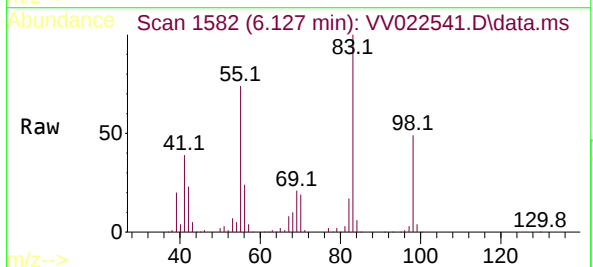
Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS

Manual Integrations
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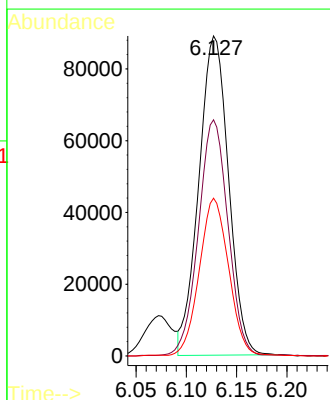
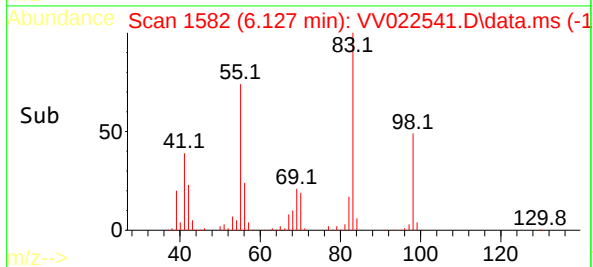
MMDadoda
10/6/2021 2:30:18 PM

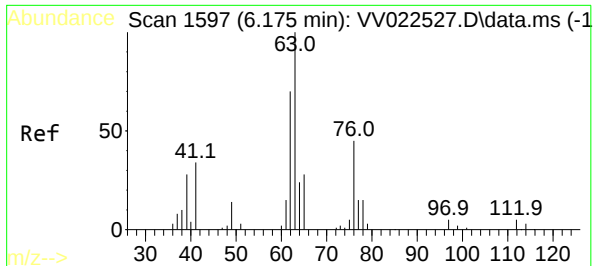


#35
Methylcyclohexane
Concen: 50.643 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58



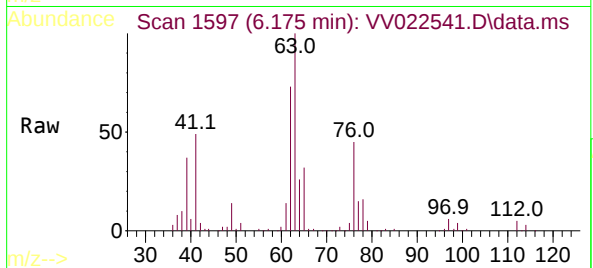
Tgt Ion: 83 Resp: 183265
Ion Ratio Lower Upper
83 100
55 73.3 56.7 85.1
98 48.6 40.6 60.8





#37
1,2-Dichloropropane
Concen: 47.618 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

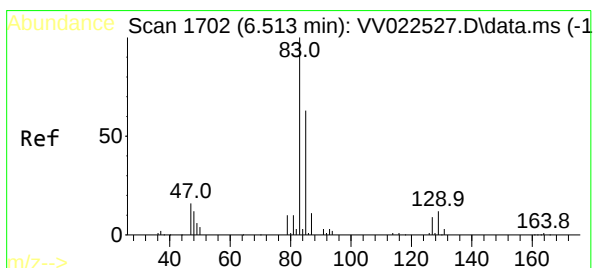
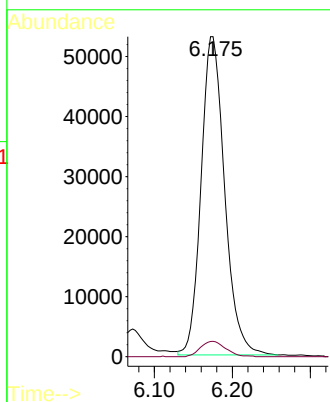
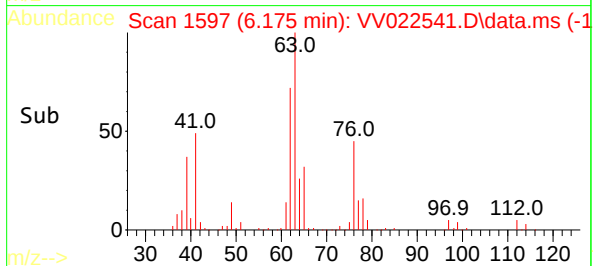
Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS



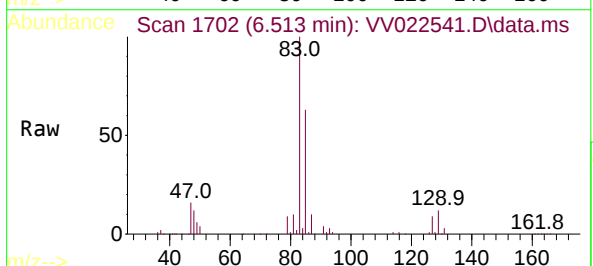
Tgt Ion: 63 Resp: 111440
Ion Ratio Lower Upper
63 100
112 5.1 4.1 6.1

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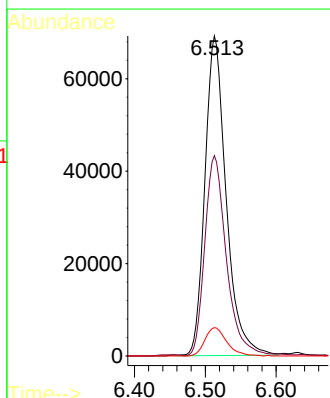
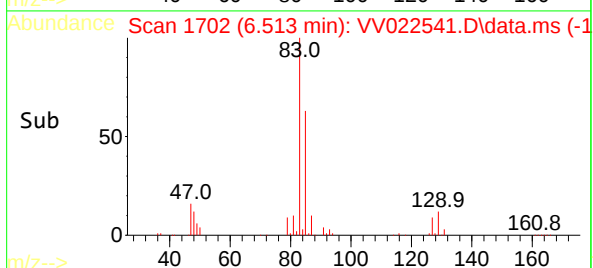
MMDadoda
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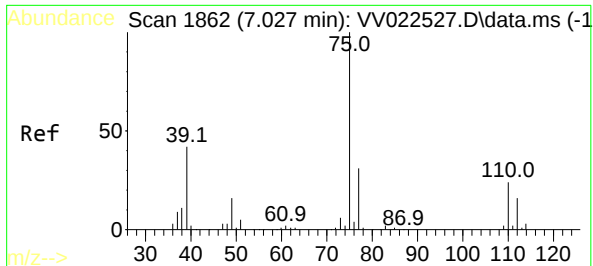


#38
Bromodichloromethane
Concen: 47.261 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58



Tgt Ion: 83 Resp: 143670
Ion Ratio Lower Upper
83 100
85 62.6 46.3 86.1
127 8.9 7.5 11.3





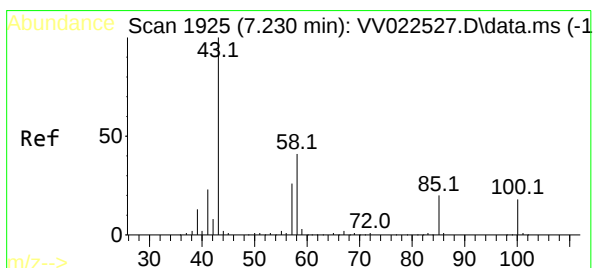
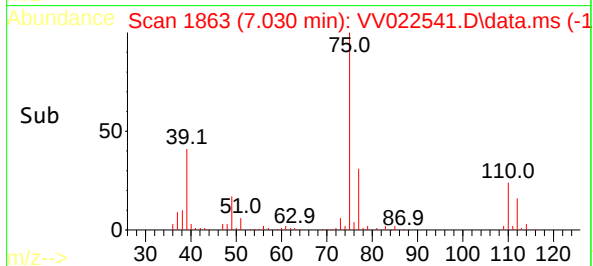
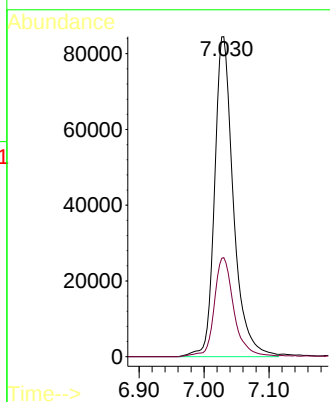
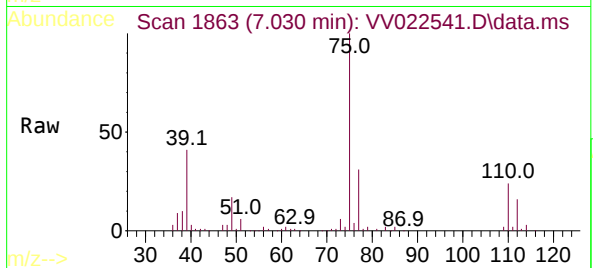
#39
 cis-1,3-Dichloropropene
 Concen: 48.240 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. 0.003 min
 Lab File: VV022541.D
 Acq: 03 Oct 2021 03:58

Tgt Ion: 75 Resp: 169785
 Ion Ratio Lower Upper
 75 100
 77 31.0 21.6 40.2

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Y9MEMS

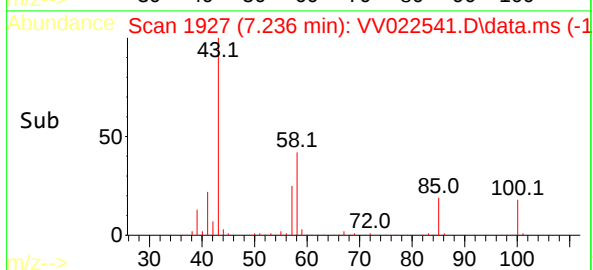
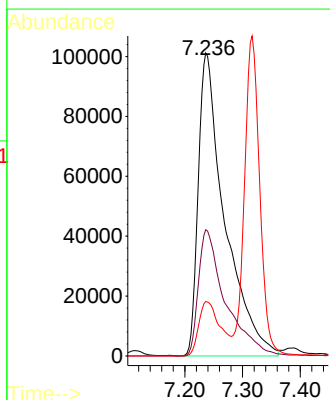
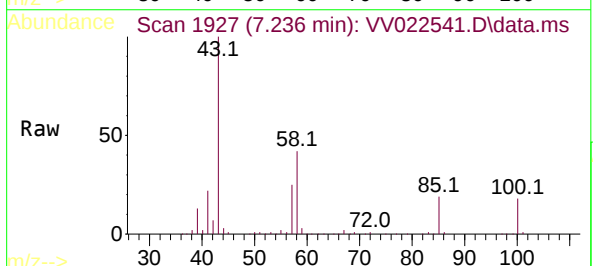
Manual Integrations
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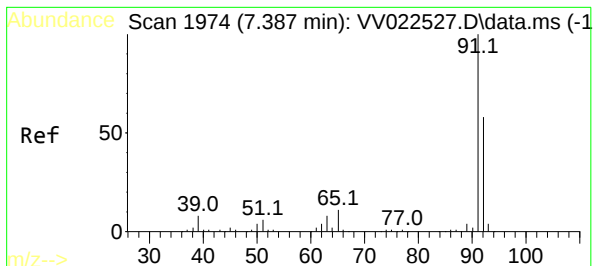
MMDadoda
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#40
 4-Methyl-2-pentanone
 Concen: 97.964 ug/L
 RT: 7.236 min Scan# 1927
 Delta R.T. 0.006 min
 Lab File: VV022541.D
 Acq: 03 Oct 2021 03:58

Tgt Ion: 43 Resp: 322139
 Ion Ratio Lower Upper
 43 100
 58 42.5 32.5 48.7
 100 14.7 13.9 20.9





#42

Toluene

Concen: 49.990 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV022541.D

Acq: 03 Oct 2021 03:58

Tgt Ion: 91 Resp: 481338

Ion Ratio Lower Upper

91 100

92 58.2 40.6 75.4

Instrument :

MSVOA_V

ClientSampleId :

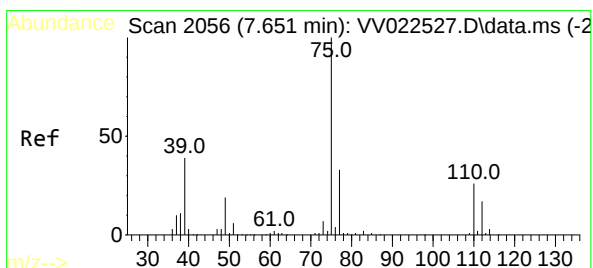
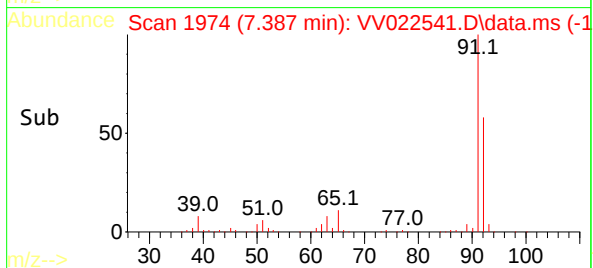
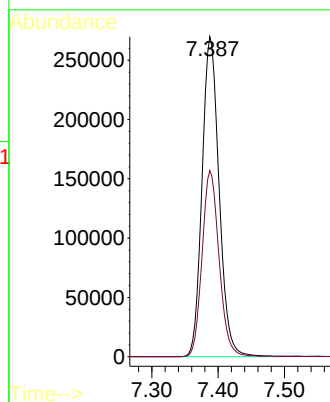
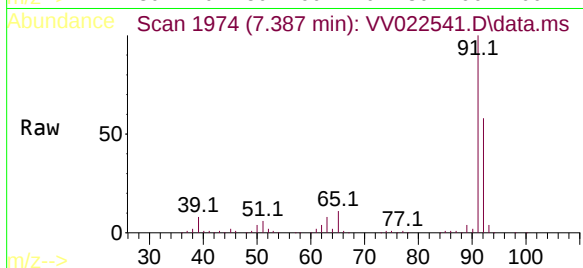
EW8Y9MEMS

Manual Integrations

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#44

trans-1,3-Dichloropropene

Concen: 47.832 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV022541.D

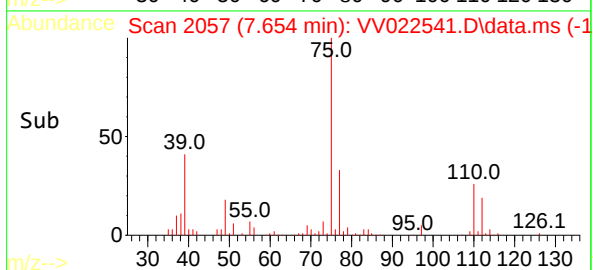
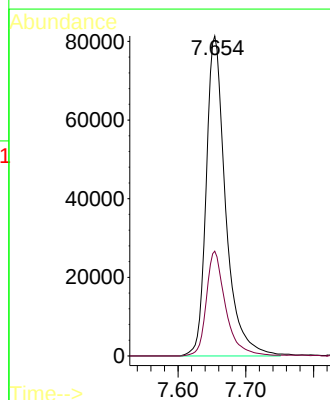
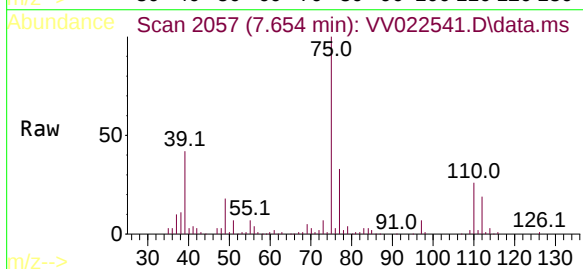
Acq: 03 Oct 2021 03:58

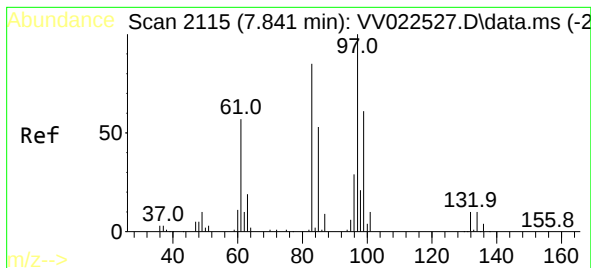
Tgt Ion: 75 Resp: 162087

Ion Ratio Lower Upper

75 100

77 32.7 22.0 40.8





#45

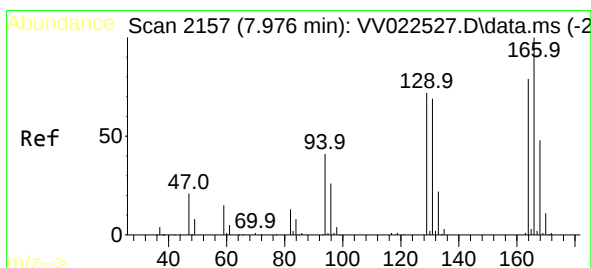
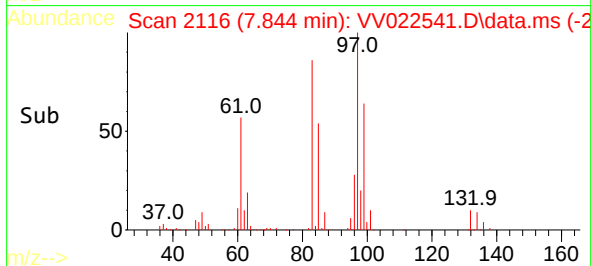
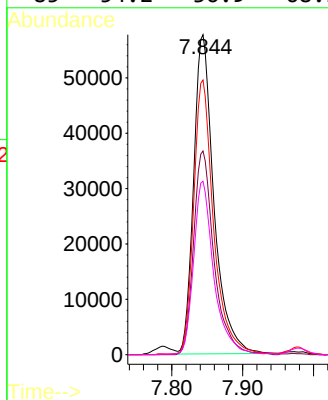
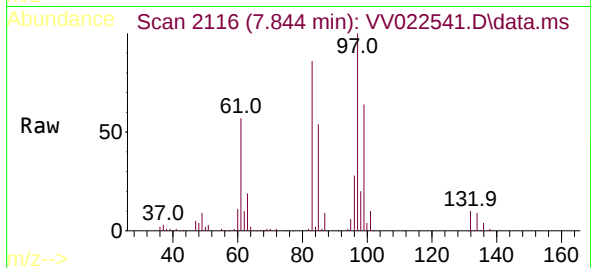
1,1,2-Trichloroethane
Concen: 47.332 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion:	97	Resp:	114665
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.1	80.1
83	85.9	58.6	108.8
85	54.2	36.9	68.5

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS

Manual Integrations
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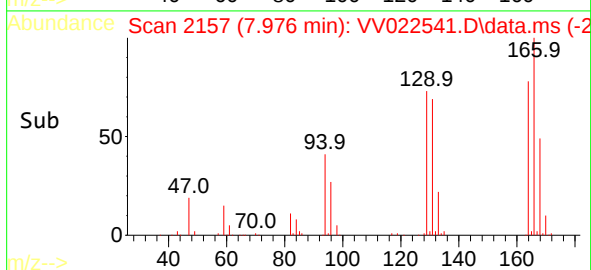
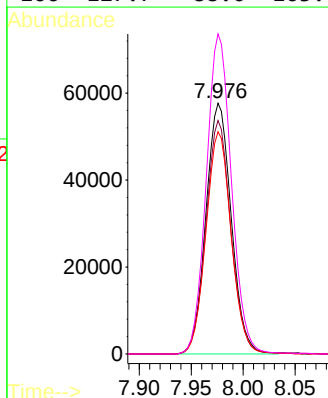
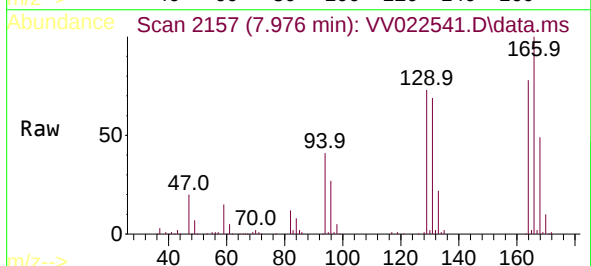
MMDadoda
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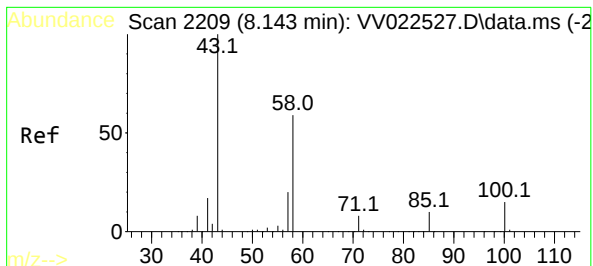


#46

Tetrachloroethene
Concen: 48.972 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion:	164	Resp:	97845
Ion	Ratio	Lower	Upper
164	100		
129	93.1	64.6	120.0
131	88.7	59.9	111.3
166	127.7	88.0	163.4





#48
2-Hexanone
Concen: 96.604 ug/L
RT: 8.156 min Scan# 2213
Delta R.T. 0.013 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

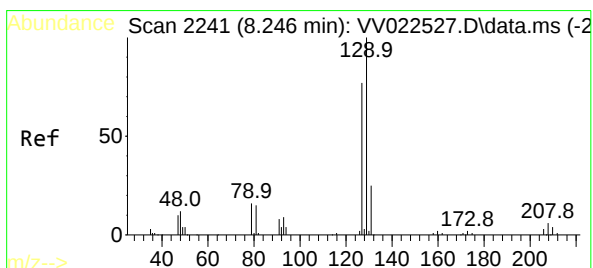
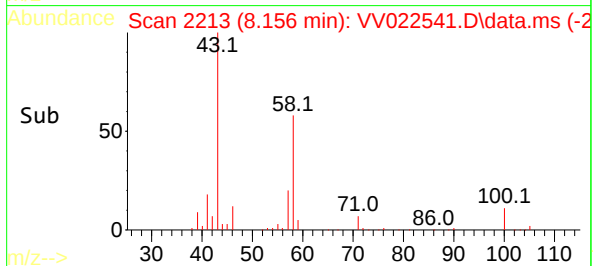
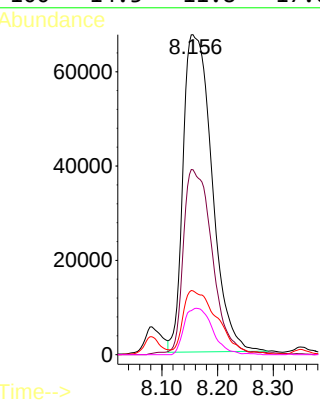
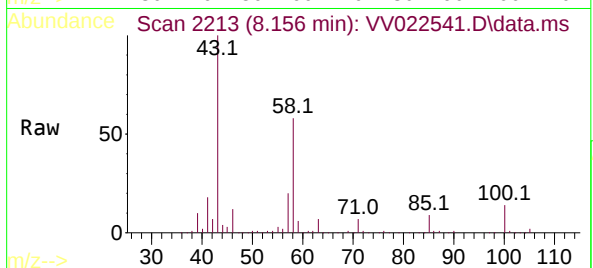
Tgt Ion: 43 Resp: 242960

Ion	Ratio	Lower	Upper
43	100		
58	56.6	47.0	70.4
57	23.2	15.8	23.6
100	14.3	11.8	17.6

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS

Manual Integrations
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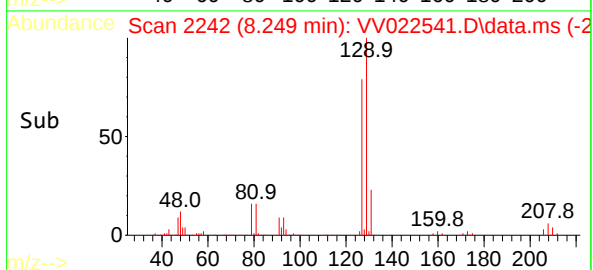
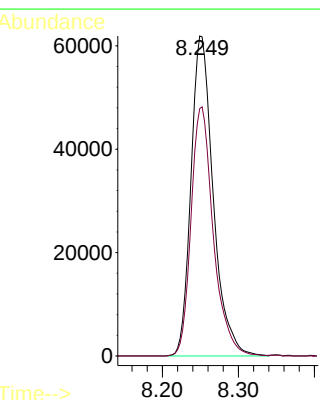
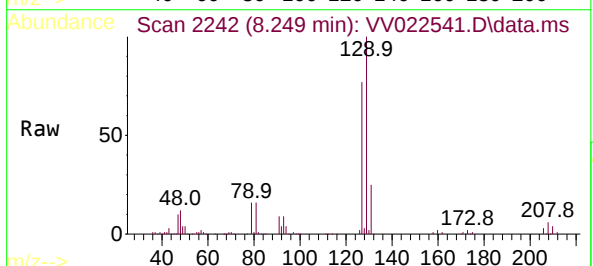
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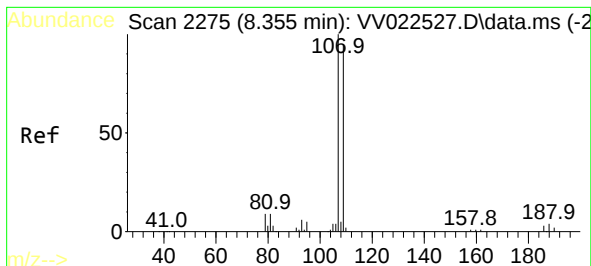


#49
Dibromochloromethane
Concen: 48.014 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion: 129 Resp: 125874

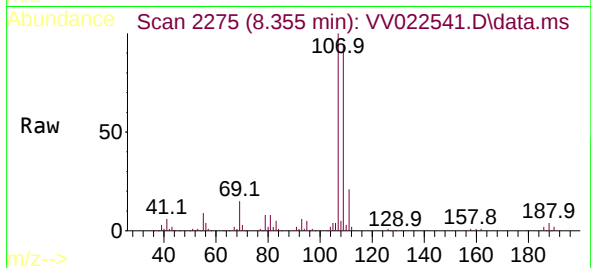
Ion	Ratio	Lower	Upper
129	100		
127	77.3	53.5	99.5





#50
1,2-Dibromoethane
Concen: 48.727 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

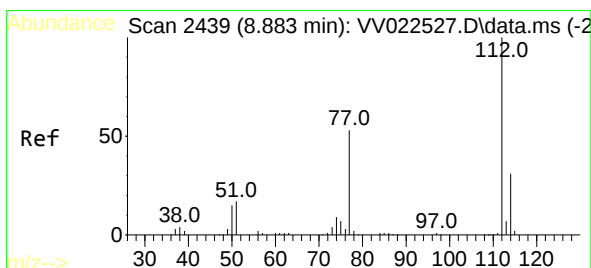
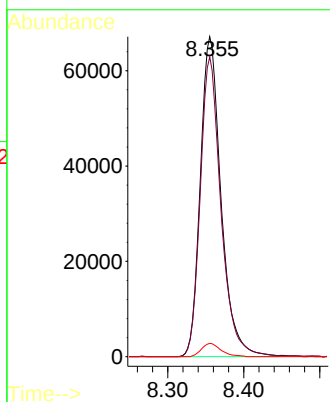
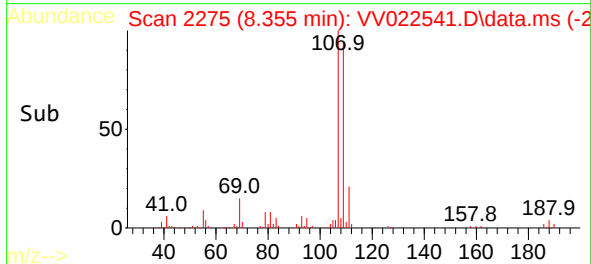
Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS



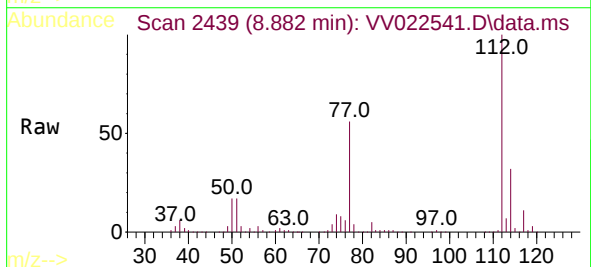
Tgt Ion:107 Resp: 127095
Ion Ratio Lower Upper
107 100
109 93.7 64.8 120.3
188 4.1 3.2 4.8

Manual Integrations
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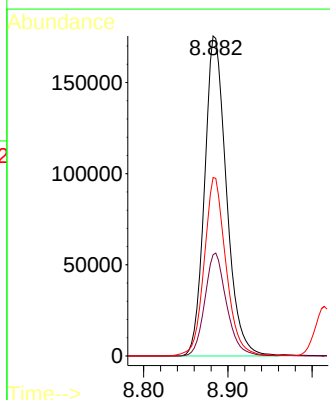
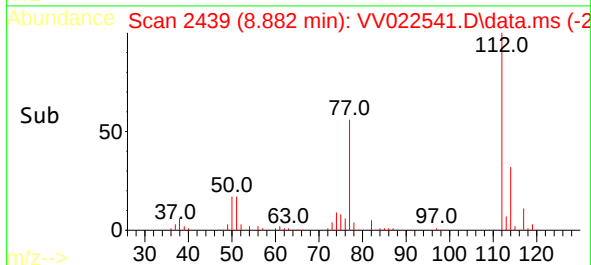
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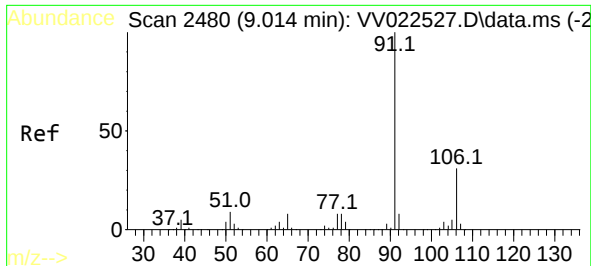


#51
Chlorobenzene
Concen: 49.541 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58



Tgt Ion:112 Resp: 317281
Ion Ratio Lower Upper
112 100
114 31.7 22.0 40.8
77 55.8 44.0 66.0





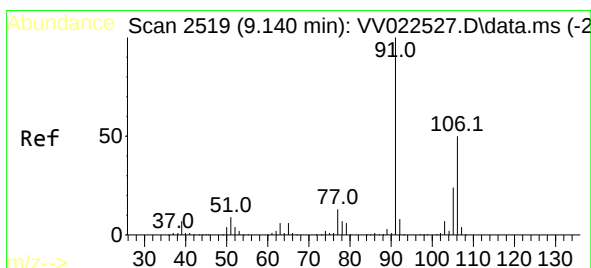
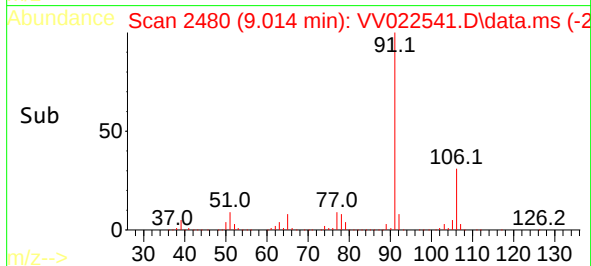
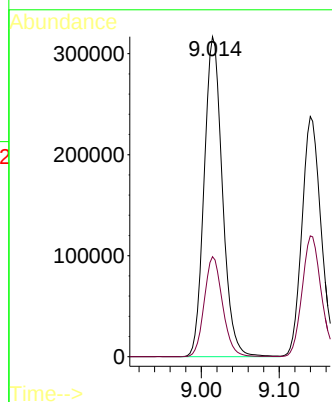
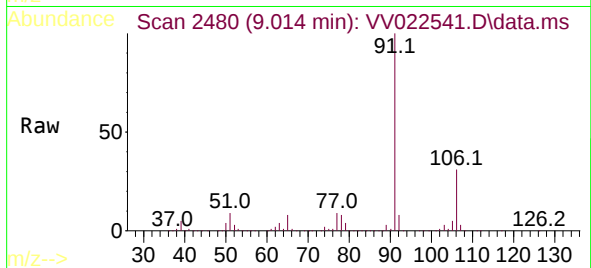
#52
Ethylbenzene
Concen: 51.511 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion: 91 Resp: 516199
Ion Ratio Lower Upper
91 100
106 31.2 22.0 41.0

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS

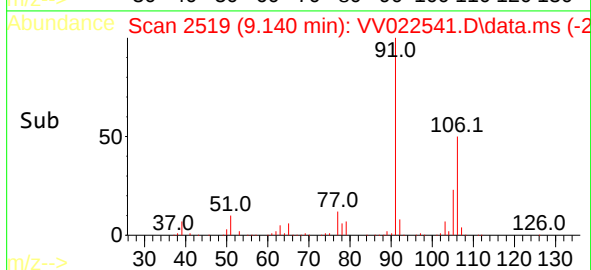
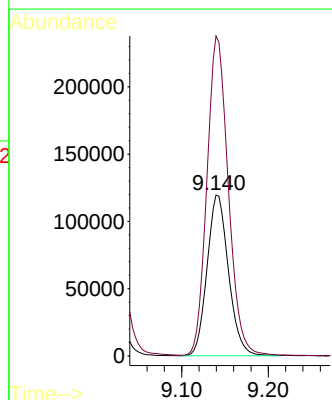
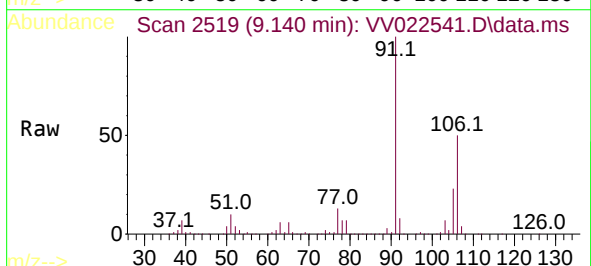
Manual Integrations
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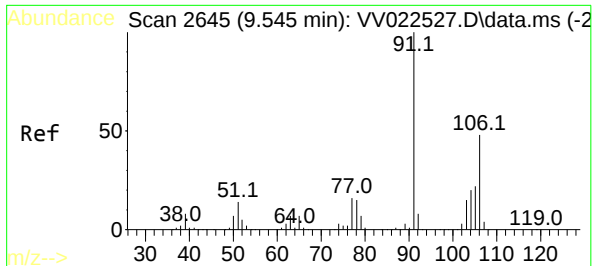
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#53
m,p-Xylene
Concen: 51.784 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

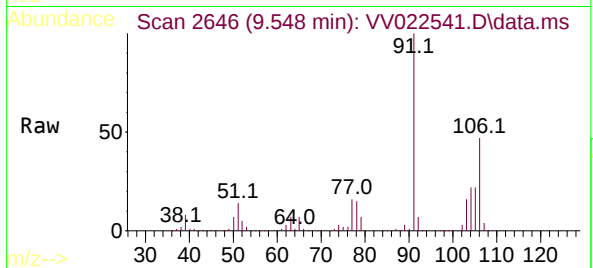
Tgt Ion: 106 Resp: 205598
Ion Ratio Lower Upper
106 100
91 198.7 139.4 258.8





#54
o-Xylene
Concen: 51.788 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

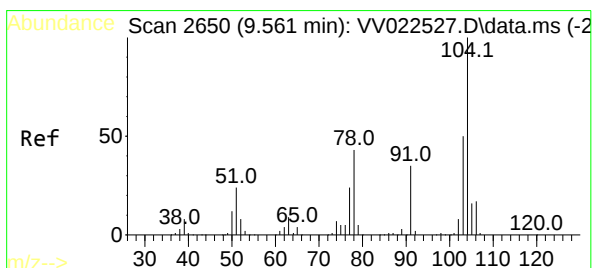
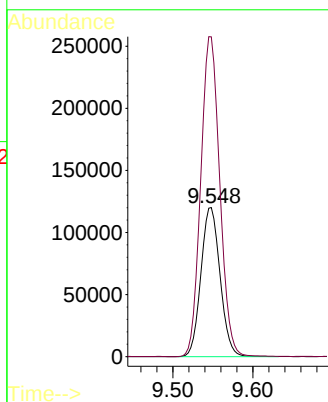
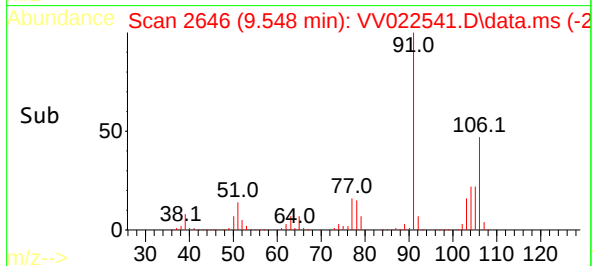
Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS



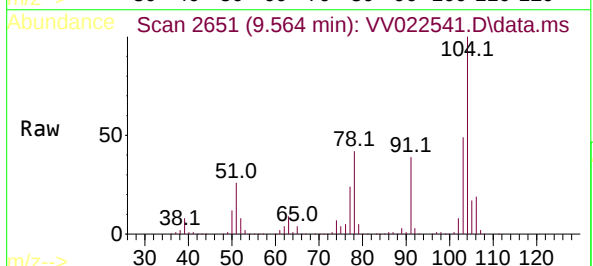
Tgt Ion:106 Resp: 200324
Ion Ratio Lower Upper
106 100
91 214.5 148.7 276.1

Manual Integrations
APPROVED

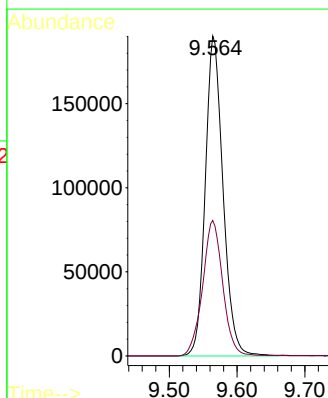
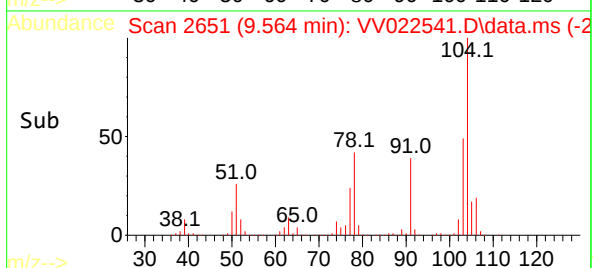
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10/6/2021 2:30:18 PM

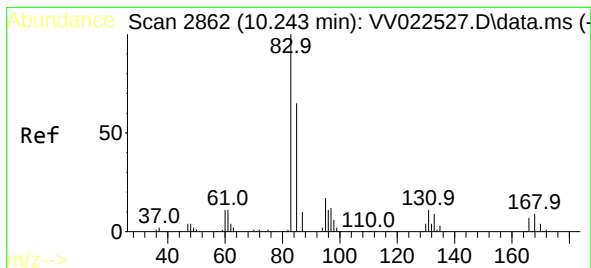


#55
Styrene
Concen: 52.238 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

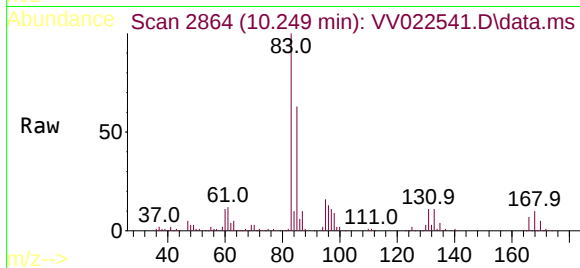


Tgt Ion:104 Resp: 346768
Ion Ratio Lower Upper
104 100
78 42.3 30.6 56.8

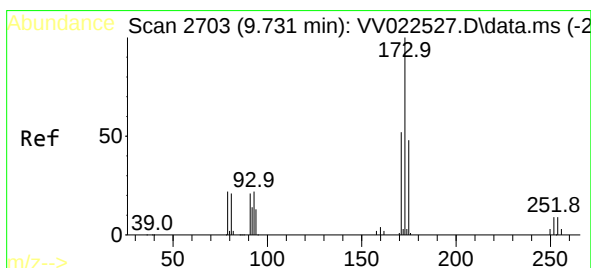
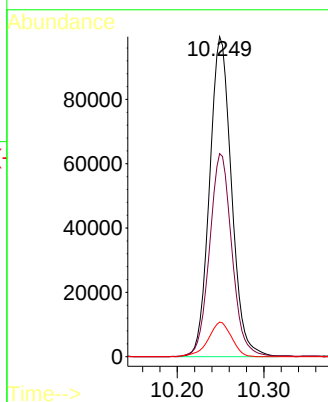
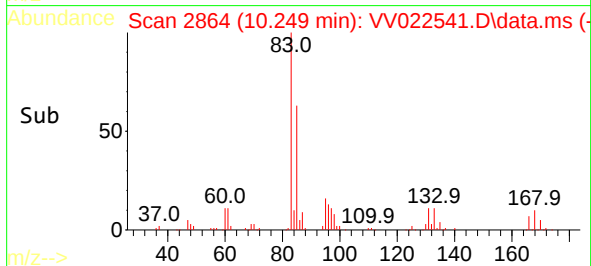




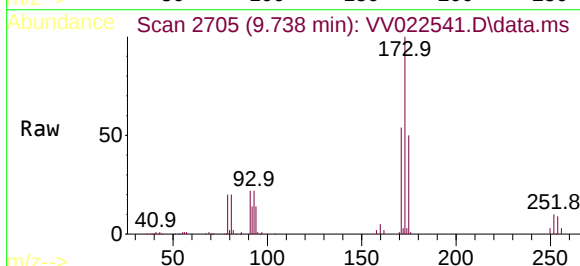
#57
1,1,2,2-Tetrachloroethane
Concen: 46.763 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.006 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58



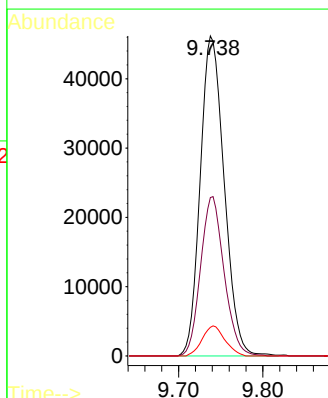
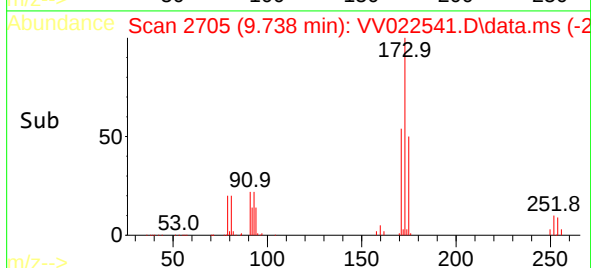
Tgt Ion: 83 Resp: 175092
Ion Ratio Lower Upper
83 100
85 63.5 45.2 84.0
131 10.8 8.2 12.4



#59
Bromoform
Concen: 46.771 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.006 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58



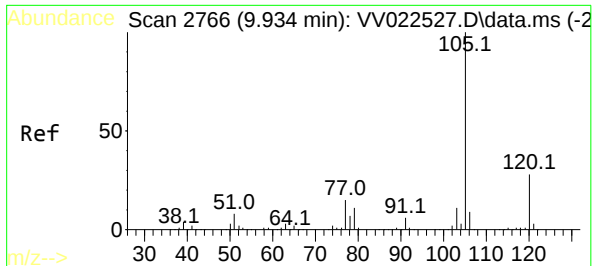
Tgt Ion: 173 Resp: 91361
Ion Ratio Lower Upper
173 100
175 48.8 38.3 57.5
254 8.9 7.0 10.6



Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS

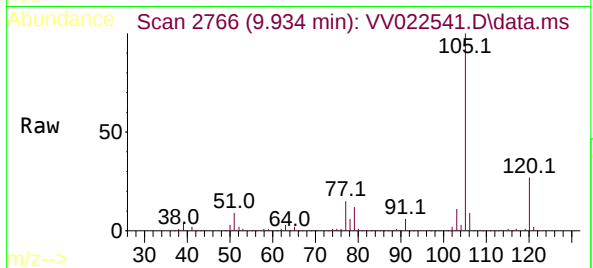
Manual Integrations
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#60
Isopropylbenzene
Concen: 52.770 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

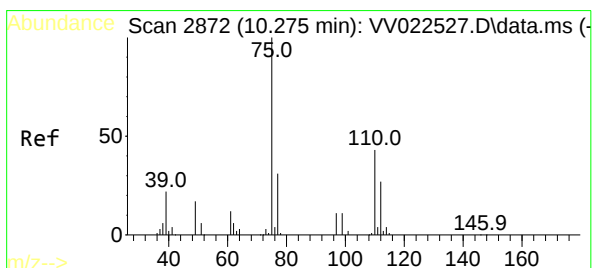
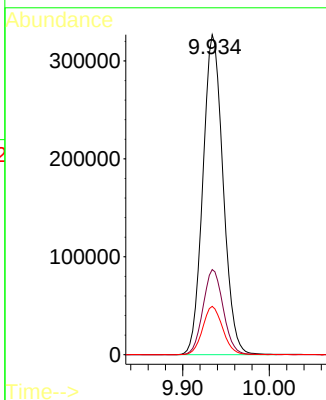
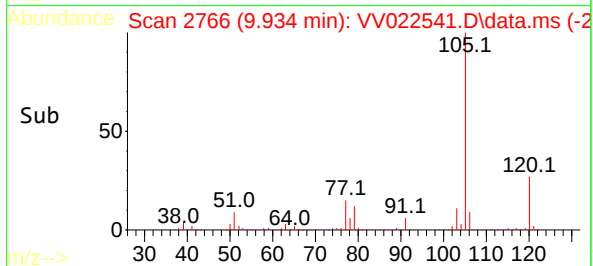
Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS



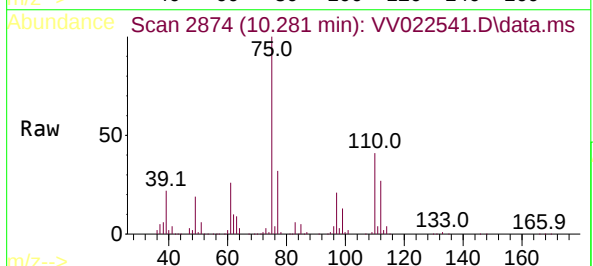
Tgt Ion:105 Resp: 530385
Ion Ratio Lower Upper
105 100
120 26.6 21.6 32.4
77 14.9 12.0 18.0

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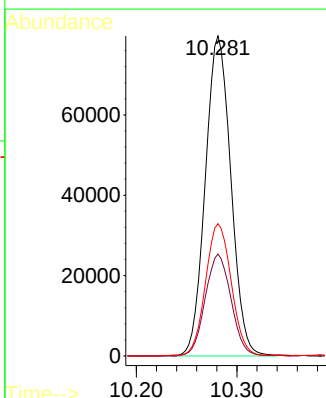
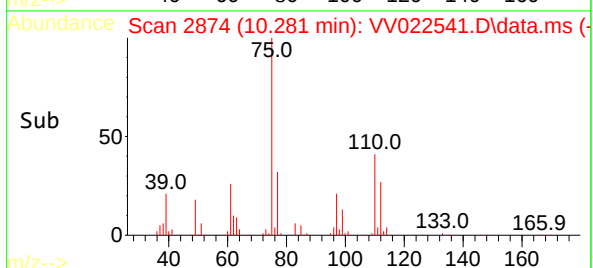
MMDadoda
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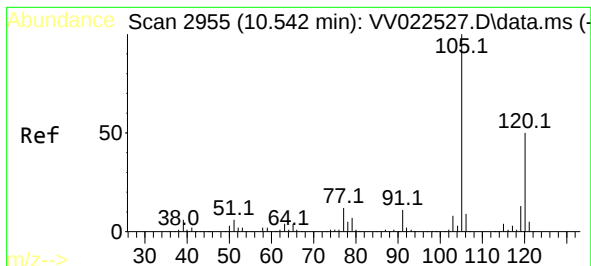


#61
1,2,3-Trichloropropane
Concen: 46.817 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.006 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58



Tgt Ion: 75 Resp: 140652
Ion Ratio Lower Upper
75 100
77 32.2 26.0 39.0
110 41.7 34.3 51.5





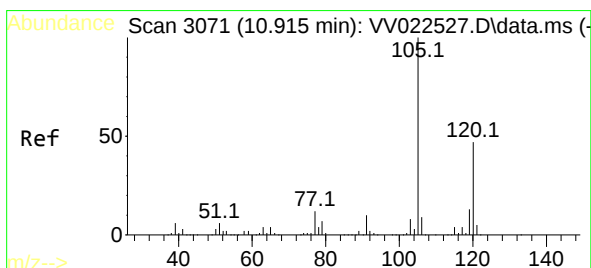
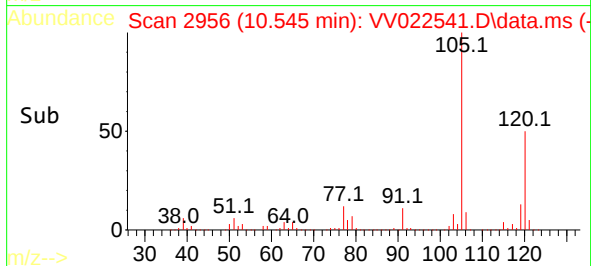
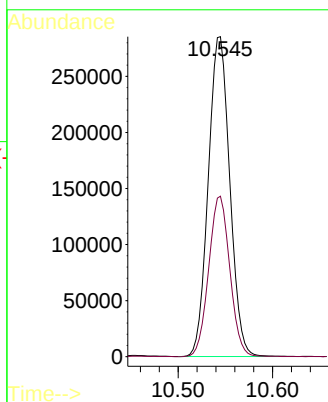
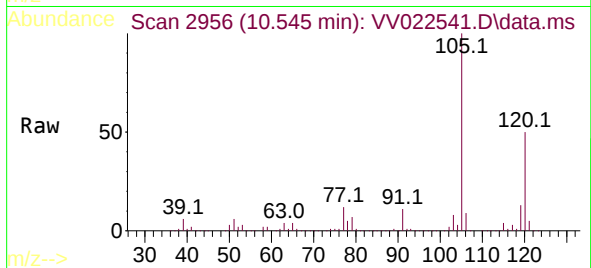
#62
1,3,5-Trimethylbenzene
Concen: 53.280 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion:105 Resp: 450885
Ion Ratio Lower Upper
105 100
120 49.2 39.7 59.5

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS

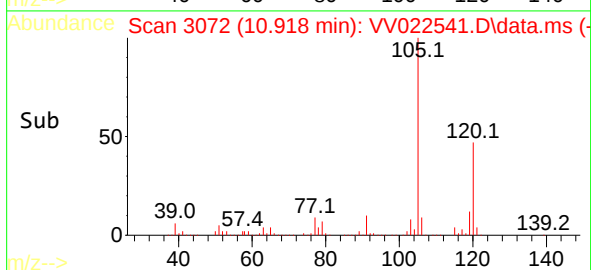
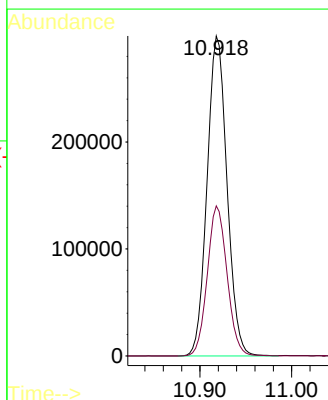
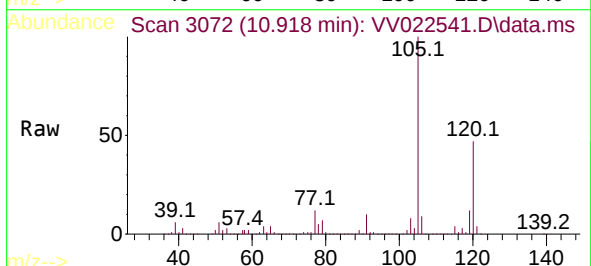
Manual Integrations
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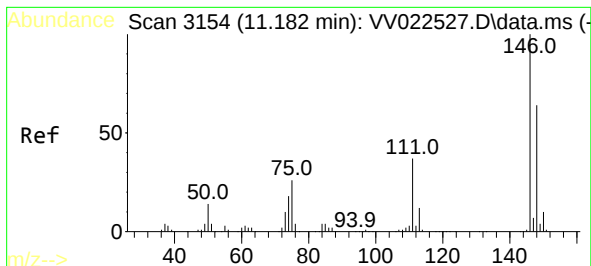
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#63
1,2,4-Trimethylbenzene
Concen: 53.738 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion:105 Resp: 452092
Ion Ratio Lower Upper
105 100
120 46.6 37.4 56.0





#64

1,3-Dichlorobenzene

Concen: 49.400 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.003 min

Lab File: VV022541.D

Acq: 03 Oct 2021 03:58

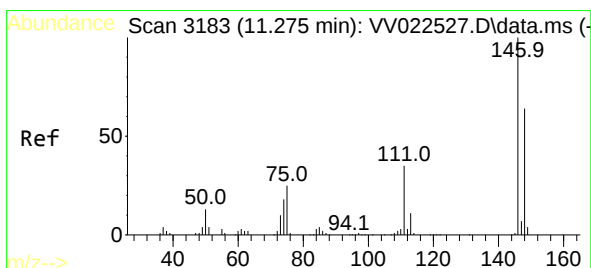
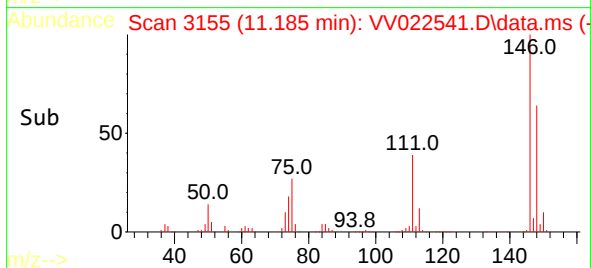
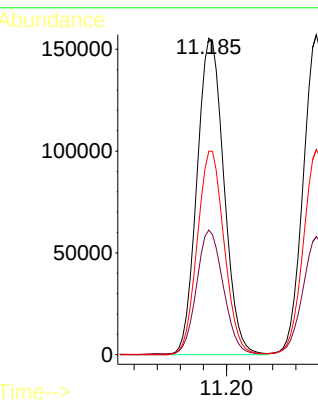
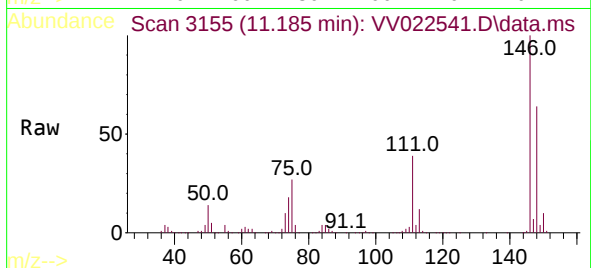
Tgt Ion:146 Resp: 251899

Ion Ratio Lower Upper

146 100

111 39.4 26.5 49.3

148 64.3 44.6 82.8



#65

1,4-Dichlorobenzene

Concen: 47.239 ug/L

RT: 11.278 min Scan# 3184

Delta R.T. 0.003 min

Lab File: VV022541.D

Acq: 03 Oct 2021 03:58

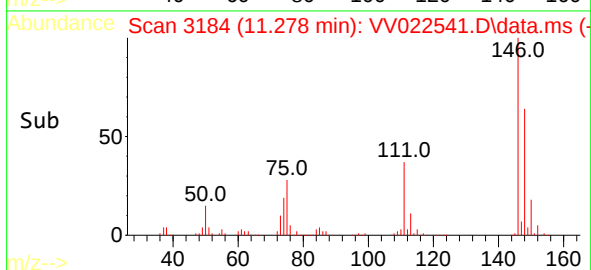
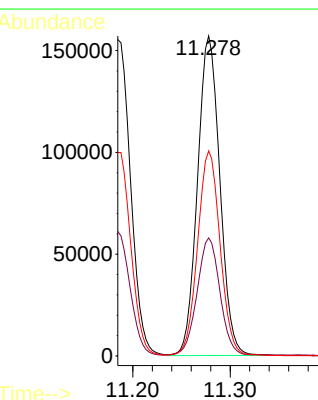
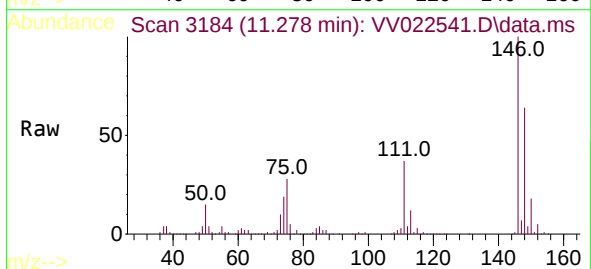
Tgt Ion:146 Resp: 250168

Ion Ratio Lower Upper

146 100

111 36.9 25.5 47.3

148 64.1 43.9 81.5



Instrument :

MSVOA_V

ClientSampled :

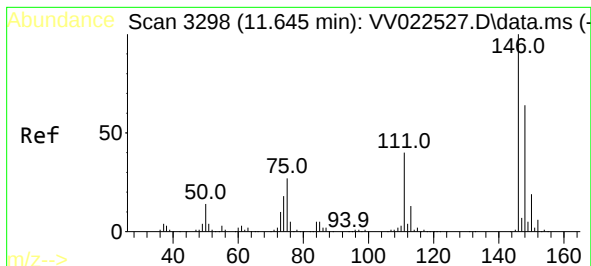
EW8Y9MEMS

Manual Integrations

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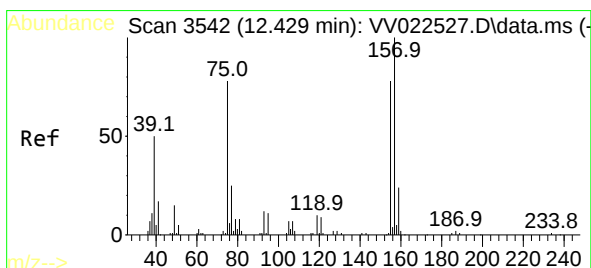
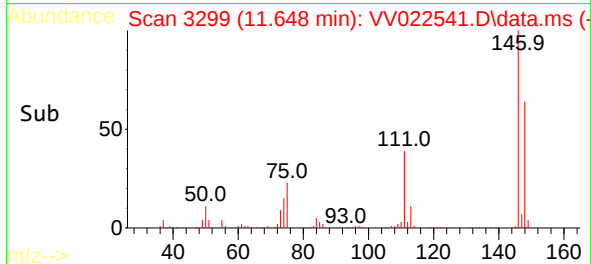
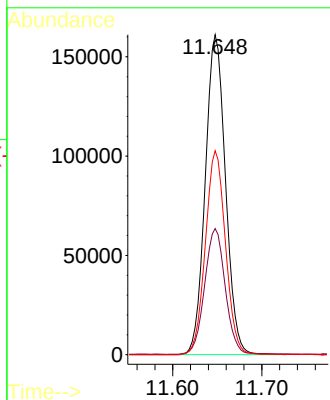
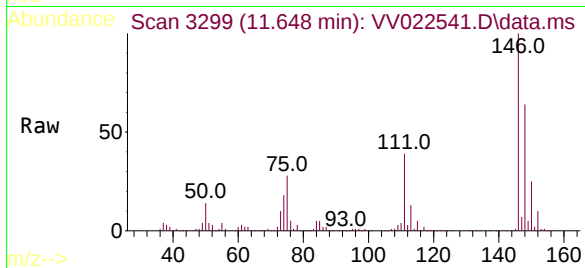
#67
1,2-Dichlorobenzene
Concen: 48.672 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion:146 Resp: 253630
Ion Ratio Lower Upper
146 100
111 39.4 31.6 47.4
148 63.8 50.4 75.6

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS

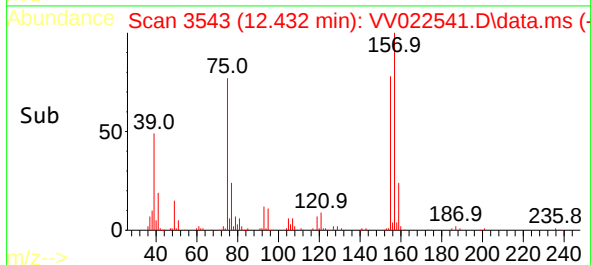
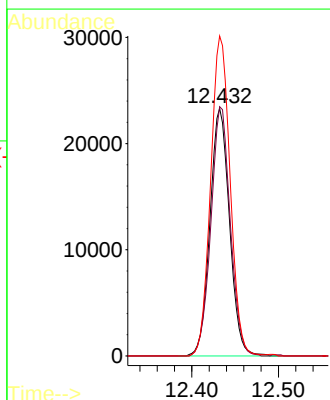
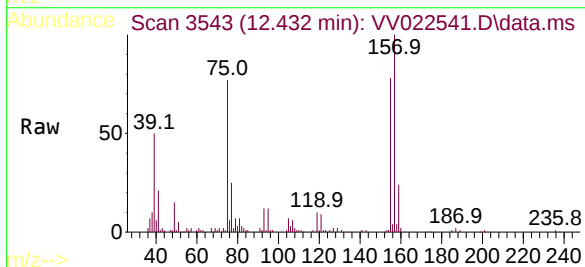
Manual Integrations
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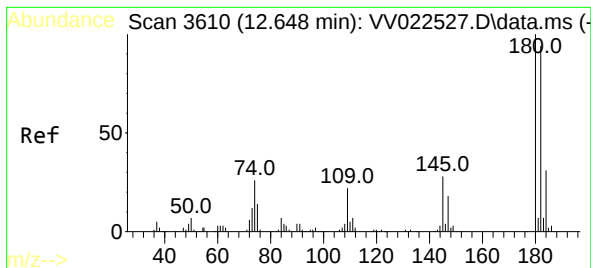
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#68
1,2-Dibromo-3-chloropropane
Concen: 44.391 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

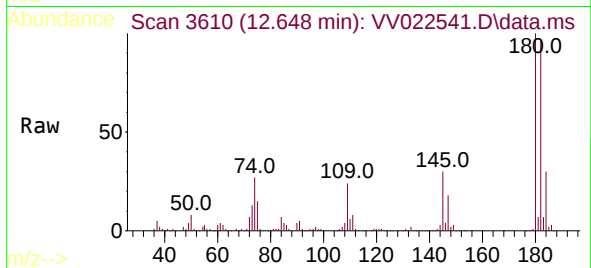
Tgt Ion: 75 Resp: 36539
Ion Ratio Lower Upper
75 100
155 100.7 79.1 118.7
157 129.2 104.2 156.2





#69
1,3,5-Trichlorobenzene
Concen: 48.792 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

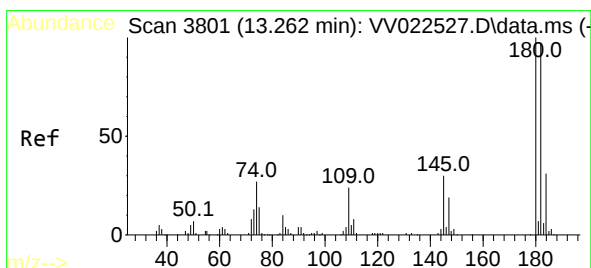
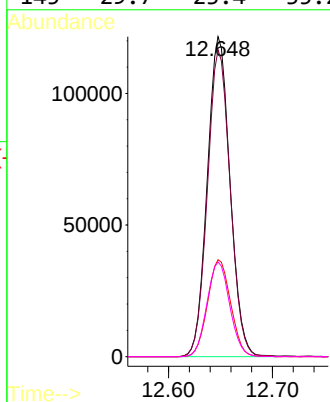
Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS



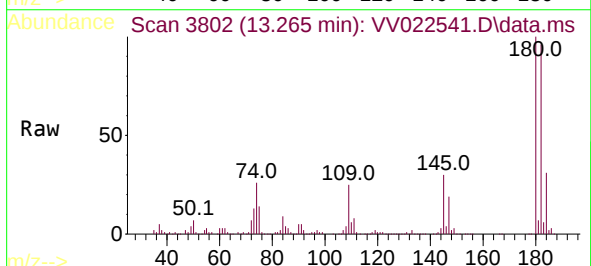
Tgt Ion:180 Resp: 184864
Ion Ratio Lower Upper
180 100
182 95.8 75.0 112.4
184 30.7 23.6 35.4
145 29.7 23.4 35.2

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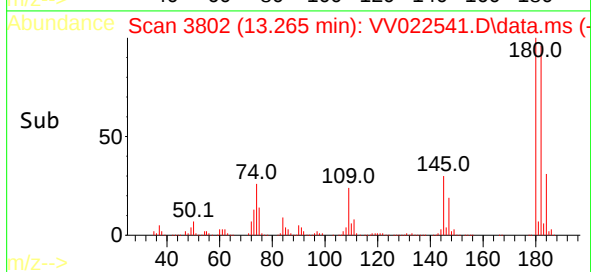
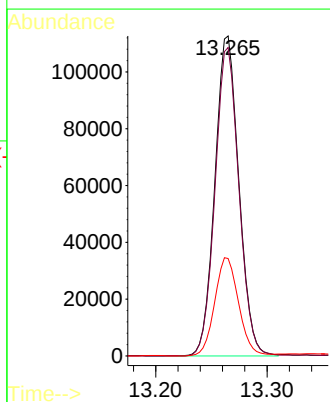
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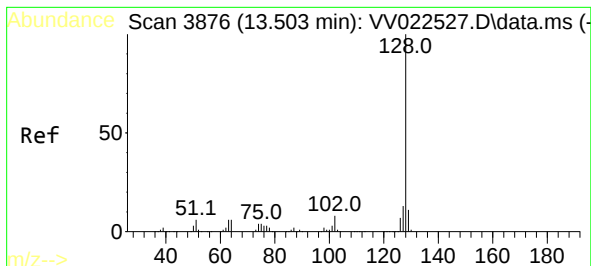


#70
1,2,4-trichlorobenzene
Concen: 49.490 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58



Tgt Ion:180 Resp: 168614
Ion Ratio Lower Upper
180 100
182 96.0 75.5 113.3
145 30.6 23.0 34.4





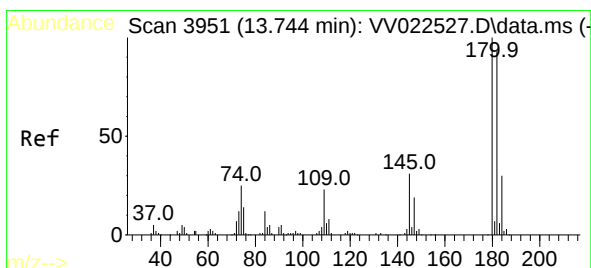
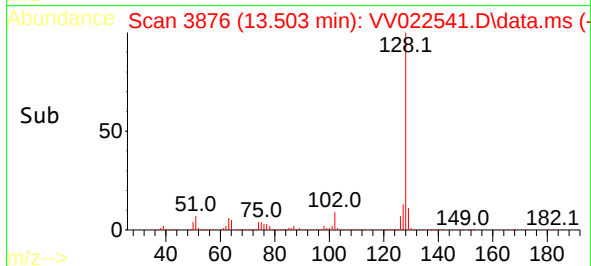
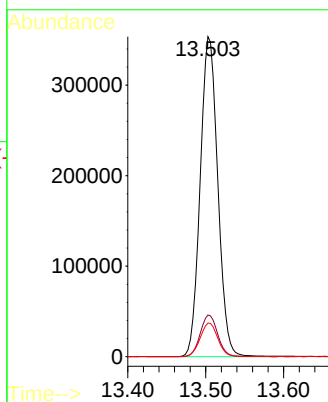
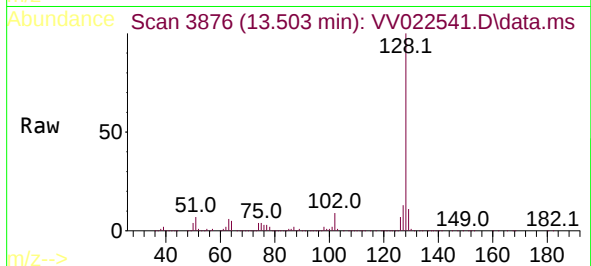
#71
Naphthalene
Concen: 49.433 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion:128 Resp: 554578
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.6 8.7 13.1

Instrument :
MSVOA_V
ClientSampleId :
EW8Y9MEMS

Manual Integrations
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#72
1,2,3-Trichlorobenzene
Concen: 48.396 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV022541.D
Acq: 03 Oct 2021 03:58

Tgt Ion:180 Resp: 170420
Ion Ratio Lower Upper
180 100
182 94.2 76.1 114.1
145 33.3 24.6 36.8

