

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090721\
 Data File : VV022107.D
 Acq On : 07 Sep 2021 17:00
 Operator : SY/MD
 Sample : M3651-09MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBKM3MSD

Manual Integrations
 APPROVED

Quant Time: Sep 08 01:18:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 08 01:14:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	364193	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	339749	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	175750	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	88549	35.109	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.220%
7) Chloroethane-d5	1.564	69	75292	38.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.460%
11) 1,1-Dichloroethene-d2	2.108	63	174832	41.915	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.840%
21) 2-Butanone-d5	3.892	46	181807	105.110	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.110%
24) Chloroform-d	4.352	84	201620	43.842	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.680%
26) 1,2-Dichloroethane-d4	5.034	65	120624	44.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.060%
32) Benzene-d6	5.053	84	389410	42.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.520%
36) 1,2-Dichloropropane-d6	6.072	67	126162	43.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.060%
41) Toluene-d8	7.316	98	357786	41.130	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.260%
43) trans-1,3-Dichloroprop...	7.622	79	57942	42.007	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.020%
47) 2-Hexanone-d5	8.091	63	122746	110.386	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.390%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	184929	49.825	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.640%
66) 1,2-Dichlorobenzene-d4	11.625	152	147399	42.662	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.320%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.127	85	92166	36.816	ug/L	100
3) Chloromethane	1.240	50	99086	37.379	ug/L	99
5) Vinyl chloride	1.307	62	104542	39.128	ug/L	99
6) Bromomethane	1.519	94	66795	41.582	ug/L	99
8) Chloroethane	1.584	64	66293	39.663	ug/L	100
9) Trichlorofluoromethane	1.751	101	159068	41.807	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	97475	43.679	ug/L	99
12) 1,1-Dichloroethene	2.114	96	92028	43.808	ug/L	93
13) Acetone	2.182	43	115389m	79.619	ug/L	
14) Carbon disulfide	2.291	76	237315	37.439	ug/L	100
15) Methyl Acetate	2.436	43	126453	44.805	ug/L	100
16) Methylene chloride	2.506	84	119912	42.604	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	105049	41.358	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	363230	45.002	ug/L	100
19) 1,1-Dichloroethane	3.191	63	201203	44.476	ug/L	99
20) cis-1,2-Dichloroethene	3.911	96	122279	43.254	ug/L	99
22) 2-Butanone	3.976	43	178971	87.853	ug/L	100
23) Bromochloromethane	4.252	128	66014	43.847	ug/L	97
25) Chloroform	4.378	83	208278	43.492	ug/L	99

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Manual Integrations
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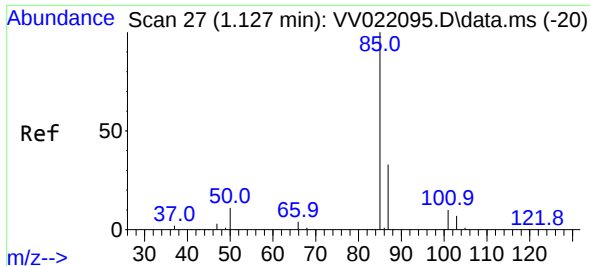
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 08 01:14:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	147536	45.960	ug/L	99
29) Cyclohexane	4.677	56	160141	42.165	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	181746	45.010	ug/L	99
31) Carbon tetrachloride	4.828	117	151028	43.534	ug/L	97
33) Benzene	5.101	78	443133	44.830	ug/L	100
34) Trichloroethene	5.915	95	117412	41.934	ug/L	97
35) Methylcyclohexane	6.133	83	165582	40.453	ug/L	98
37) 1,2-Dichloropropane	6.175	63	114542	44.703	ug/L	99
38) Bromodichloromethane	6.513	83	151173	46.135	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	179135	45.282	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	346545	99.762	ug/L	99
42) Toluene	7.390	91	476252	44.641	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	169136	45.938	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	119236	45.735	ug/L	98
46) Tetrachloroethene	7.976	164	91156	41.870	ug/L	98
48) 2-Hexanone	8.140	43	264530	98.147	ug/L	98
49) Dibromochloromethane	8.249	129	126331	45.269	ug/L	100
50) 1,2-Dibromoethane	8.355	107	127088	45.420	ug/L	97
51) Chlorobenzene	8.882	112	315067	43.925	ug/L	98
52) Ethylbenzene	9.014	91	506201	43.832	ug/L	99
53) m,p-Xylene	9.140	106	196462	43.767	ug/L	100
54) o-Xylene	9.545	106	198366	44.662	ug/L	96
55) Styrene	9.561	104	337052	44.468	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	188433	49.884	ug/L	99
59) Bromoform	9.734	173	90156	48.298	ug/L	98
60) Isopropylbenzene	9.934	105	512110	46.373	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	150568	49.432	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	424837	45.823	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	431577	45.798	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	245399	43.766	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	243152	42.379	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	250671	45.025	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	38548	52.510	ug/L	97
69) 1,3,5-Trichlorobenzene	12.647	180	174565	41.636	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	151065	40.959	ug/L	100
71) Naphthalene	13.503	128	563120	53.078	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	158961	44.188	ug/L	99

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

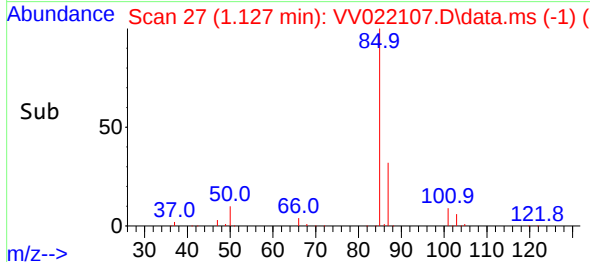
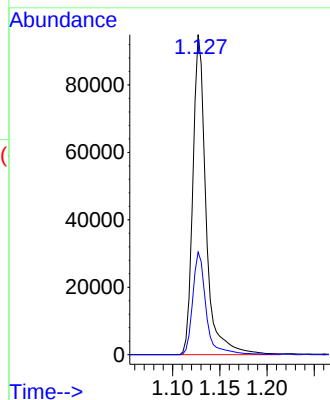
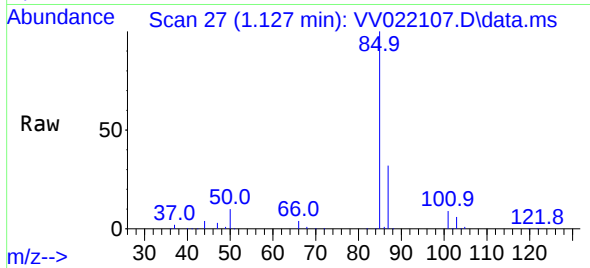


#2
Dichlorodifluoromethane
Concen: 36.816 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 85 Resp: 92166
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0

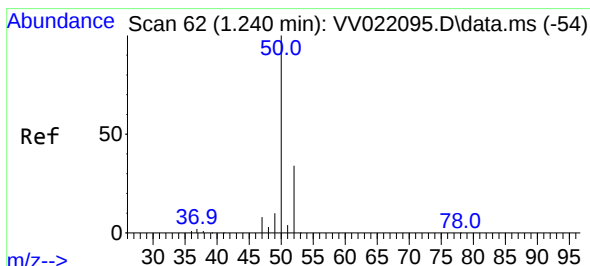
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ClientSampleId :
DBKM3MSD

Manual Integrations
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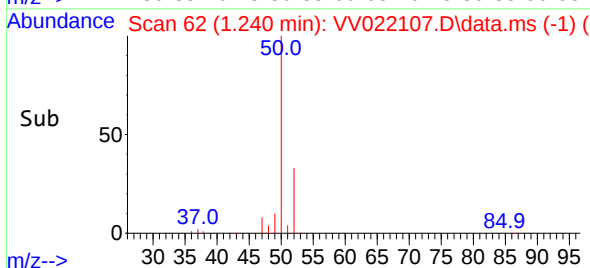
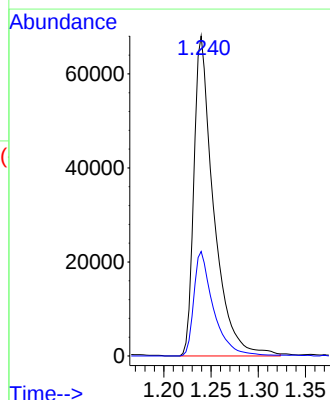
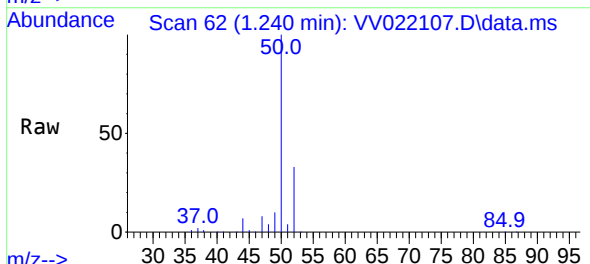
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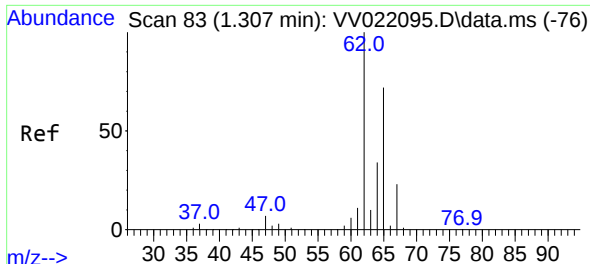
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#3
Chloromethane
Concen: 37.379 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 50 Resp: 99086
Ion Ratio Lower Upper
50 100
52 32.6 22.5 41.9



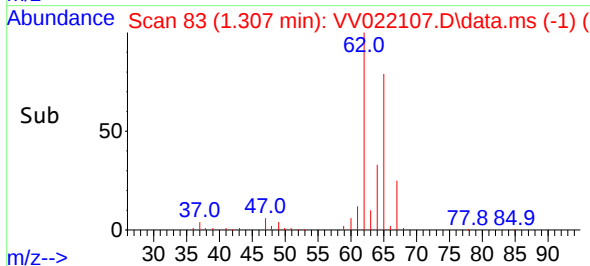
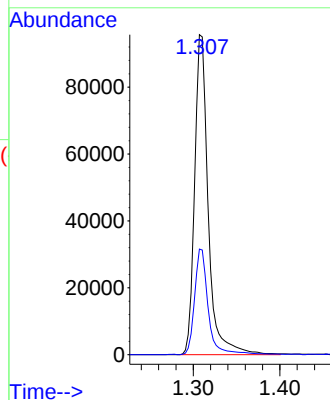
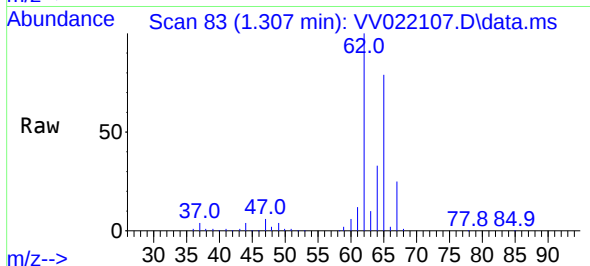


#5
 Vinyl chloride
 Concen: 39.128 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV022107.D
 Acq: 07 Sep 2021 17:00

Tgt Ion: 62 Resp: 104542
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.4 43.6

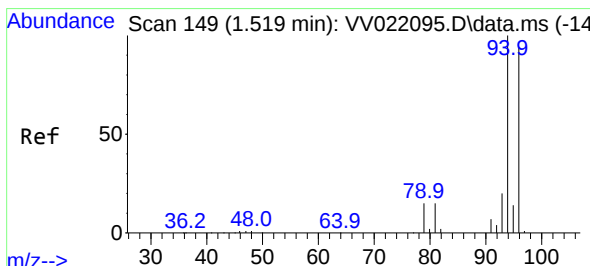
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Manual Integrations
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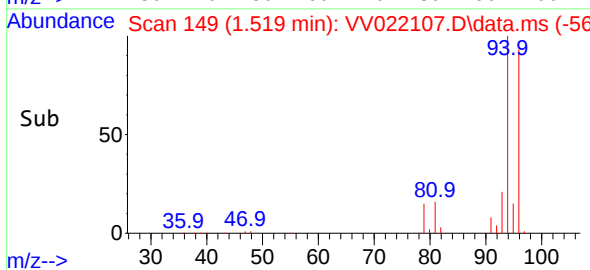
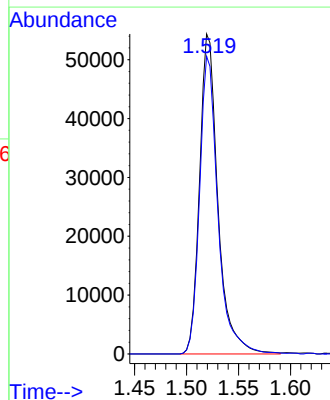
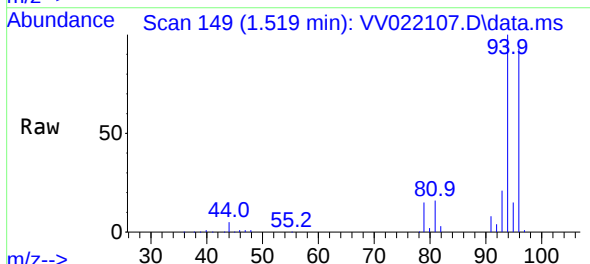
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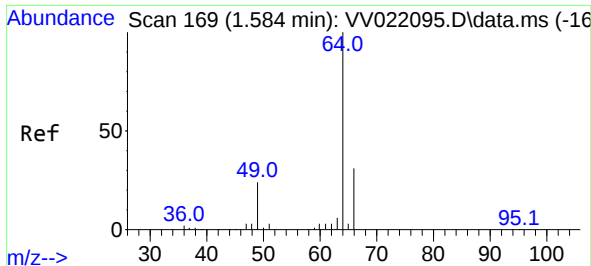
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#6
 Bromomethane
 Concen: 41.582 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV022107.D
 Acq: 07 Sep 2021 17:00

Tgt Ion: 94 Resp: 66795
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.8 122.2



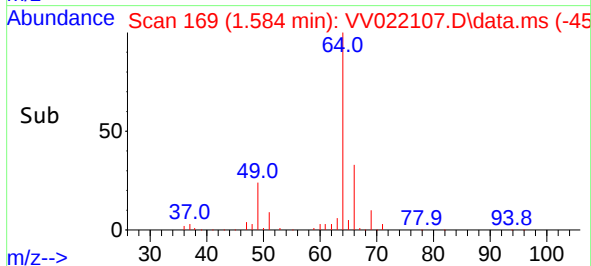
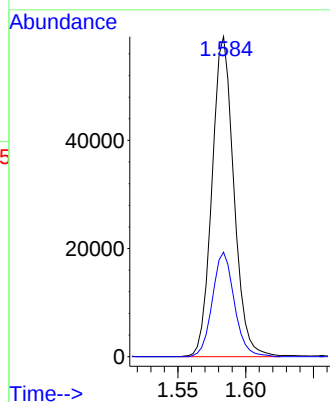
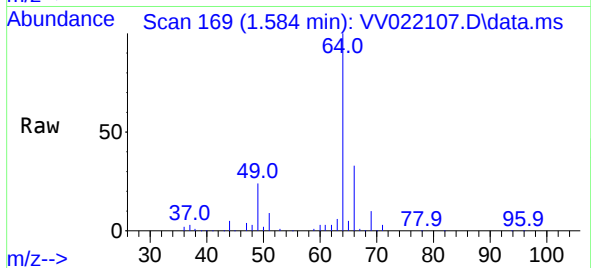


#8
Chloroethane
Concen: 39.663 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Instrument :
MSVOA_V
ClientSampleId :
DBKM3MSD

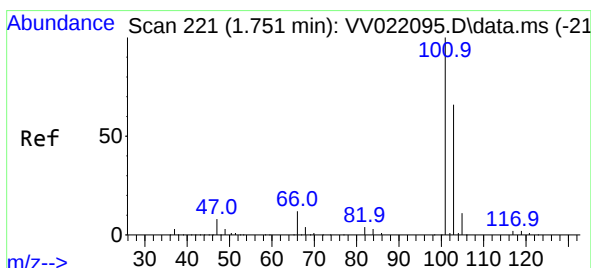
Tgt Ion: 64 Resp: 66293
Ion Ratio Lower Upper
64 100
66 32.6 22.7 42.3

Manual Integrations
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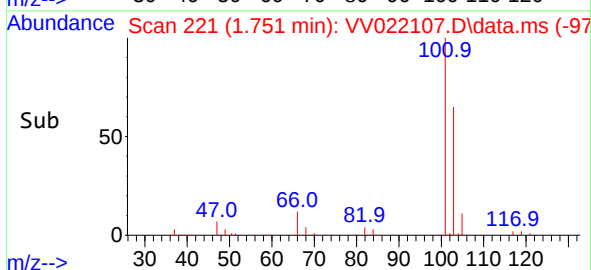
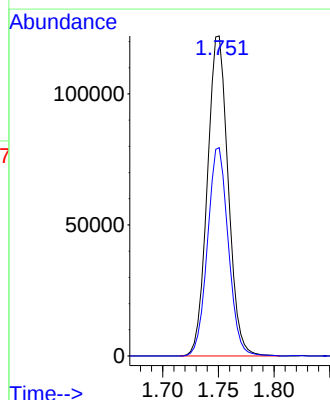
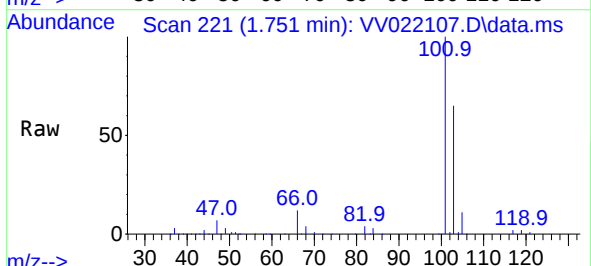
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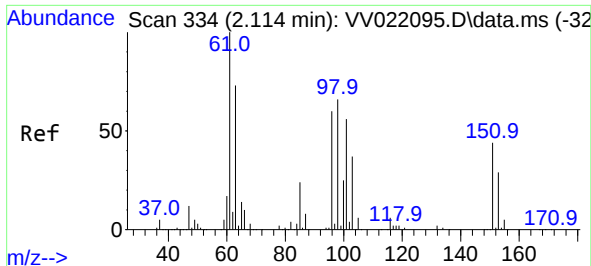
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#9
Trichlorofluoromethane
Concen: 41.807 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion:101 Resp: 159068
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0



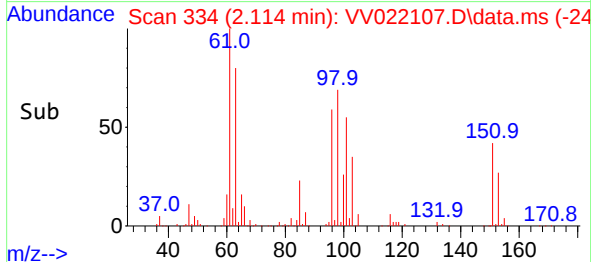
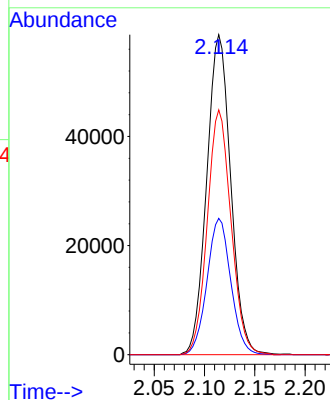
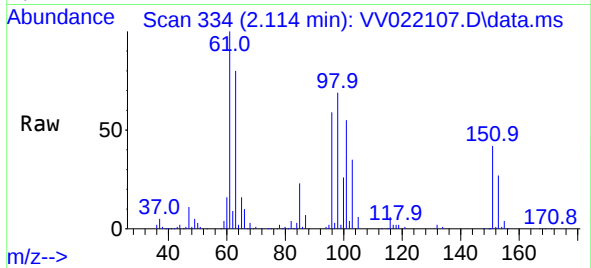


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 43.679 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 101 Resp: 97475
Ion Ratio Lower Upper
101 100
85 42.2 33.4 50.0
151 75.8 61.7 92.5

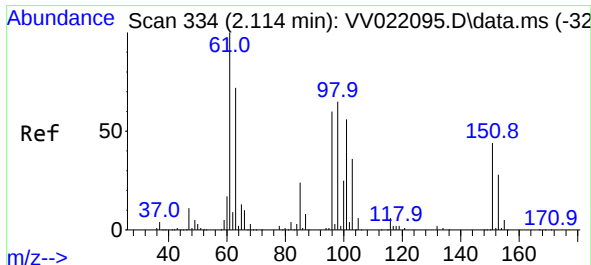
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ClientSampleId :
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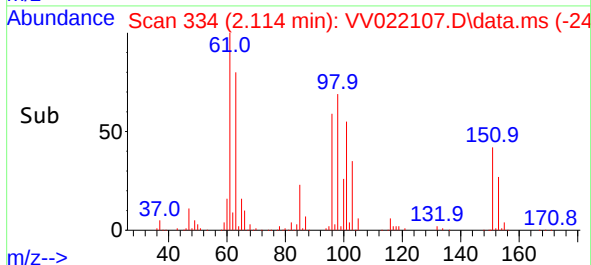
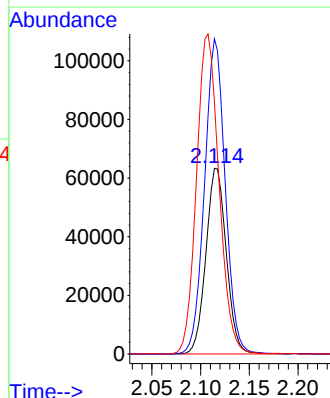
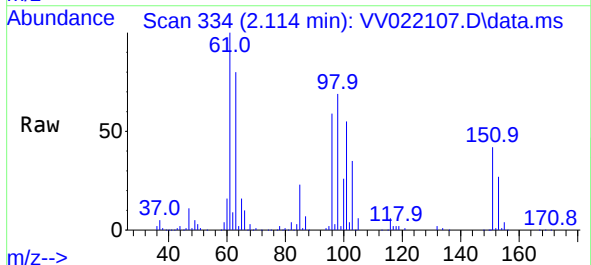
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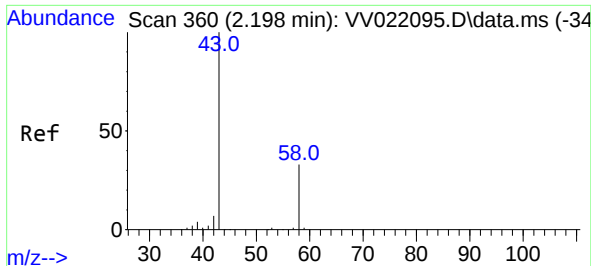
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#12
1,1-Dichloroethene
Concen: 43.808 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 96 Resp: 92028
Ion Ratio Lower Upper
96 100
61 169.8 113.2 210.2
63 135.8 102.3 189.9



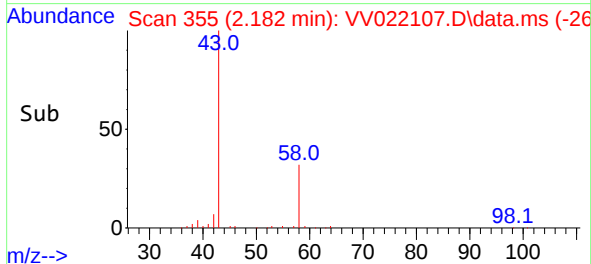
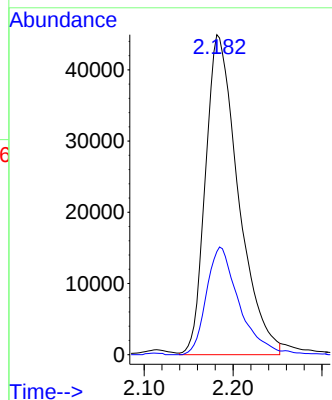
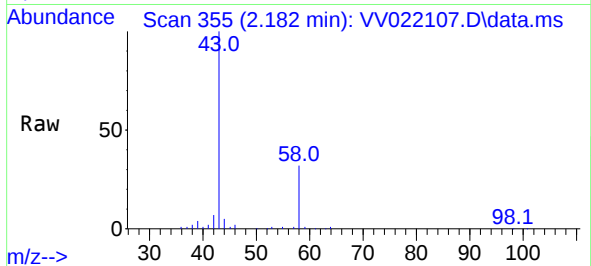


#13
Acetone
Concen: 79.619 ug/L m
RT: 2.182 min Scan# 355
Delta R.T. -0.016 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 43 Resp: 115389
Ion Ratio Lower Upper
43 100
58 0.0 0.0 0.4

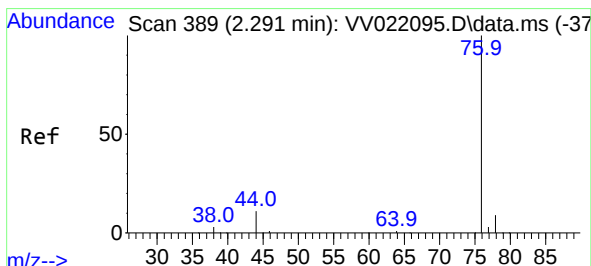
Instrument :
MSVOA_V
ClientSampled :
DBKM3MSD

Manual Integrations
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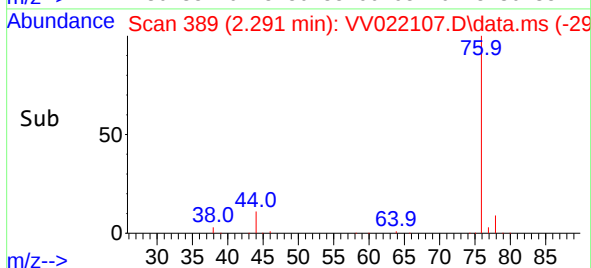
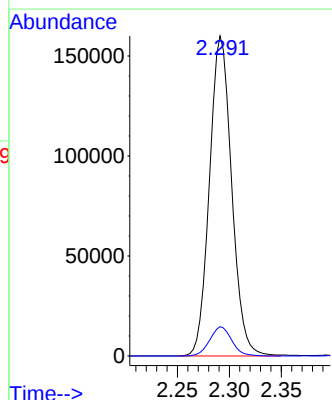
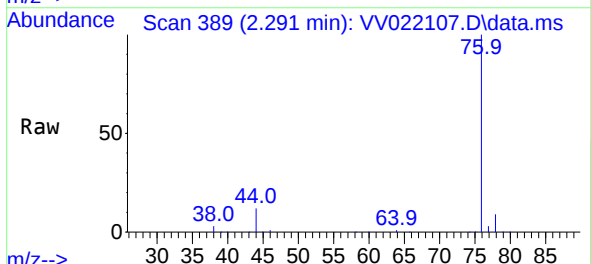
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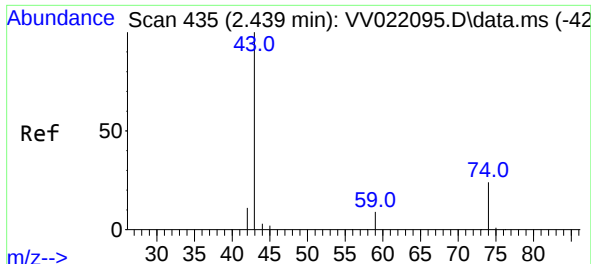
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#14
Carbon disulfide
Concen: 37.439 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 76 Resp: 237315
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



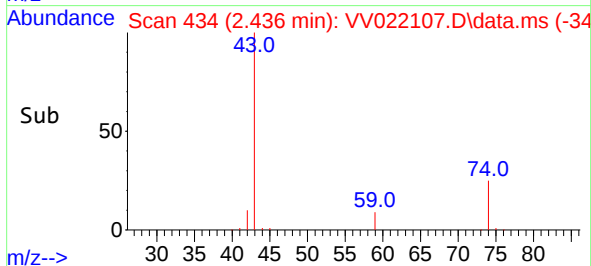
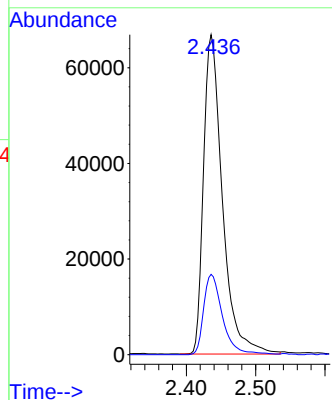
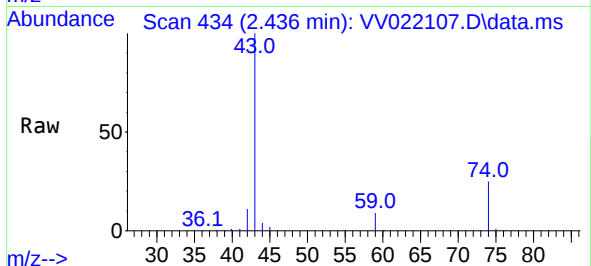


#15
Methyl Acetate
Concen: 44.805 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 43 Resp: 126453
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2

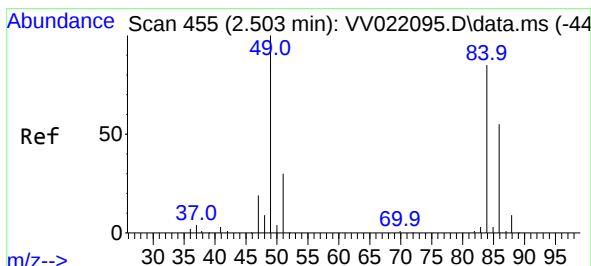
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MSD

Manual Integrations
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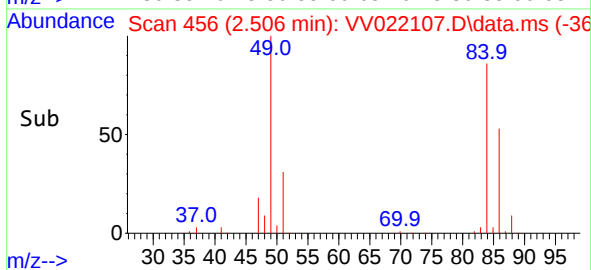
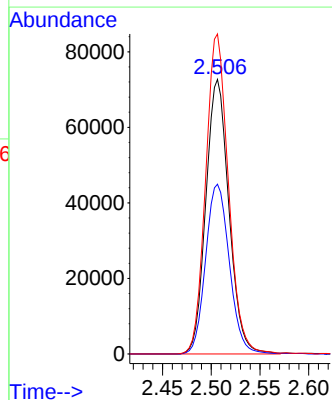
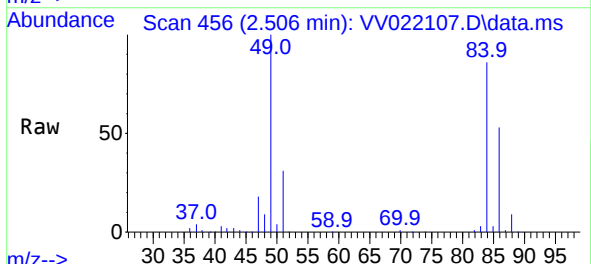
MMDadoda

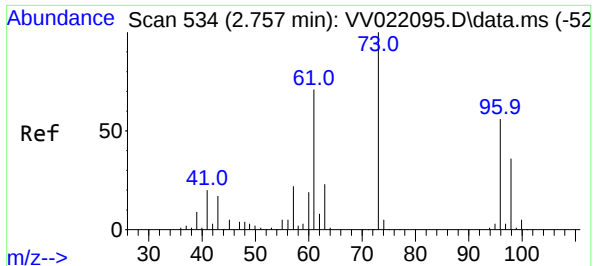
9/8/2021 10:17:03 AM



#16
Methylene chloride
Concen: 42.604 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 84 Resp: 119912
Ion Ratio Lower Upper
84 100
86 61.8 44.8 83.2
49 116.5 80.2 149.0



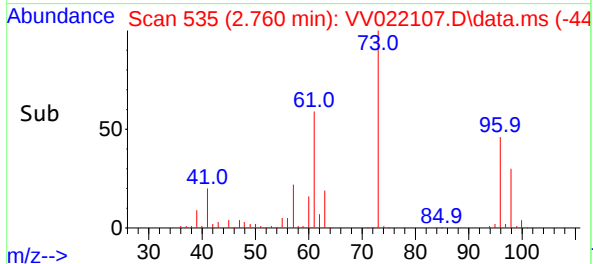
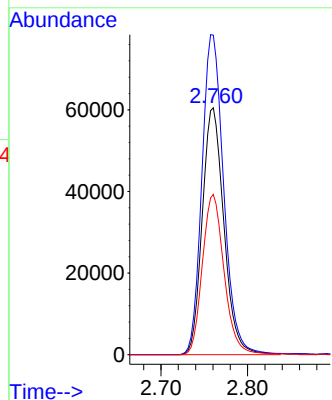
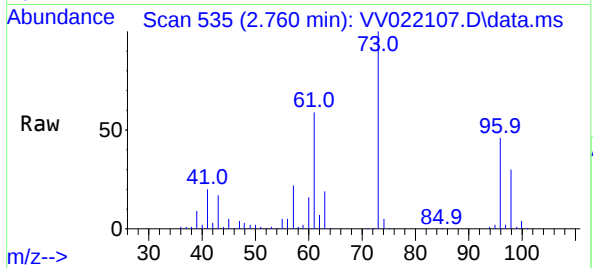


#17
trans-1,2-Dichloroethene
Concen: 41.358 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 96 Resp: 105049
Ion Ratio Lower Upper
96 100
61 129.4 89.1 165.5
98 64.9 43.8 81.3

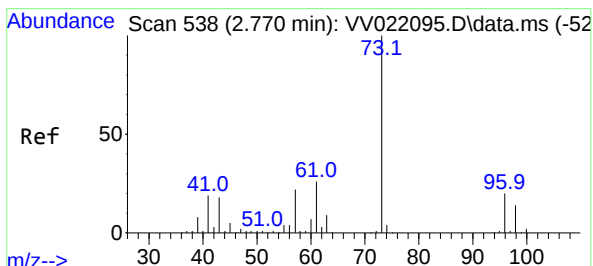
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MSD

Manual Integrations
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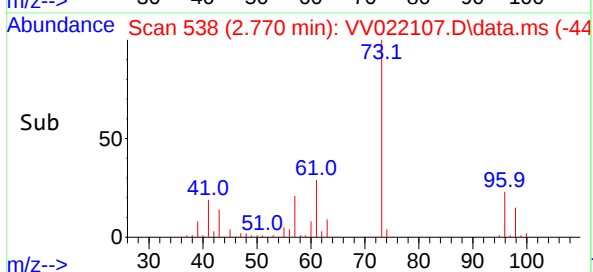
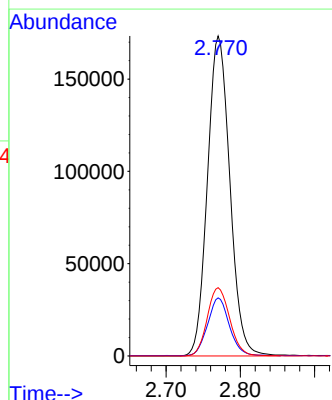
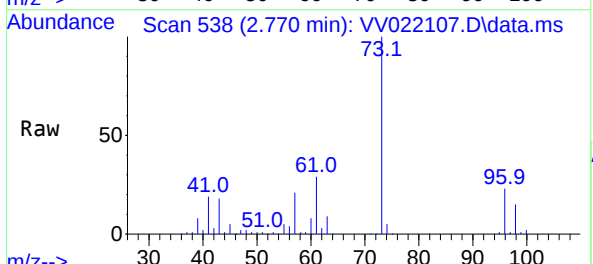
MMDadoda

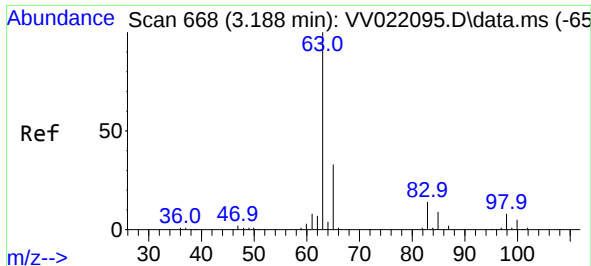
9/8/2021 10:17:03 AM



#18
Methyl tert-butyl Ether
Concen: 45.002 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 73 Resp: 363230
Ion Ratio Lower Upper
73 100
43 17.5 13.8 20.6
57 21.4 17.1 25.7



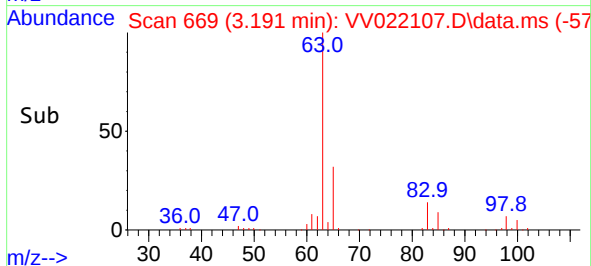
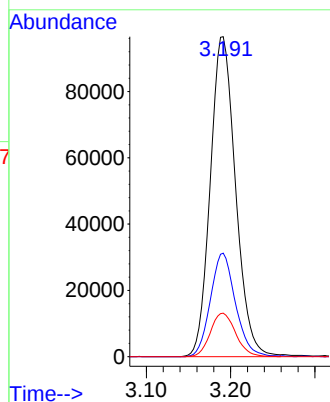
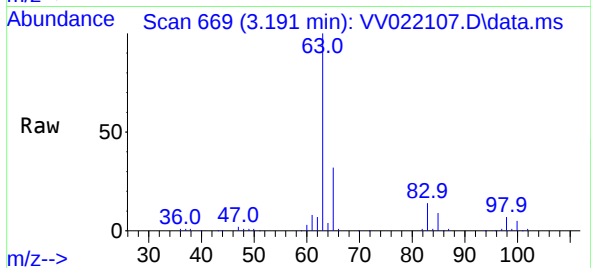


#19
1,1-Dichloroethane
Concen: 44.476 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion:	63	Resp:	201203
Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.2	41.2
83	13.6	9.7	17.9

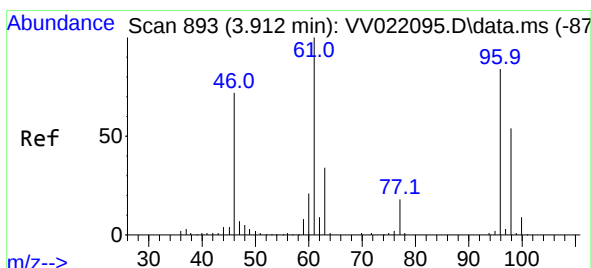
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MSD

Manual Integrations
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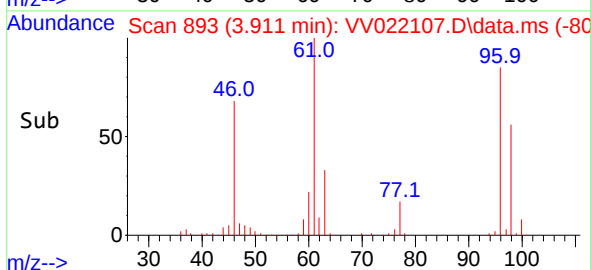
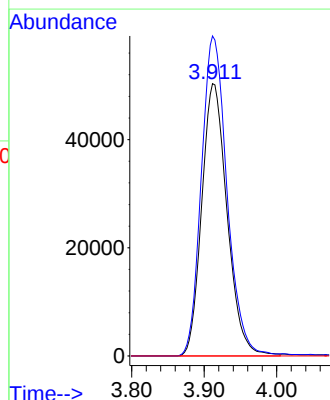
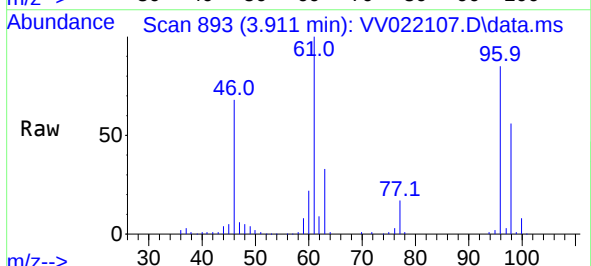
MMDadoda

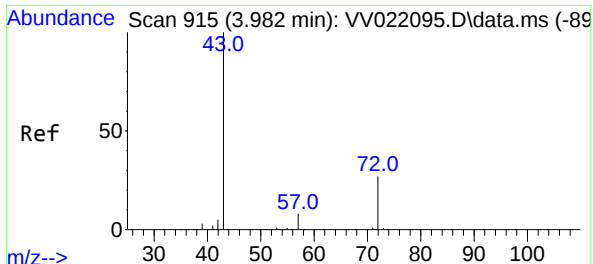
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#20
cis-1,2-Dichloroethene
Concen: 43.254 ug/L
RT: 3.911 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion:	96	Resp:	122279
Ion	Ratio	Lower	Upper
96	100		
61	117.5	81.8	152.0
68	0.0	0.0	0.0



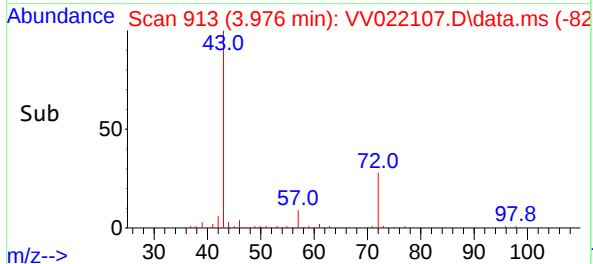
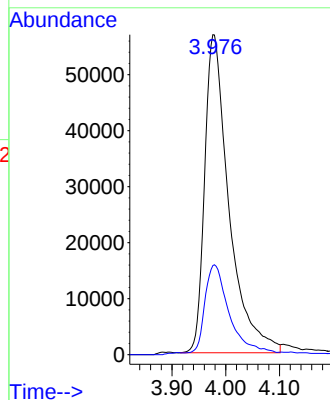
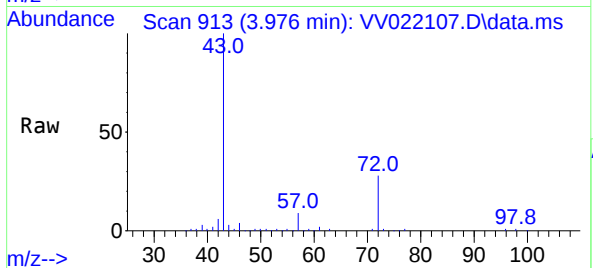


#22
2-Butanone
Concen: 87.853 ug/L
RT: 3.976 min Scan# 913
Delta R.T. -0.006 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 43 Resp: 178971
Ion Ratio Lower Upper
43 100
72 26.6 13.3 39.8

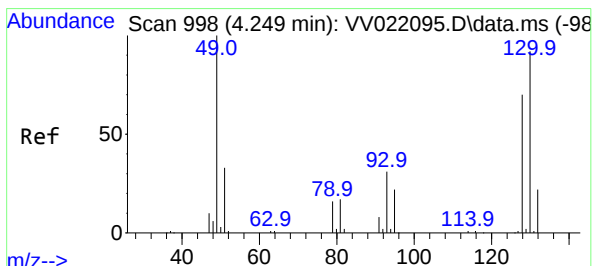
Instrument :
MSVOA_V
ClientSampled :
DBKM3MSD

Manual Integrations
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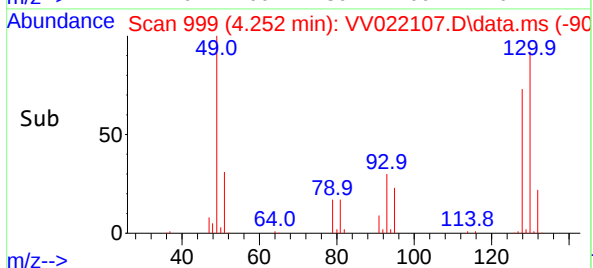
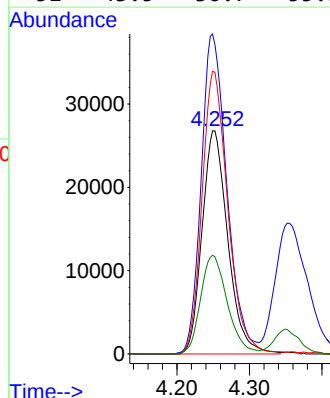
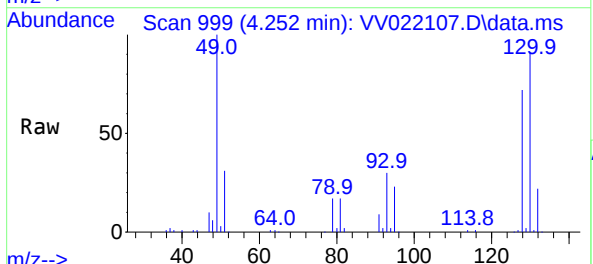
MMDadoda

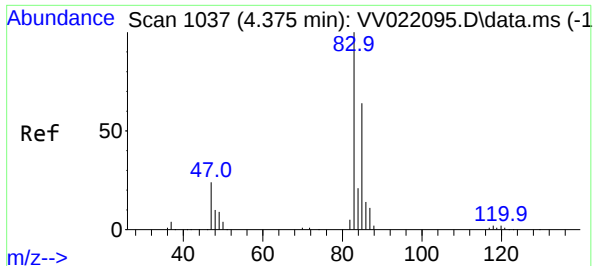
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#23
Bromochloromethane
Concen: 43.847 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion:128 Resp: 66014
Ion Ratio Lower Upper
128 100
49 138.7 101.6 188.8
130 126.1 88.5 164.3
51 43.5 36.7 55.1



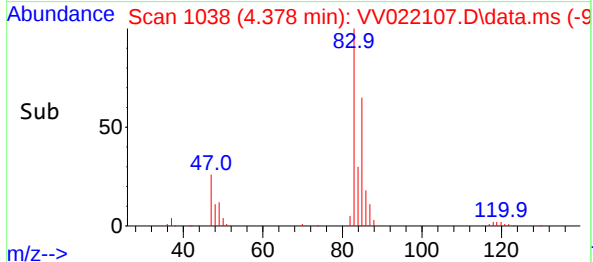
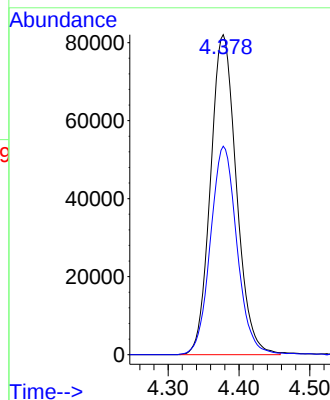
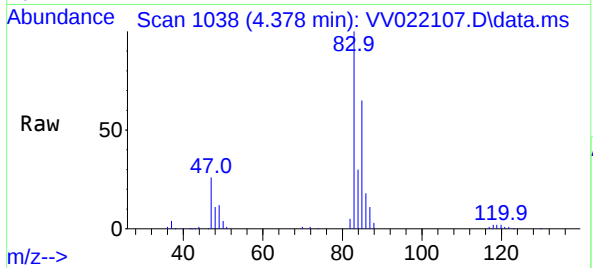


#25
Chloroform
Concen: 43.492 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 83 Resp: 208278
Ion Ratio Lower Upper
83 100
85 65.2 46.3 85.9

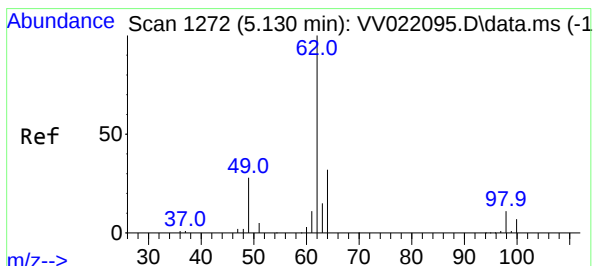
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MSD

Manual Integrations
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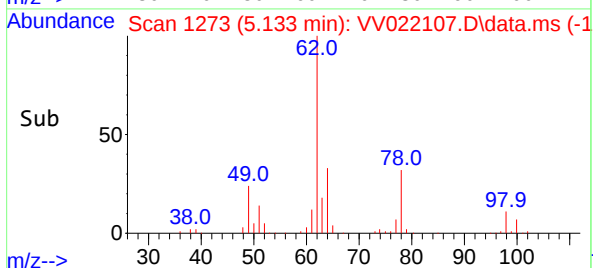
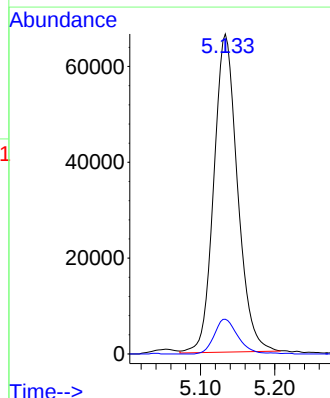
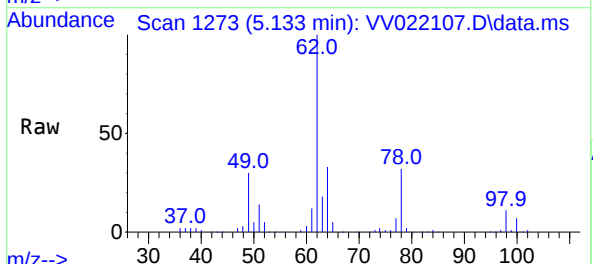
MMDadoda

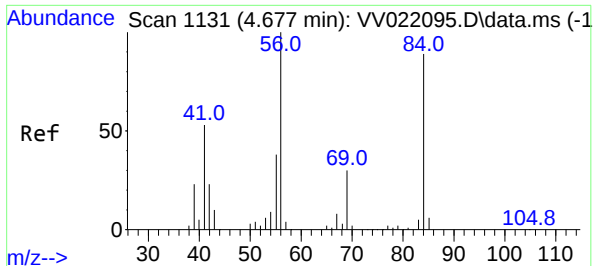
9/8/2021 10:17:03 AM



#27
1,2-Dichloroethane
Concen: 45.960 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 62 Resp: 147536
Ion Ratio Lower Upper
62 100
98 10.9 8.5 12.7





#29

Cyclohexane

Concen: 42.165 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

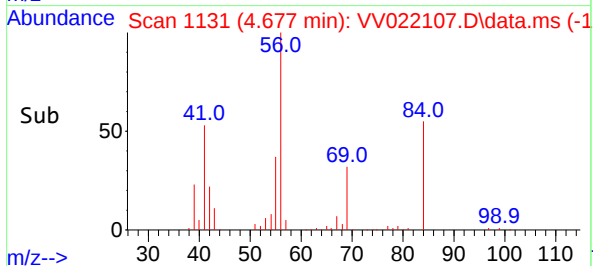
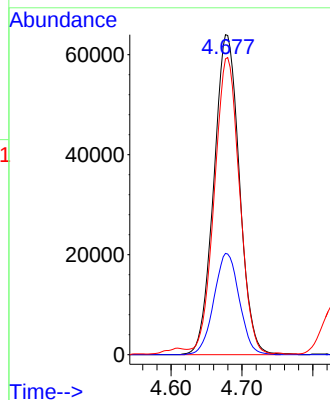
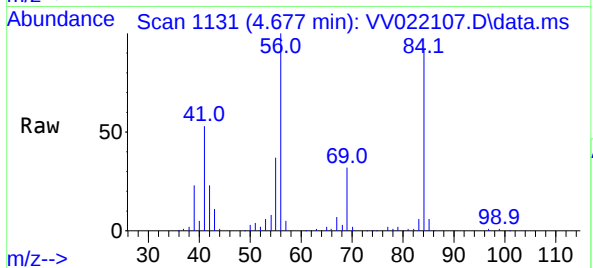
Lab File: VV022107.D

Acq: 07 Sep 2021 17:00

Tgt Ion:	56	Resp:	160141
Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.2	37.8
84	91.4	74.6	111.8

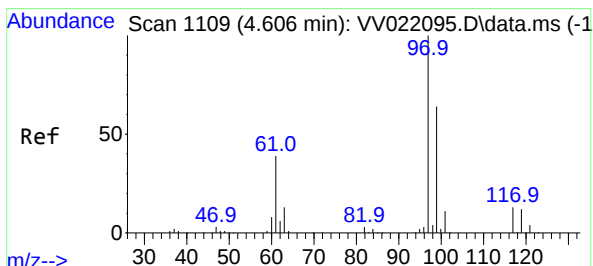
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MSD

Manual Integrations
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#30

1,1,1-Trichloroethane

Concen: 45.010 ug/L

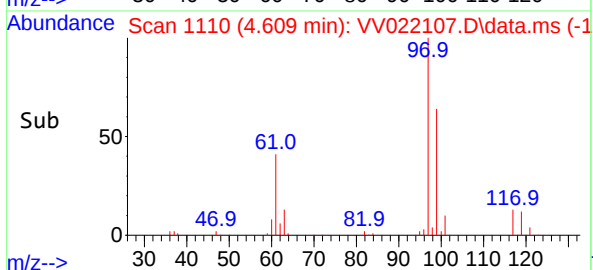
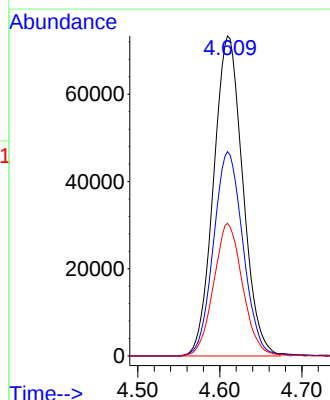
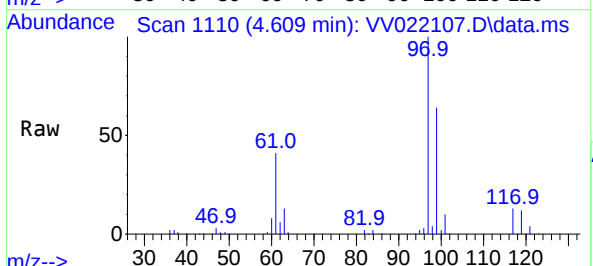
RT: 4.609 min Scan# 1110

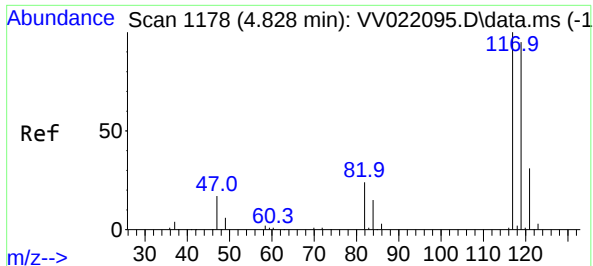
Delta R.T. 0.003 min

Lab File: VV022107.D

Acq: 07 Sep 2021 17:00

Tgt Ion:	97	Resp:	181746
Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.0	78.0
61	41.1	31.8	47.8



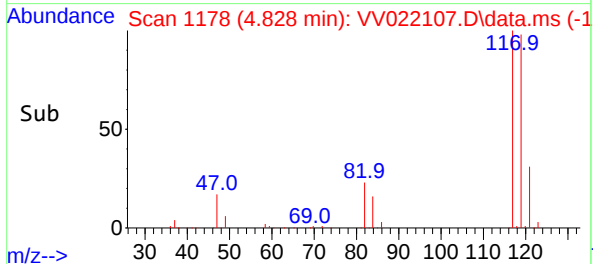
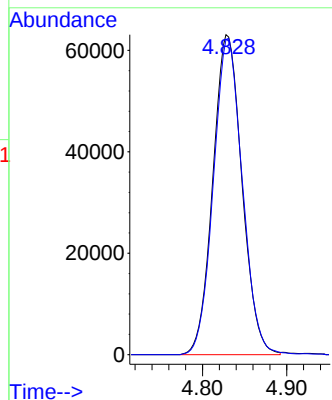
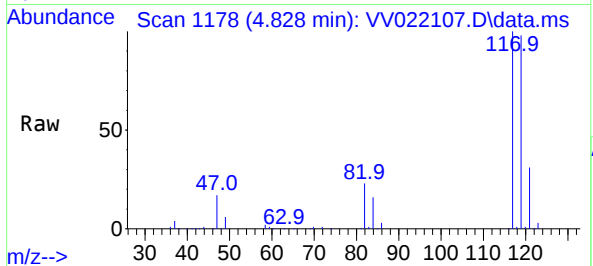


#31
Carbon tetrachloride
Concen: 43.534 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Instrument :
MSVOA_V
ClientSampleId :
DBKM3MSD

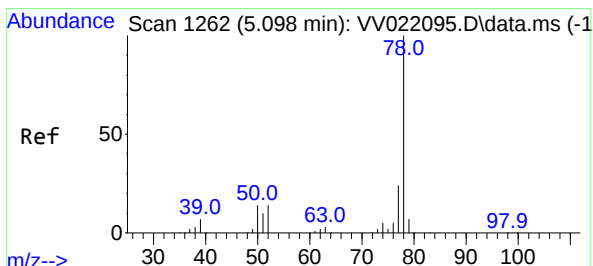
Tgt Ion:117 Resp: 151028
Ion Ratio Lower Upper
117 100
119 98.4 76.6 114.8

Manual Integrations
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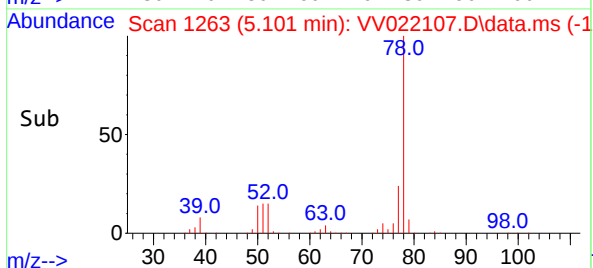
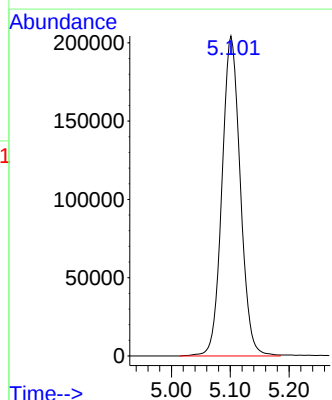
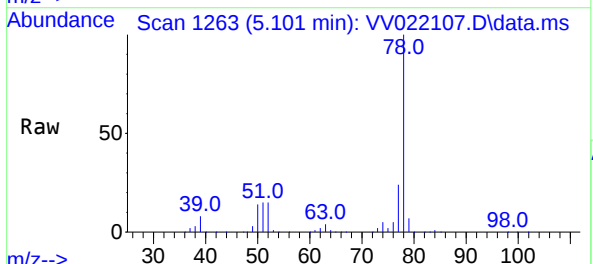
MMDadoda

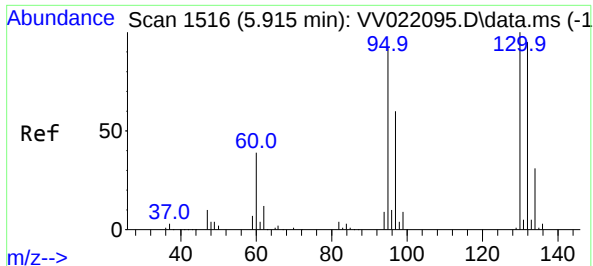
9/8/2021 10:17:03 AM



#33
Benzene
Concen: 44.830 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 78 Resp: 443133





#34

Trichloroethene

Concen: 41.934 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV022107.D

Acq: 07 Sep 2021 17:00

Tgt Ion: 95 Resp: 117412

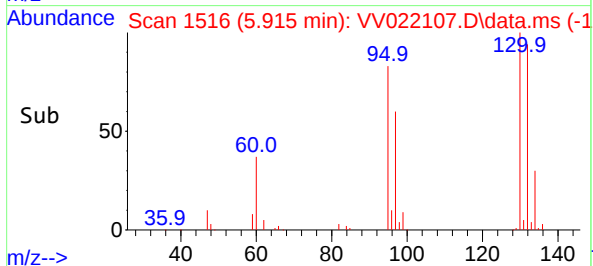
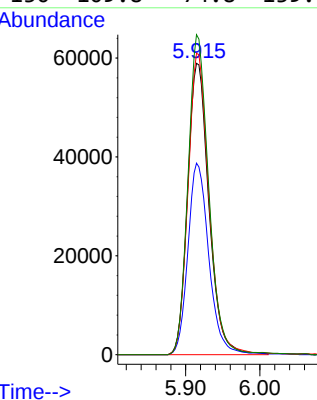
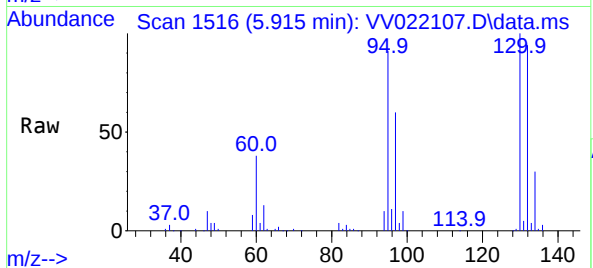
Ion Ratio Lower Upper

95 100

97 65.7 44.1 81.9

132 103.4 70.7 131.3

130 109.8 74.8 139.0



Instrument :

MSVOA_V

ClientSampleId :

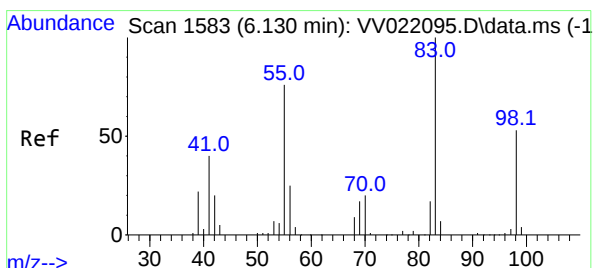
DBKM3MSD

Manual Integrations

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#35

Methylcyclohexane

Concen: 40.453 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV022107.D

Acq: 07 Sep 2021 17:00

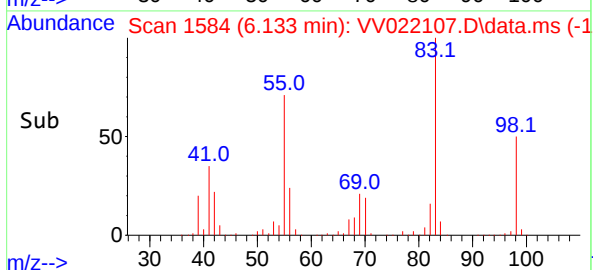
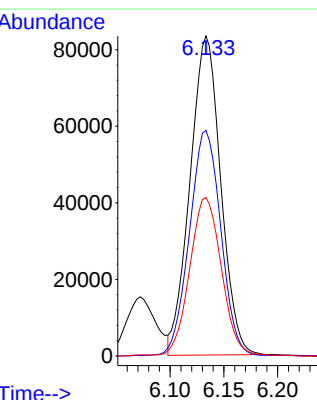
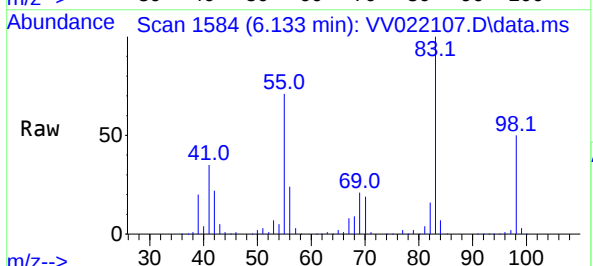
Tgt Ion: 83 Resp: 165582

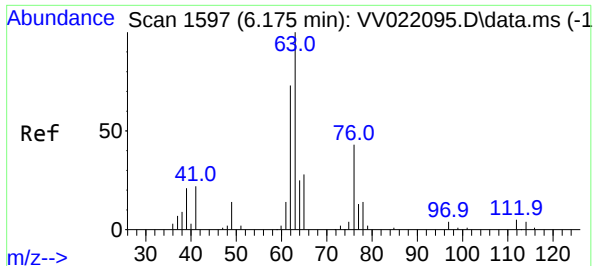
Ion Ratio Lower Upper

83 100

55 72.4 56.8 85.2

98 51.5 39.9 59.9



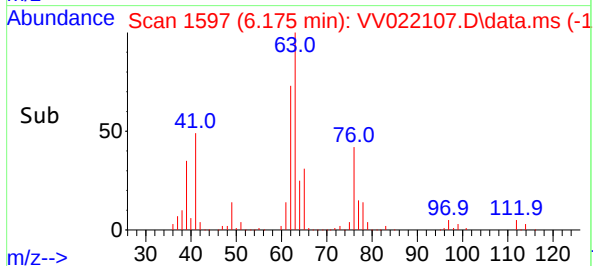
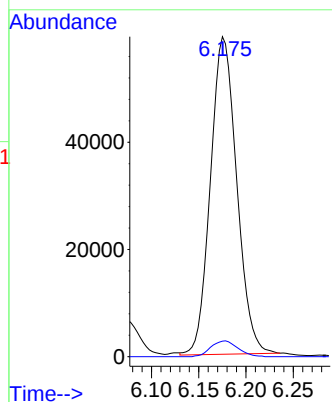
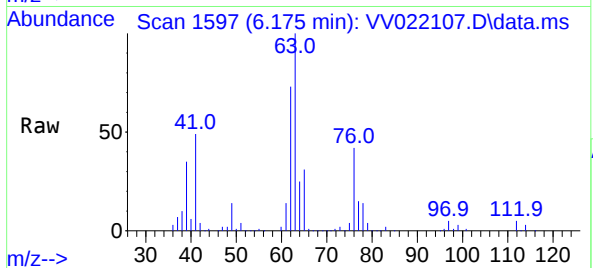


#37
1,2-Dichloropropane
Concen: 44.703 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 63 Resp: 114542
Ion Ratio Lower Upper
63 100
112 5.1 3.8 5.6

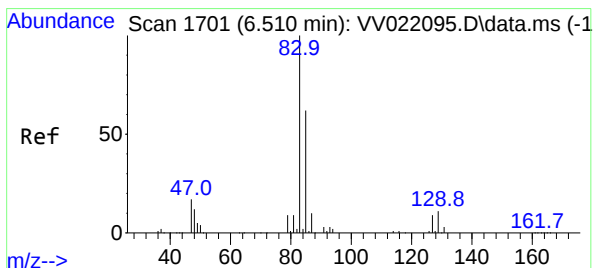
Instrument :
MSVOA_V
ClientSampled :
DBKM3MSD

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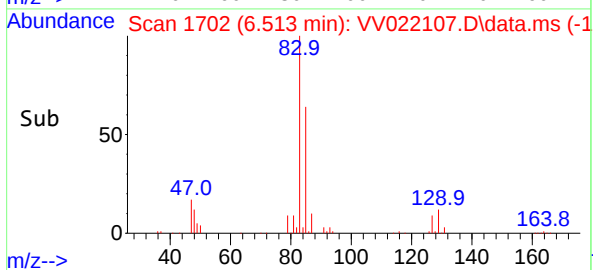
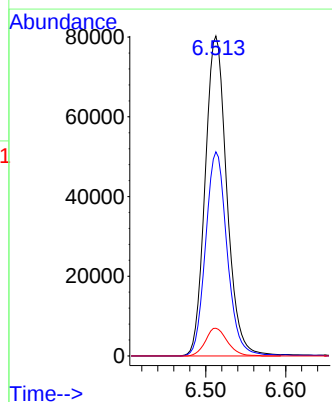
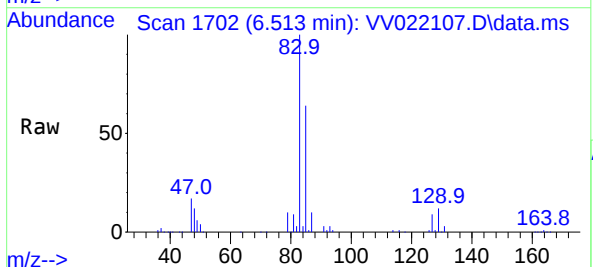
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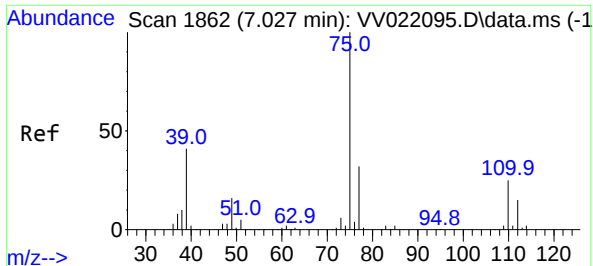
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#38
Bromodichloromethane
Concen: 46.135 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

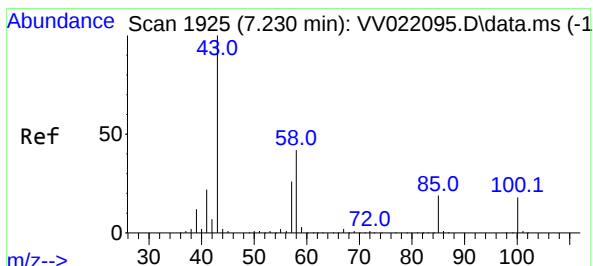
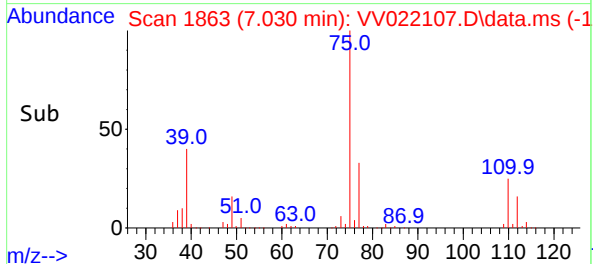
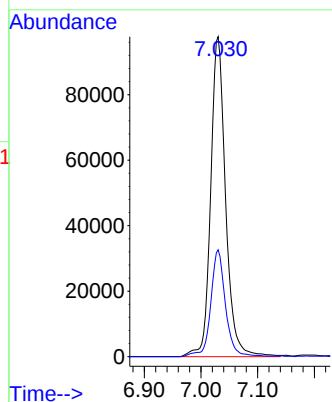
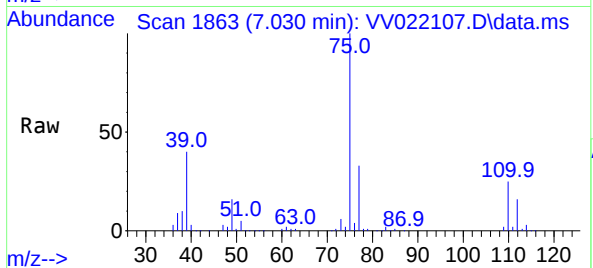
Tgt Ion: 83 Resp: 151173
Ion Ratio Lower Upper
83 100
85 63.8 44.8 83.2
127 8.7 7.3 10.9





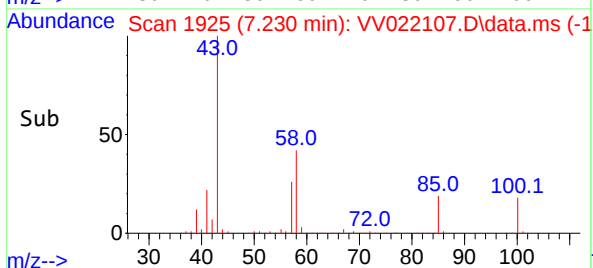
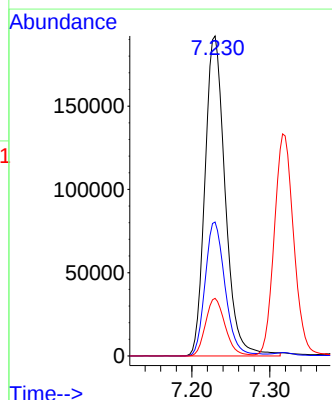
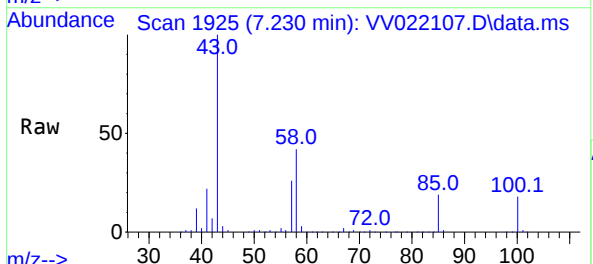
#39
cis-1,3-Dichloropropene
Concen: 45.282 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 75 Resp: 179135
Ion Ratio Lower Upper
75 100
77 33.4 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 99.762 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 43 Resp: 346545
Ion Ratio Lower Upper
43 100
58 41.0 33.3 49.9
100 17.4 14.5 21.7

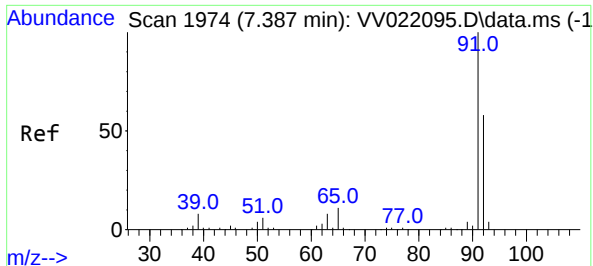


Instrument :
MSVOA_V
ClientSampleId :
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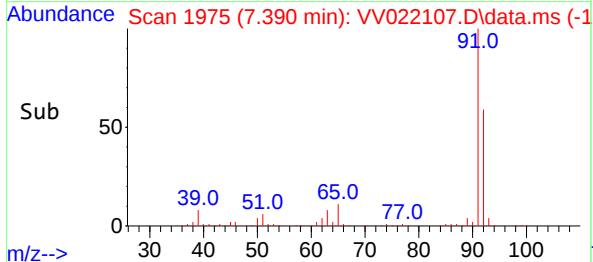
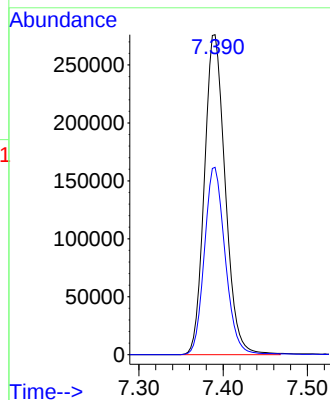
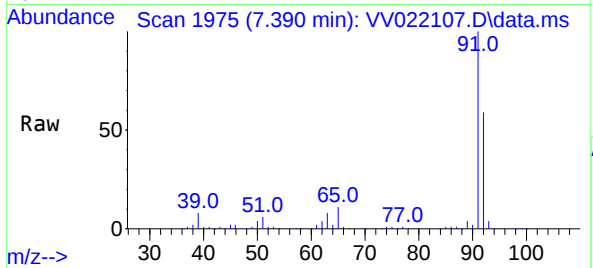


#42
Toluene
Concen: 44.641 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 91 Resp: 476252
Ion Ratio Lower Upper
91 100
92 58.5 40.3 74.8

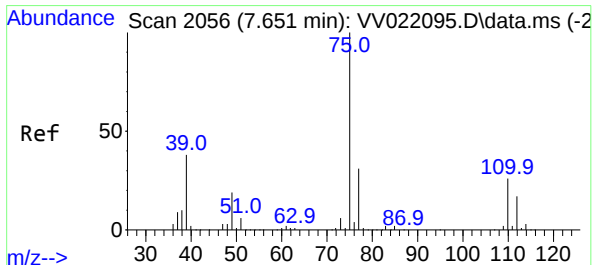
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MSD

Manual Integrations
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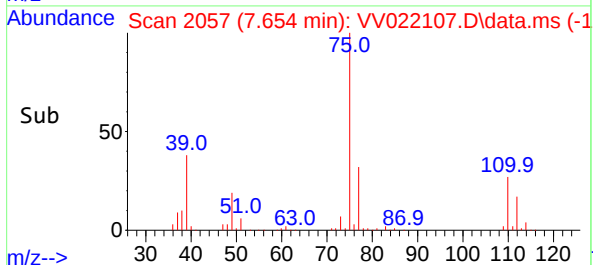
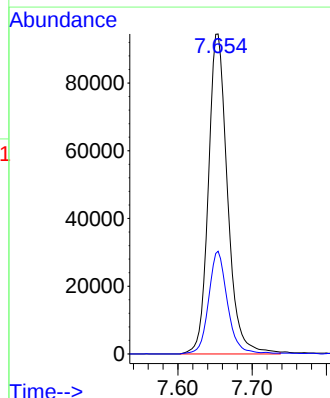
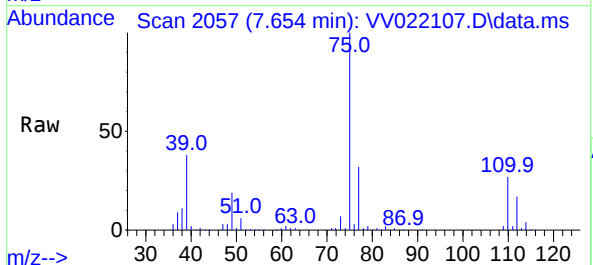
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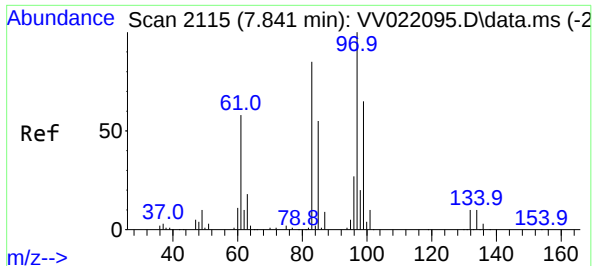
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#44
trans-1,3-Dichloropropene
Concen: 45.938 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 75 Resp: 169136
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.6





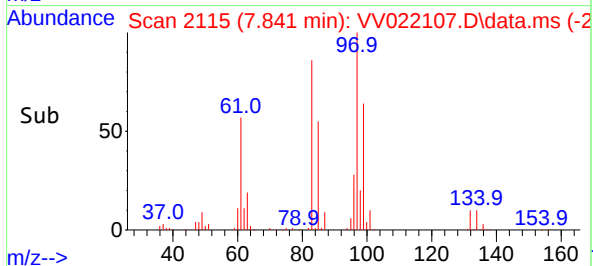
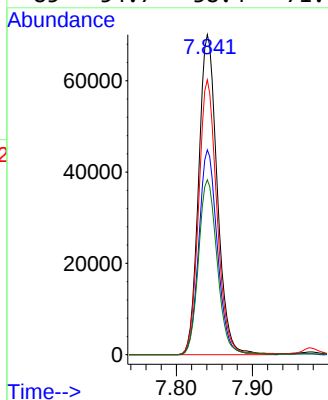
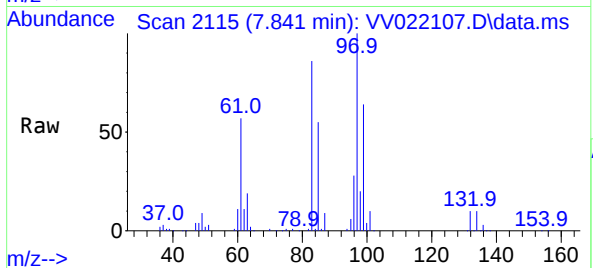
#45

1,1,2-Trichloroethane
Concen: 45.735 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion:	97	Resp:	119236
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.8	81.4
83	85.9	58.8	109.2
85	54.7	38.4	71.4

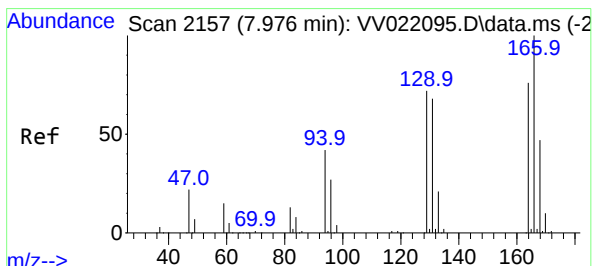
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MSD

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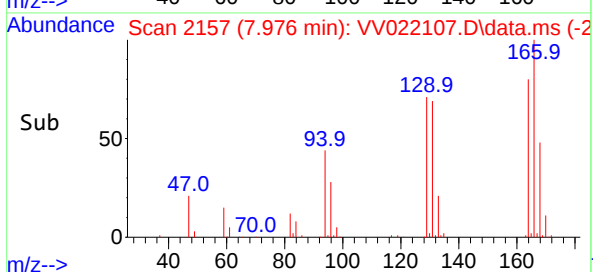
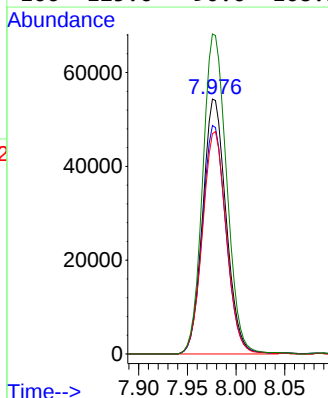
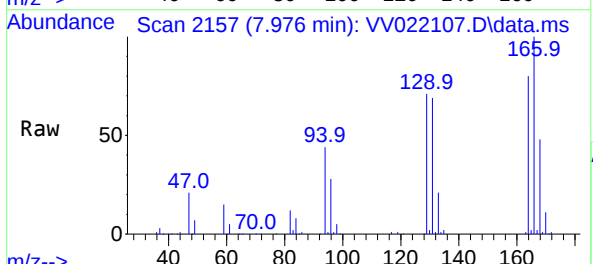
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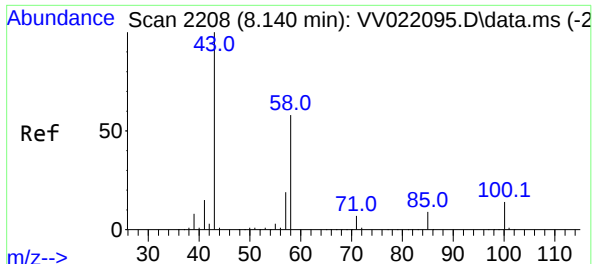


#46

Tetrachloroethene
Concen: 41.870 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion:	164	Resp:	91156
Ion	Ratio	Lower	Upper
164	100		
129	89.6	62.9	116.9
131	86.4	61.0	113.4
166	125.6	90.6	168.3





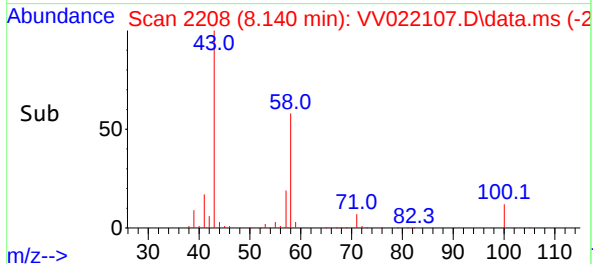
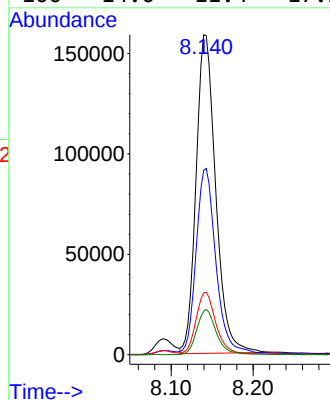
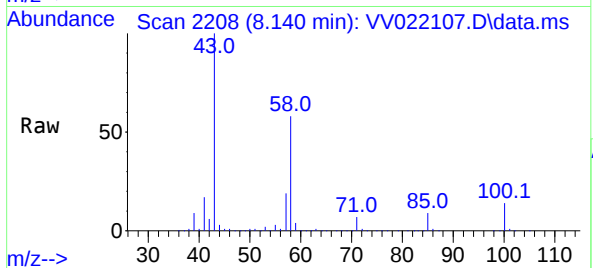
#48
2-Hexanone
Concen: 98.147 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 43 Resp: 264530

Ion	Ratio	Lower	Upper
43	100		
58	57.7	47.5	71.3
57	19.6	15.9	23.9
100	14.0	11.4	17.2

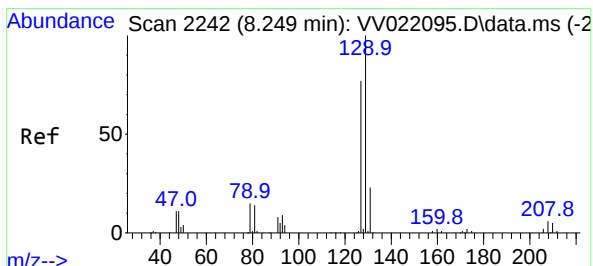
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MSD

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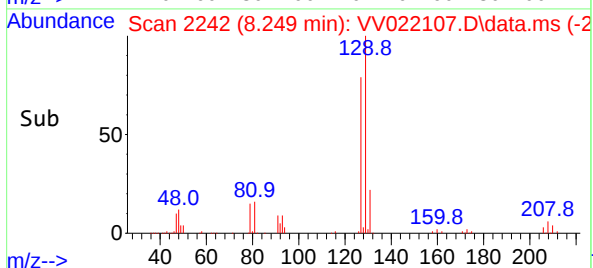
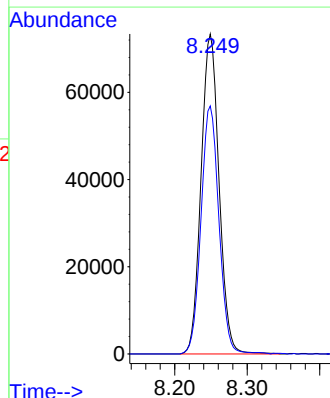
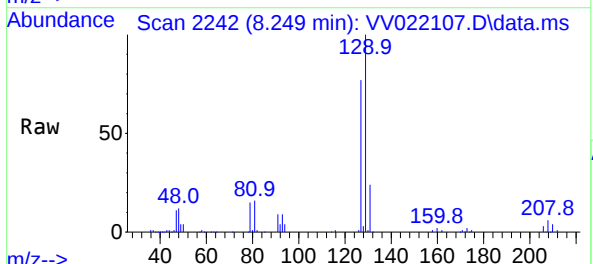
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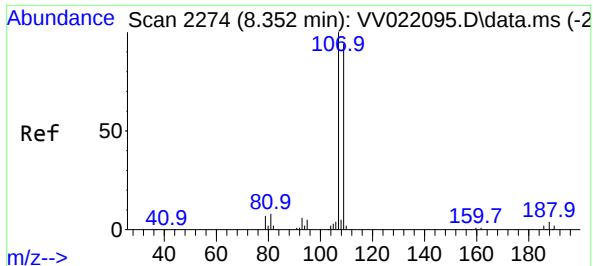


#49
Dibromochloromethane
Concen: 45.269 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 129 Resp: 126331

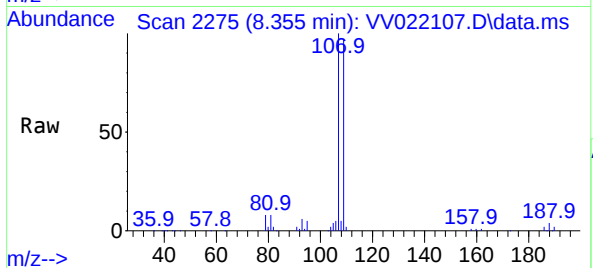
Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.1	100.5





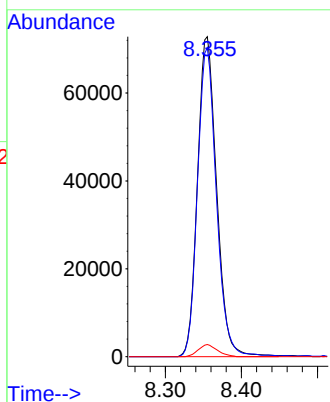
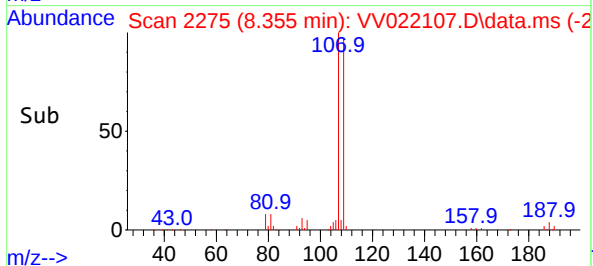
#50
1,2-Dibromoethane
Concen: 45.420 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Instrument :
MSVOA_V
ClientSampleId :
DBKM3MSD



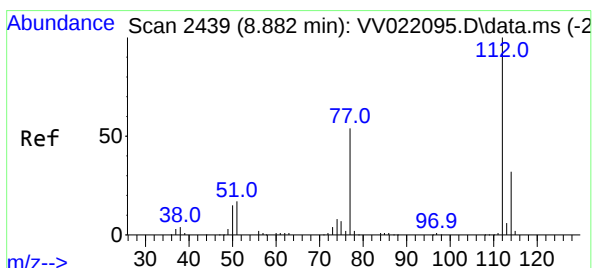
Tgt Ion:107 Resp: 127088
Ion Ratio Lower Upper
107 100
109 96.6 65.5 121.6
188 3.8 3.2 4.8

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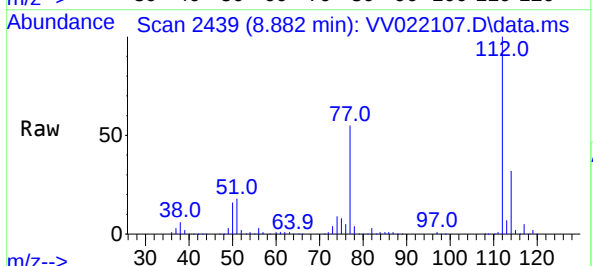


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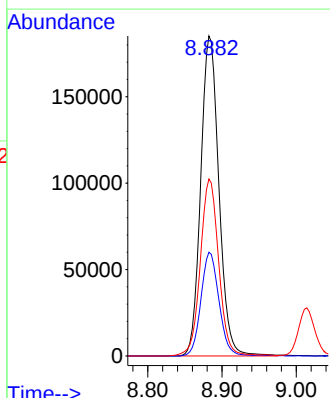
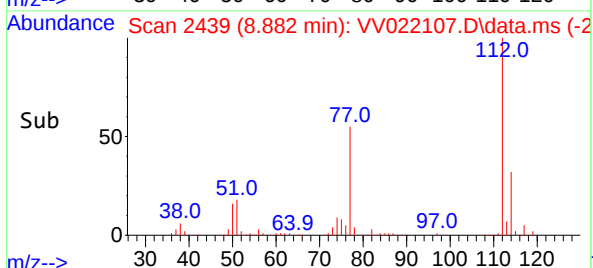
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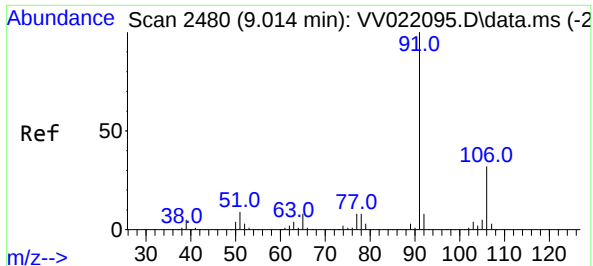


#51
Chlorobenzene
Concen: 43.925 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00



Tgt Ion:112 Resp: 315067
Ion Ratio Lower Upper
112 100
114 32.4 22.0 41.0
77 55.3 43.2 64.8



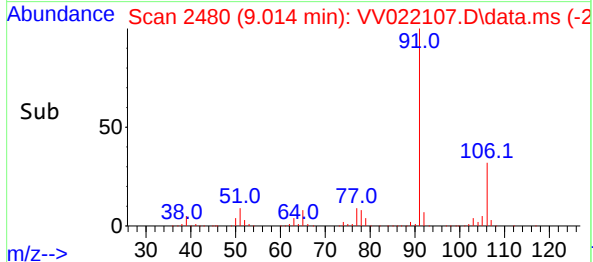
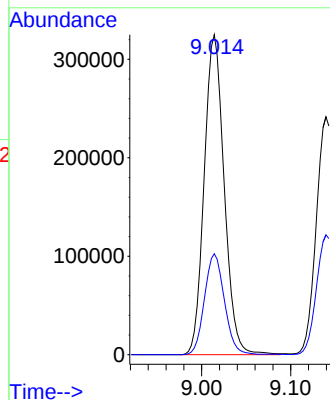
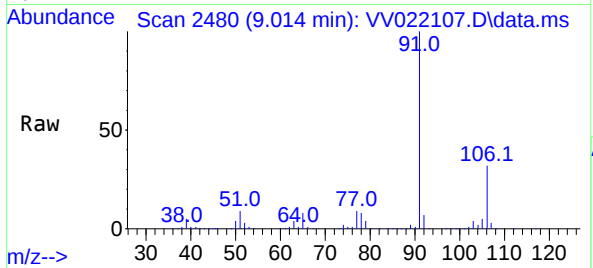


#52
Ethylbenzene
Concen: 43.832 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 91 Resp: 506201
Ion Ratio Lower Upper
91 100
106 31.5 21.7 40.3

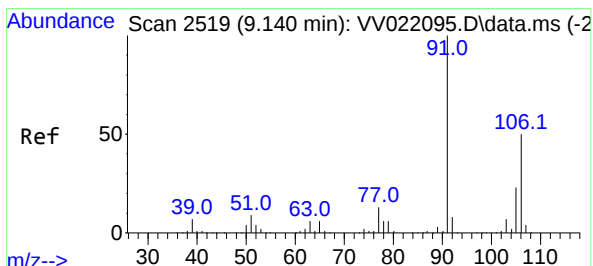
Instrument :
MSVOA_V
ClientSampled :
DBKM3MSD

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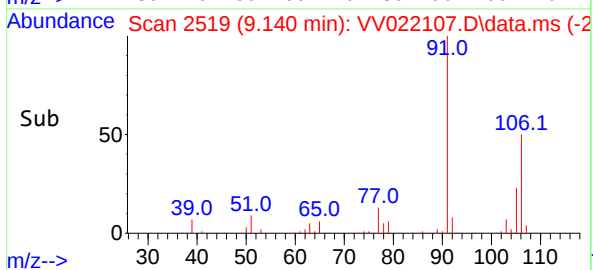
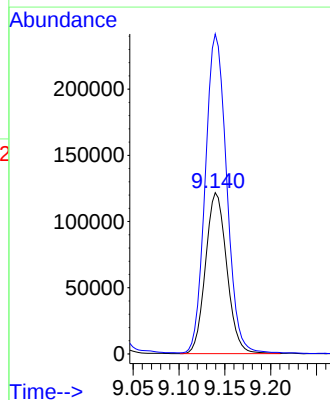
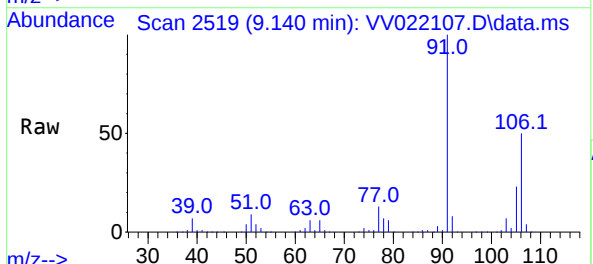
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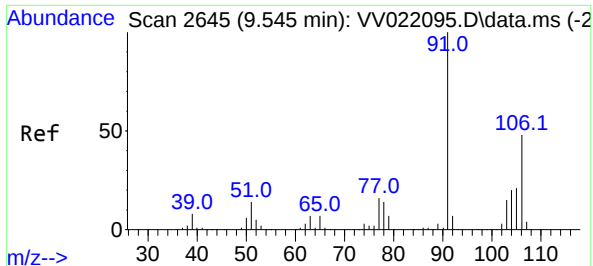
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#53
m,p-Xylene
Concen: 43.767 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion: 106 Resp: 196462
Ion Ratio Lower Upper
106 100
91 198.4 139.1 258.3



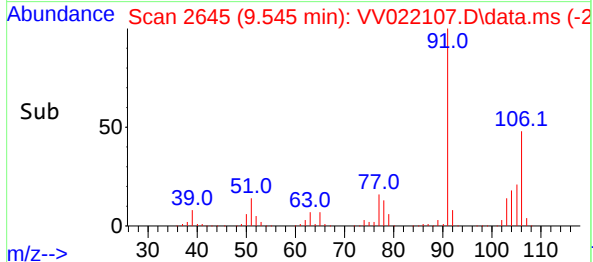
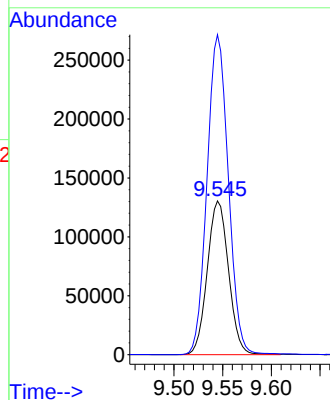
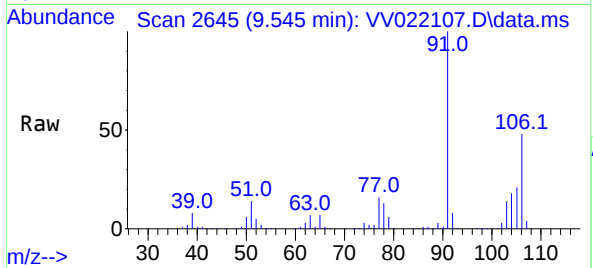


#54
o-Xylene
Concen: 44.662 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion:106 Resp: 198366
Ion Ratio Lower Upper
106 100
91 208.2 150.1 278.9

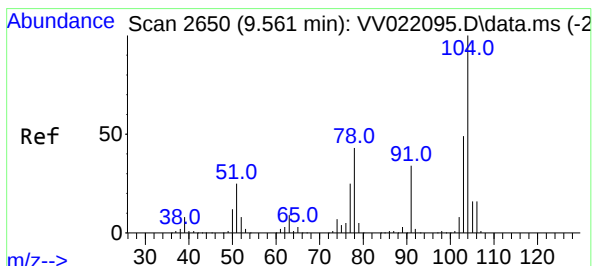
Instrument :
MSVOA_V
ClientSampled :
DBKM3MSD

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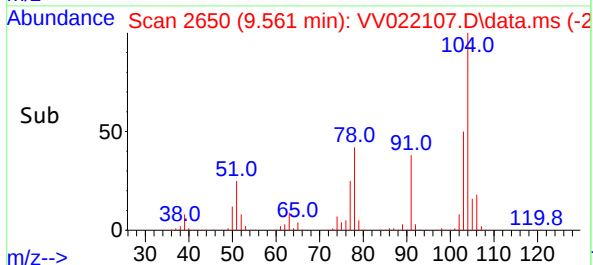
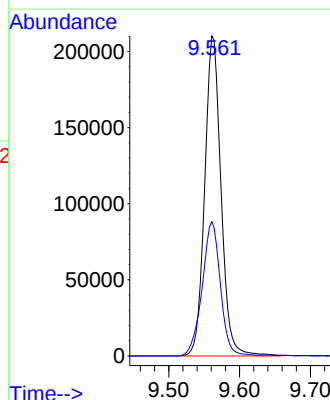
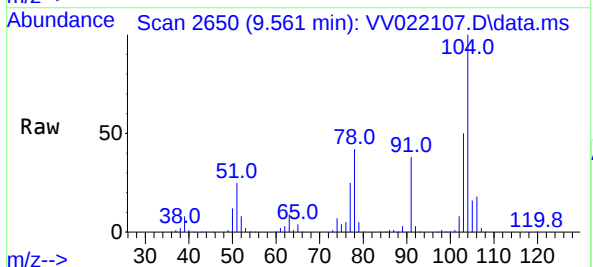
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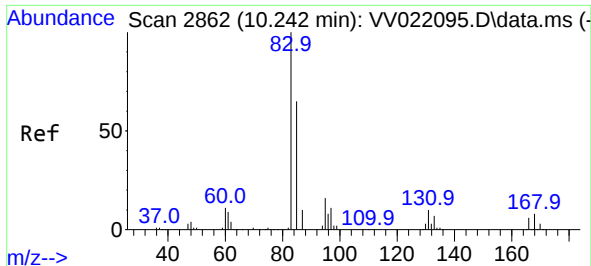
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#55
Styrene
Concen: 44.468 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

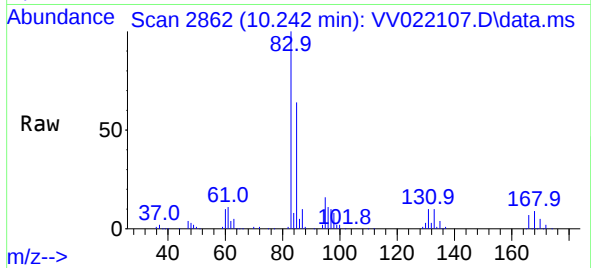
Tgt Ion:104 Resp: 337052
Ion Ratio Lower Upper
104 100
78 41.9 28.6 53.2





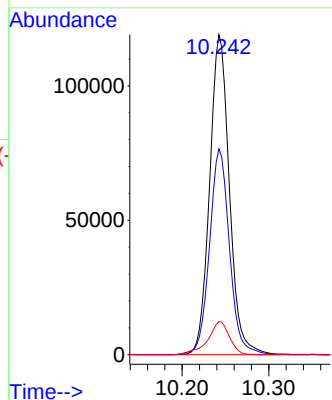
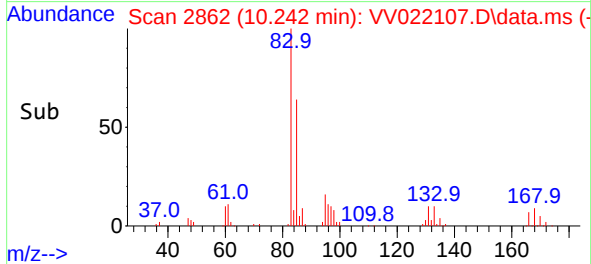
#57
1,1,2,2-Tetrachloroethane
Concen: 49.884 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Instrument :
MSVOA_V
ClientSampleId :
DBKM3MSD



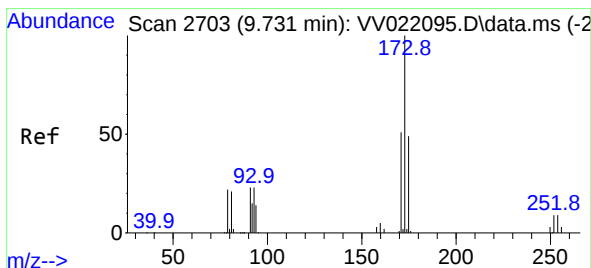
Tgt Ion: 83 Resp: 188433
Ion Ratio Lower Upper
83 100
85 64.3 44.7 83.1
131 10.3 8.2 12.2

Manual Integrations
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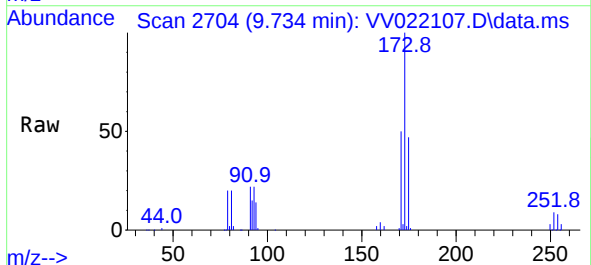


MMDadoda

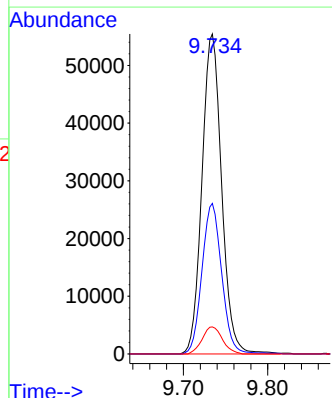
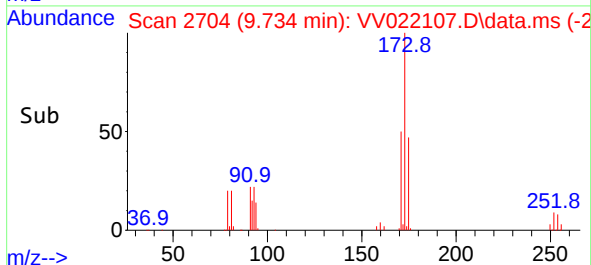
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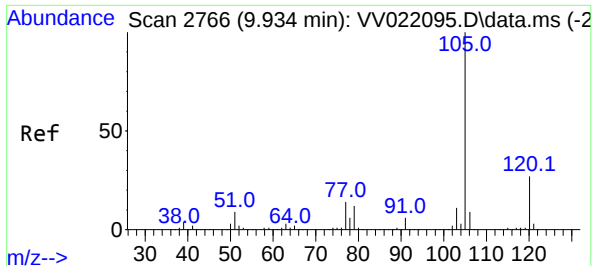


#59
Bromoform
Concen: 48.298 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00



Tgt Ion: 173 Resp: 90156
Ion Ratio Lower Upper
173 100
175 47.0 38.8 58.2
254 8.7 7.0 10.4



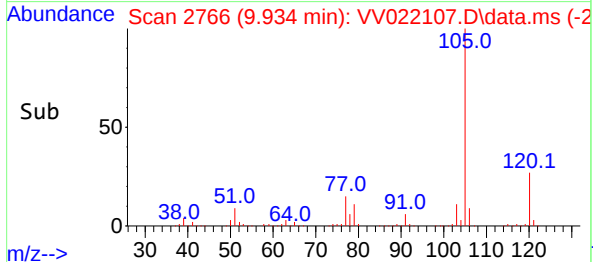
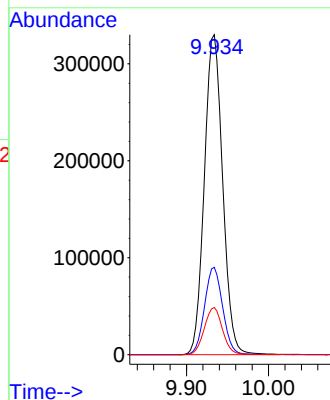
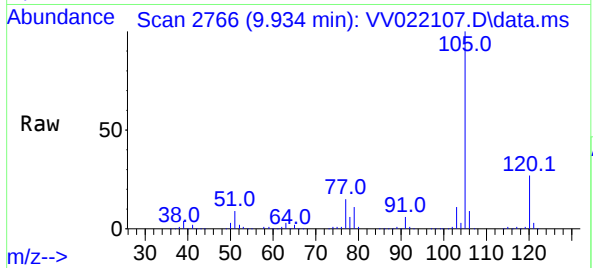


#60
Isopropylbenzene
Concen: 46.373 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion:	105	Resp:	512110
Ion Ratio	Lower	Upper	
105	100		
120	27.0	21.5	32.3
77	14.7	11.8	17.6

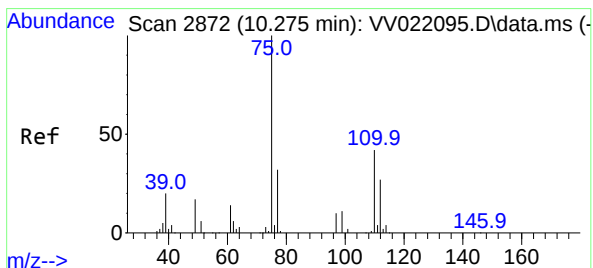
Instrument :
MSVOA_V
ClientSampleId :
DBKM3MSD

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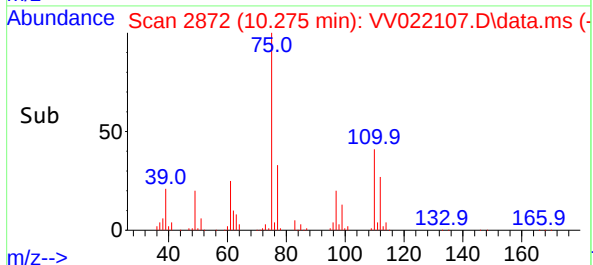
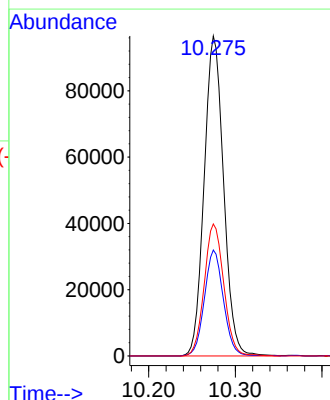
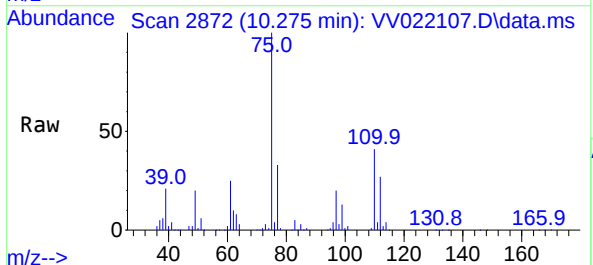
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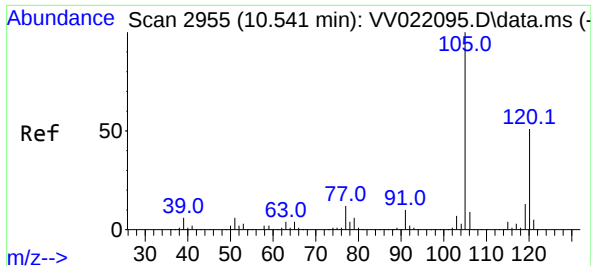
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#61
1,2,3-Trichloropropane
Concen: 49.432 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion:	75	Resp:	150568
Ion Ratio	Lower	Upper	
75	100		
77	32.2	26.2	39.2
110	41.3	33.8	50.6



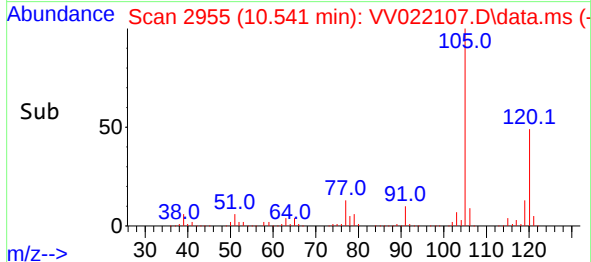
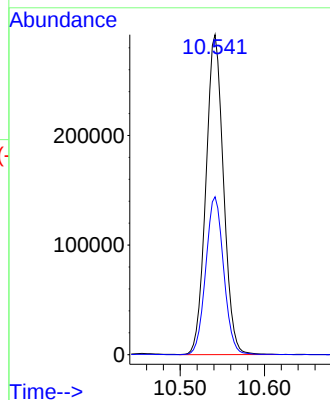
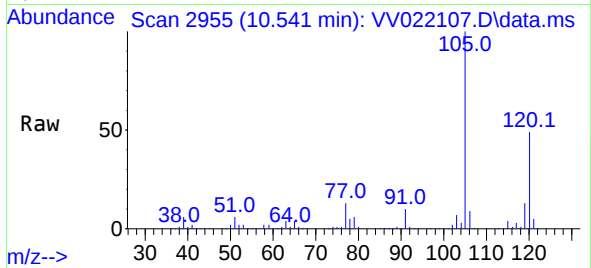


#62
1,3,5-Trimethylbenzene
Concen: 45.823 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion:105 Resp: 424837
Ion Ratio Lower Upper
105 100
120 50.3 39.6 59.4

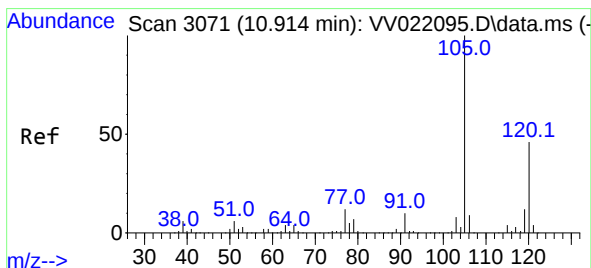
Instrument :
MSVOA_V
ClientSampled :
DBKM3MSD

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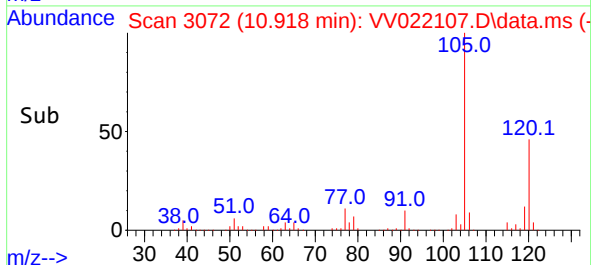
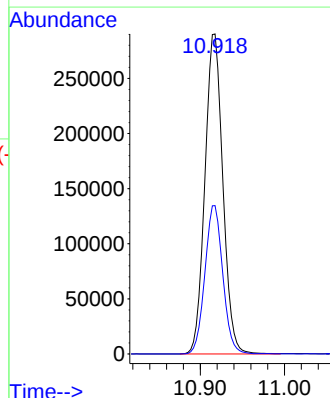
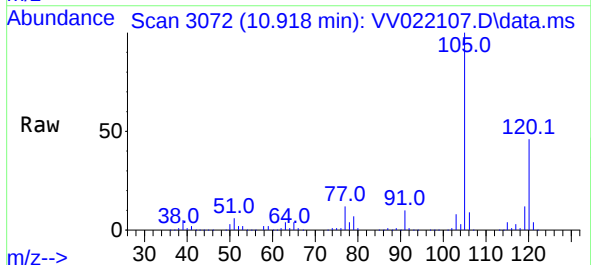
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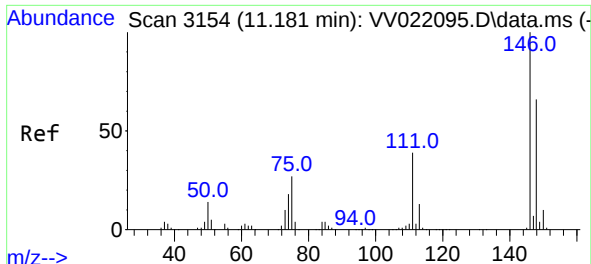
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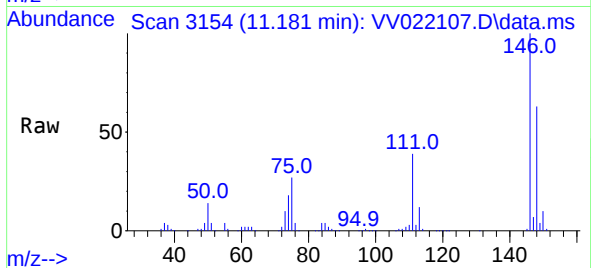
#63
1,2,4-Trimethylbenzene
Concen: 45.798 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

Tgt Ion:105 Resp: 431577
Ion Ratio Lower Upper
105 100
120 46.2 37.4 56.0

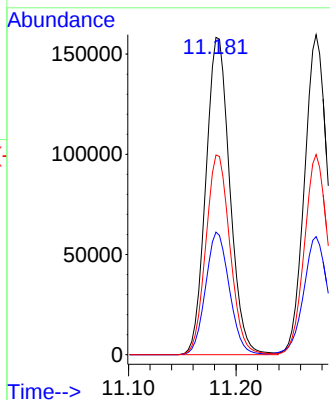
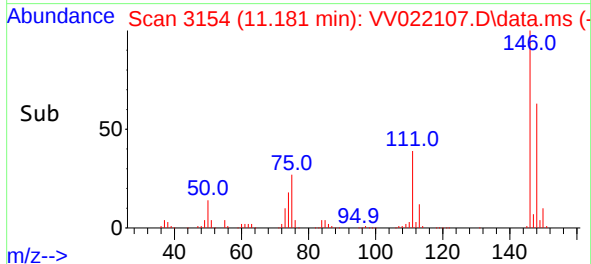




#64
1,3-Dichlorobenzene
Concen: 43.766 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00



Tgt Ion:146 Resp: 245399
Ion Ratio Lower Upper
146 100
111 38.6 26.9 50.1
148 63.0 45.5 84.5

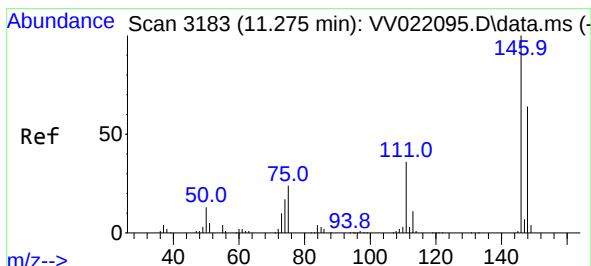


Instrument :
MSVOA_V
ClientSampleId :
DBKM3MSD

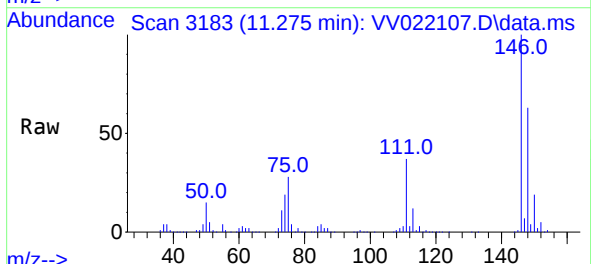
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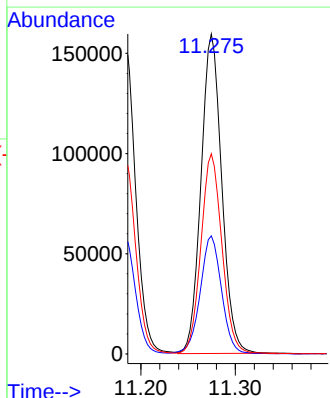
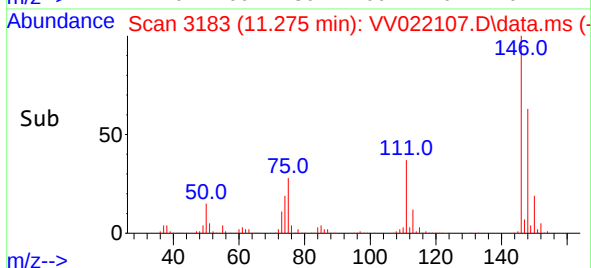
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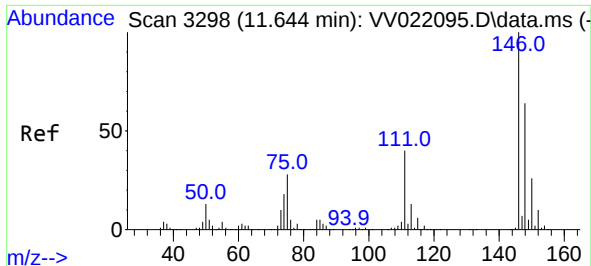


#65
1,4-Dichlorobenzene
Concen: 42.379 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

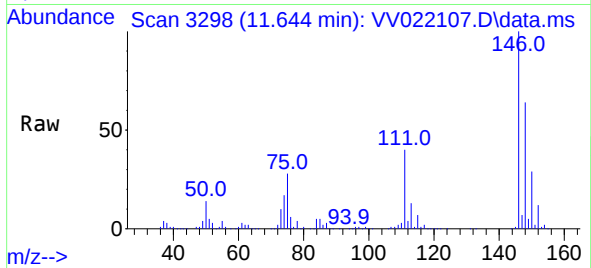


Tgt Ion:146 Resp: 243152
Ion Ratio Lower Upper
146 100
111 36.9 25.3 46.9
148 62.5 44.4 82.5

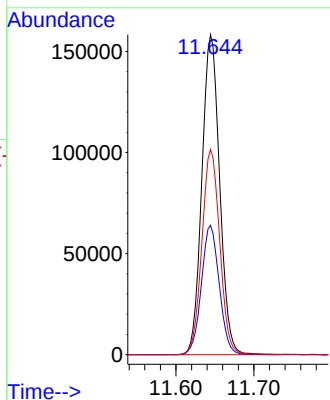
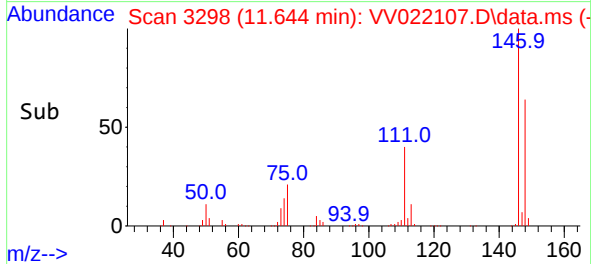




#67
1,2-Dichlorobenzene
Concen: 45.025 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00



Tgt Ion:146 Resp: 250671
Ion Ratio Lower Upper
146 100
111 40.5 31.6 47.4
148 64.2 50.6 75.8

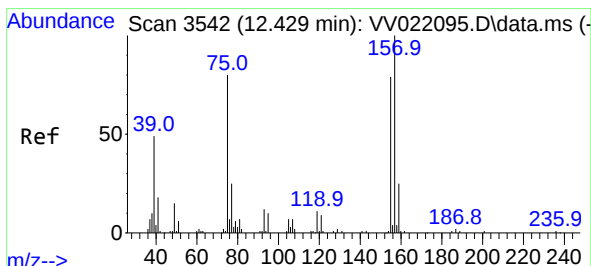


Instrument :
MSVOA_V
ClientSampleId :
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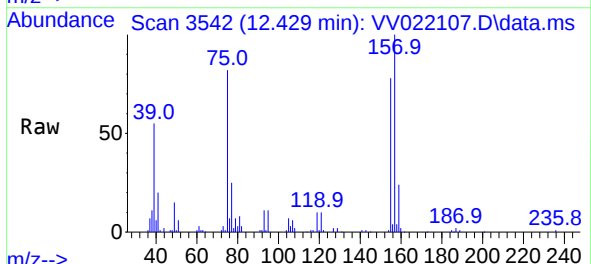
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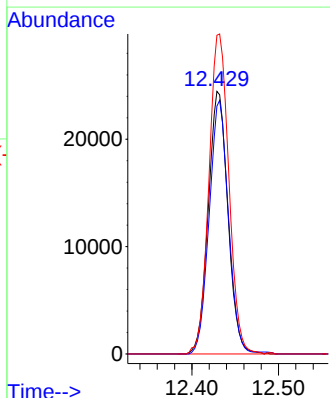
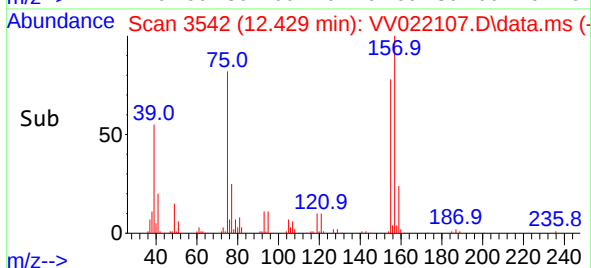
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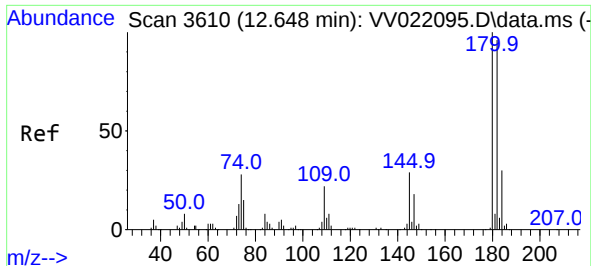


#68
1,2-Dibromo-3-chloropropane
Concen: 52.510 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00



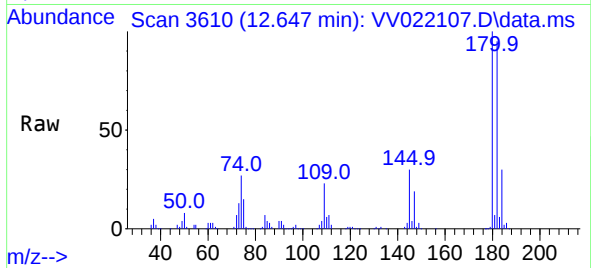
Tgt Ion: 75 Resp: 38548
Ion Ratio Lower Upper
75 100
155 94.4 79.8 119.6
157 121.4 98.3 147.5





#69
1,3,5-Trichlorobenzene
Concen: 41.636 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00

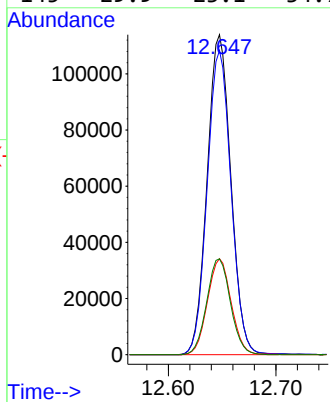
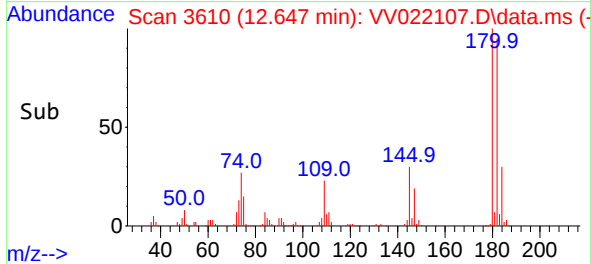
Instrument :
MSVOA_V
ClientSampled :
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Tgt Ion:180 Resp: 174565

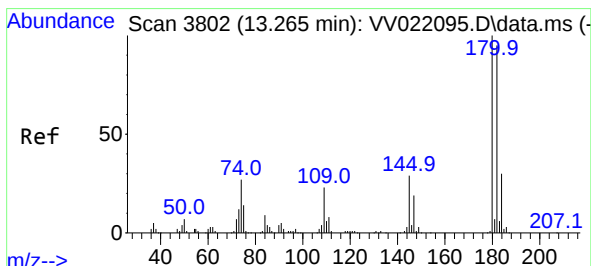
Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
184	29.9	24.0	36.0
145	29.9	23.1	34.7

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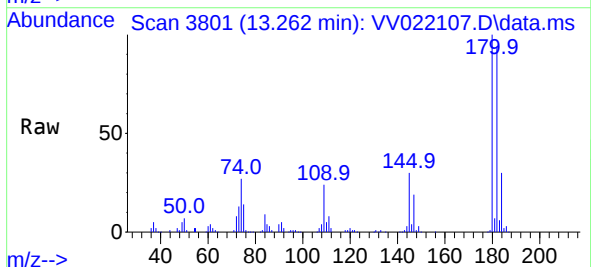


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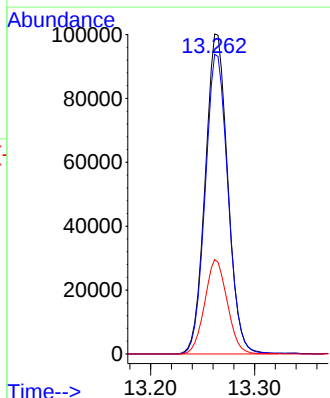
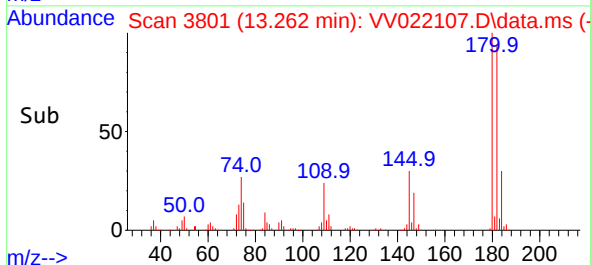


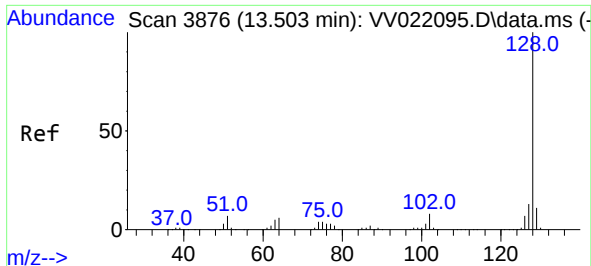
#70
1,2,4-trichlorobenzene
Concen: 40.959 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.003 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00



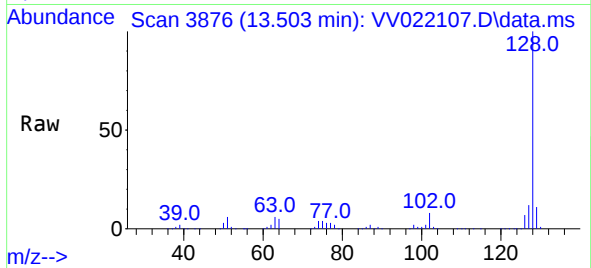
Tgt Ion:180 Resp: 151065

Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.9	113.9
145	29.4	23.8	35.6

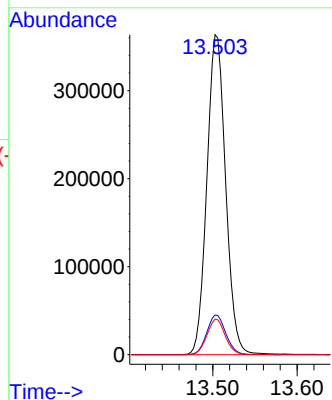




#71
Naphthalene
Concen: 53.078 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00



Tgt Ion:128 Resp: 563120
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.9 8.7 13.1

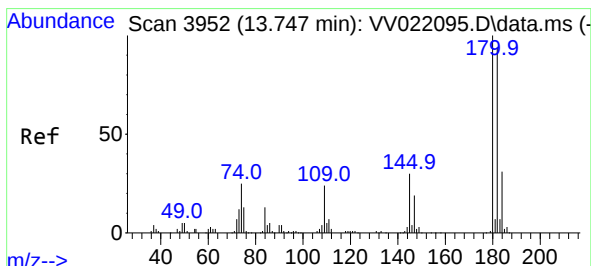


Instrument :
MSVOA_V
ClientSampleId :
DBKM3MSD

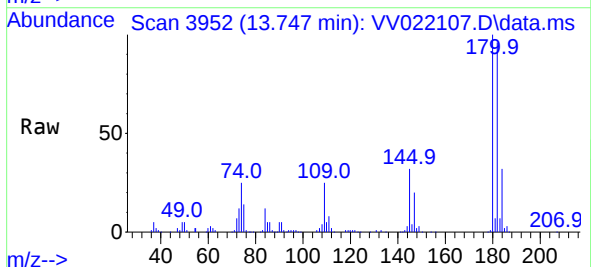
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#72
1,2,3-Trichlorobenzene
Concen: 44.188 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. -0.000 min
Lab File: VV022107.D
Acq: 07 Sep 2021 17:00



Tgt Ion:180 Resp: 158961
Ion Ratio Lower Upper
180 100
182 94.4 76.3 114.5
145 31.8 25.4 38.0

