

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
 Data File : VU044269.D
 Acq On : 30 Jun 2021 18:51
 Operator : SY/MD
 Sample : M2905-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBK36

Manual Integrations
 APPROVED

MMDadoda
 7/1/2021 1:30:11 PM

Quant Time: Jul 01 02:40:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 01 02:36:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	149520	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	141487	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	75833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	37560	4.640	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.919	69	38024	4.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.572	65	19602	4.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.400%
20) 2-Butanone-d5	4.642	46	131235	44.023	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.040%
24) Chloroform-d	5.073	84	91209	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.713	65	52607	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.736	84	182180	5.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.700	67	59329	5.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.903	98	167435	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	8.186	79	24503	4.639	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.639	63	127445	50.655	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.320%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	50063	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.198	152	70886	5.673	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.400%
Target Compounds						
					Qvalue	
13) Acetone	2.655	43	4171m	3.129	ug/L	
14) Carbon disulfide	2.810	76	2128	0.080	ug/L	96
18) trans-1,2-Dichloroethene	3.363	96	3392	0.369	ug/L	95
19) 1,1-Dichloroethane	3.880	63	16122	0.920	ug/L #	87
22) cis-1,2-Dichloroethene	4.674	96	4420	0.440	ug/L	96
30) Cyclohexane	5.401	56	1856	0.113	ug/L	93
42) Toluene	7.977	91	5278	0.129	ug/L	96
51) Chlorobenzene	9.452	112	21900	0.836	ug/L	99
60) Isopropylbenzene	10.488	105	16389	0.355	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	2828	0.136	ug/L	94
65) 1,4-Dichlorobenzene	11.841	146	3533	0.168	ug/L #	87
67) 1,2-Dichlorobenzene	12.218	146	1955	0.100	ug/L #	73

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

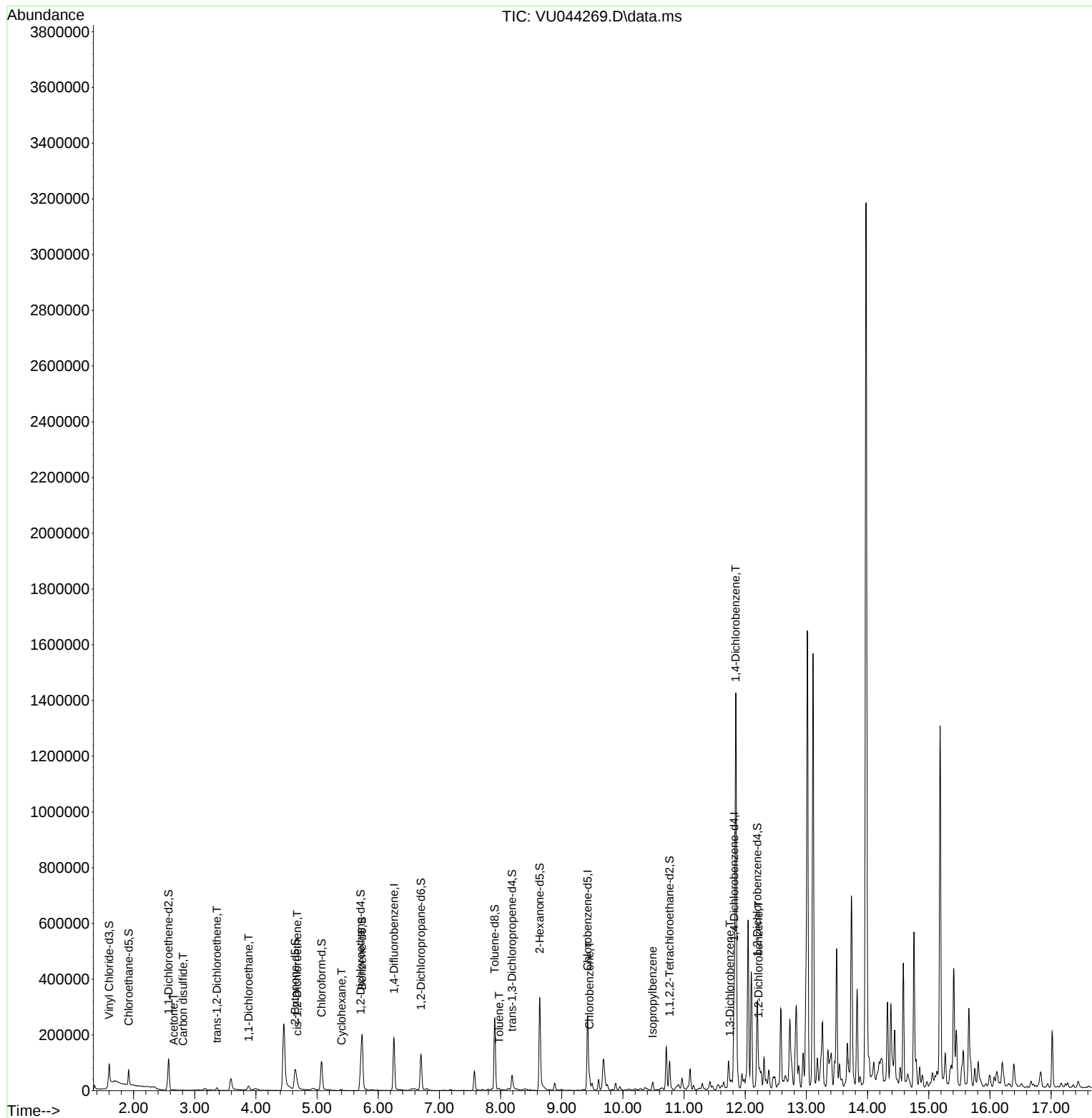
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063021\
Data File : VU044269.D
Acq On : 30 Jun 2021 18:51
Operator : SY/MD
Sample : M2905-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

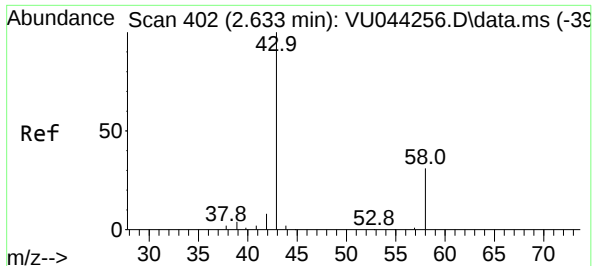
Instrument :
MSVOA_U
ClientSampleId :
DBK36

Manual Integrations
APPROVED

MMDadoda
7/1/2021 1:30:11 PM

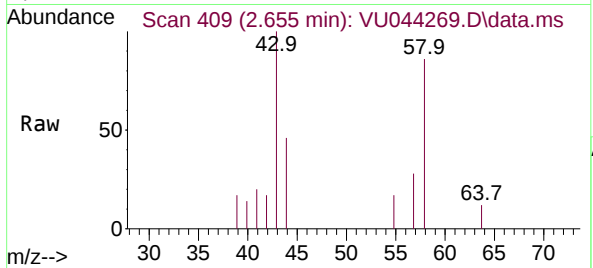
Quant Time: Jul 01 02:40:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 01 02:36:13 2021
Response via : Initial Calibration





#13
Acetone
Concen: 3.129 ug/L m
RT: 2.655 min Scan# 409
Delta R.T. 0.023 min
Lab File: VU044269.D
Acq: 30 Jun 2021 18:51

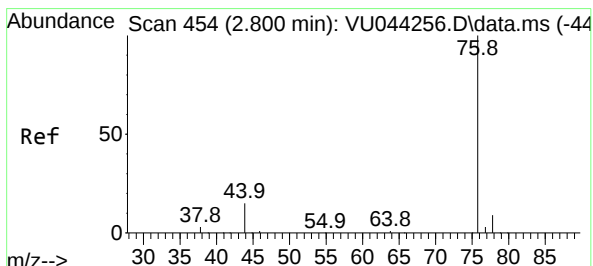
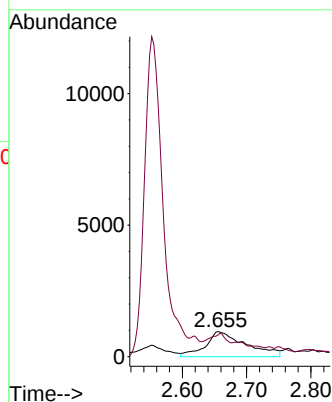
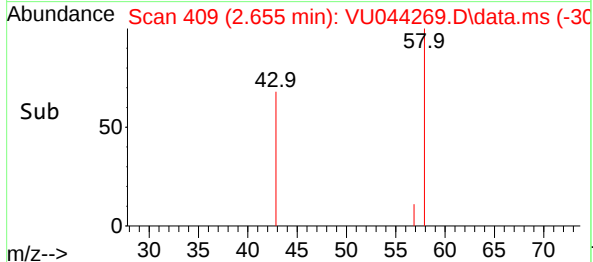
Instrument :
MSVOA_U
ClientSampleId :
DBK36



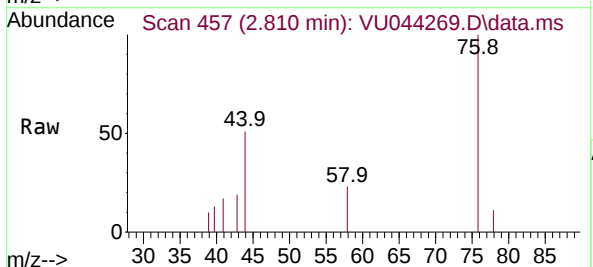
Tgt Ion: 43 Resp: 4171
Ion Ratio Lower Upper
43 100
58 0.0 0.0 53.8

Manual Integrations
APPROVED

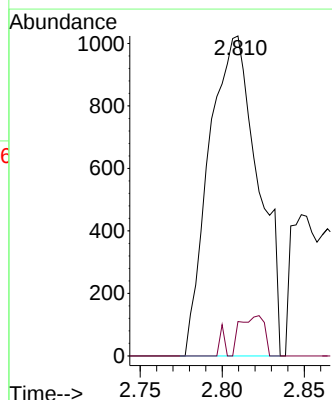
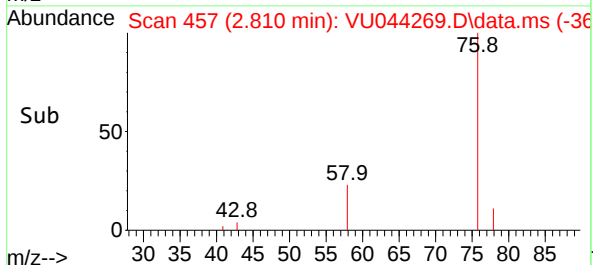
MMDadoda
7/1/2021 1:30:11 PM

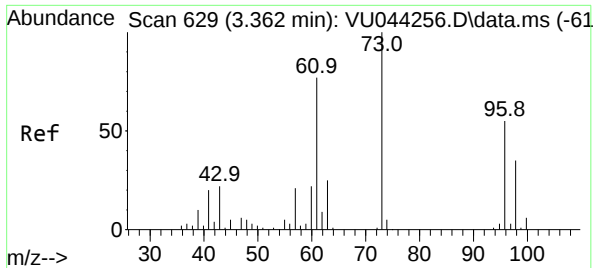


#14
Carbon disulfide
Concen: 0.080 ug/L
RT: 2.810 min Scan# 457
Delta R.T. 0.010 min
Lab File: VU044269.D
Acq: 30 Jun 2021 18:51

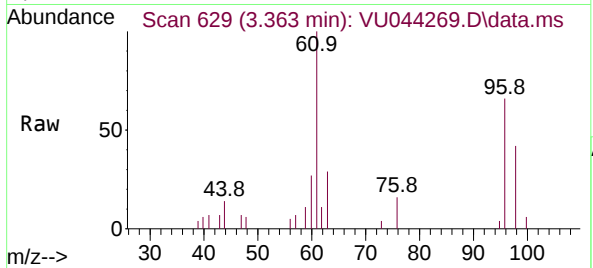


Tgt Ion: 76 Resp: 2128
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.2

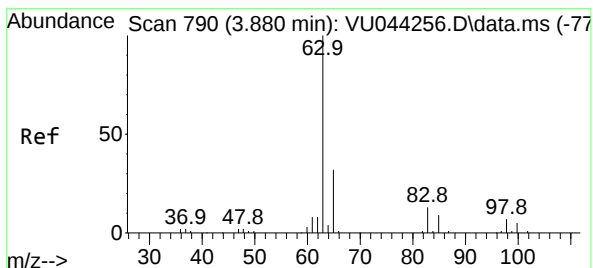
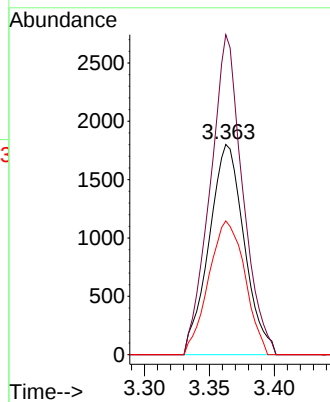
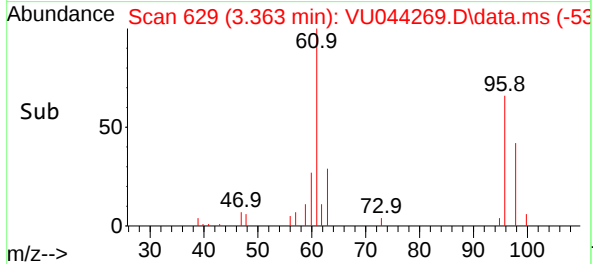




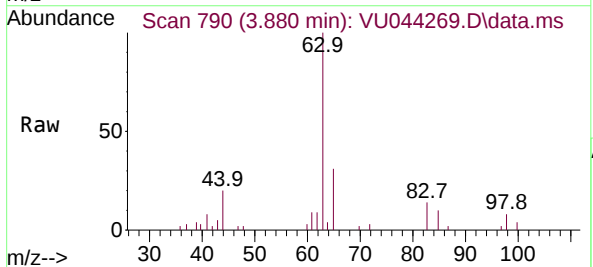
#18
trans-1,2-Dichloroethene
Concen: 0.369 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU044269.D
Acq: 30 Jun 2021 18:51



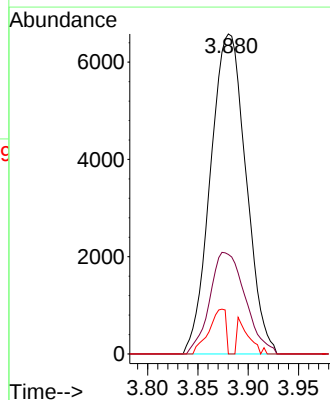
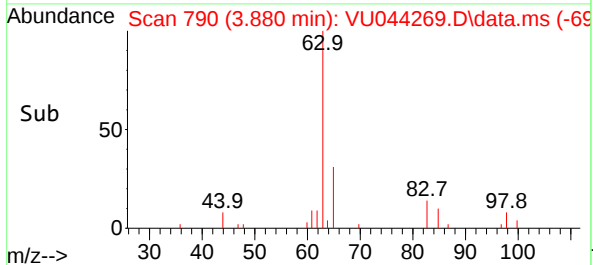
Tgt Ion: 96 Resp: 3392
Ion Ratio Lower Upper
96 100
61 152.2 100.2 186.2
98 63.6 44.9 83.5



#19
1,1-Dichloroethane
Concen: 0.920 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.000 min
Lab File: VU044269.D
Acq: 30 Jun 2021 18:51



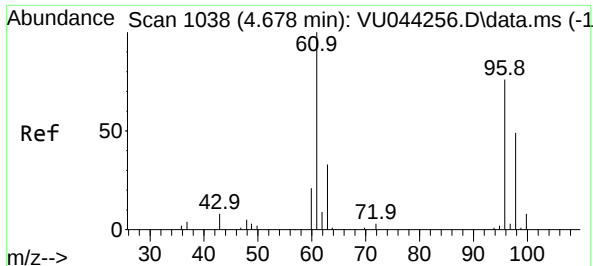
Tgt Ion: 63 Resp: 16122
Ion Ratio Lower Upper
63 100
65 29.8 22.3 41.3
83 0.0 9.9 18.5#



Instrument :
MSVOA_U
ClientSampleId :
DBK36

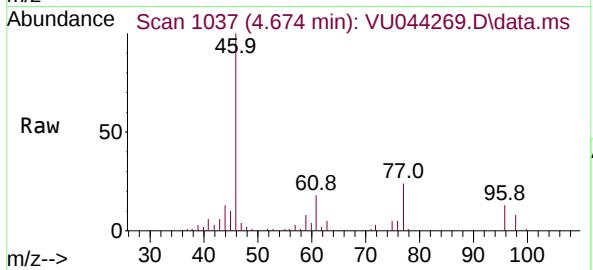
Manual Integrations
APPROVED

MMDadoda
7/1/2021 1:30:11 PM

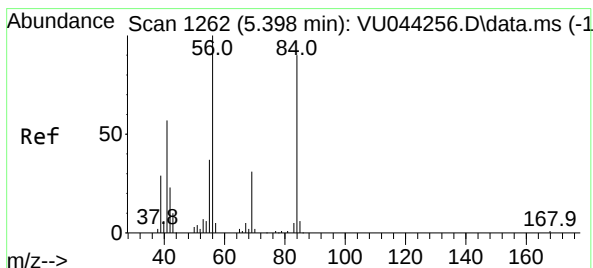
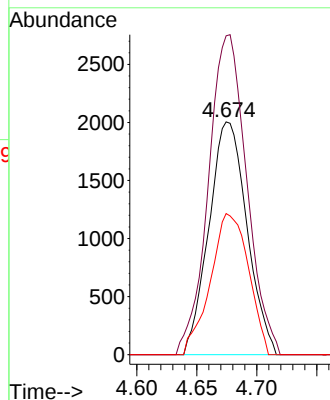
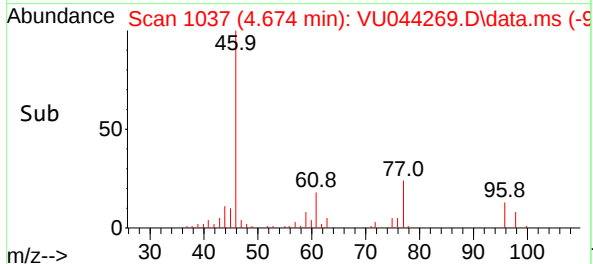


#22

cis-1,2-Dichloroethene
Concen: 0.440 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU044269.D
Acq: 30 Jun 2021 18:51

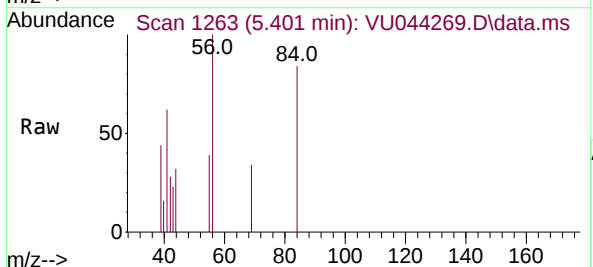


Tgt Ion:	96	Resp:	4420
Ion	Ratio	Lower	Upper
96	100		
61	137.0	98.8	183.6
98	60.6	44.8	83.2

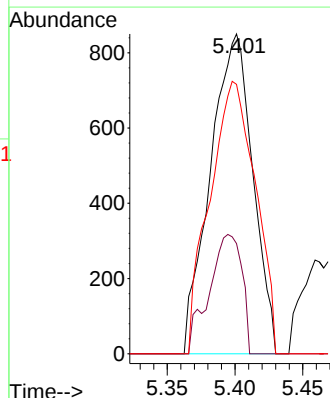
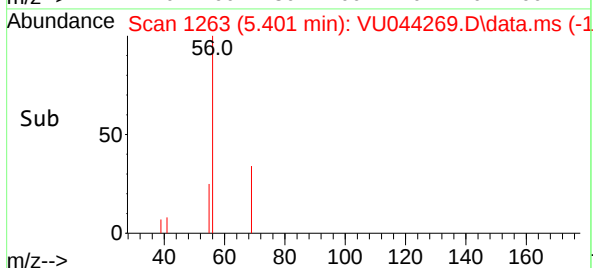


#30

Cyclohexane
Concen: 0.113 ug/L
RT: 5.401 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VU044269.D
Acq: 30 Jun 2021 18:51



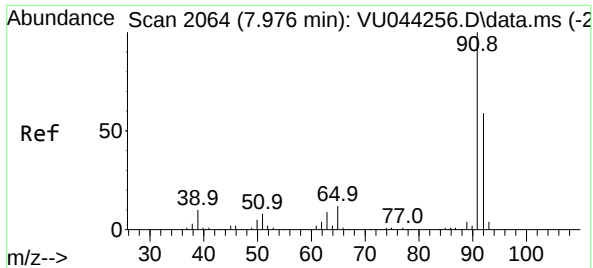
Tgt Ion:	56	Resp:	1856
Ion	Ratio	Lower	Upper
56	100		
69	28.6	24.8	37.2
84	91.5	67.8	101.8



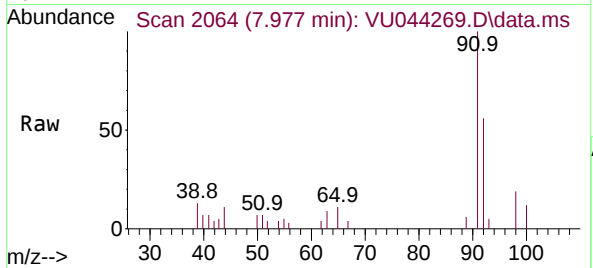
Instrument :
MSVOA_U
ClientSampleId :
DBK36

Manual Integrations
APPROVED

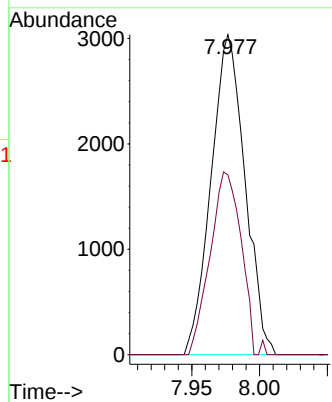
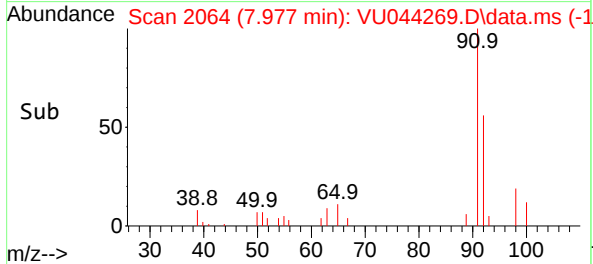
MMDadoda
7/1/2021 1:30:11 PM



#42
Toluene
Concen: 0.129 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044269.D
Acq: 30 Jun 2021 18:51



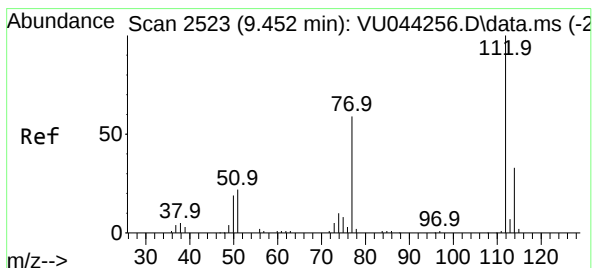
Tgt Ion: 91 Resp: 5278
Ion Ratio Lower Upper
91 100
92 56.2 41.2 76.6



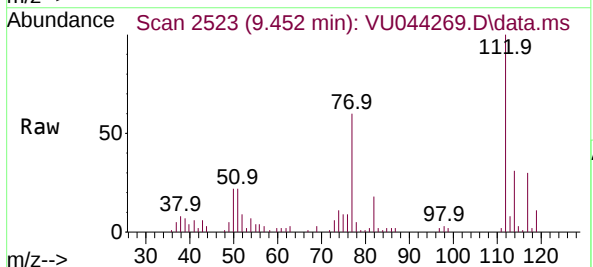
Instrument :
MSVOA_U
ClientSampled :
DBK36

Manual Integrations
APPROVED

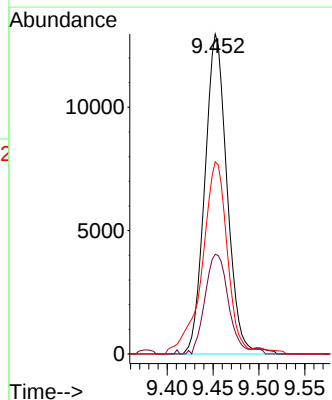
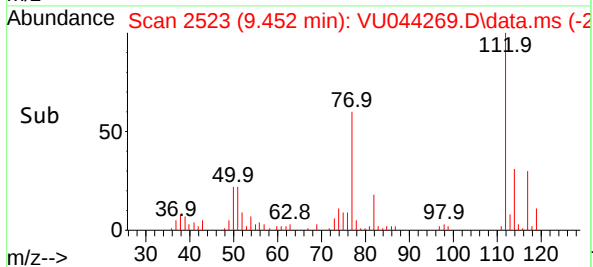
MMDadoda
7/1/2021 1:30:11 PM

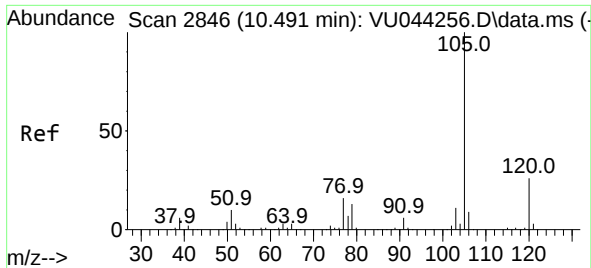


#51
Chlorobenzene
Concen: 0.836 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU044269.D
Acq: 30 Jun 2021 18:51



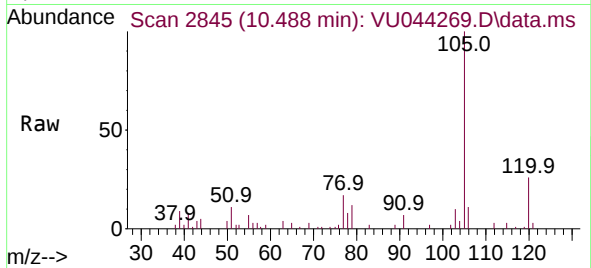
Tgt Ion: 112 Resp: 21900
Ion Ratio Lower Upper
112 100
114 31.1 22.0 41.0
77 60.0 48.9 73.3





#60
Isopropylbenzene
Concen: 0.355 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.003 min
Lab File: VU044269.D
Acq: 30 Jun 2021 18:51

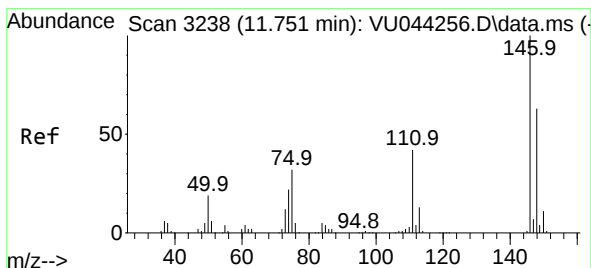
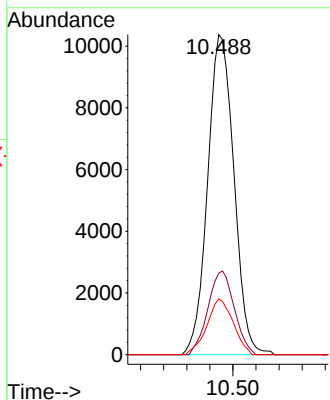
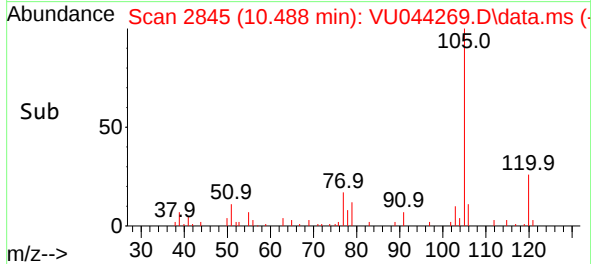
Instrument :
MSVOA_U
ClientSampled :
DBK36



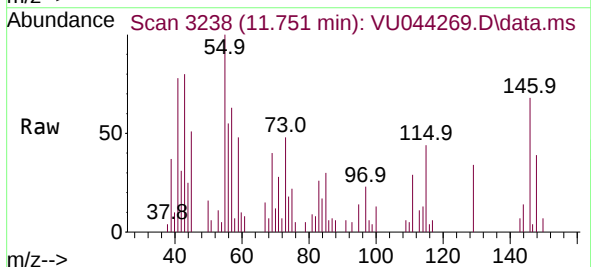
Tgt Ion:105 Resp: 16389
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 17.4 12.9 19.3

Manual Integrations
APPROVED

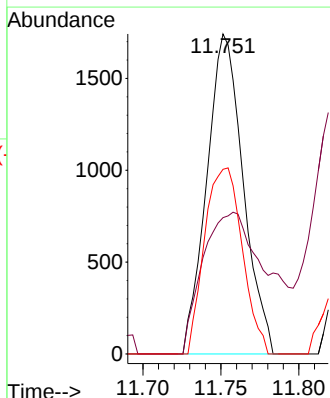
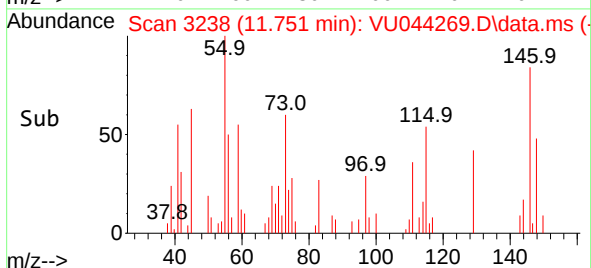
MMDadoda
7/1/2021 1:30:11 PM

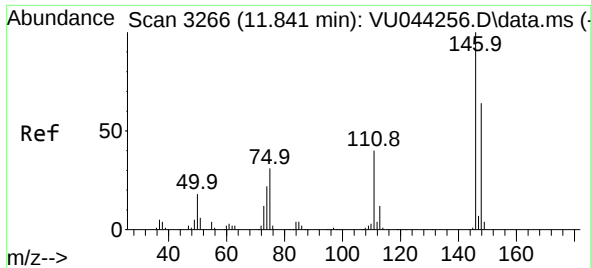


#64
1,3-Dichlorobenzene
Concen: 0.136 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044269.D
Acq: 30 Jun 2021 18:51



Tgt Ion:146 Resp: 2828
Ion Ratio Lower Upper
146 100
111 42.6 29.8 55.3
148 57.7 45.8 85.2





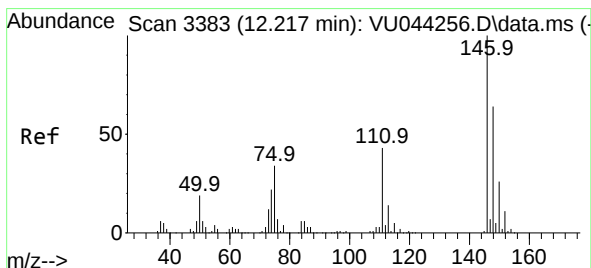
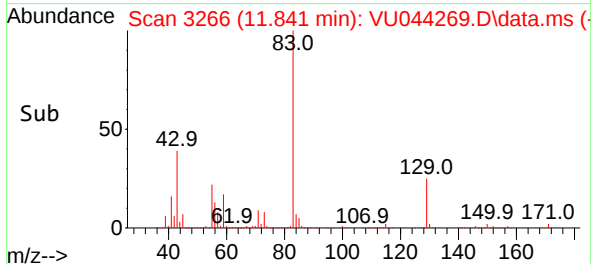
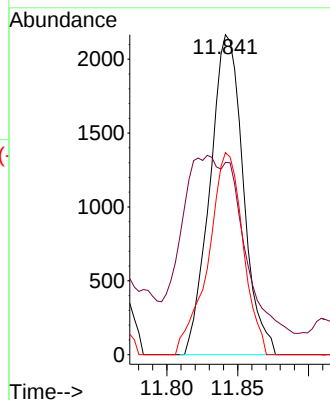
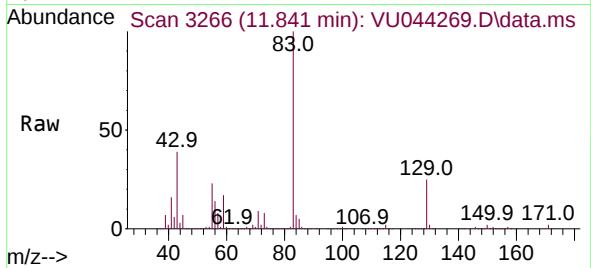
#65
1,4-Dichlorobenzene
Concen: 0.168 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044269.D
Acq: 30 Jun 2021 18:51

Tgt Ion:146 Resp: 3533
Ion Ratio Lower Upper
146 100
111 60.1 28.2 52.4#
148 63.2 45.1 83.9

Instrument :
MSVOA_U
ClientSampled :
DBK36

Manual Integrations
APPROVED

MMDadoda
7/1/2021 1:30:11 PM



#67
1,2-Dichlorobenzene
Concen: 0.100 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044269.D
Acq: 30 Jun 2021 18:51

Tgt Ion:146 Resp: 1955
Ion Ratio Lower Upper
146 100
111 71.7 35.0 52.6#
148 76.1 51.2 76.8

