

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091421\
 Data File : VU044627.D
 Acq On : 14 Sep 2021 13:54
 Operator : SY/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 9:54:45 AM

Quant Time: Sep 15 02:15:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 15 01:41:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	133244	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	136844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	66068	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	33265	4.231	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.919	69	36014	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.575	65	17319	4.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.645	46	167359m	50.782	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.560%
24) Chloroform-d	5.073	84	77019	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.710	65	47170	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.735	84	155683	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.697	67	53761	4.692	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.902	98	130924	4.310	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.185	79	17729	4.389	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.645	63	125587	48.375	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.760%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	48322	4.756	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	50140	4.599	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	2492	0.235	ug/L	98
3) Chloromethane	1.520	50	3205	0.251	ug/L	88
5) Vinyl chloride	1.607	62	3172	0.243	ug/L #	58
6) Bromomethane	1.861	94	1633	0.245	ug/L	84
8) Chloroethane	1.938	64	2741	0.330	ug/L	89
9) Trichlorofluoromethane	2.144	101	3624	0.247	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	2599	0.289	ug/L	88
12) 1,1-Dichloroethene	2.584	96	2445	0.286	ug/L #	1
13) Acetone	2.645	43	3639	1.695	ug/L	95
14) Carbon disulfide	2.800	76	6006	0.222	ug/L	98
15) Methyl Acetate	2.961	43	1521	0.392	ug/L #	55
16) Methylene chloride	3.054	84	6885	0.506	ug/L	95
17) Methyl tert-butyl Ether	3.379	73	5511	0.233	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	2023	0.222	ug/L	96
19) 1,1-Dichloroethane	3.880	63	4781	0.260	ug/L	96
21) 2-Butanone	4.729	43	7273m	2.029	ug/L	
22) cis-1,2-Dichloroethene	4.681	96	2368	0.236	ug/L	95
23) Bromochloromethane	4.986	128	1009	0.237	ug/L	78
25) Chloroform	5.096	83	10445	0.533	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091421\
 Data File : VU044627.D
 Acq On : 14 Sep 2021 13:54
 Operator : SY/MD
 Sample : MDL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 9:54:45 AM

Quant Time: Sep 15 02:15:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 15 01:41:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	3346	0.261	ug/L	96
29) 1,1,1-Trichloroethane	5.324	97	3422	0.229	ug/L	99
30) Cyclohexane	5.398	56	3590	0.210	ug/L	93
31) Carbon tetrachloride	5.530	117	2721	0.233	ug/L	96
33) Benzene	5.784	78	9908	0.244	ug/L	100
34) Trichloroethene	6.546	95	2394	0.238	ug/L	98
35) Methylcyclohexane	6.767	83	3879	0.235	ug/L	95
37) 1,2-Dichloropropane	6.800	63	2621	0.241	ug/L #	88
38) Bromodichloromethane	7.112	83	3114	0.236	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	3457	0.224	ug/L	93
40) 4-Methyl-2-pentanone	7.803	43	18125	2.140	ug/L #	90
42) Toluene	7.973	91	11316	0.267	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	3560m	0.271	ug/L	
45) 1,1,2-Trichloroethane	8.410	97	1765	0.228	ug/L	97
47) Tetrachloroethene	8.558	164	1569	0.225	ug/L	94
48) 2-Hexanone	8.697	43	20500	3.251	ug/L #	94
49) Dibromochloromethane	8.812	129	1851	0.228	ug/L	82
50) 1,2-Dibromoethane	8.928	107	1680	0.231	ug/L #	81
51) Chlorobenzene	9.452	112	6187	0.235	ug/L	96
52) Ethylbenzene	9.574	91	10165	0.221	ug/L	100
53) m,p-Xylene	9.700	106	3673	0.210	ug/L	95
54) o-Xylene	10.105	106	3575	0.214	ug/L	90
55) Styrene	10.121	104	5561	0.190	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	2554	0.246	ug/L	88
59) Bromoform	10.298	173	939	0.229	ug/L #	90
60) Isopropylbenzene	10.491	105	9067	0.219	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	2014	0.276	ug/L	95
62) 1,3,5-Trimethylbenzene	11.092	105	7056	0.205	ug/L	97
63) 1,2,4-Trimethylbenzene	11.471	105	7337	0.208	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	4669	0.242	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	4822	0.242	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	4558	0.249	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.002	75	375	0.234	ug/L #	86
69) 1,3,5-Trichlorobenzene	13.224	180	3296	0.225	ug/L	92
70) 1,2,4-trichlorobenzene	13.844	180	2397	0.194	ug/L #	93
71) Naphthalene	14.092	128	4228	0.175	ug/L #	92
72) 1,2,3-Trichlorobenzene	14.336	180	2374	0.209	ug/L	91

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

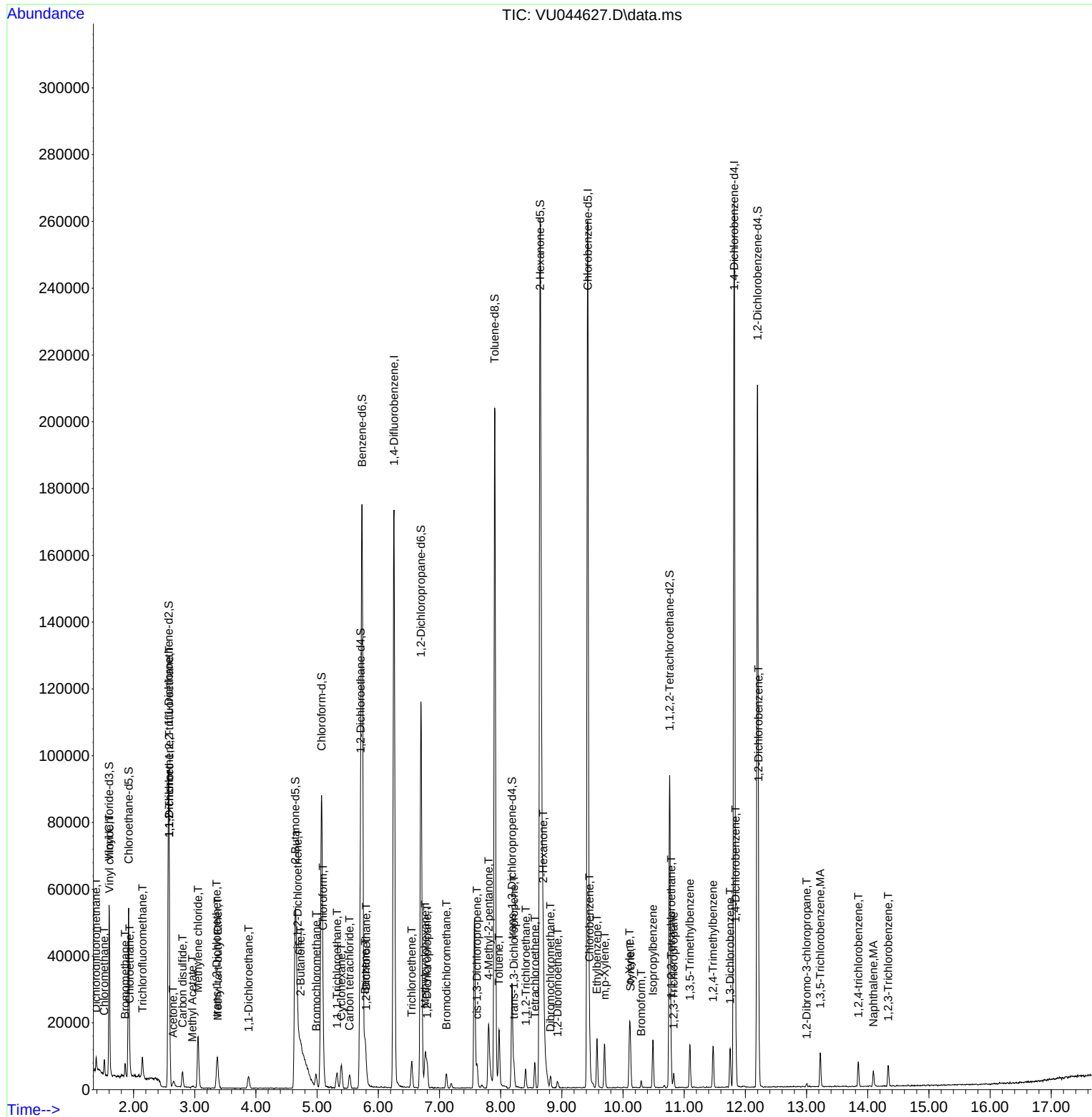
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091421\
Data File : VU044627.D
Acq On : 14 Sep 2021 13:54
Operator : SY/MD
Sample : MDL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

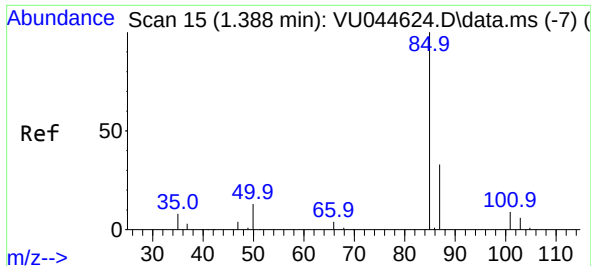
Instrument :
MSVOA_U
ClientSampleId :
MDL01

Manual Integrations
APPROVED

MMDadoda
9/15/2021 9:54:45 AM

Quant Time: Sep 15 02:15:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 15 01:41:41 2021
Response via : Initial Calibration





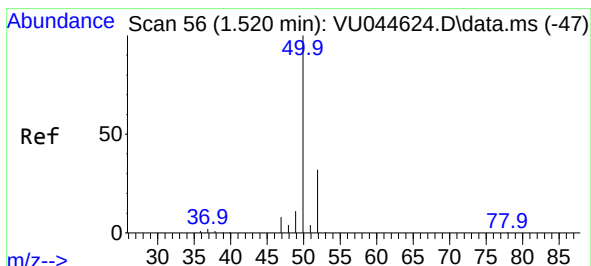
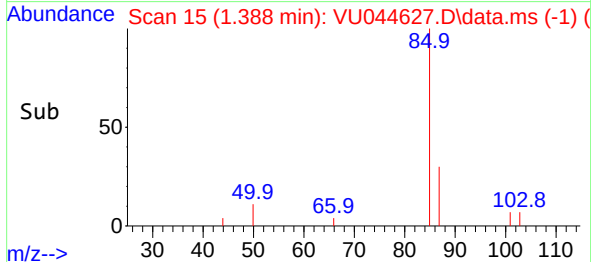
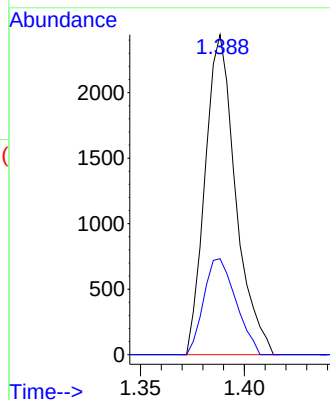
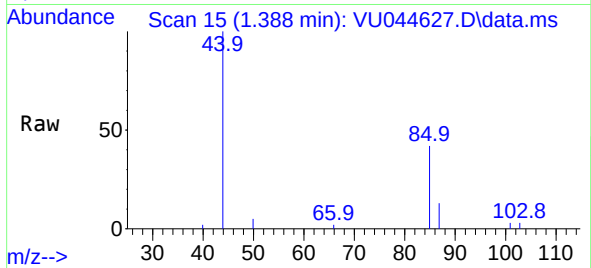
#2
Dichlorodifluoromethane
Concen: 0.235 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 85 Resp: 2492
Ion Ratio Lower Upper
85 100
87 31.5 26.0 39.0

Instrument :
MSVOA_U
ClientSampleId :
MDL01

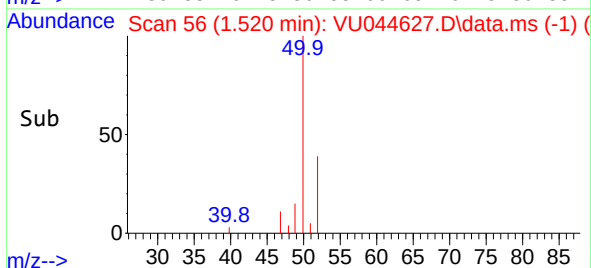
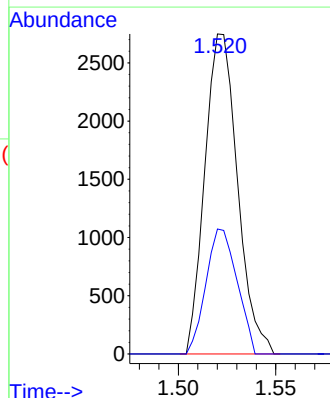
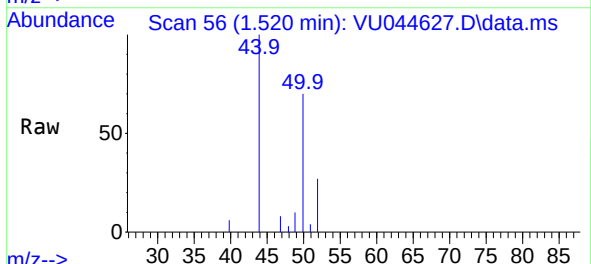
Manual Integrations
APPROVED

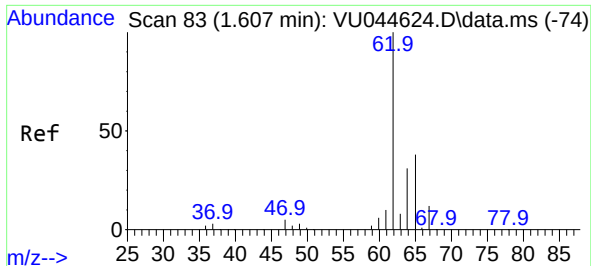
MMDadoda
9/15/2021 9:54:45 AM



#3
Chloromethane
Concen: 0.251 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

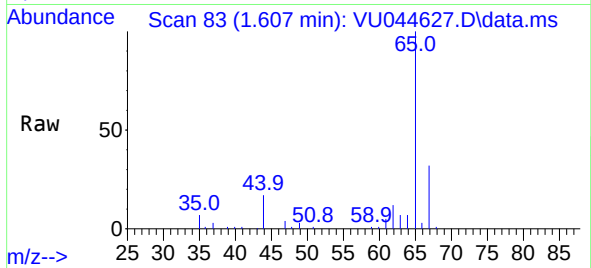
Tgt Ion: 50 Resp: 3205
Ion Ratio Lower Upper
50 100
52 39.0 22.6 42.0





#5
 Vinyl chloride
 Concen: 0.243 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044627.D
 Acq: 14 Sep 2021 13:54

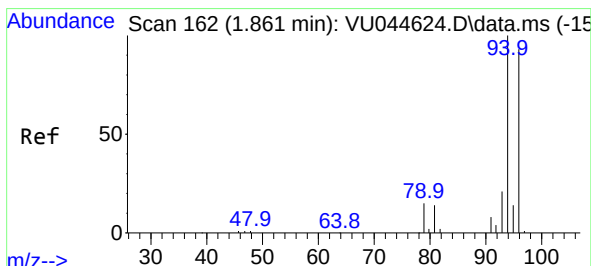
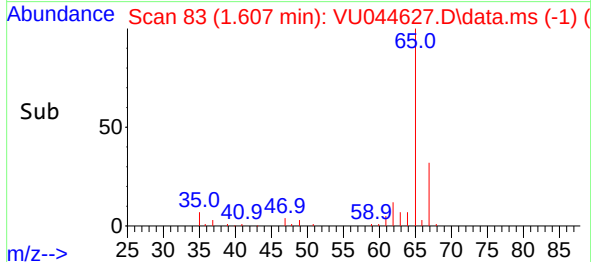
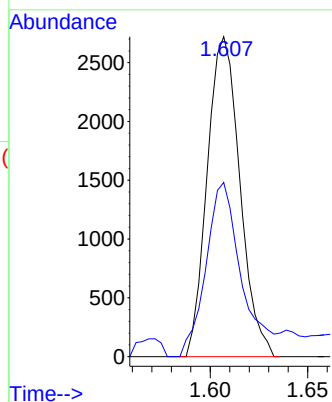
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01



Tgt Ion: 62 Resp: 3172
 Ion Ratio Lower Upper
 62 100
 64 54.4 22.0 40.8#

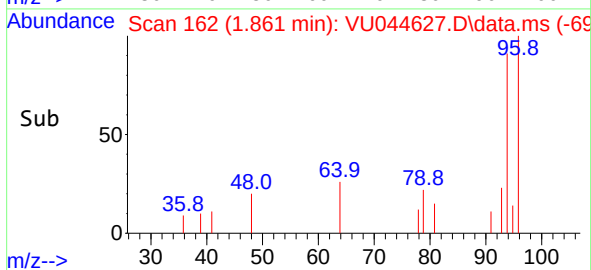
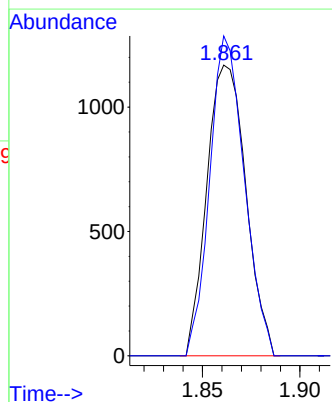
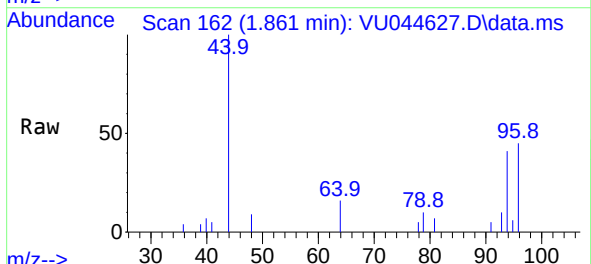
Manual Integrations
 APPROVED

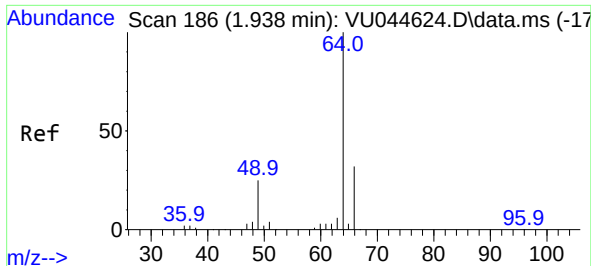
MMDadoda
 9/15/2021 9:54:45 AM



#6
 Bromomethane
 Concen: 0.245 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU044627.D
 Acq: 14 Sep 2021 13:54

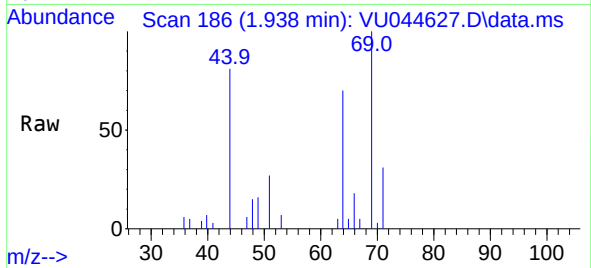
Tgt Ion: 94 Resp: 1633
 Ion Ratio Lower Upper
 94 100
 96 110.0 66.4 123.4





#8
Chloroethane
Concen: 0.330 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

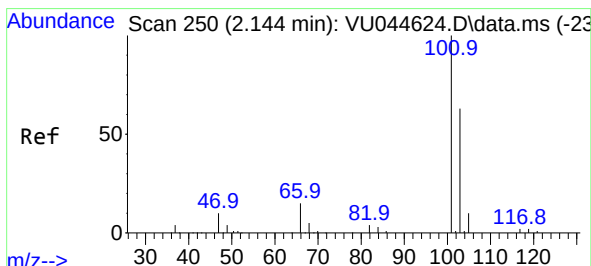
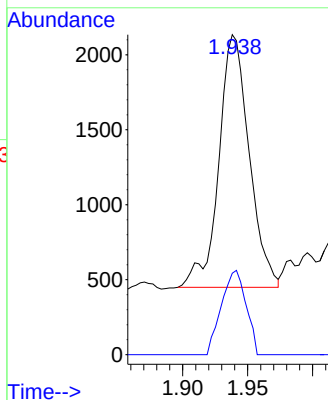
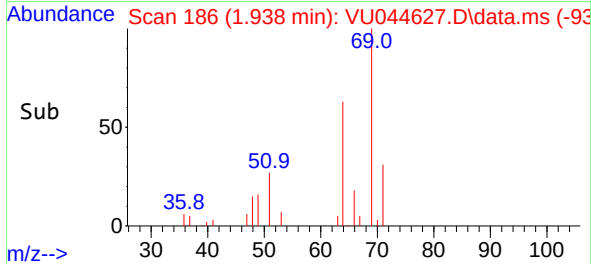
Instrument :
MSVOA_U
ClientSampled :
MDL01



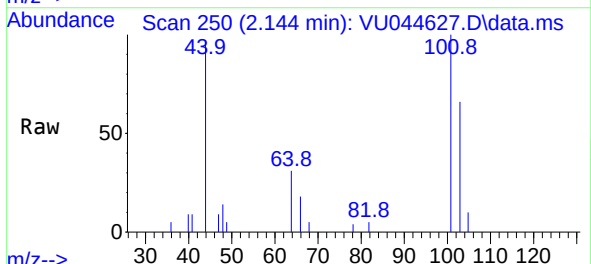
Tgt Ion: 64 Resp: 2741
Ion Ratio Lower Upper
64 100
66 25.4 22.1 41.1

Manual Integrations
APPROVED

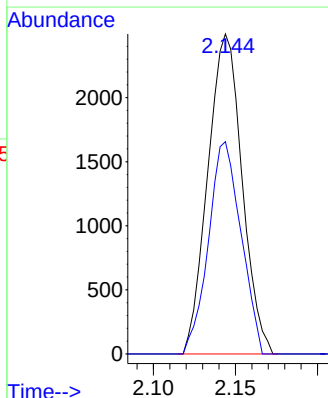
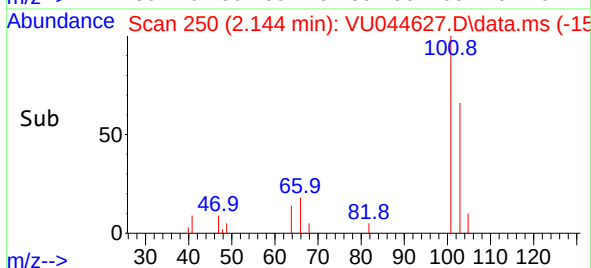
MMDadoda
9/15/2021 9:54:45 AM

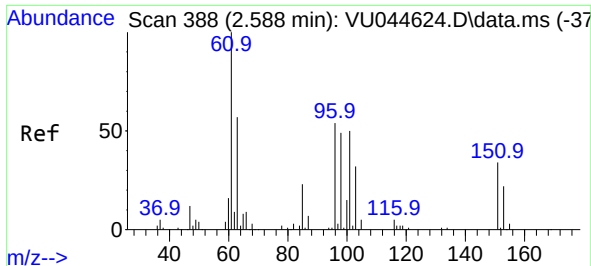


#9
Trichlorofluoromethane
Concen: 0.247 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54



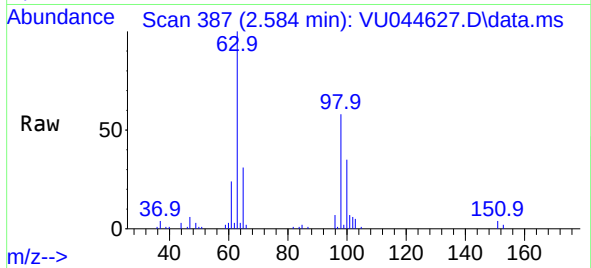
Tgt Ion: 101 Resp: 3624
Ion Ratio Lower Upper
101 100
103 62.8 51.2 76.8





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.289 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

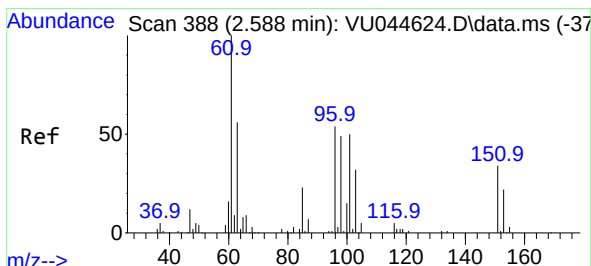
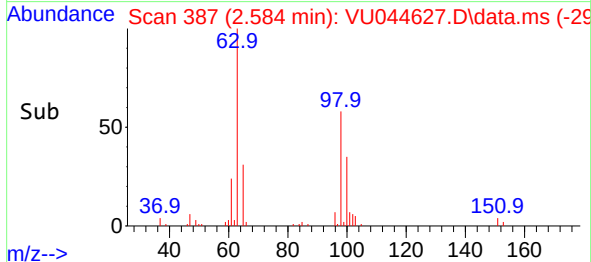
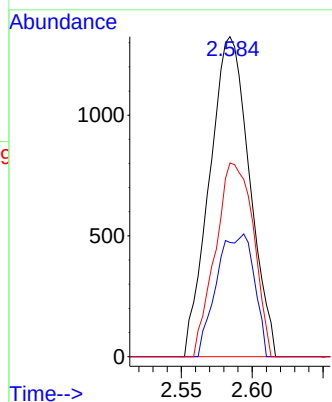
Instrument :
MSVOA_U
ClientSampled :
MDL01



Tgt Ion:101 Resp: 2599
Ion Ratio Lower Upper
101 100
85 36.0 35.4 53.2
151 57.6 53.9 80.9

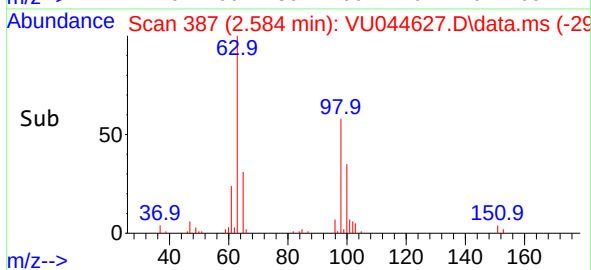
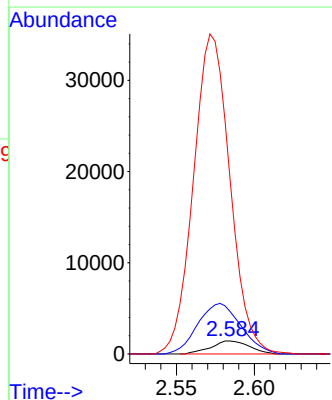
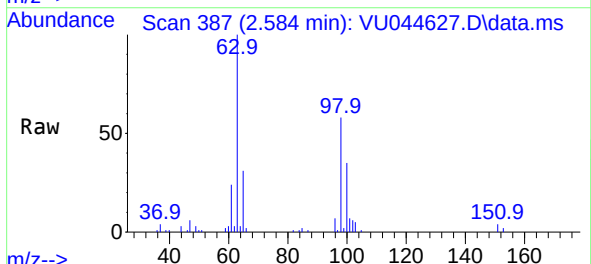
Manual Integrations
APPROVED

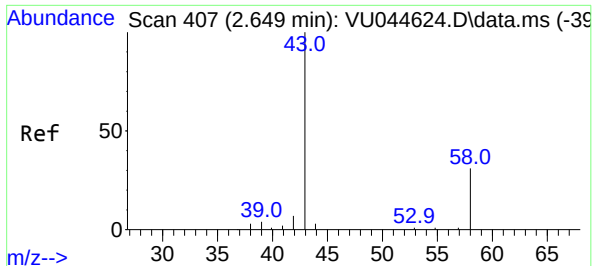
MMDadoda
9/15/2021 9:54:45 AM



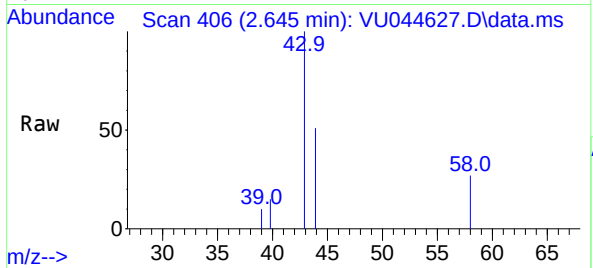
#12
1,1-Dichloroethene
Concen: 0.286 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 96 Resp: 2445
Ion Ratio Lower Upper
96 100
61 326.6 129.3 240.1#
63 1352.0 91.3 169.5#

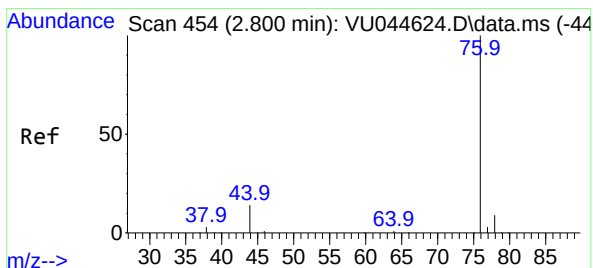
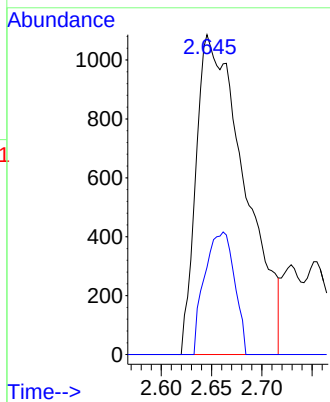
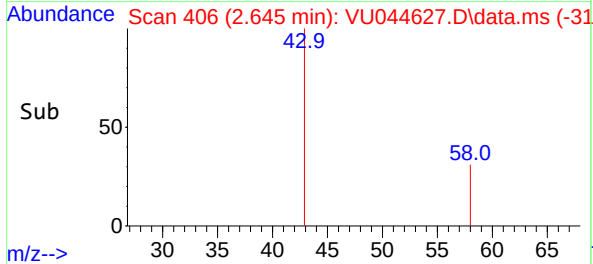




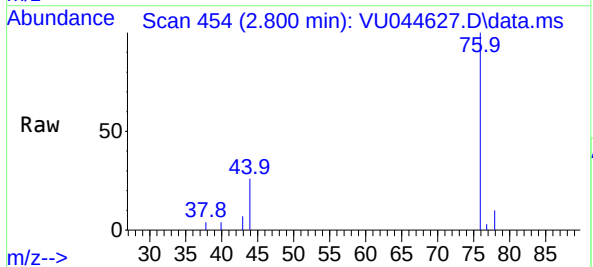
#13
Acetone
Concen: 1.695 ug/L
RT: 2.645 min Scan# 406
Delta R.T. -0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54



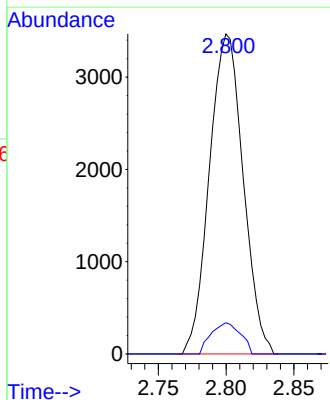
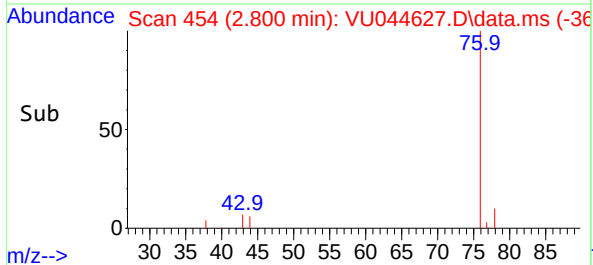
Tgt Ion: 43 Resp: 3639
Ion Ratio Lower Upper
43 100
58 23.5 0.0 42.4



#14
Carbon disulfide
Concen: 0.222 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54



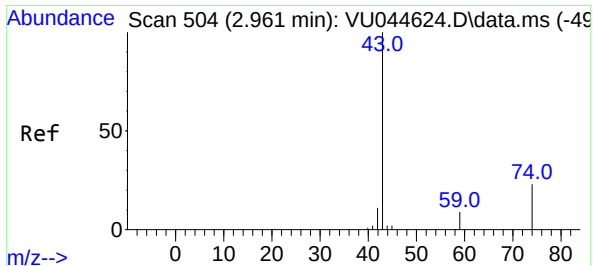
Tgt Ion: 76 Resp: 6006
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0



Instrument :
MSVOA_U
ClientSampled :
MDL01

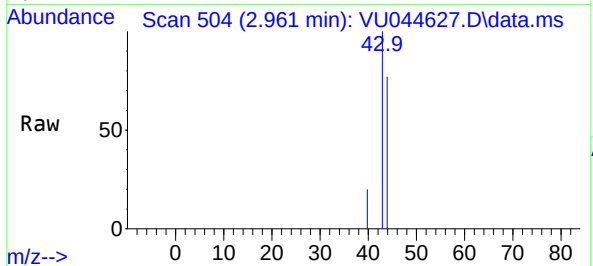
Manual Integrations
APPROVED

MMDadoda
9/15/2021 9:54:45 AM



#15
Methyl Acetate
Concen: 0.392 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

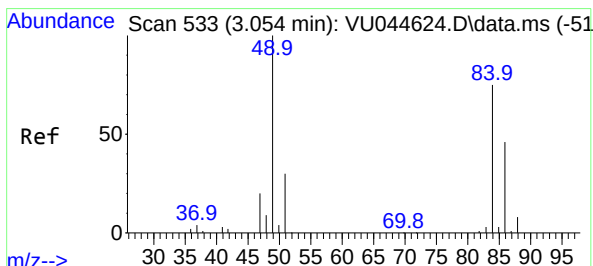
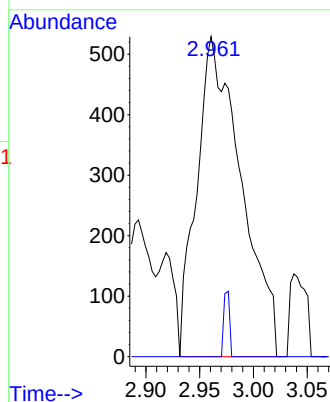
Instrument :
MSVOA_U
ClientSampled :
MDL01



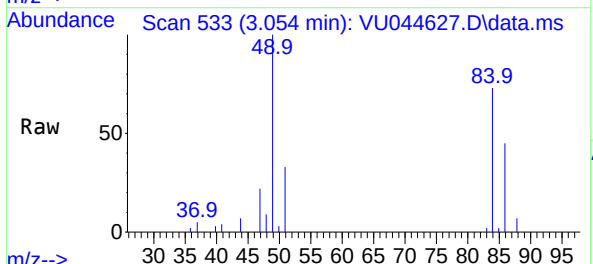
Tgt Ion: 43 Resp: 1521
Ion Ratio Lower Upper
43 100
74 2.7 20.6 30.8#

Manual Integrations
APPROVED

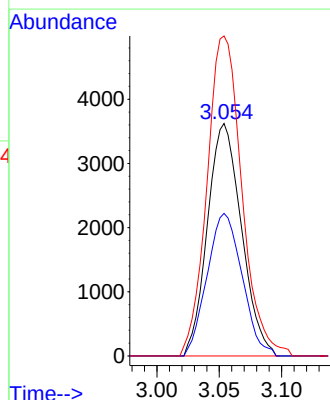
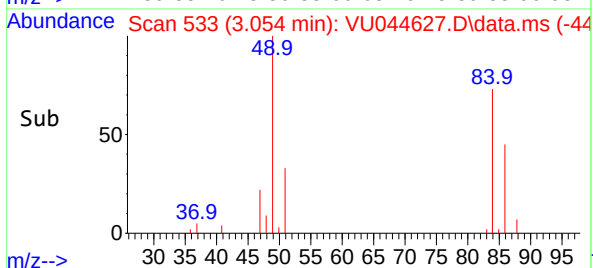
MMDadoda
9/15/2021 9:54:45 AM

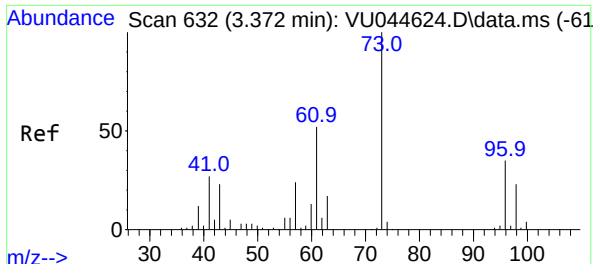


#16
Methylene chloride
Concen: 0.506 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54



Tgt Ion: 84 Resp: 6885
Ion Ratio Lower Upper
84 100
86 61.3 45.8 85.2
49 137.7 92.9 172.5





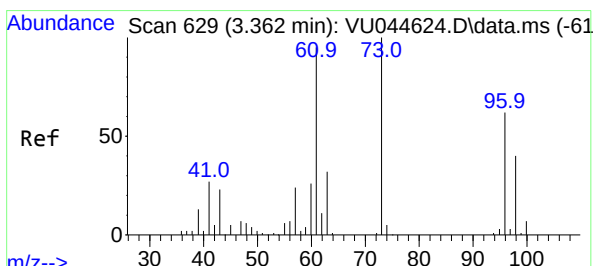
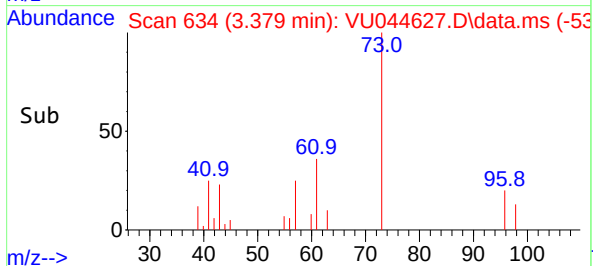
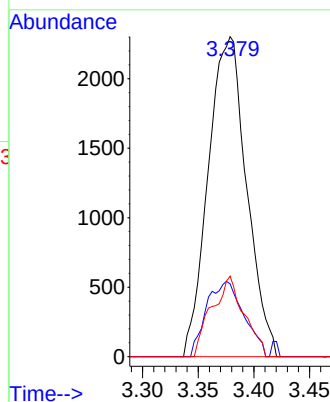
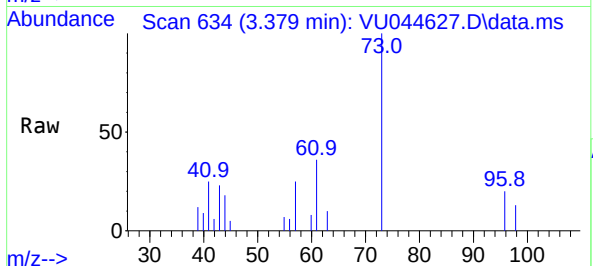
#17
Methyl tert-butyl Ether
Concen: 0.233 ug/L
RT: 3.379 min Scan# 634
Delta R.T. 0.006 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 73	Resp: 5511
Ion Ratio	Lower Upper
73 100	
43 22.9	17.8 26.6
57 21.2	18.6 27.8

Instrument :
MSVOA_U
ClientSampled :
MDL01

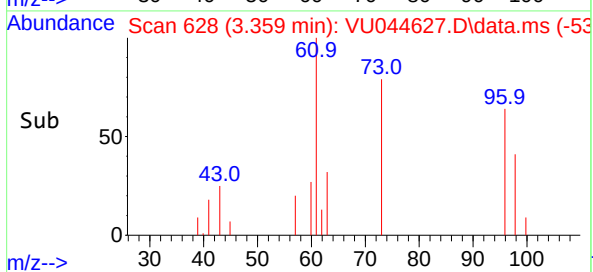
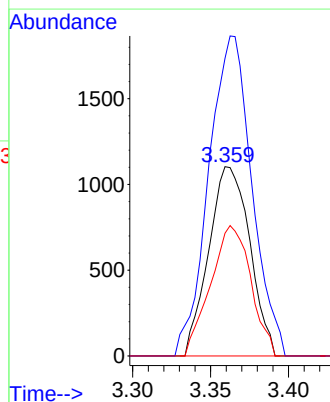
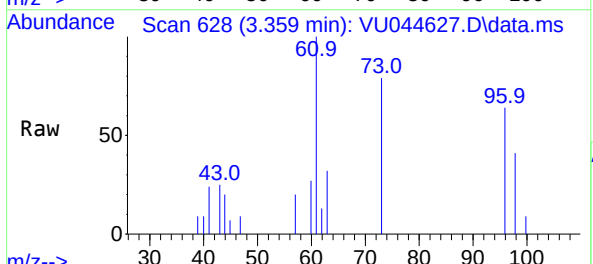
Manual Integrations
APPROVED

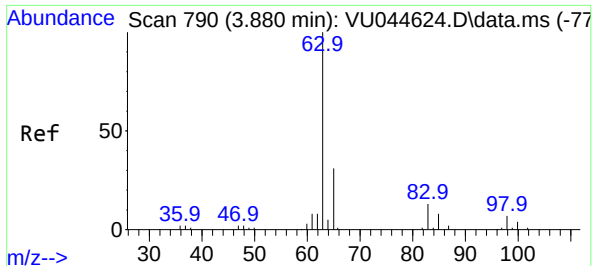
MMDadoda
9/15/2021 9:54:45 AM



#18
trans-1,2-Dichloroethene
Concen: 0.222 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 96	Resp: 2023
Ion Ratio	Lower Upper
96 100	
61 157.2	107.2 199.0
98 64.9	42.8 79.6





#19

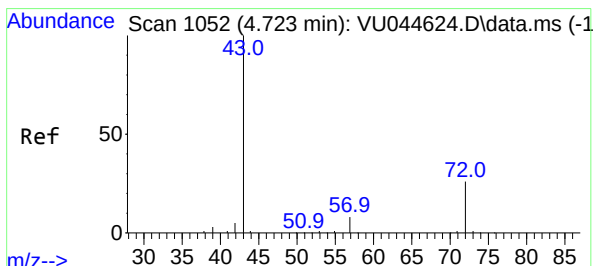
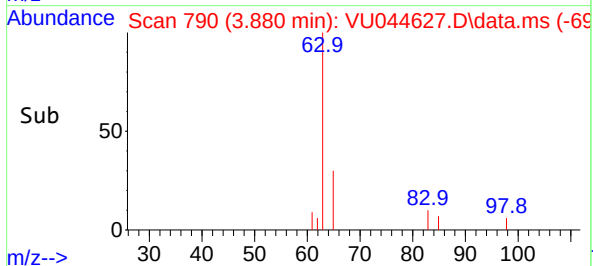
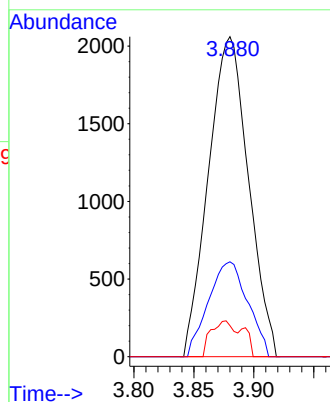
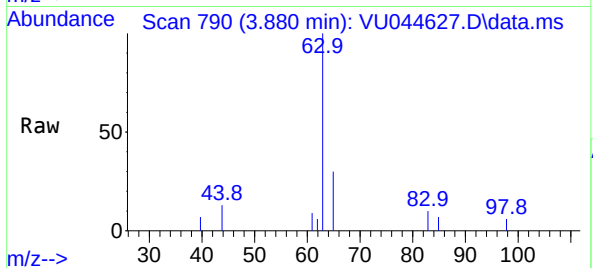
1,1-Dichloroethane
Concen: 0.260 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:	63	Resp:	4781
Ion	Ratio	Lower	Upper
63	100		
65	29.6	21.8	40.6
83	9.7	8.8	16.3

Instrument :
MSVOA_U
ClientSampled :
MDL01

Manual Integrations
APPROVED

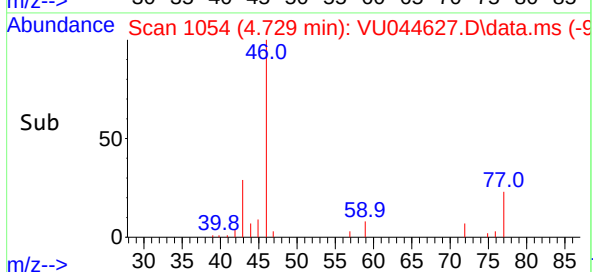
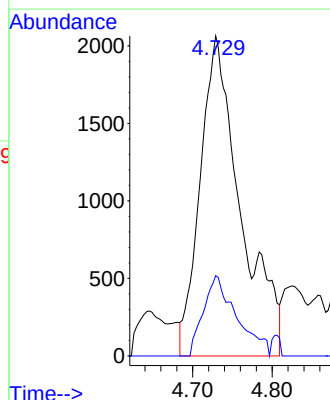
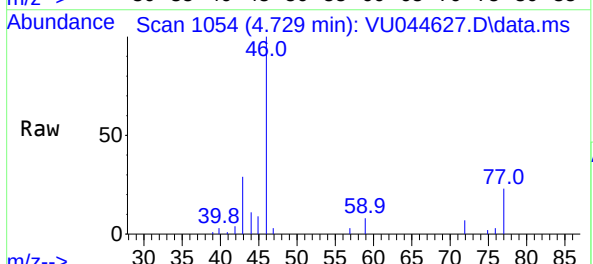
MMDadoda
9/15/2021 9:54:45 AM

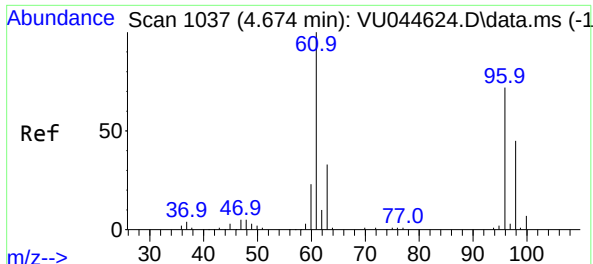


#21

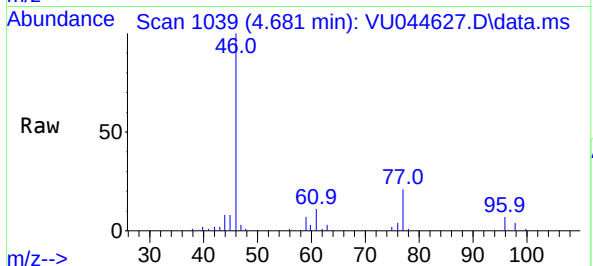
2-Butanone
Concen: 2.029 ug/L m
RT: 4.729 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:	43	Resp:	7273
Ion	Ratio	Lower	Upper
43	100		
72	20.6	9.2	27.4

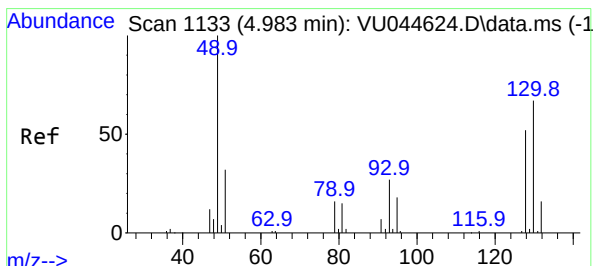
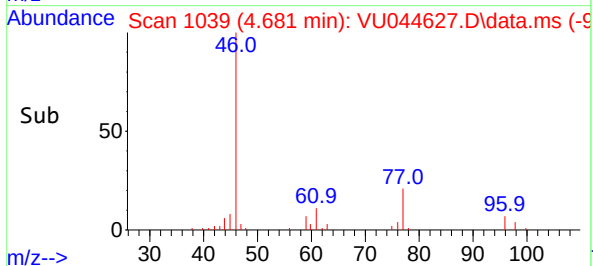
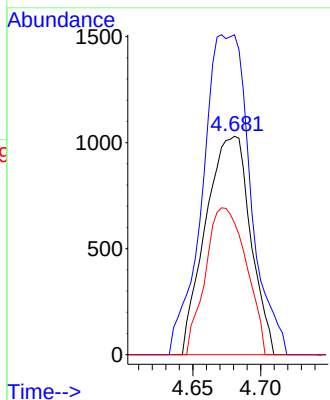




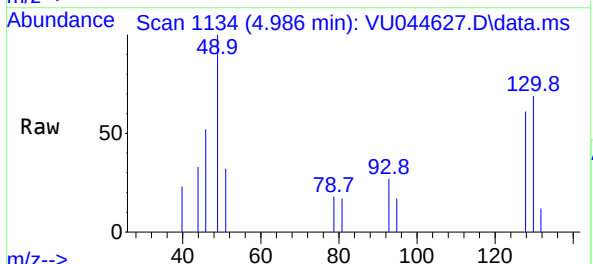
#22
 cis-1,2-Dichloroethene
 Concen: 0.236 ug/L
 RT: 4.681 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VU044627.D
 Acq: 14 Sep 2021 13:54



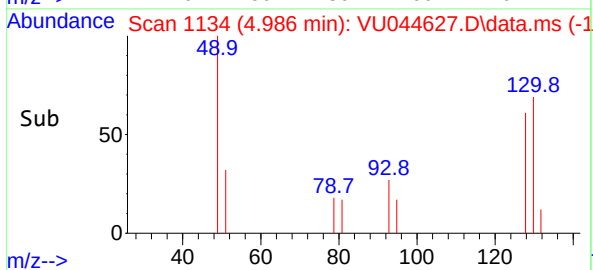
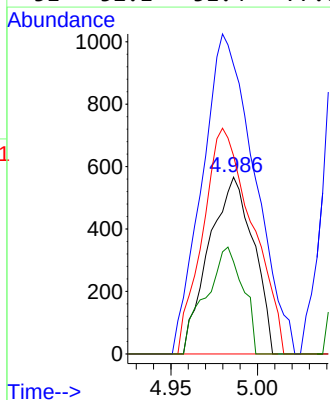
Tgt Ion: 96	Resp: 2368
Ion Ratio	Lower Upper
96 100	
61 146.4	96.9 179.9
98 60.3	43.5 80.7



#23
 Bromochloromethane
 Concen: 0.237 ug/L
 RT: 4.986 min Scan# 1134
 Delta R.T. 0.003 min
 Lab File: VU044627.D
 Acq: 14 Sep 2021 13:54



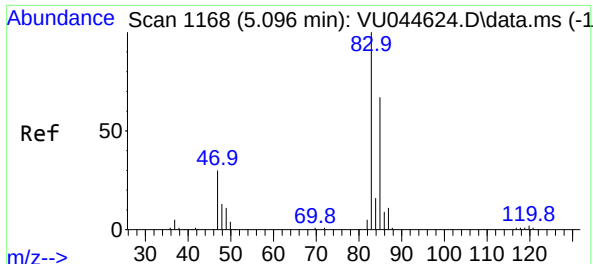
Tgt	Ion:128	Resp:	1009
Ion	Ratio	Lower	Upper
128	100		
49	163.6	141.4	262.6
130	112.2	94.3	175.1
51	52.1	51.4	77.0



Instrument :
 MSVOA_U
 ClientSampled :
 MDL01

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 9:54:45 AM



#25

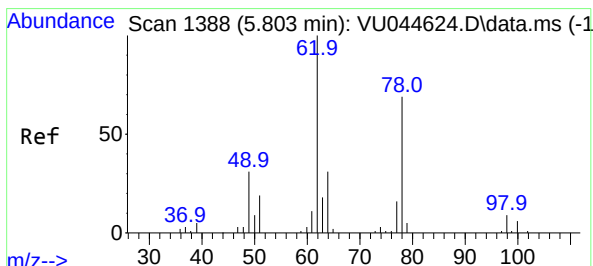
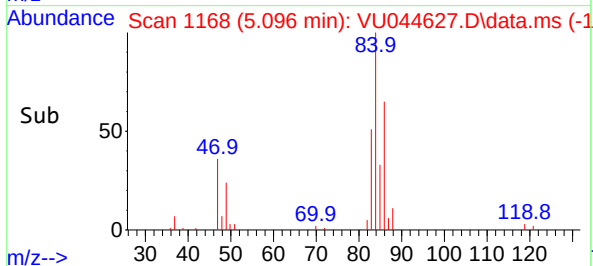
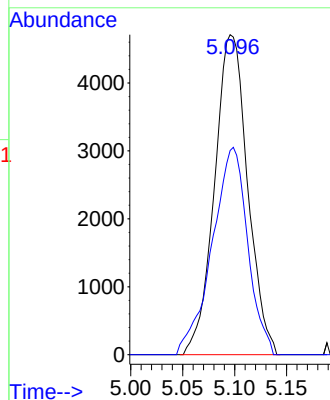
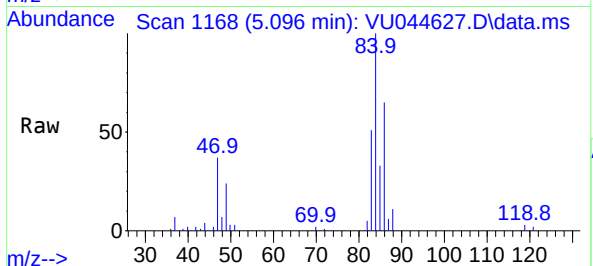
Chloroform
Concen: 0.533 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Instrument :
MSVOA_U
ClientSampled :
MDL01

Tgt Ion: 83 Resp: 10445
Ion Ratio Lower Upper
83 100
85 63.8 44.2 82.0

Manual Integrations
APPROVED

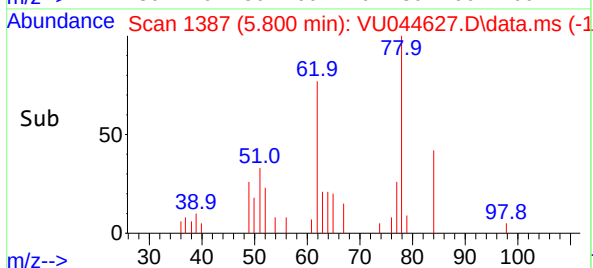
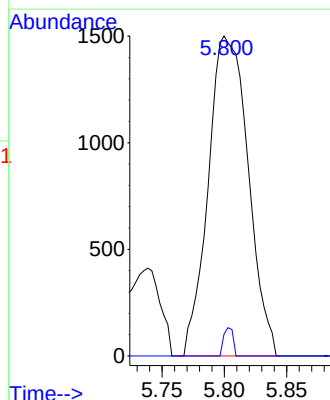
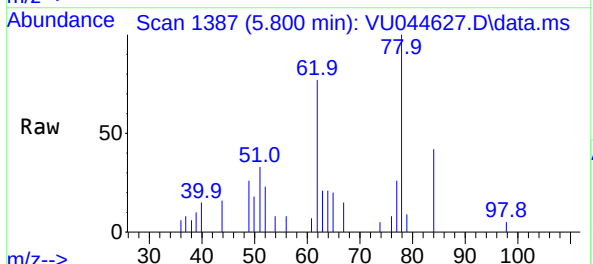
MMDadoda
9/15/2021 9:54:45 AM

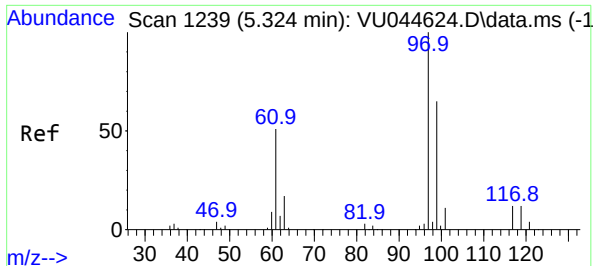


#27

1,2-Dichloroethane
Concen: 0.261 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 62 Resp: 3346
Ion Ratio Lower Upper
62 100
98 6.9 6.6 10.0





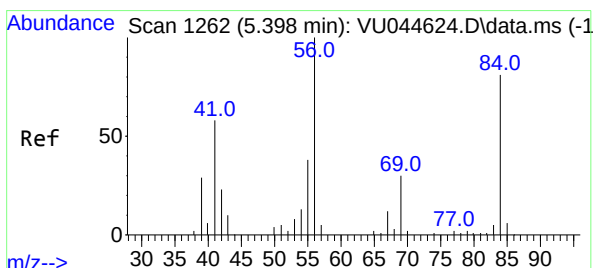
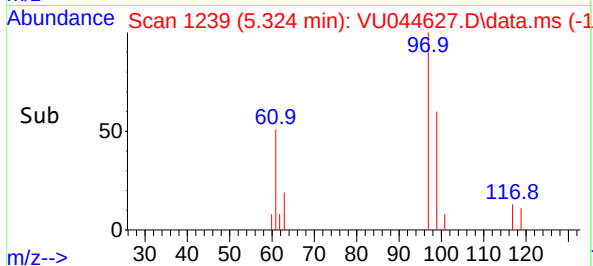
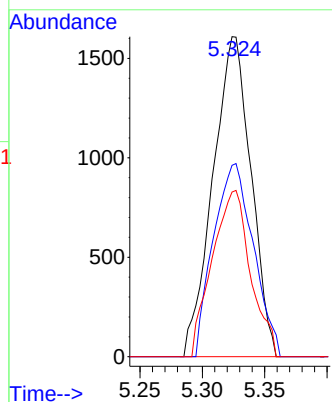
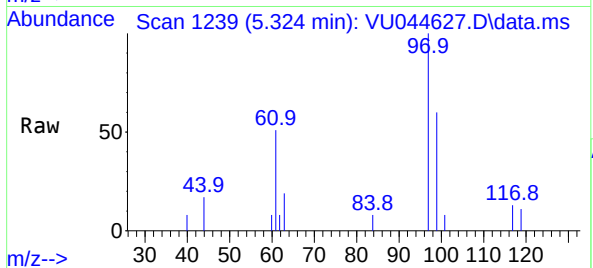
#29
1,1,1-Trichloroethane
Concen: 0.229 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:	97	Resp:	3422
Ion	Ratio	Lower	Upper
97	100		
99	63.1	50.7	76.1
61	52.3	40.6	60.8

Instrument :
MSVOA_U
ClientSampled :
MDL01

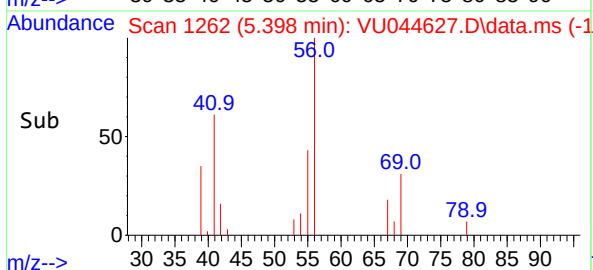
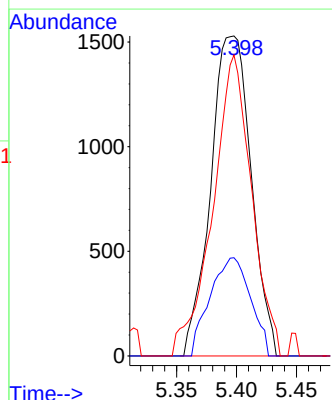
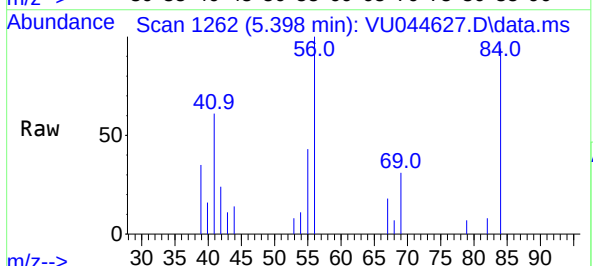
Manual Integrations
APPROVED

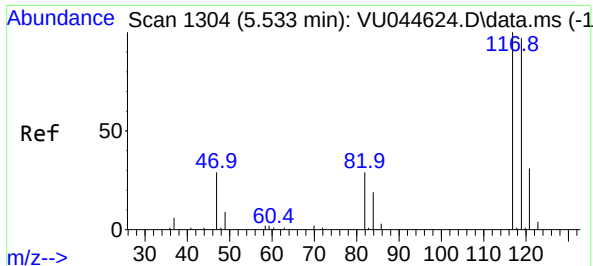
MMDadoda
9/15/2021 9:54:45 AM



#30
Cyclohexane
Concen: 0.210 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:	56	Resp:	3590
Ion	Ratio	Lower	Upper
56	100		
69	30.7	23.4	35.2
84	89.9	65.5	98.3





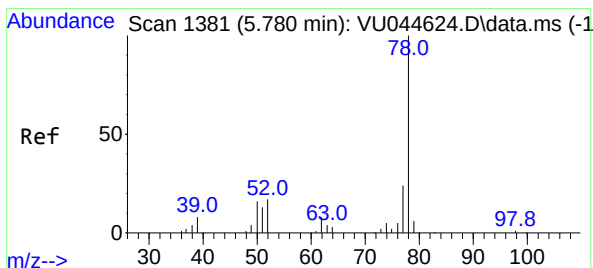
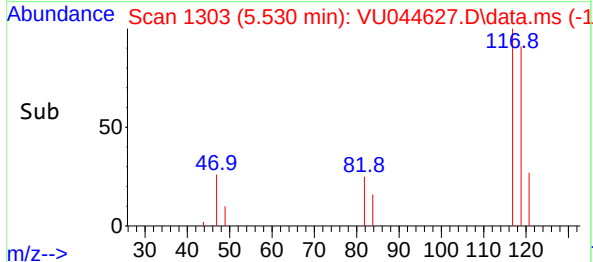
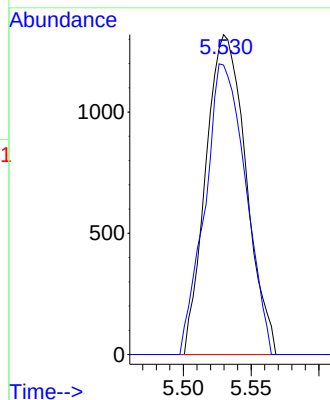
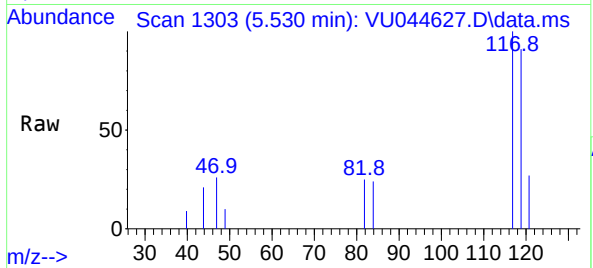
#31
Carbon tetrachloride
Concen: 0.233 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 117 Resp: 2721
Ion Ratio Lower Upper
117 100
119 91.7 76.4 114.6

Instrument :
MSVOA_U
ClientSampled :
MDL01

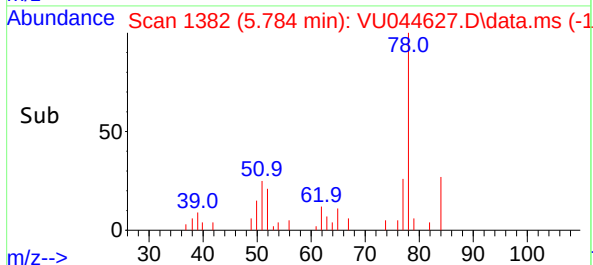
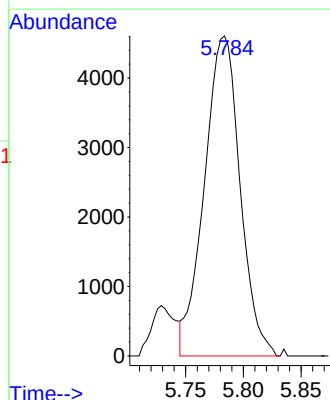
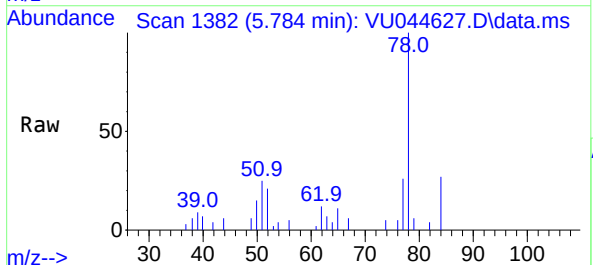
Manual Integrations
APPROVED

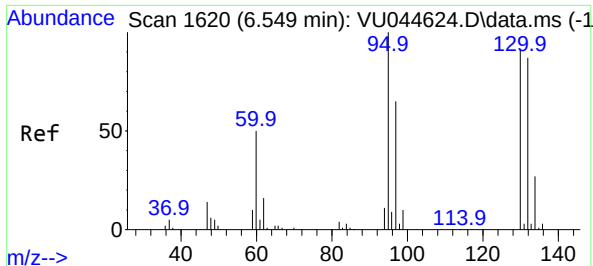
MMDadoda
9/15/2021 9:54:45 AM



#33
Benzene
Concen: 0.244 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 78 Resp: 9908





#34

Trichloroethene

Concen: 0.238 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.003 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

Tgt Ion: 95 Resp: 2394

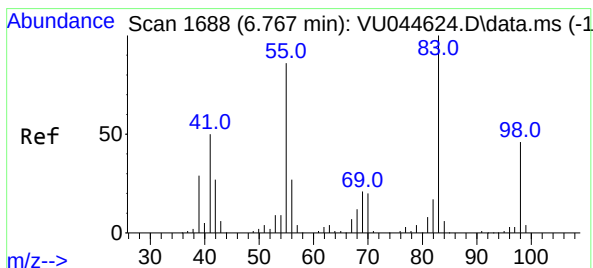
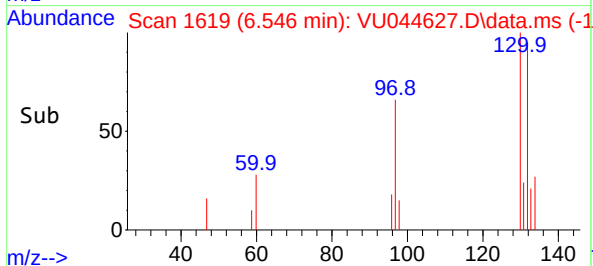
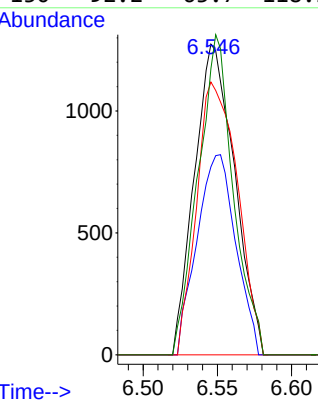
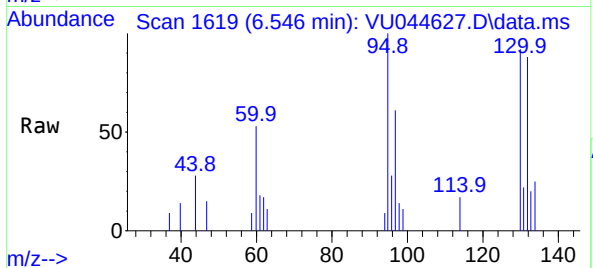
Ion Ratio Lower Upper

95 100

97 60.5 44.7 82.9

132 87.8 60.3 111.9

130 92.2 63.7 118.3



#35

Methylcyclohexane

Concen: 0.235 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU044627.D

Acq: 14 Sep 2021 13:54

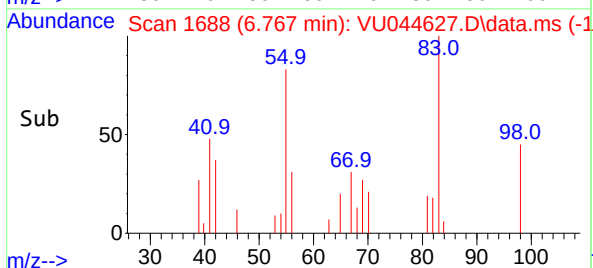
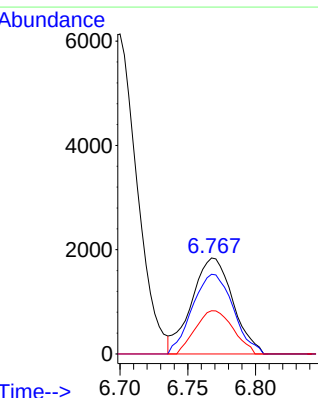
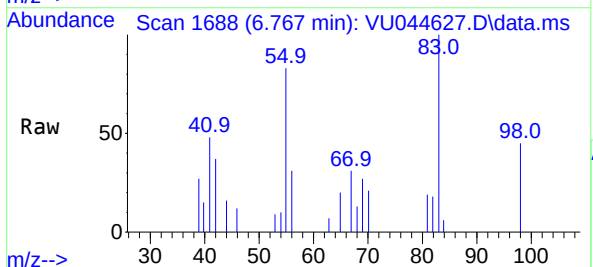
Tgt Ion: 83 Resp: 3879

Ion Ratio Lower Upper

83 100

55 82.3 68.3 102.5

98 41.4 37.3 55.9



Instrument :

MSVOA_U

ClientSampled :

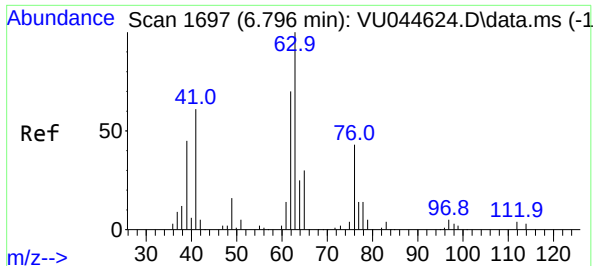
MDL01

Manual Integrations

APPROVED

MMDadoda

9/15/2021 9:54:45 AM



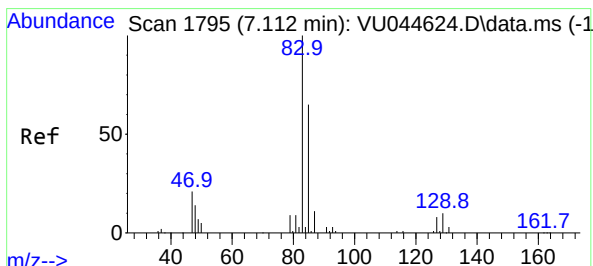
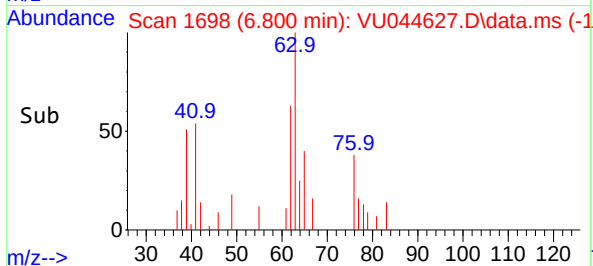
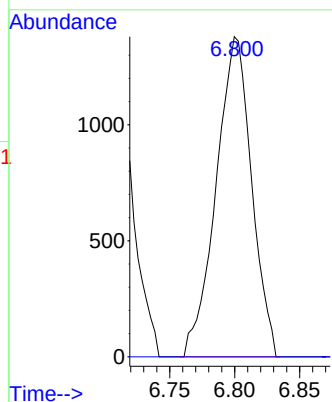
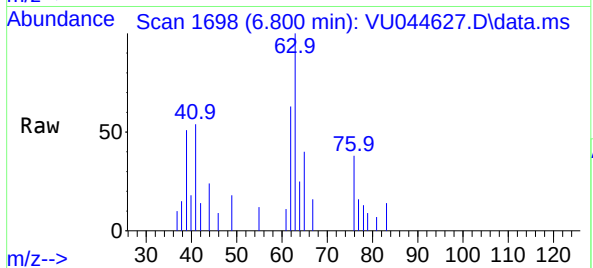
#37
1,2-Dichloropropane
Concen: 0.241 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 63 Resp: 2621
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

Instrument :
MSVOA_U
ClientSampled :
MDL01

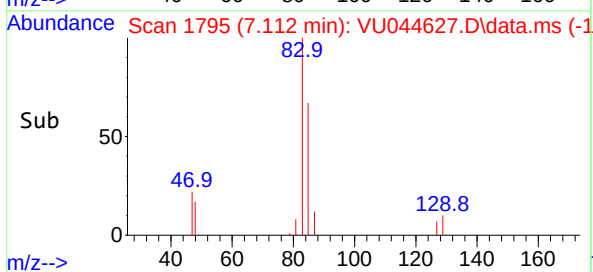
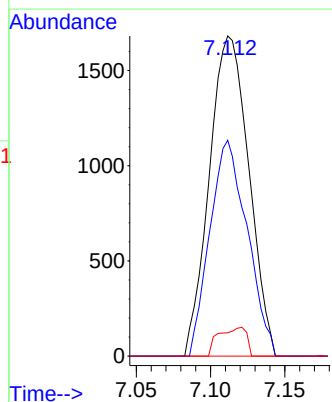
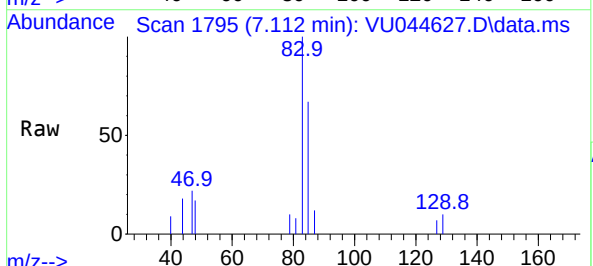
Manual Integrations
APPROVED

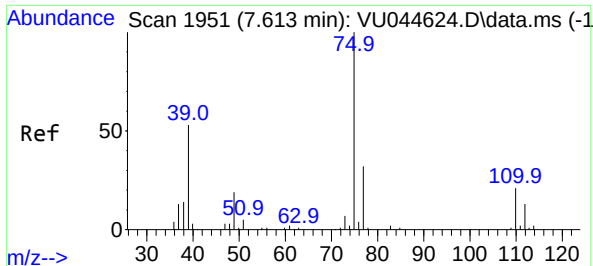
MMDadoda
9/15/2021 9:54:45 AM



#38
Bromodichloromethane
Concen: 0.236 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 83 Resp: 3114
Ion Ratio Lower Upper
83 100
85 67.4 46.3 86.1
127 7.3 6.0 9.0





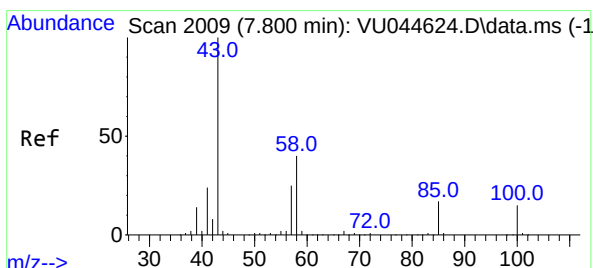
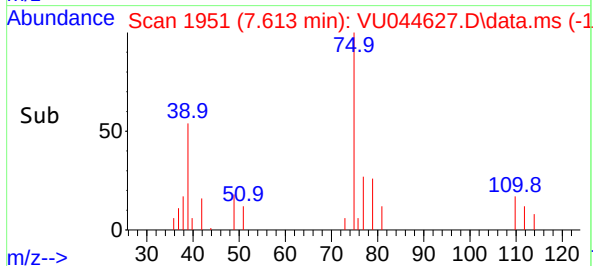
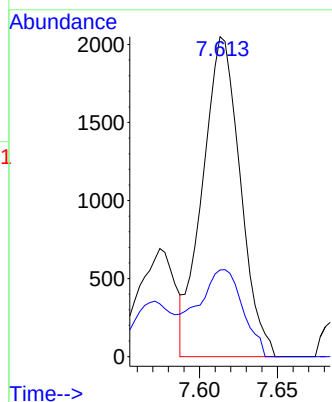
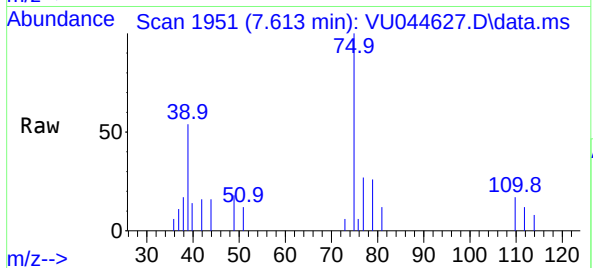
#39
cis-1,3-Dichloropropene
Concen: 0.224 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 75 Resp: 3457
Ion Ratio Lower Upper
75 100
77 27.1 21.5 39.9

Instrument :
MSVOA_U
ClientSampled :
MDL01

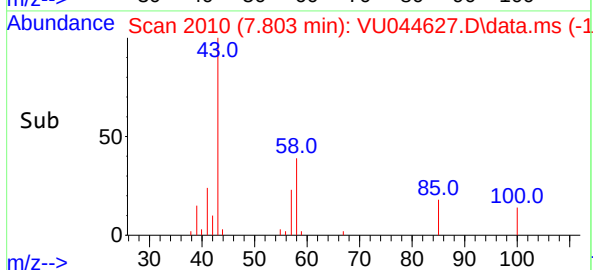
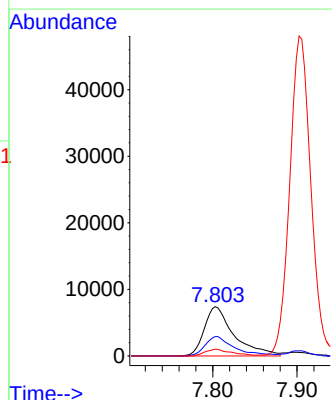
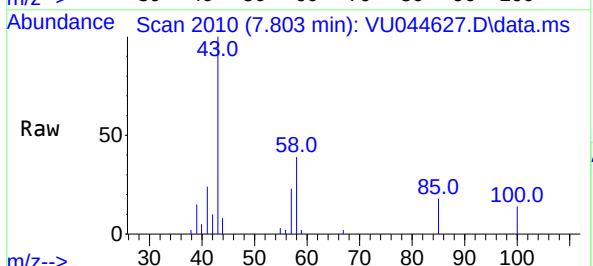
Manual Integrations
APPROVED

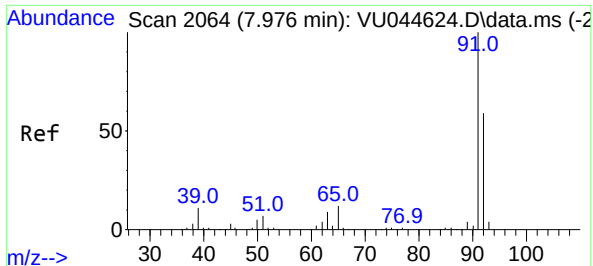
MMDadoda
9/15/2021 9:54:45 AM



#40
4-Methyl-2-pentanone
Concen: 2.140 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

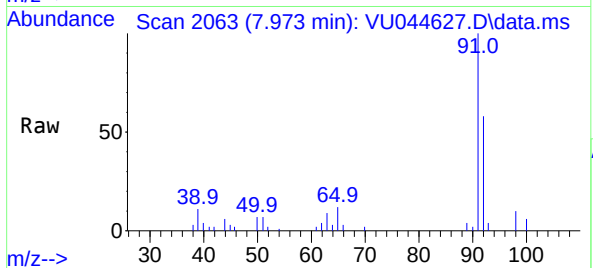
Tgt Ion: 43 Resp: 18125
Ion Ratio Lower Upper
43 100
58 38.3 31.2 46.8
100 0.0 11.4 17.0#





#42
Toluene
Concen: 0.267 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

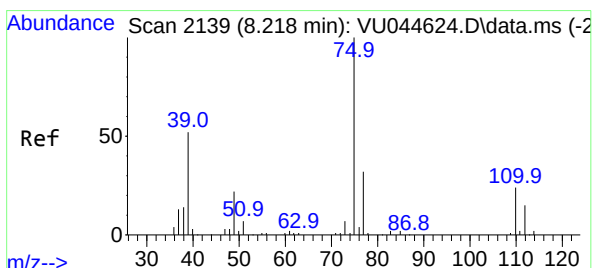
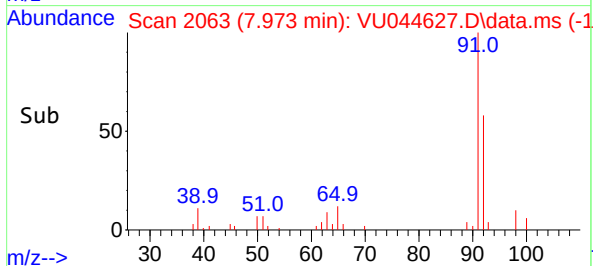
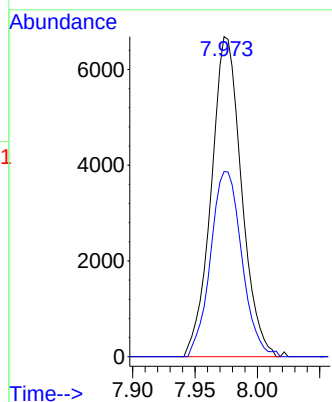
Instrument :
MSVOA_U
ClientSampled :
MDL01



Tgt Ion: 91 Resp: 11316
Ion Ratio Lower Upper
91 100
92 57.8 41.1 76.3

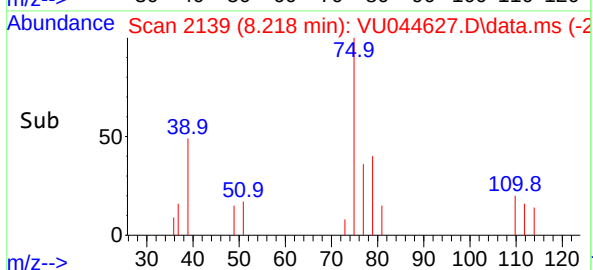
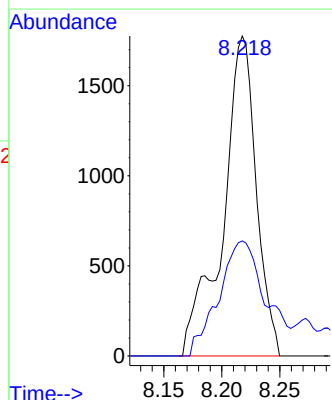
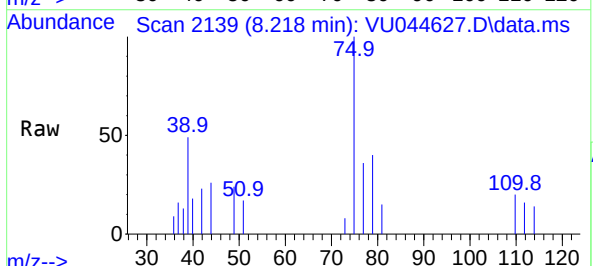
Manual Integrations
APPROVED

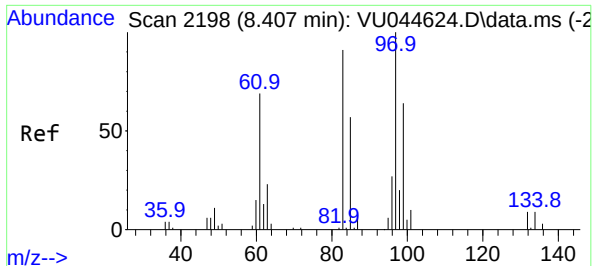
MMDadoda
9/15/2021 9:54:45 AM



#44
trans-1,3-Dichloropropene
Concen: 0.271 ug/L m
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 75 Resp: 3560
Ion Ratio Lower Upper
75 100
77 36.0 22.0 41.0





#45

1,1,2-Trichloroethane
Concen: 0.228 ug/L
RT: 8.410 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

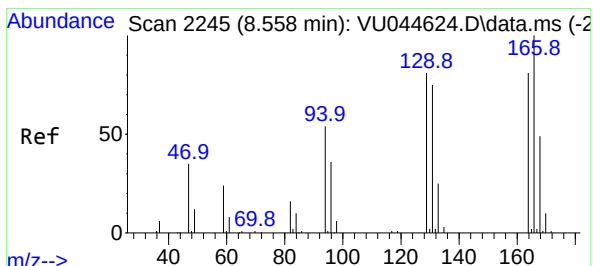
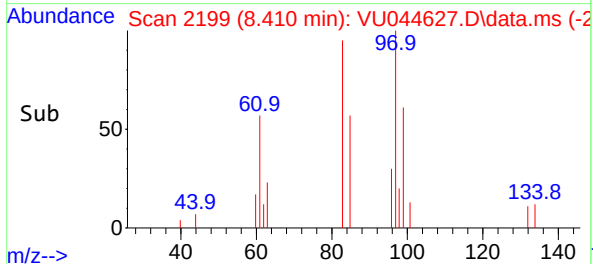
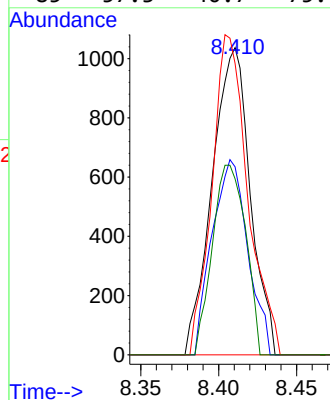
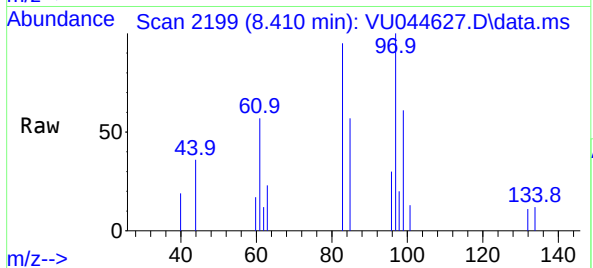
Instrument :
MSVOA_U
ClientSampled :
MDL01

Tgt Ion: 97 Resp: 1765

Ion	Ratio	Lower	Upper
97	100		
99	61.2	44.8	83.2
83	94.9	63.6	118.0
85	57.3	40.7	75.7

Manual Integrations
APPROVED

MMDadoda
9/15/2021 9:54:45 AM

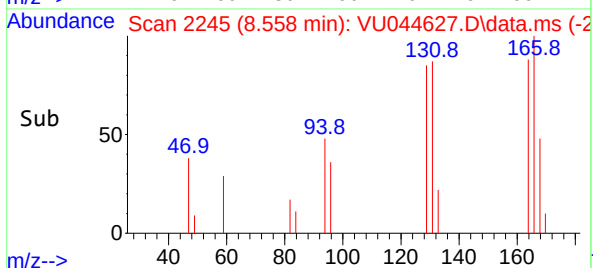
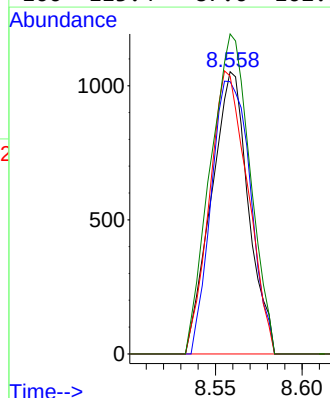
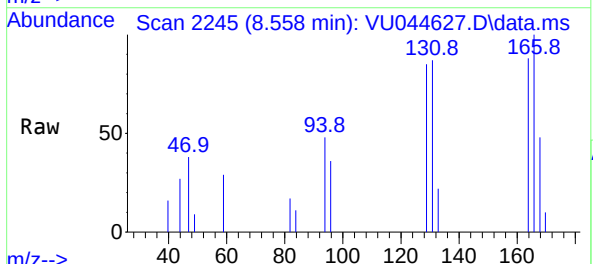


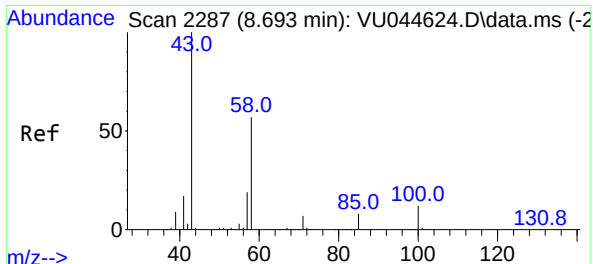
#47

Tetrachloroethene
Concen: 0.225 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 164 Resp: 1569

Ion	Ratio	Lower	Upper
164	100		
129	96.5	67.0	124.4
131	98.5	65.2	121.0
166	113.4	87.6	162.8





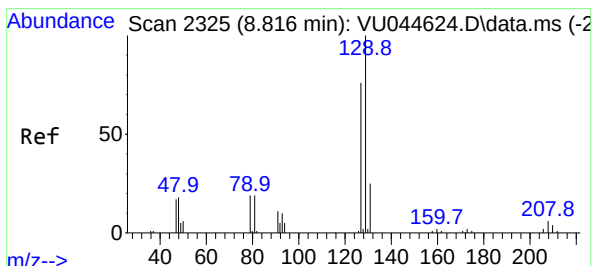
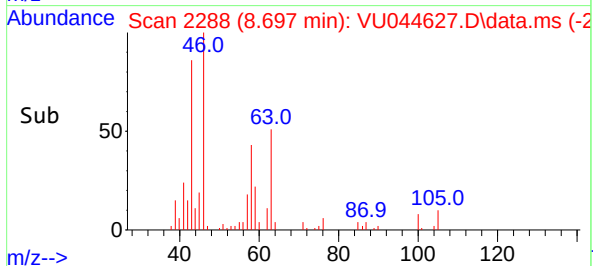
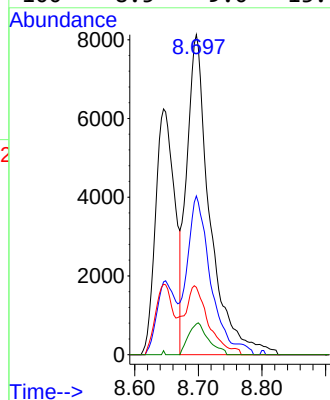
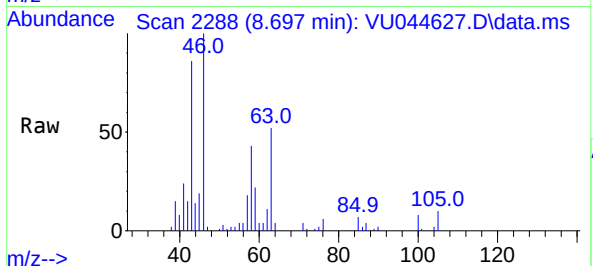
#48
2-Hexanone
Concen: 3.251 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:	43	Resp:	20500
Ion	Ratio	Lower	Upper
43	100		
58	51.5	44.6	66.8
57	20.5	14.8	22.2
100	8.5	9.0	13.4

Instrument :
MSVOA_U
ClientSampled :
MDL01

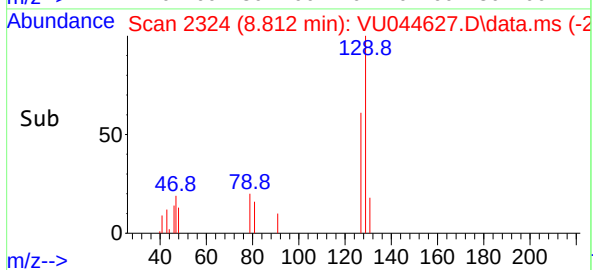
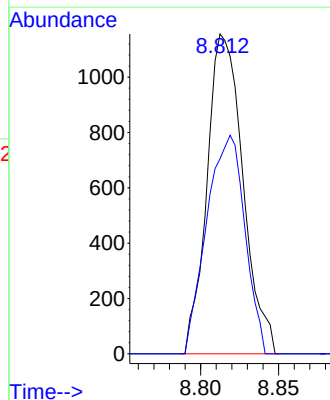
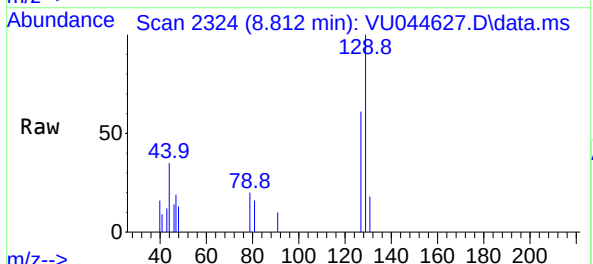
Manual Integrations
APPROVED

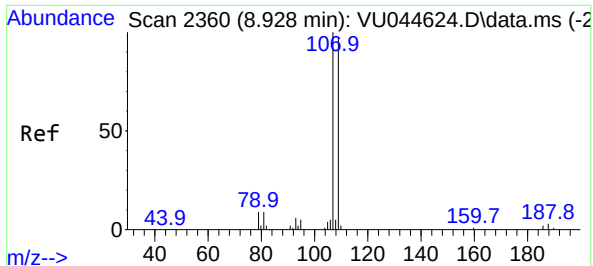
MMDadoda
9/15/2021 9:54:45 AM



#49
Dibromochloromethane
Concen: 0.228 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

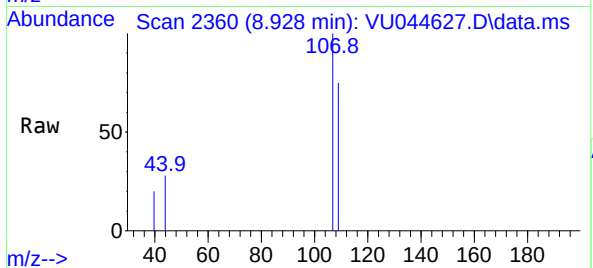
Tgt Ion:	129	Resp:	1851
Ion	Ratio	Lower	Upper
129	100		
127	61.0	53.3	99.1





#50
1,2-Dibromoethane
Concen: 0.231 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

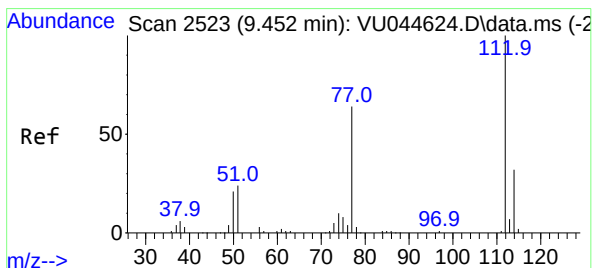
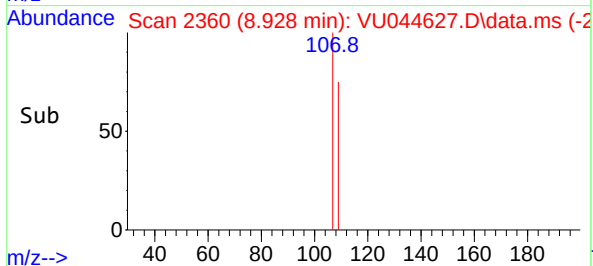
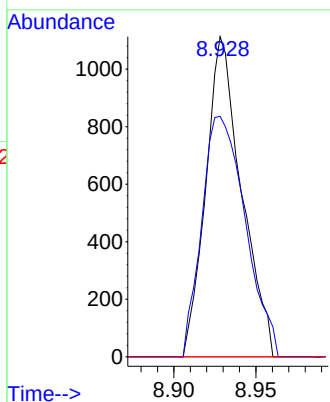
Instrument :
MSVOA_U
ClientSampleId :
MDL01



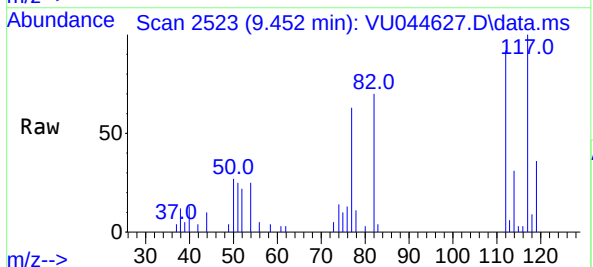
Tgt Ion:107 Resp: 1680
Ion Ratio Lower Upper
107 100
109 75.1 65.5 121.7
188 0.0 3.0 4.4#

Manual Integrations
APPROVED

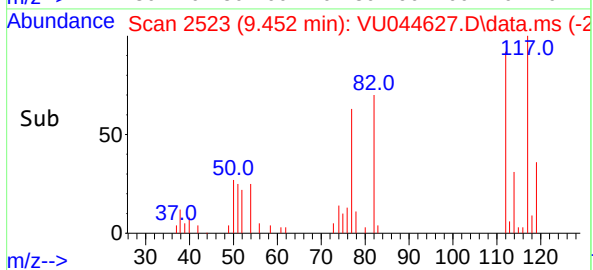
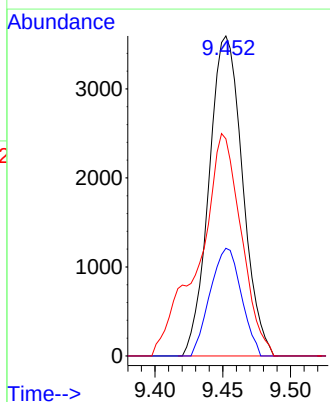
MMDadoda
9/15/2021 9:54:45 AM

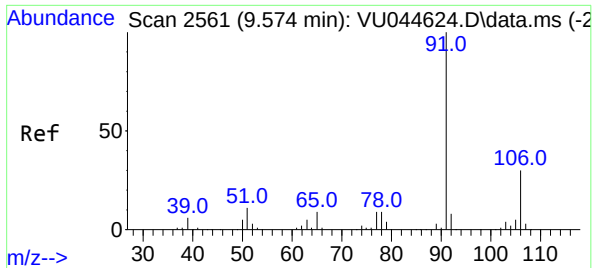


#51
Chlorobenzene
Concen: 0.235 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54



Tgt Ion:112 Resp: 6187
Ion Ratio Lower Upper
112 100
114 33.6 22.8 42.4
77 67.8 51.4 77.0





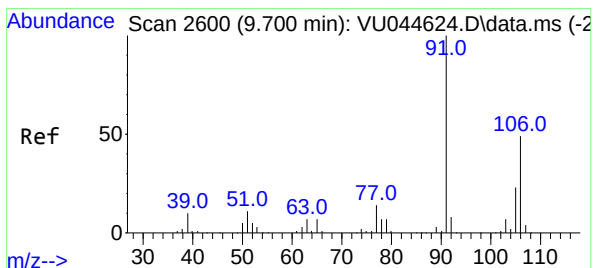
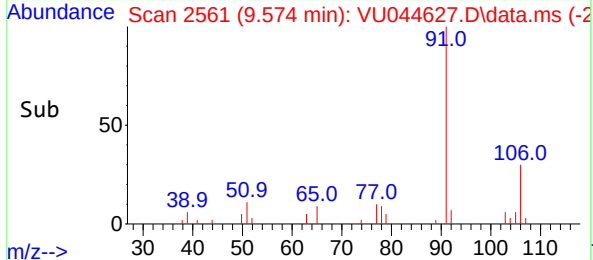
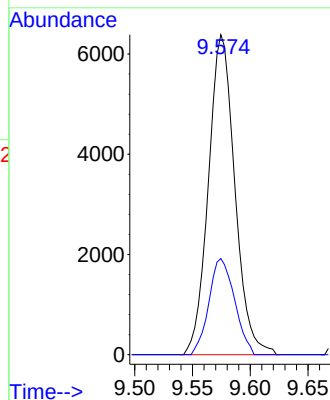
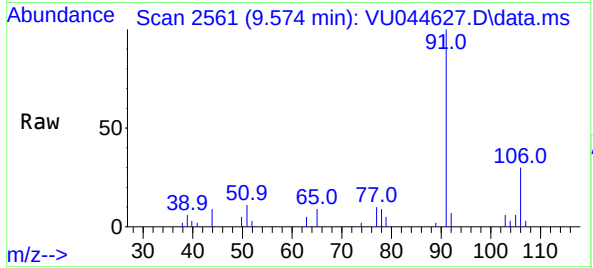
#52
Ethylbenzene
Concen: 0.221 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 91 Resp: 10165
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.1

Instrument :
MSVOA_U
ClientSampled :
MDL01

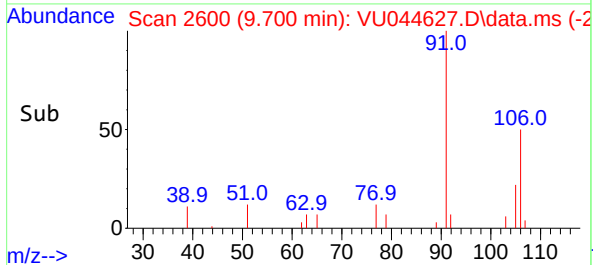
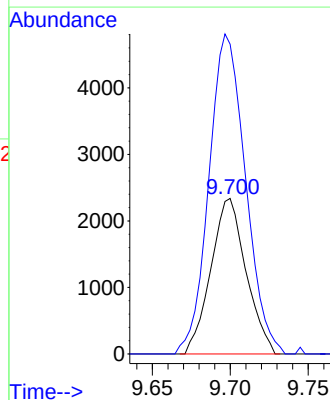
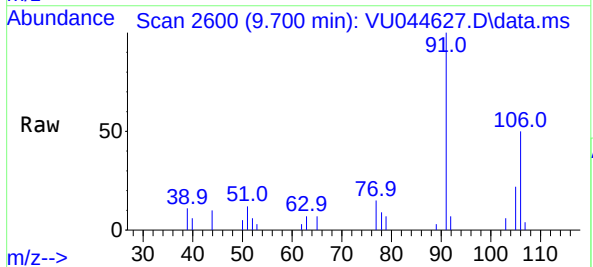
Manual Integrations
APPROVED

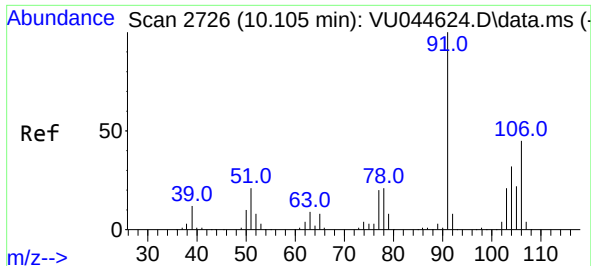
MMDadoda
9/15/2021 9:54:45 AM



#53
m,p-Xylene
Concen: 0.210 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion: 106 Resp: 3673
Ion Ratio Lower Upper
106 100
91 199.2 144.6 268.6





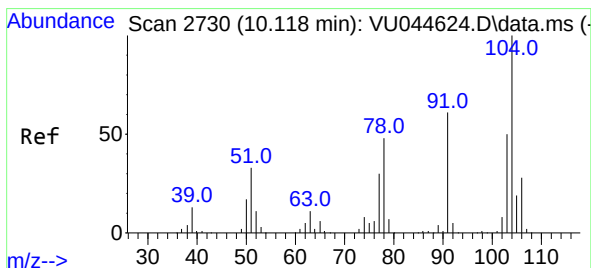
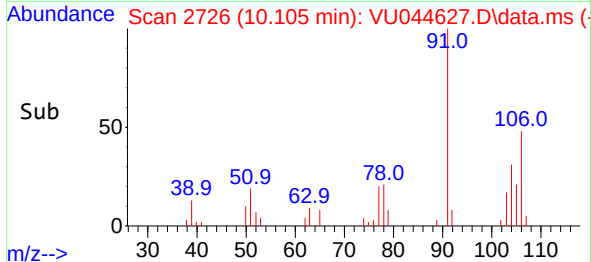
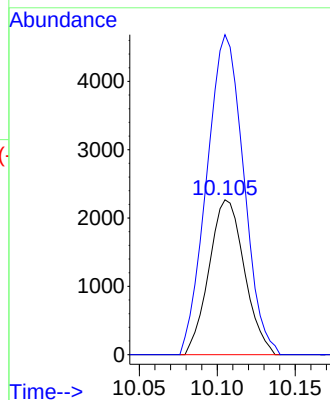
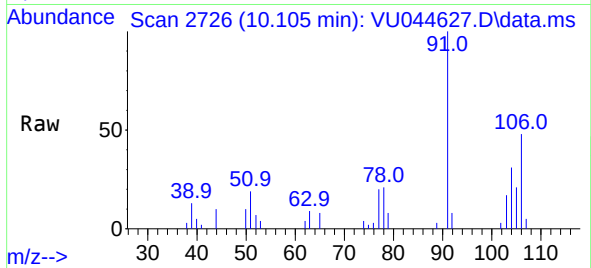
#54
o-Xylene
Concen: 0.214 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:106 Resp: 3575
Ion Ratio Lower Upper
106 100
91 206.7 156.2 290.0

Instrument :
MSVOA_U
ClientSampled :
MDL01

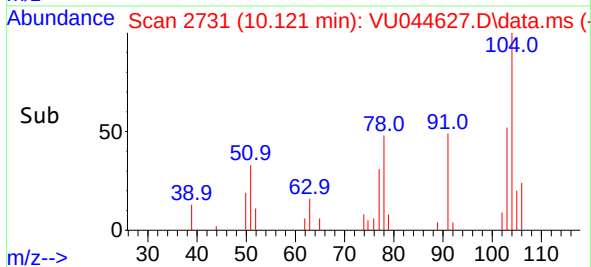
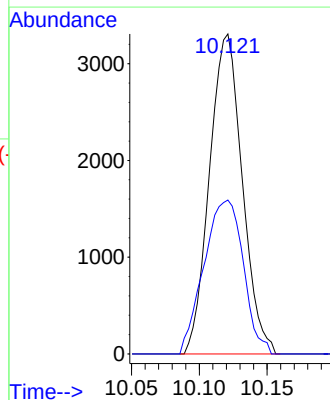
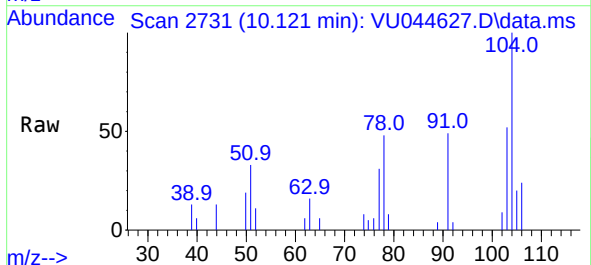
Manual Integrations
APPROVED

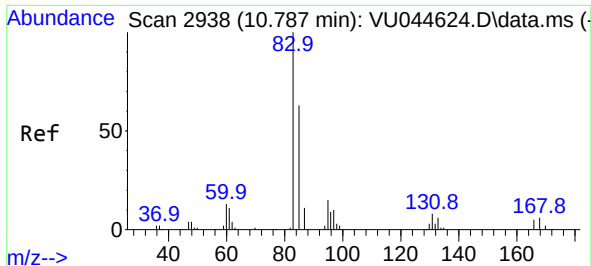
MMDadoda
9/15/2021 9:54:45 AM



#55
Styrene
Concen: 0.190 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:104 Resp: 5561
Ion Ratio Lower Upper
104 100
78 48.1 33.6 62.4





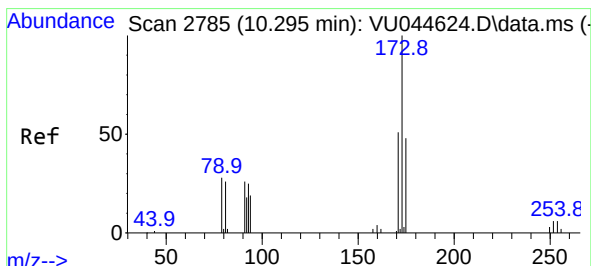
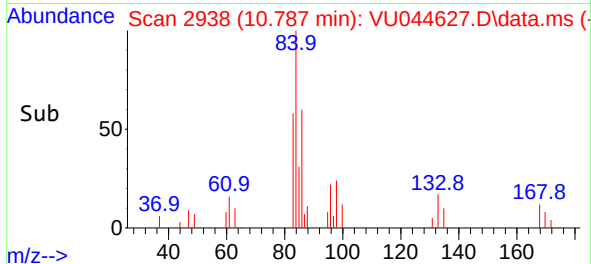
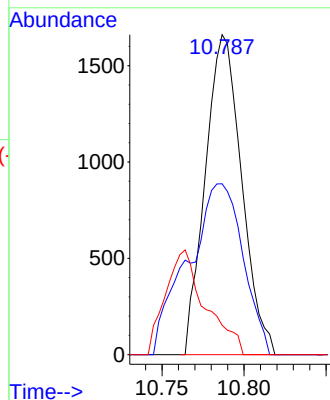
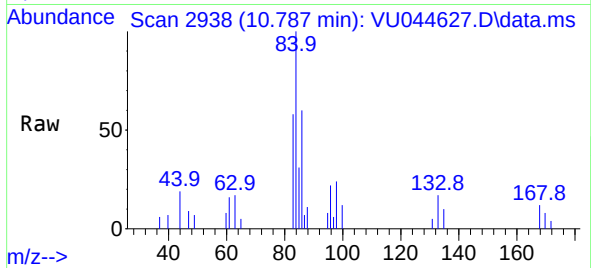
#57
1,1,2,2-Tetrachloroethane
Concen: 0.246 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:	83	Resp:	2554
Ion	Ratio	Lower	Upper
83	100		
85	53.4	44.5	82.7
131	9.2	6.6	10.0

Instrument :
MSVOA_U
ClientSampled :
MDL01

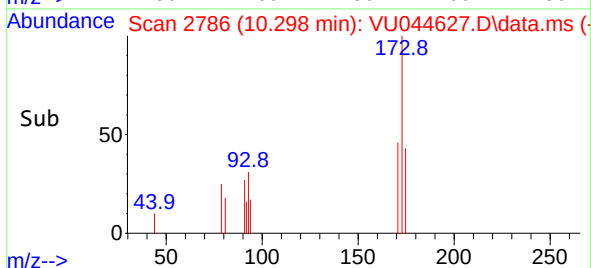
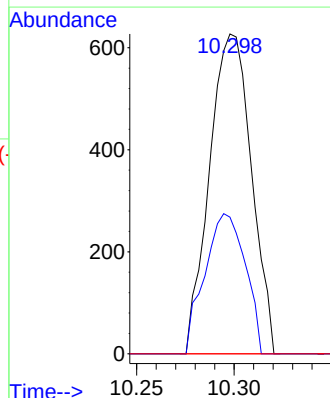
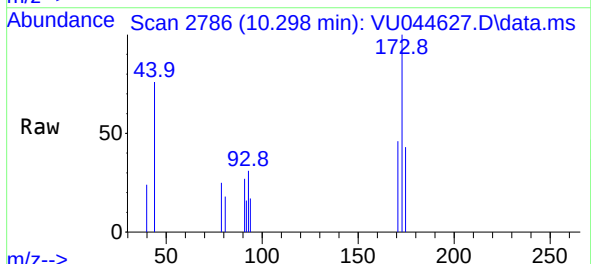
Manual Integrations
APPROVED

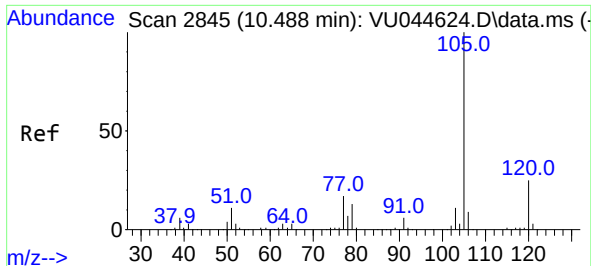
MMDadoda
9/15/2021 9:54:45 AM



#59
Bromoform
Concen: 0.229 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:	173	Resp:	939
Ion	Ratio	Lower	Upper
173	100		
175	42.4	38.8	58.2
254	0.0	4.9	7.3





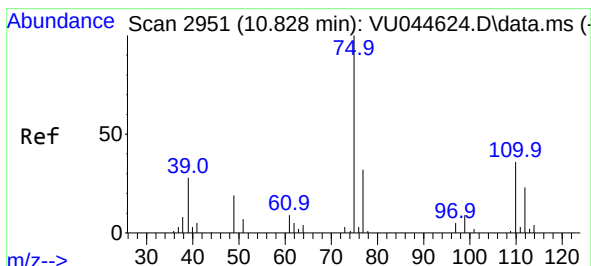
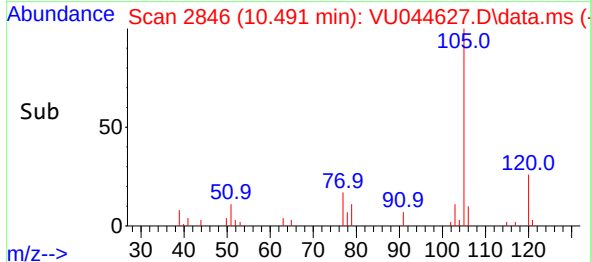
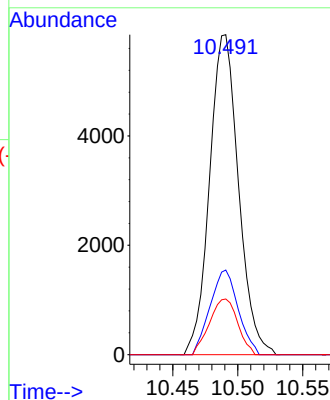
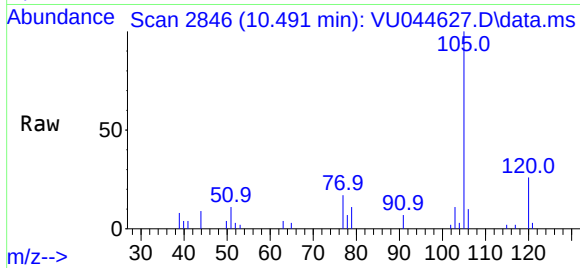
#60
Isopropylbenzene
Concen: 0.219 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:	105	Resp:	9067
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.2	30.2
77	17.0	13.6	20.4

Instrument :
MSVOA_U
ClientSampled :
MDL01

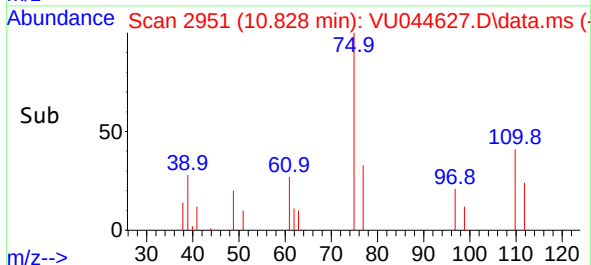
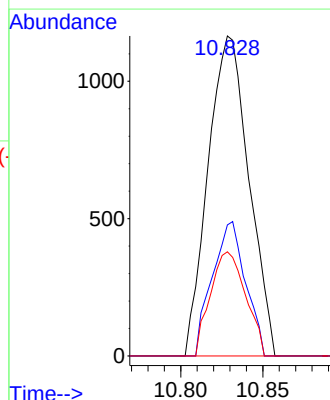
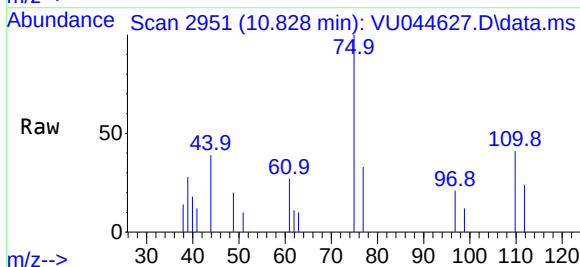
Manual Integrations
APPROVED

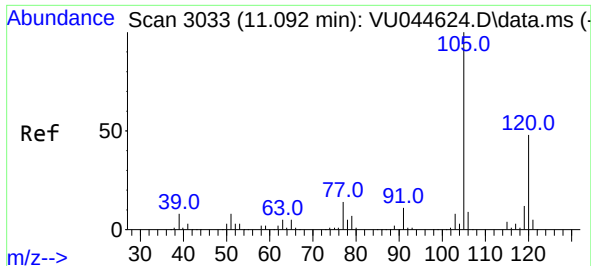
MMDadoda
9/15/2021 9:54:45 AM



#61
1,2,3-Trichloropropane
Concen: 0.276 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:	75	Resp:	2014
Ion	Ratio	Lower	Upper
75	100		
110	34.3	28.8	43.2
77	28.2	25.9	38.9





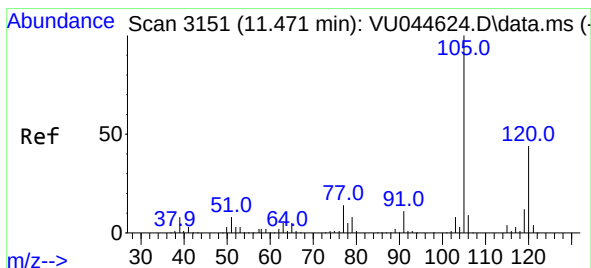
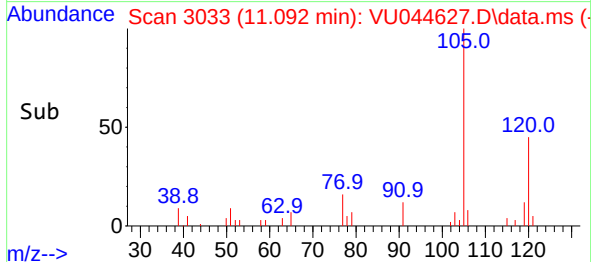
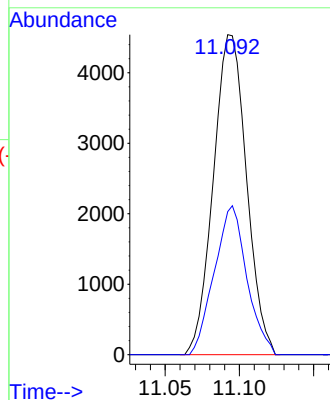
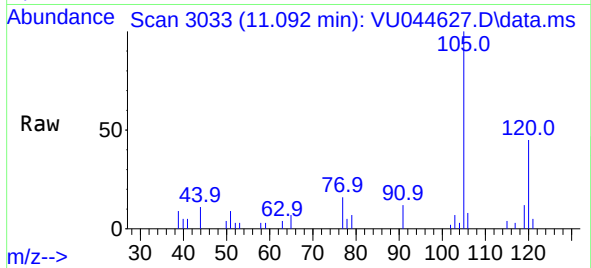
#62
1,3,5-Trimethylbenzene
Concen: 0.205 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:105 Resp: 7056
Ion Ratio Lower Upper
105 100
120 45.6 38.2 57.2

Instrument :
MSVOA_U
ClientSampled :
MDL01

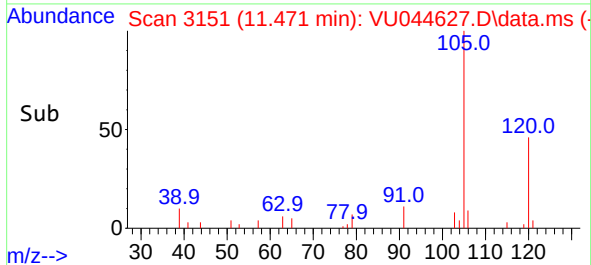
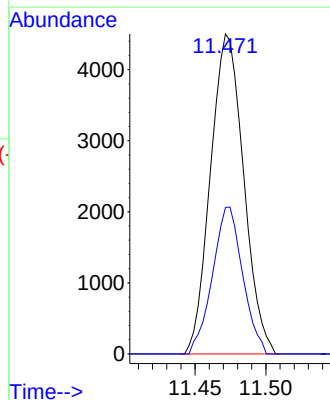
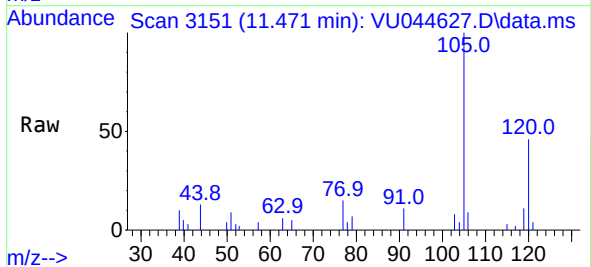
Manual Integrations
APPROVED

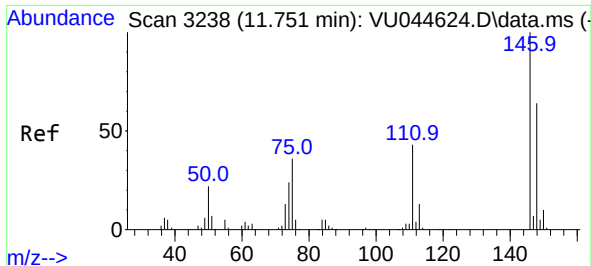
MMDadoda
9/15/2021 9:54:45 AM



#63
1,2,4-Trimethylbenzene
Concen: 0.208 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:105 Resp: 7337
Ion Ratio Lower Upper
105 100
120 41.8 35.4 53.2





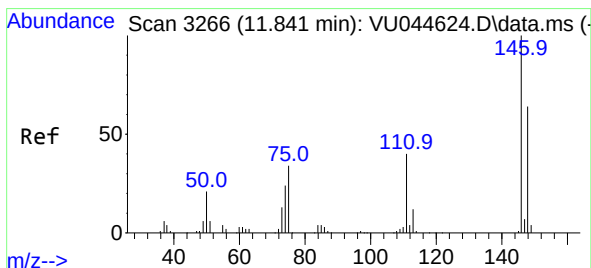
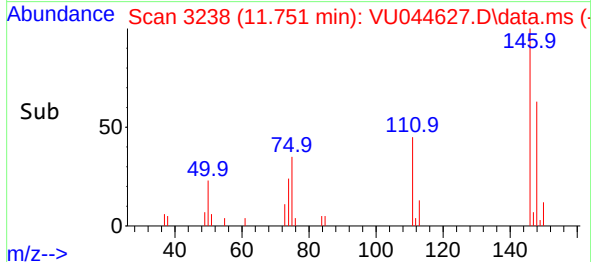
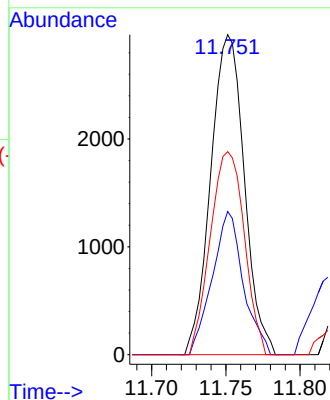
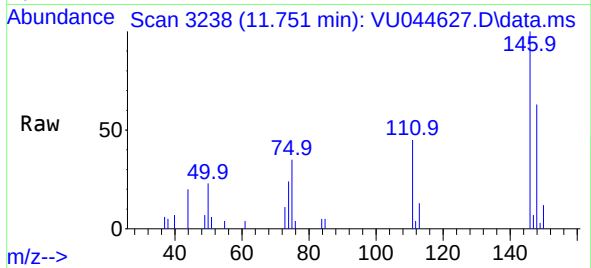
#64
1,3-Dichlorobenzene
Concen: 0.242 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

Tgt Ion:146 Resp: 4669
Ion Ratio Lower Upper
146 100
111 44.8 29.8 55.4
148 63.5 45.2 84.0

Instrument :
MSVOA_U
ClientSampled :
MDL01

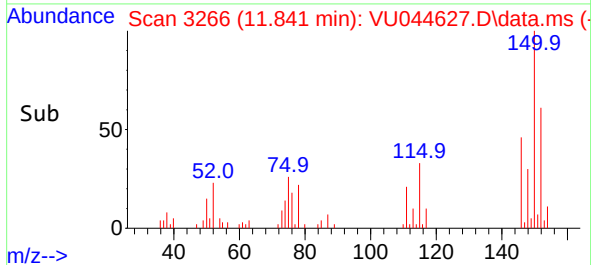
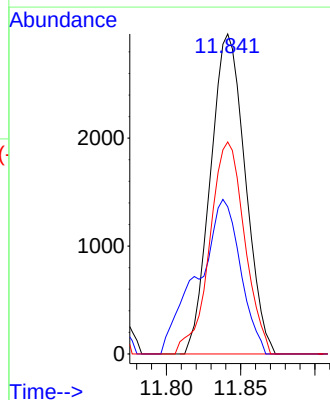
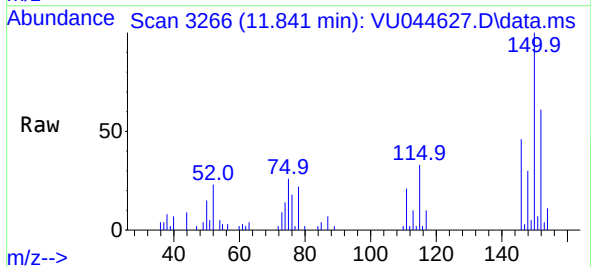
Manual Integrations
APPROVED

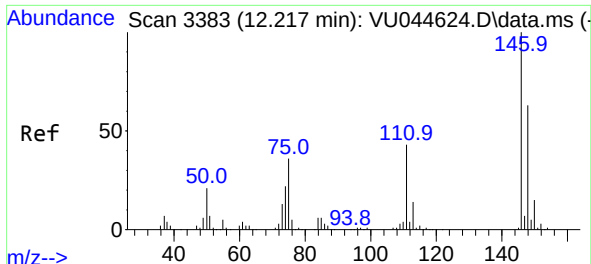
MMDadoda
9/15/2021 9:54:45 AM



#65
1,4-Dichlorobenzene
Concen: 0.242 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

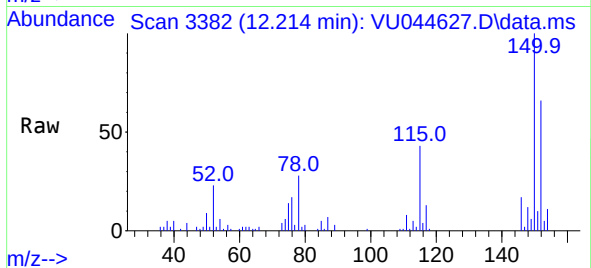
Tgt Ion:146 Resp: 4822
Ion Ratio Lower Upper
146 100
111 46.0 28.7 53.3
148 66.3 45.4 84.4





#67
1,2-Dichlorobenzene
Concen: 0.249 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

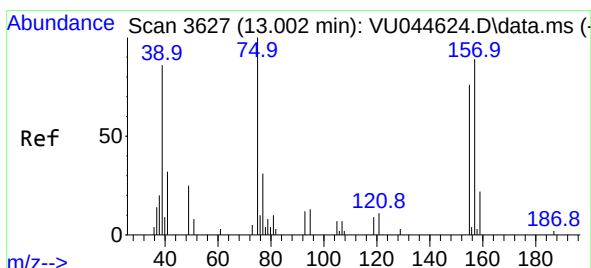
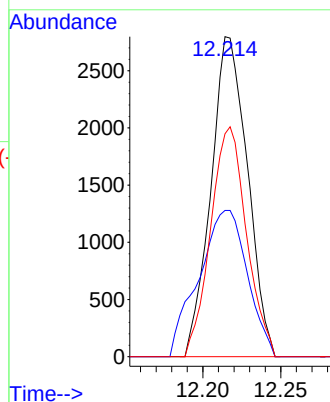
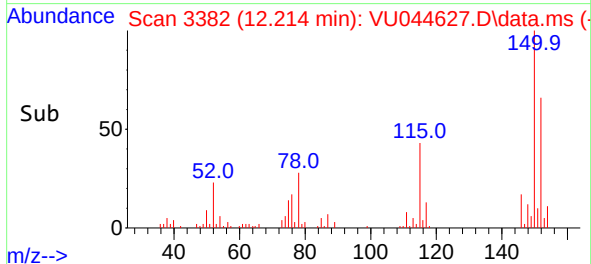
Instrument :
MSVOA_U
ClientSampled :
MDL01



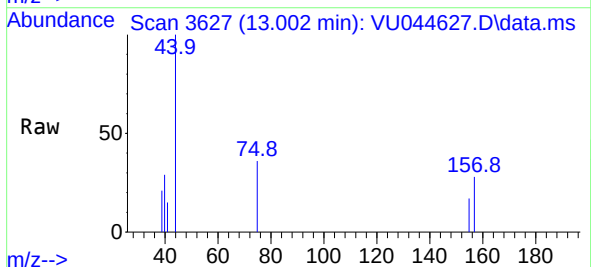
Tgt Ion:146 Resp: 4558
Ion Ratio Lower Upper
146 100
111 45.7 34.6 51.8
148 69.7 51.3 76.9

Manual Integrations
APPROVED

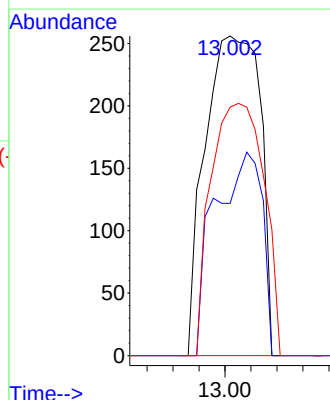
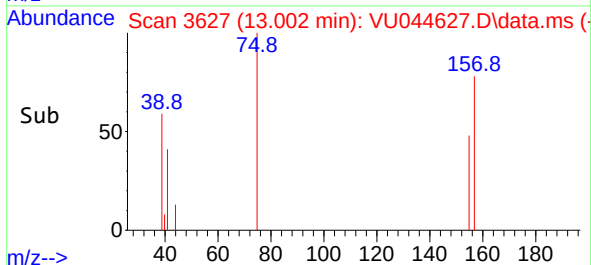
MMDadoda
9/15/2021 9:54:45 AM

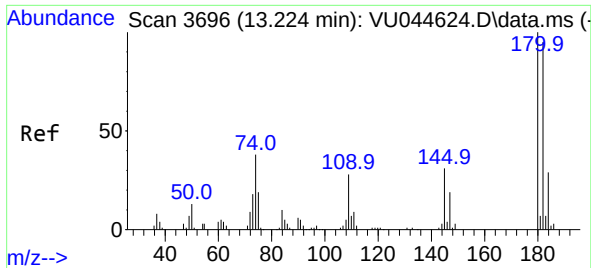


#68
1,2-Dibromo-3-chloropropane
Concen: 0.234 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54



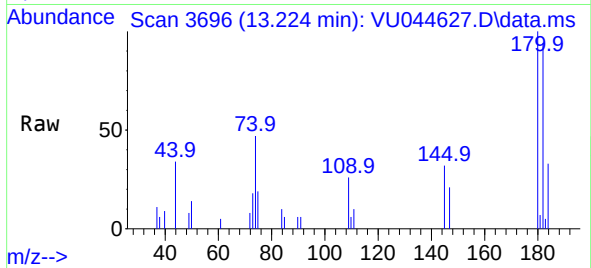
Tgt Ion: 75 Resp: 375
Ion Ratio Lower Upper
75 100
155 47.7 54.0 81.0#
157 77.7 65.4 98.2





#69
 1,3,5-Trichlorobenzene
 Concen: 0.225 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.000 min
 Lab File: VU044627.D
 Acq: 14 Sep 2021 13:54

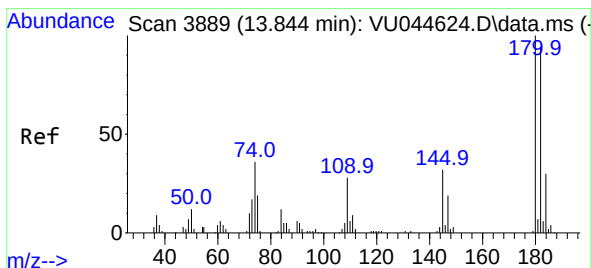
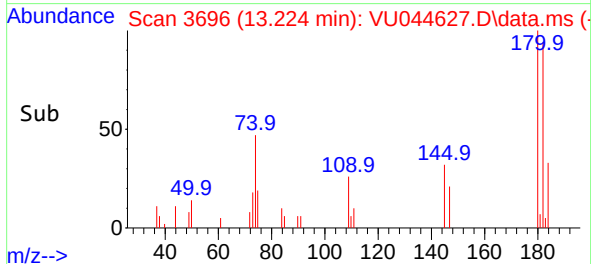
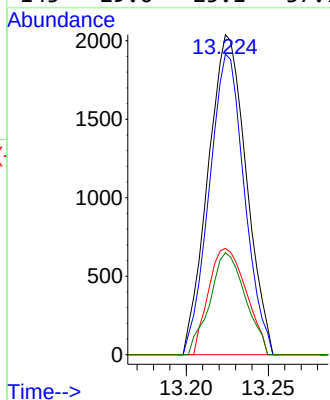
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01



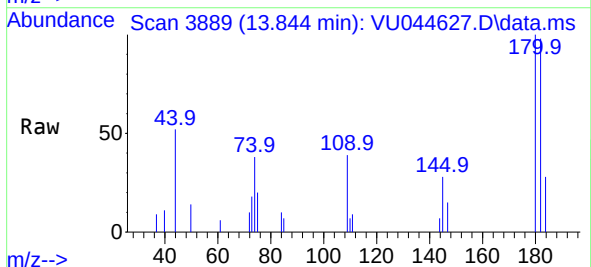
Tgt Ion:	180	Resp:	3296
Ion Ratio	Lower	Upper	
180	100		
182	86.4	76.9	115.3
184	32.6	24.1	36.1
145	29.6	25.1	37.7

Manual Integrations
 APPROVED

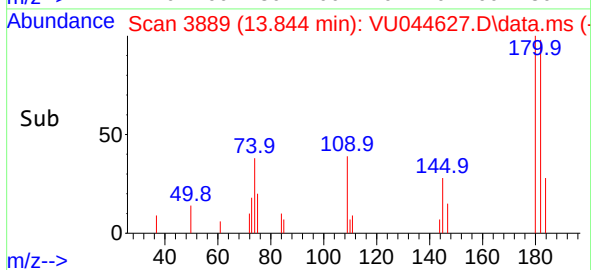
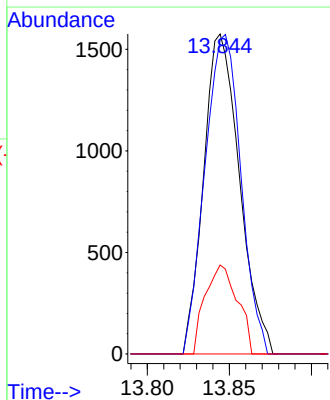
MMDadoda
 9/15/2021 9:54:45 AM

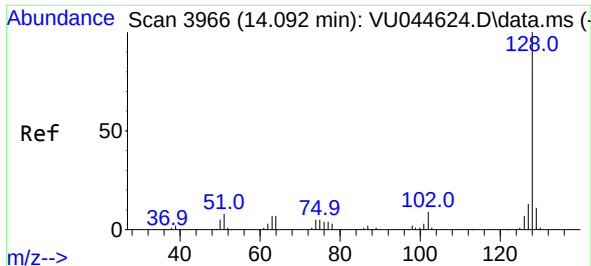


#70
 1,2,4-trichlorobenzene
 Concen: 0.194 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU044627.D
 Acq: 14 Sep 2021 13:54



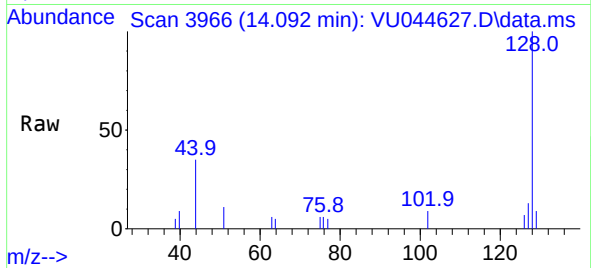
Tgt Ion:	180	Resp:	2397
Ion Ratio	Lower	Upper	
180	100		
182	99.7	75.4	113.0
145	24.9	25.2	37.8#





#71
Naphthalene
Concen: 0.175 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54

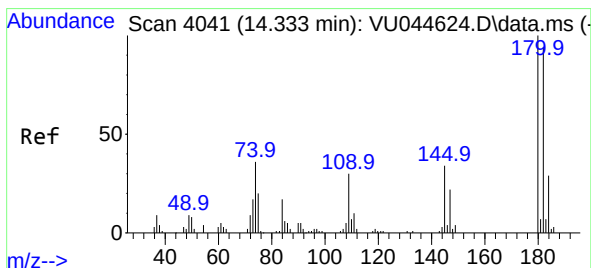
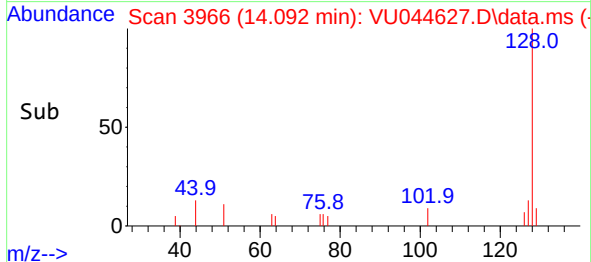
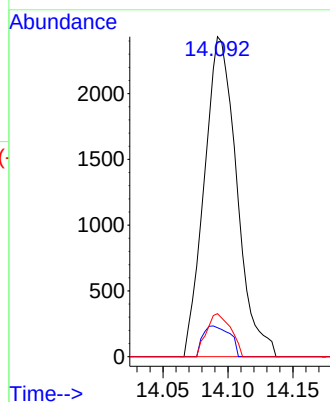
Instrument :
MSVOA_U
ClientSampled :
MDL01



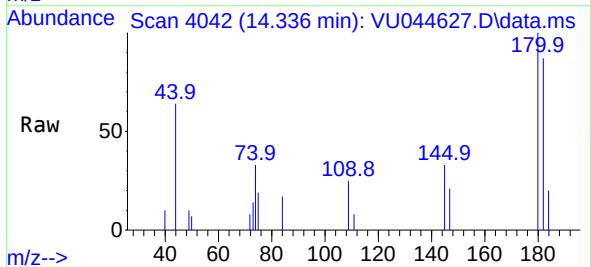
Tgt Ion:128 Resp: 4228
Ion Ratio Lower Upper
128 100
129 7.9 8.7 13.1#
127 10.1 10.4 15.6#

Manual Integrations
APPROVED

MMDadoda
9/15/2021 9:54:45 AM



#72
1,2,3-Trichlorobenzene
Concen: 0.209 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU044627.D
Acq: 14 Sep 2021 13:54



Tgt Ion:180 Resp: 2374
Ion Ratio Lower Upper
180 100
182 86.7 75.9 113.9
145 28.4 27.0 40.6

