

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
 Data File : VU045084.D
 Acq On : 01 Oct 2021 19:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 12:25:38 PM

Quant Time: Oct 02 03:13:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	150680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	276501	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	266506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	141131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	119880	47.794	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.580%		
35) Dibromofluoromethane	5.295	113	82970	47.567	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.140%		
50) Toluene-d8	7.903	98	326664	47.399	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.800%		
62) 4-Bromofluorobenzene	10.636	95	133156	46.798	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.385	85	85357	45.746	ug/l	100
3) Chloromethane	1.520	50	110554	45.742	ug/l	100
4) Vinyl Chloride	1.607	62	114708	47.532	ug/l	99
5) Bromomethane	1.845	94	43765	46.233	ug/l	98
6) Chloroethane	1.916	64	38372	20.698	ug/l	98
7) Trichlorofluoromethane	2.128	101	146002	45.812	ug/l	100
8) Diethyl Ether	2.379	74	70104	47.999	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.575	101	88709	48.944	ug/l	98
10) Methyl Iodide	2.723	142	97793	50.553	ug/l	98
11) Tert butyl alcohol	3.295	59	171707m	238.521	ug/l	
12) 1,1-Dichloroethene	2.578	96	85571	47.899	ug/l	97
13) Acrolein	2.491	56	33285	237.299	ug/l	96
14) Allyl chloride	2.922	41	164230	49.674	ug/l	99
15) Acrylonitrile	3.321	53	369746	254.675	ug/l	99
16) Acetone	2.636	43	315470	211.888	ug/l	99
17) Carbon Disulfide	2.790	76	230527	43.713	ug/l	98
18) Methyl Acetate	2.951	43	217408	49.962	ug/l	97
19) Methyl tert-butyl Ether	3.369	73	344739	49.989	ug/l	99
20) Methylene Chloride	3.047	84	108032	48.174	ug/l	96
21) trans-1,2-Dichloroethene	3.353	96	94427	48.318	ug/l	95
22) Diisopropyl ether	3.999	45	341710	50.625	ug/l	98
23) Vinyl Acetate	3.961	43	1414570	257.675	ug/l	99
24) 1,1-Dichloroethane	3.871	63	192192	49.600	ug/l	100
25) 2-Butanone	4.713	43	506632	239.507	ug/l	97
26) 2,2-Dichloropropane	4.668	77	149424	45.612	ug/l	98
27) cis-1,2-Dichloroethene	4.668	96	111368	48.250	ug/l	99
28) Bromochloromethane	4.980	49	85851	53.455	ug/l	96
29) Tetrahydrofuran	5.057	42	321181	255.068	ug/l	97
30) Chloroform	5.092	83	192272	49.232	ug/l	99
31) Cyclohexane	5.388	56	173683	45.585	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	159053	49.358	ug/l	99
36) 1,1-Dichloropropene	5.530	75	138612	47.937	ug/l	99
37) Ethyl Acetate	4.809	43	197458	51.611	ug/l	99
38) Carbon Tetrachloride	5.527	117	120355	48.101	ug/l	98
39) Methylcyclohexane	6.764	83	165125	46.518	ug/l	97
40) Benzene	5.777	78	418089	48.547	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
 Data File : VU045084.D
 Acq On : 01 Oct 2021 19:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/5/2021 12:25:38 PM

Quant Time: Oct 02 03:13:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.980	41	99043	50.286	ug/l	96
42) 1,2-Dichloroethane	5.797	62	163914	48.425	ug/l	99
43) Isopropyl Acetate	5.919	43	288229	50.076	ug/l	99
44) Trichloroethene	6.546	130	96091	47.324	ug/l	99
45) 1,2-Dichloropropane	6.793	63	114401	50.104	ug/l	99
46) Dibromomethane	6.922	93	75246	48.921	ug/l	99
47) Bromodichloromethane	7.108	83	149298	49.991	ug/l	98
48) Methyl methacrylate	6.967	41	138643	49.487	ug/l	97
49) 1,4-Dioxane	6.996	88	68591	960.096	ug/l	97
51) 4-Methyl-2-Pentanone	7.806	43	1047086	249.885	ug/l	98
52) Toluene	7.973	92	260869	48.399	ug/l	100
53) t-1,3-Dichloropropene	8.214	75	168618	49.373	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	178565	50.196	ug/l	99
55) 1,1,2-Trichloroethane	8.404	97	111483	49.640	ug/l	98
56) Ethyl methacrylate	8.340	69	198848	45.760	ug/l	98
57) 1,3-Dichloropropane	8.581	76	194399	48.502	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.469	63	323981	233.981	ug/l	98
59) 2-Hexanone	8.697	43	837300	245.378	ug/l	98
60) Dibromochloromethane	8.816	129	105056	44.374	ug/l	100
61) 1,2-Dibromoethane	8.928	107	117325	49.146	ug/l	100
64) Tetrachloroethene	8.555	164	75134	43.195	ug/l	99
65) Chlorobenzene	9.449	112	269855	48.296	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.539	131	95412	48.910	ug/l	99
67) Ethyl Benzene	9.575	91	504652	49.082	ug/l	100
68) m/p-Xylenes	9.697	106	388140	97.168	ug/l	99
69) o-Xylene	10.105	106	190522	48.057	ug/l	97
70) Styrene	10.118	104	328522	49.395	ug/l	99
71) Bromoform	10.298	173	83321	44.674	ug/l #	99
73) Isopropylbenzene	10.488	105	499005	47.480	ug/l	100
74) N-amyl acetate	10.324	43	269234	50.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.790	83	221648	48.741	ug/l	99
76) 1,2,3-Trichloropropane	10.832	75	225114m	54.685	ug/l	
77) Bromobenzene	10.787	156	117738	46.393	ug/l	98
78) n-propylbenzene	10.909	91	616137	48.107	ug/l	100
79) 2-Chlorotoluene	10.989	91	377033	46.964	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	436856	47.448	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.552	75	70148	47.290	ug/l	99
82) 4-Chlorotoluene	11.099	91	432640	47.677	ug/l	99
83) tert-Butylbenzene	11.423	119	429060	47.911	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	443421	48.681	ug/l	99
85) sec-Butylbenzene	11.648	105	550755	47.756	ug/l	100
86) p-Isopropyltoluene	11.796	119	450898	48.604	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	226260	46.555	ug/l	100
88) 1,4-Dichlorobenzene	11.841	146	227479	45.755	ug/l	99
89) n-Butylbenzene	12.211	91	413020	48.337	ug/l	99
90) Hexachloroethane	12.478	117	80064	47.793	ug/l	97
91) 1,2-Dichlorobenzene	12.214	146	233650	47.030	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	51462	47.962	ug/l	97
93) 1,2,4-Trichlorobenzene	13.844	180	130642	47.186	ug/l	99
94) Hexachlorobutadiene	14.025	225	53229	46.055	ug/l	99
95) Naphthalene	14.089	128	475901	45.702	ug/l	100
96) 1,2,3-Trichlorobenzene	14.333	180	129566	46.597	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100121\
Data File : VU045084.D
Acq On : 01 Oct 2021 19:33
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

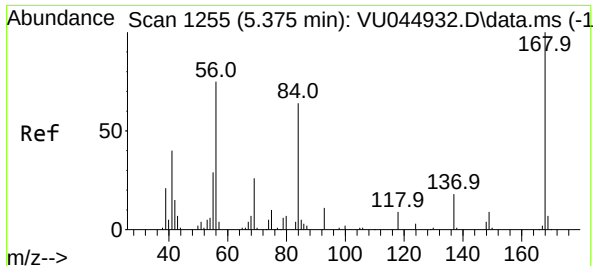
Manual Integrations
APPROVED

MMDadoda
10/5/2021 12:25:38 PM

Quant Time: Oct 02 03:13:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

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

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



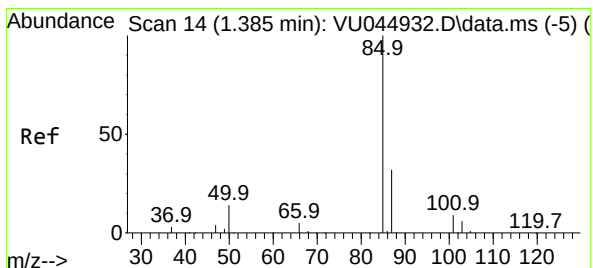
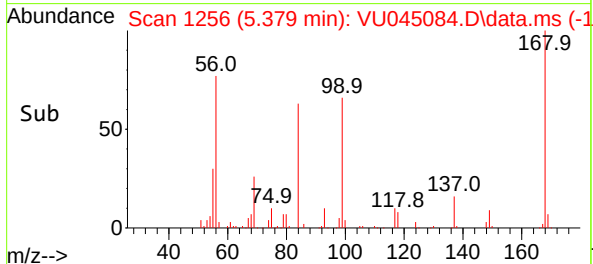
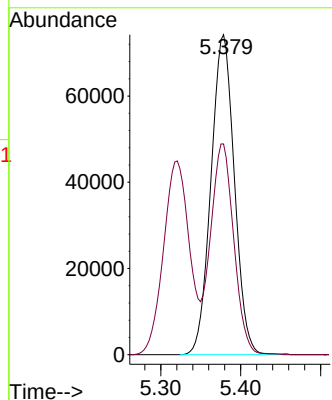
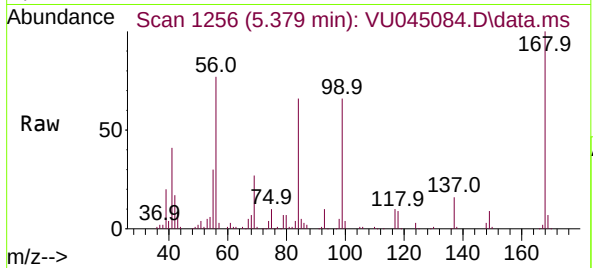
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.004 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 168 Resp: 150680
Ion Ratio Lower Upper
168 100
99 65.7 51.4 77.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

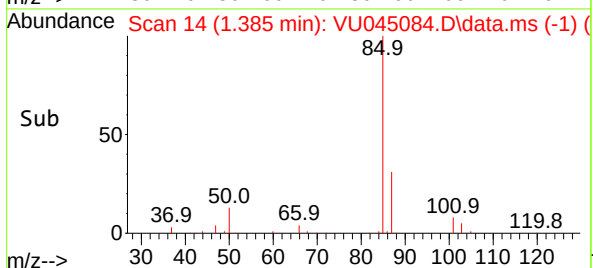
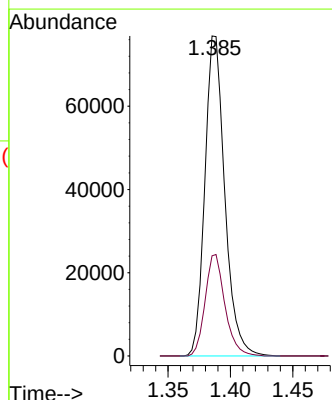
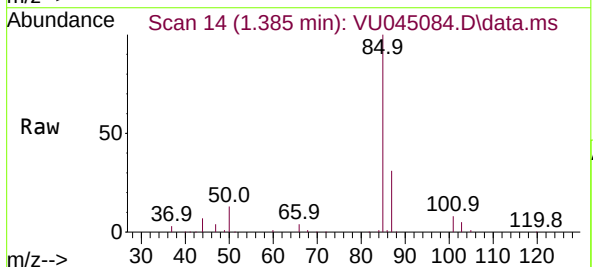
Manual Integrations
APPROVED

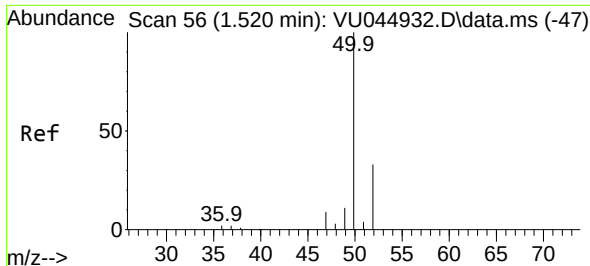
MMDadoda
10/5/2021 12:25:38 PM



#2
Dichlorodifluoromethane
Concen: 45.746 ug/l
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

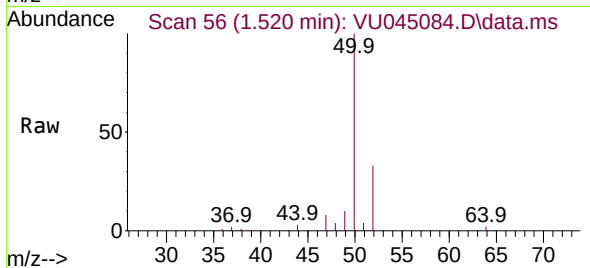
Tgt Ion: 85 Resp: 85357
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0



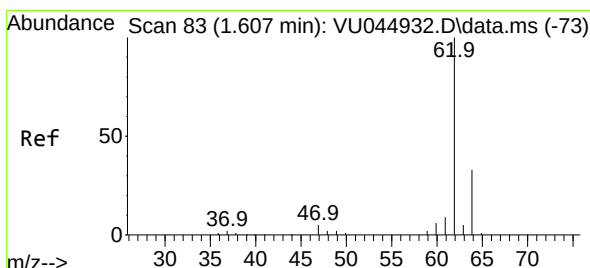
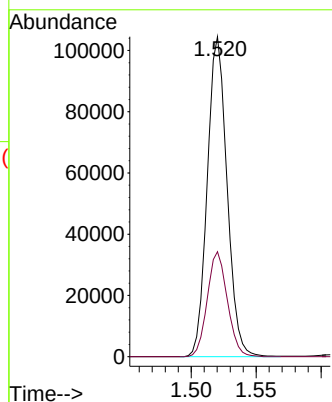
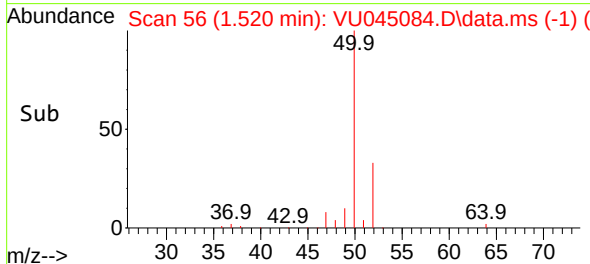


#3
Chloromethane
Concen: 45.742 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

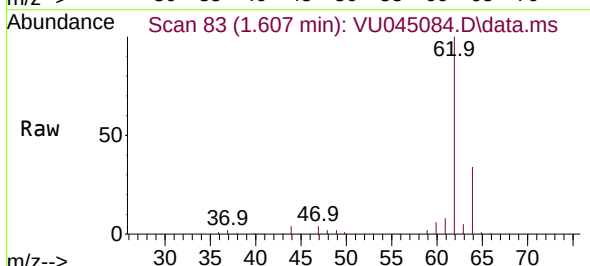
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



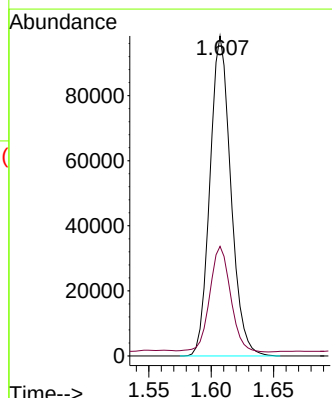
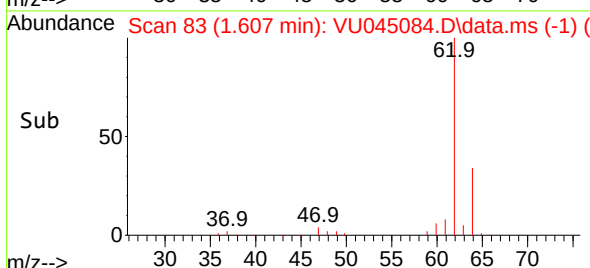
Tgt Ion: 50 Resp: 110554
Ion Ratio Lower Upper
50 100
52 32.8 26.3 39.5

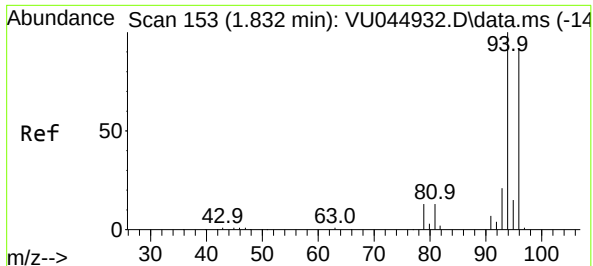


#4
Vinyl Chloride
Concen: 47.532 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

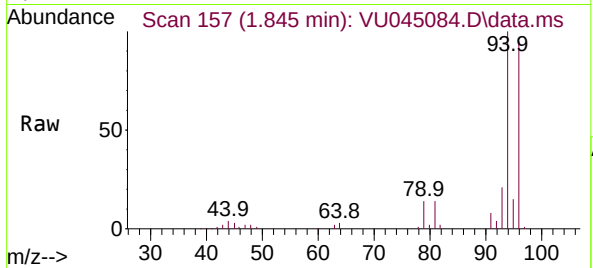


Tgt Ion: 62 Resp: 114708
Ion Ratio Lower Upper
62 100
64 32.8 25.6 38.4

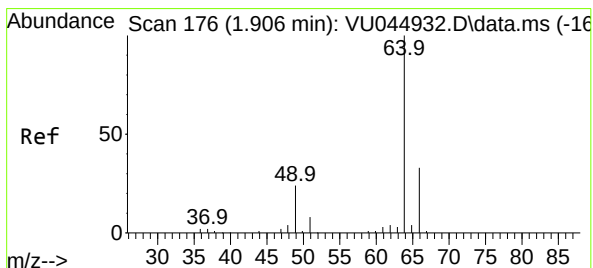
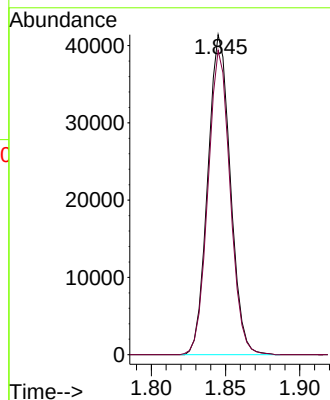
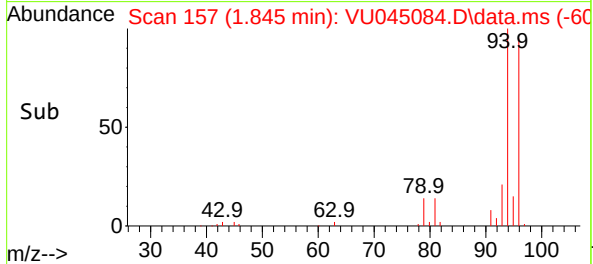




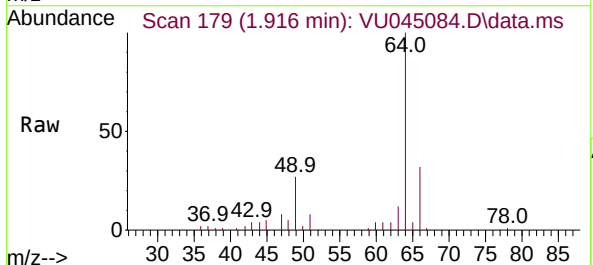
#5
Bromomethane
Concen: 46.233 ug/l
RT: 1.845 min Scan# 157
Delta R.T. 0.013 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



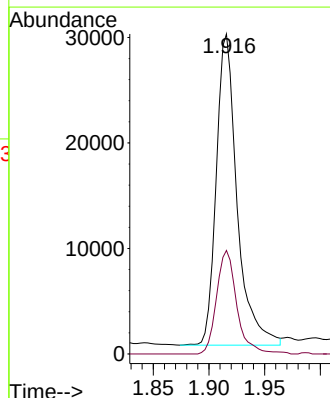
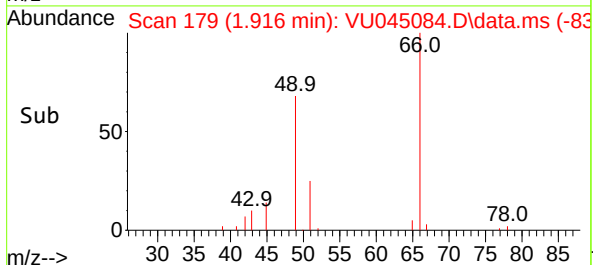
Tgt Ion: 94 Resp: 43765
Ion Ratio Lower Upper
94 100
96 95.1 74.5 111.7



#6
Chloroethane
Concen: 20.698 ug/l
RT: 1.916 min Scan# 179
Delta R.T. 0.010 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



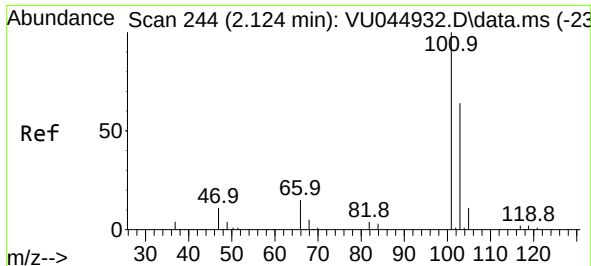
Tgt Ion: 64 Resp: 38372
Ion Ratio Lower Upper
64 100
66 33.3 25.8 38.8



Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/5/2021 12:25:38 PM



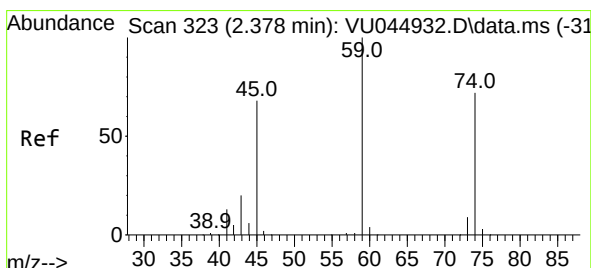
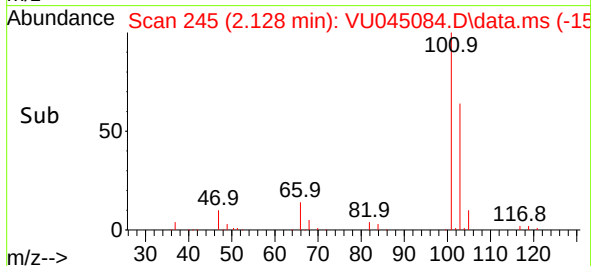
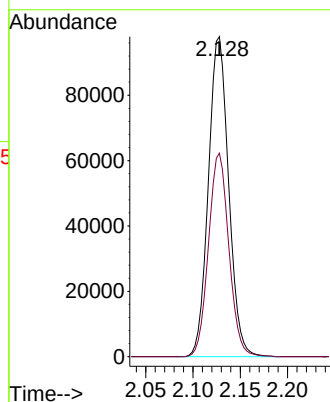
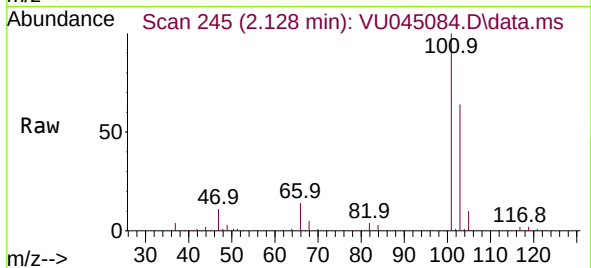
#7
 Trichlorofluoromethane
 Concen: 45.812 ug/l
 RT: 2.128 min Scan# 245
 Delta R.T. 0.004 min
 Lab File: VU045084.D
 Acq: 01 Oct 2021 19:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 146002
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.2 76.8

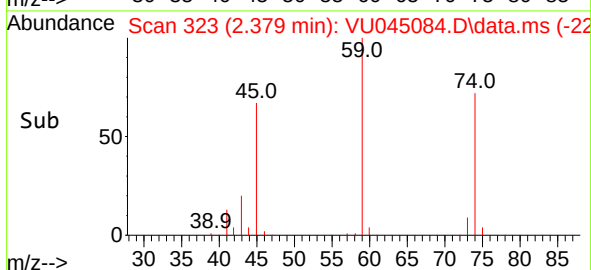
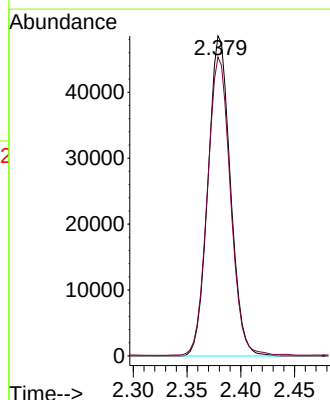
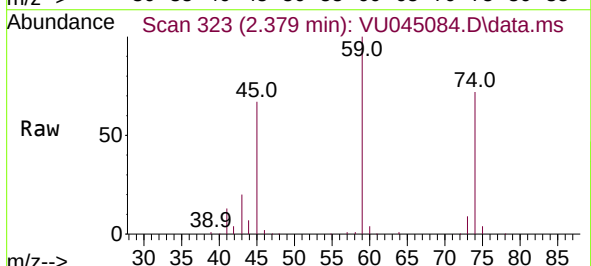
Manual Integrations
 APPROVED

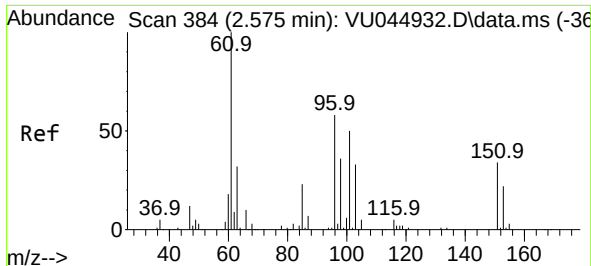
MMDadoda
 10/5/2021 12:25:38 PM



#8
 Diethyl Ether
 Concen: 47.999 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. 0.001 min
 Lab File: VU045084.D
 Acq: 01 Oct 2021 19:33

Tgt Ion: 74 Resp: 70104
 Ion Ratio Lower Upper
 74 100
 45 95.9 52.2 156.6





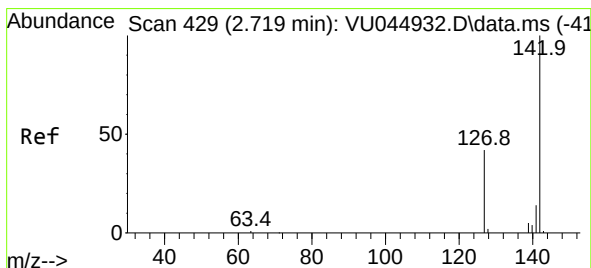
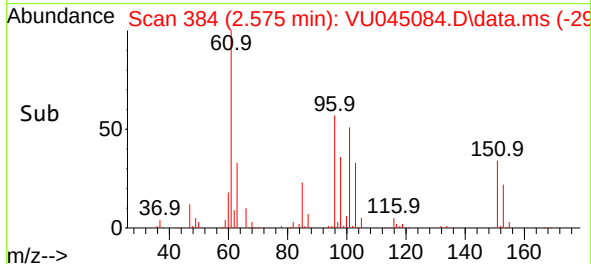
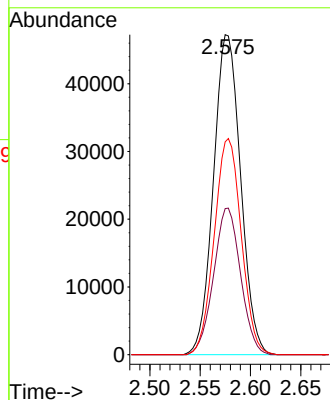
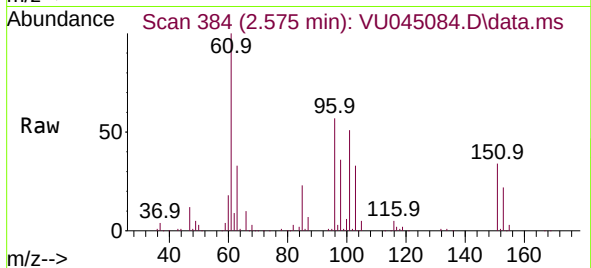
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.944 ug/l
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion:	101	Resp:	88709
Ion Ratio	Lower	Upper	
101	100		
85	45.5	37.2	55.8
151	67.3	55.8	83.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

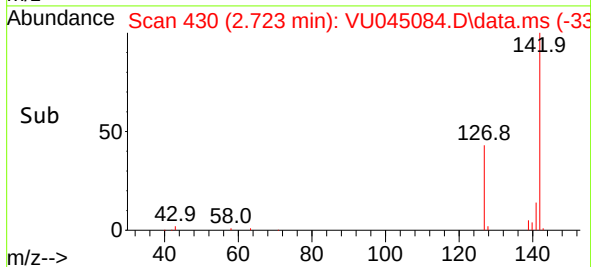
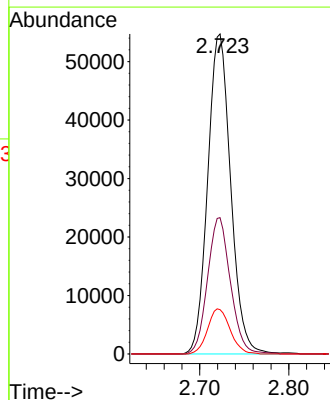
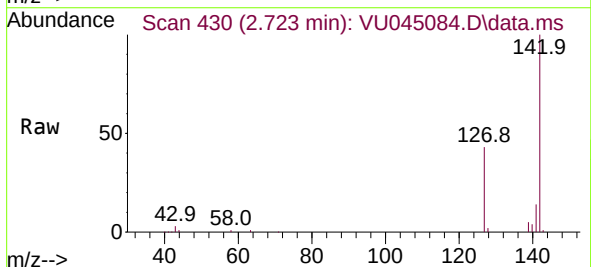
Manual Integrations
APPROVED

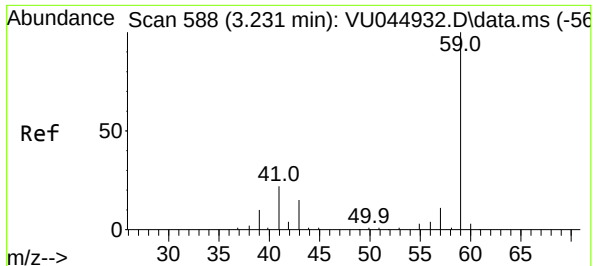
MMDadoda
10/5/2021 12:25:38 PM



#10
Methyl Iodide
Concen: 50.553 ug/l
RT: 2.723 min Scan# 430
Delta R.T. 0.004 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

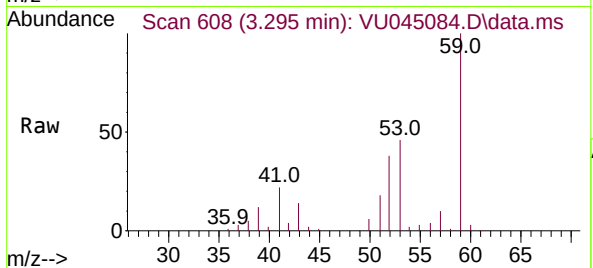
Tgt Ion:	142	Resp:	97793
Ion Ratio	Lower	Upper	
142	100		
127	42.5	35.6	53.4
141	13.9	11.3	16.9





#11
Tert butyl alcohol
Concen: 238.521 ug/l m
RT: 3.295 min Scan# 608
Delta R.T. 0.064 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

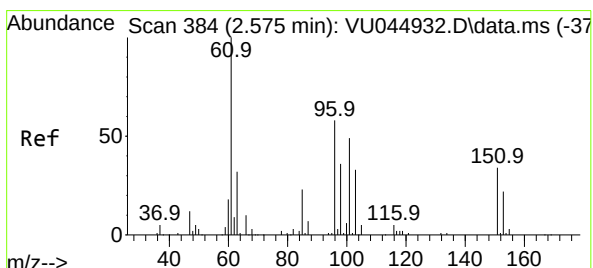
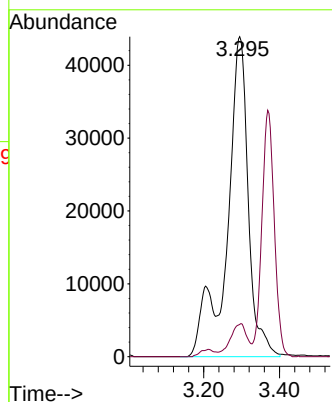
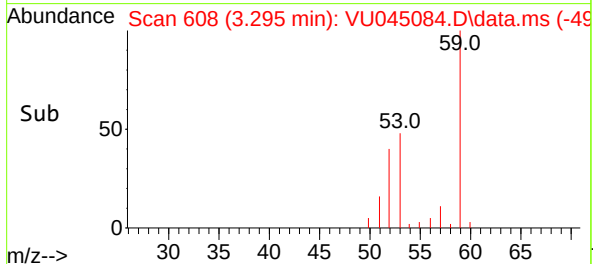
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



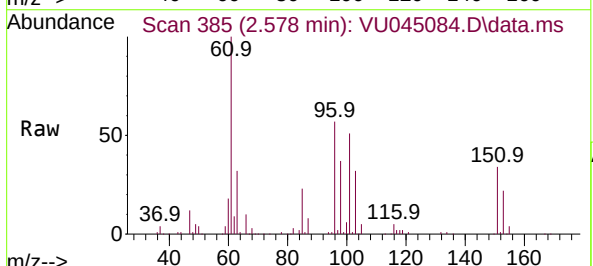
Tgt Ion: 59 Resp: 171707
Ion Ratio Lower Upper
59 100
57 1.6 8.3 12.5#

Manual Integrations
APPROVED

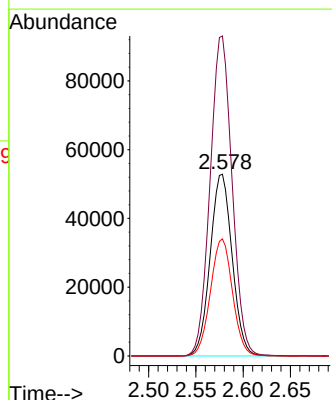
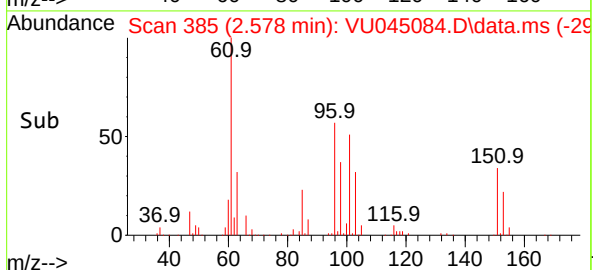
MMDadoda
10/5/2021 12:25:38 PM

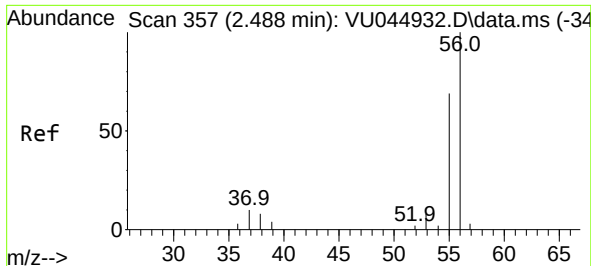


#12
1,1-Dichloroethene
Concen: 47.899 ug/l
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



Tgt Ion: 96 Resp: 85571
Ion Ratio Lower Upper
96 100
61 176.1 145.4 218.0
98 64.4 50.9 76.3





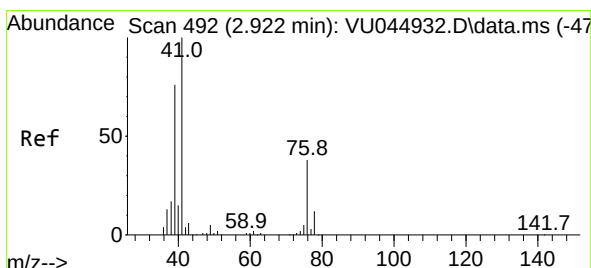
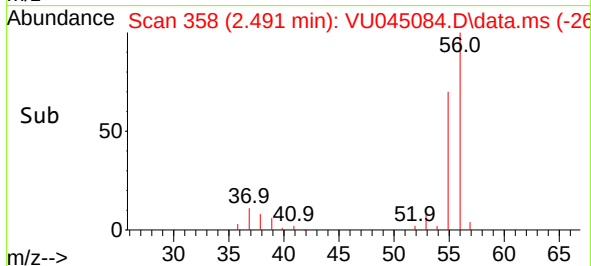
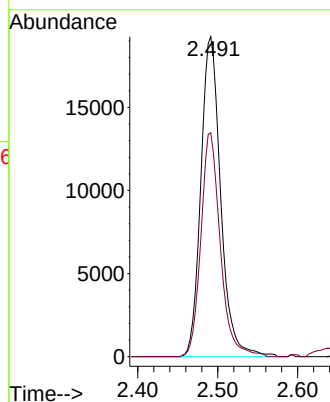
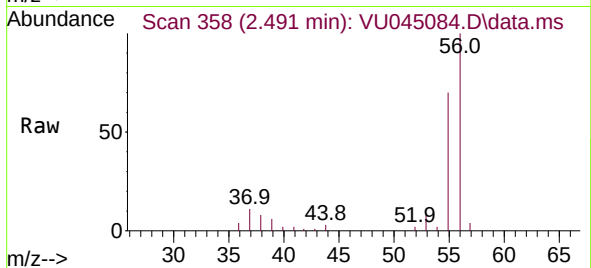
#13
Acrolein
Concen: 237.299 ug/l
RT: 2.491 min Scan# 358
Delta R.T. 0.003 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 56 Resp: 33285
Ion Ratio Lower Upper
56 100
55 68.4 57.4 86.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

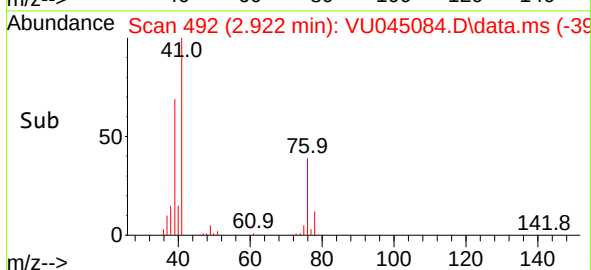
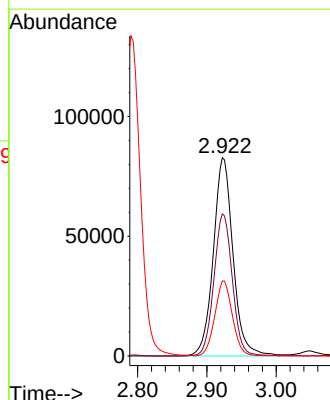
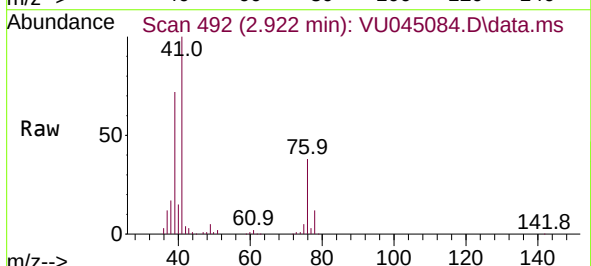
Manual Integrations
APPROVED

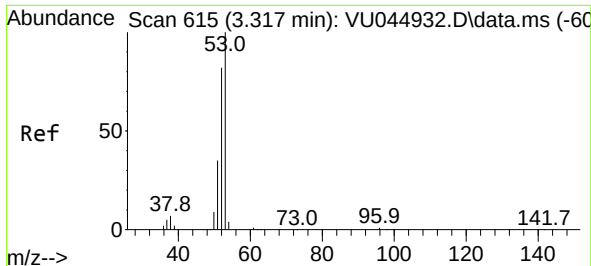
MMDadoda
10/5/2021 12:25:38 PM



#14
Allyl chloride
Concen: 49.674 ug/l
RT: 2.922 min Scan# 492
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

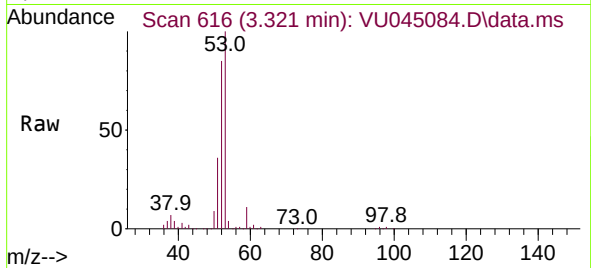
Tgt Ion: 41 Resp: 164230
Ion Ratio Lower Upper
41 100
39 66.9 53.0 79.6
76 33.3 25.7 38.5





#15
Acrylonitrile
Concen: 254.675 ug/l
RT: 3.321 min Scan# 616
Delta R.T. 0.004 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

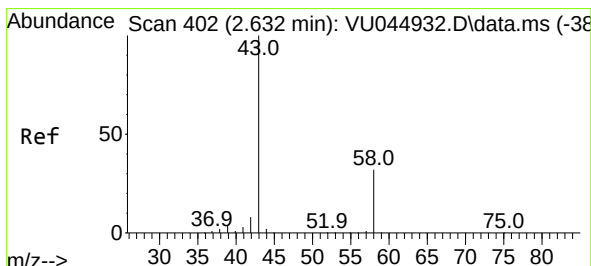
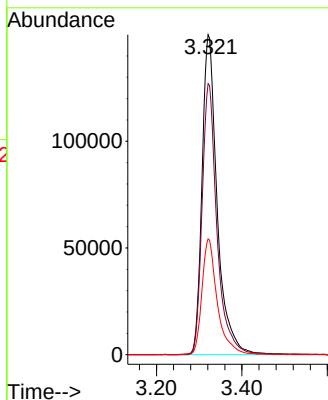
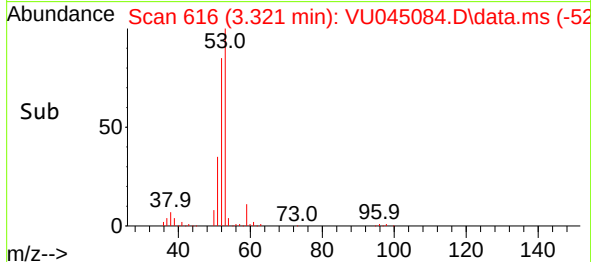
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



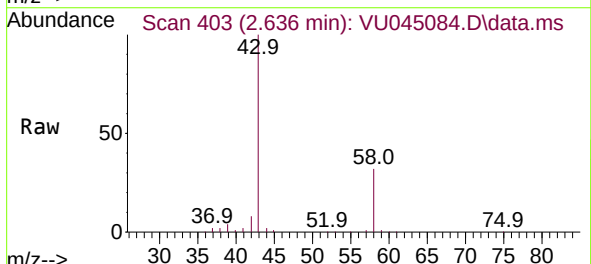
Tgt Ion: 53 Resp: 369746
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 36.7 28.6 42.8

Manual Integrations
APPROVED

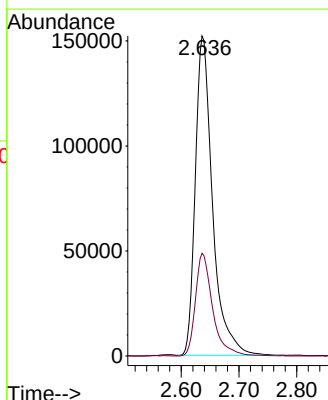
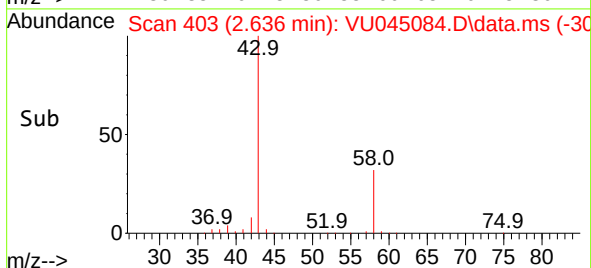
MMDadoda
10/5/2021 12:25:38 PM

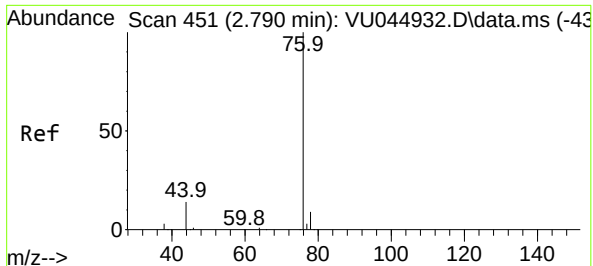


#16
Acetone
Concen: 211.888 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.004 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



Tgt Ion: 43 Resp: 315470
Ion Ratio Lower Upper
43 100
58 32.2 25.2 37.8





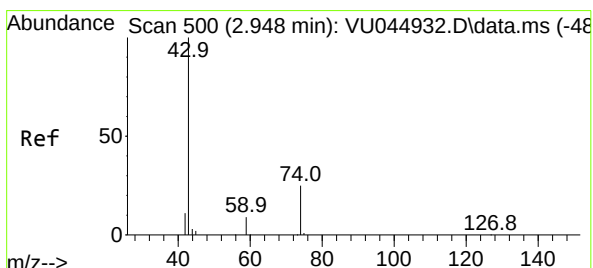
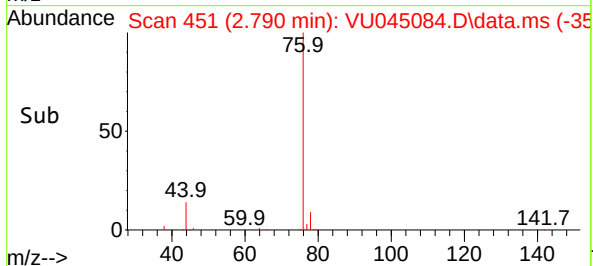
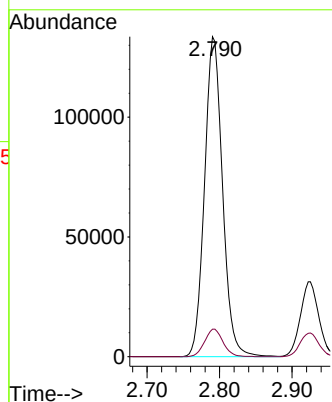
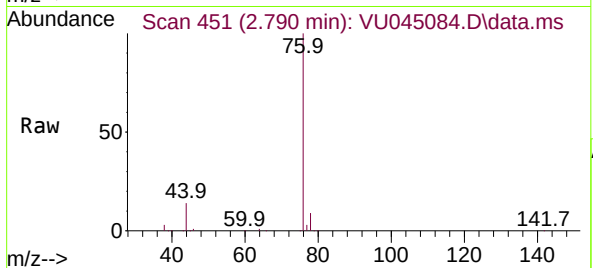
#17
Carbon Disulfide
Concen: 43.713 ug/l
RT: 2.790 min Scan# 451
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 76 Resp: 230527
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

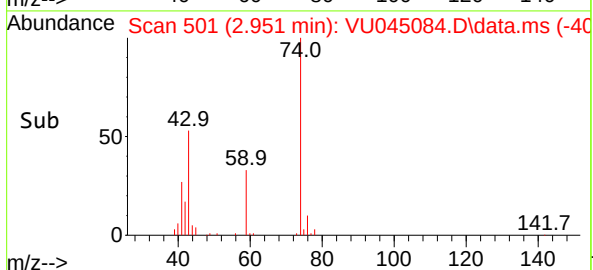
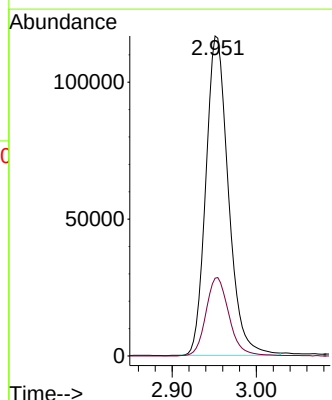
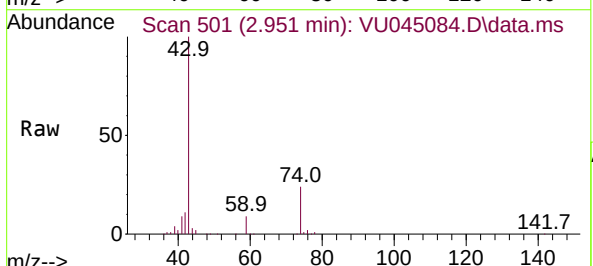
Manual Integrations
APPROVED

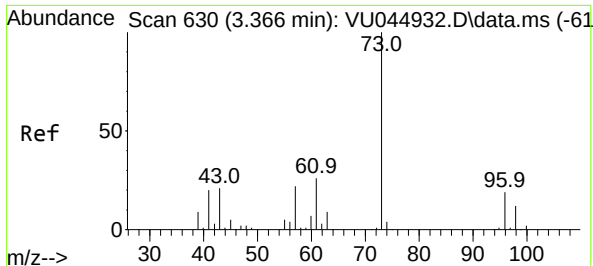
MMDadoda
10/5/2021 12:25:38 PM



#18
Methyl Acetate
Concen: 49.962 ug/l
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 43 Resp: 217408
Ion Ratio Lower Upper
43 100
74 25.2 19.0 28.6





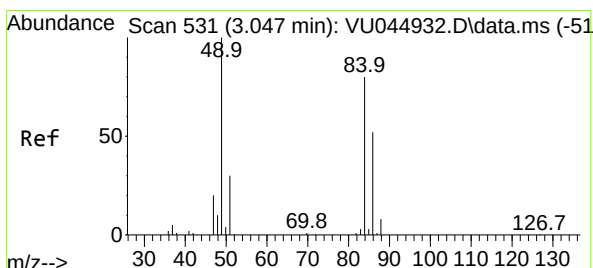
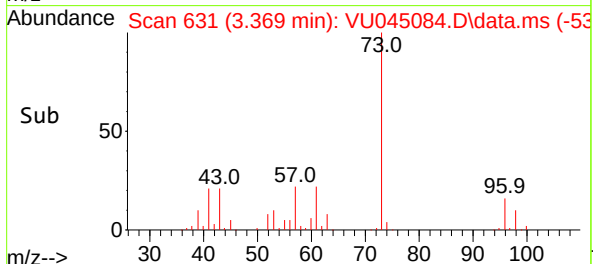
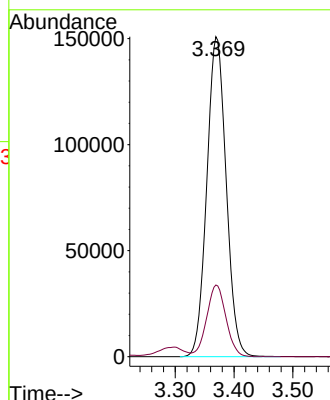
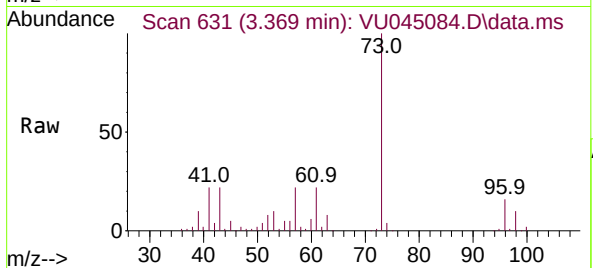
#19
Methyl tert-butyl Ether
Concen: 49.989 ug/l
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 73 Resp: 344739
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

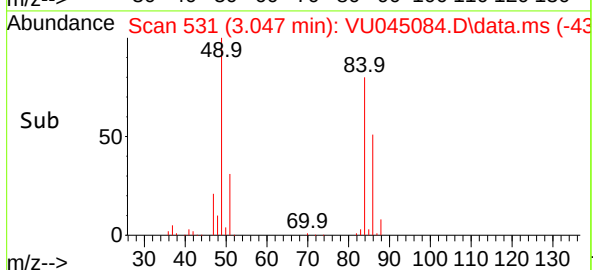
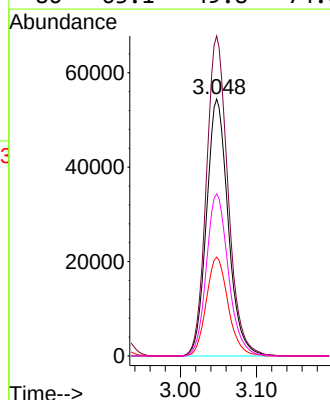
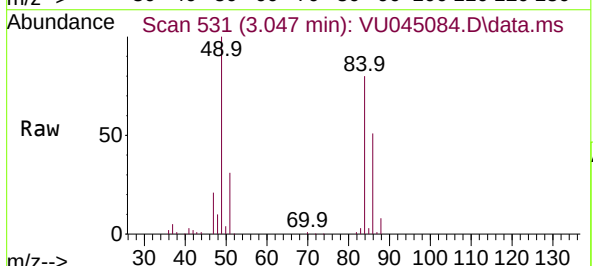
Manual Integrations
APPROVED

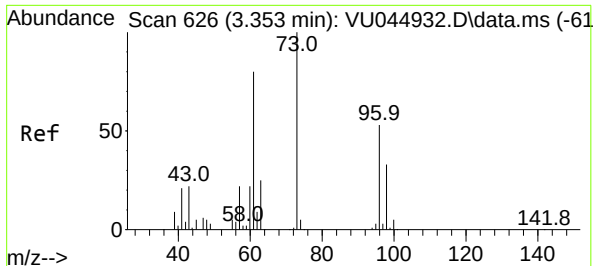
MMDadoda
10/5/2021 12:25:38 PM



#20
Methylene Chloride
Concen: 48.174 ug/l
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

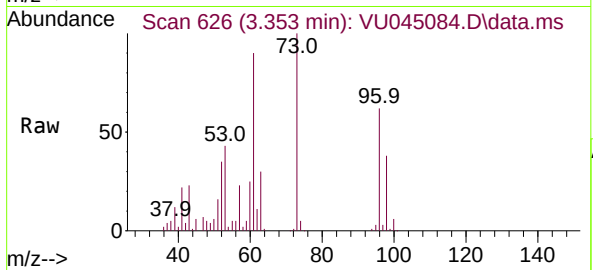
Tgt Ion: 84 Resp: 108032
Ion Ratio Lower Upper
84 100
49 124.5 104.9 157.3
51 38.5 31.8 47.8
86 63.1 49.8 74.6





#21
trans-1,2-Dichloroethene
Concen: 48.318 ug/l
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

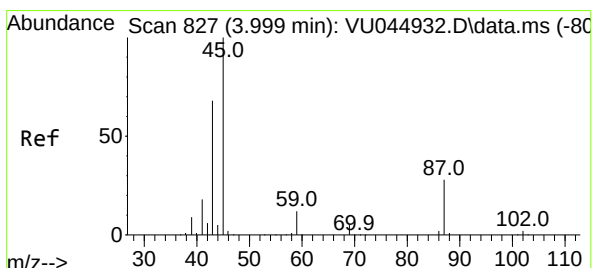
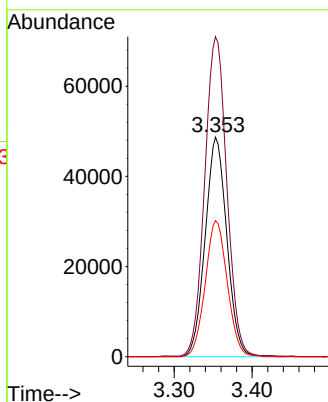
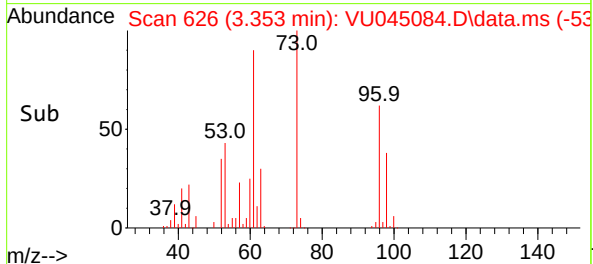
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



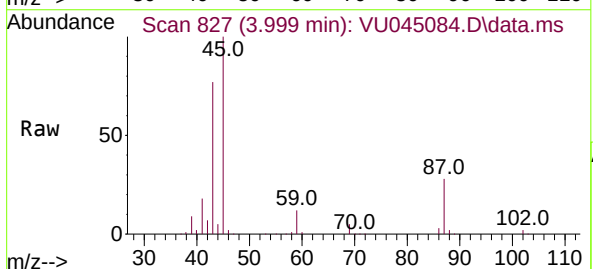
Tgt Ion: 96 Resp: 94427
Ion Ratio Lower Upper
96 100
61 145.5 123.2 184.8
98 61.9 51.0 76.6

Manual Integrations
APPROVED

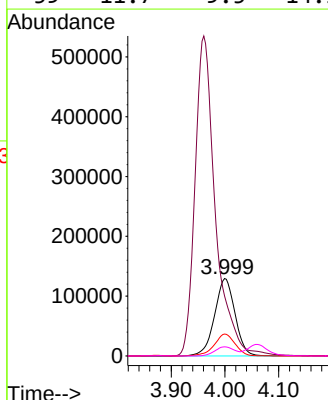
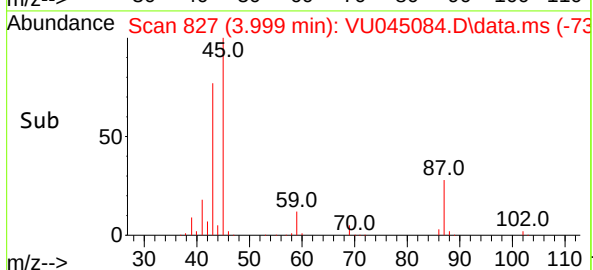
MMDadoda
10/5/2021 12:25:38 PM

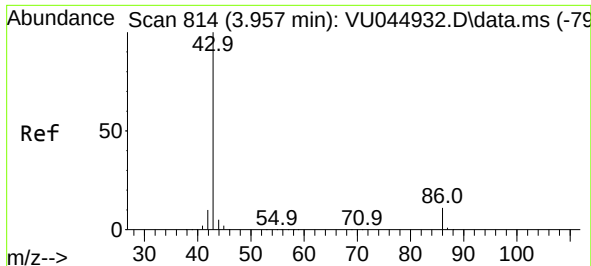


#22
Diisopropyl ether
Concen: 50.625 ug/l
RT: 3.999 min Scan# 827
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



Tgt Ion: 45 Resp: 341710
Ion Ratio Lower Upper
45 100
43 76.3 62.3 93.5
87 28.2 21.0 31.4
59 11.7 9.5 14.3





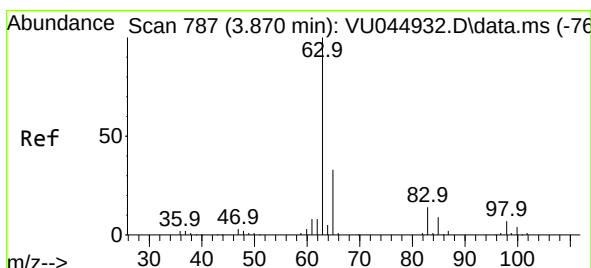
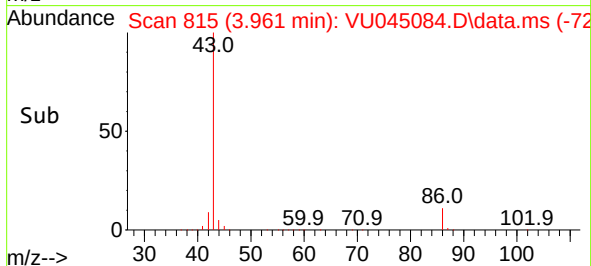
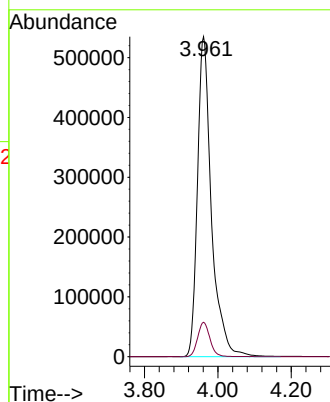
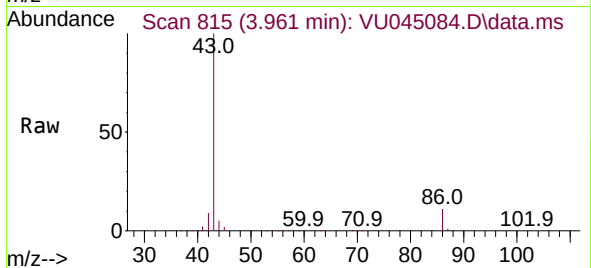
#23
 Vinyl Acetate
 Concen: 257.675 ug/l
 RT: 3.961 min Scan# 815
 Delta R.T. 0.004 min
 Lab File: VU045084.D
 Acq: 01 Oct 2021 19:33

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1414570
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.2 12.4

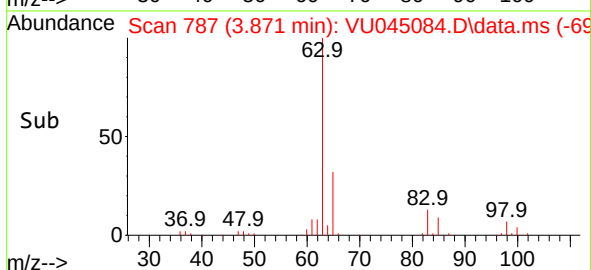
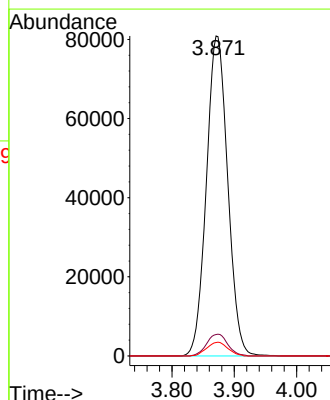
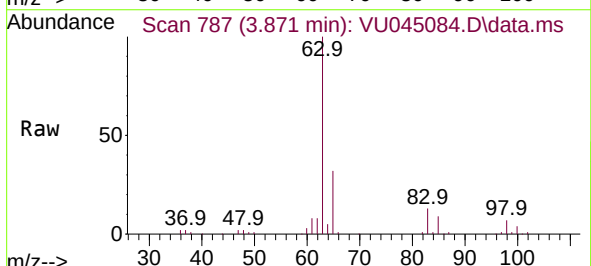
Manual Integrations
 APPROVED

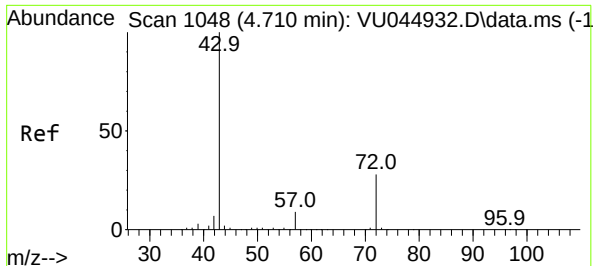
MMDadoda
 10/5/2021 12:25:38 PM



#24
 1,1-Dichloroethane
 Concen: 49.600 ug/l
 RT: 3.871 min Scan# 787
 Delta R.T. 0.001 min
 Lab File: VU045084.D
 Acq: 01 Oct 2021 19:33

Tgt Ion: 63 Resp: 192192
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.2 2.1 6.3





#25

2-Butanone

Concen: 239.507 ug/l

RT: 4.713 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU045084.D

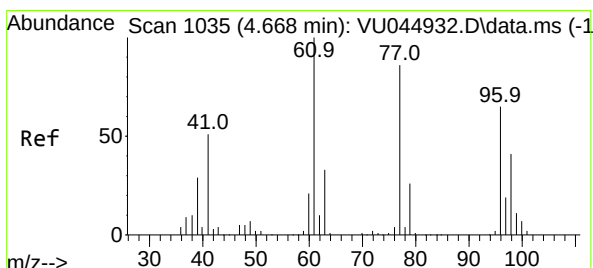
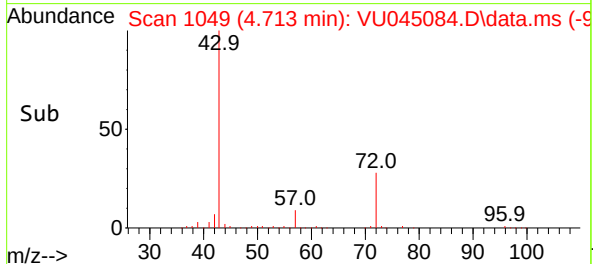
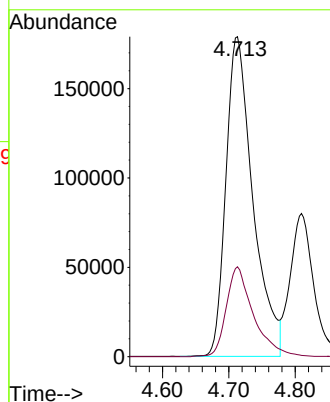
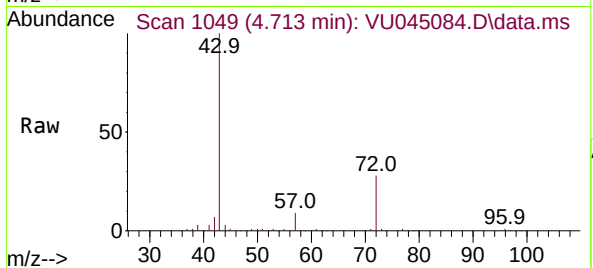
Acq: 01 Oct 2021 19:33

Tgt Ion: 43 Resp: 506632

Ion Ratio Lower Upper

43 100

72 28.1 21.3 31.9



#26

2,2-Dichloropropane

Concen: 45.612 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU045084.D

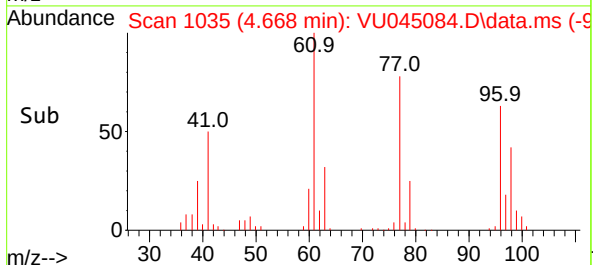
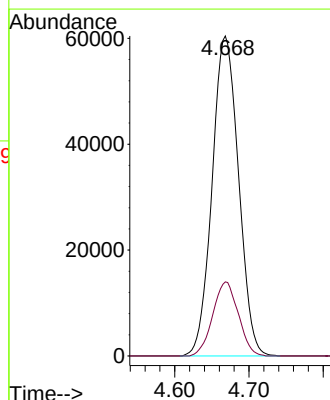
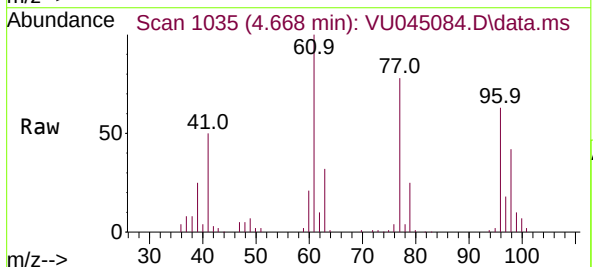
Acq: 01 Oct 2021 19:33

Tgt Ion: 77 Resp: 149424

Ion Ratio Lower Upper

77 100

97 22.4 10.8 32.4



Instrument :

MSVOA_U

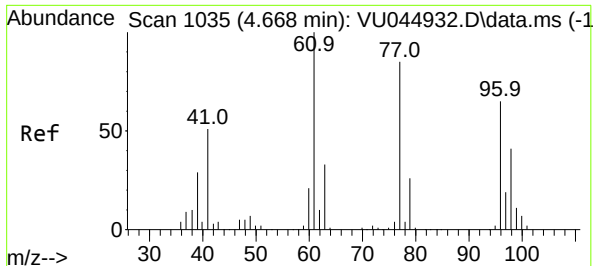
ClientSampleId :

VSTDCCC050EC

Manual Integrations

APPROVED

MMDadoda
10/5/2021 12:25:38 PM



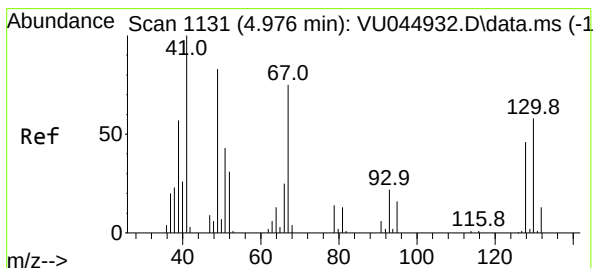
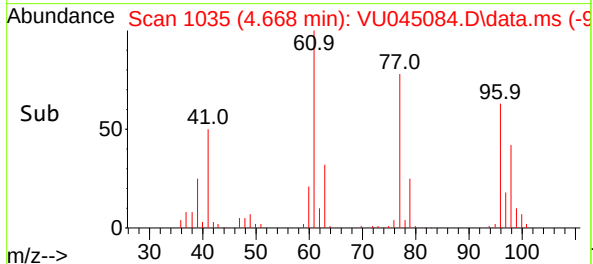
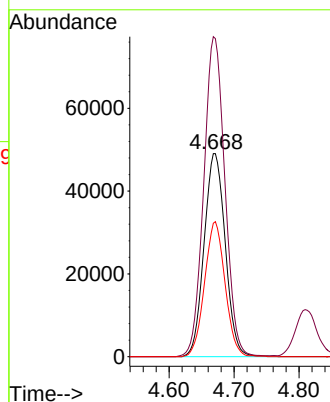
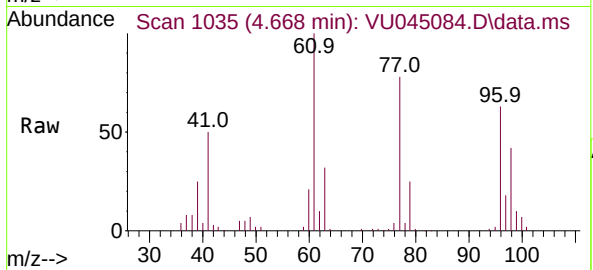
#27
cis-1,2-Dichloroethene
Concen: 48.250 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 96 Resp: 111368
Ion Ratio Lower Upper
96 100
61 157.4 0.0 313.4
98 64.3 0.0 127.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

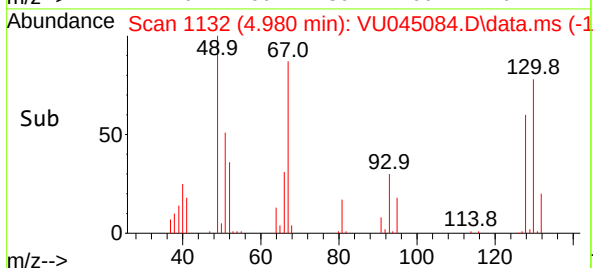
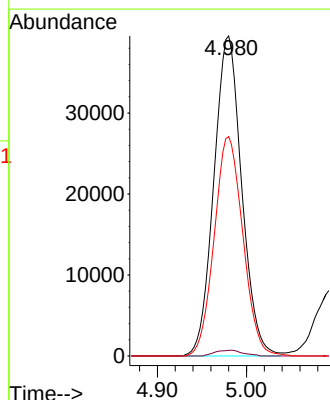
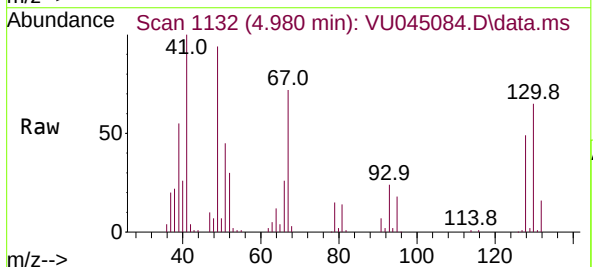
Manual Integrations
APPROVED

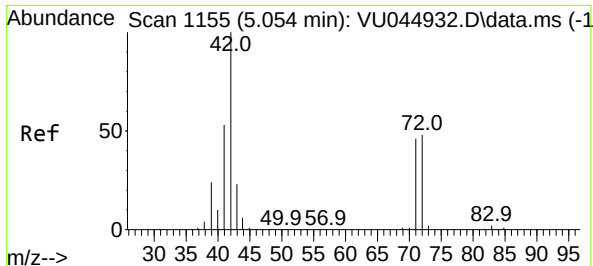
MMDadoda
10/5/2021 12:25:38 PM



#28
Bromochloromethane
Concen: 53.455 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.004 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 49 Resp: 85851
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.2
130 70.5 53.4 80.2





#29

Tetrahydrofuran

Concen: 255.068 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.003 min

Lab File: VU045084.D

Acq: 01 Oct 2021 19:33

Tgt Ion: 42 Resp: 321181

Ion Ratio Lower Upper

42 100

72 47.6 36.2 54.4

71 44.2 34.1 51.1

Instrument :

MSVOA_U

ClientSampleId :

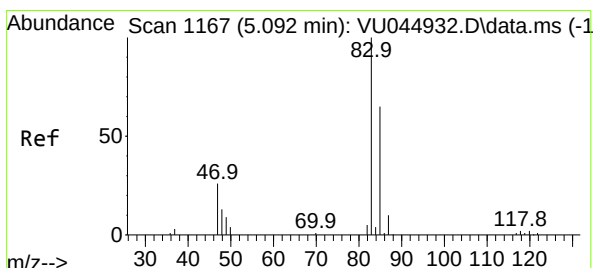
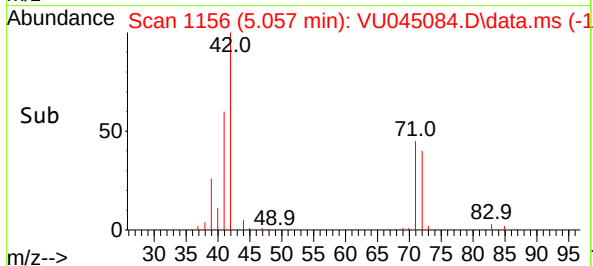
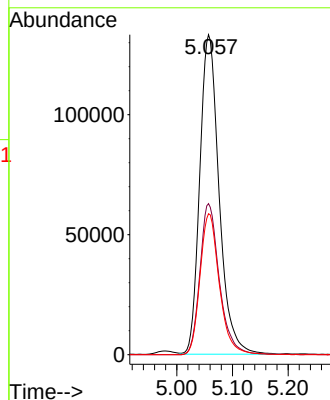
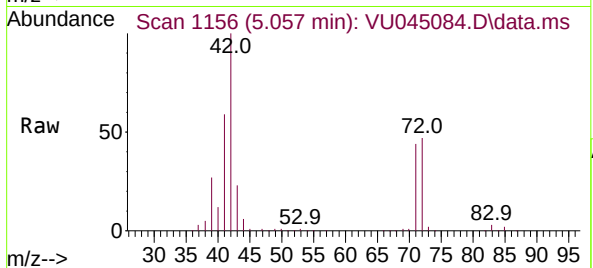
VSTDCCC050EC

Manual Integrations

APPROVED

MMDadoda

10/5/2021 12:25:38 PM



#30

Chloroform

Concen: 49.232 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045084.D

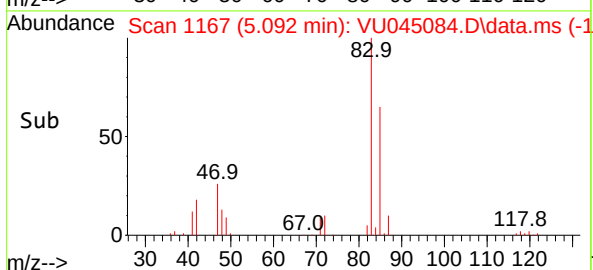
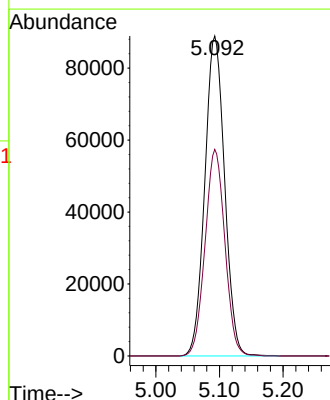
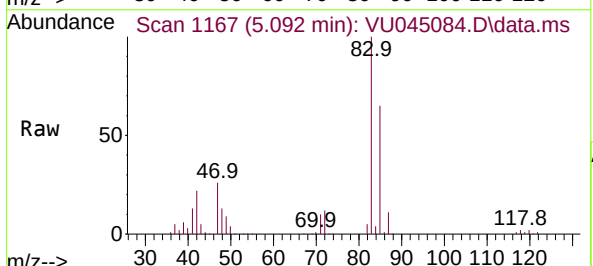
Acq: 01 Oct 2021 19:33

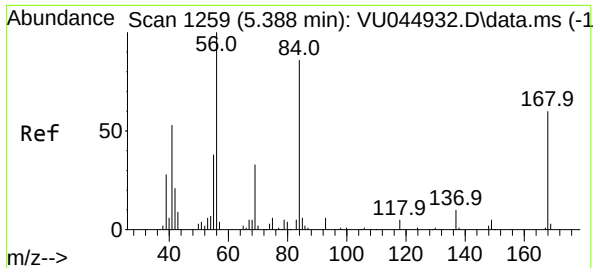
Tgt Ion: 83 Resp: 192272

Ion Ratio Lower Upper

83 100

85 64.5 52.1 78.1





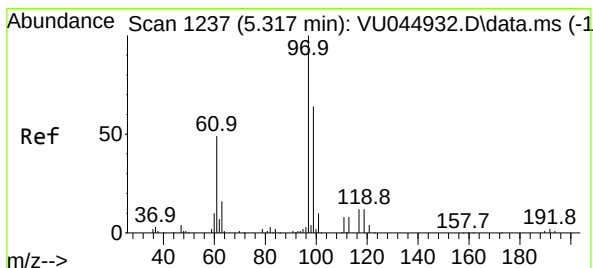
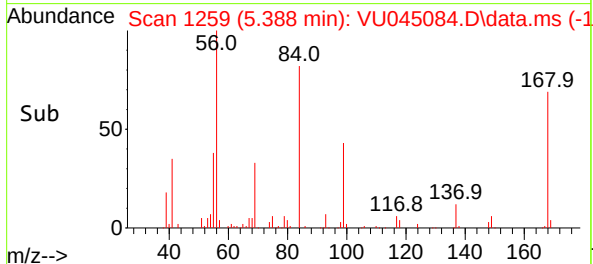
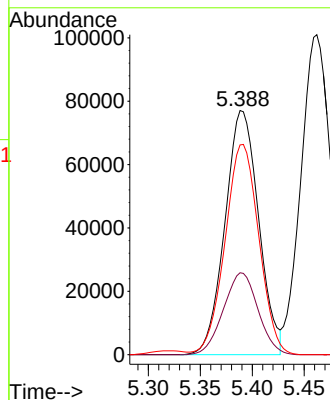
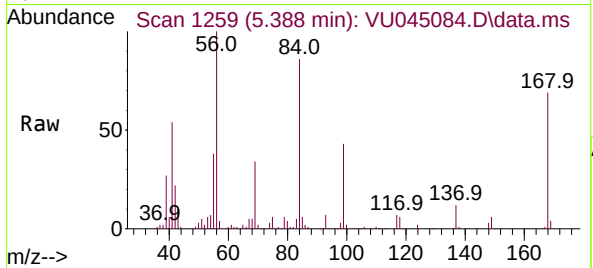
#31
Cyclohexane
Concen: 45.585 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 56 Resp: 173683
Ion Ratio Lower Upper
56 100
69 33.5 25.2 37.8
84 84.5 66.4 99.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

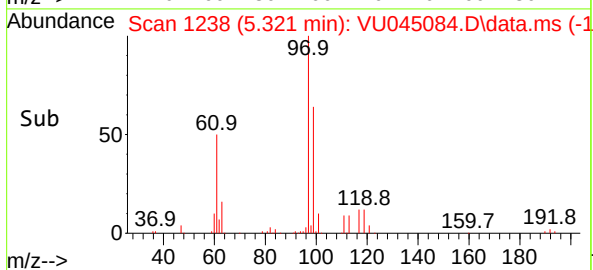
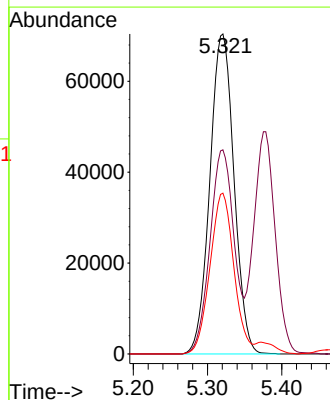
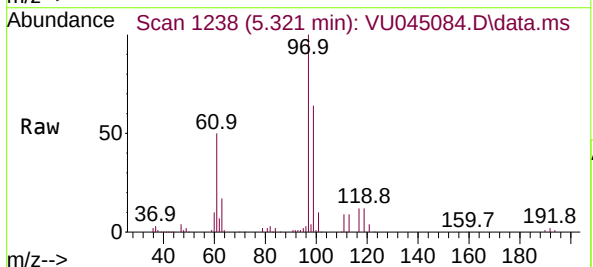
Manual Integrations
APPROVED

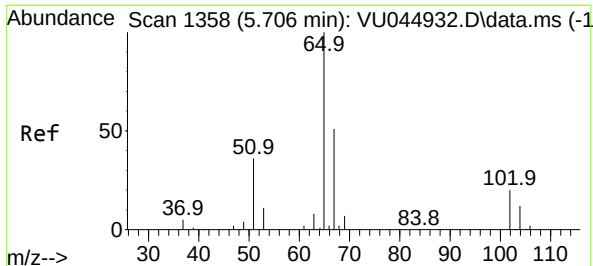
MMDadoda
10/5/2021 12:25:38 PM



#32
1,1,1-Trichloroethane
Concen: 49.358 ug/l
RT: 5.321 min Scan# 1238
Delta R.T. 0.004 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 97 Resp: 159053
Ion Ratio Lower Upper
97 100
99 64.4 50.9 76.3
61 49.9 40.7 61.1





#33

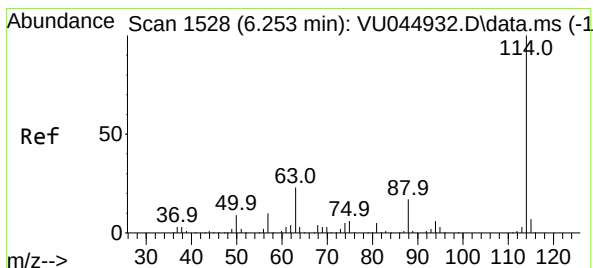
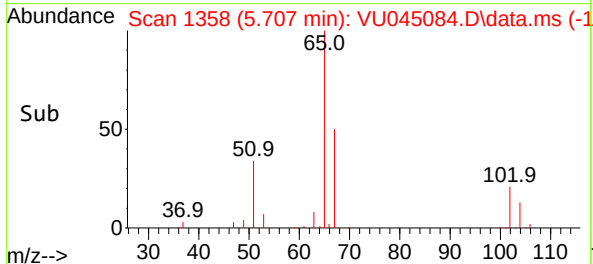
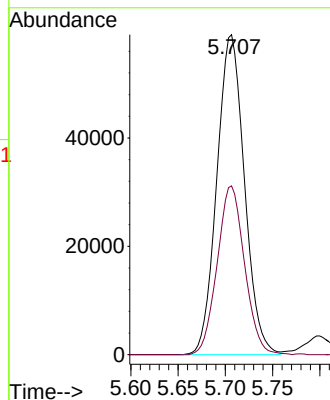
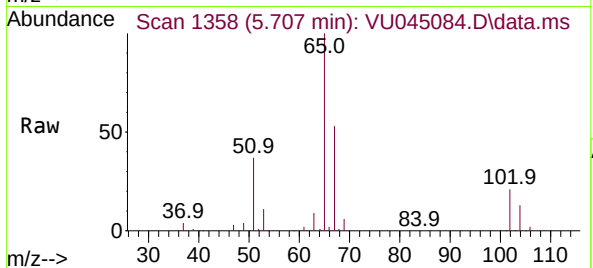
1,2-Dichloroethane-d4
Concen: 47.794 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.001 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 65 Resp: 119880
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

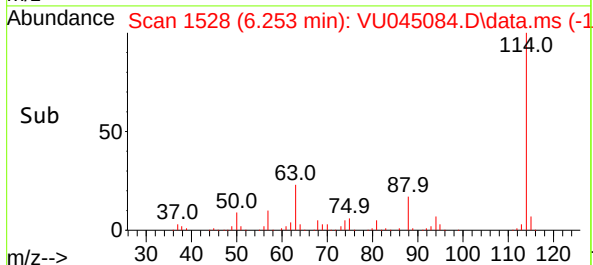
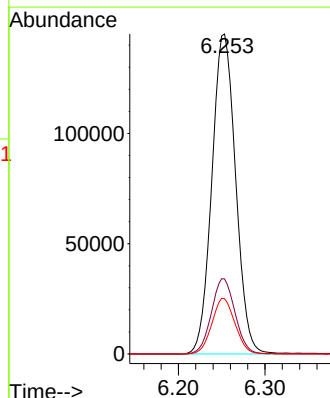
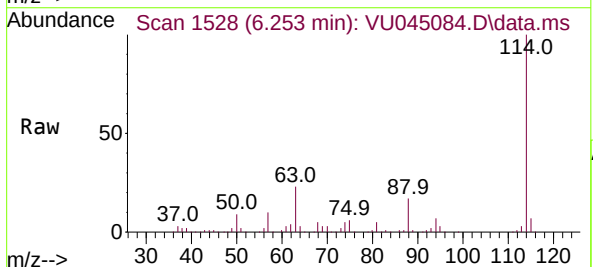
MMDadoda
10/5/2021 12:25:38 PM

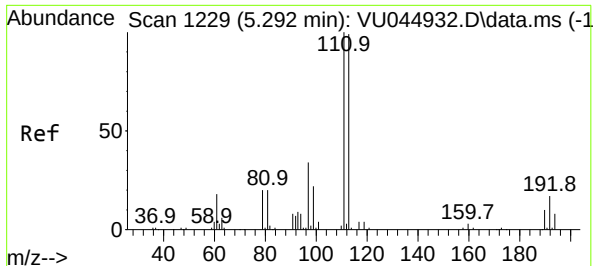


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 114 Resp: 276501
Ion Ratio Lower Upper
114 100
63 23.4 0.0 47.8
88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.567 ug/l

RT: 5.295 min Scan# 1230

Delta R.T. 0.003 min

Lab File: VU045084.D

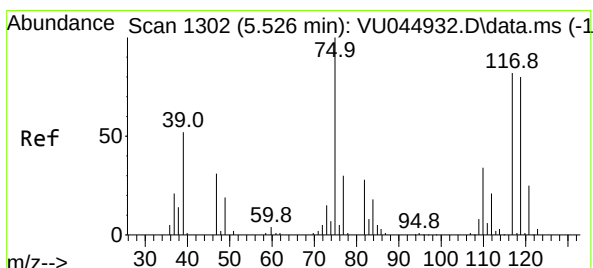
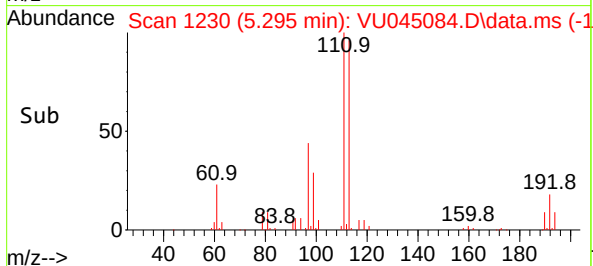
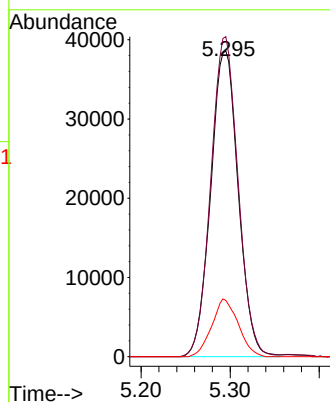
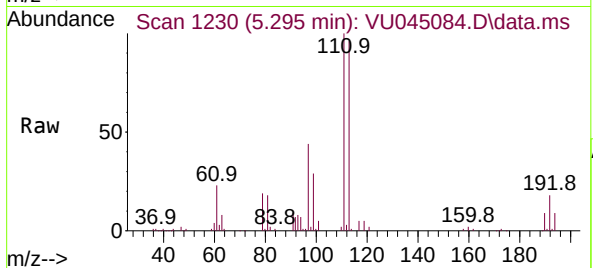
Acq: 01 Oct 2021 19:33

Tgt Ion:	113	Resp:	82970
Ion Ratio	Lower	Upper	
113	100		
111	103.4	84.1	126.1
192	18.1	14.8	22.2

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/5/2021 12:25:38 PM



#36

1,1-Dichloropropene

Concen: 47.937 ug/l

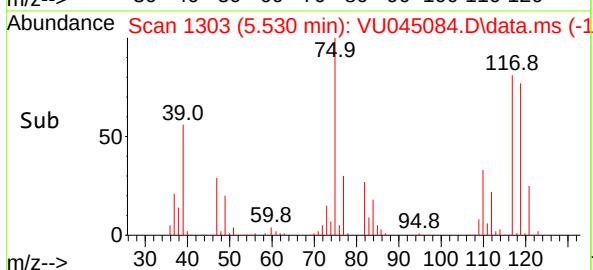
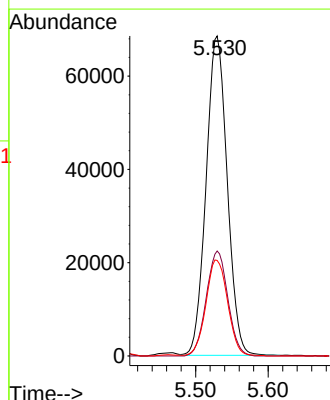
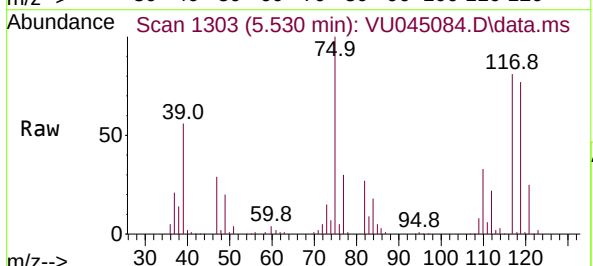
RT: 5.530 min Scan# 1303

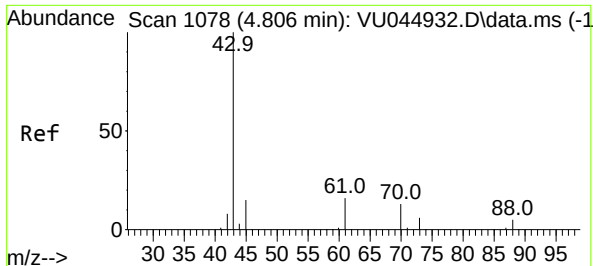
Delta R.T. 0.004 min

Lab File: VU045084.D

Acq: 01 Oct 2021 19:33

Tgt Ion:	75	Resp:	138612
Ion Ratio	Lower	Upper	
75	100		
110	33.5	16.3	48.9
77	31.1	25.0	37.4





#37

Ethyl Acetate

Concen: 51.611 ug/l

RT: 4.809 min Scan# 1079

Delta R.T. 0.003 min

Lab File: VU045084.D

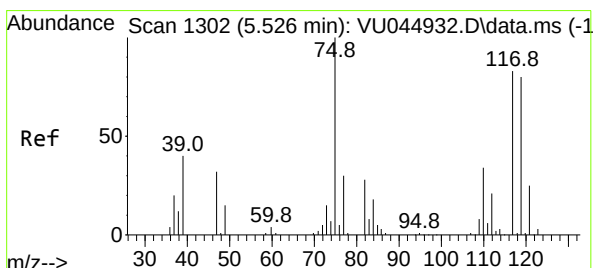
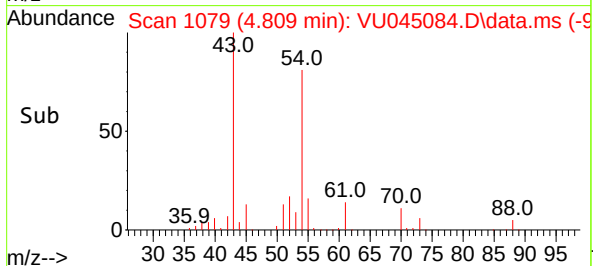
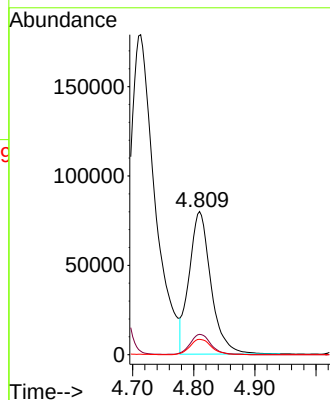
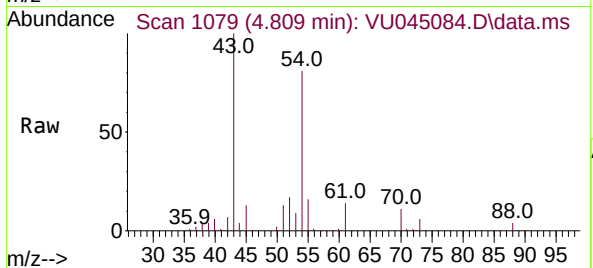
Acq: 01 Oct 2021 19:33

Tgt Ion:	43	Resp:	197458
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.9	16.3
70	10.7	8.2	12.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/5/2021 12:25:38 PM



#38

Carbon Tetrachloride

Concen: 48.101 ug/l

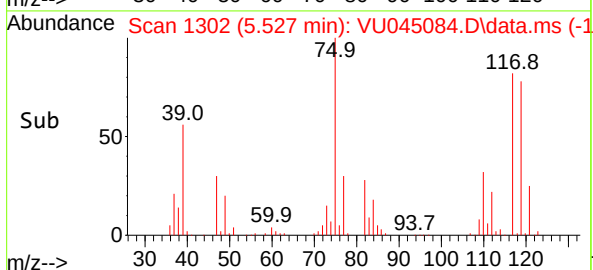
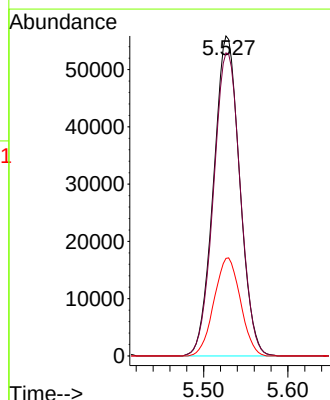
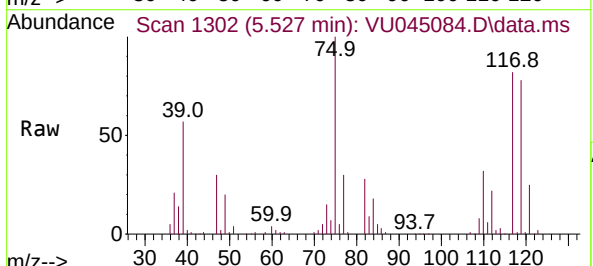
RT: 5.527 min Scan# 1302

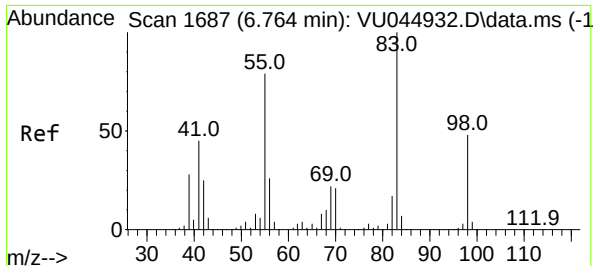
Delta R.T. 0.001 min

Lab File: VU045084.D

Acq: 01 Oct 2021 19:33

Tgt Ion:	117	Resp:	120355
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.2
121	30.5	24.5	36.7





#39

Methylcyclohexane

Concen: 46.518 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU045084.D

Acq: 01 Oct 2021 19:33

Tgt Ion:	83	Resp:	165125
Ion	Ratio	Lower	Upper
83	100		
55	79.9	66.2	99.4
98	47.8	37.5	56.3

Instrument :

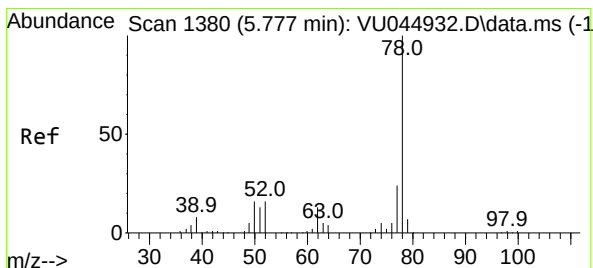
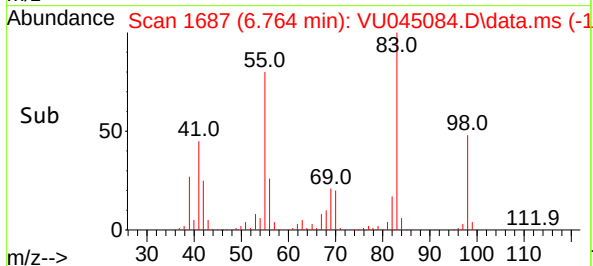
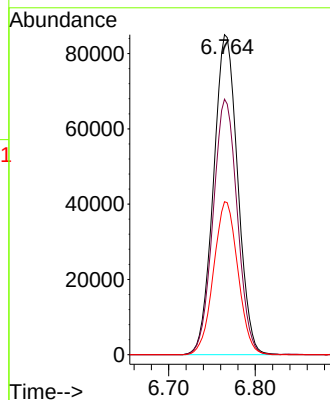
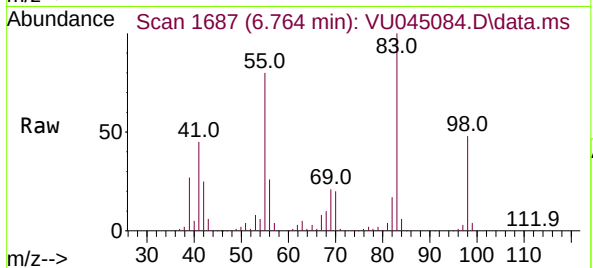
MSVOA_U

ClientSampleId :

VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/5/2021 12:25:38 PM



#40

Benzene

Concen: 48.547 ug/l

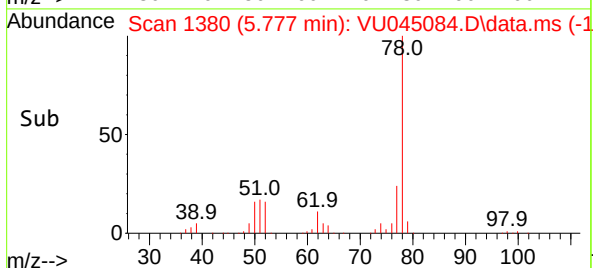
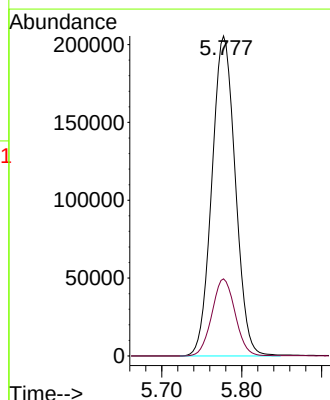
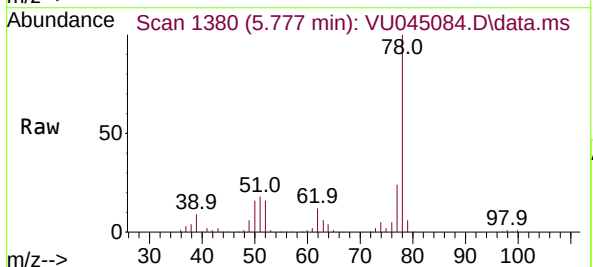
RT: 5.777 min Scan# 1380

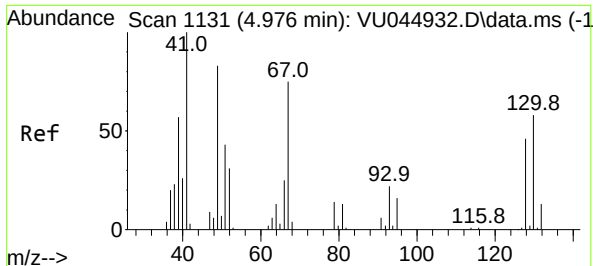
Delta R.T. 0.000 min

Lab File: VU045084.D

Acq: 01 Oct 2021 19:33

Tgt Ion:	78	Resp:	418089
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





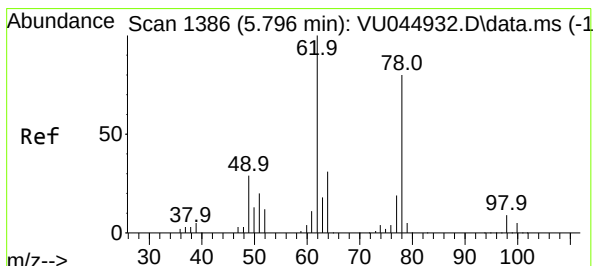
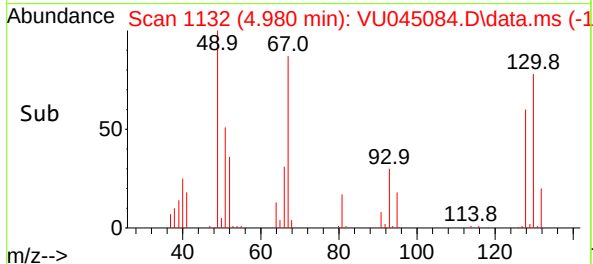
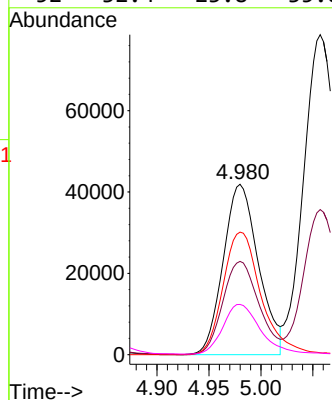
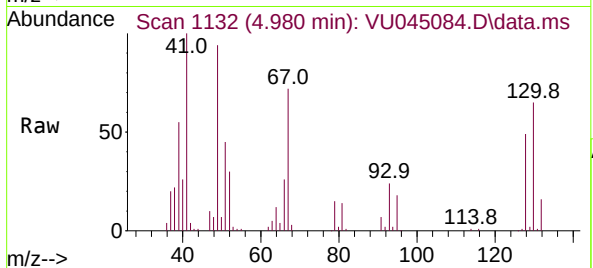
#41
Methacrylonitrile
Concen: 50.286 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.004 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion:	41	Resp:	99043
Ion Ratio	Lower	Upper	
41	100		
39	56.1	44.4	66.6
67	77.8	58.1	87.1
52	32.4	23.8	35.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

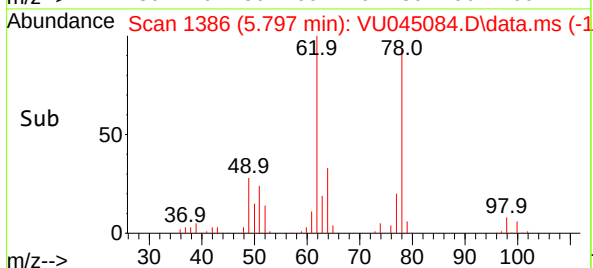
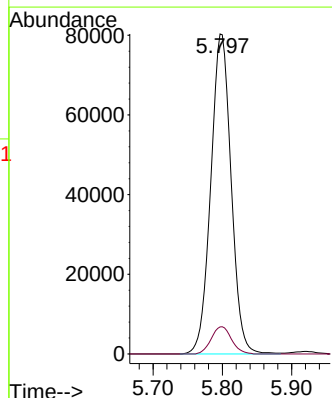
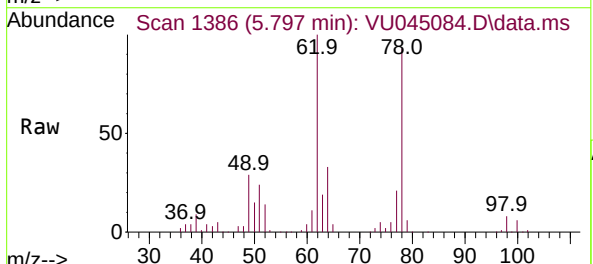
Manual Integrations
APPROVED

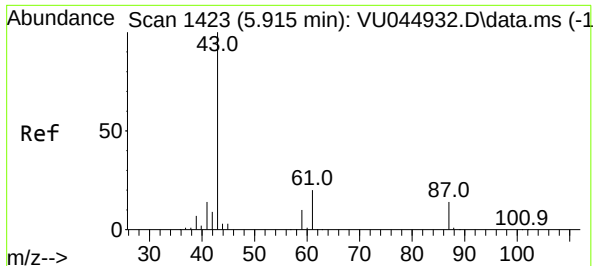
MMDadoda
10/5/2021 12:25:38 PM



#42
1,2-Dichloroethane
Concen: 48.425 ug/l
RT: 5.797 min Scan# 1386
Delta R.T. 0.001 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion:	62	Resp:	163914
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	17.8





#43

Isopropyl Acetate

Concen: 50.076 ug/l

RT: 5.919 min Scan# 1424

Delta R.T. 0.004 min

Lab File: VU045084.D

Acq: 01 Oct 2021 19:33

Tgt Ion:	43	Resp:	288229
Ion Ratio	Lower	Upper	
43	100		
61	20.7	16.1	24.1
87	13.3	10.3	15.5

Instrument :

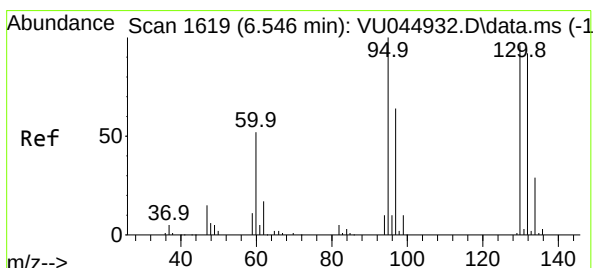
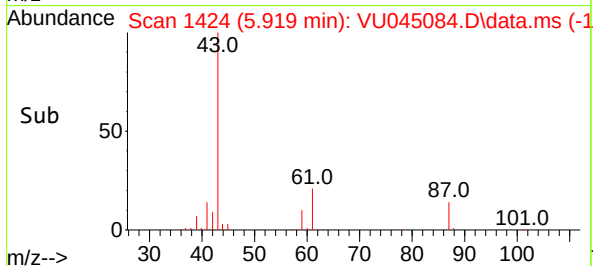
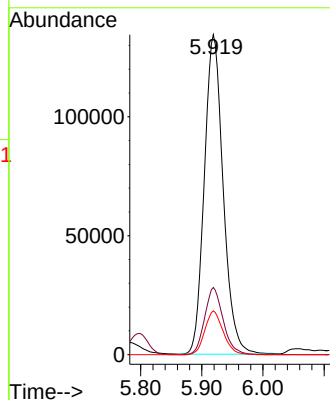
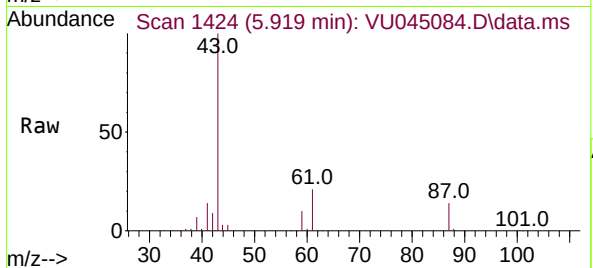
MSVOA_U

ClientSampleId :

VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/5/2021 12:25:38 PM



#44

Trichloroethene

Concen: 47.324 ug/l

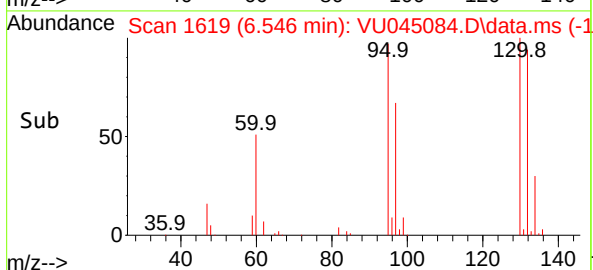
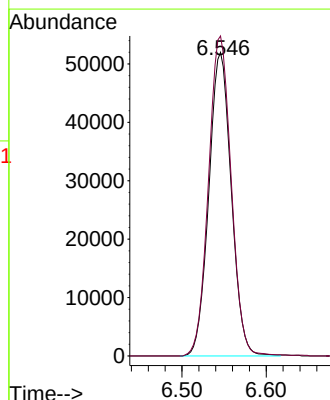
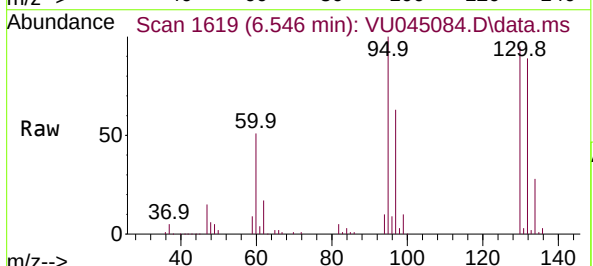
RT: 6.546 min Scan# 1619

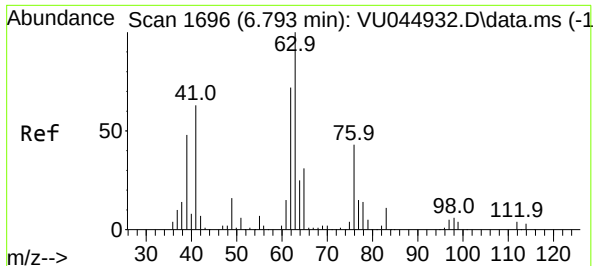
Delta R.T. -0.000 min

Lab File: VU045084.D

Acq: 01 Oct 2021 19:33

Tgt Ion:	130	Resp:	96091
Ion Ratio	Lower	Upper	
130	100		
95	105.4	0.0	209.0





#45

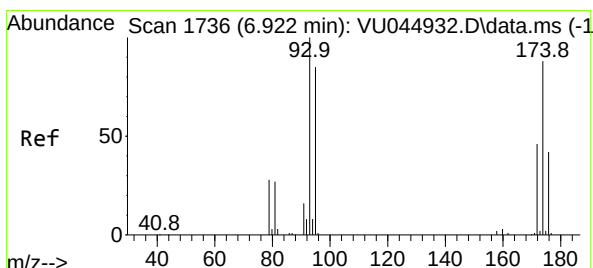
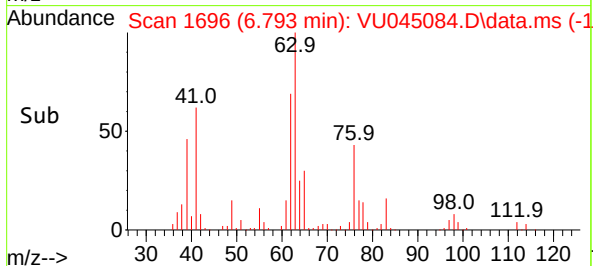
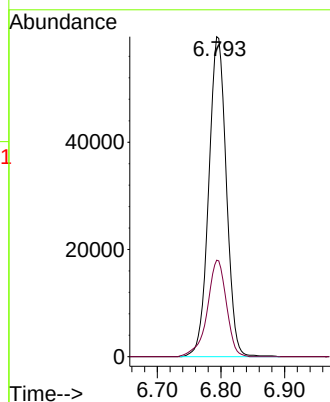
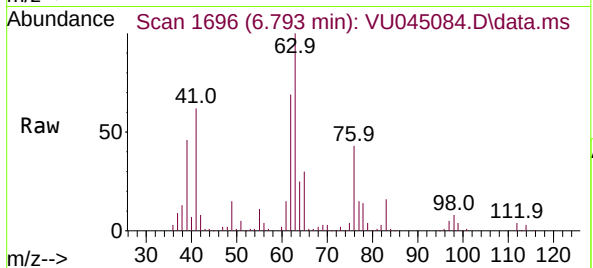
1,2-Dichloropropane
Concen: 50.104 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 63 Resp: 114401
Ion Ratio Lower Upper
63 100
65 30.2 23.9 35.9

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

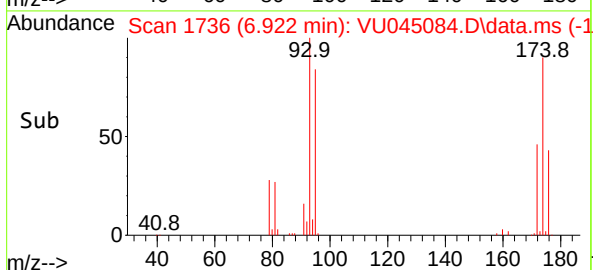
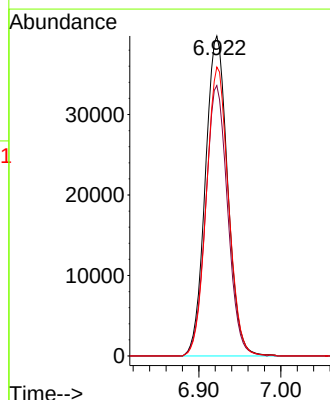
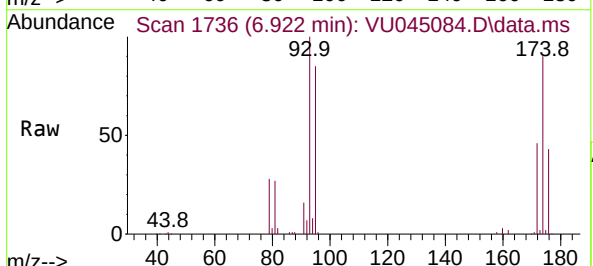
MMDadoda
10/5/2021 12:25:38 PM

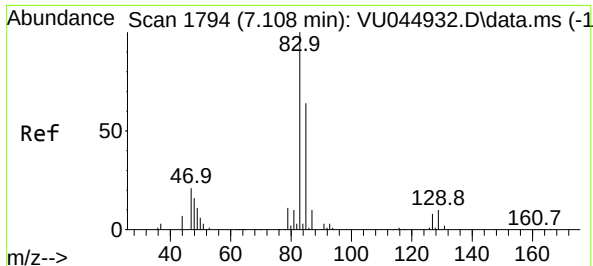


#46

Dibromomethane
Concen: 48.921 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

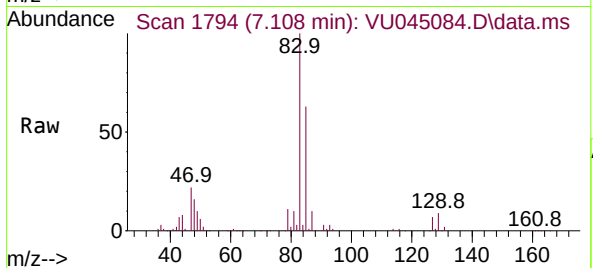
Tgt Ion: 93 Resp: 75246
Ion Ratio Lower Upper
93 100
95 83.2 65.6 98.4
174 89.6 70.7 106.1





#47
Bromodichloromethane
Concen: 49.991 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

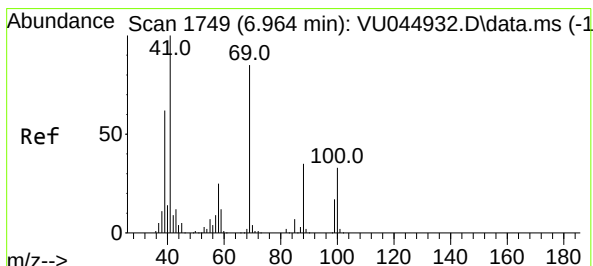
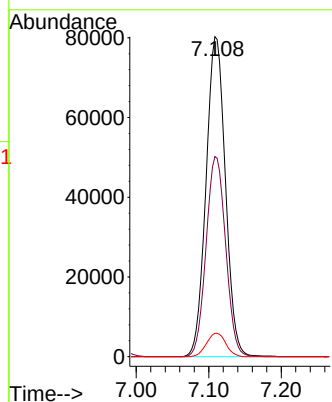
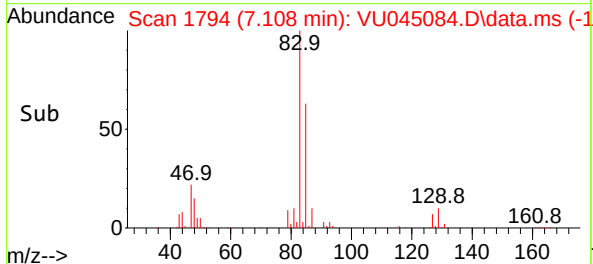
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



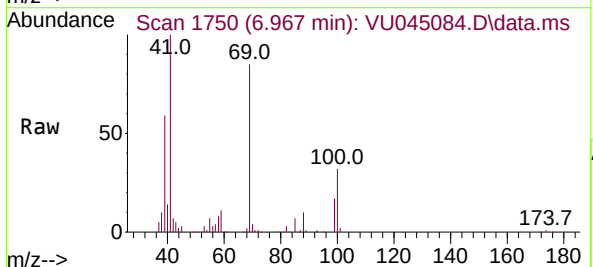
Tgt Ion: 83 Resp: 149298
Ion Ratio Lower Upper
83 100
85 62.6 51.6 77.4
127 7.3 6.2 9.4

Manual Integrations
APPROVED

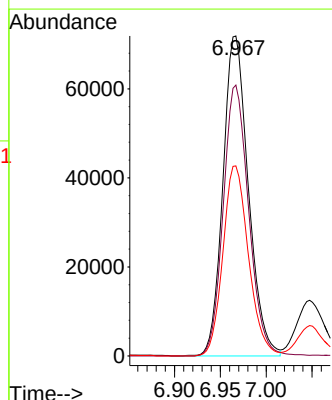
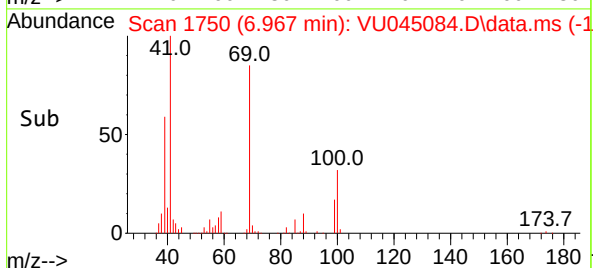
MMDadoda
10/5/2021 12:25:38 PM

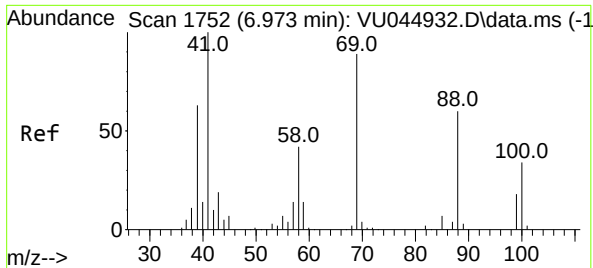


#48
Methyl methacrylate
Concen: 49.487 ug/l
RT: 6.967 min Scan# 1750
Delta R.T. 0.003 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



Tgt Ion: 41 Resp: 138643
Ion Ratio Lower Upper
41 100
69 84.9 65.6 98.4
39 59.7 46.2 69.4





#49

1,4-Dioxane

Concen: 960.096 ug/l

RT: 6.996 min Scan# 1759

Delta R.T. 0.023 min

Lab File: VU045084.D

Acq: 01 Oct 2021 19:33

Tgt Ion:	88	Resp:	68591
Ion	Ratio	Lower	Upper
88	100		
43	30.3	25.8	38.6
58	74.5	61.3	91.9

Instrument :

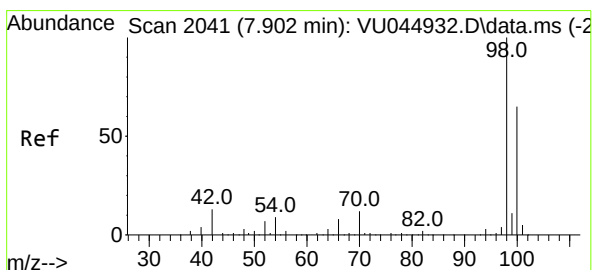
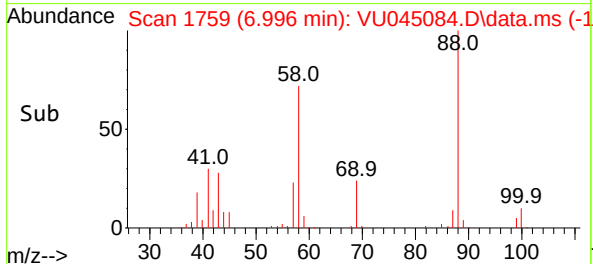
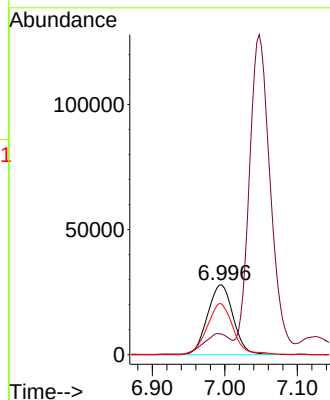
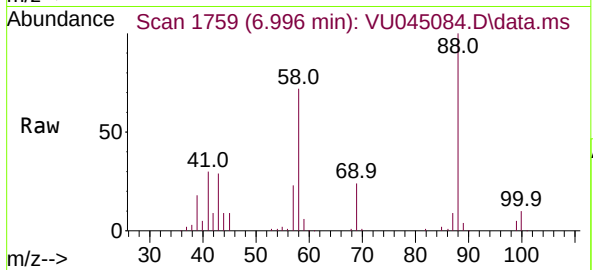
MSVOA_U

ClientSampleId :

VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/5/2021 12:25:38 PM



#50

Toluene-d8

Concen: 47.399 ug/l

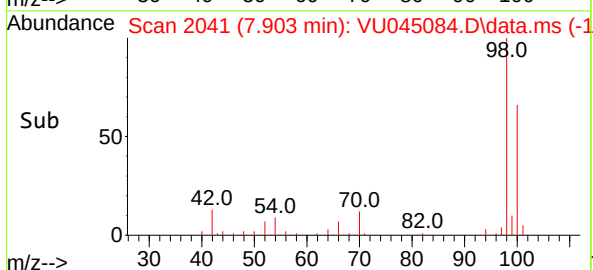
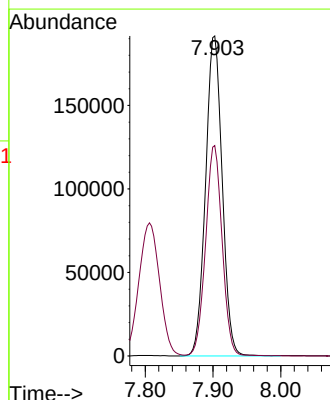
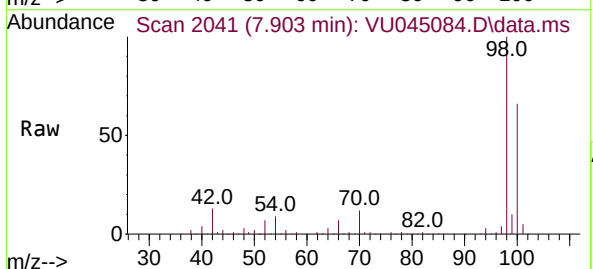
RT: 7.903 min Scan# 2041

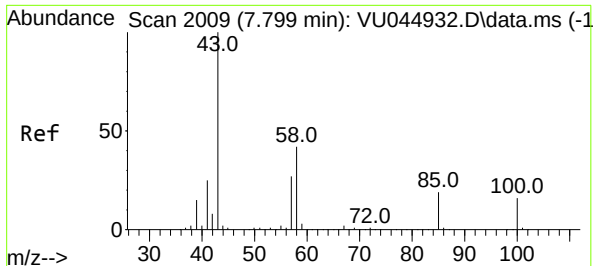
Delta R.T. 0.001 min

Lab File: VU045084.D

Acq: 01 Oct 2021 19:33

Tgt Ion:	98	Resp:	326664
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.5	78.7





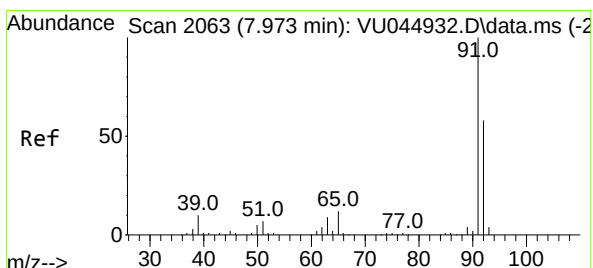
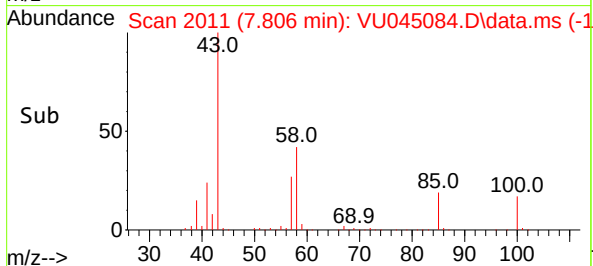
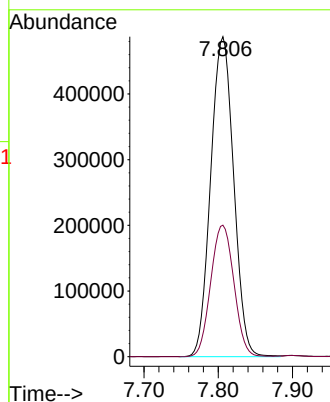
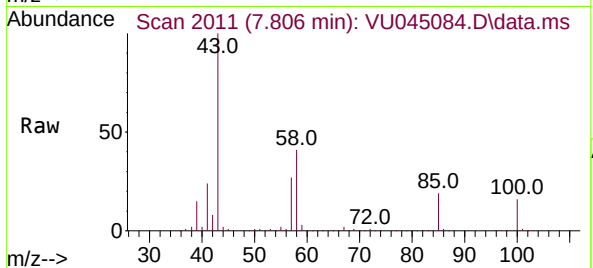
#51
4-Methyl-2-Pentanone
Concen: 249.885 ug/l
RT: 7.806 min Scan# 2011
Delta R.T. 0.007 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 43 Resp: 1047086
Ion Ratio Lower Upper
43 100
58 41.5 32.4 48.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

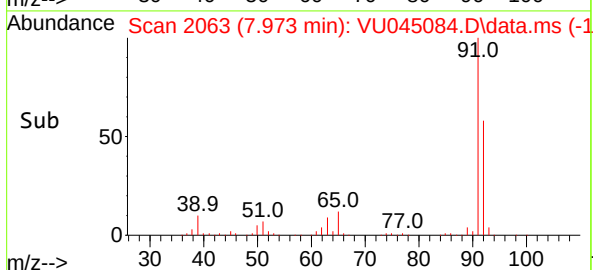
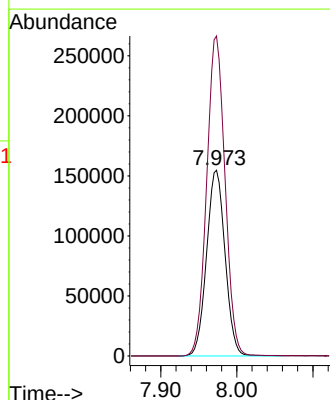
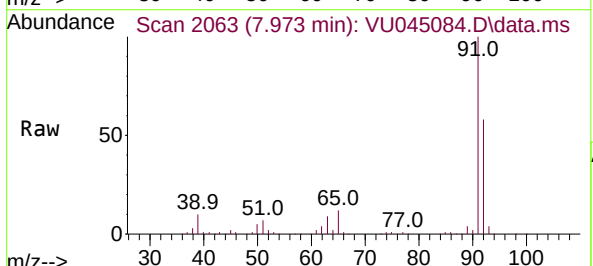
Manual Integrations
APPROVED

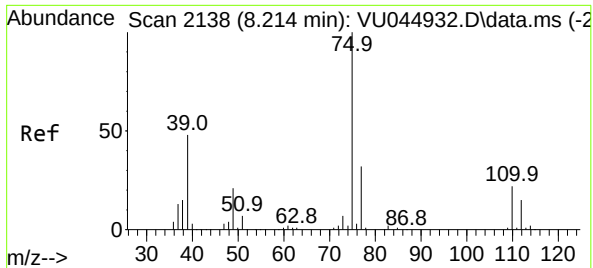
MMDadoda
10/5/2021 12:25:38 PM



#52
Toluene
Concen: 48.399 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 92 Resp: 260869
Ion Ratio Lower Upper
92 100
91 171.4 136.9 205.3





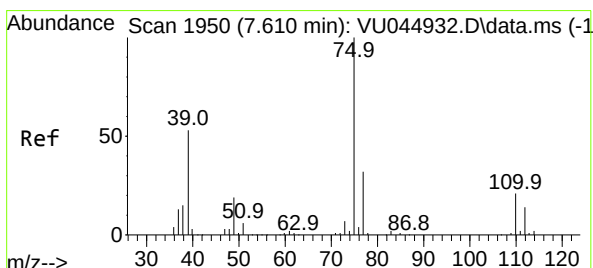
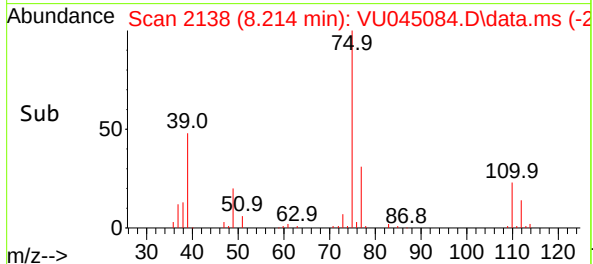
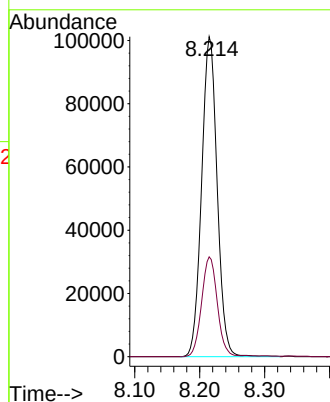
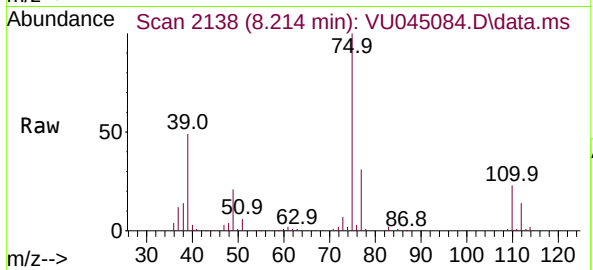
#53
t-1,3-Dichloropropene
Concen: 49.373 ug/l
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 75 Resp: 168618
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

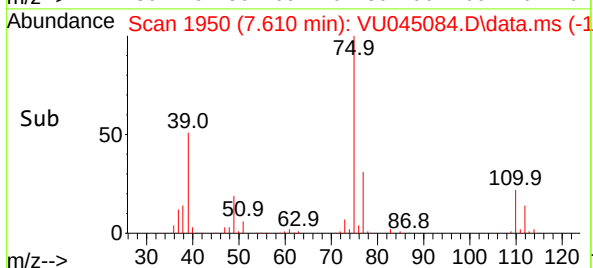
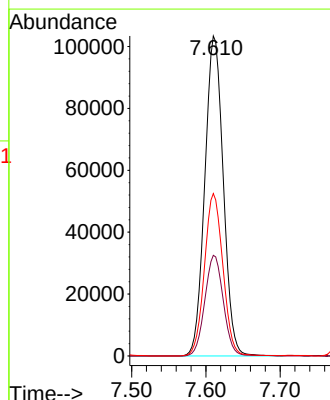
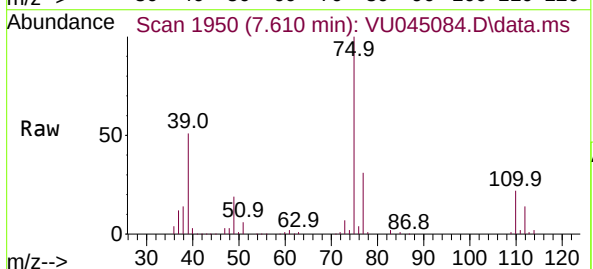
Manual Integrations
APPROVED

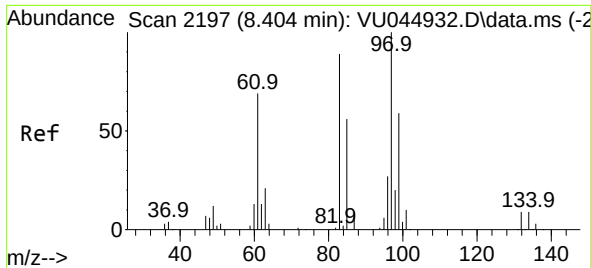
MMDadoda
10/5/2021 12:25:38 PM



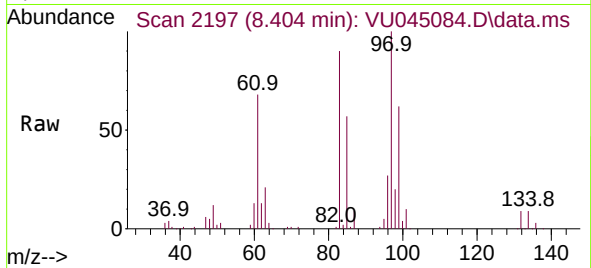
#54
cis-1,3-Dichloropropene
Concen: 50.196 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 75 Resp: 178565
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6
39 50.8 41.4 62.2

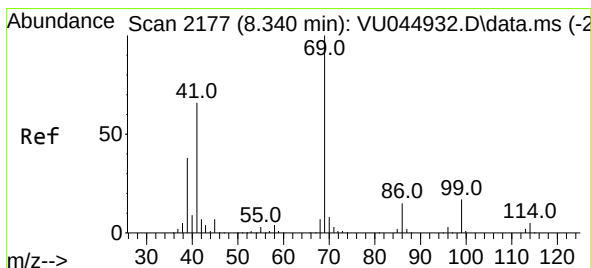
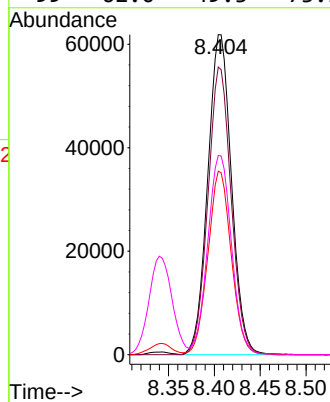
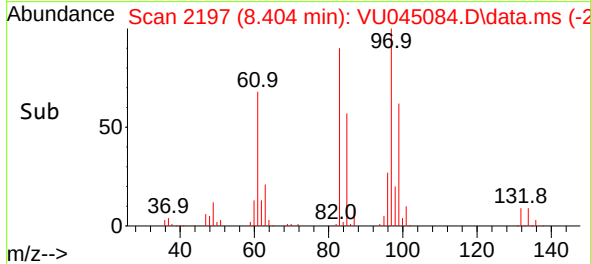




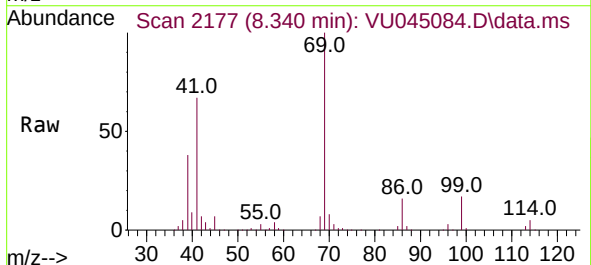
#55
1,1,2-Trichloroethane
Concen: 49.640 ug/l
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



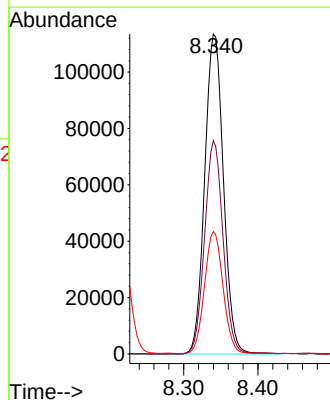
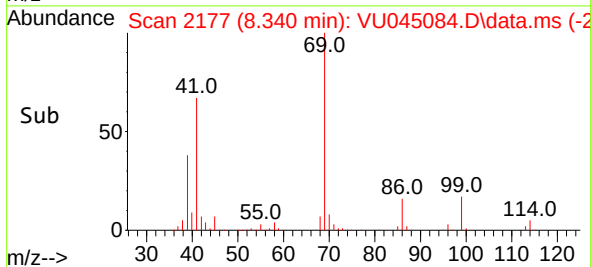
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.9	69.7	104.5
85	57.4	44.8	67.2
99	62.0	49.3	73.9



#56
Ethyl methacrylate
Concen: 45.760 ug/l
RT: 8.340 min Scan# 2177
Delta R.T. -0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



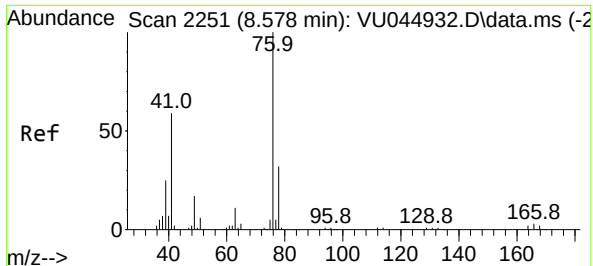
Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.9	53.5	80.3
39	37.5	31.1	46.7



Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

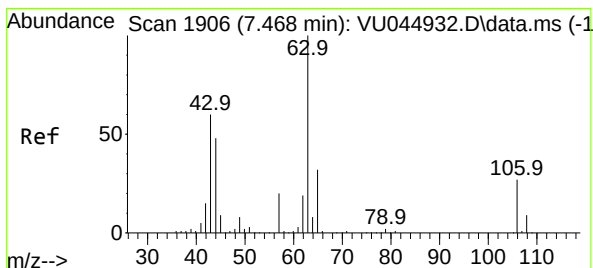
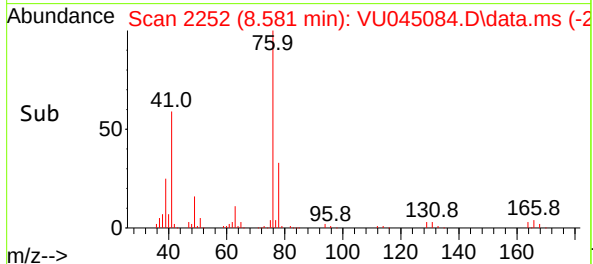
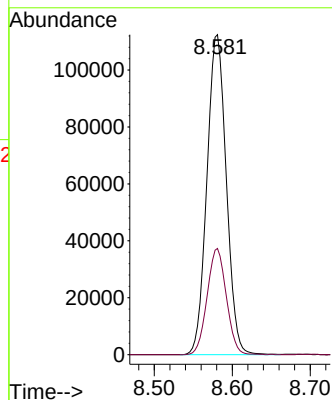
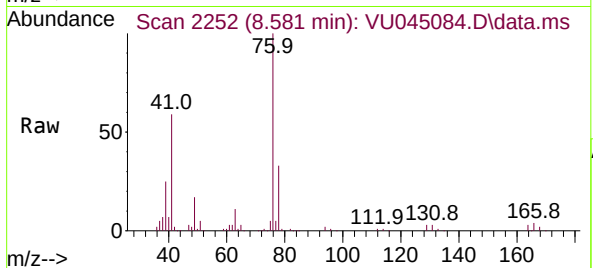
MMDadoda
10/5/2021 12:25:38 PM



#57

1,3-Dichloropropane
Concen: 48.502 ug/l
RT: 8.581 min Scan# 2252
Delta R.T. 0.003 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

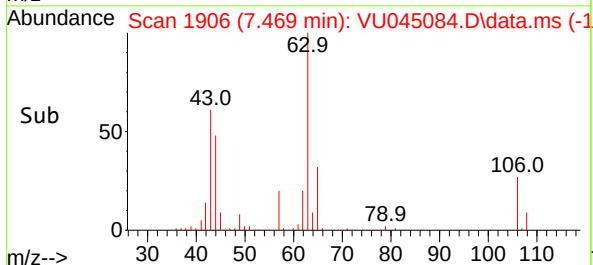
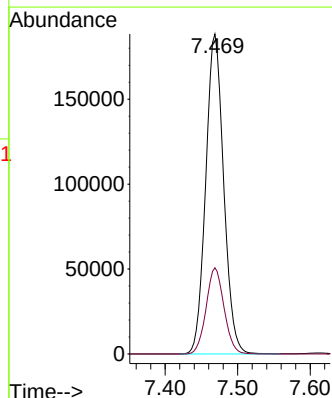
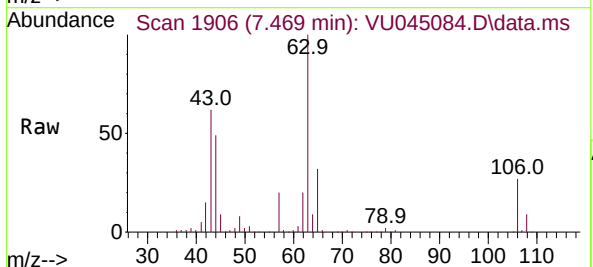
Tgt Ion: 76 Resp: 194399
Ion Ratio Lower Upper
76 100
78 32.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether
Concen: 233.981 ug/l
RT: 7.469 min Scan# 1906
Delta R.T. 0.001 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

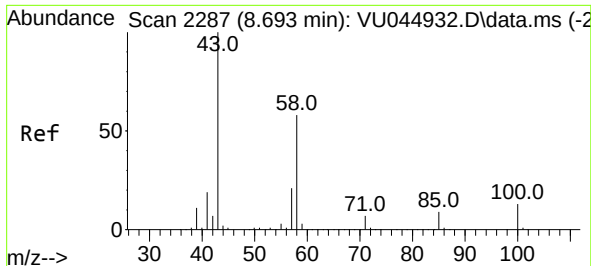
Tgt Ion: 63 Resp: 323981
Ion Ratio Lower Upper
63 100
106 26.8 20.5 30.7



Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/5/2021 12:25:38 PM



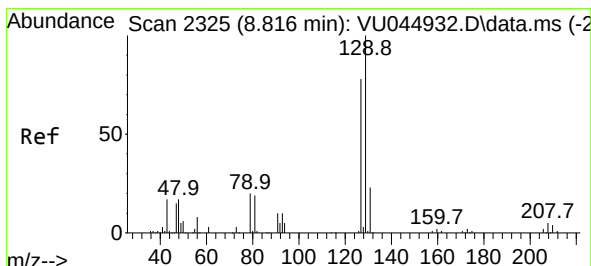
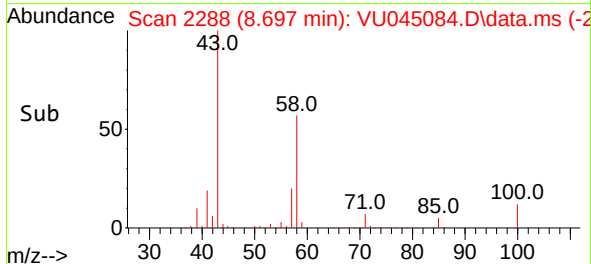
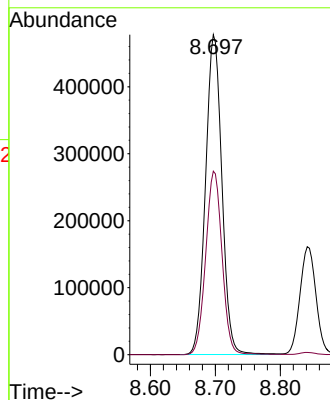
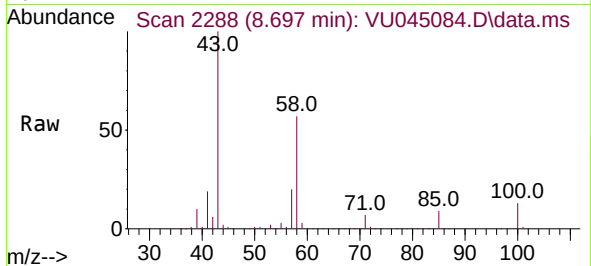
#59
2-Hexanone
Concen: 245.378 ug/l
RT: 8.697 min Scan# 2288
Delta R.T. 0.004 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 43 Resp: 837300
Ion Ratio Lower Upper
43 100
58 57.3 28.0 84.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

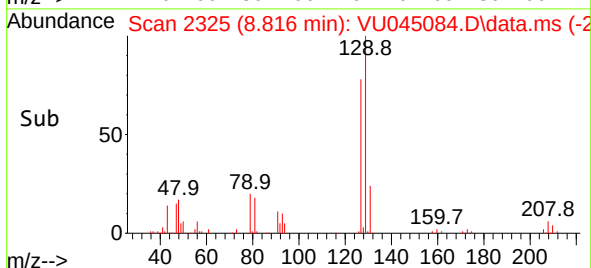
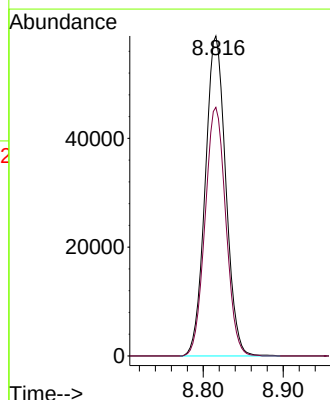
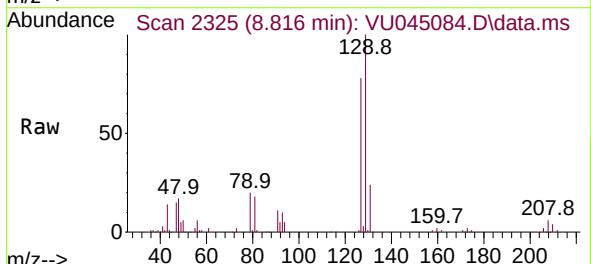
Manual Integrations
APPROVED

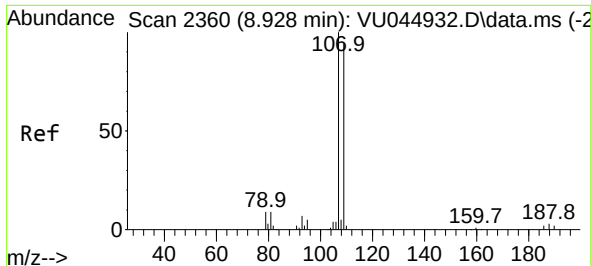
MMDadoda
10/5/2021 12:25:38 PM



#60
Dibromochloromethane
Concen: 44.374 ug/l
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

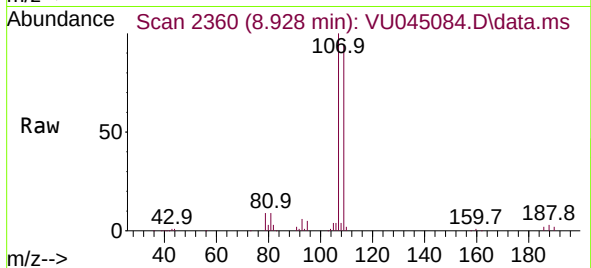
Tgt Ion:129 Resp: 105056
Ion Ratio Lower Upper
129 100
127 78.4 39.0 117.0





#61
1,2-Dibromoethane
Concen: 49.146 ug/l
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

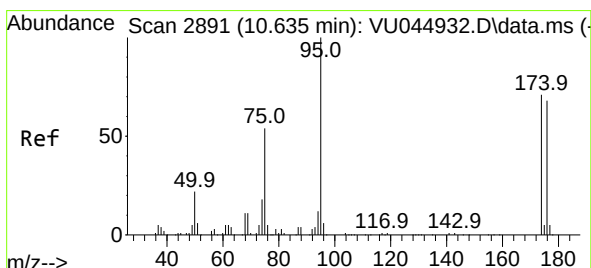
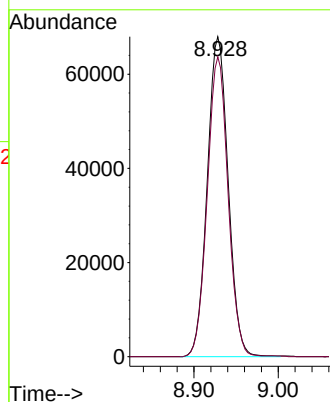
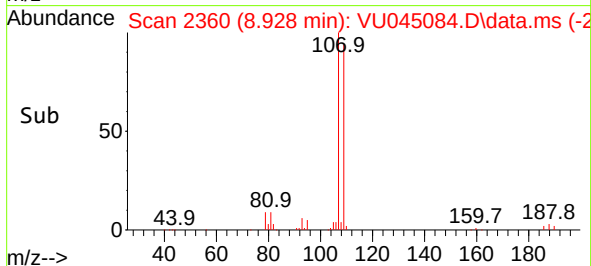
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



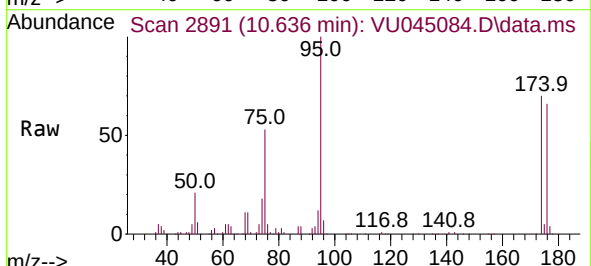
Tgt Ion:107 Resp: 117325
Ion Ratio Lower Upper
107 100
109 93.2 74.8 112.2

Manual Integrations
APPROVED

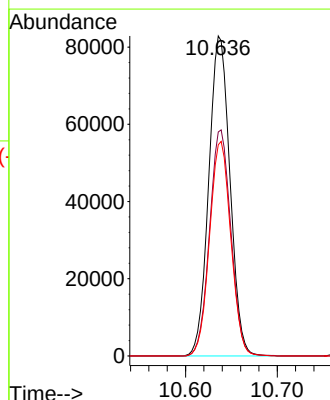
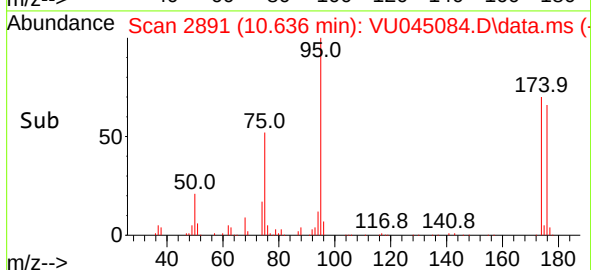
MMDadoda
10/5/2021 12:25:38 PM

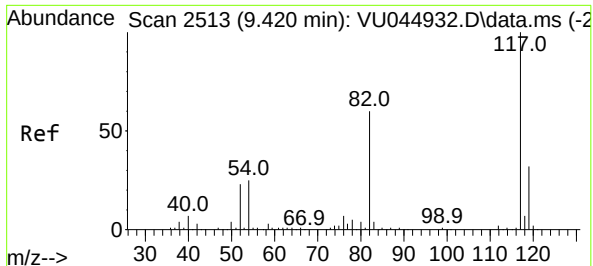


#62
4-Bromofluorobenzene
Concen: 46.798 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



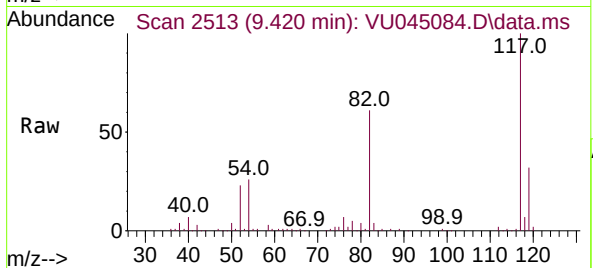
Tgt Ion: 95 Resp: 133156
Ion Ratio Lower Upper
95 100
174 71.1 0.0 146.6
176 67.2 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

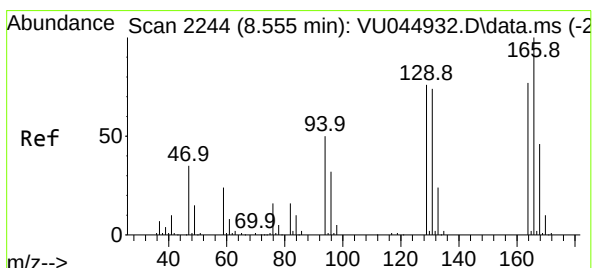
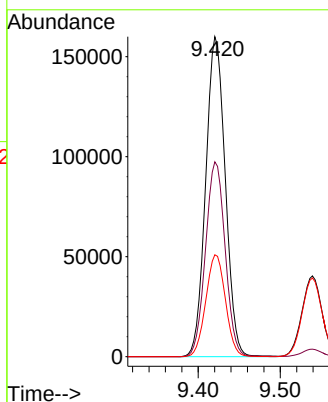
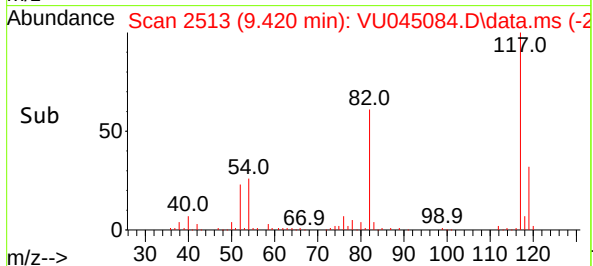
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



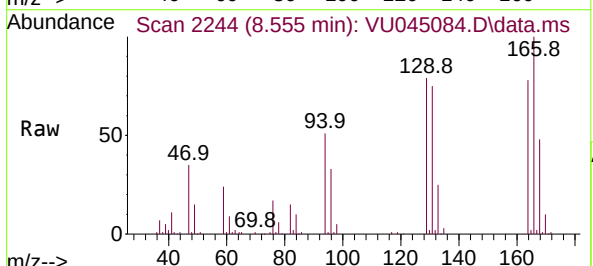
Tgt Ion:117 Resp: 266506
Ion Ratio Lower Upper
117 100
82 60.9 47.8 71.8
119 31.9 25.8 38.6

Manual Integrations
APPROVED

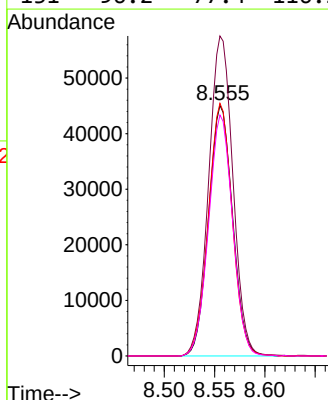
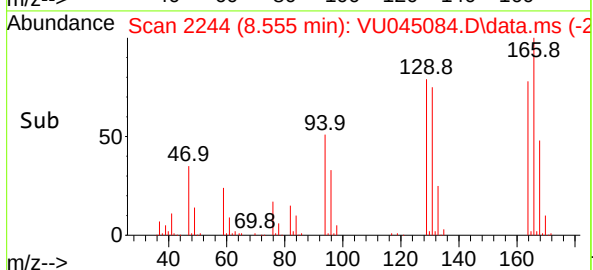
MMDadoda
10/5/2021 12:25:38 PM

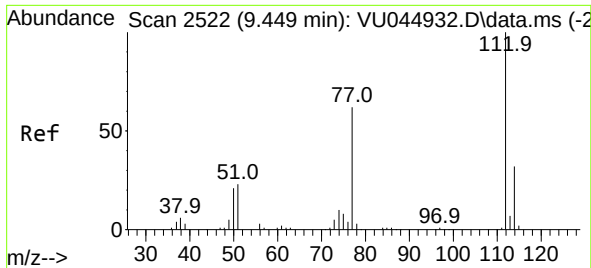


#64
Tetrachloroethene
Concen: 43.195 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



Tgt Ion:164 Resp: 75134
Ion Ratio Lower Upper
164 100
166 127.7 102.8 154.2
129 100.8 79.4 119.2
131 96.2 77.4 116.2





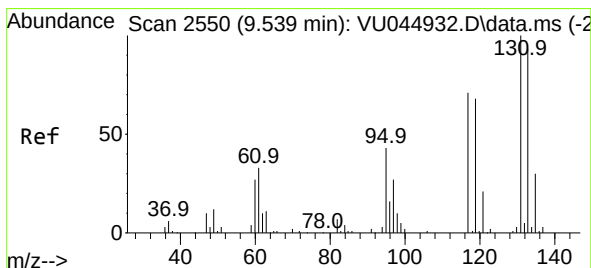
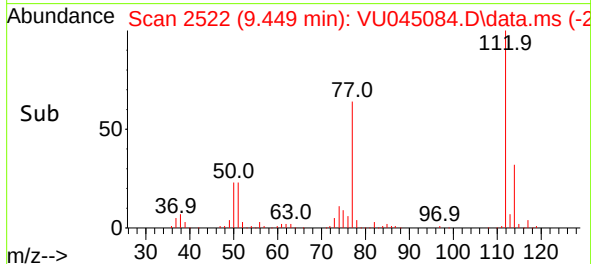
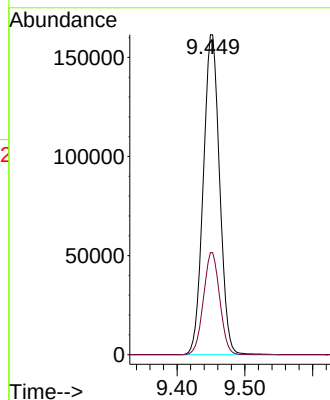
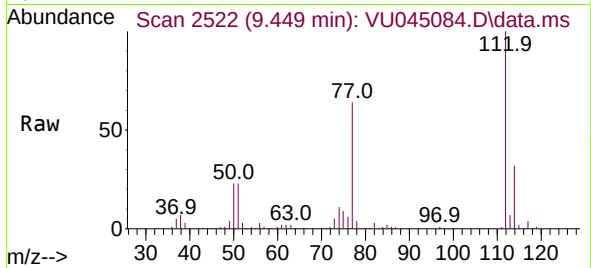
#65
Chlorobenzene
Concen: 48.296 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 269855
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9

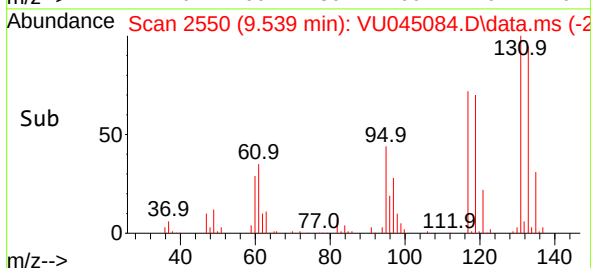
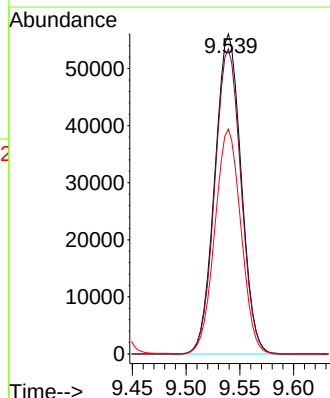
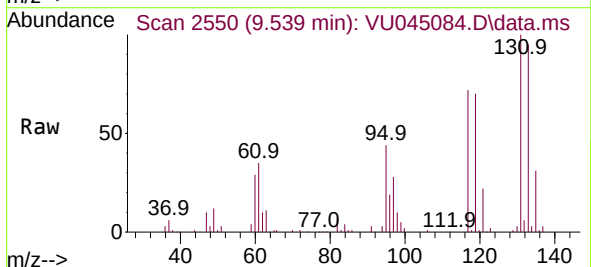
Manual Integrations
APPROVED

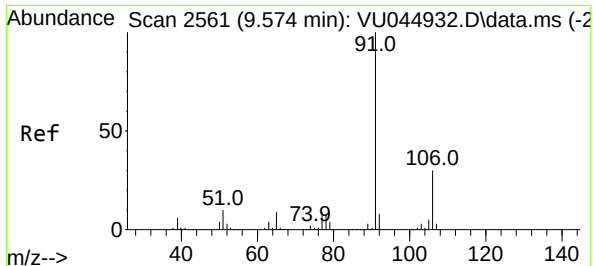
MMDadoda
10/5/2021 12:25:38 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.910 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion:131 Resp: 95412
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.3
119 70.0 34.1 102.3





#67

Ethyl Benzene

Concen: 49.082 ug/l

RT: 9.575 min Scan# 2561

Delta R.T. 0.001 min

Lab File: VU045084.D

Acq: 01 Oct 2021 19:33

Tgt Ion: 91 Resp: 504652

Ion Ratio Lower Upper

91 100

106 30.4 24.3 36.5

Instrument :

MSVOA_U

ClientSampleId :

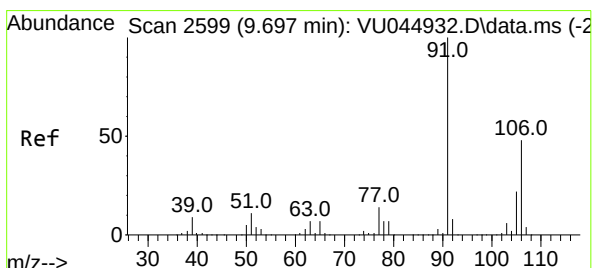
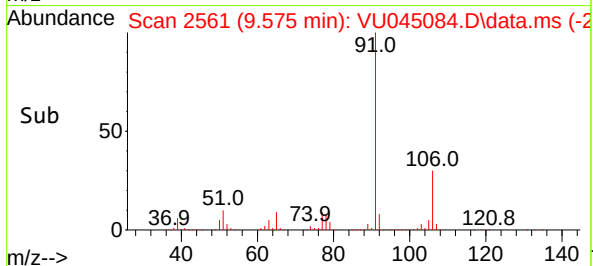
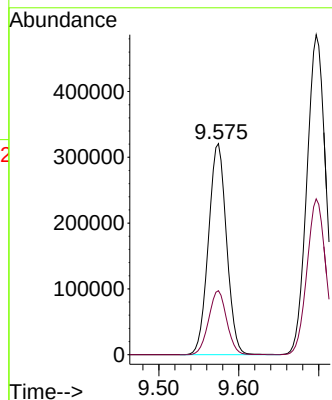
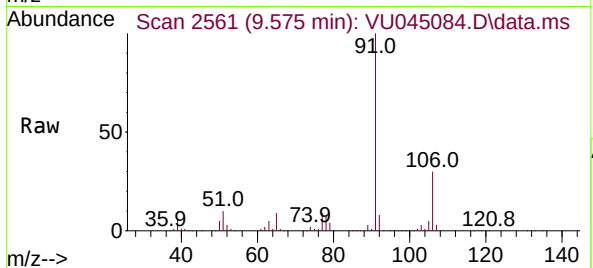
VSTDCCC050EC

Manual Integrations

APPROVED

MMDadoda

10/5/2021 12:25:38 PM



#68

m/p-Xylenes

Concen: 97.168 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU045084.D

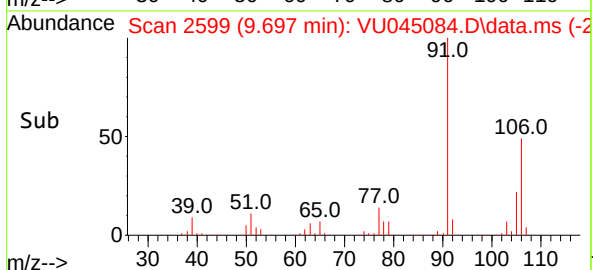
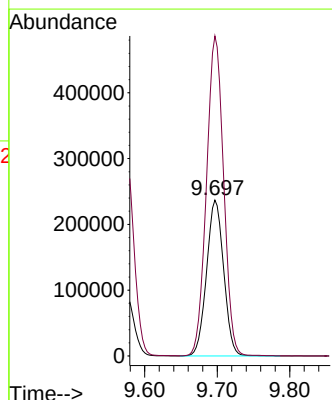
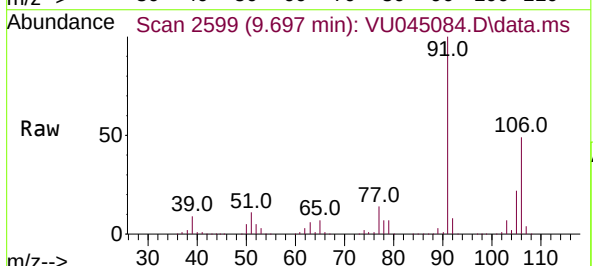
Acq: 01 Oct 2021 19:33

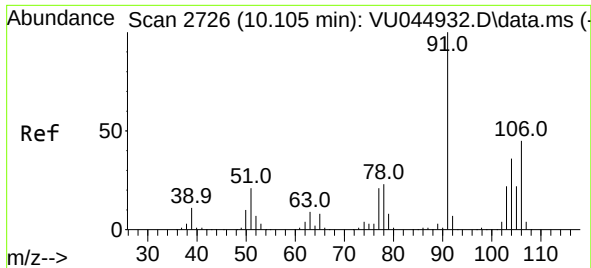
Tgt Ion:106 Resp: 388140

Ion Ratio Lower Upper

106 100

91 206.0 164.2 246.2





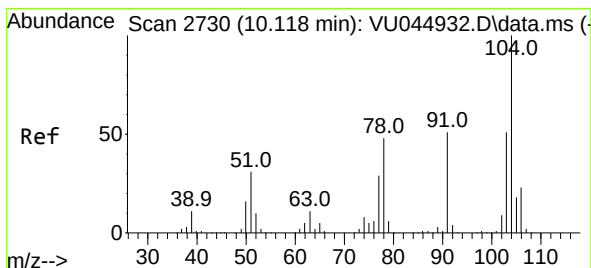
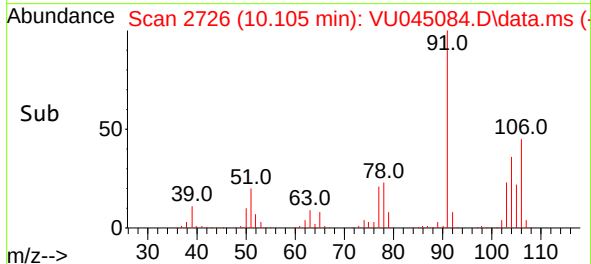
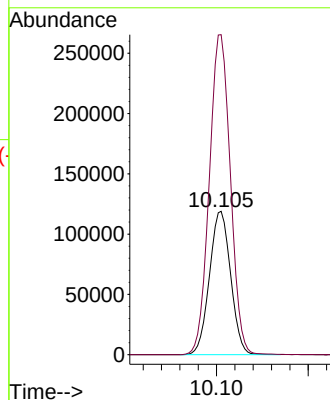
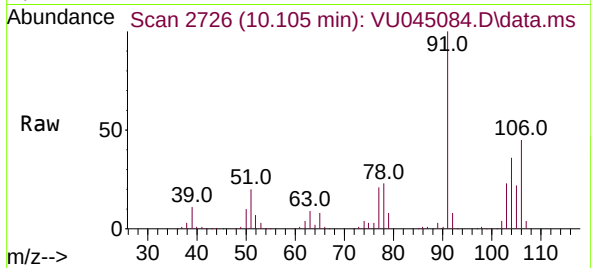
#69
o-Xylene
Concen: 48.057 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 190522
Ion Ratio Lower Upper
106 100
91 222.8 108.9 326.7

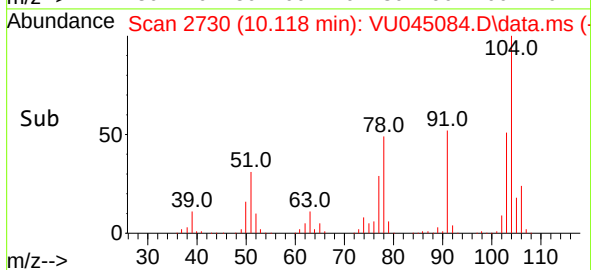
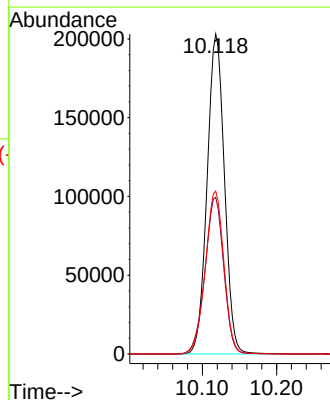
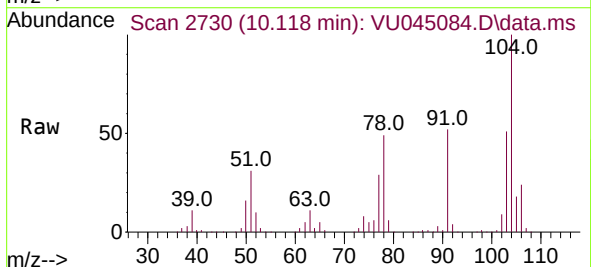
Manual Integrations
APPROVED

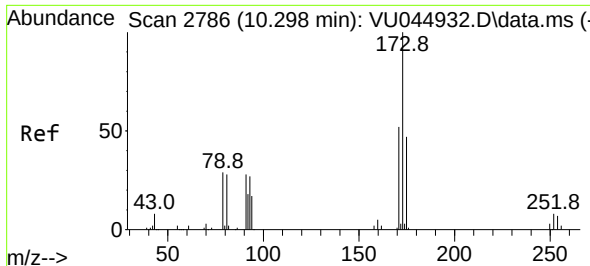
MMDadoda
10/5/2021 12:25:38 PM



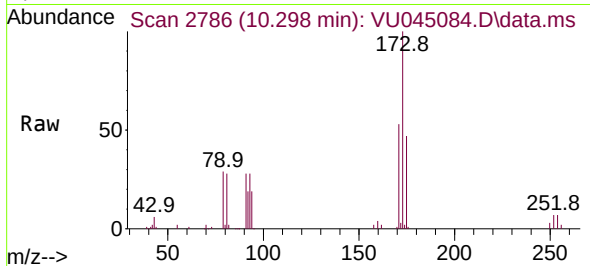
#70
Styrene
Concen: 49.395 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion:104 Resp: 328522
Ion Ratio Lower Upper
104 100
78 53.0 41.4 62.0
103 54.8 43.5 65.3

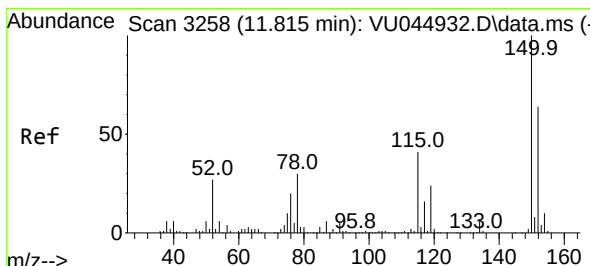
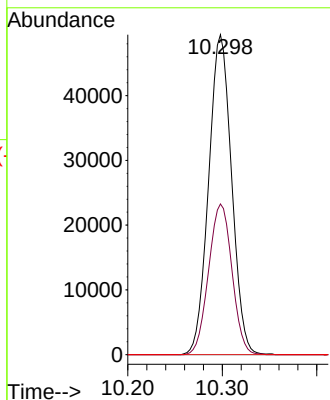
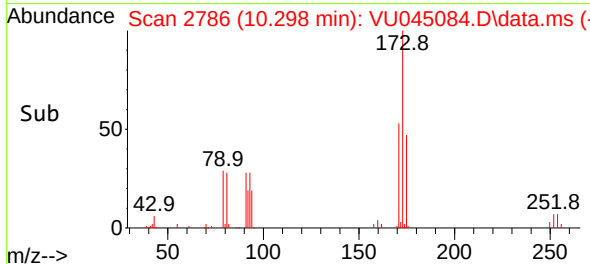




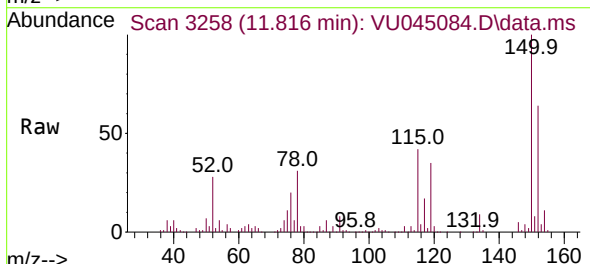
#71
Bromoform
Concen: 44.674 ug/l
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



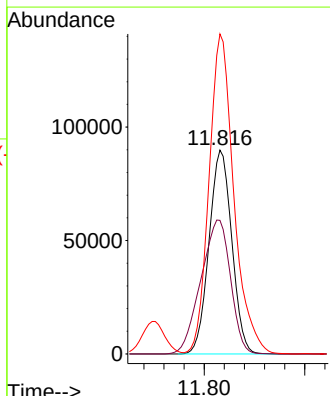
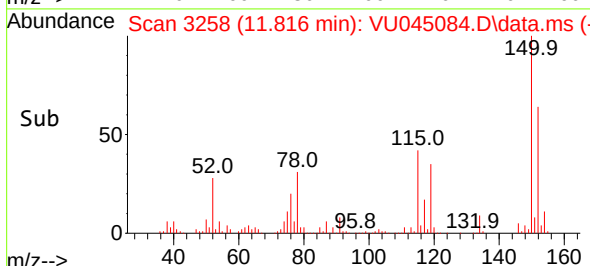
Tgt Ion:173 Resp: 83321
Ion Ratio Lower Upper
173 100
175 48.0 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



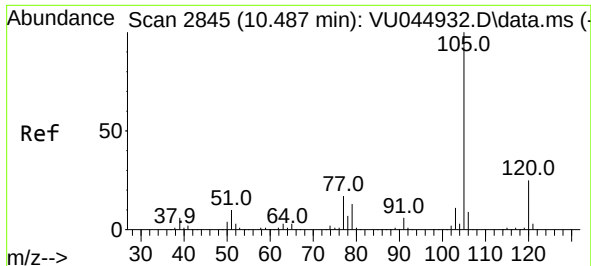
Tgt Ion:152 Resp: 141131
Ion Ratio Lower Upper
152 100
115 85.4 43.5 130.7
150 171.3 0.0 350.0



Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/5/2021 12:25:38 PM



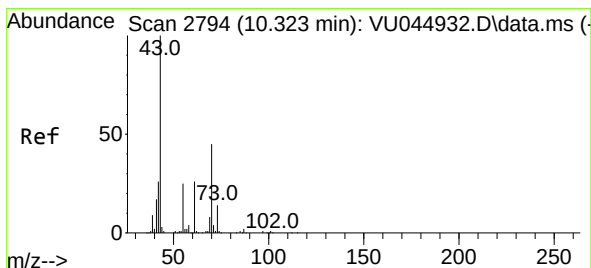
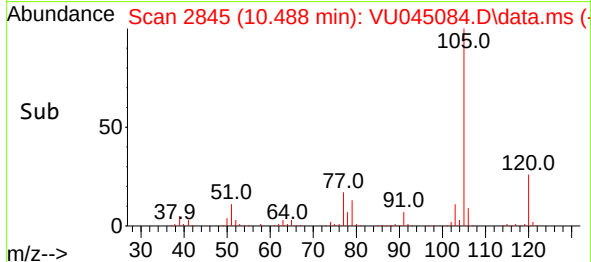
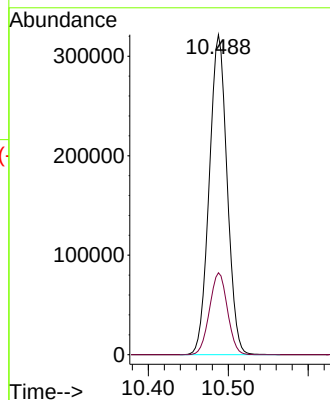
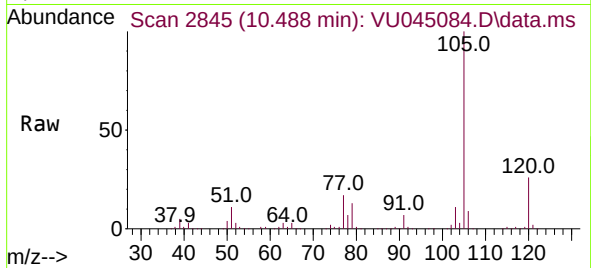
#73
Isopropylbenzene
Concen: 47.480 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 105 Resp: 499005
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

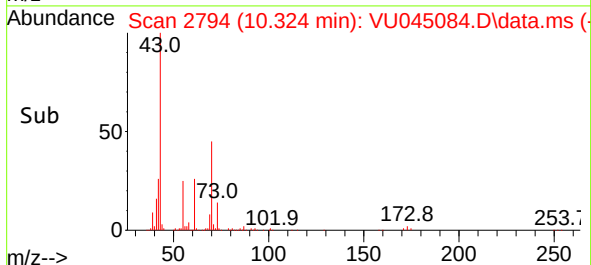
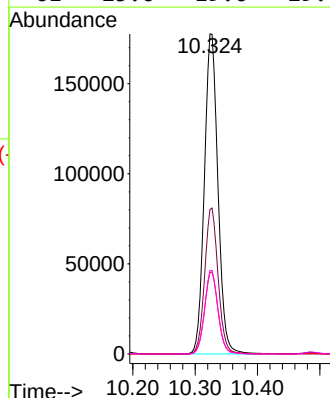
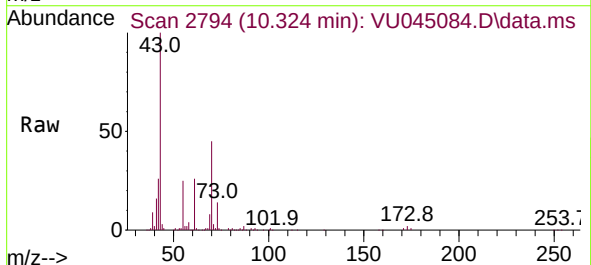
Manual Integrations
APPROVED

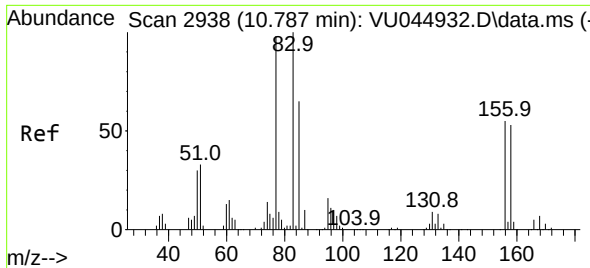
MMDadoda
10/5/2021 12:25:38 PM



#74
N-ethyl acetate
Concen: 50.876 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.001 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 43 Resp: 269234
Ion Ratio Lower Upper
43 100
70 45.1 35.1 52.7
55 25.5 20.5 30.7
61 25.6 19.6 29.4





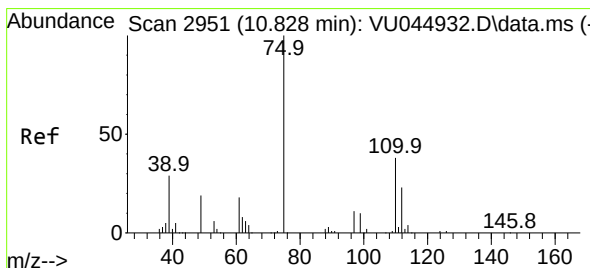
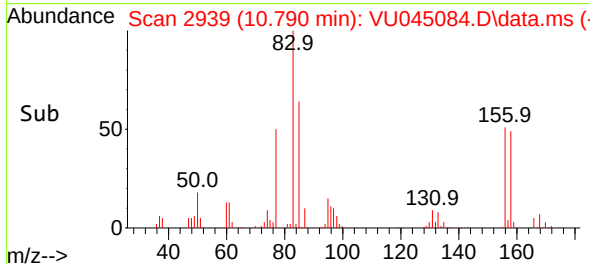
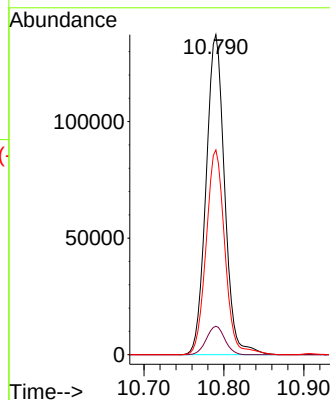
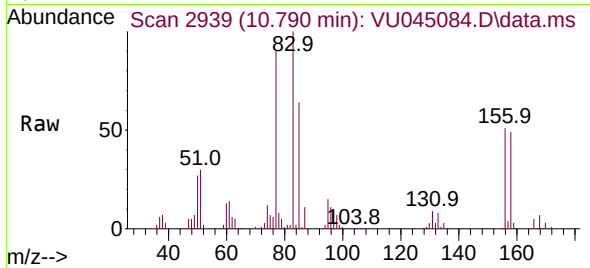
#75
1,1,2,2-Tetrachloroethane
Concen: 48.741 ug/l
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 83 Resp: 221648
Ion Ratio Lower Upper
83 100
131 8.8 4.3 13.1
85 64.6 31.9 95.5

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

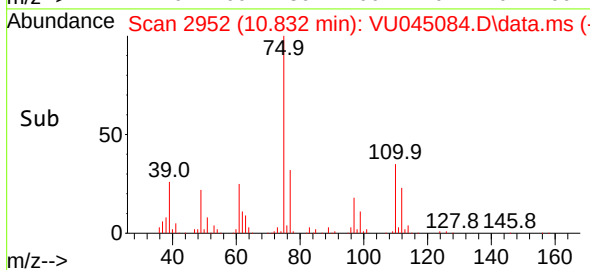
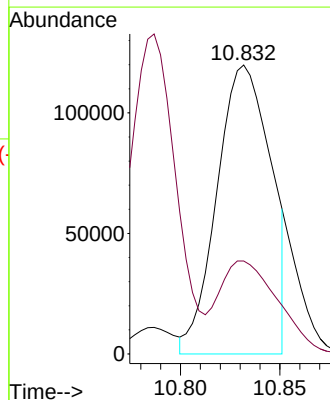
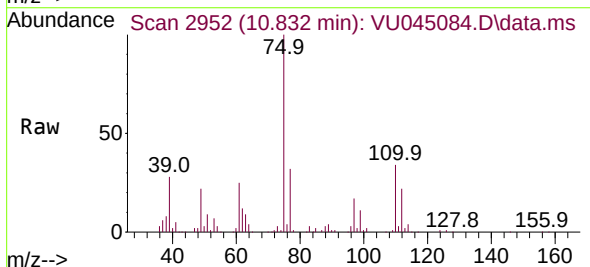
Manual Integrations
APPROVED

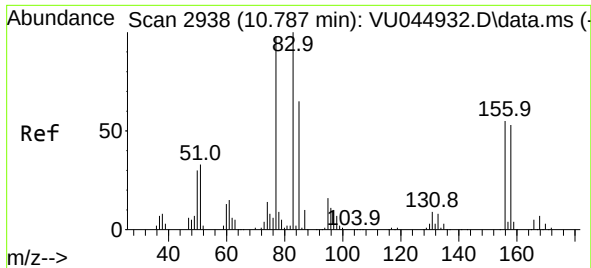
MMDadoda
10/5/2021 12:25:38 PM



#76
1,2,3-Trichloropropane
Concen: 54.685 ug/l m
RT: 10.832 min Scan# 2952
Delta R.T. 0.004 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 75 Resp: 225114
Ion Ratio Lower Upper
75 100
77 35.5 17.9 53.7





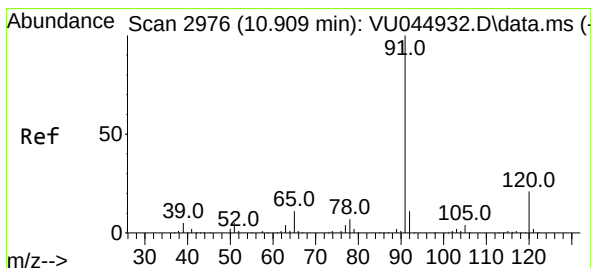
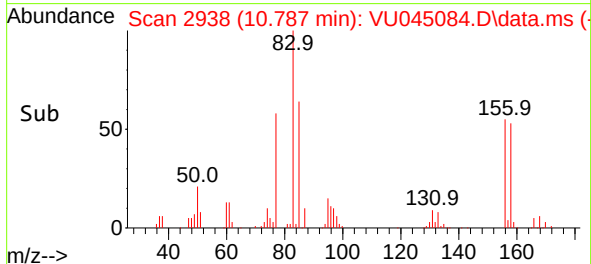
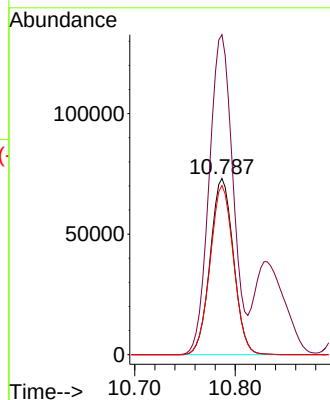
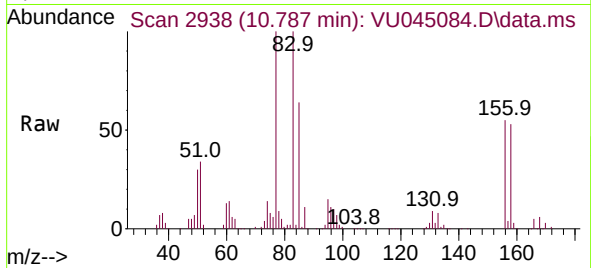
#77
Bromobenzene
Concen: 46.393 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion:156 Resp: 117738
Ion Ratio Lower Upper
156 100
77 185.8 91.1 273.4
158 96.6 48.2 144.6

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

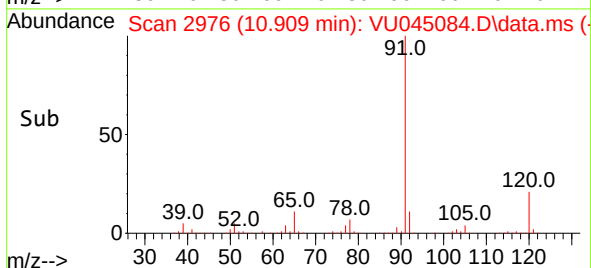
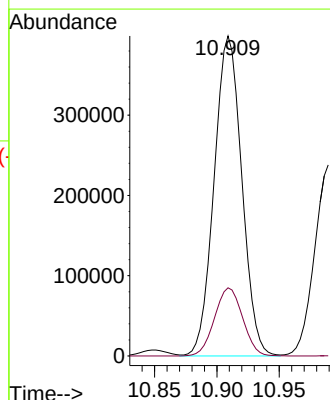
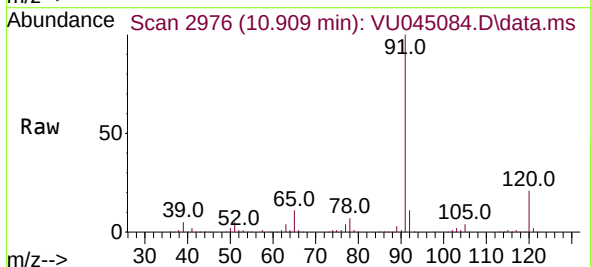
Manual Integrations
APPROVED

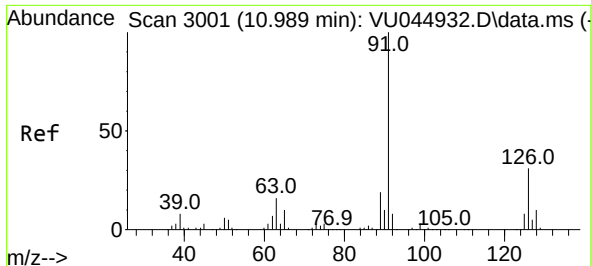
MMDadoda
10/5/2021 12:25:38 PM



#78
n-propylbenzene
Concen: 48.107 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 91 Resp: 616137
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4





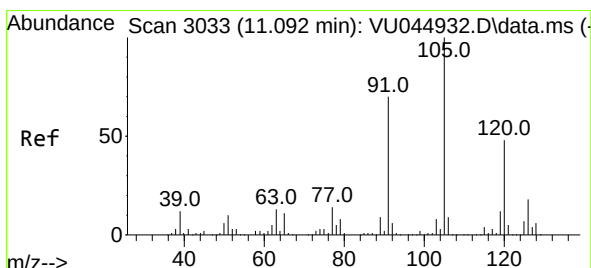
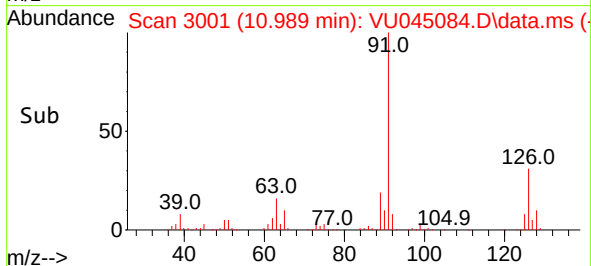
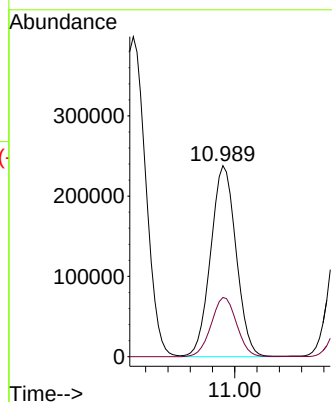
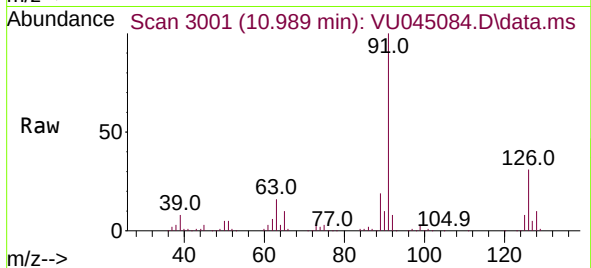
#79
2-Chlorotoluene
Concen: 46.964 ug/l
RT: 10.989 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 377033
Ion Ratio Lower Upper
91 100
126 31.0 15.7 47.0

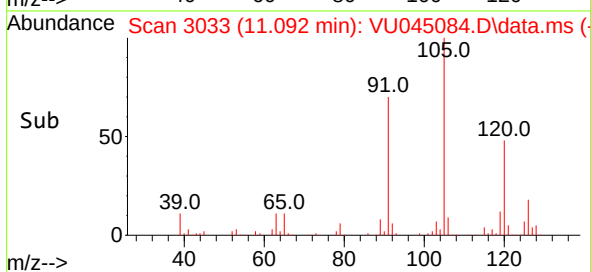
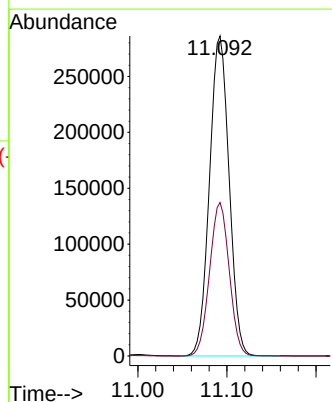
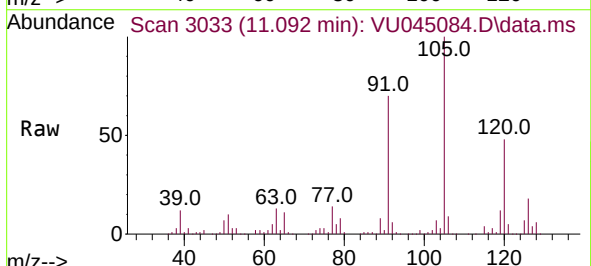
Manual Integrations
APPROVED

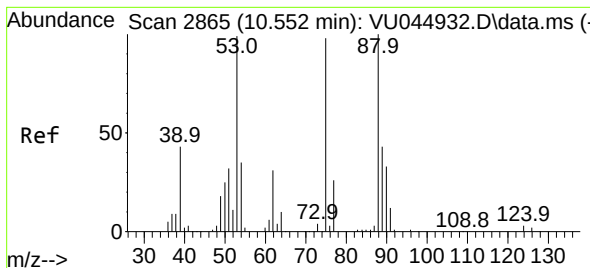
MMDadoda
10/5/2021 12:25:38 PM



#80
1,3,5-Trimethylbenzene
Concen: 47.448 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

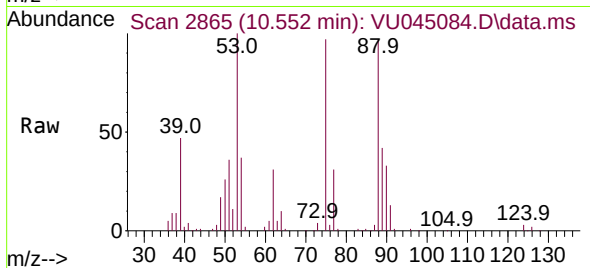
Tgt Ion: 105 Resp: 436856
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 47.290 ug/l
RT: 10.552 min Scan# 2865
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

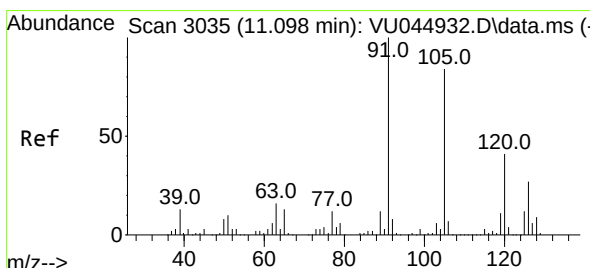
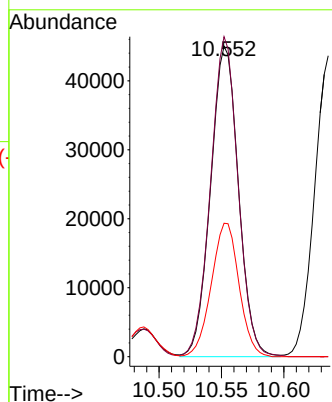
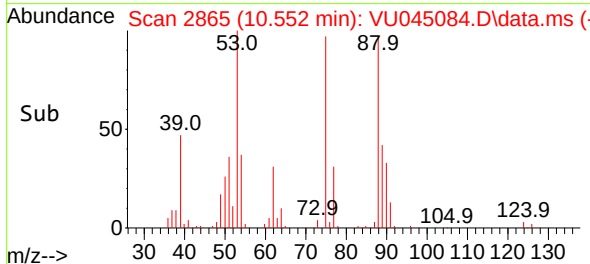
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



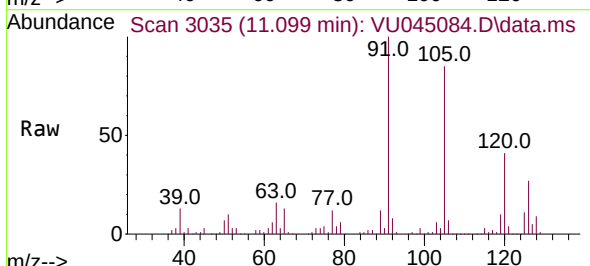
Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.5	82.0	123.0
89	42.7	34.2	51.4

Manual Integrations
APPROVED

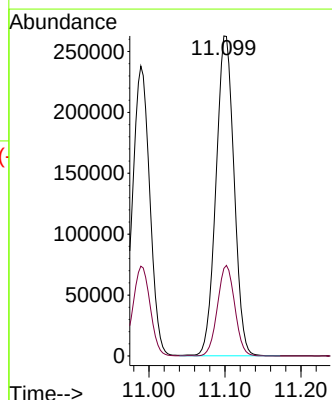
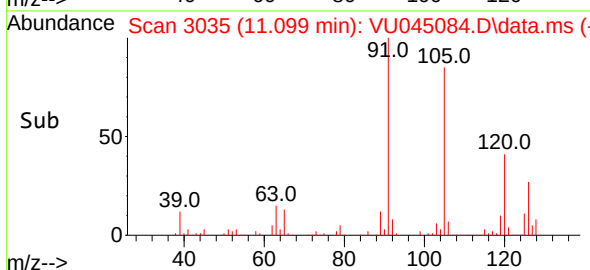
MMDadoda
10/5/2021 12:25:38 PM

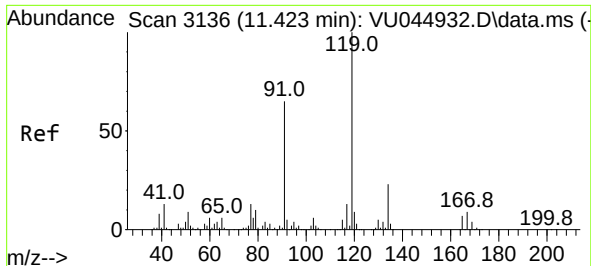


#82
4-Chlorotoluene
Concen: 47.677 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.001 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



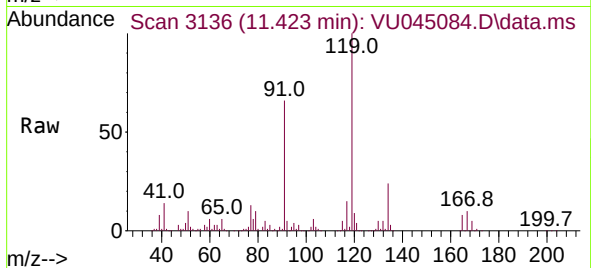
Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.0	13.8	41.4





#83
tert-Butylbenzene
Concen: 47.911 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

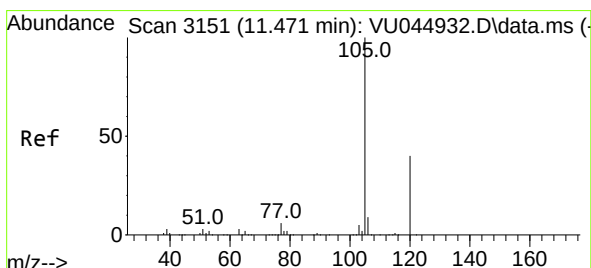
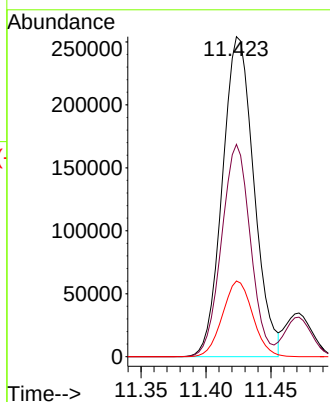
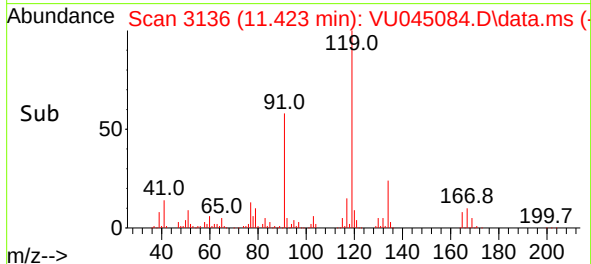
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



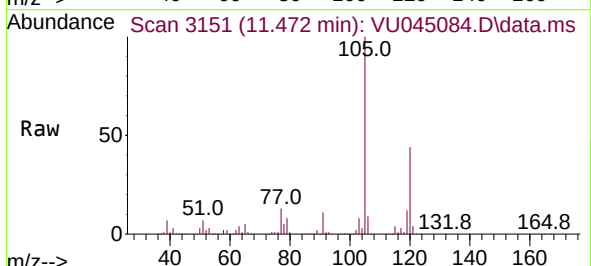
Tgt Ion:119 Resp: 429060
Ion Ratio Lower Upper
119 100
91 60.9 30.4 91.2
134 22.7 11.5 34.5

Manual Integrations
APPROVED

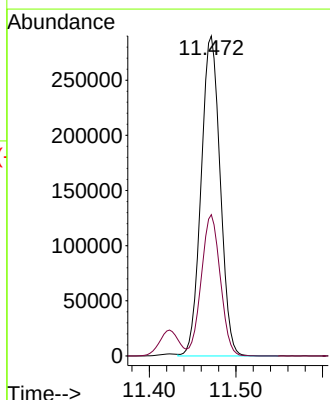
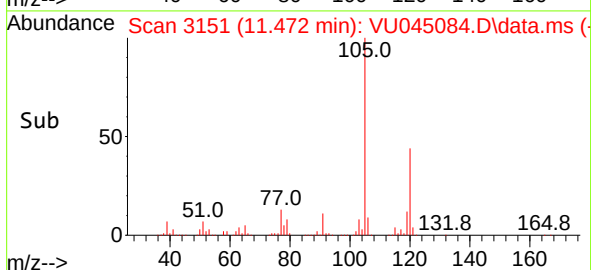
MMDadoda
10/5/2021 12:25:38 PM

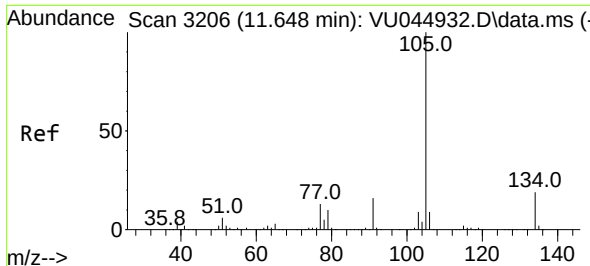


#84
1,2,4-Trimethylbenzene
Concen: 48.681 ug/l
RT: 11.472 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



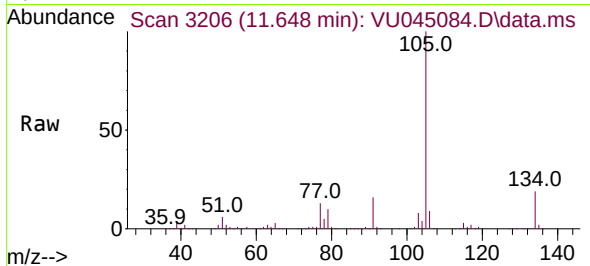
Tgt Ion:105 Resp: 443421
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 47.756 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU045084.D
 Acq: 01 Oct 2021 19:33

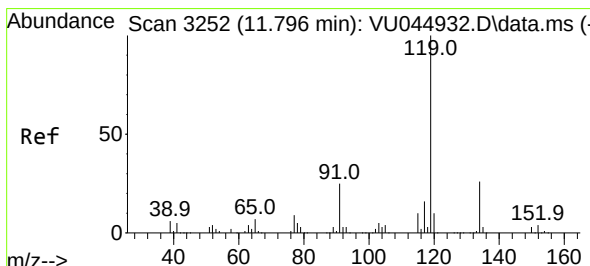
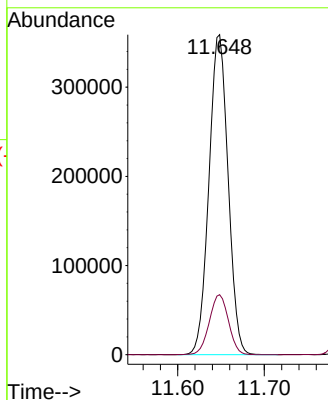
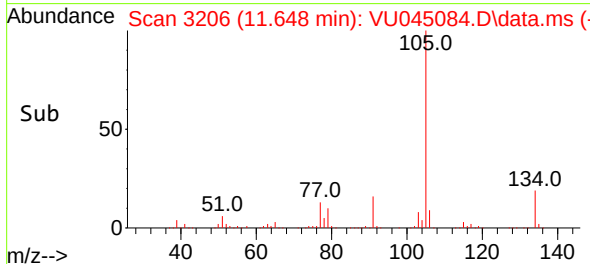
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



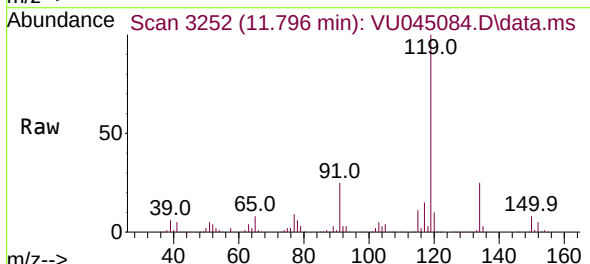
Tgt Ion:105 Resp: 550755
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.3 28.0

Manual Integrations
 APPROVED

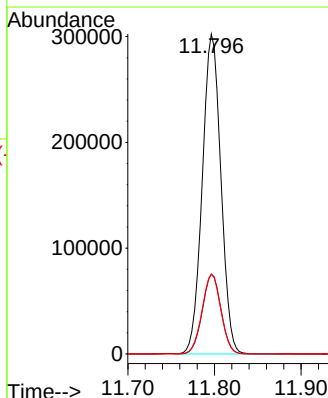
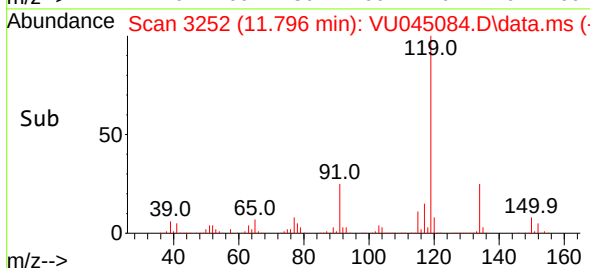
MMDadoda
 10/5/2021 12:25:38 PM

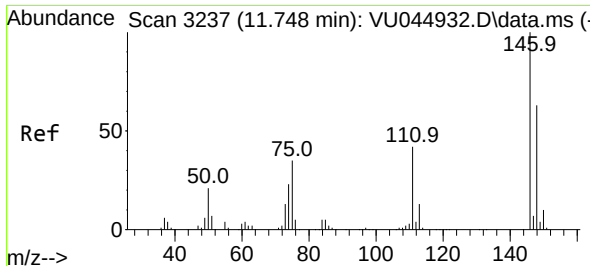


#86
 p-Isopropyltoluene
 Concen: 48.604 ug/l
 RT: 11.796 min Scan# 3252
 Delta R.T. 0.000 min
 Lab File: VU045084.D
 Acq: 01 Oct 2021 19:33

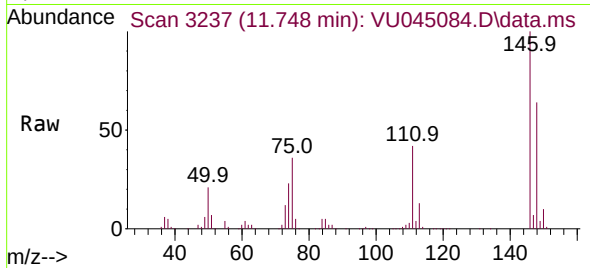


Tgt Ion:119 Resp: 450898
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.3
 91 25.2 12.2 36.6

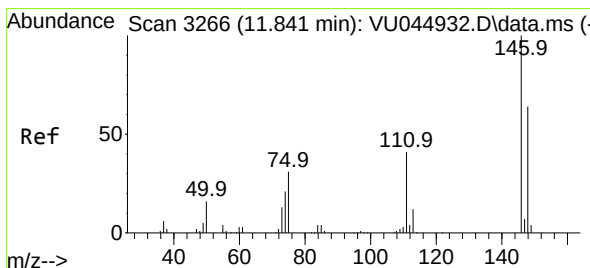
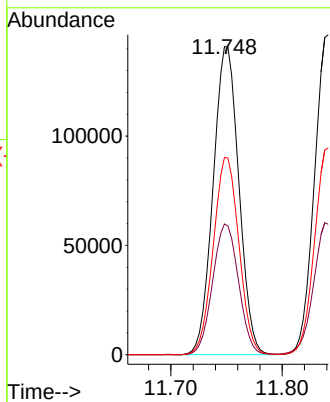
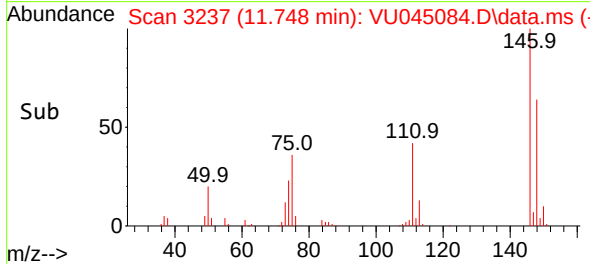




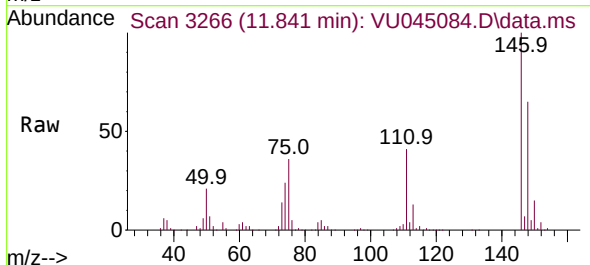
#87
1,3-Dichlorobenzene
Concen: 46.555 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



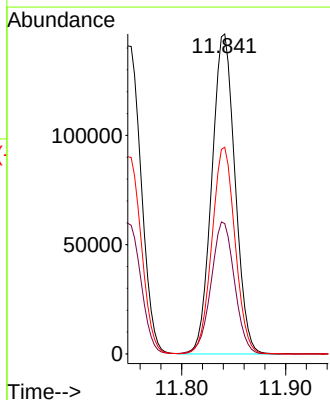
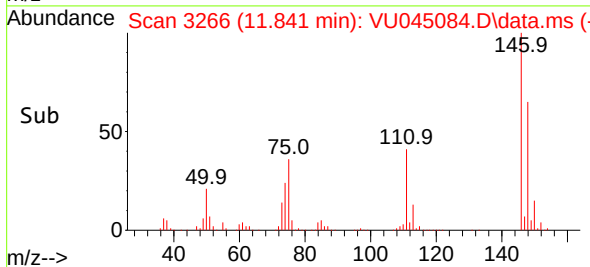
Tgt Ion:146 Resp: 226260
Ion Ratio Lower Upper
146 100
111 42.7 21.2 63.6
148 63.9 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 45.755 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



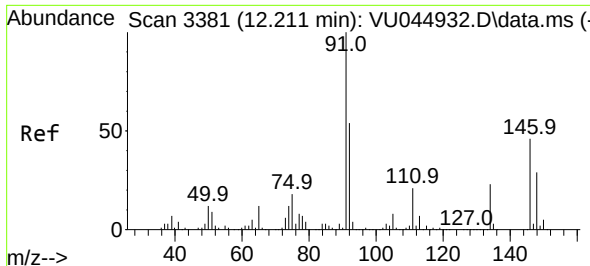
Tgt Ion:146 Resp: 227479
Ion Ratio Lower Upper
146 100
111 41.8 20.3 61.0
148 64.5 31.8 95.3



Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/5/2021 12:25:38 PM



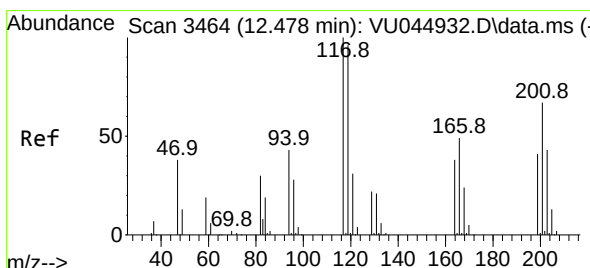
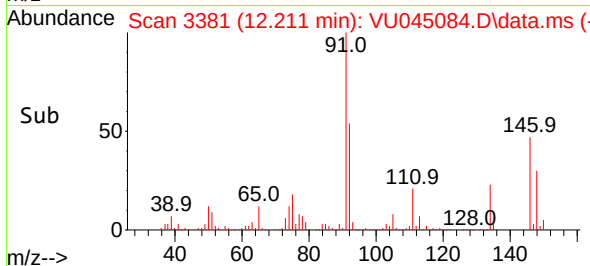
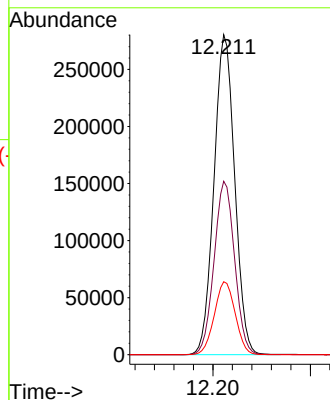
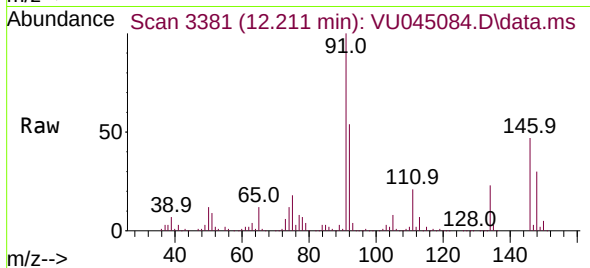
#89
n-Butylbenzene
Concen: 48.337 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion: 91	Resp: 413020
Ion Ratio	Lower Upper
91 100	
92 53.8	26.8 80.4
134 23.1	11.8 35.4

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

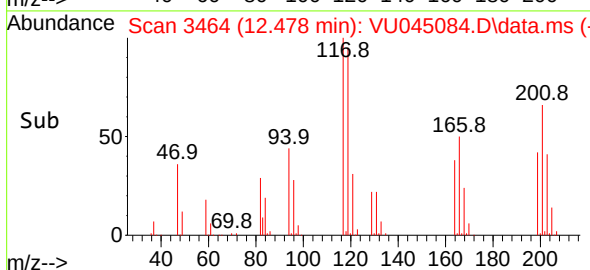
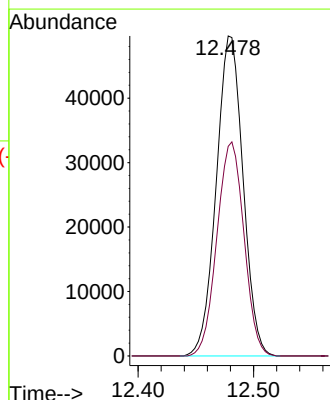
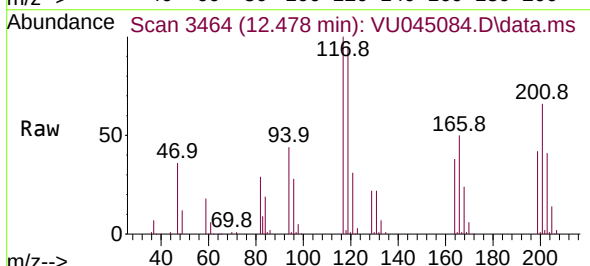
Manual Integrations
APPROVED

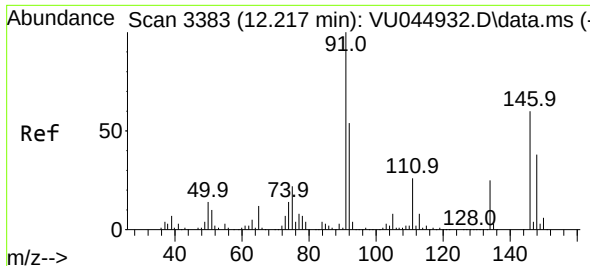
MMDadoda
10/5/2021 12:25:38 PM



#90
Hexachloroethane
Concen: 47.793 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. -0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion:117	Resp:	80064	
Ion	Ratio	Lower	Upper
117	100		
201	67.4	34.8	104.3





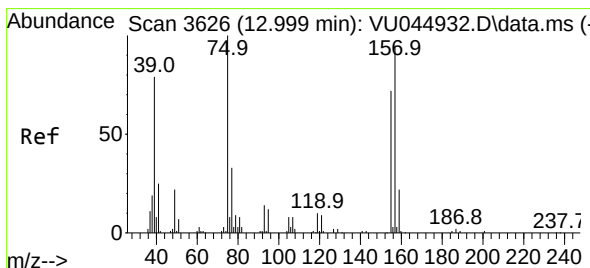
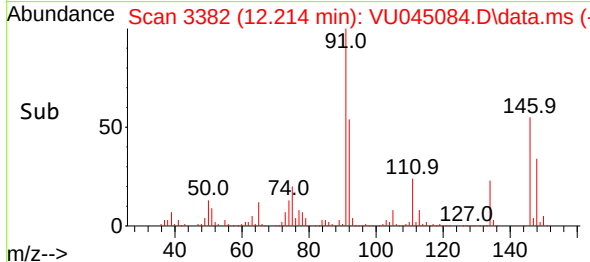
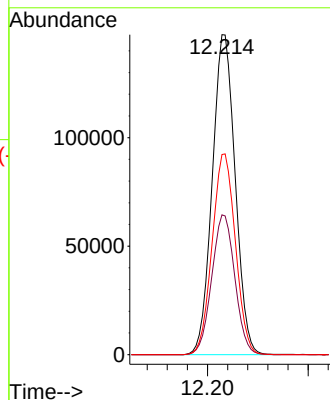
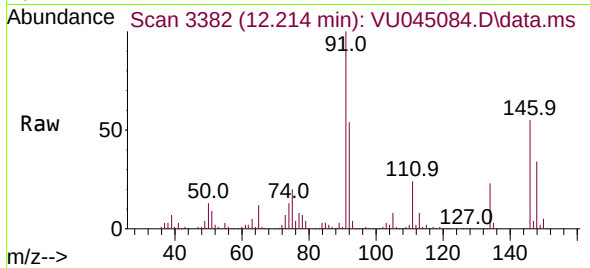
#91
1,2-Dichlorobenzene
Concen: 47.030 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

Tgt Ion:146 Resp: 233650
Ion Ratio Lower Upper
146 100
111 44.0 21.4 64.3
148 63.6 31.8 95.3

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

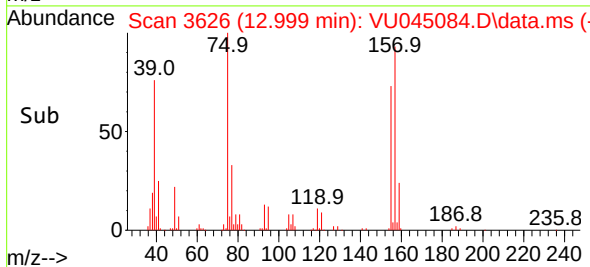
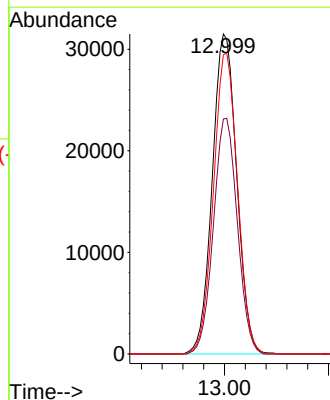
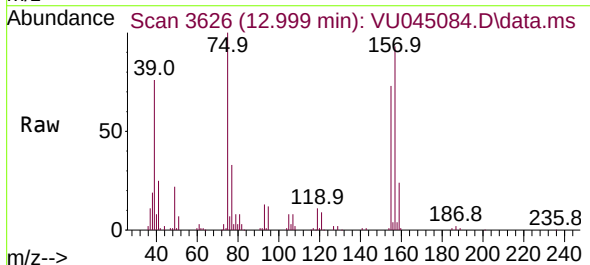
Manual Integrations
APPROVED

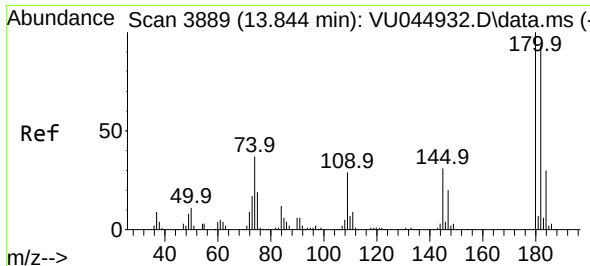
MMDadoda
10/5/2021 12:25:38 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.962 ug/l
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

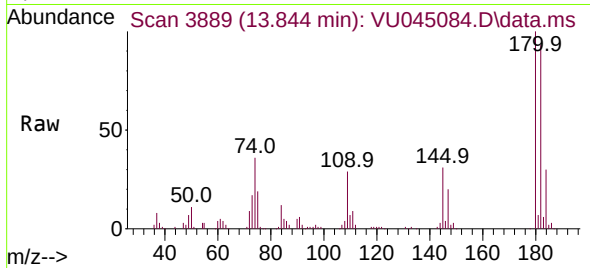
Tgt Ion: 75 Resp: 51462
Ion Ratio Lower Upper
75 100
155 72.1 36.9 110.6
157 92.5 47.8 143.3





#93
 1,2,4-Trichlorobenzene
 Concen: 47.186 ug/l
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU045084.D
 Acq: 01 Oct 2021 19:33

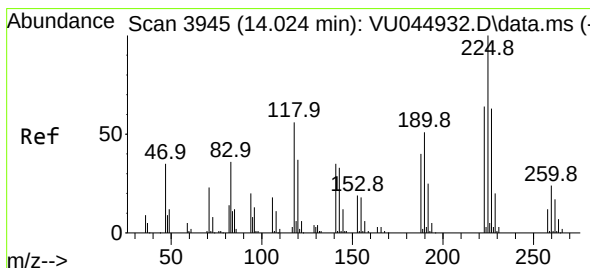
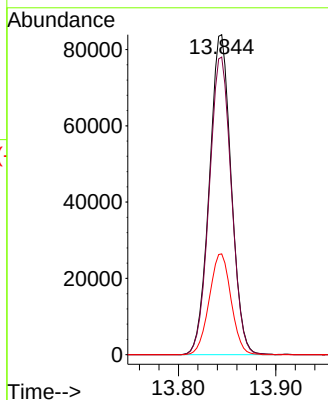
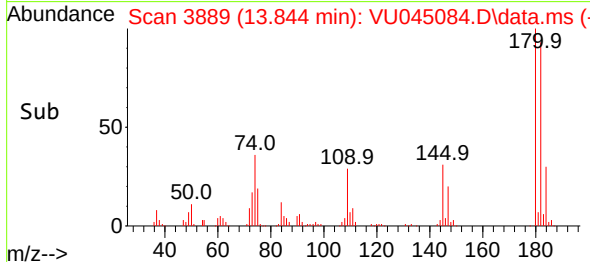
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC



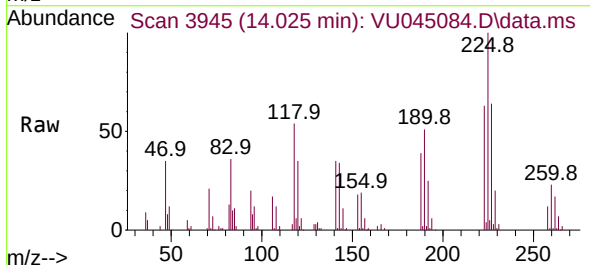
Tgt Ion:180 Resp: 130642
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.4 142.3
 145 31.5 15.4 46.2

Manual Integrations
 APPROVED

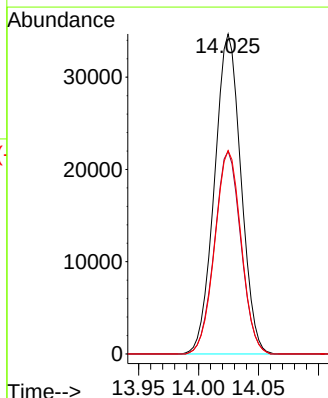
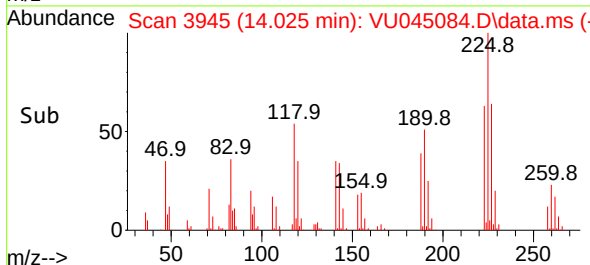
MMDadoda
 10/5/2021 12:25:38 PM

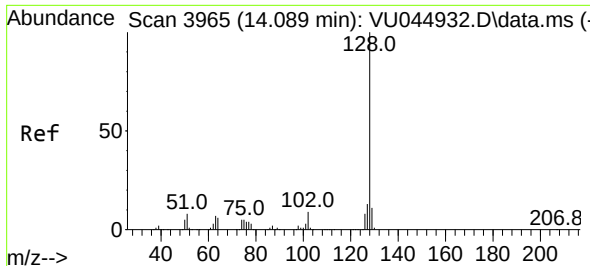


#94
 Hexachlorobutadiene
 Concen: 46.055 ug/l
 RT: 14.025 min Scan# 3945
 Delta R.T. 0.001 min
 Lab File: VU045084.D
 Acq: 01 Oct 2021 19:33



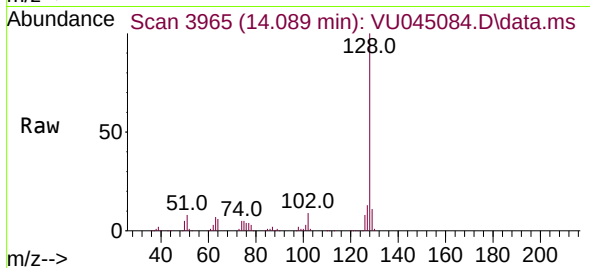
Tgt Ion:225 Resp: 53229
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.1 93.3
 227 63.3 31.4 94.3





#95
Naphthalene
Concen: 45.702 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33

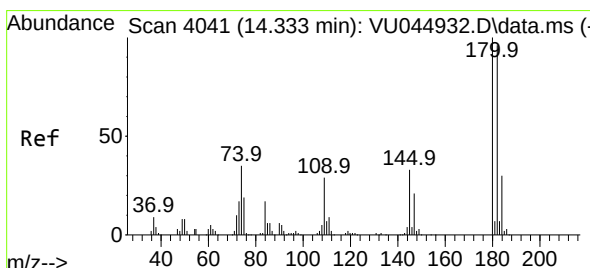
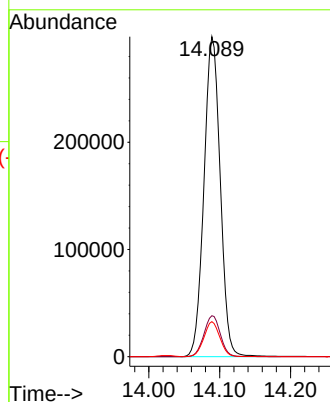
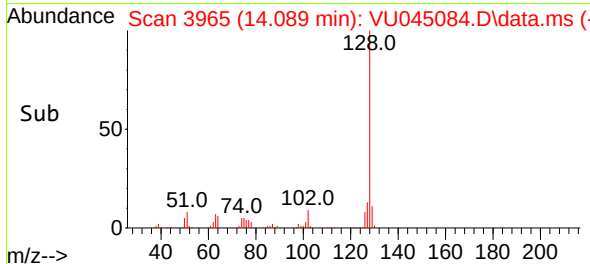
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC



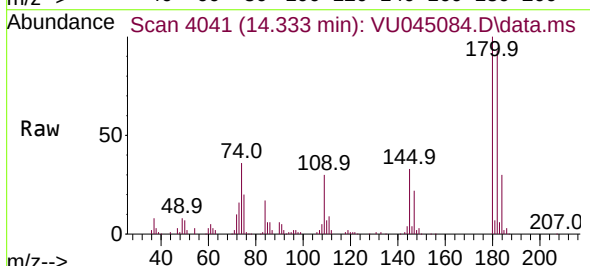
Tgt Ion:128 Resp: 475901
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 13.0

Manual Integrations
APPROVED

MMDadoda
10/5/2021 12:25:38 PM



#96
1,2,3-Trichlorobenzene
Concen: 46.597 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045084.D
Acq: 01 Oct 2021 19:33



Tgt Ion:180 Resp: 129566
Ion Ratio Lower Upper
180 100
182 94.1 47.1 141.4
145 33.5 16.4 49.2

