

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
 Data File : VD070814.D
 Acq On : 22 Oct 2021 09:59
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:57:17 AM

Quant Time: Oct 23 04:08:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	418679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	672572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	645786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	318890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	246767	49.762	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.520%		
35) Dibromofluoromethane	7.909	113	222177	51.591	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.180%		
50) Toluene-d8	10.332	98	882264	53.443	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.880%		
62) 4-Bromofluorobenzene	12.620	95	307708	54.133	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	108.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	225540	46.076	ug/l	100
3) Chloromethane	2.209	50	322098	44.346	ug/l	98
4) Vinyl Chloride	2.344	62	337377	45.327	ug/l	98
5) Bromomethane	2.756	94	200692	44.220	ug/l	95
6) Chloroethane	2.915	64	216238	46.133	ug/l	93
7) Trichlorofluoromethane	3.268	101	392530	46.650	ug/l	96
8) Diethyl Ether	3.709	74	99496	44.381	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.091	101	239772	47.639	ug/l	99
10) Methyl Iodide	4.291	142	215766	41.901	ug/l	96
11) Tert butyl alcohol	5.220	59	56023	201.808	ug/l	99
12) 1,1-Dichloroethene	4.062	96	209050	45.934	ug/l	93
13) Acrolein	3.921	56	71660	266.704	ug/l	97
14) Allyl chloride	4.709	41	392134	45.521	ug/l #	90
15) Acrylonitrile	5.415	53	271689	230.153	ug/l	99
16) Acetone	4.150	43	321703	268.967	ug/l	91
17) Carbon Disulfide	4.403	76	792589	47.795	ug/l	99
18) Methyl Acetate	4.709	43	183534	44.145	ug/l #	88
19) Methyl tert-butyl Ether	5.468	73	469931	47.762	ug/l	97
20) Methylene Chloride	4.956	84	288159	47.600	ug/l #	88
21) trans-1,2-Dichloroethene	5.468	96	249896	47.865	ug/l	93
22) Diisopropyl ether	6.356	45	848961	50.618	ug/l #	93
23) Vinyl Acetate	6.297	43	1964649	222.946	ug/l #	92
24) 1,1-Dichloroethane	6.256	63	489824	46.879	ug/l	98
25) 2-Butanone	7.209	43	353386	239.161	ug/l #	87
26) 2,2-Dichloropropane	7.203	77	410664	49.693	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	257439	45.984	ug/l	86
28) Bromochloromethane	7.538	49	199223	47.960	ug/l	84
29) Tetrahydrofuran	7.556	42	219020	242.131	ug/l #	82
30) Chloroform	7.703	83	487099	47.716	ug/l	99
31) Cyclohexane	7.979	56	467519	46.599	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	418445	48.319	ug/l	96
36) 1,1-Dichloropropene	8.103	75	374613	49.998	ug/l	97
37) Ethyl Acetate	7.285	43	154544	49.787	ug/l #	93
38) Carbon Tetrachloride	8.091	117	366168	51.024	ug/l	95
39) Methylcyclohexane	9.350	83	427794	50.630	ug/l #	84
40) Benzene	8.344	78	1068782	49.530	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
 Data File : VD070814.D
 Acq On : 22 Oct 2021 09:59
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/25/2021 11:57:17 AM

Quant Time: Oct 23 04:08:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	78238	40.358	ug/l #	88
42) 1,2-Dichloroethane	8.414	62	301746	49.271	ug/l	97
43) Isopropyl Acetate	8.444	43	280492	47.370	ug/l #	92
44) Trichloroethene	9.108	130	247585	48.860	ug/l	98
45) 1,2-Dichloropropane	9.379	63	292112	51.236	ug/l	98
46) Dibromomethane	9.467	93	134807	49.376	ug/l	97
47) Bromodichloromethane	9.656	83	357157	49.313	ug/l	97
48) Methyl methacrylate	9.450	41	144847	49.936	ug/l #	84
49) 1,4-Dioxane	9.456	88	29286	998.986	ug/l #	86
51) 4-Methyl-2-Pentanone	10.220	43	788847	252.753	ug/l	90
52) Toluene	10.397	92	660942	51.447	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	314957	48.684	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	371165	47.927	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	183400	48.911	ug/l	92
56) Ethyl methacrylate	10.655	69	222410	44.130	ug/l #	81
57) 1,3-Dichloropropane	10.938	76	328326	49.351	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	516753	261.656	ug/l	94
59) 2-Hexanone	10.973	43	587230	267.313	ug/l	88
60) Dibromochloromethane	11.132	129	211698	49.124	ug/l	98
61) 1,2-Dibromoethane	11.238	107	163623	47.693	ug/l	100
64) Tetrachloroethene	10.867	164	206649	47.621	ug/l	96
65) Chlorobenzene	11.661	112	637158	48.109	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	237820	48.530	ug/l	99
67) Ethyl Benzene	11.738	91	1233871	50.953	ug/l	98
68) m/p-Xylenes	11.844	106	956880	104.303	ug/l	96
69) o-Xylene	12.173	106	415305	49.903	ug/l	93
70) Styrene	12.185	104	760154	52.548	ug/l	97
71) Bromoform	12.350	173	121104	47.593	ug/l #	99
73) Isopropylbenzene	12.467	105	1135637	49.980	ug/l	99
74) N-amyl acetate	12.279	43	282499	47.757	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.720	83	209213	46.546	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	160172m	58.137	ug/l	
77) Bromobenzene	12.749	156	250375	48.673	ug/l	97
78) n-propylbenzene	12.808	91	1509931	51.125	ug/l	98
79) 2-Chlorotoluene	12.897	91	841628	49.309	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1012099	52.692	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.514	75	59503	47.305	ug/l	88
82) 4-Chlorotoluene	12.991	91	917049	50.793	ug/l	97
83) tert-Butylbenzene	13.214	119	801997	50.523	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	980848	51.358	ug/l	100
85) sec-Butylbenzene	13.391	105	1274952	51.109	ug/l	99
86) p-Isopropyltoluene	13.502	119	1031403	51.426	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	517663	47.923	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	502159	47.077	ug/l	99
89) n-Butylbenzene	13.832	91	1035925	51.181	ug/l	98
90) Hexachloroethane	14.096	117	203786	47.087	ug/l	90
91) 1,2-Dichlorobenzene	13.873	146	437173	47.354	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.491	75	33285	46.430	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	253852	48.069	ug/l	99
94) Hexachlorobutadiene	15.249	225	165776	47.871	ug/l	98
95) Naphthalene	15.385	128	426466	42.143	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	220972	47.093	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
Data File : VD070814.D
Acq On : 22 Oct 2021 09:59
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:57:17 AM

Quant Time: Oct 23 04:08:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 18 08:32:03 2021
Response via : Initial Calibration

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

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

MMDadoda
10/25/2021 11:57:17 AM

Abundance

TIC: VD070814.D\data.ms

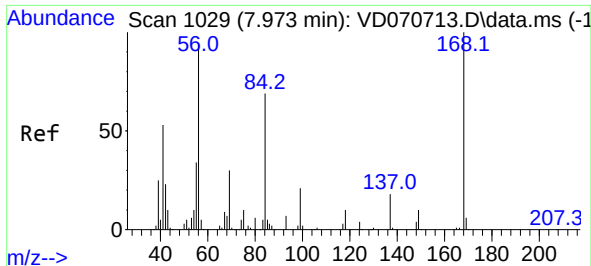
Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

3800000
3600000
3400000
3200000
3000000
2800000
2600000
2400000
2200000
2000000
1800000
1600000
1400000
1200000
1000000
800000
600000
400000
200000
0

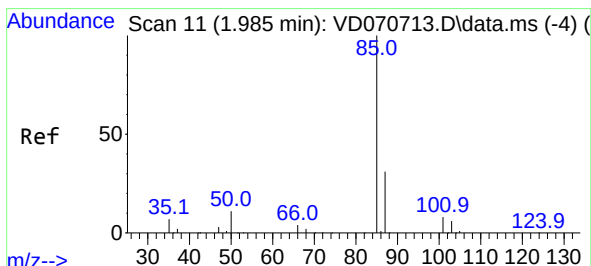
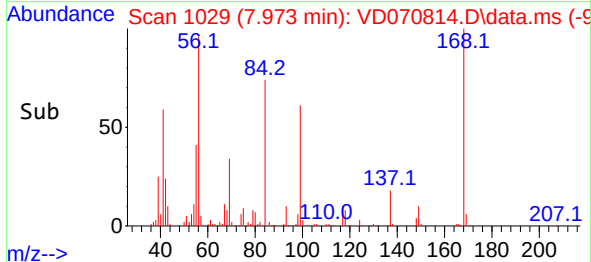
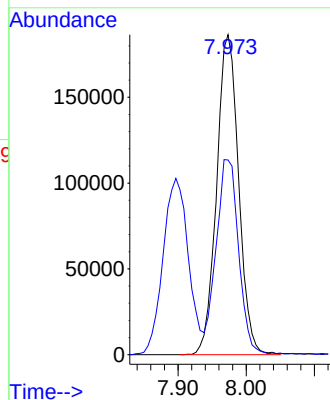
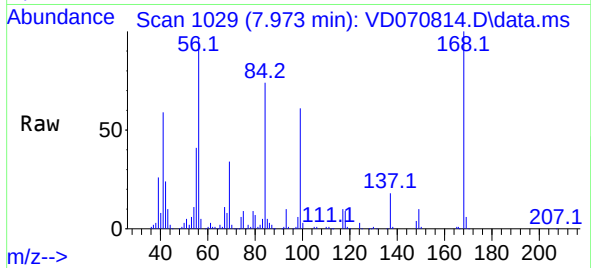
Compounds identified (from left to right):

- Dichlorodifluoromethane, T
- Chloromethane, P
- Vinyl Chloride, C
- Bromomethane, T
- Chloroethane, T
- Trichlorofluoromethane, T
- Diethyl Ether, T
- Acrolein, T
- 1,1,1-Trichloroethane, T
- Acetone, T
- Methyl iodide, T
- Carbon Disulfide, T
- Methyl acetate, T
- Methylene Chloride, T
- Tert butyl alcohol, T
- Acrylonitrile, T
- 1,1-Dichloroethane, P
- Isopropyl alcohol, T
- Ethyl Acetate, T
- Methacrylonitrile, T
- Chloroform, C
- Dibromochloromethane, T
- 1,2-Dichloroethane, TM
- Isopropyl Acetate, T
- 1,4-Difluorobenzene, I
- Trichloroethene, TM
- 1,2-Dichloropropane, C
- Methylcyclohexane, T
- Bromodichloromethane, T
- cis-1,3-Dichloropropene, T
- 2-Chloroethyl Vinyl ether, T
- 4-Methyl-2-Pentanol, T
- Toluene, CM
- Ethyl methylcarbamate, T
- 1,1,2-Trichloroethane, T
- 1,3-Dichloropropene, T
- 1,2-Dibromochloromethane, T
- 1,2-Dibromobenzene, T
- Chlorobenzene, T
- 1,1,1-Trichloroethane, T
- Styrene, T
- o-Xylene, T
- Isopropylbenzene, T
- 4-Bromofluorobenzene, S
- Bromobenzene, T
- 1,1,2-Trichloroethane, T
- 2-Chlorobenzene, T
- 1,3,5-Trimethylbenzene, T
- sec-Butylbenzene, T
- 1,2,4-Trimethylbenzene, T
- n-Butylbenzene, T
- 1,2-Dichlorobenzene, T
- Hexachloroethane, T
- 1,2-Dibromo-3-Chloropropane, T
- 1,2,4-Trichlorobenzene, T
- Hexachlorobutadiene, T
- Naphthalene, T
- 1,2,3-Trichlorobenzene, T



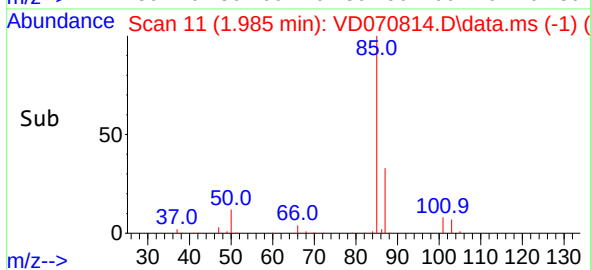
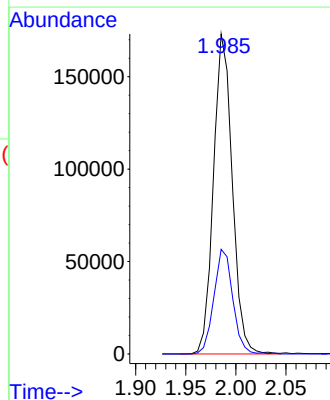
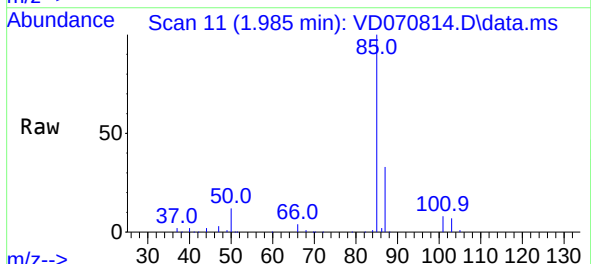
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 168 Resp: 418679
Ion Ratio Lower Upper
168 100
99 60.3 51.4 77.0



#2
Dichlorodifluoromethane
Concen: 46.076 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

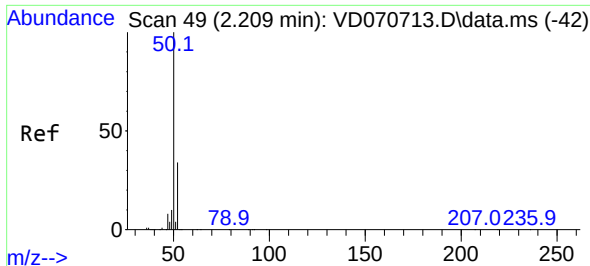
Tgt Ion: 85 Resp: 225540
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.2



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:57:17 AM



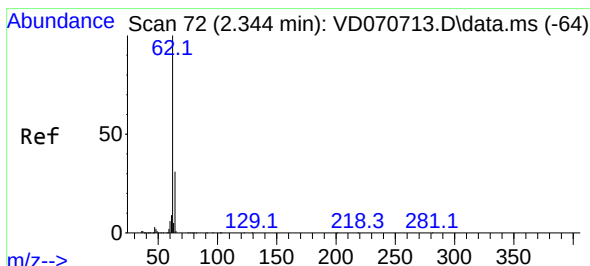
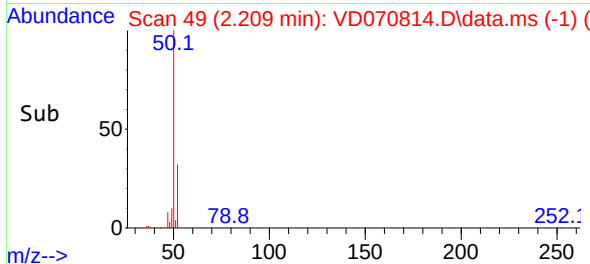
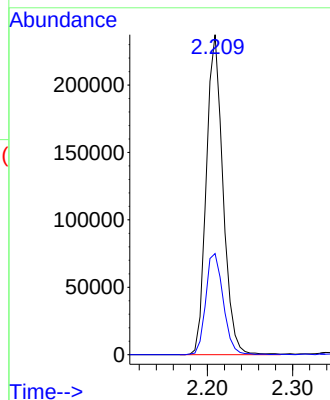
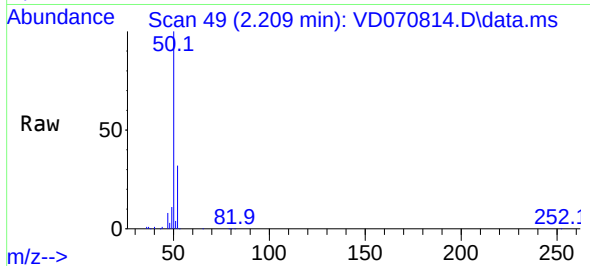
#3
Chloromethane
Concen: 44.346 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 50 Resp: 322098
Ion Ratio Lower Upper
50 100
52 31.6 26.0 39.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

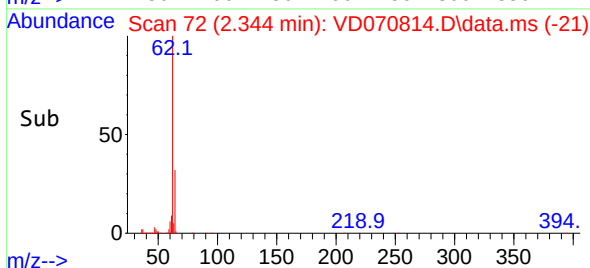
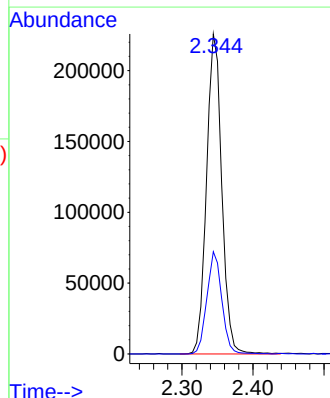
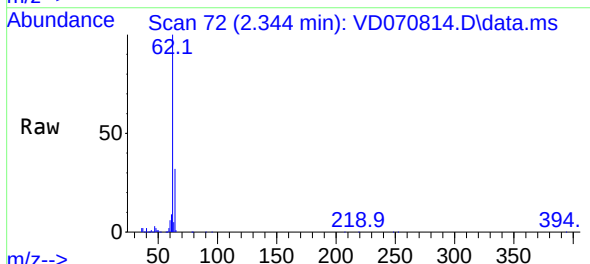
Manual Integrations
APPROVED

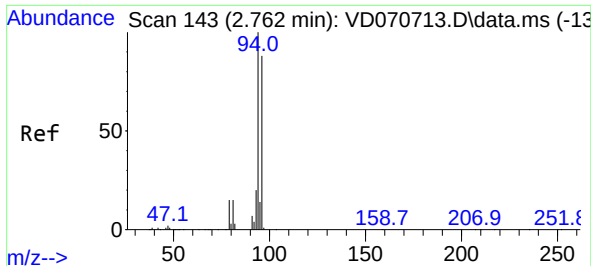
MMDadoda
10/25/2021 11:57:17 AM



#4
Vinyl Chloride
Concen: 45.327 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 62 Resp: 337377
Ion Ratio Lower Upper
62 100
64 32.0 24.9 37.3





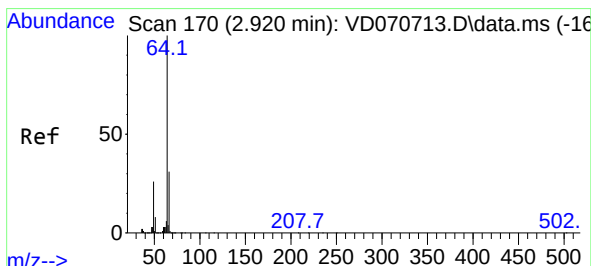
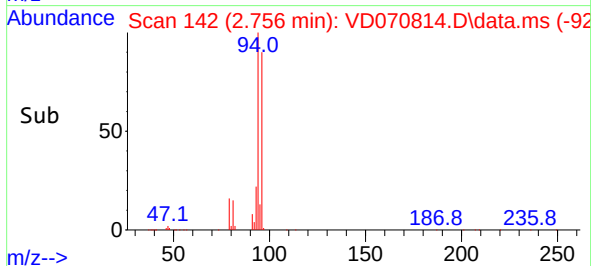
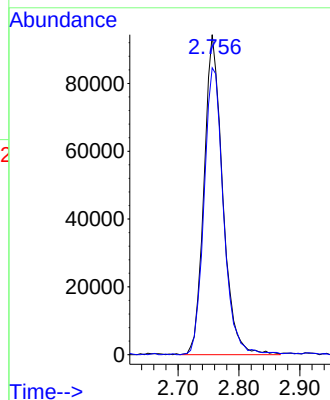
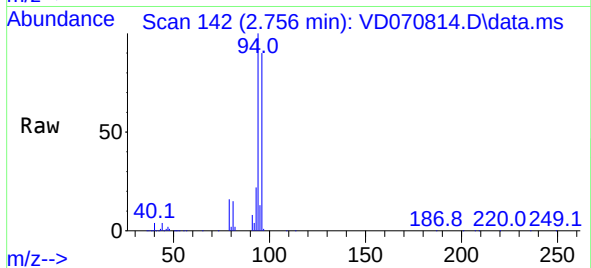
#5
Bromomethane
Concen: 44.220 ug/l
RT: 2.756 min Scan# 142
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 94 Resp: 200692
Ion Ratio Lower Upper
94 100
96 89.6 75.5 113.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

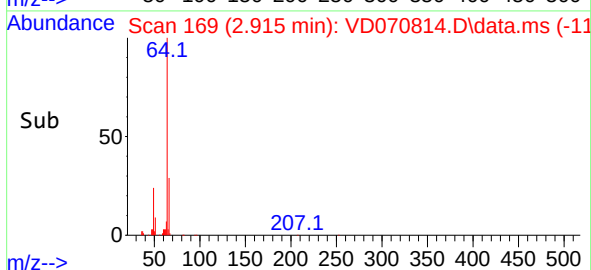
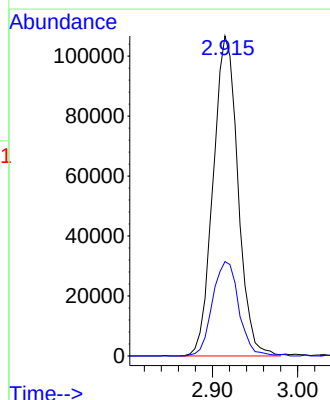
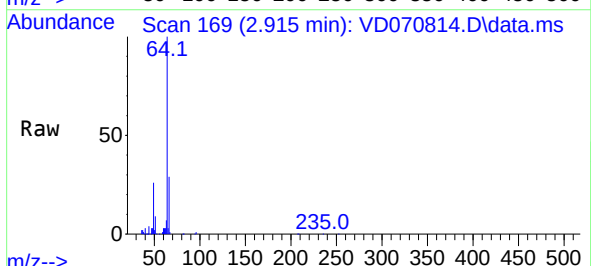
Manual Integrations
APPROVED

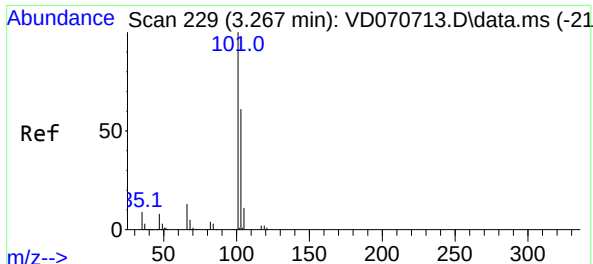
MMDadoda
10/25/2021 11:57:17 AM



#6
Chloroethane
Concen: 46.133 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 64 Resp: 216238
Ion Ratio Lower Upper
64 100
66 29.5 26.6 40.0





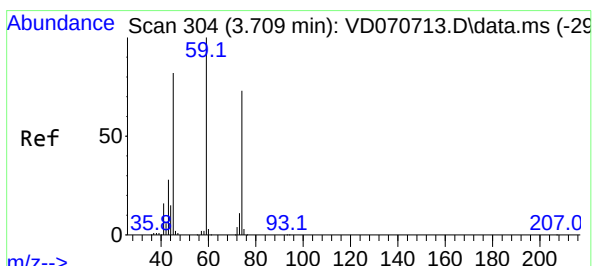
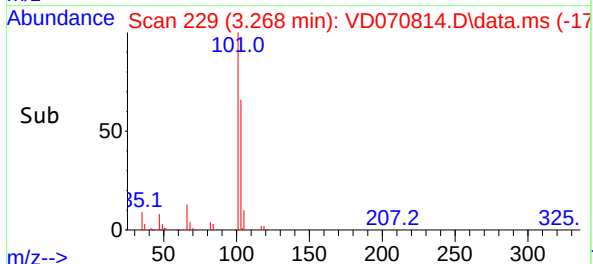
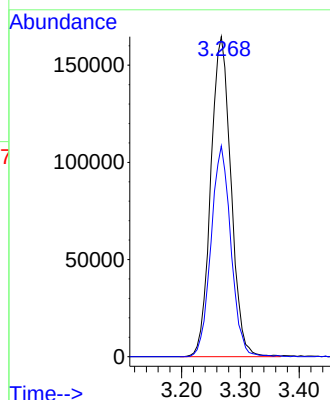
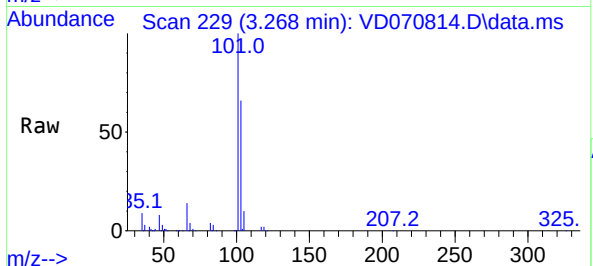
#7
Trichlorofluoromethane
Concen: 46.650 ug/l
RT: 3.268 min Scan# 229
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion:101 Resp: 392530
Ion Ratio Lower Upper
101 100
103 65.8 50.1 75.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

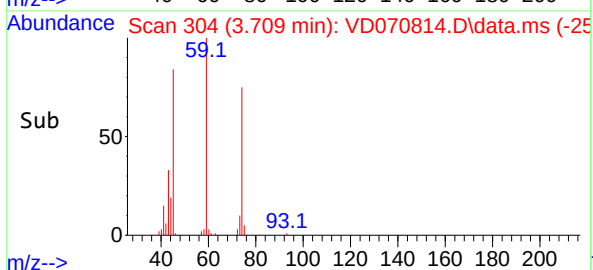
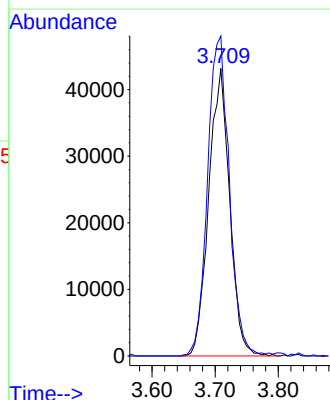
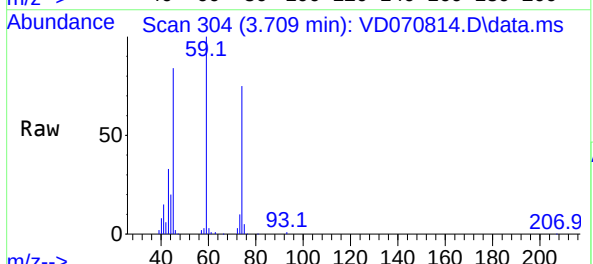
Manual Integrations
APPROVED

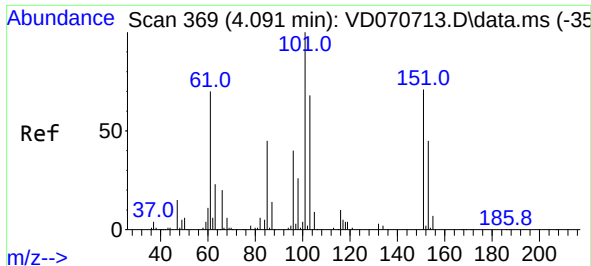
MMDadoda
10/25/2021 11:57:17 AM



#8
Diethyl Ether
Concen: 44.381 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 74 Resp: 99496
Ion Ratio Lower Upper
74 100
45 114.9 45.1 135.5





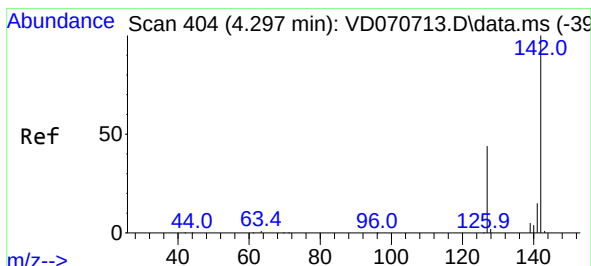
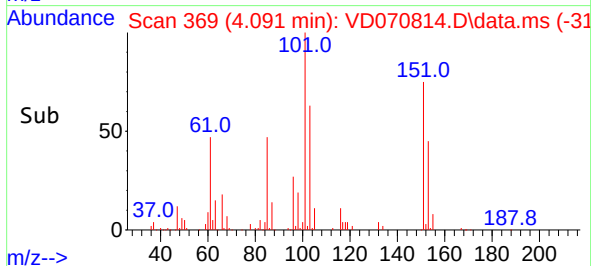
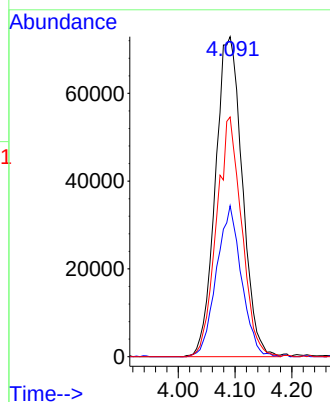
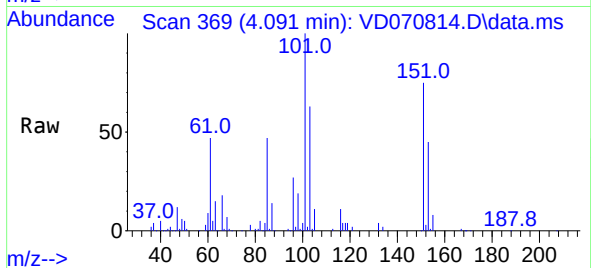
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.639 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion:	101	Resp:	239772
Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.5	53.3
151	70.2	55.8	83.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

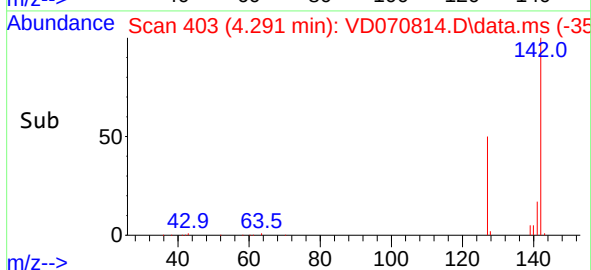
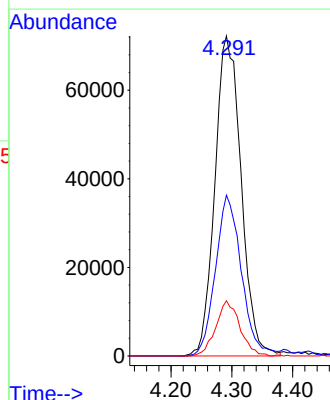
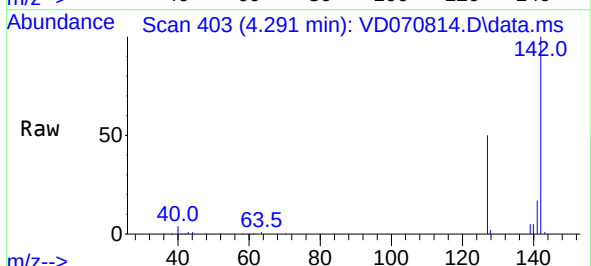
Manual Integrations
APPROVED

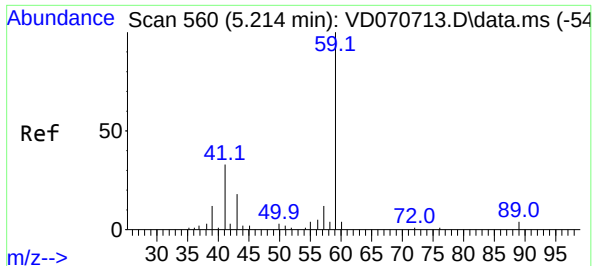
MMDadoda
10/25/2021 11:57:17 AM



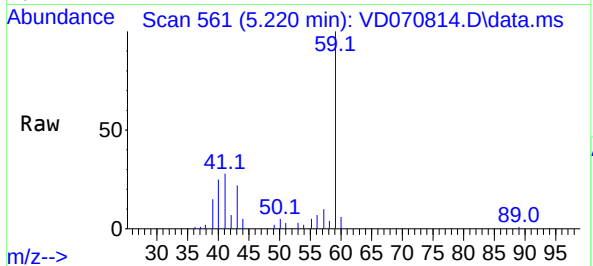
#10
Methyl Iodide
Concen: 41.901 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion:	142	Resp:	215766
Ion	Ratio	Lower	Upper
142	100		
127	49.7	37.5	56.3
141	15.9	12.1	18.1

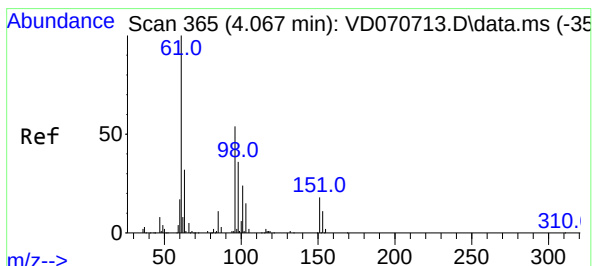
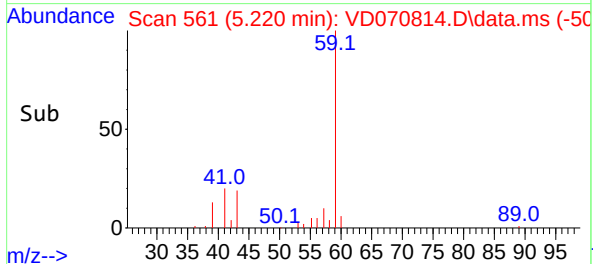
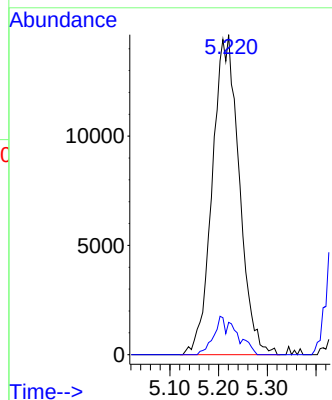




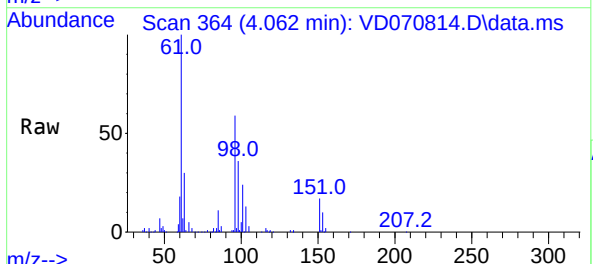
#11
Tert butyl alcohol
Concen: 201.808 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



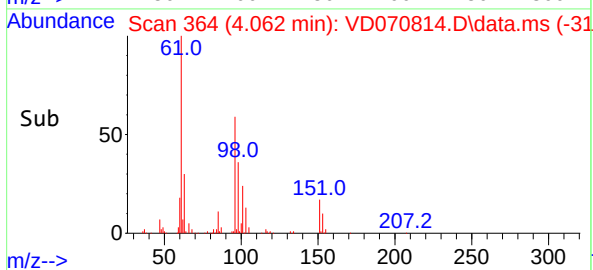
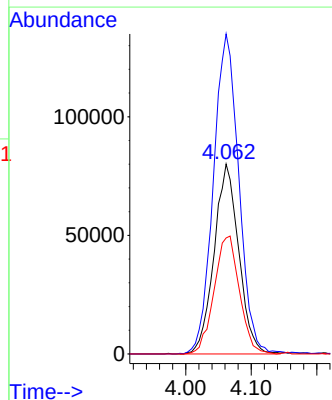
Tgt Ion: 59 Resp: 56023
Ion Ratio Lower Upper
59 100
57 5.2 4.5 6.7



#12
1,1-Dichloroethene
Concen: 45.934 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



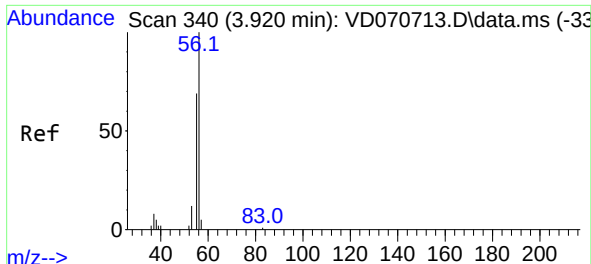
Tgt Ion: 96 Resp: 209050
Ion Ratio Lower Upper
96 100
61 168.1 125.9 188.9
98 61.1 52.3 78.5



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:57:17 AM



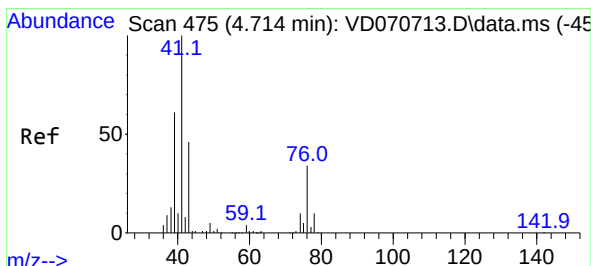
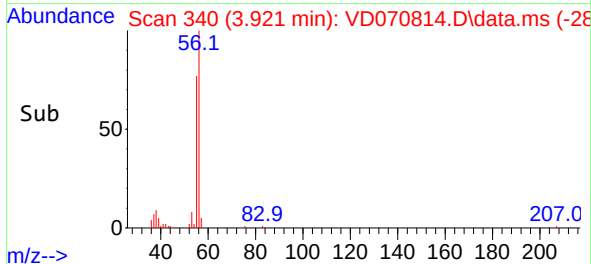
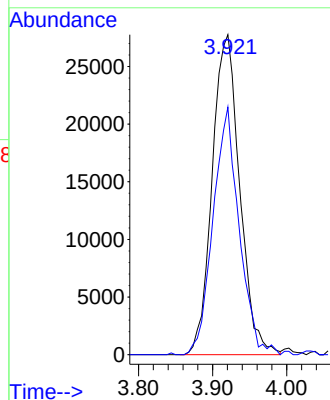
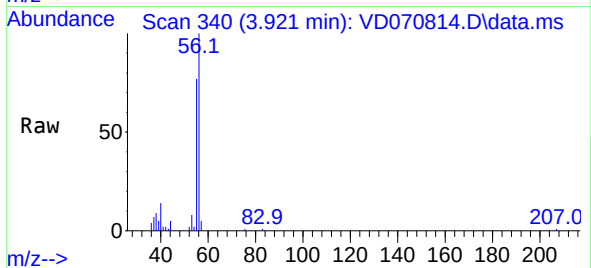
#13
Acrolein
Concen: 266.704 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 56 Resp: 71660
Ion Ratio Lower Upper
56 100
55 73.3 56.8 85.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

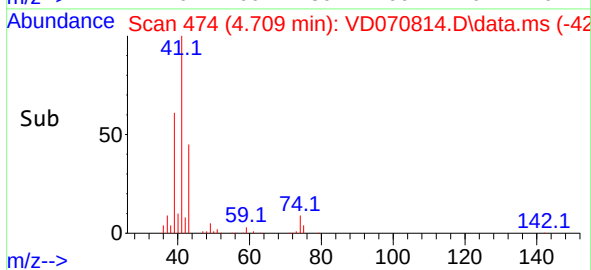
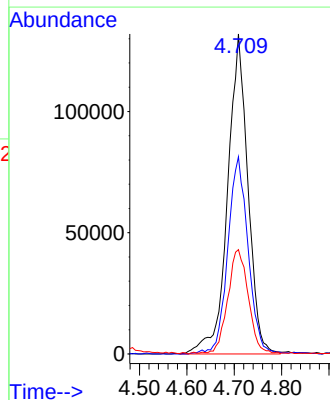
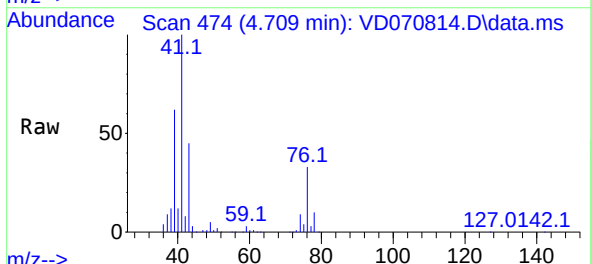
Manual Integrations
APPROVED

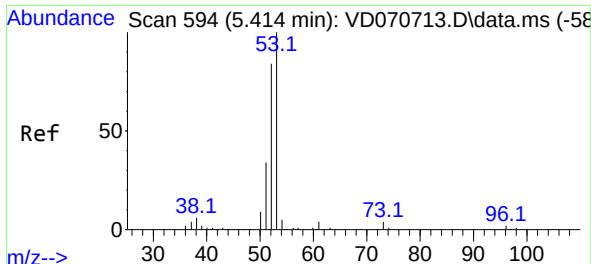
MMDadoda
10/25/2021 11:57:17 AM



#14
Allyl chloride
Concen: 45.521 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

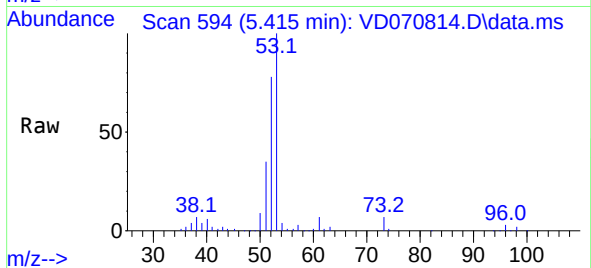
Tgt Ion: 41 Resp: 392134
Ion Ratio Lower Upper
41 100
39 61.9 46.4 69.6
76 32.4 34.6 51.8#





#15
Acrylonitrile
Concen: 230.153 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

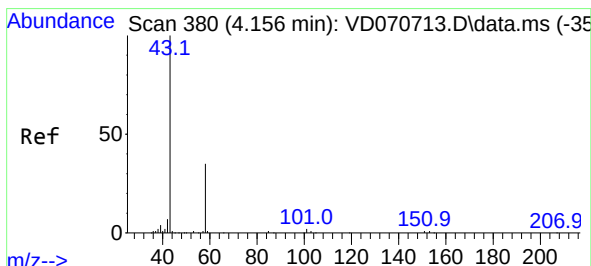
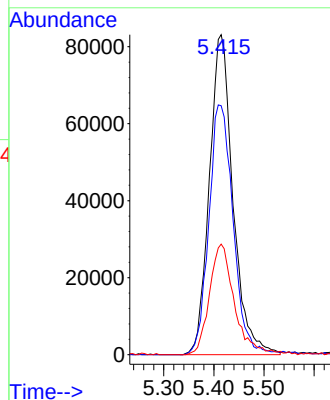
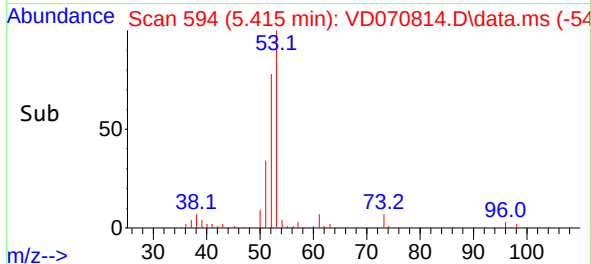
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



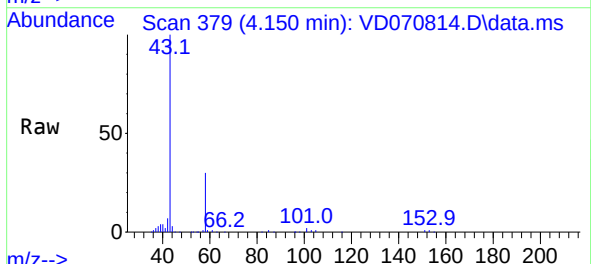
Tgt Ion: 53 Resp: 271689
Ion Ratio Lower Upper
53 100
52 80.5 64.6 97.0
51 36.6 28.7 43.1

Manual Integrations
APPROVED

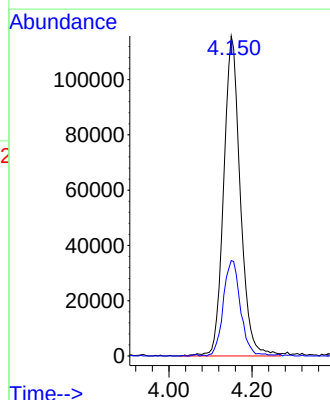
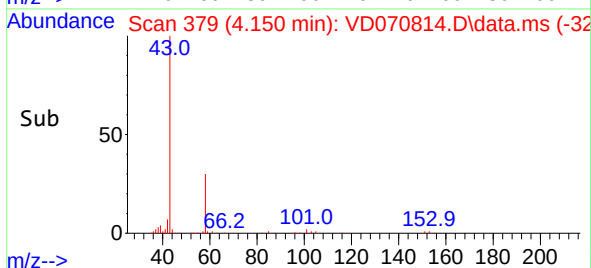
MMDadoda
10/25/2021 11:57:17 AM

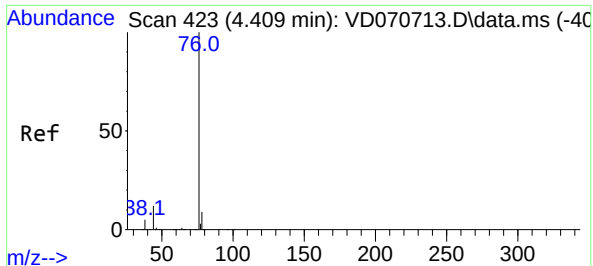


#16
Acetone
Concen: 268.967 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



Tgt Ion: 43 Resp: 321703
Ion Ratio Lower Upper
43 100
58 29.8 28.2 42.2





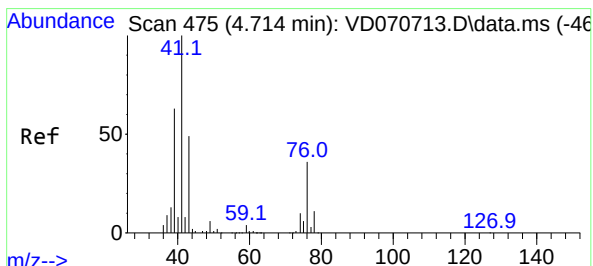
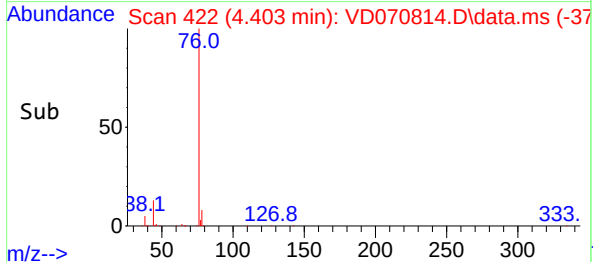
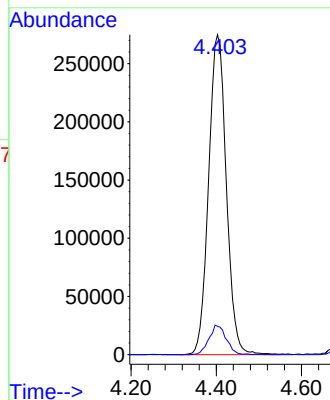
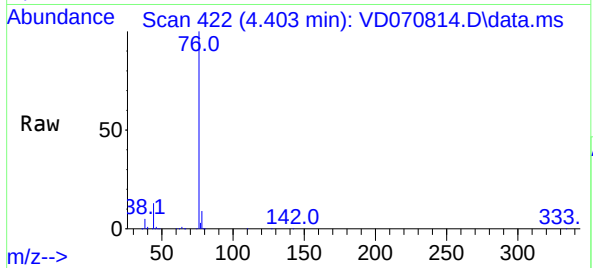
#17
Carbon Disulfide
Concen: 47.795 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 76 Resp: 792589
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

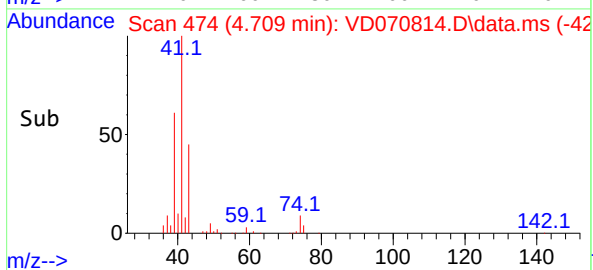
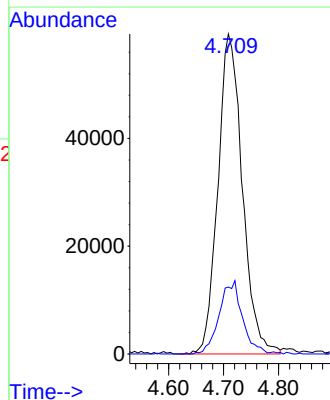
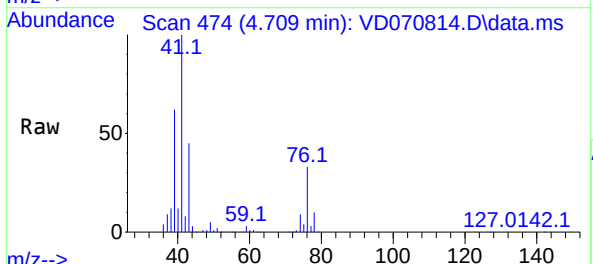
Manual Integrations
APPROVED

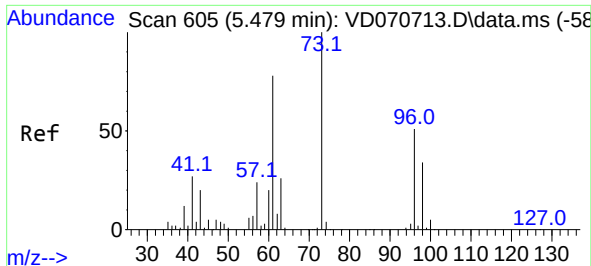
MMDadoda
10/25/2021 11:57:17 AM



#18
Methyl Acetate
Concen: 44.145 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 43 Resp: 183534
Ion Ratio Lower Upper
43 100
74 21.6 22.6 33.8#





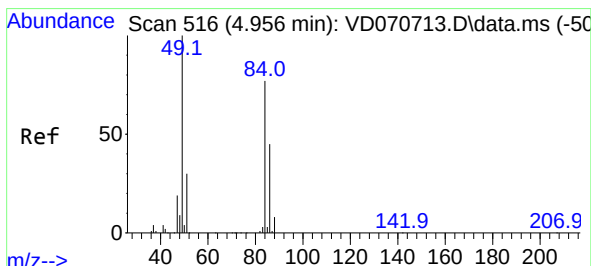
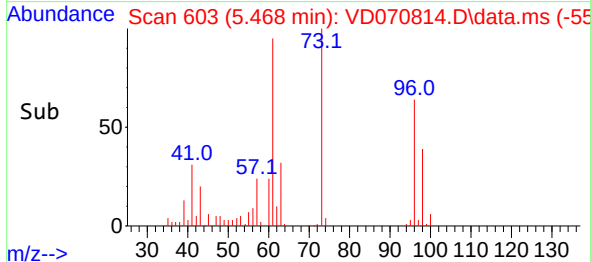
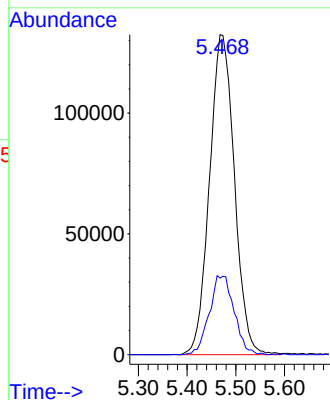
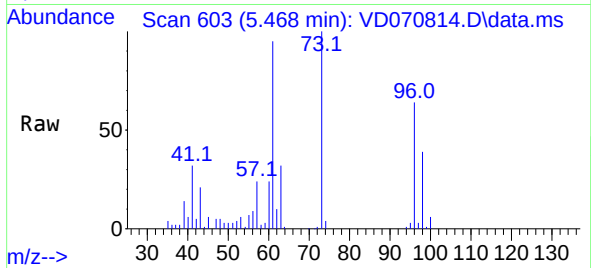
#19
Methyl tert-butyl Ether
Concen: 47.762 ug/l
RT: 5.468 min Scan# 603
Delta R.T. -0.012 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 73 Resp: 469931
Ion Ratio Lower Upper
73 100
57 24.0 18.1 27.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

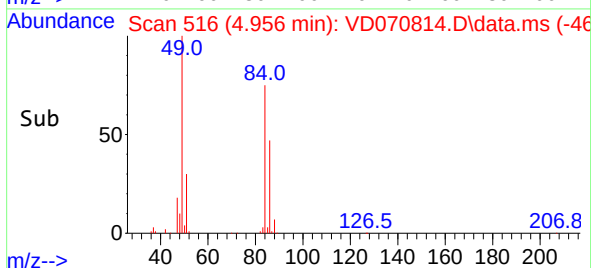
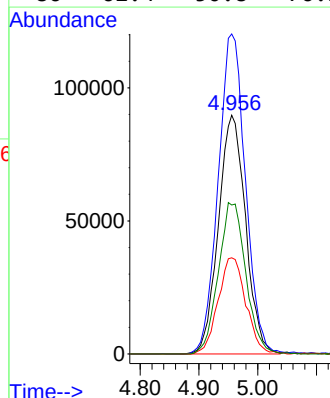
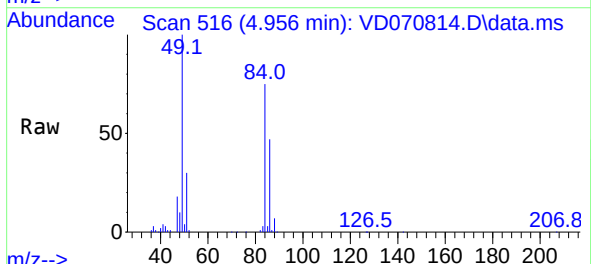
Manual Integrations
APPROVED

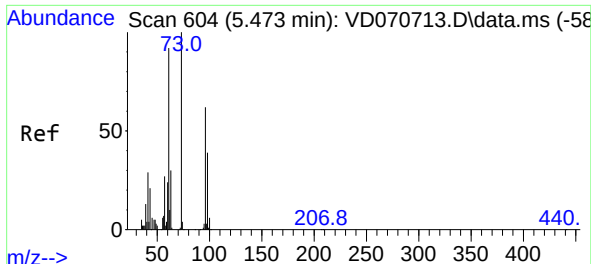
MMDadoda
10/25/2021 11:57:17 AM



#20
Methylene Chloride
Concen: 47.600 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

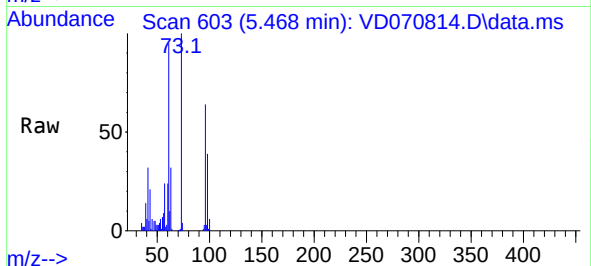
Tgt Ion: 84 Resp: 288159
Ion Ratio Lower Upper
84 100
49 134.0 91.4 137.2
51 40.3 26.7 40.1#
86 62.4 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 47.865 ug/l
RT: 5.468 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

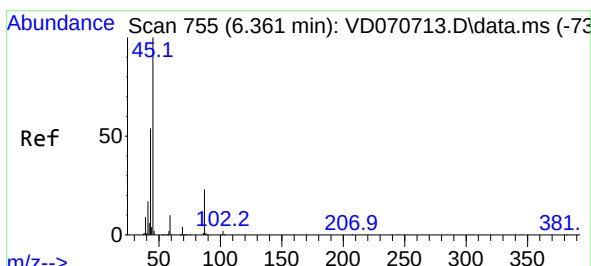
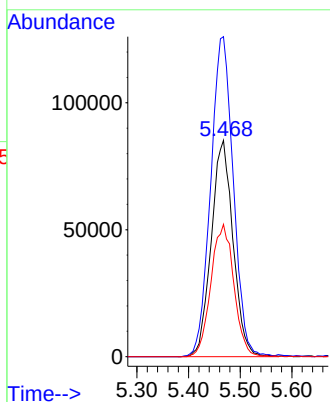
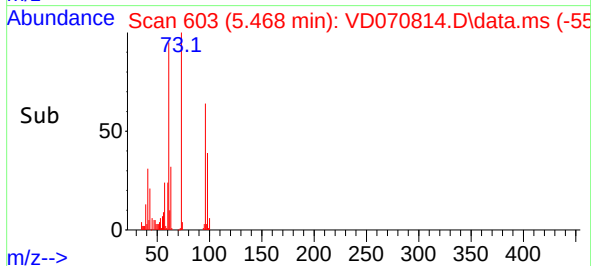
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



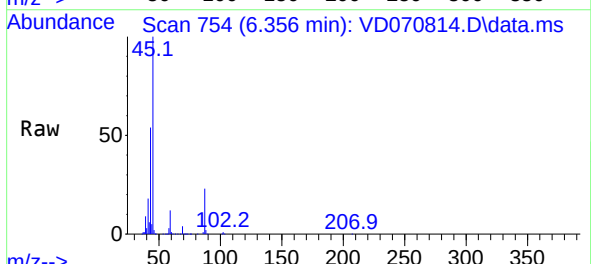
Tgt Ion: 96 Resp: 249896
Ion Ratio Lower Upper
96 100
61 148.0 111.1 166.7
98 61.2 51.9 77.9

Manual Integrations
APPROVED

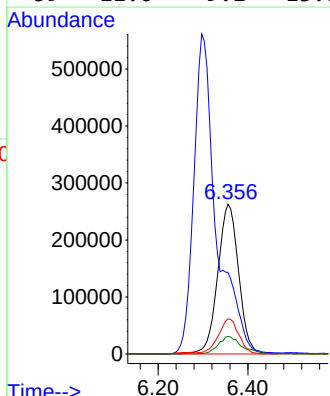
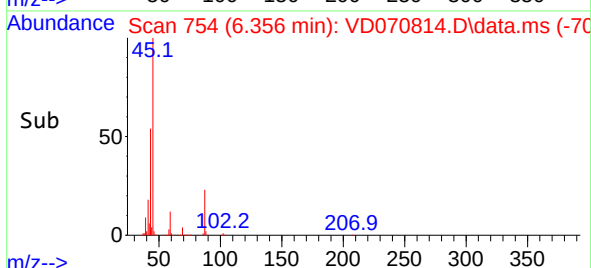
MMDadoda
10/25/2021 11:57:17 AM

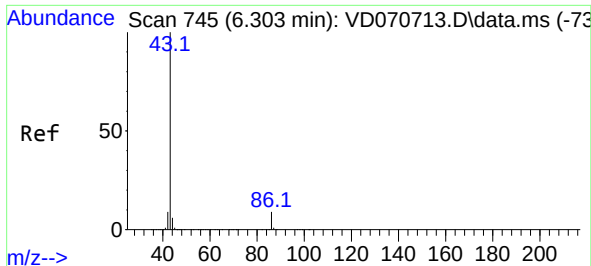


#22
Diisopropyl ether
Concen: 50.618 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



Tgt Ion: 45 Resp: 848961
Ion Ratio Lower Upper
45 100
43 53.7 40.6 61.0
87 23.2 24.6 37.0#
59 11.6 9.1 13.7





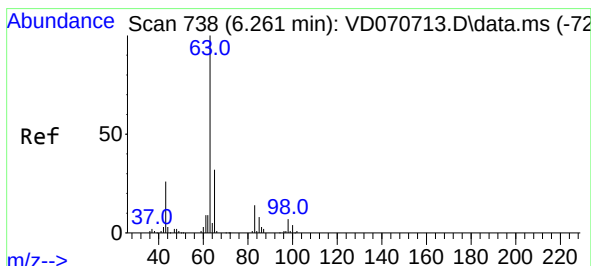
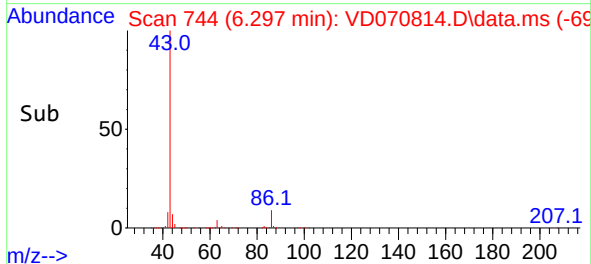
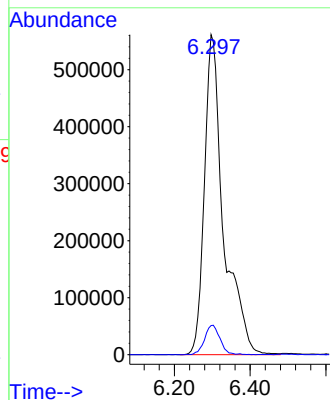
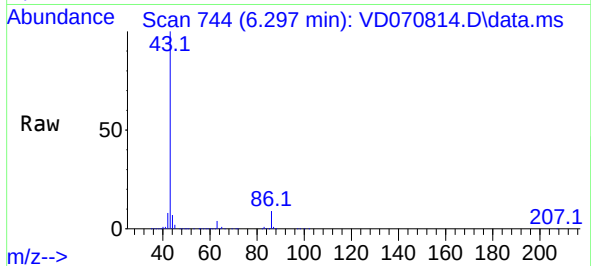
#23
 Vinyl Acetate
 Concen: 222.946 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD070814.D
 Acq: 22 Oct 2021 09:59

Tgt Ion: 43 Resp: 1964649
 Ion Ratio Lower Upper
 43 100
 86 9.1 9.8 14.6#

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

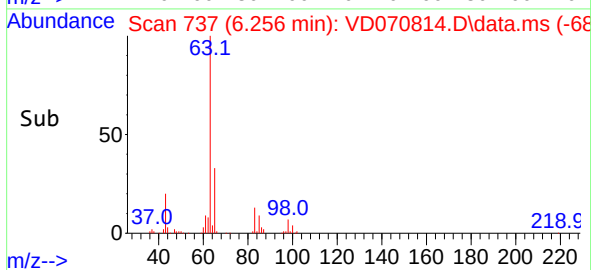
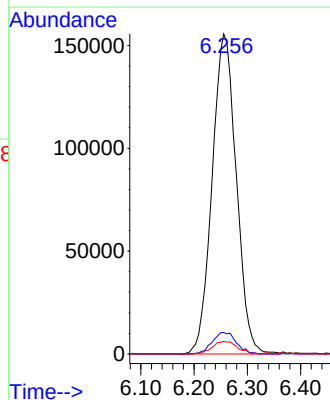
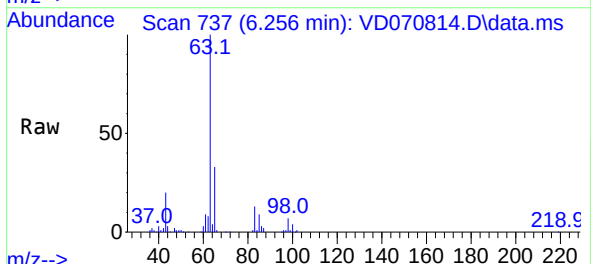
Manual Integrations
 APPROVED

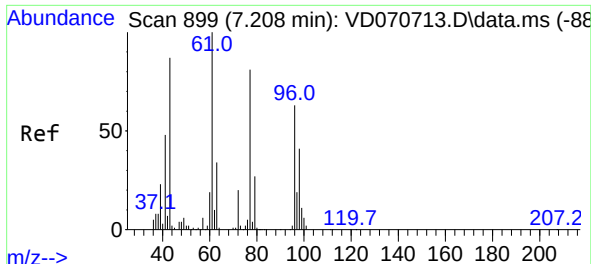
MMDadoda
 10/25/2021 11:57:17 AM



#24
 1,1-Dichloroethane
 Concen: 46.879 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD070814.D
 Acq: 22 Oct 2021 09:59

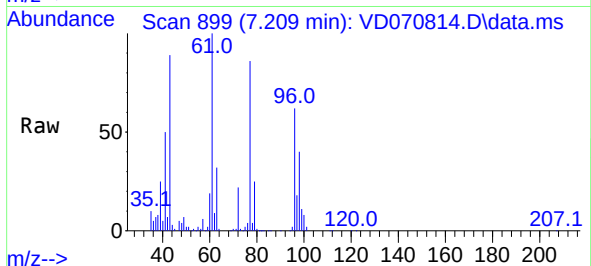
Tgt Ion: 63 Resp: 489824
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 3.9 2.4 7.2





#25
2-Butanone
Concen: 239.161 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

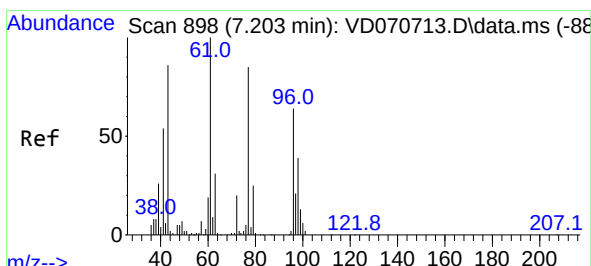
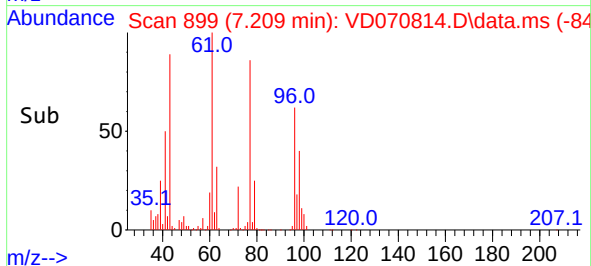
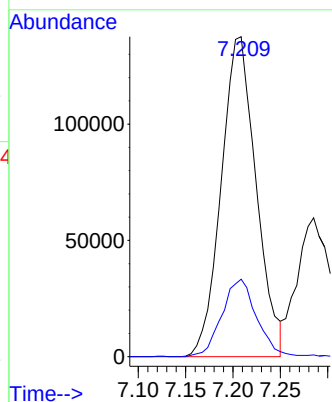
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 353386
Ion Ratio Lower Upper
43 100
72 24.2 25.2 37.8#

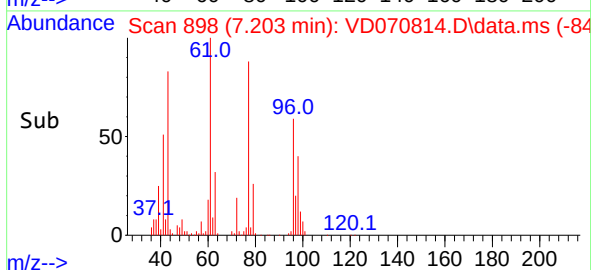
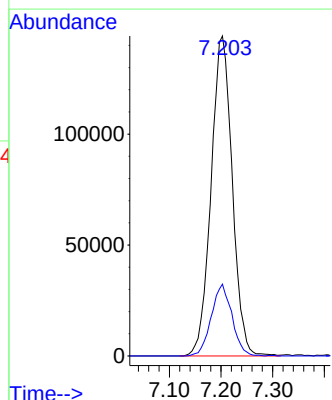
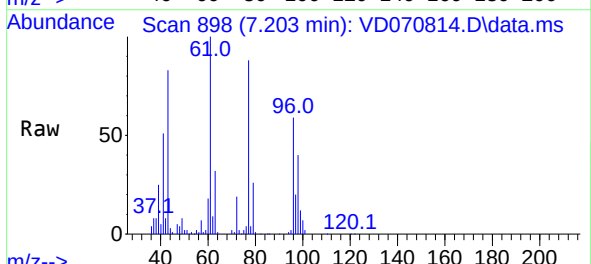
Manual Integrations
APPROVED

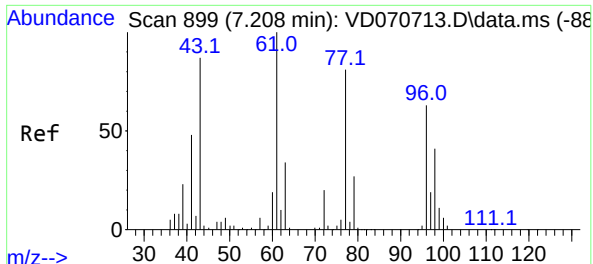
MMDadoda
10/25/2021 11:57:17 AM



#26
2,2-Dichloropropane
Concen: 49.693 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 77 Resp: 410664
Ion Ratio Lower Upper
77 100
97 21.9 11.9 35.7





#27

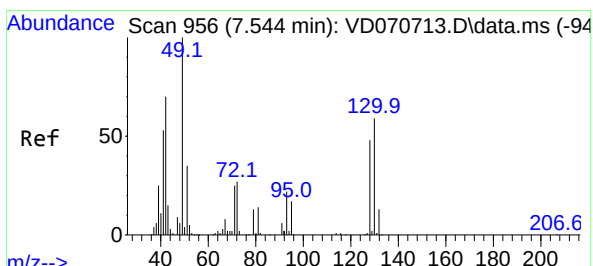
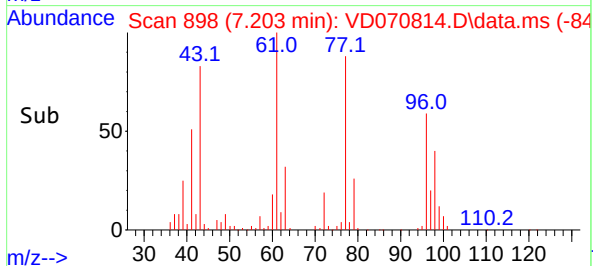
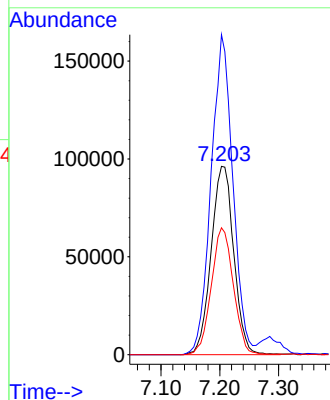
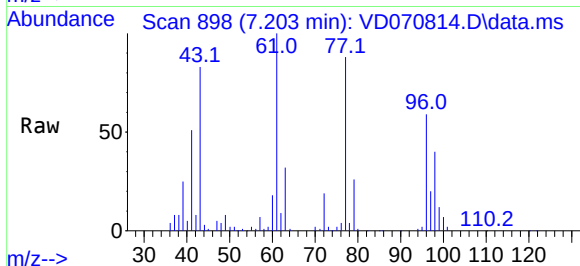
cis-1,2-Dichloroethene
Concen: 45.984 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion:	96	Resp:	257439
Ion	Ratio	Lower	Upper
96	100		
61	162.7	0.0	278.2
98	65.7	0.0	128.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

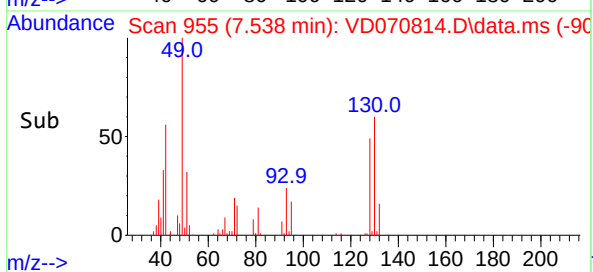
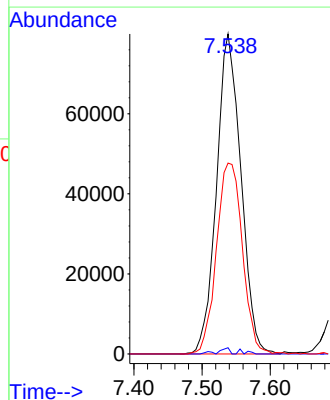
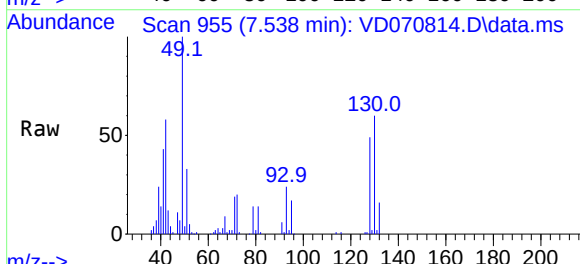
MMDadoda
10/25/2021 11:57:17 AM

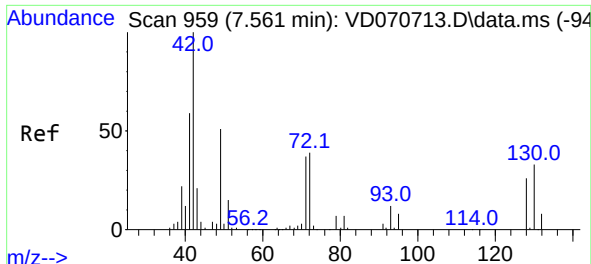


#28

Bromochloromethane
Concen: 47.960 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion:	49	Resp:	199223
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.8
130	63.4	62.4	93.6





#29

Tetrahydrofuran

Concen: 242.131 ug/l

RT: 7.556 min Scan# 958

Delta R.T. -0.006 min

Lab File: VD070814.D

Acq: 22 Oct 2021 09:59

Tgt Ion: 42 Resp: 219020

Ion Ratio Lower Upper

42 100

72 37.5 40.2 60.4#

71 34.8 37.2 55.8#

Instrument :

MSVOA_D

ClientSampleId :

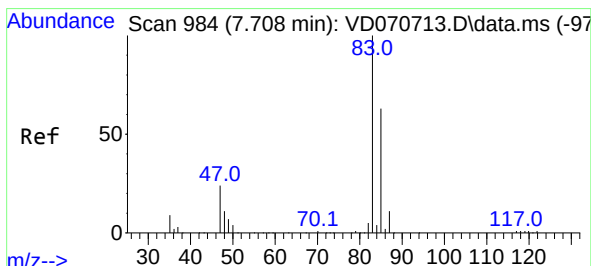
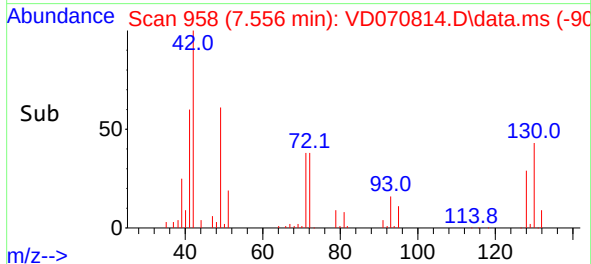
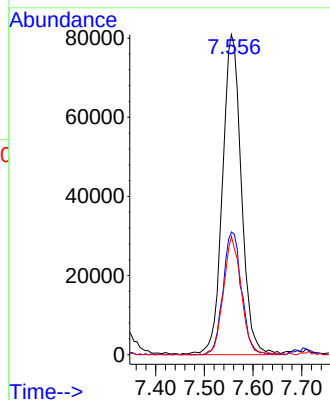
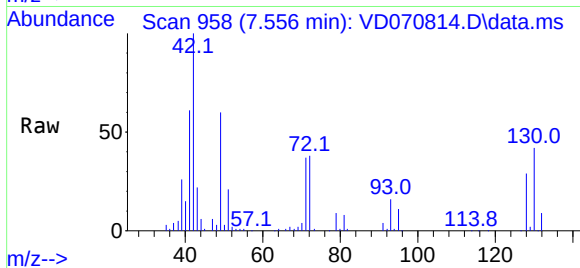
VSTDCCC050

Manual Integrations

APPROVED

MMDadoda

10/25/2021 11:57:17 AM



#30

Chloroform

Concen: 47.716 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD070814.D

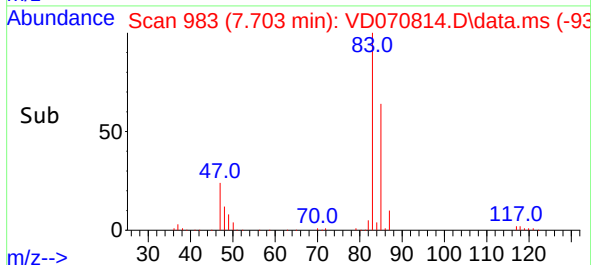
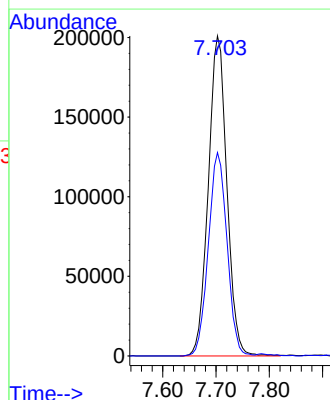
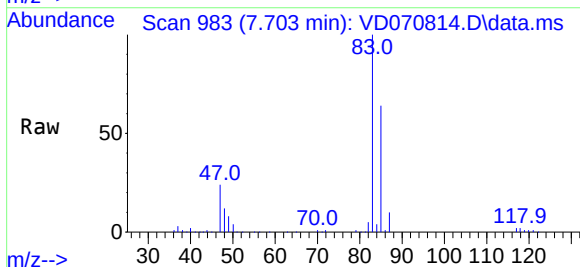
Acq: 22 Oct 2021 09:59

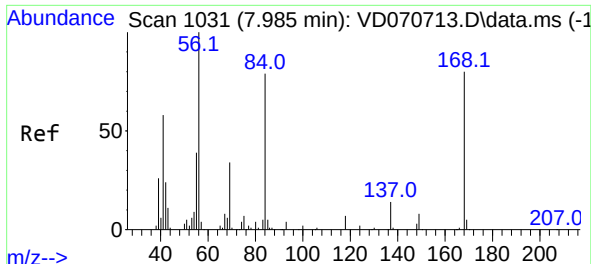
Tgt Ion: 83 Resp: 487099

Ion Ratio Lower Upper

83 100

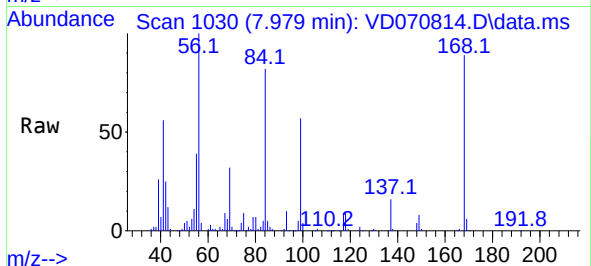
85 63.6 51.2 76.8





#31
Cyclohexane
Concen: 46.599 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

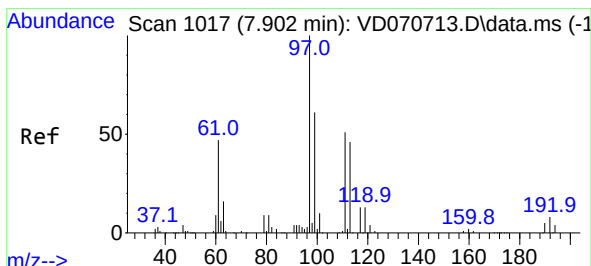
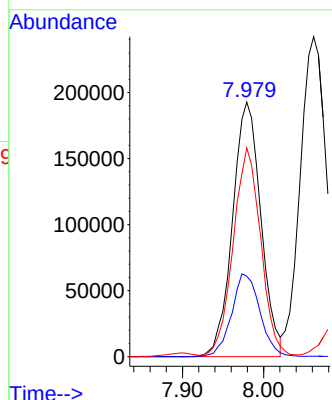
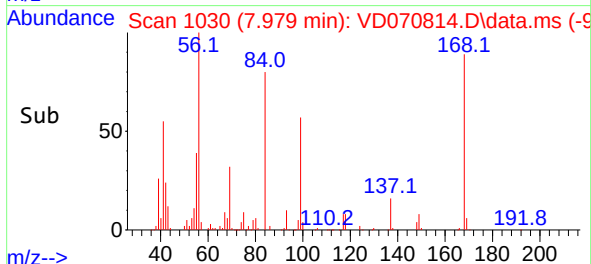
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



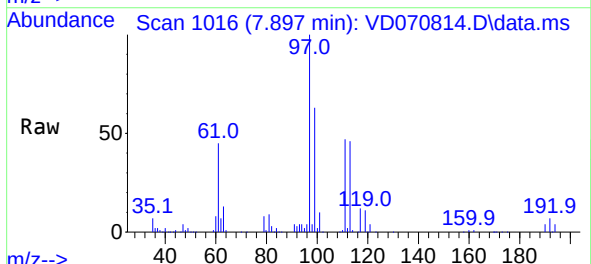
Tgt Ion: 56 Resp: 467519
Ion Ratio Lower Upper
56 100
69 31.6 27.4 41.2
84 80.6 73.6 110.4

Manual Integrations
APPROVED

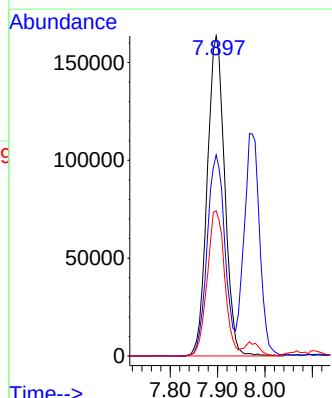
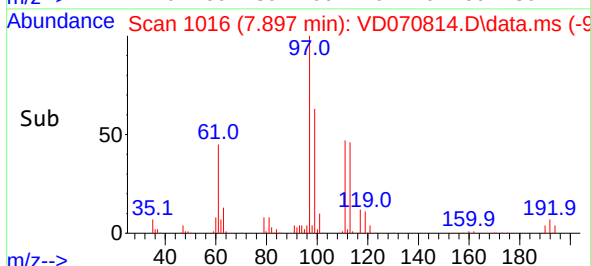
MMDadoda
10/25/2021 11:57:17 AM

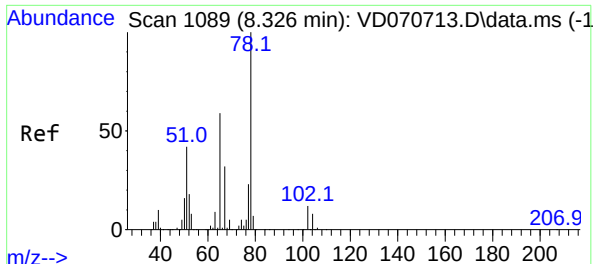


#32
1,1,1-Trichloroethane
Concen: 48.319 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



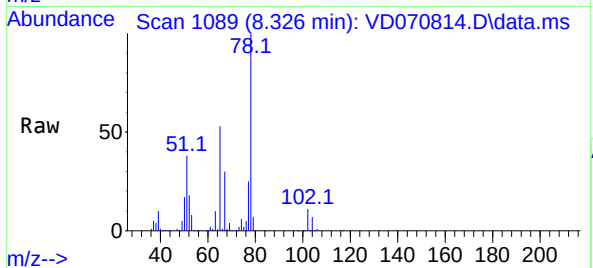
Tgt Ion: 97 Resp: 418445
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 45.4 32.5 48.7





#33
1,2-Dichloroethane-d4
Concen: 49.762 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

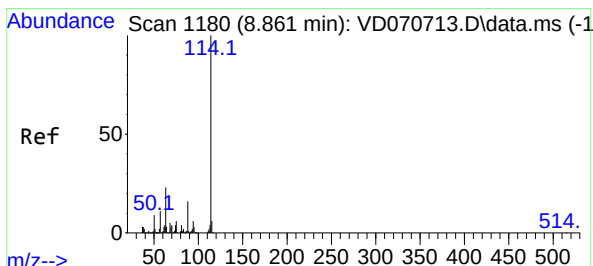
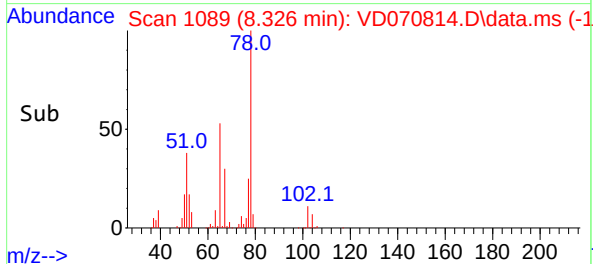
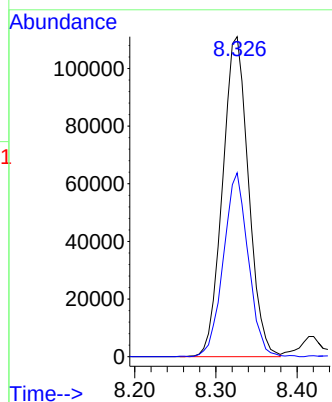
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



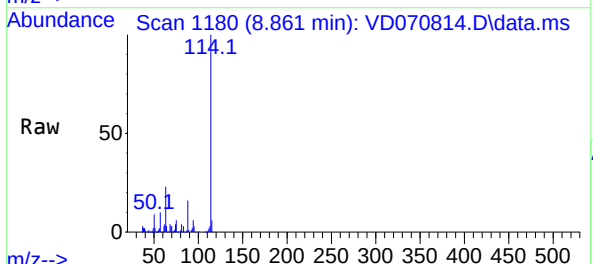
Tgt Ion: 65 Resp: 246767
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2

Manual Integrations
APPROVED

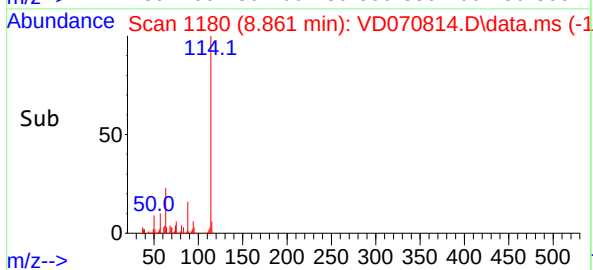
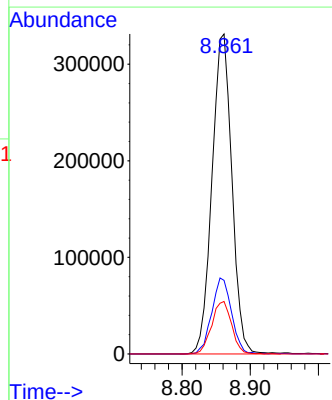
MMDadoda
10/25/2021 11:57:17 AM

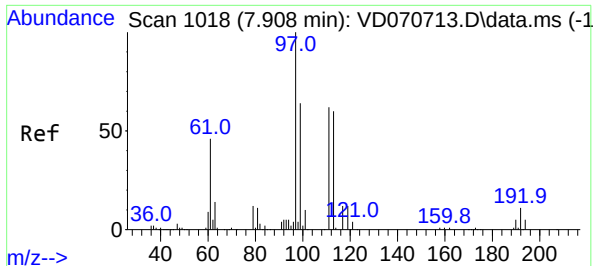


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



Tgt Ion: 114 Resp: 672572
Ion Ratio Lower Upper
114 100
63 23.0 0.0 41.8
88 16.4 0.0 32.6





#35

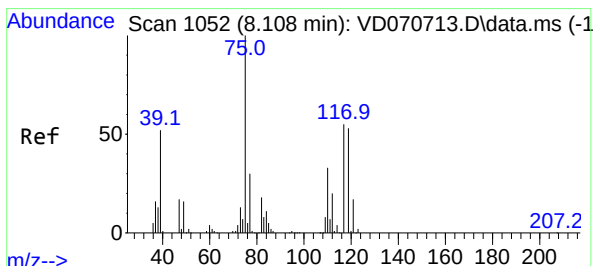
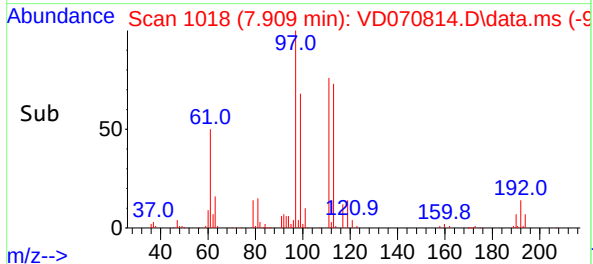
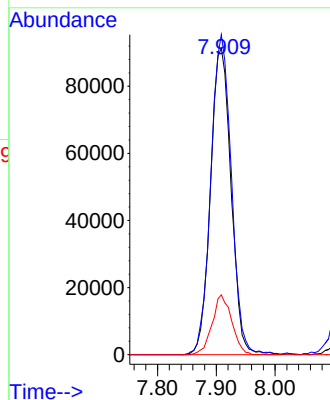
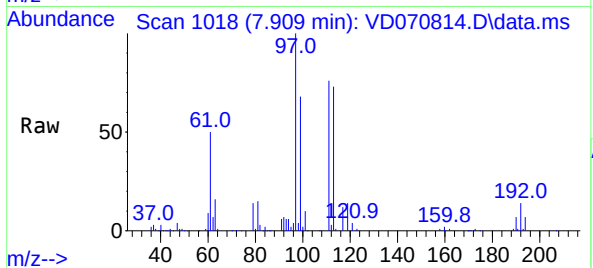
Dibromofluoromethane
Concen: 51.591 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion:113 Resp: 222177
Ion Ratio Lower Upper
113 100
111 104.2 83.1 124.7
192 18.5 12.7 19.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

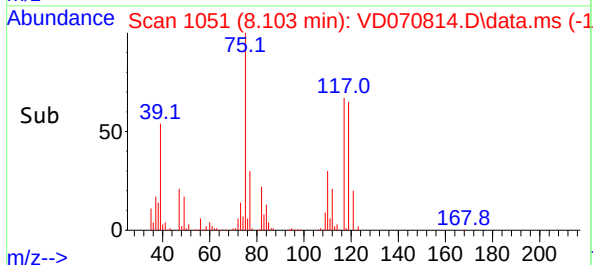
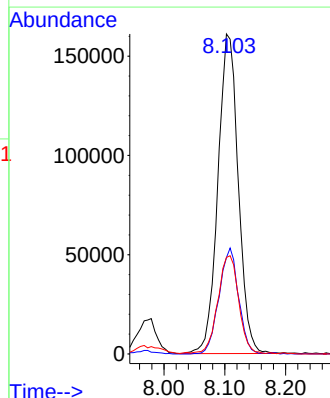
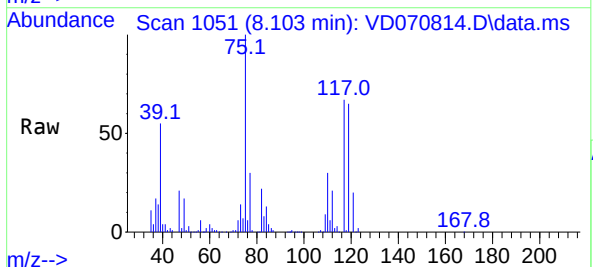
MMDadoda
10/25/2021 11:57:17 AM

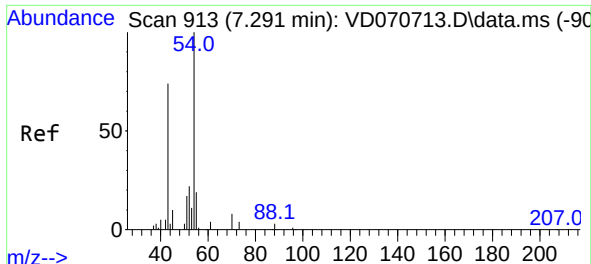


#36

1,1-Dichloropropene
Concen: 49.998 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

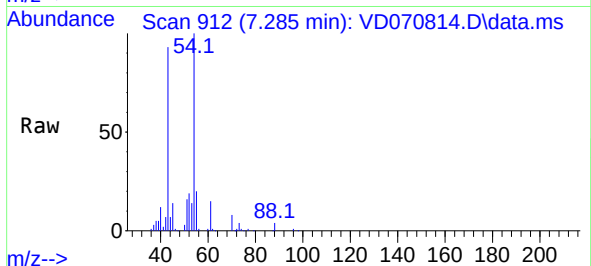
Tgt Ion: 75 Resp: 374613
Ion Ratio Lower Upper
75 100
110 31.7 17.2 51.6
77 31.2 24.2 36.4





#37
Ethyl Acetate
Concen: 49.787 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

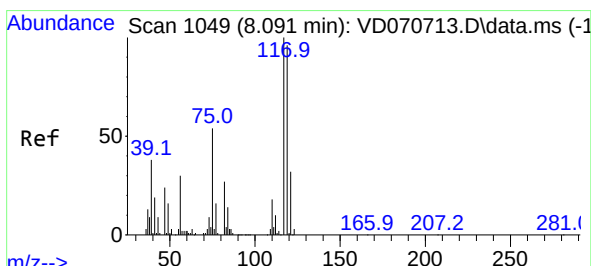
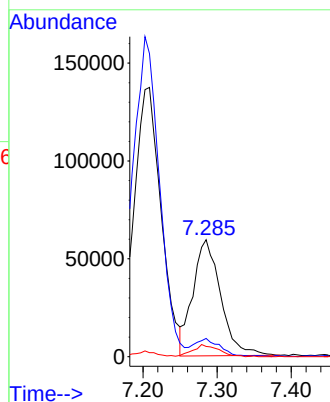
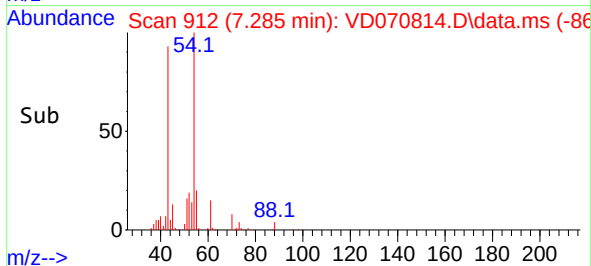
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



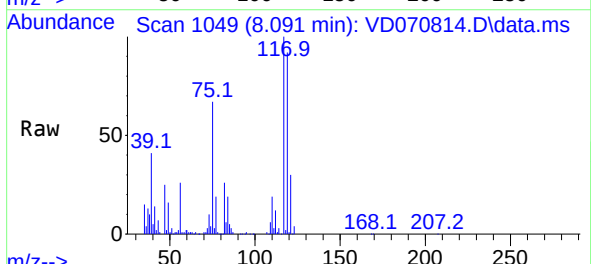
Tgt Ion: 43 Resp: 154544
Ion Ratio Lower Upper
43 100
61 13.4 12.9 19.3
70 9.1 9.9 14.9#

Manual Integrations
APPROVED

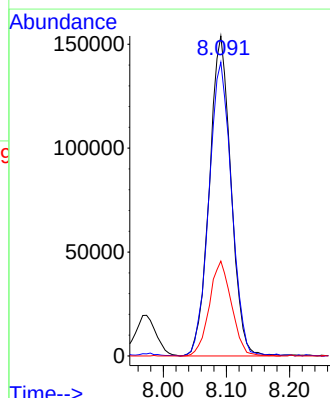
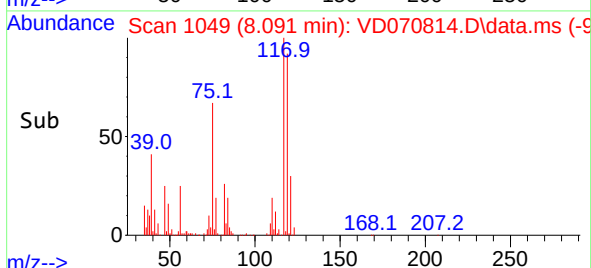
MMDadoda
10/25/2021 11:57:17 AM

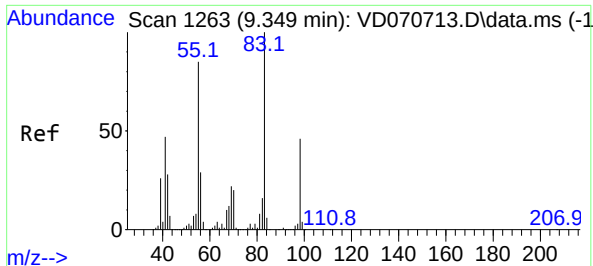


#38
Carbon Tetrachloride
Concen: 51.024 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



Tgt Ion: 117 Resp: 366168
Ion Ratio Lower Upper
117 100
119 91.8 77.4 116.0
121 29.6 25.4 38.0





#39

Methylcyclohexane

Concen: 50.630 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. 0.001 min

Lab File: VD070814.D

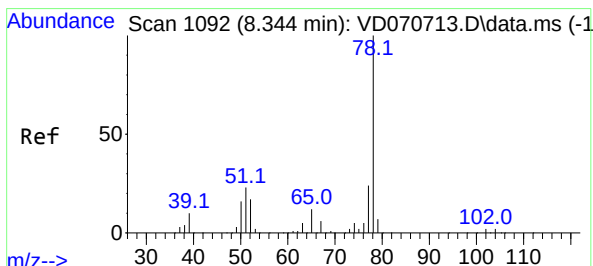
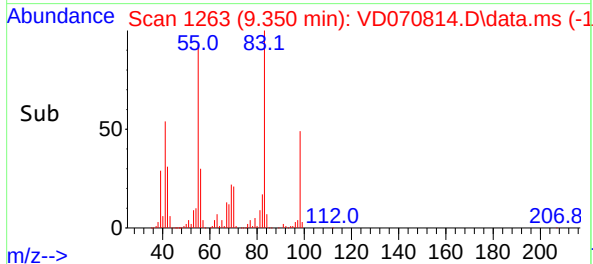
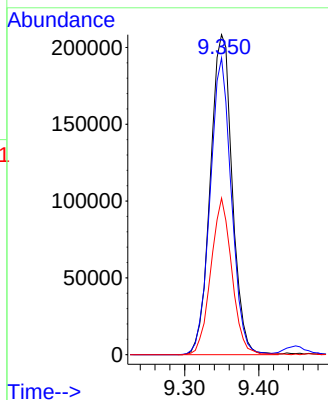
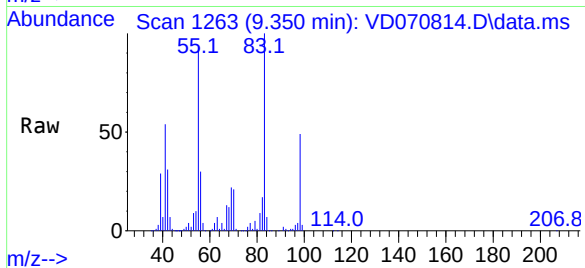
Acq: 22 Oct 2021 09:59

Tgt Ion:	83	Resp:	427794
Ion	Ratio	Lower	Upper
83	100		
55	92.7	58.2	87.4#
98	48.9	36.9	55.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:57:17 AM



#40

Benzene

Concen: 49.530 ug/l

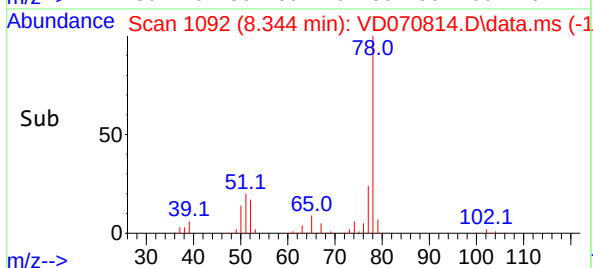
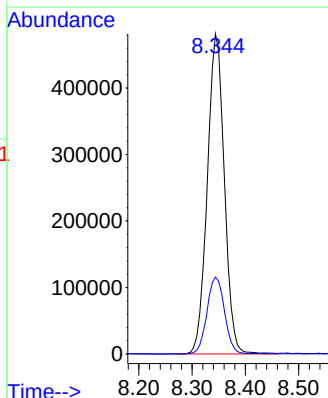
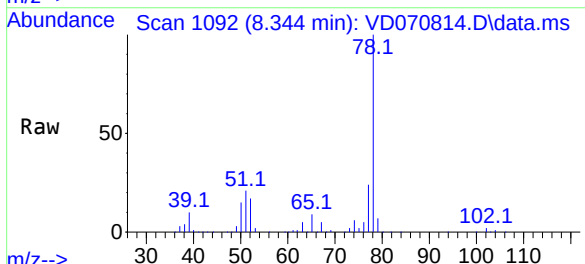
RT: 8.344 min Scan# 1092

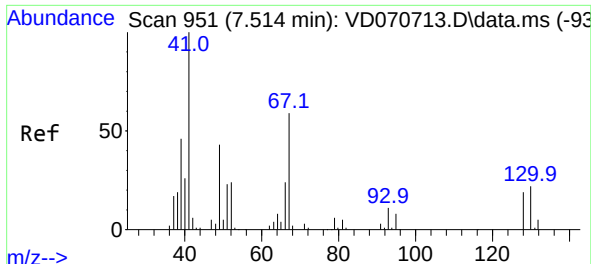
Delta R.T. 0.000 min

Lab File: VD070814.D

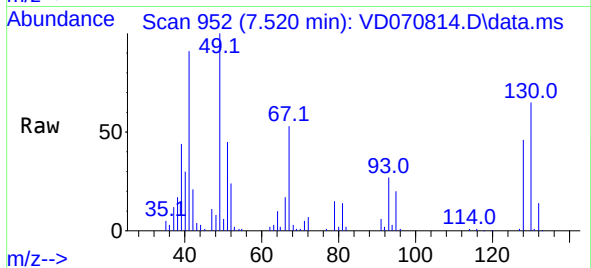
Acq: 22 Oct 2021 09:59

Tgt Ion:	78	Resp:	1068782
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.9	28.3

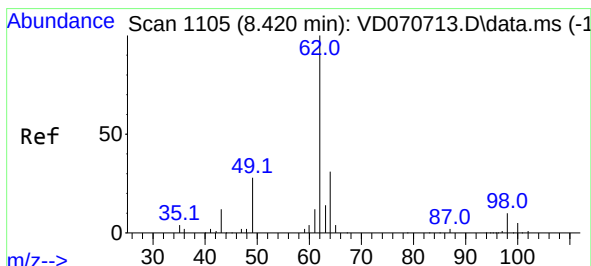
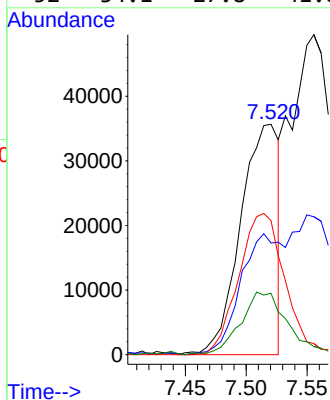
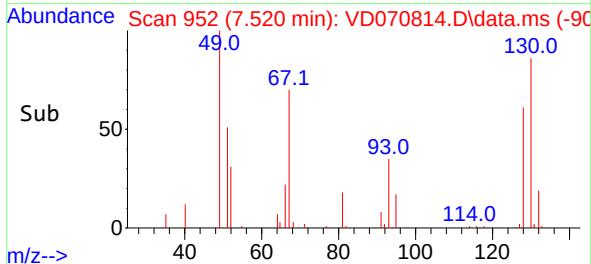




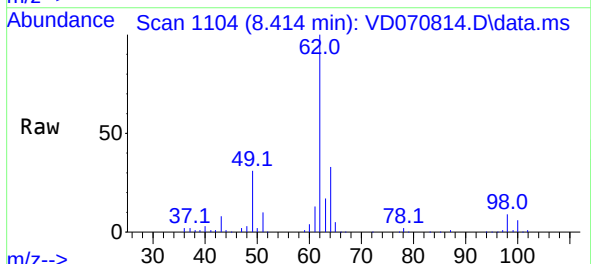
#41
Methacrylonitrile
Concen: 40.358 ug/l
RT: 7.520 min Scan# 952
Delta R.T. 0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



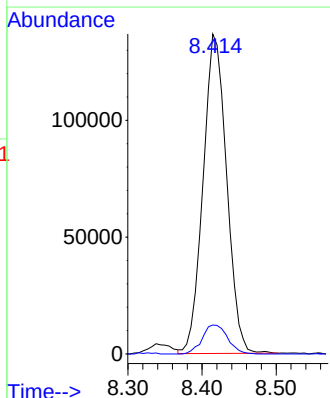
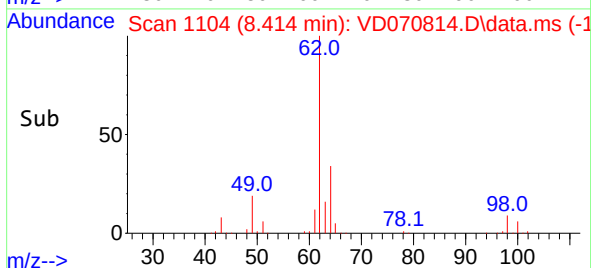
Tgt Ion: 41 Resp: 78238
Ion Ratio Lower Upper
41 100
39 59.2 45.2 67.8
67 73.7 75.8 113.6#
52 34.1 27.8 41.8



#42
1,2-Dichloroethane
Concen: 49.271 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



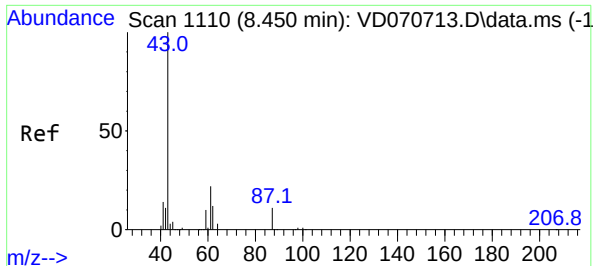
Tgt Ion: 62 Resp: 301746
Ion Ratio Lower Upper
62 100
98 9.8 0.0 22.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

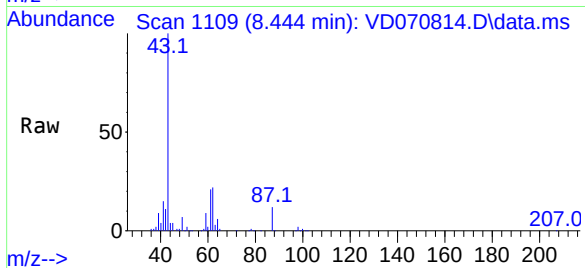
Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:57:17 AM



#43
Isopropyl Acetate
Concen: 47.370 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

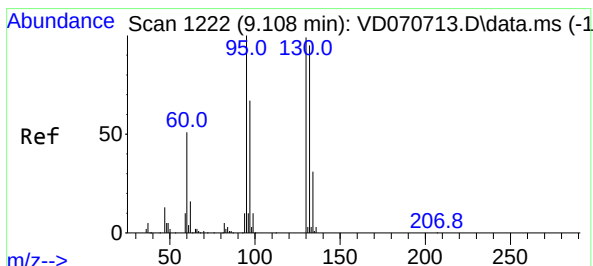
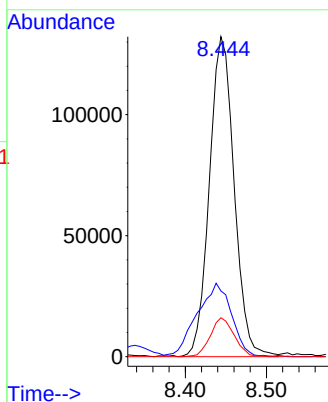
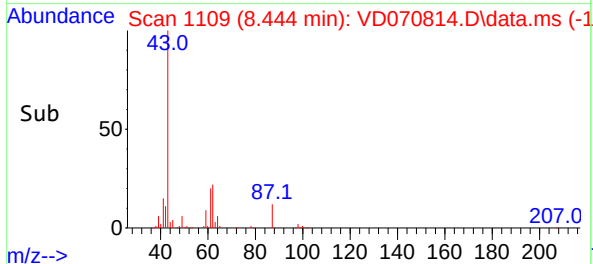
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



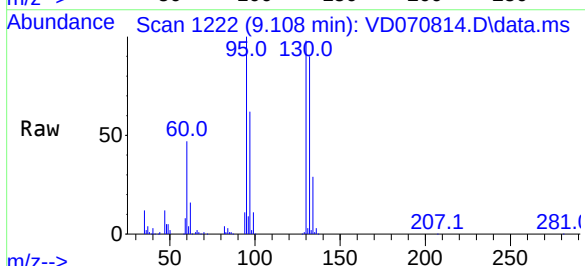
Tgt Ion: 43 Resp: 280492
Ion Ratio Lower Upper
43 100
61 31.6 29.0 43.4
87 11.7 11.8 17.6#

Manual Integrations
APPROVED

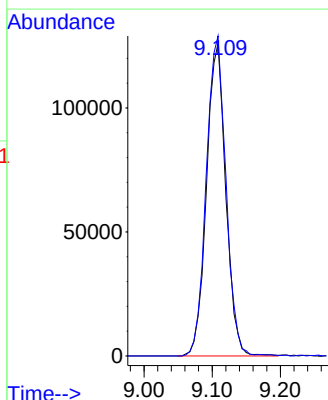
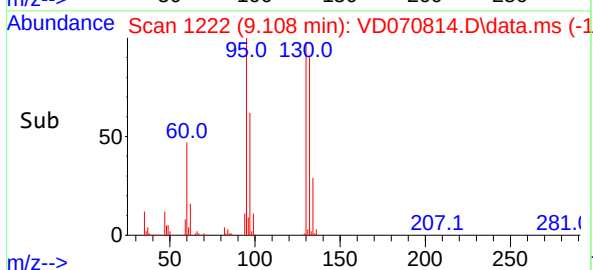
MMDadoda
10/25/2021 11:57:17 AM

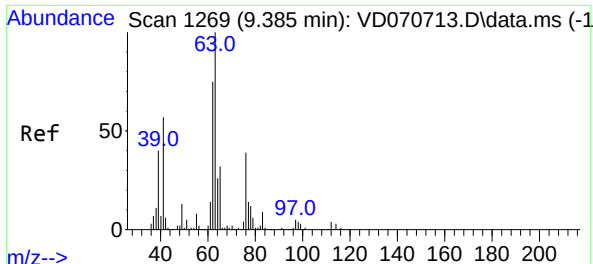


#44
Trichloroethene
Concen: 48.860 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



Tgt Ion: 130 Resp: 247585
Ion Ratio Lower Upper
130 100
95 102.4 0.0 200.8





#45

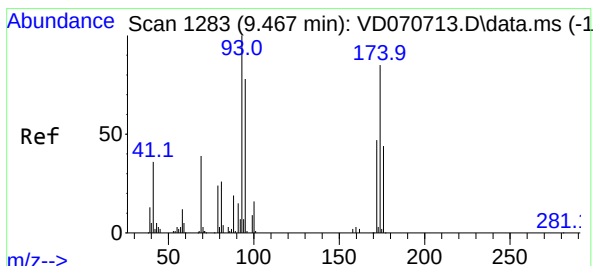
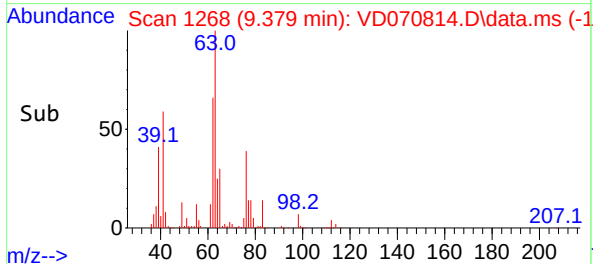
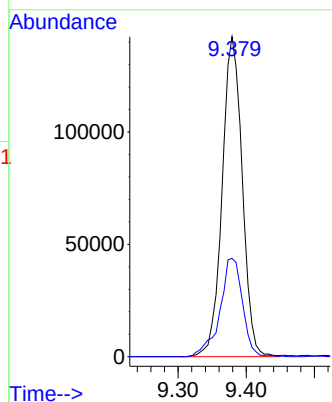
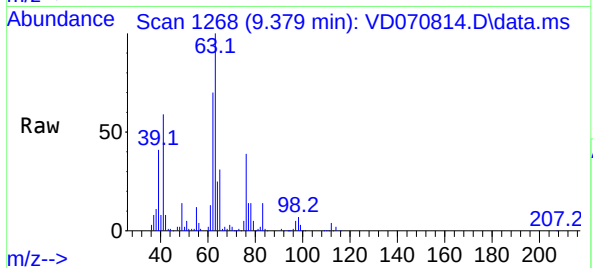
1,2-Dichloropropane
Concen: 51.236 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 63 Resp: 292112
Ion Ratio Lower Upper
63 100
65 30.7 23.8 35.8

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

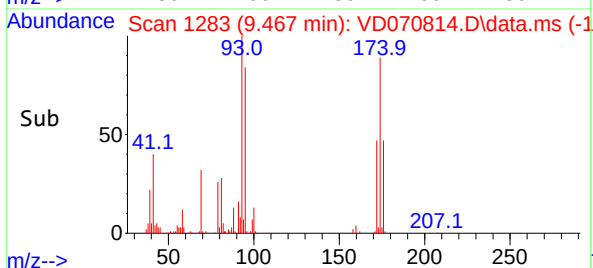
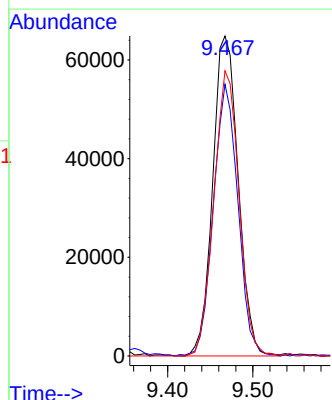
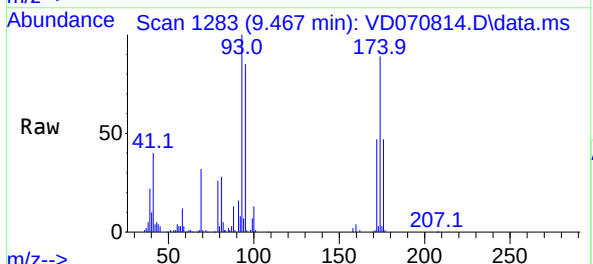
MMDadoda
10/25/2021 11:57:17 AM

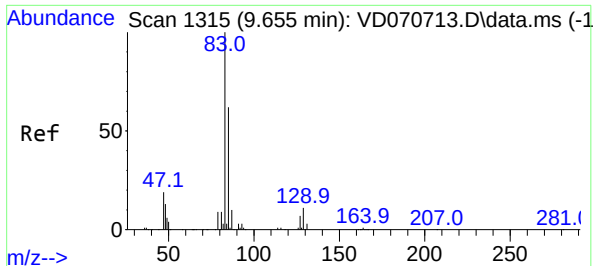


#46

Dibromomethane
Concen: 49.376 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 93 Resp: 134807
Ion Ratio Lower Upper
93 100
95 81.8 66.5 99.7
174 87.9 66.7 100.1





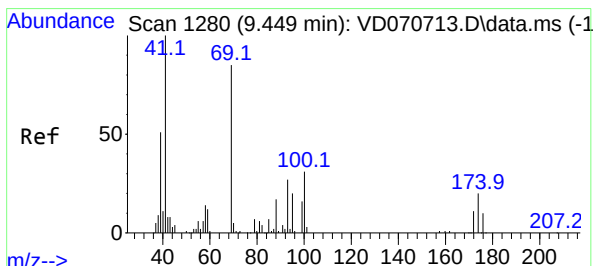
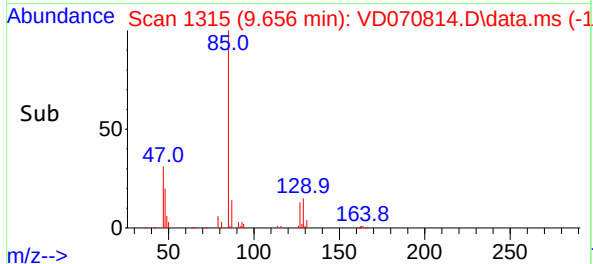
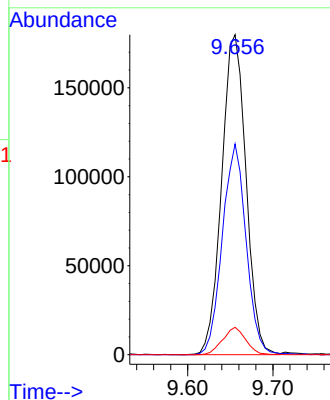
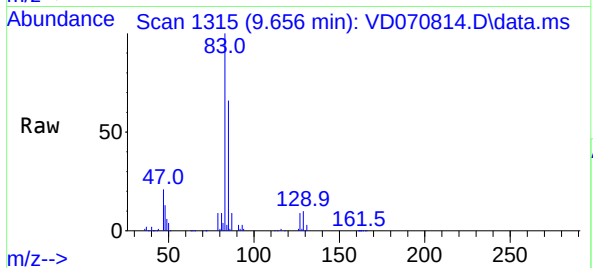
#47
Bromodichloromethane
Concen: 49.313 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 83 Resp: 357157
Ion Ratio Lower Upper
83 100
85 65.8 50.7 76.1
127 8.5 6.5 9.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

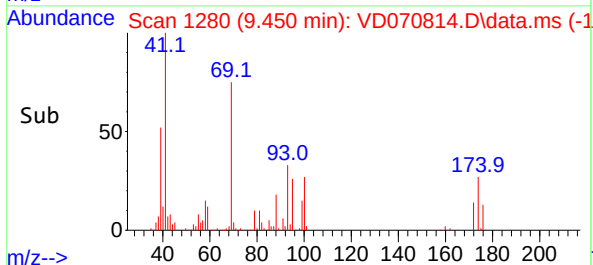
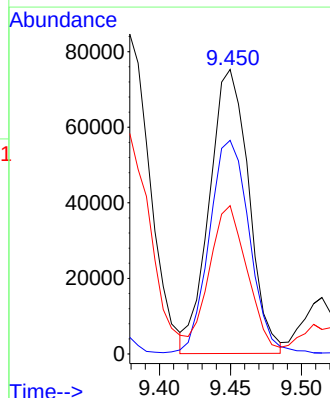
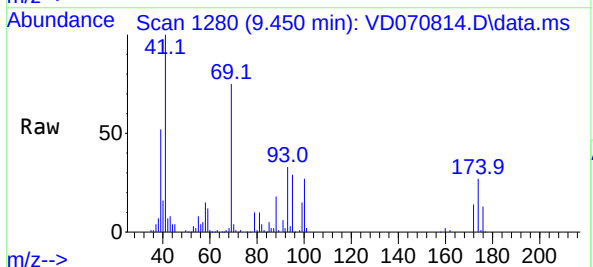
Manual Integrations
APPROVED

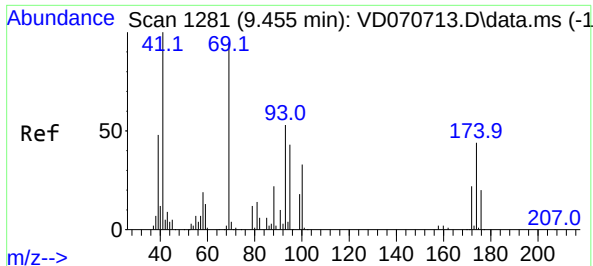
MMDadoda
10/25/2021 11:57:17 AM



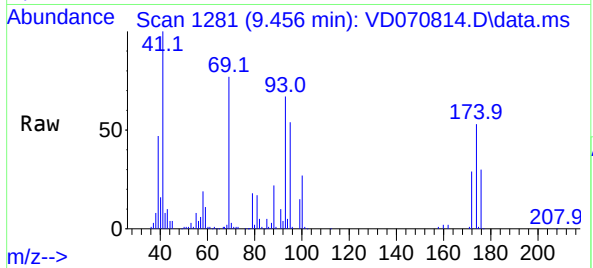
#48
Methyl methacrylate
Concen: 49.936 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 41 Resp: 144847
Ion Ratio Lower Upper
41 100
69 76.7 78.5 117.7#
39 46.0 34.9 52.3

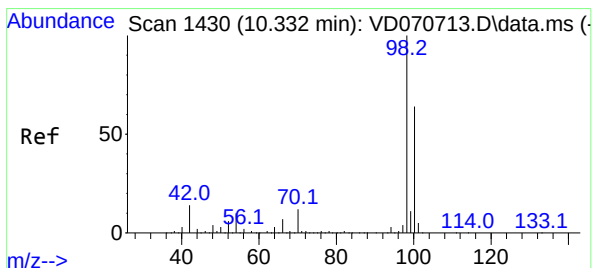
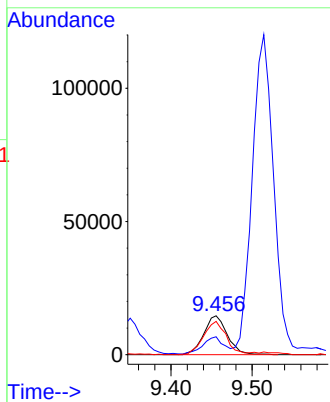
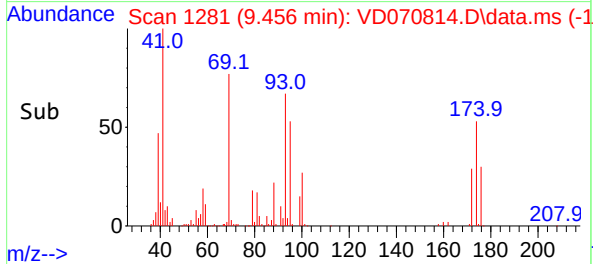




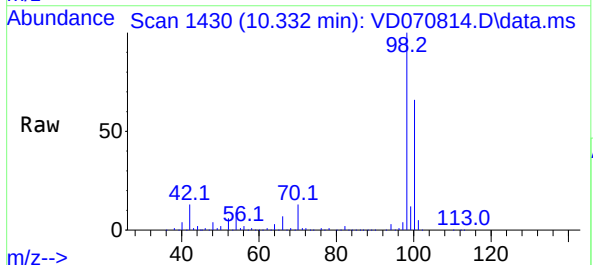
#49
1,4-Dioxane
Concen: 998.986 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



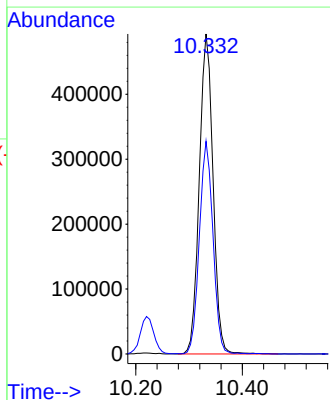
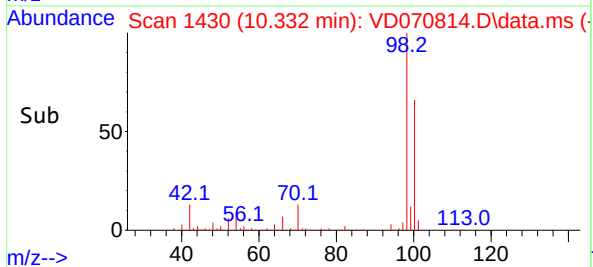
Tgt Ion: 88 Resp: 29286
Ion Ratio Lower Upper
88 100
43 38.9 25.1 37.7#
58 83.3 57.4 86.0



#50
Toluene-d8
Concen: 53.443 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



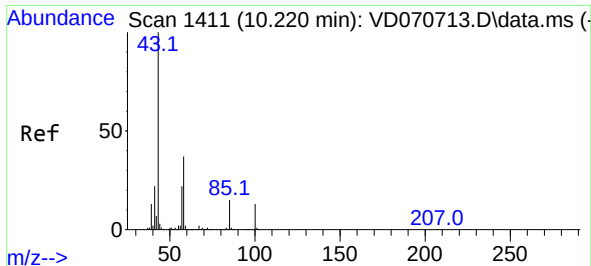
Tgt Ion: 98 Resp: 882264
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:57:17 AM



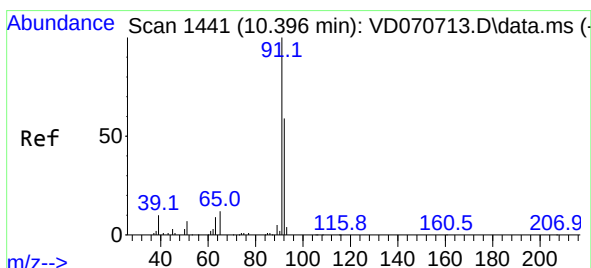
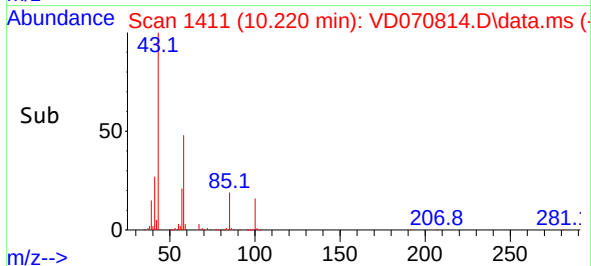
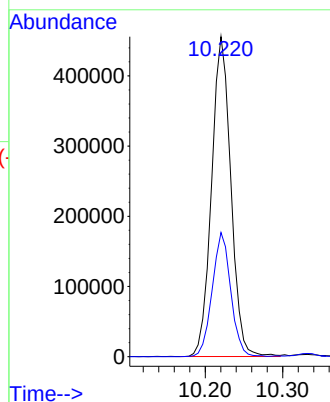
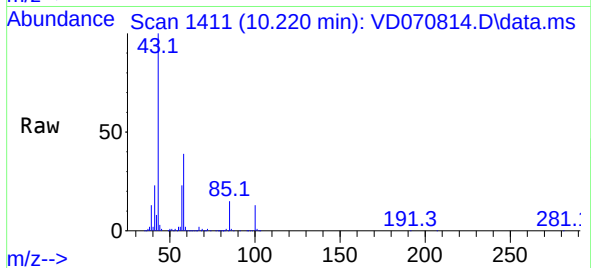
#51
4-Methyl-2-Pentanone
Concen: 252.753 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 43 Resp: 788847
Ion Ratio Lower Upper
43 100
58 37.4 35.0 52.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

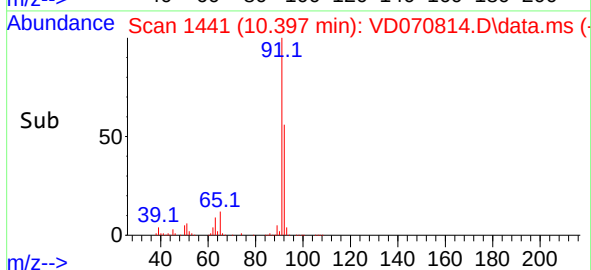
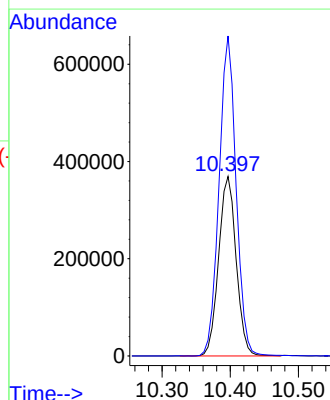
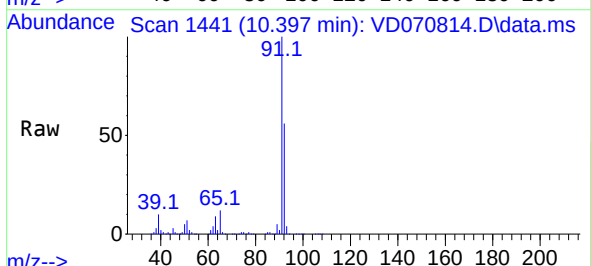
Manual Integrations
APPROVED

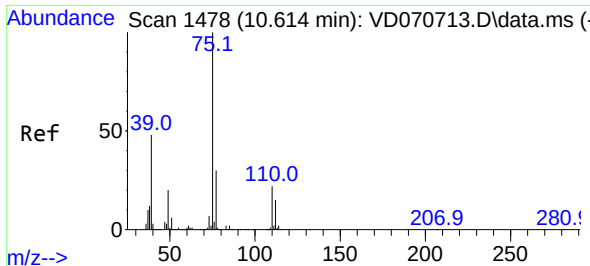
MMDadoda
10/25/2021 11:57:17 AM



#52
Toluene
Concen: 51.447 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 92 Resp: 660942
Ion Ratio Lower Upper
92 100
91 173.4 136.3 204.5





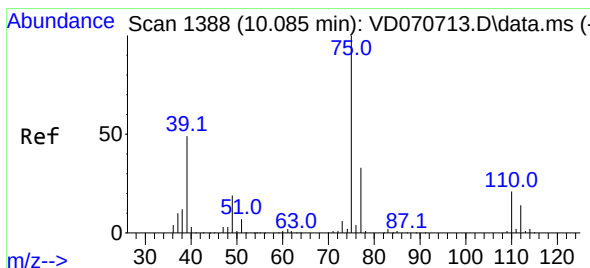
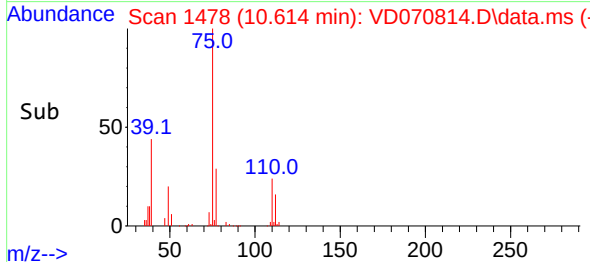
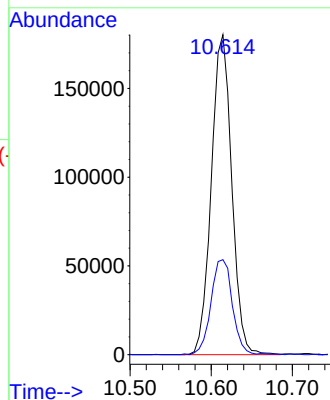
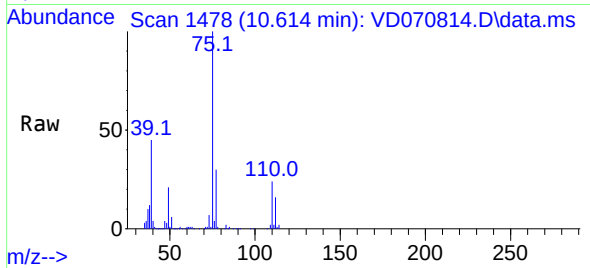
#53
t-1,3-Dichloropropene
Concen: 48.684 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 75 Resp: 314957
Ion Ratio Lower Upper
75 100
77 29.7 25.5 38.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

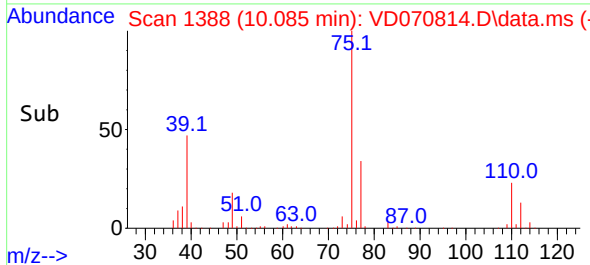
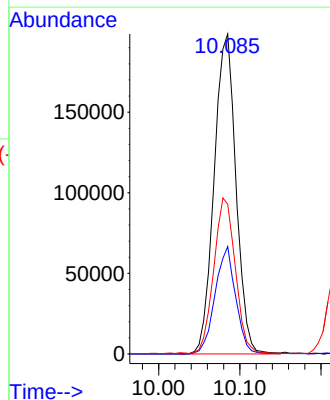
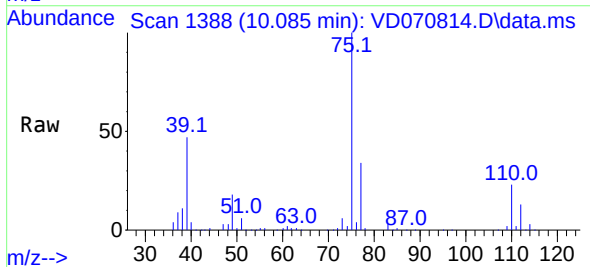
Manual Integrations
APPROVED

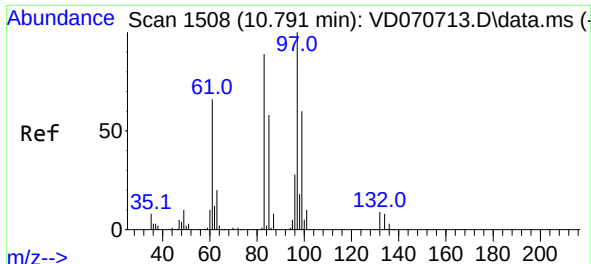
MMDadoda
10/25/2021 11:57:17 AM



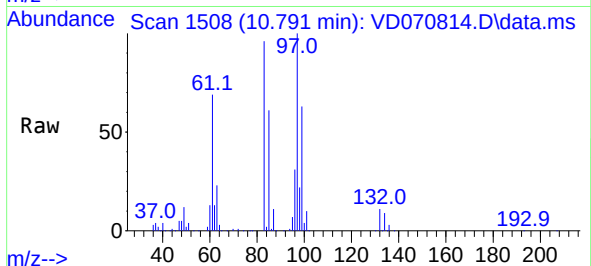
#54
cis-1,3-Dichloropropene
Concen: 47.927 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 75 Resp: 371165
Ion Ratio Lower Upper
75 100
77 33.5 25.2 37.8
39 46.6 27.8 41.6#

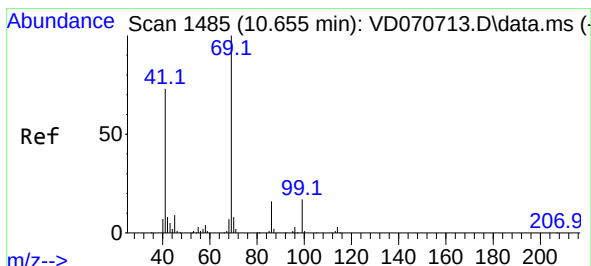
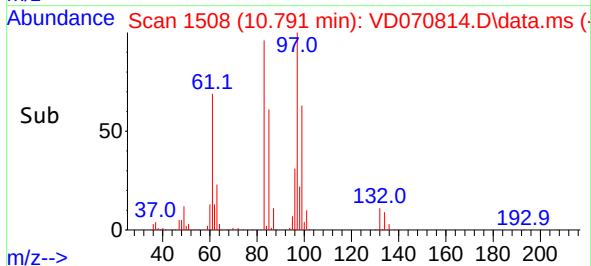
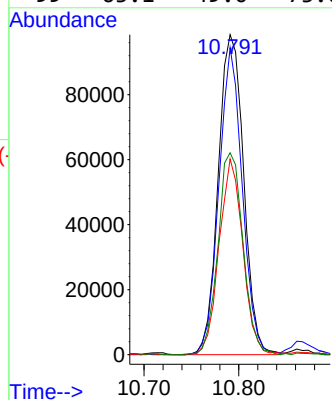




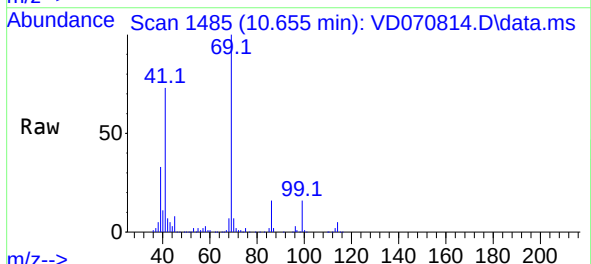
#55
1,1,2-Trichloroethane
Concen: 48.911 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



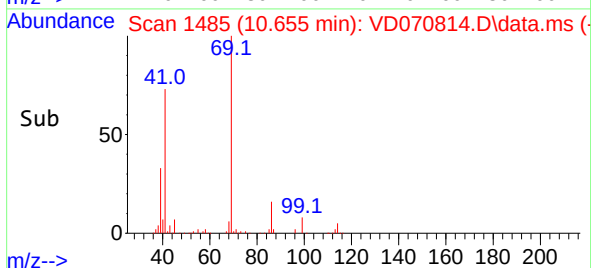
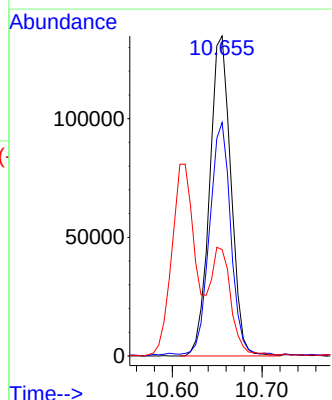
Tgt Ion:	97	Resp:	183400
Ion	Ratio	Lower	Upper
97	100		
83	95.9	69.1	103.7
85	61.1	43.0	64.6
99	63.1	49.0	73.6



#56
Ethyl methacrylate
Concen: 44.130 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



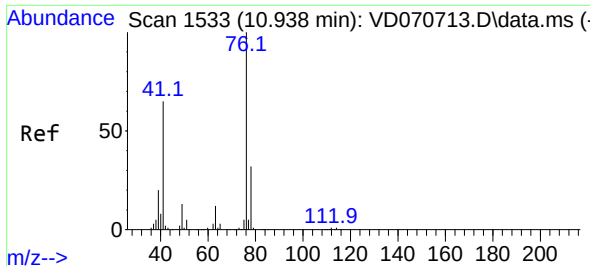
Tgt Ion:	69	Resp:	222410
Ion	Ratio	Lower	Upper
69	100		
41	72.0	44.7	67.1#
39	30.4	19.5	29.3#



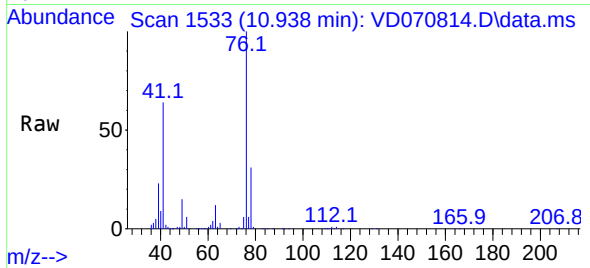
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

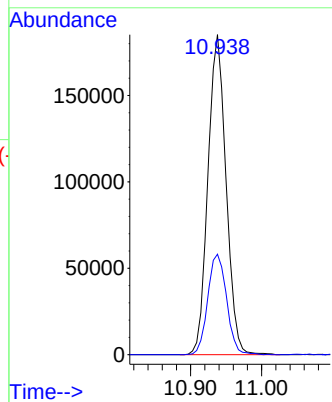
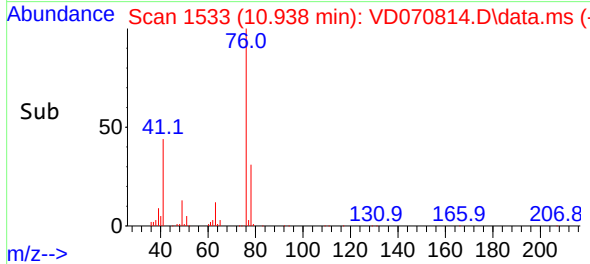
MMDadoda
10/25/2021 11:57:17 AM



#57
1,3-Dichloropropane
Concen: 49.351 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



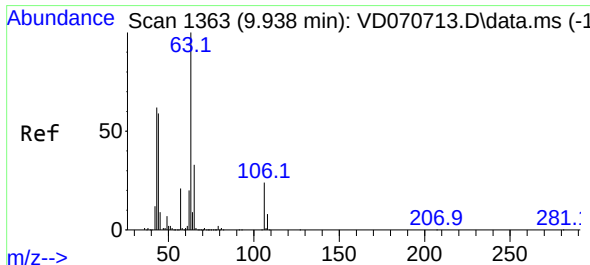
Tgt Ion: 76 Resp: 328326
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9



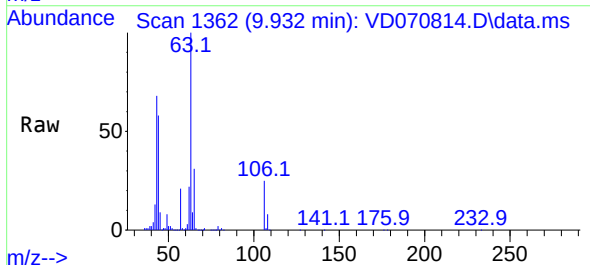
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

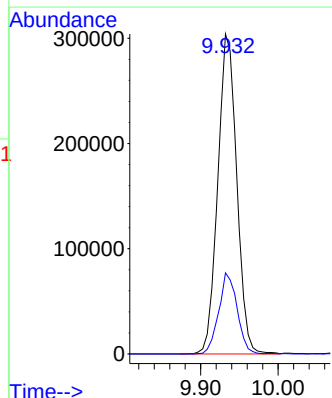
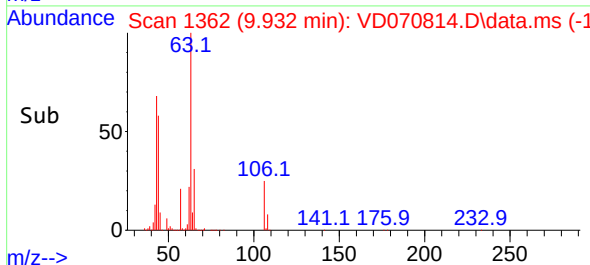
MMDadoda
10/25/2021 11:57:17 AM

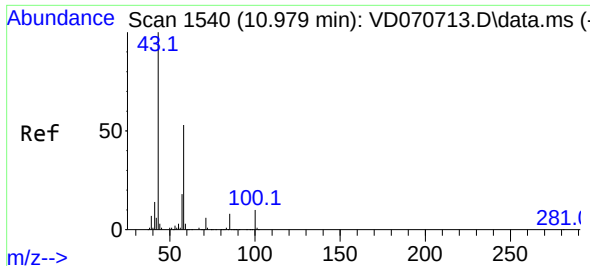


#58
2-Chloroethyl Vinyl ether
Concen: 261.656 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



Tgt Ion: 63 Resp: 516753
Ion Ratio Lower Upper
63 100
106 24.6 22.3 33.5





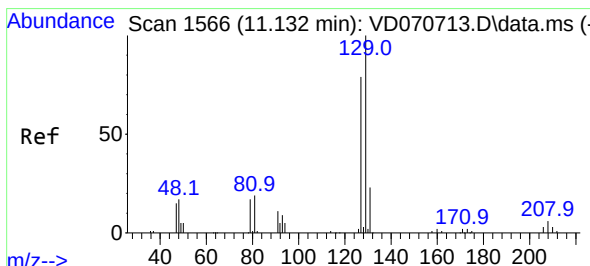
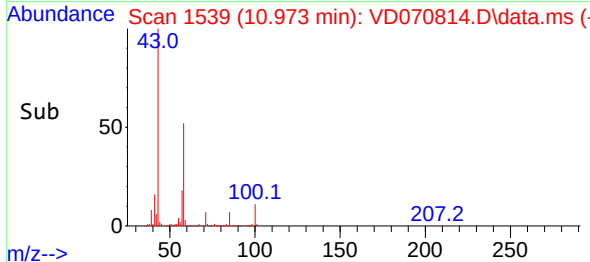
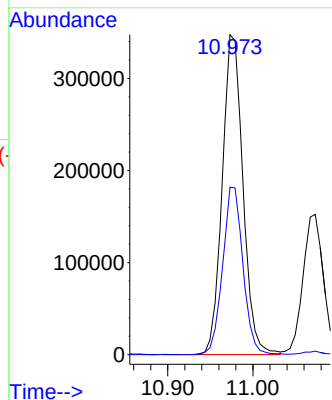
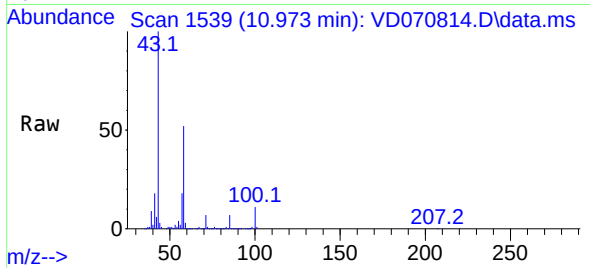
#59
2-Hexanone
Concen: 267.313 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 43 Resp: 587230
Ion Ratio Lower Upper
43 100
58 51.5 30.4 91.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

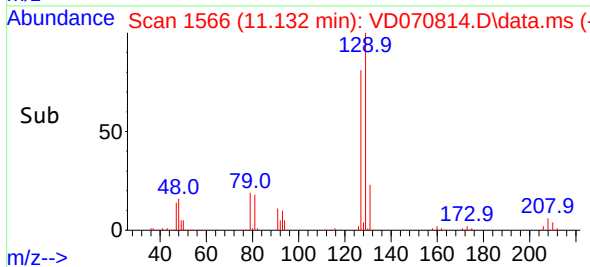
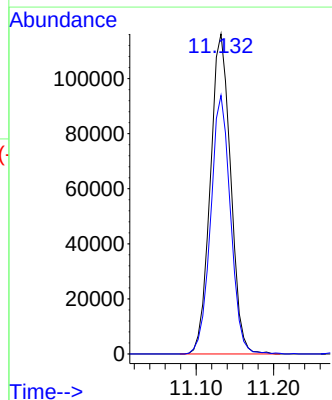
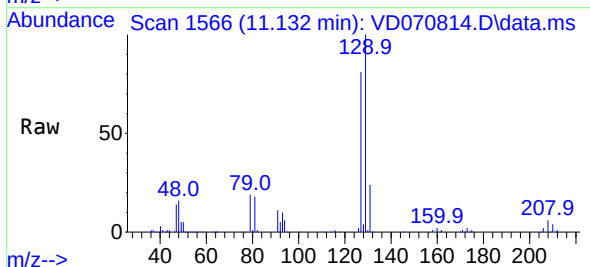
Manual Integrations
APPROVED

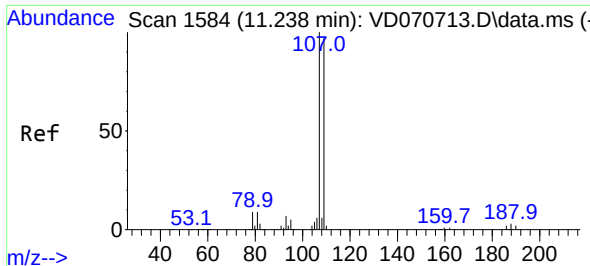
MMDadoda
10/25/2021 11:57:17 AM



#60
Dibromochloromethane
Concen: 49.124 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

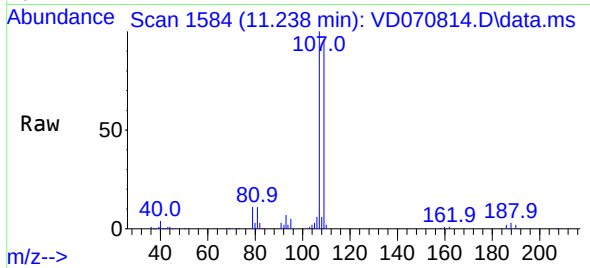
Tgt Ion:129 Resp: 211698
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.8





#61
1,2-Dibromoethane
Concen: 47.693 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

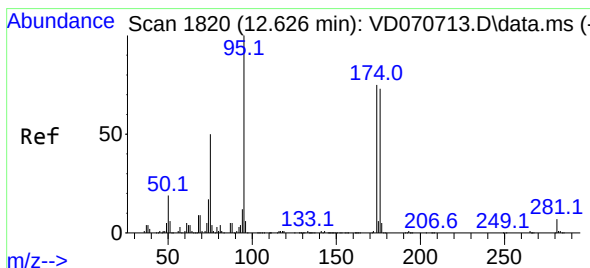
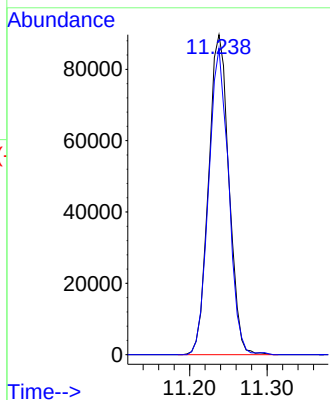
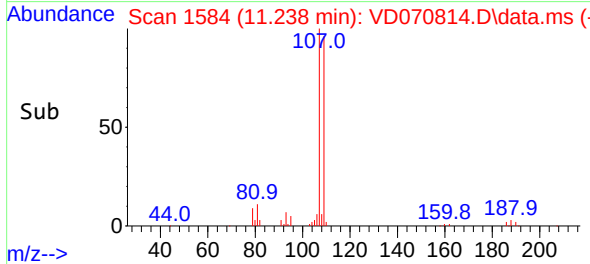
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



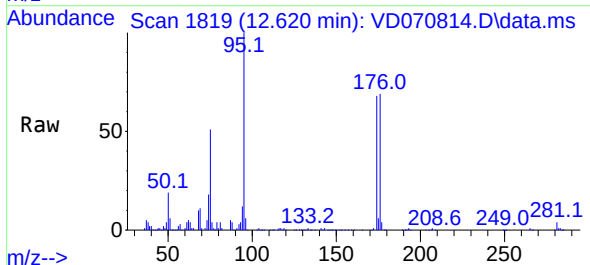
Tgt Ion:107 Resp: 163623
Ion Ratio Lower Upper
107 100
109 93.6 75.0 112.6

Manual Integrations
APPROVED

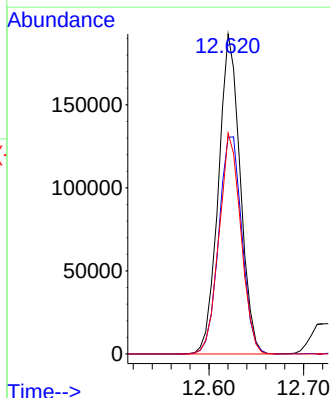
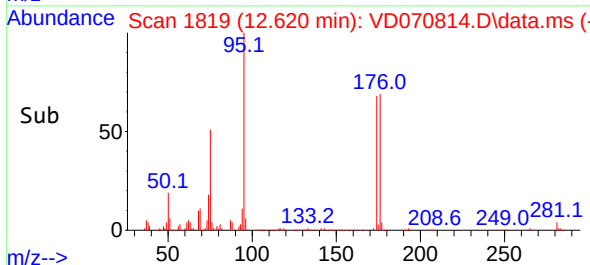
MMDadoda
10/25/2021 11:57:17 AM

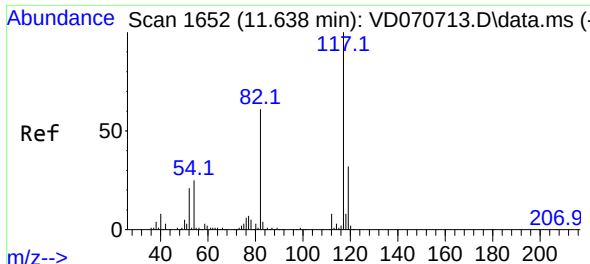


#62
4-Bromofluorobenzene
Concen: 54.133 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



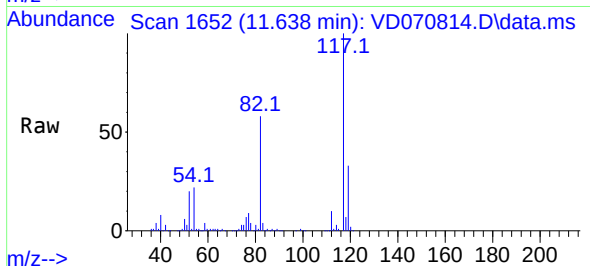
Tgt Ion: 95 Resp: 307708
Ion Ratio Lower Upper
95 100
174 72.3 0.0 138.0
176 69.2 0.0 135.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

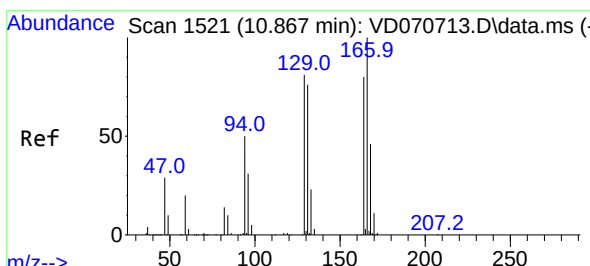
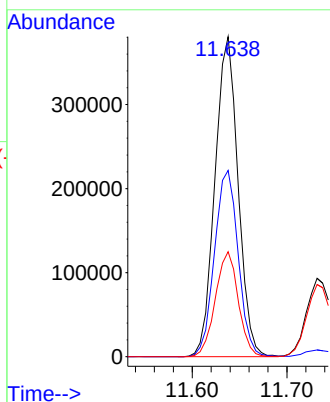
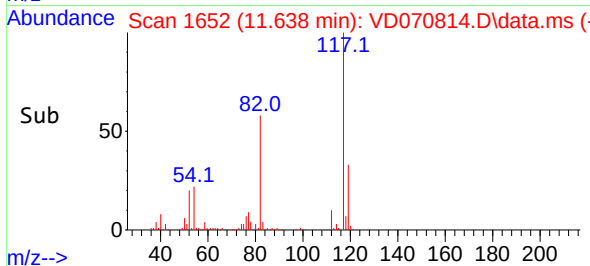
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



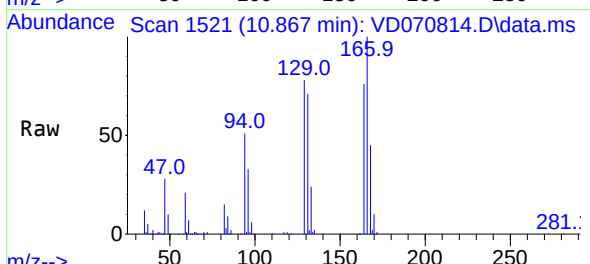
Tgt Ion:117 Resp: 645786
Ion Ratio Lower Upper
117 100
82 58.2 45.4 68.2
119 32.8 24.7 37.1

Manual Integrations
APPROVED

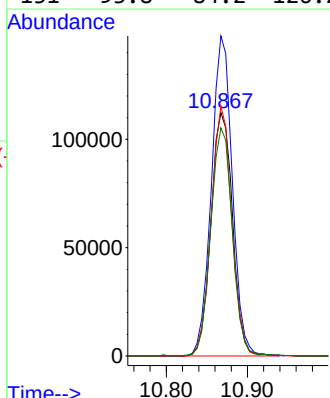
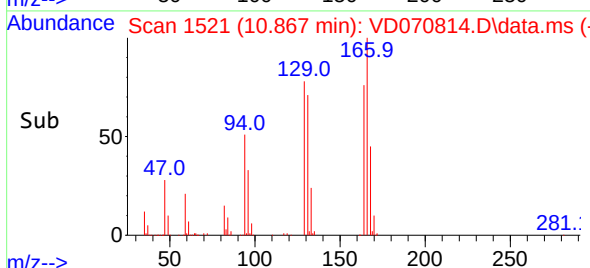
MMDadoda
10/25/2021 11:57:17 AM

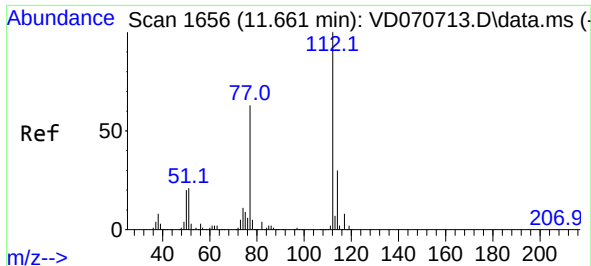


#64
Tetrachloroethene
Concen: 47.621 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



Tgt Ion:164 Resp: 206649
Ion Ratio Lower Upper
164 100
166 131.5 105.8 158.6
129 102.8 83.8 125.6
131 93.8 84.2 126.2





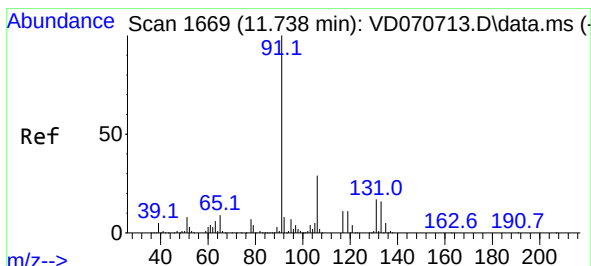
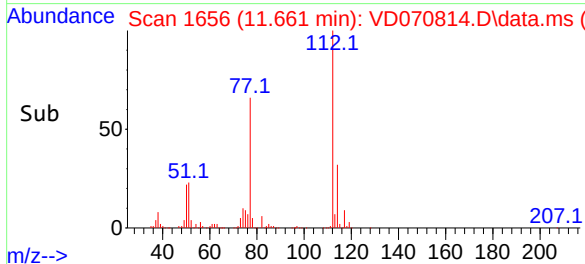
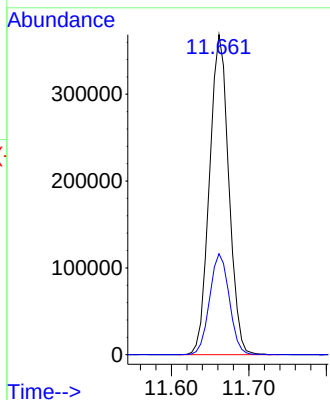
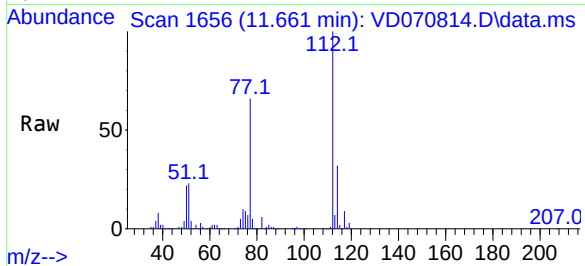
#65
Chlorobenzene
Concen: 48.109 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 637158
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

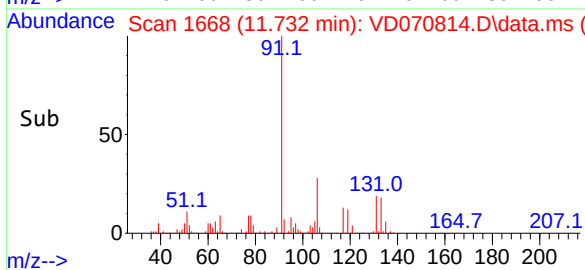
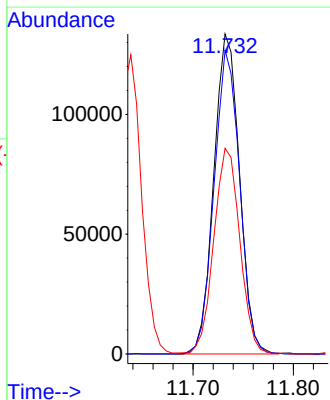
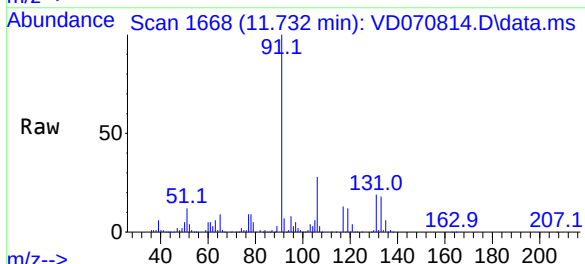
Manual Integrations
APPROVED

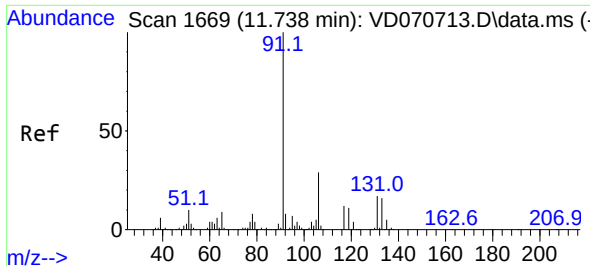
MMDadoda
10/25/2021 11:57:17 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.530 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

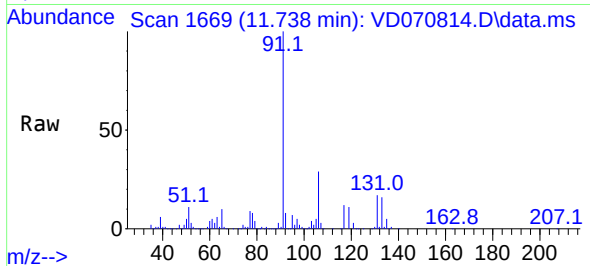
Tgt Ion:131 Resp: 237820
Ion Ratio Lower Upper
131 100
133 94.3 46.8 140.3
119 65.3 32.6 97.7





#67
Ethyl Benzene
Concen: 50.953 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

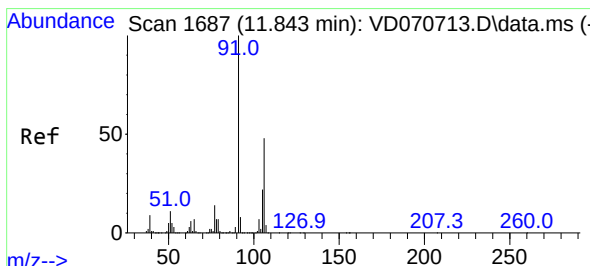
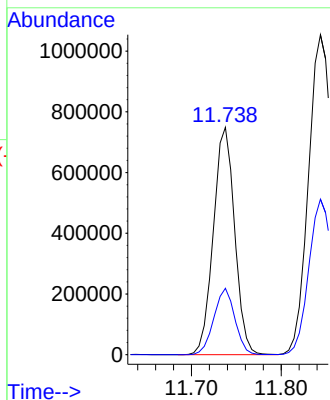
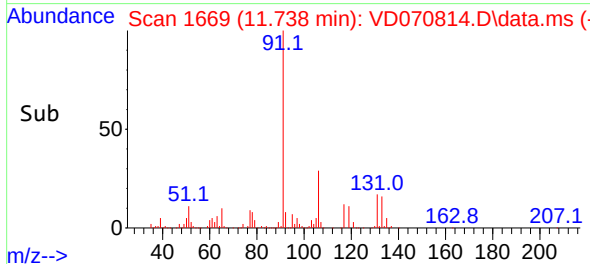
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



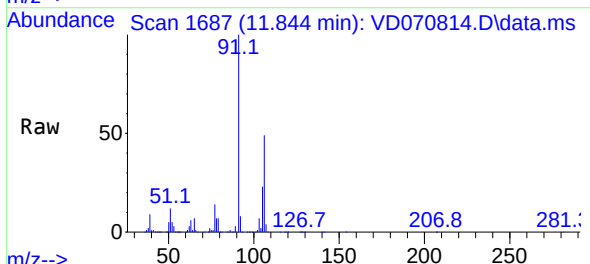
Tgt Ion: 91 Resp: 1233871
Ion Ratio Lower Upper
91 100
106 29.2 24.2 36.2

Manual Integrations
APPROVED

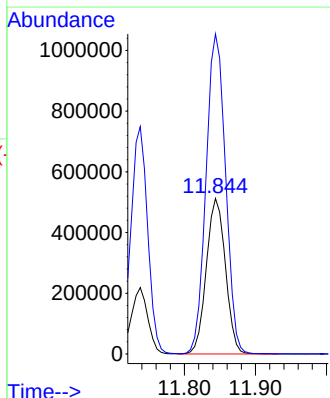
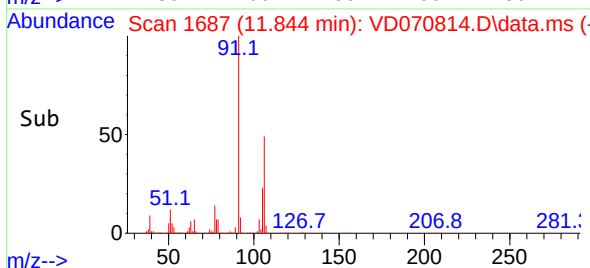
MMDadoda
10/25/2021 11:57:17 AM

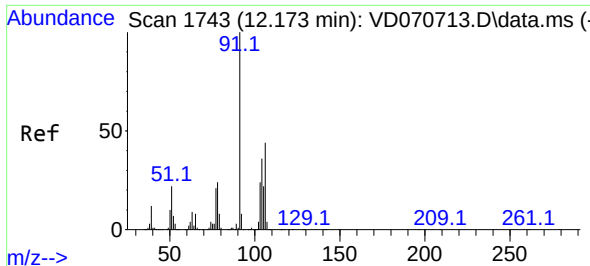


#68
m/p-Xylenes
Concen: 104.303 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



Tgt Ion: 106 Resp: 956880
Ion Ratio Lower Upper
106 100
91 210.1 162.7 244.1





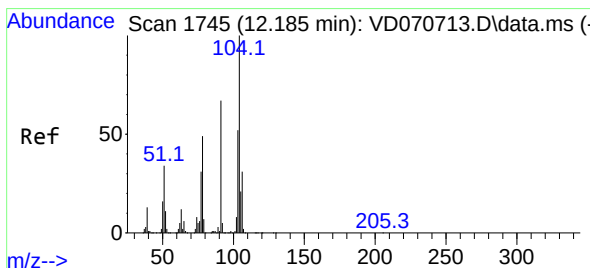
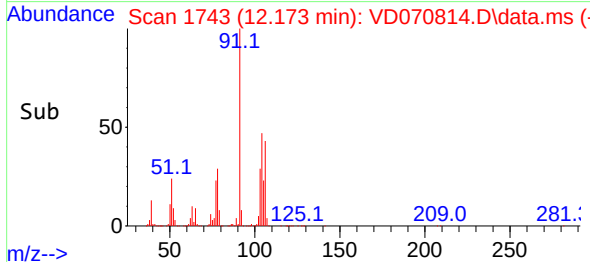
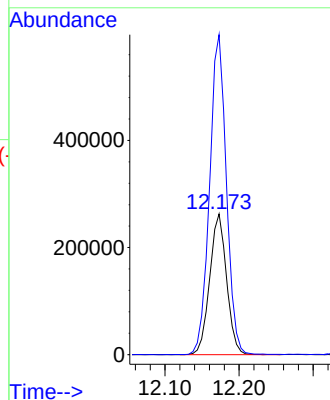
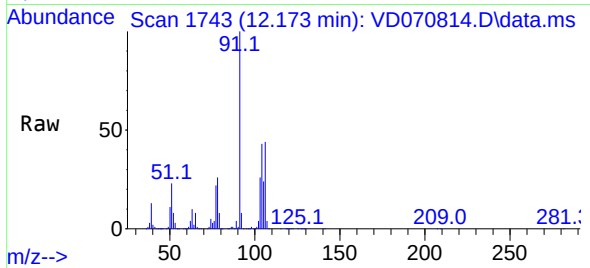
#69
o-Xylene
Concen: 49.903 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion:106 Resp: 415305
Ion Ratio Lower Upper
106 100
91 226.4 107.8 323.6

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

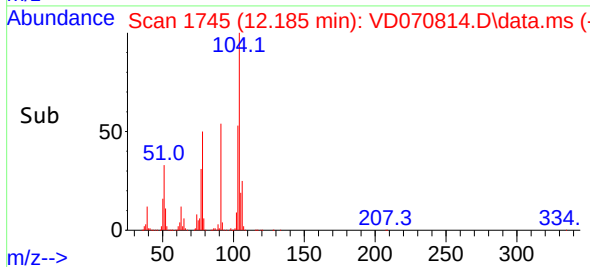
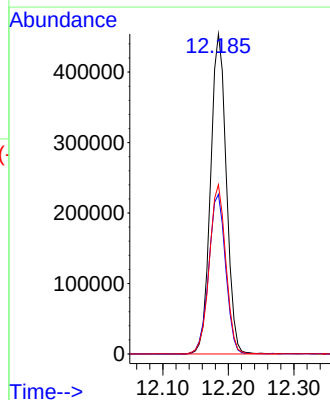
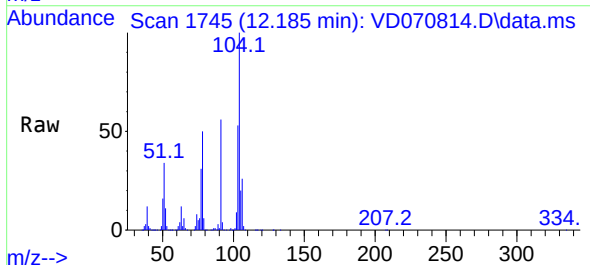
Manual Integrations
APPROVED

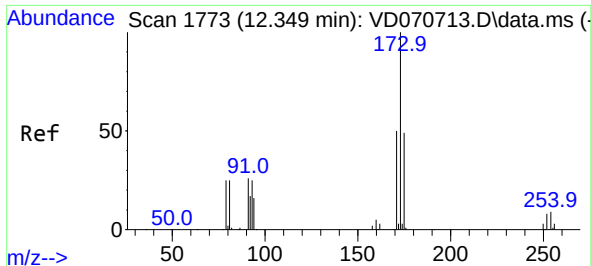
MMDadoda
10/25/2021 11:57:17 AM



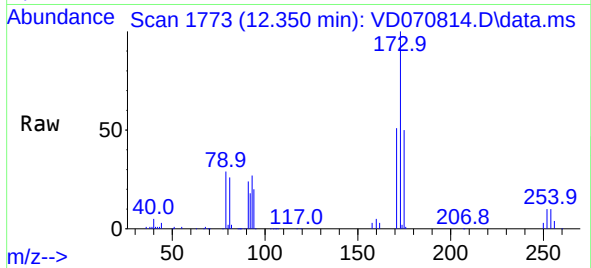
#70
Styrene
Concen: 52.548 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion:104 Resp: 760154
Ion Ratio Lower Upper
104 100
78 53.4 39.8 59.6
103 55.4 43.4 65.2

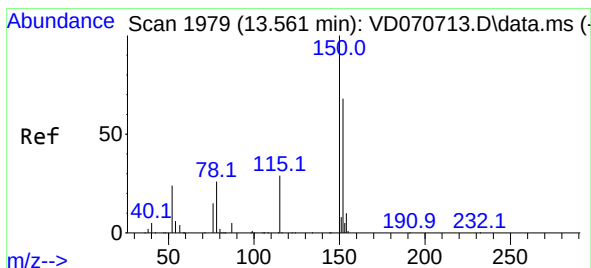
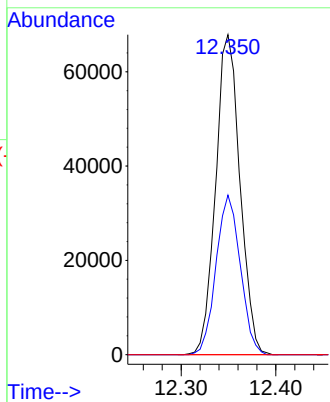
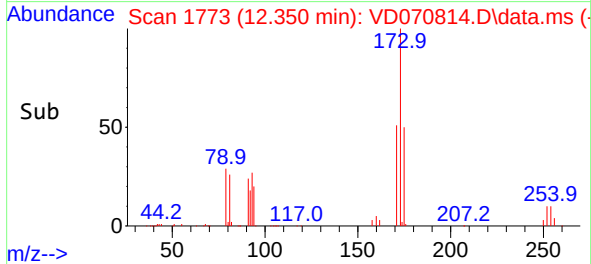




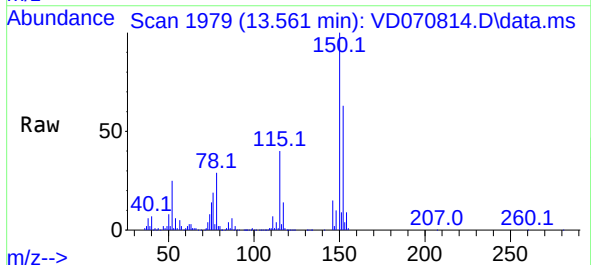
#71
Bromoform
Concen: 47.593 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



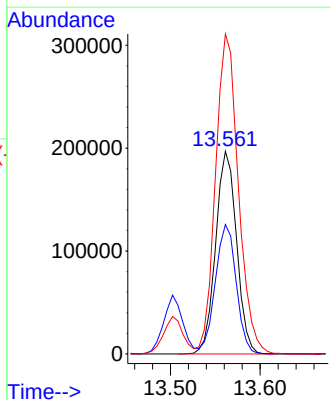
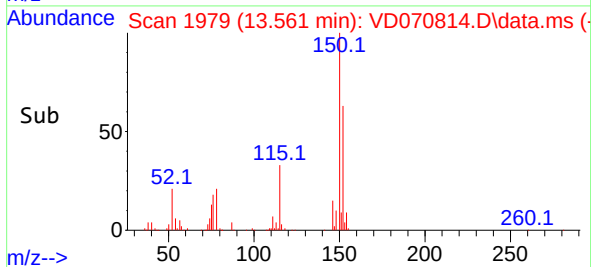
Tgt Ion:173 Resp: 121104
Ion Ratio Lower Upper
173 100
175 49.7 24.4 73.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



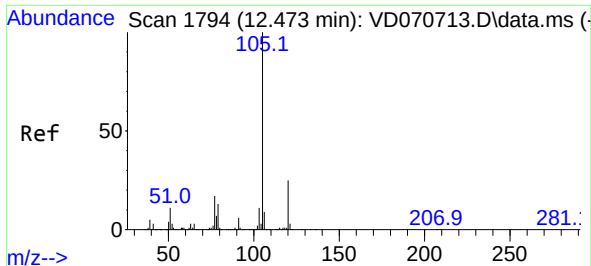
Tgt Ion:152 Resp: 318890
Ion Ratio Lower Upper
152 100
115 63.4 31.9 95.7
150 172.8 0.0 350.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:57:17 AM



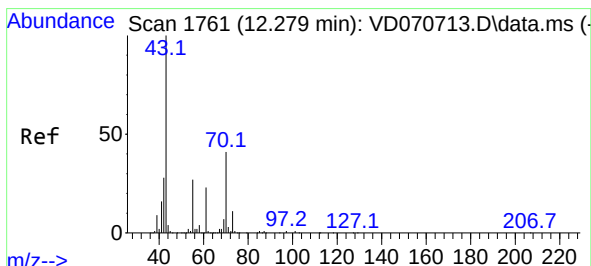
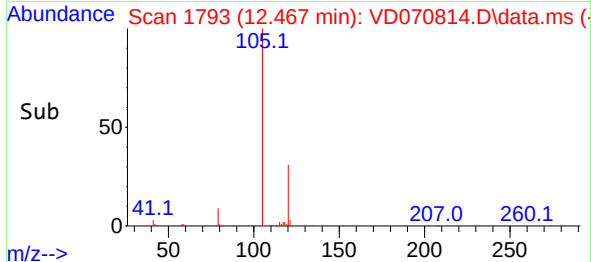
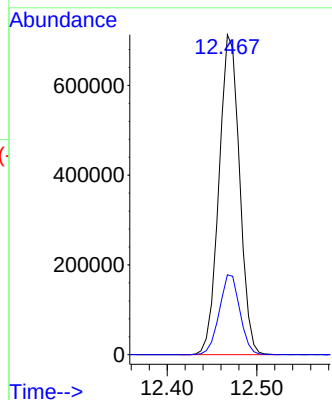
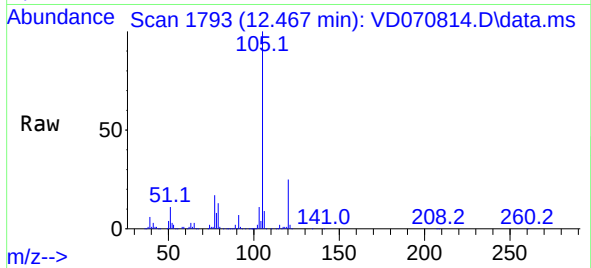
#73
Isopropylbenzene
Concen: 49.980 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 1135637
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.3

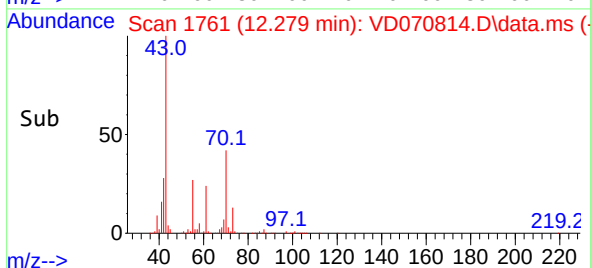
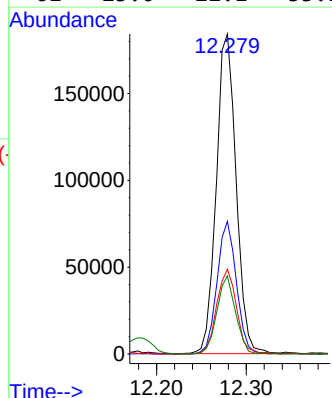
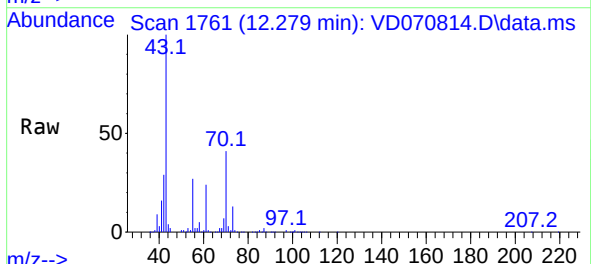
Manual Integrations
APPROVED

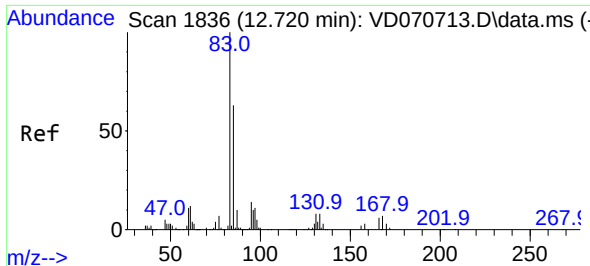
MMDadoda
10/25/2021 11:57:17 AM



#74
N-ethyl acetate
Concen: 47.757 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

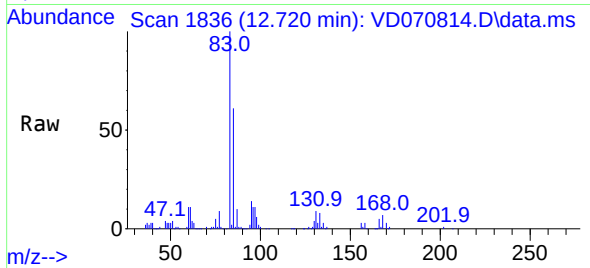
Tgt Ion: 43 Resp: 282499
Ion Ratio Lower Upper
43 100
70 40.5 40.0 60.0
55 26.7 23.8 35.6
61 23.0 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 46.546 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

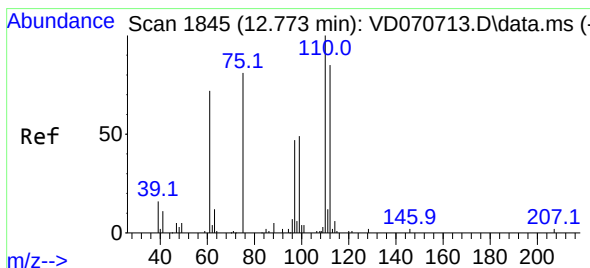
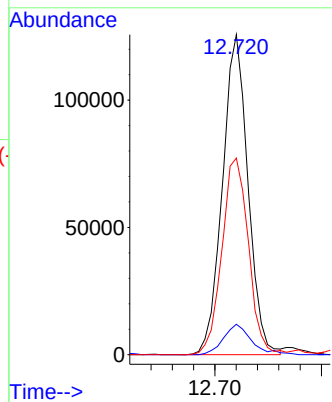
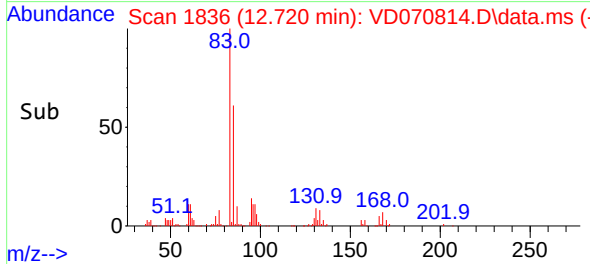
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



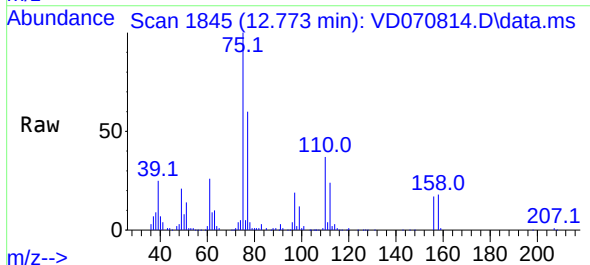
Tgt Ion: 83 Resp: 209213
Ion Ratio Lower Upper
83 100
131 10.4 4.9 14.7
85 63.9 31.9 95.7

Manual Integrations
APPROVED

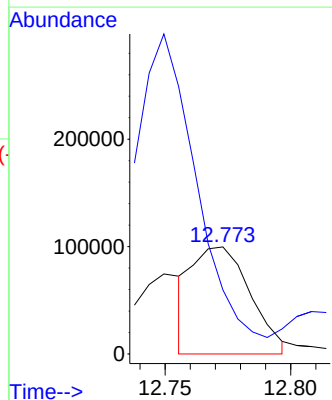
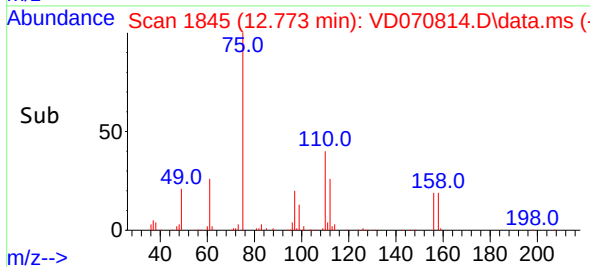
MMDadoda
10/25/2021 11:57:17 AM

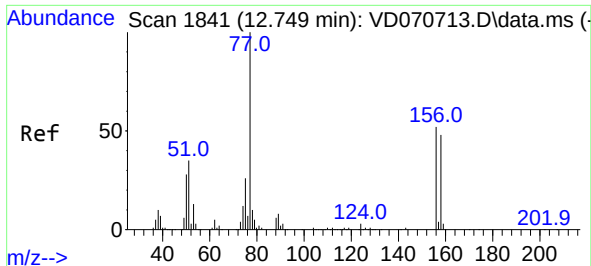


#76
1,2,3-Trichloropropane
Concen: 58.137 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

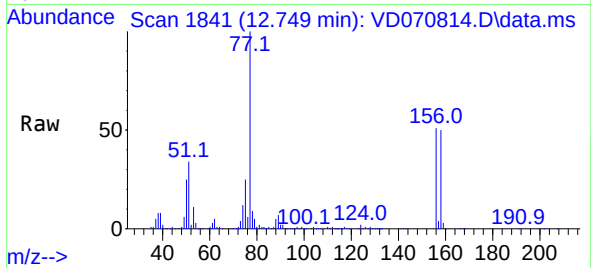


Tgt Ion: 75 Resp: 160172
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

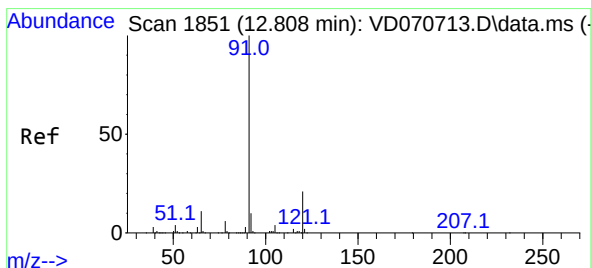
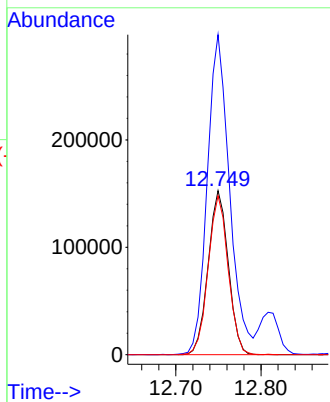
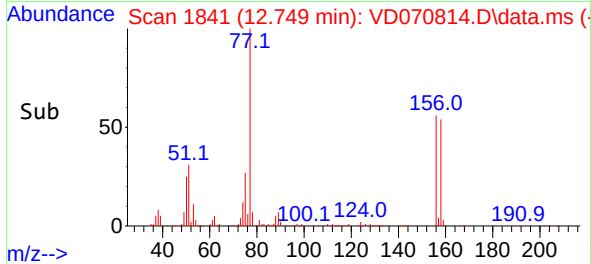




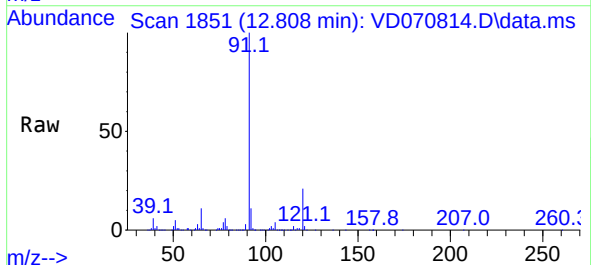
#77
Bromobenzene
Concen: 48.673 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



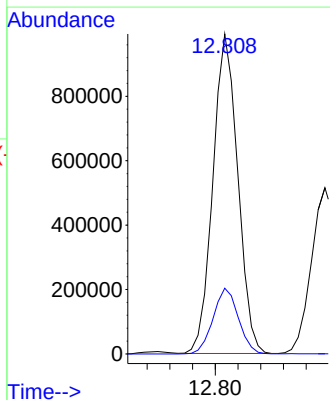
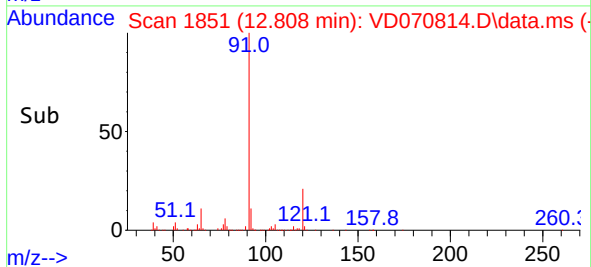
Tgt Ion:156 Resp: 250375
Ion Ratio Lower Upper
156 100
77 216.3 105.7 317.1
158 96.3 48.9 146.6



#78
n-propylbenzene
Concen: 51.125 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



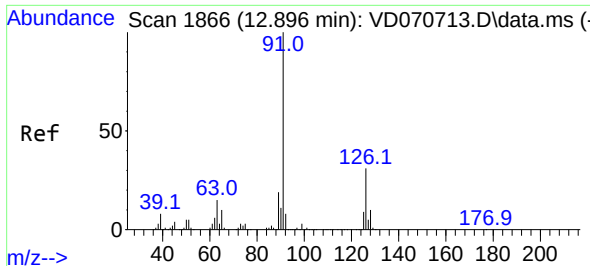
Tgt Ion: 91 Resp: 1509931
Ion Ratio Lower Upper
91 100
120 20.9 10.9 32.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:57:17 AM



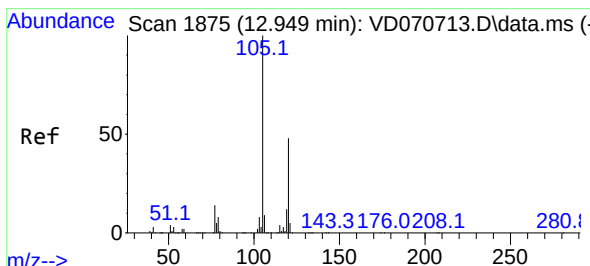
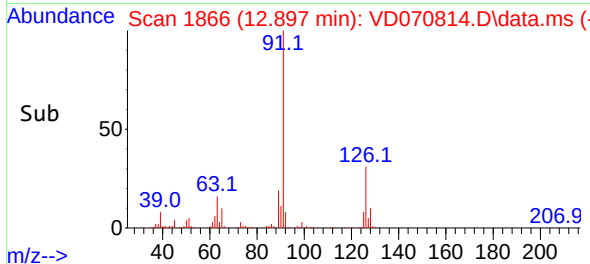
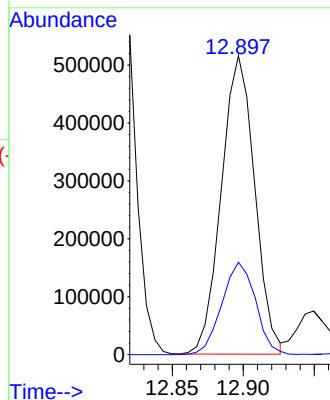
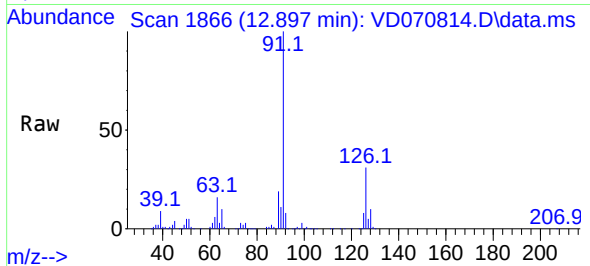
#79
2-Chlorotoluene
Concen: 49.309 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 841628
Ion Ratio Lower Upper
91 100
126 31.3 16.2 48.6

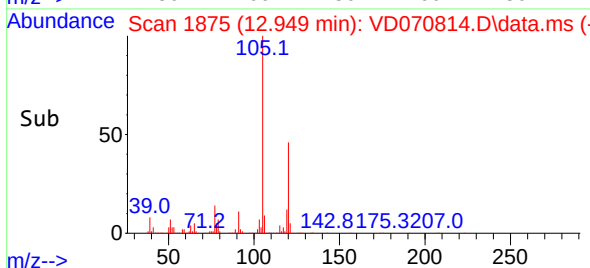
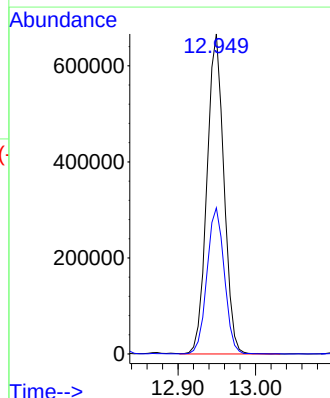
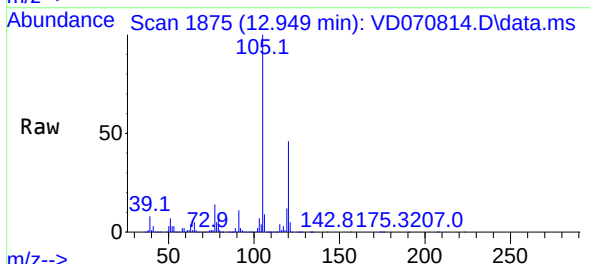
Manual Integrations
APPROVED

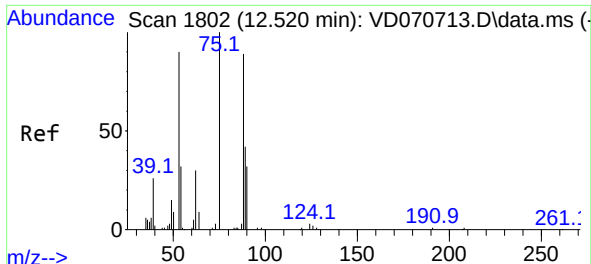
MMDadoda
10/25/2021 11:57:17 AM



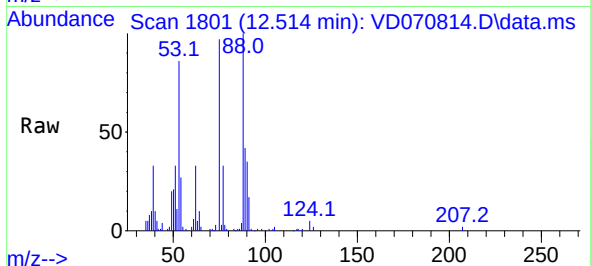
#80
1,3,5-Trimethylbenzene
Concen: 52.692 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 105 Resp: 1012099
Ion Ratio Lower Upper
105 100
120 46.6 24.4 73.2

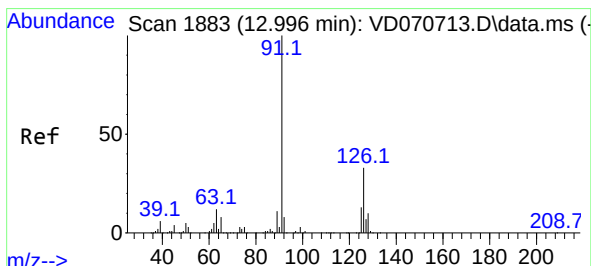
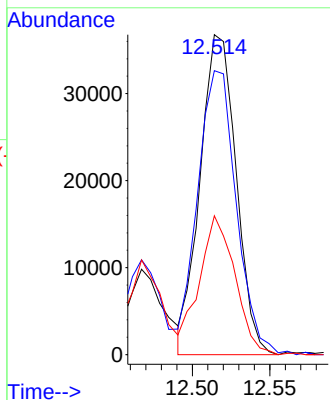
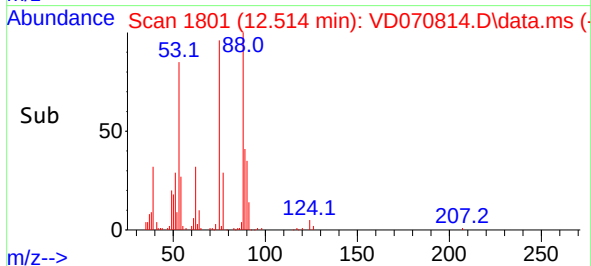




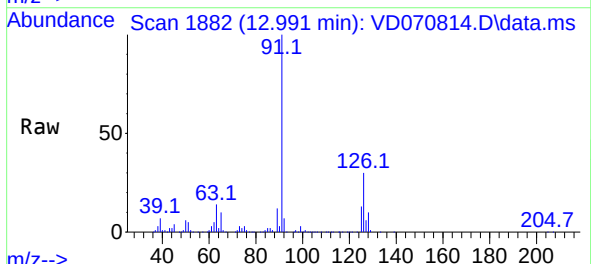
#81
trans-1,4-Dichloro-2-butene
Concen: 47.305 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



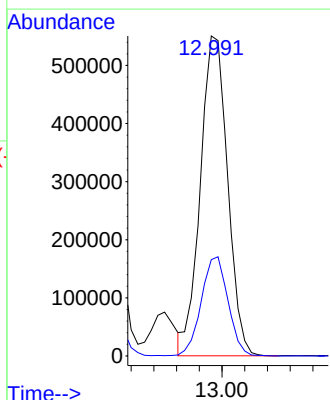
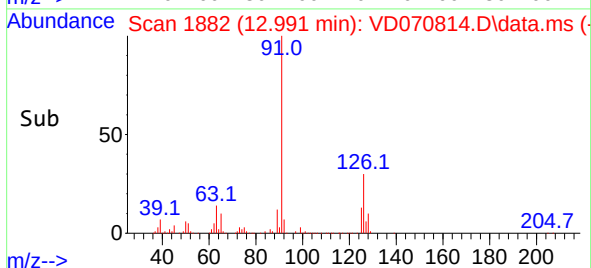
Tgt Ion: 75 Resp: 59503
Ion Ratio Lower Upper
75 100
53 96.7 64.5 96.7
89 43.1 35.3 52.9



#82
4-Chlorotoluene
Concen: 50.793 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



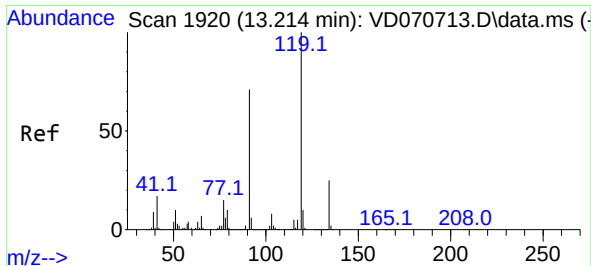
Tgt Ion: 91 Resp: 917049
Ion Ratio Lower Upper
91 100
126 30.6 16.2 48.6



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:57:17 AM



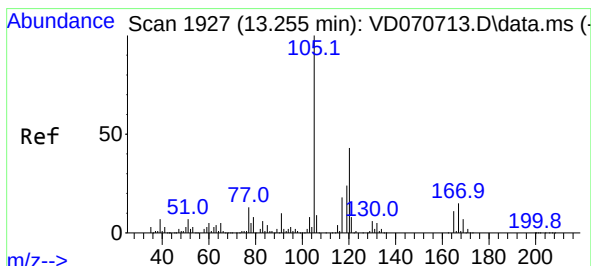
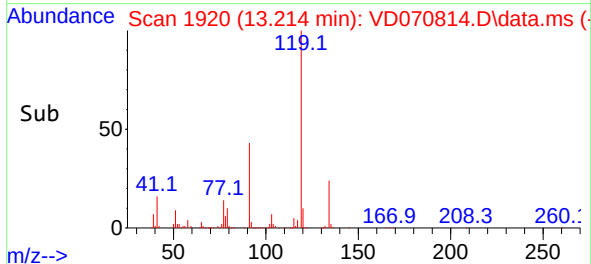
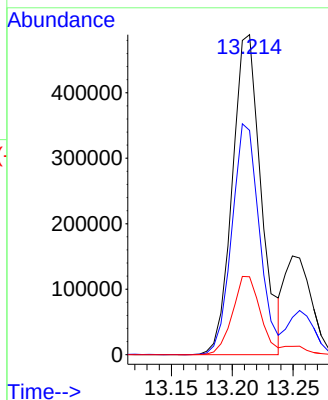
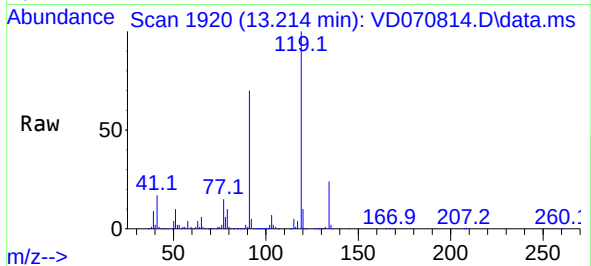
#83
tert-Butylbenzene
Concen: 50.523 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion:119 Resp: 801997
Ion Ratio Lower Upper
119 100
91 69.1 33.1 99.3
134 26.0 13.2 39.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

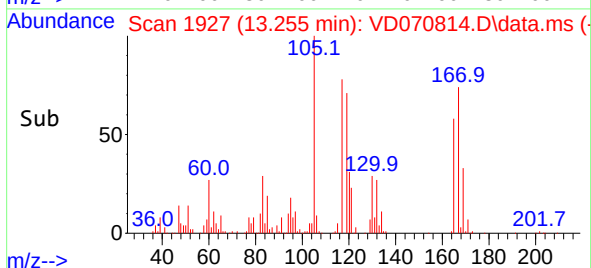
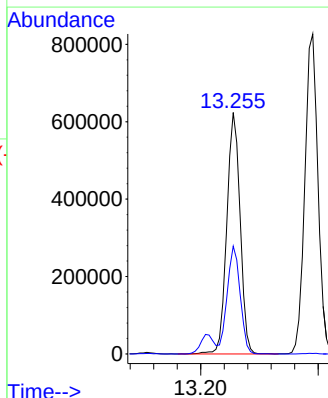
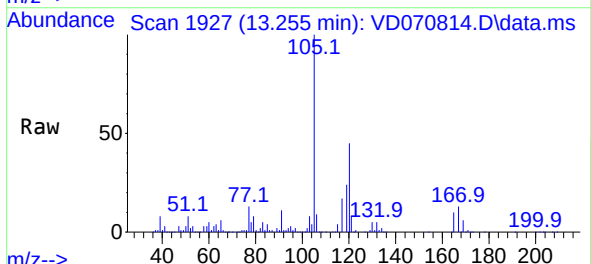
Manual Integrations
APPROVED

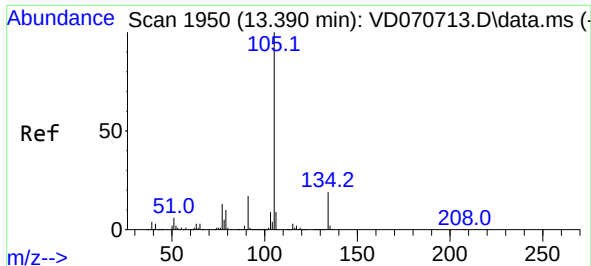
MMDadoda
10/25/2021 11:57:17 AM



#84
1,2,4-Trimethylbenzene
Concen: 51.358 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

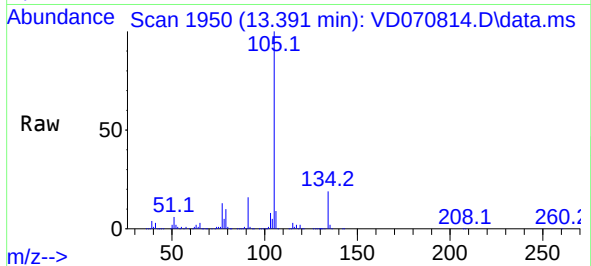
Tgt Ion:105 Resp: 980848
Ion Ratio Lower Upper
105 100
120 44.0 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 51.109 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070814.D
 Acq: 22 Oct 2021 09:59

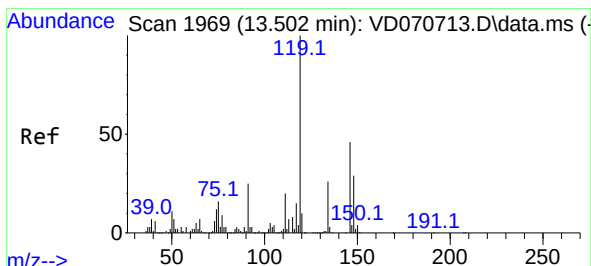
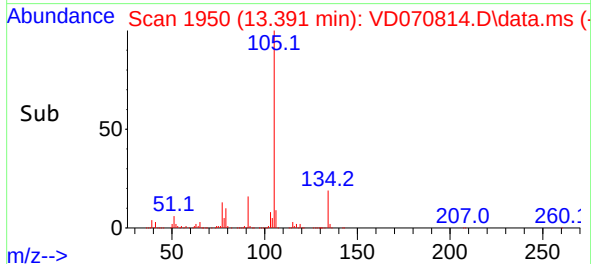
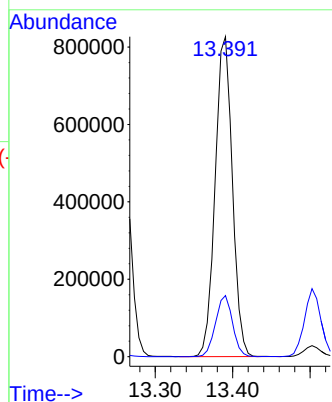
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



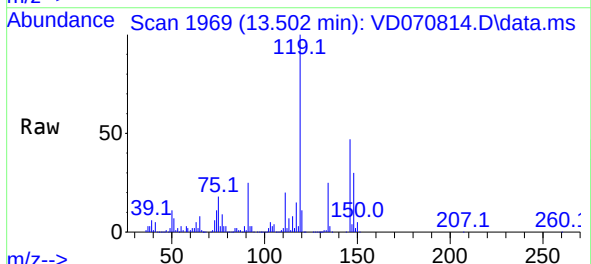
Tgt Ion:105 Resp: 1274952
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.3 28.0

Manual Integrations
 APPROVED

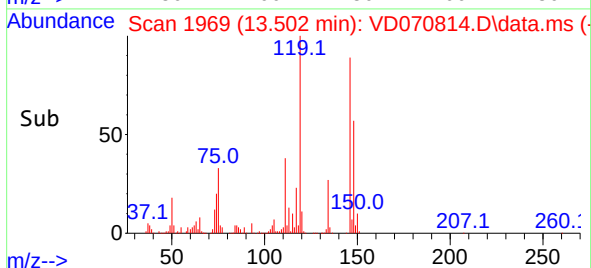
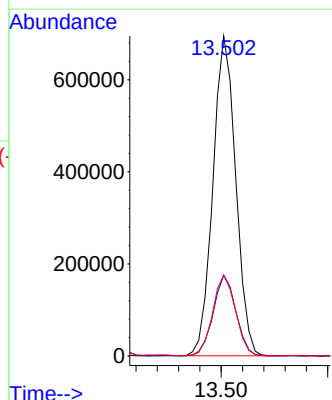
MMDadoda
 10/25/2021 11:57:17 AM

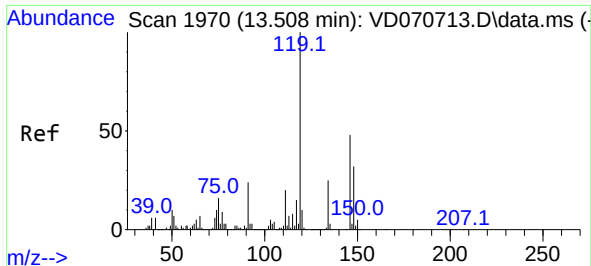


#86
 p-Isopropyltoluene
 Concen: 51.426 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070814.D
 Acq: 22 Oct 2021 09:59



Tgt Ion:119 Resp: 1031403
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.5 37.5
 91 25.0 11.9 35.5





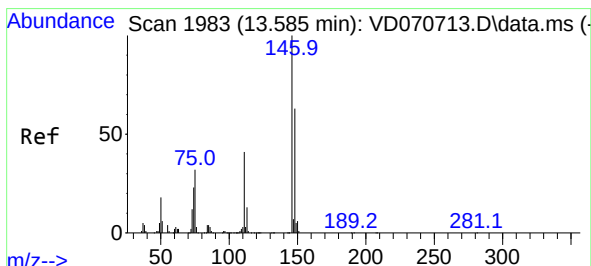
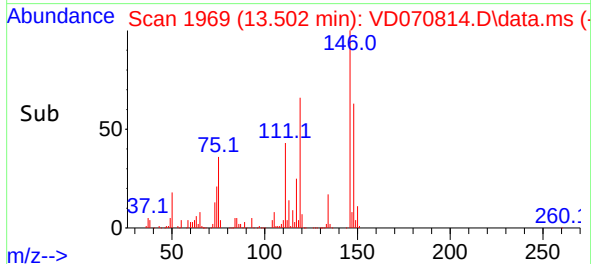
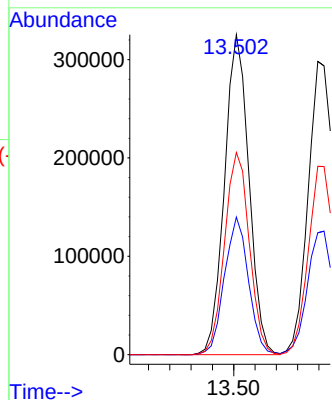
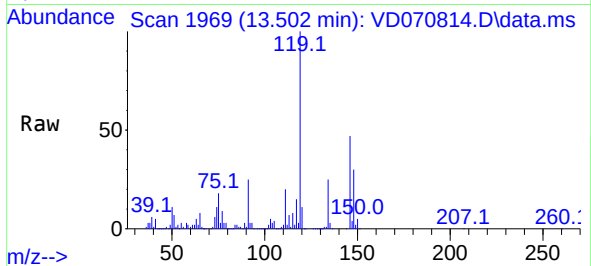
#87
1,3-Dichlorobenzene
Concen: 47.923 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion:146 Resp: 517663
Ion Ratio Lower Upper
146 100
111 42.3 21.4 64.2
148 64.1 31.8 95.3

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

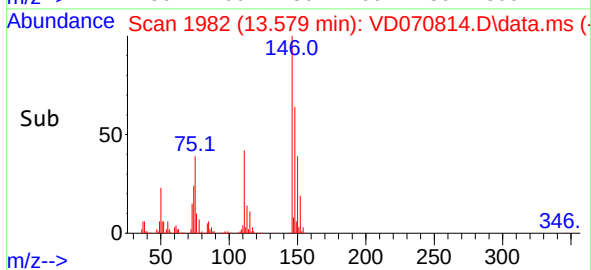
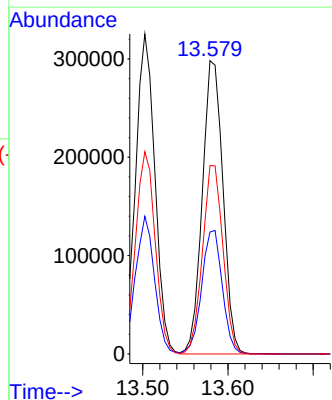
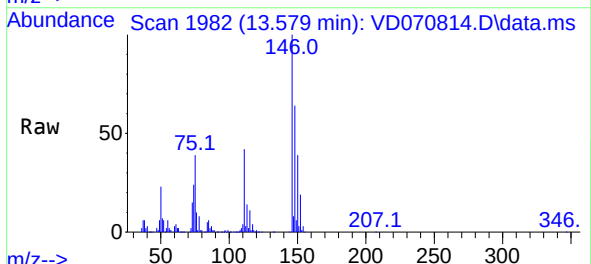
Manual Integrations
APPROVED

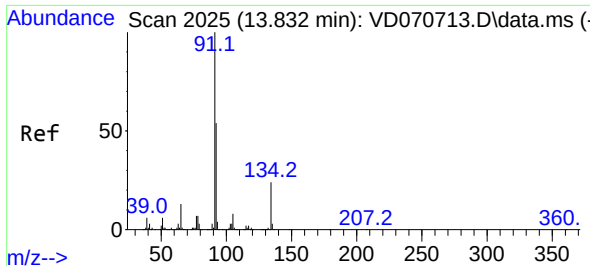
MMDadoda
10/25/2021 11:57:17 AM



#88
1,4-Dichlorobenzene
Concen: 47.077 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

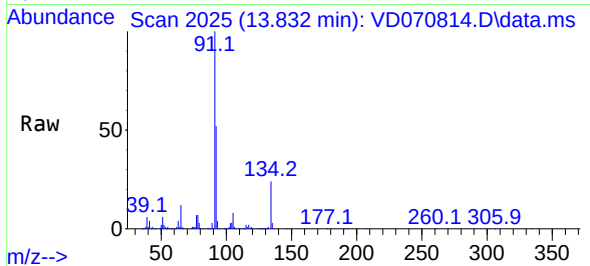
Tgt Ion:146 Resp: 502159
Ion Ratio Lower Upper
146 100
111 42.1 21.1 63.4
148 63.8 31.6 94.8





#89
n-Butylbenzene
Concen: 51.181 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

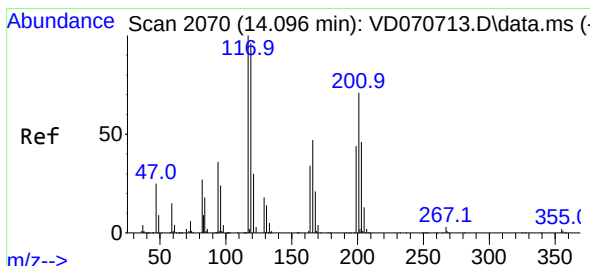
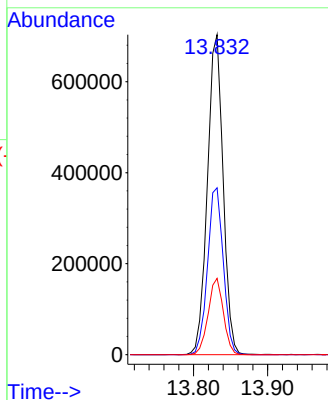
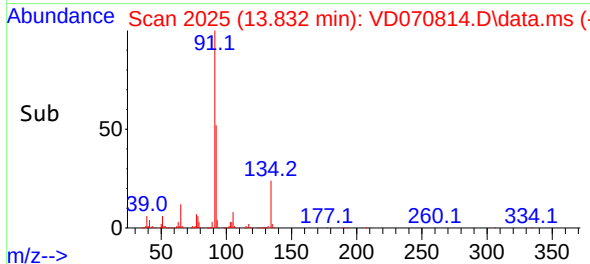
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



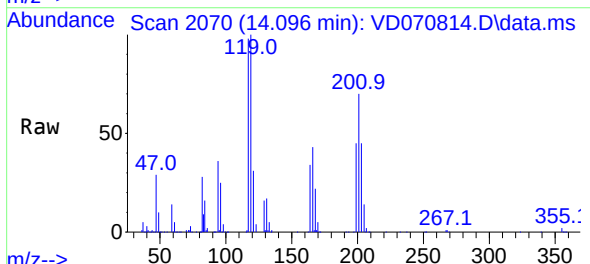
Tgt Ion: 91 Resp: 1035925
Ion Ratio Lower Upper
91 100
92 52.3 26.8 80.4
134 23.2 12.2 36.4

Manual Integrations
APPROVED

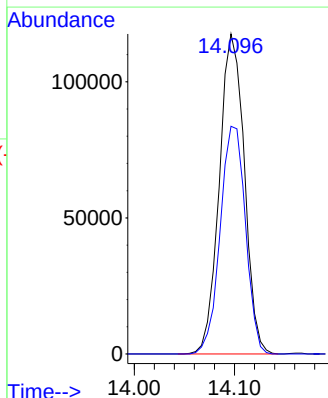
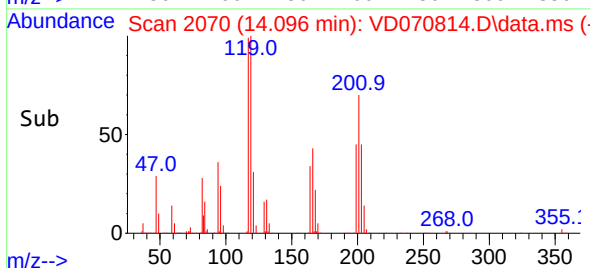
MMDadoda
10/25/2021 11:57:17 AM

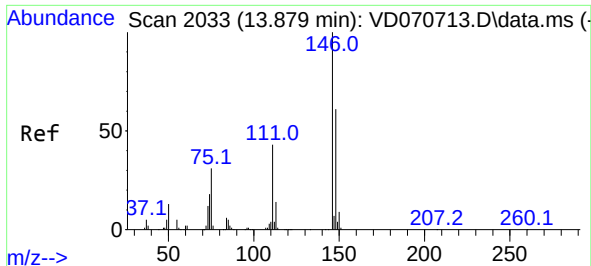


#90
Hexachloroethane
Concen: 47.087 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



Tgt Ion: 117 Resp: 203786
Ion Ratio Lower Upper
117 100
201 71.8 31.9 95.9





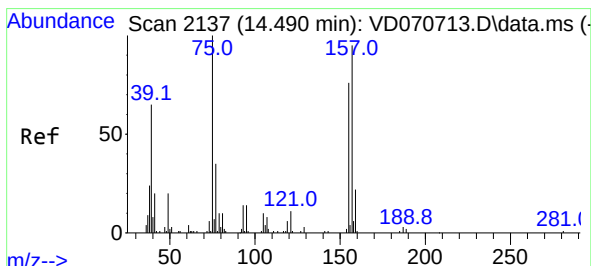
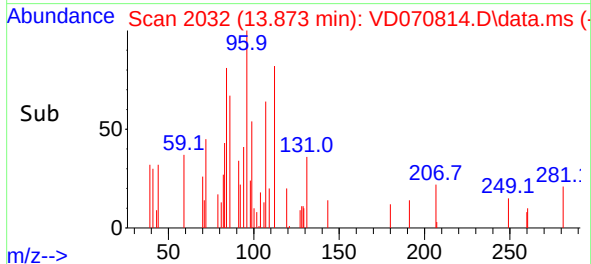
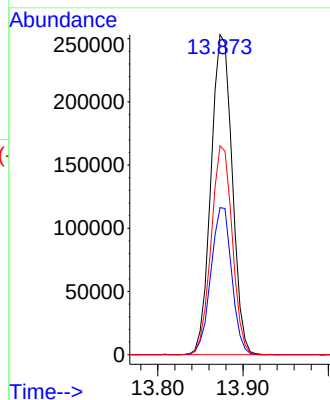
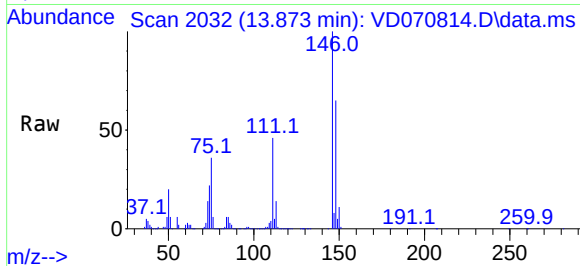
#91
1,2-Dichlorobenzene
Concen: 47.354 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 146 Resp: 437173
Ion Ratio Lower Upper
146 100
111 45.3 22.8 68.4
148 64.9 32.4 97.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

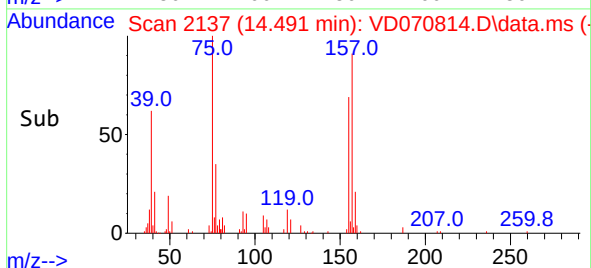
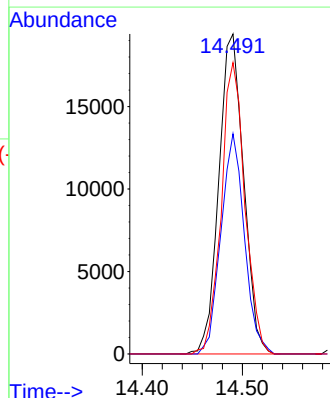
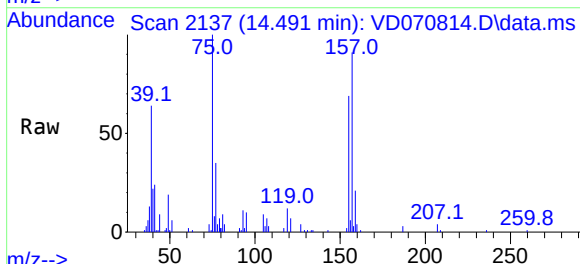
Manual Integrations
APPROVED

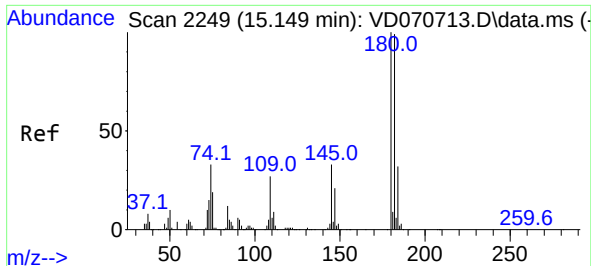
MMDadoda
10/25/2021 11:57:17 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.430 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion: 75 Resp: 33285
Ion Ratio Lower Upper
75 100
155 65.1 38.1 114.5
157 86.7 47.6 142.9





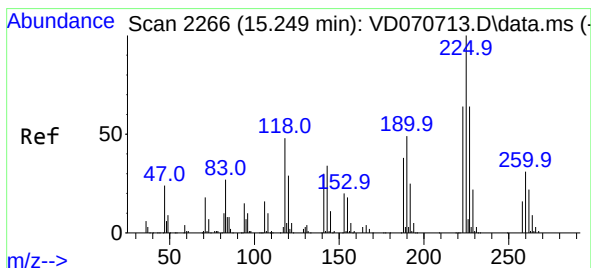
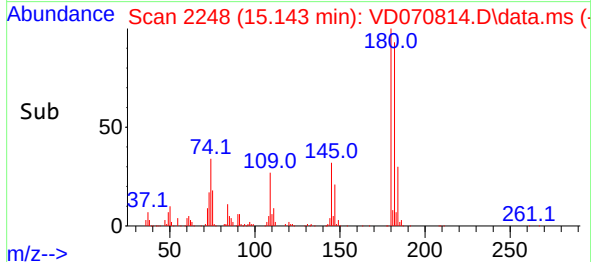
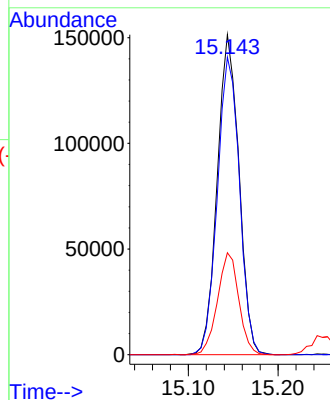
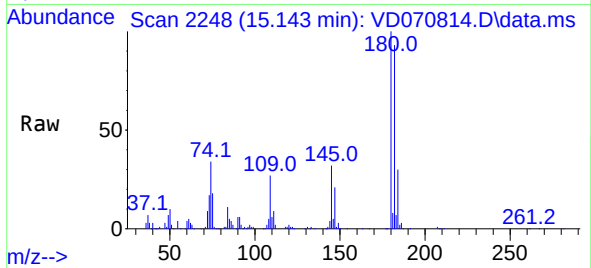
#93
1,2,4-Trichlorobenzene
Concen: 48.069 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

Tgt Ion:180 Resp: 253852
Ion Ratio Lower Upper
180 100
182 94.7 47.5 142.5
145 31.3 16.9 50.7

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

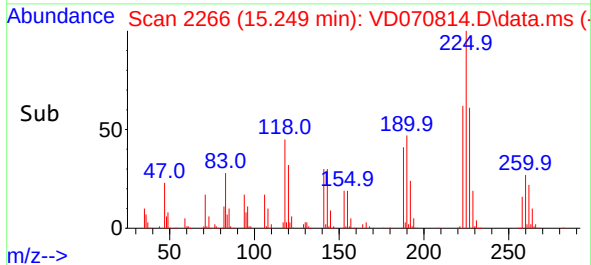
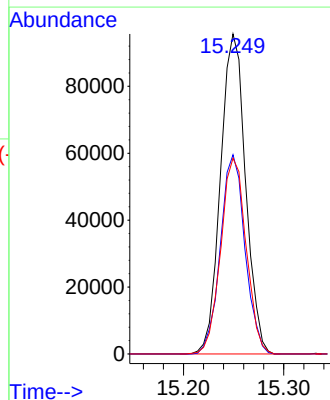
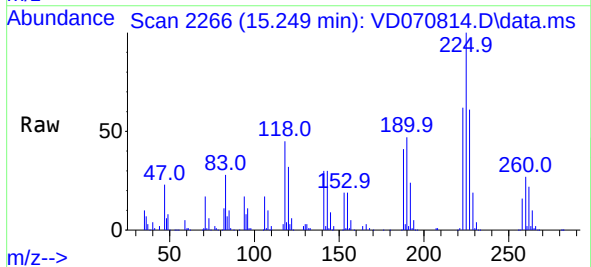
Manual Integrations
APPROVED

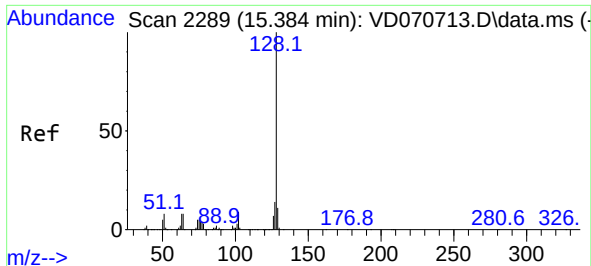
MMDadoda
10/25/2021 11:57:17 AM



#94
Hexachlorobutadiene
Concen: 47.871 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

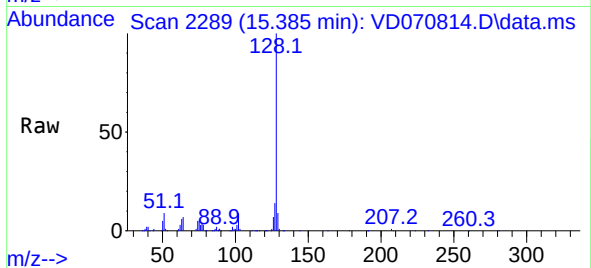
Tgt Ion:225 Resp: 165776
Ion Ratio Lower Upper
225 100
223 61.2 31.2 93.6
227 61.9 32.2 96.6





#95
Naphthalene
Concen: 42.143 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59

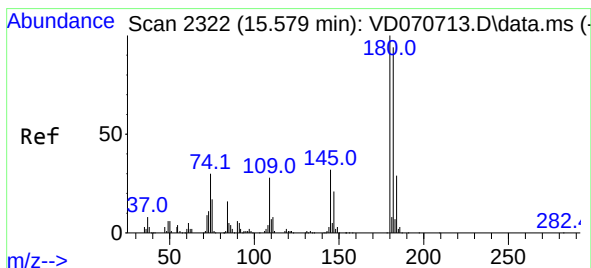
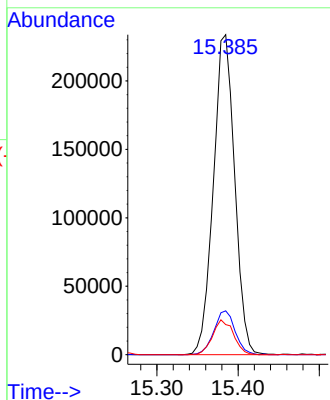
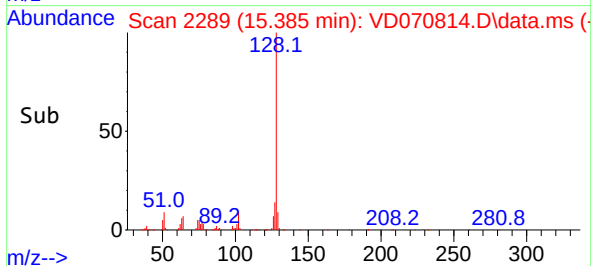
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



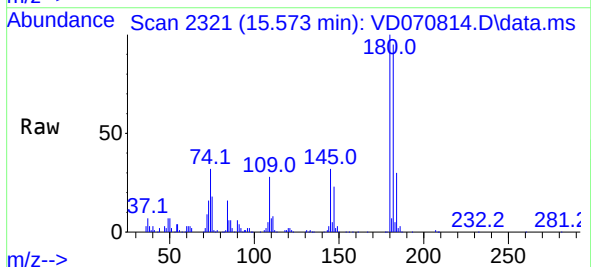
Tgt Ion:128 Resp: 426466
Ion Ratio Lower Upper
128 100
127 13.7 10.9 16.3
129 10.7 8.6 12.8

Manual Integrations
APPROVED

MMDadoda
10/25/2021 11:57:17 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.093 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD070814.D
Acq: 22 Oct 2021 09:59



Tgt Ion:180 Resp: 220972
Ion Ratio Lower Upper
180 100
182 95.5 46.2 138.5
145 33.3 17.1 51.3

