

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070321.D
 Acq On : 13 Sep 2021 12:38
 Operator : VA/SY
 Sample : VD0913SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0913SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/14/2021 10:45:25 AM

Quant Time: Sep 14 00:51:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	384275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	688350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	659533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	307306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	236527	47.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.880%
35) Dibromofluoromethane	7.909	113	244591	49.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.840%
50) Toluene-d8	10.338	98	931244	52.347	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.700%
62) 4-Bromofluorobenzene	12.626	95	309326	49.752	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	94301	22.058	ug/l	98
3) Chloromethane	2.209	50	122058	21.145	ug/l	99
4) Vinyl Chloride	2.344	62	128786	21.301	ug/l	99
5) Bromomethane	2.750	94	86795	20.578	ug/l	96
6) Chloroethane	2.909	64	84641	21.036	ug/l	99
7) Trichlorofluoromethane	3.268	101	160740	20.100	ug/l	99
8) Diethyl Ether	3.703	74	42726	19.327	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.097	101	104436	21.024	ug/l	96
10) Methyl Iodide	4.303	142	85284	18.594	ug/l	98
11) Tert butyl alcohol	5.203	59	50989	91.395	ug/l #	100
12) 1,1-Dichloroethene	4.062	96	88769	19.842	ug/l	93
13) Acrolein	3.915	56	19757	80.547	ug/l	93
14) Allyl chloride	4.709	41	126757	19.281	ug/l	98
15) Acrylonitrile	5.420	53	99933	94.876	ug/l	98
16) Acetone	4.162	43	84546	95.974	ug/l	95
17) Carbon Disulfide	4.409	76	328010	19.872	ug/l	100
18) Methyl Acetate	4.720	43	48695	19.209	ug/l	97
19) Methyl tert-butyl Ether	5.479	73	179815	18.599	ug/l	100
20) Methylene Chloride	4.962	84	178696	29.588	ug/l	92
21) trans-1,2-Dichloroethene	5.468	96	106445	19.988	ug/l	97
22) Diisopropyl ether	6.367	45	287581	20.438	ug/l	97
23) Vinyl Acetate	6.303	43	594284	91.168	ug/l	98
24) 1,1-Dichloroethane	6.256	63	197278	19.815	ug/l	99
25) 2-Butanone	7.214	43	106941	91.196	ug/l	98
26) 2,2-Dichloropropane	7.203	77	162049	20.137	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	110883	19.383	ug/l	95
28) Bromochloromethane	7.544	49	70559	17.862	ug/l	94
29) Tetrahydrofuran	7.562	42	70576	93.756	ug/l	92
30) Chloroform	7.709	83	202913	19.880	ug/l	100
31) Cyclohexane	7.985	56	167324	19.686	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	167400	19.485	ug/l	96
36) 1,1-Dichloropropene	8.109	75	151832	20.636	ug/l	97
37) Ethyl Acetate	7.291	43	55981	20.347	ug/l	96
38) Carbon Tetrachloride	8.091	117	148738	20.440	ug/l	94
39) Methylcyclohexane	9.356	83	158982	19.342	ug/l	93
40) Benzene	8.350	78	439030	20.362	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070321.D
 Acq On : 13 Sep 2021 12:38
 Operator : VA/SY
 Sample : VD0913SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0913SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/14/2021 10:45:25 AM

Quant Time: Sep 14 00:51:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	26850	18.549	ug/l #	87
42) 1,2-Dichloroethane	8.420	62	116222	20.126	ug/l	99
43) Isopropyl Acetate	8.450	43	97689	19.203	ug/l	98
44) Trichloroethene	9.108	130	103102	20.008	ug/l	82
45) 1,2-Dichloropropane	9.385	63	116520	20.598	ug/l	95
46) Dibromomethane	9.473	93	56249	19.310	ug/l	99
47) Bromodichloromethane	9.656	83	147092	19.793	ug/l	92
48) Methyl methacrylate	9.450	41	45225	19.255	ug/l	96
49) 1,4-Dioxane	9.456	88	11845	405.977	ug/l	98
51) 4-Methyl-2-Pentanone	10.226	43	255234	96.960	ug/l	94
52) Toluene	10.397	92	273548	20.997	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	127369	19.924	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	152583	19.613	ug/l	95
55) 1,1,2-Trichloroethane	10.797	97	77958	19.454	ug/l	94
56) Ethyl methacrylate	10.655	69	79599	18.196	ug/l	91
57) 1,3-Dichloropropane	10.938	76	134611	19.731	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	209341	99.285	ug/l	97
59) 2-Hexanone	10.979	43	171998	97.932	ug/l	93
60) Dibromochloromethane	11.132	129	90771	19.464	ug/l	96
61) 1,2-Dibromoethane	11.238	107	72355	19.633	ug/l	100
64) Tetrachloroethene	10.867	164	84330	21.001	ug/l	97
65) Chlorobenzene	11.661	112	276070	20.206	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	100811	20.146	ug/l	99
67) Ethyl Benzene	11.738	91	478605	20.311	ug/l	97
68) m/p-Xylenes	11.850	106	379634	41.715	ug/l	99
69) o-Xylene	12.173	106	167306	20.521	ug/l	99
70) Styrene	12.185	104	294070	20.647	ug/l	97
71) Bromoform	12.350	173	49503	20.016	ug/l #	98
73) Isopropylbenzene	12.473	105	433717	20.125	ug/l	100
74) N-amyl acetate	12.279	43	90897	19.358	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	90075	19.515	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	58683m	18.879	ug/l	
77) Bromobenzene	12.749	156	99943	20.101	ug/l	98
78) n-propylbenzene	12.814	91	592504	21.182	ug/l	99
79) 2-Chlorotoluene	12.897	91	333213	20.437	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	390628	21.002	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	24503	19.751	ug/l	95
82) 4-Chlorotoluene	12.997	91	355854	20.689	ug/l	99
83) tert-Butylbenzene	13.214	119	302280	20.264	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	384132	20.973	ug/l	99
85) sec-Butylbenzene	13.391	105	499651	21.072	ug/l	98
86) p-Isopropyltoluene	13.508	119	400691	21.032	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	214070	20.680	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	212042	20.407	ug/l	99
89) n-Butylbenzene	13.832	91	383645	20.198	ug/l	98
90) Hexachloroethane	14.096	117	87257	20.008	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	183707	20.114	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	12969	18.761	ug/l	90
93) 1,2,4-Trichlorobenzene	15.149	180	97144	19.696	ug/l	97
94) Hexachlorobutadiene	15.255	225	59884	19.794	ug/l	99
95) Naphthalene	15.385	128	158519	17.685	ug/l	98
96) 1,2,3-Trichlorobenzene	15.579	180	83566	19.203	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070321.D
 Acq On : 13 Sep 2021 12:38
 Operator : VA/SY
 Sample : VD0913SBSD01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0913SBSD01

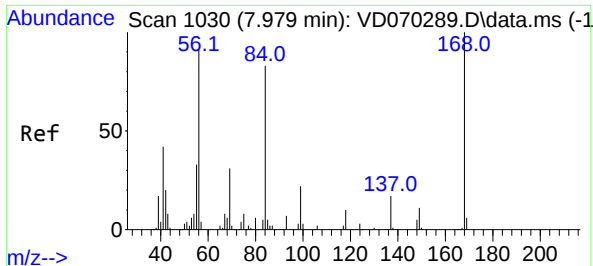
Manual Integrations
 APPROVED

MMDadoda
 9/14/2021 10:45:25 AM

Quant Time: Sep 14 00:51:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

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



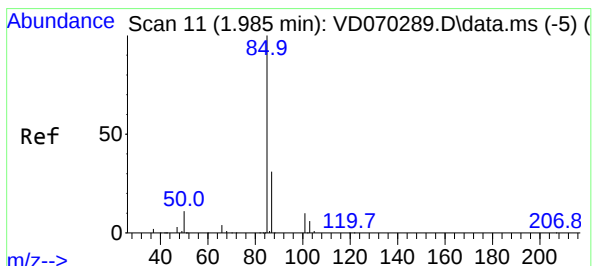
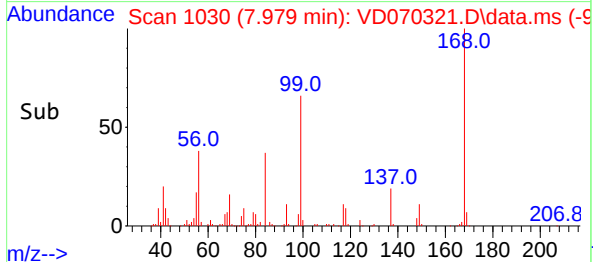
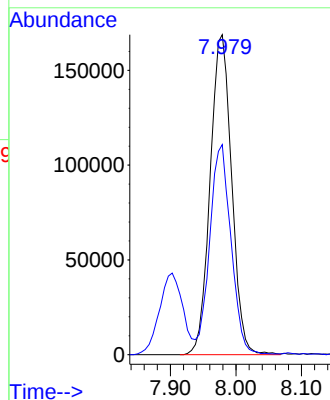
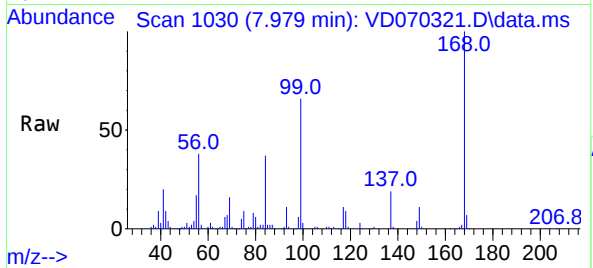
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 168 Resp: 384275
Ion Ratio Lower Upper
168 100
99 65.4 50.8 76.2

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

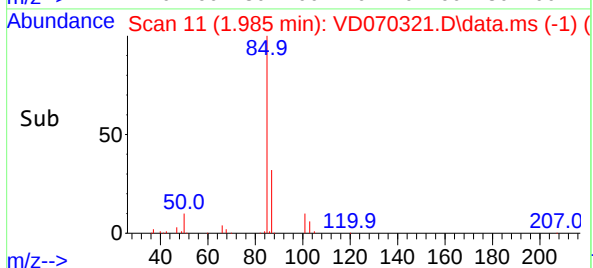
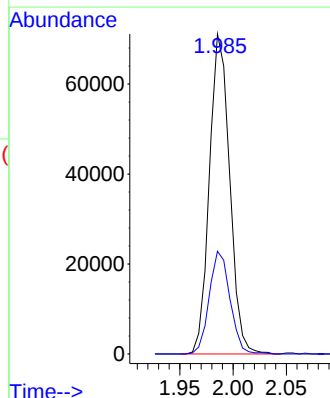
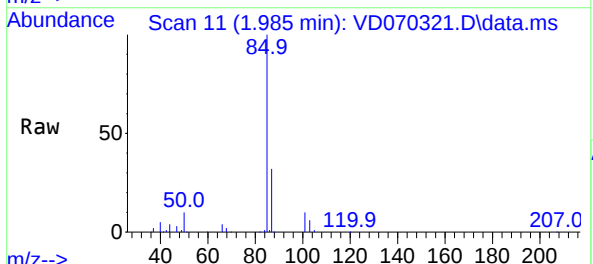
Manual Integrations
APPROVED

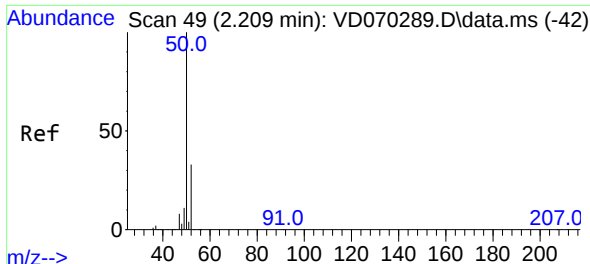
MMDadoda
9/14/2021 10:45:25 AM



#2
Dichlorodifluoromethane
Concen: 22.058 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

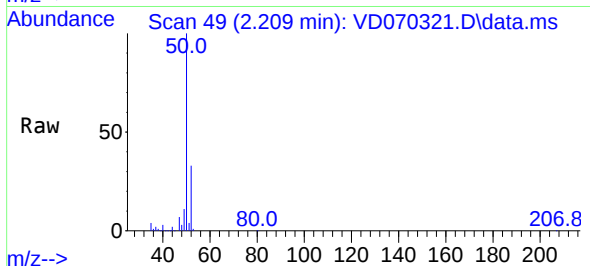
Tgt Ion: 85 Resp: 94301
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.8





#3
Chloromethane
Concen: 21.145 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

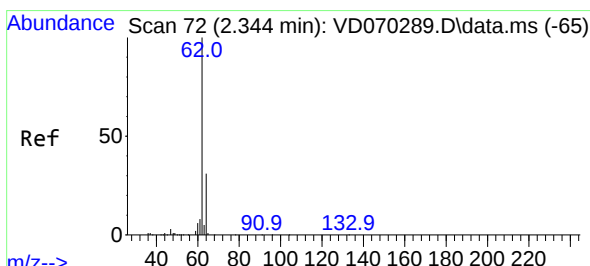
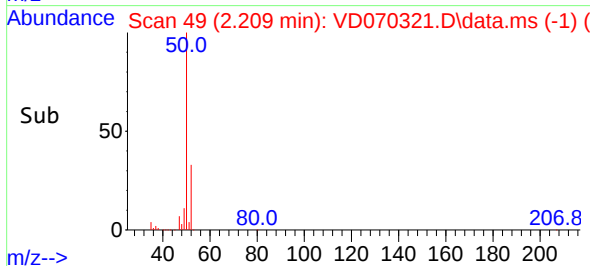
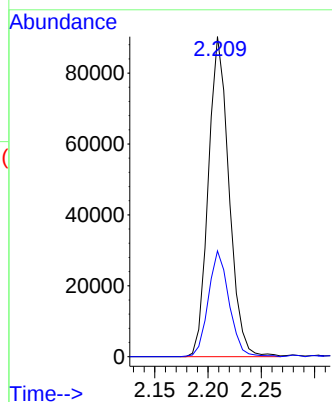
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01



Tgt Ion: 50 Resp: 122058
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2

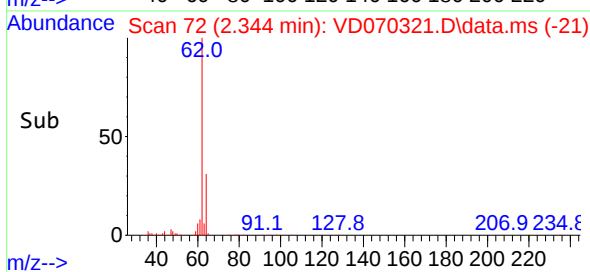
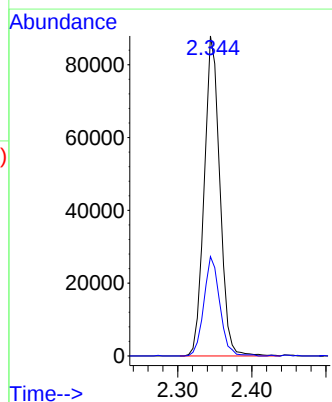
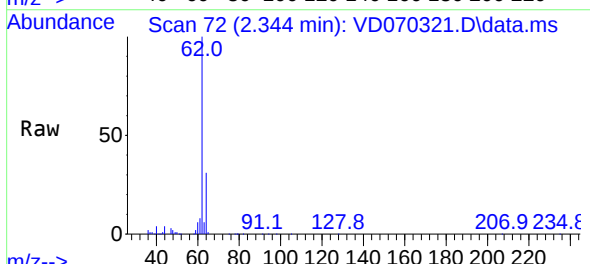
Manual Integrations
APPROVED

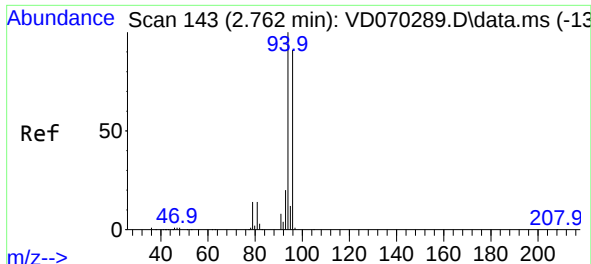
MMDadoda
9/14/2021 10:45:25 AM



#4
Vinyl Chloride
Concen: 21.301 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 62 Resp: 128786
Ion Ratio Lower Upper
62 100
64 31.1 24.6 36.8



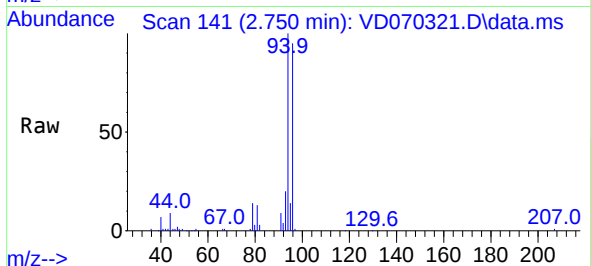


#5
Bromomethane
Concen: 20.578 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.012 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

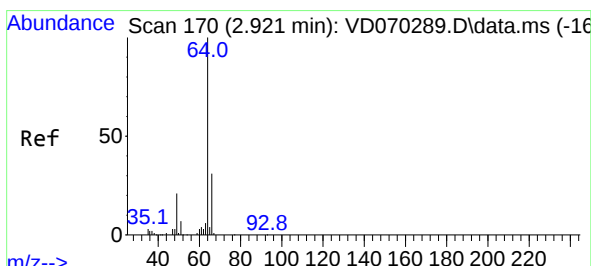
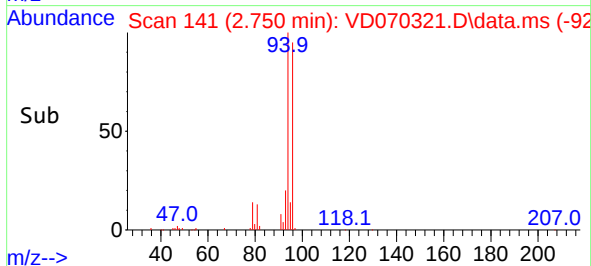
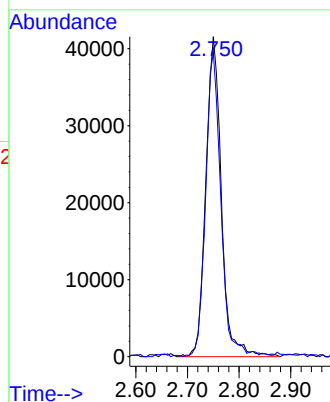
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01

Manual Integrations
APPROVED

MMDadoda
9/14/2021 10:45:25 AM

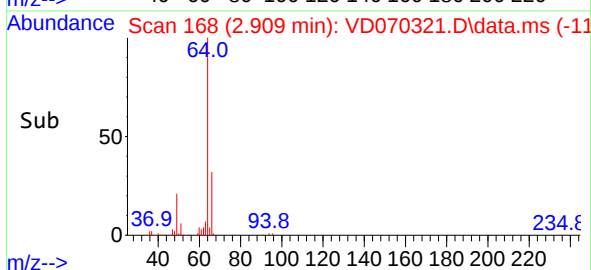
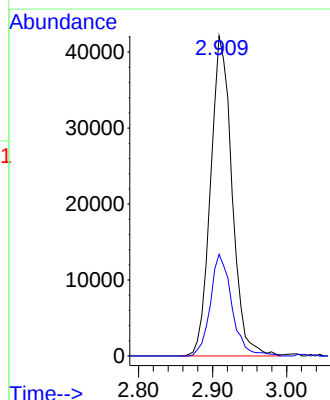
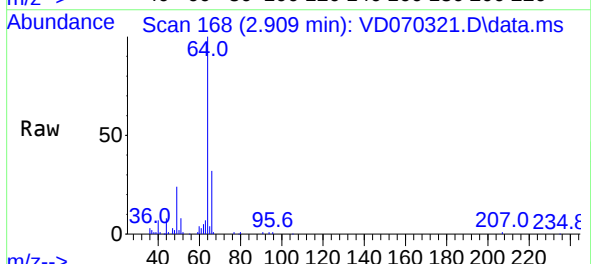


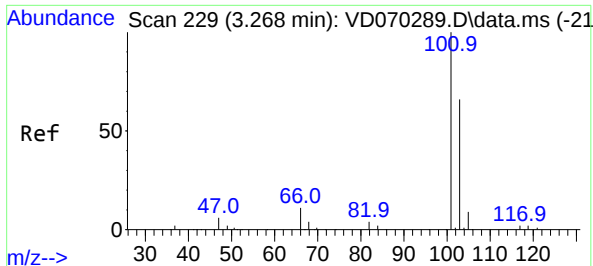
Tgt Ion: 94 Resp: 86795
Ion Ratio Lower Upper
94 100
96 94.7 73.0 109.6



#6
Chloroethane
Concen: 21.036 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 64 Resp: 84641
Ion Ratio Lower Upper
64 100
66 31.8 25.0 37.4





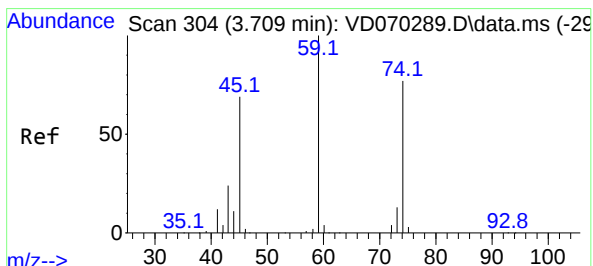
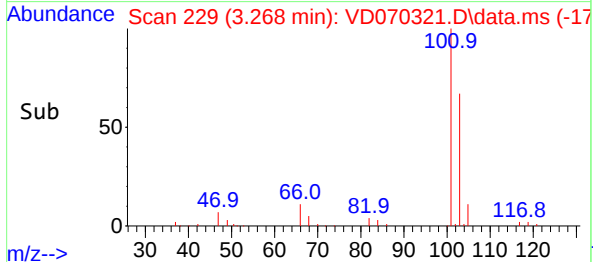
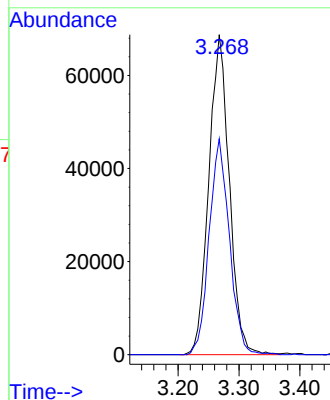
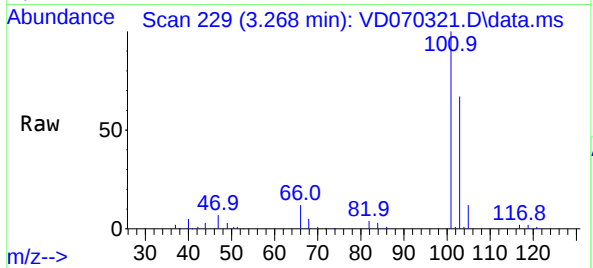
#7
 Trichlorofluoromethane
 Concen: 20.100 ug/l
 RT: 3.268 min Scan# 229
 Delta R.T. 0.000 min
 Lab File: VD070321.D
 Acq: 13 Sep 2021 12:38

Tgt Ion:101 Resp: 160740
 Ion Ratio Lower Upper
 101 100
 103 67.5 53.0 79.6

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0913SBS01

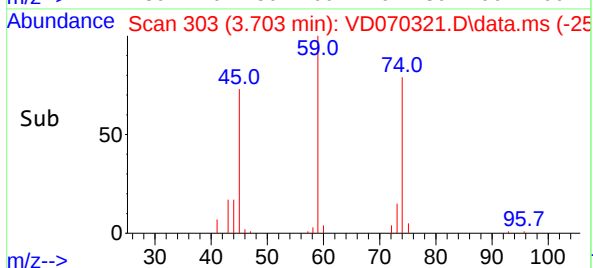
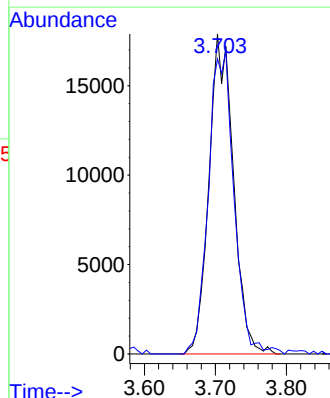
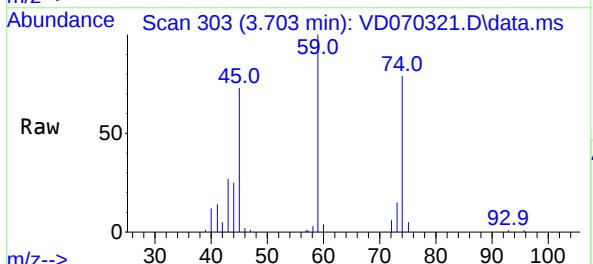
Manual Integrations
 APPROVED

MMDadoda
 9/14/2021 10:45:25 AM



#8
 Diethyl Ether
 Concen: 19.327 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.006 min
 Lab File: VD070321.D
 Acq: 13 Sep 2021 12:38

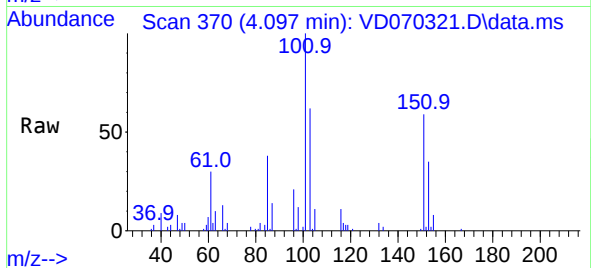
Tgt Ion: 74 Resp: 42726
 Ion Ratio Lower Upper
 74 100
 45 98.2 44.5 133.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.024 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

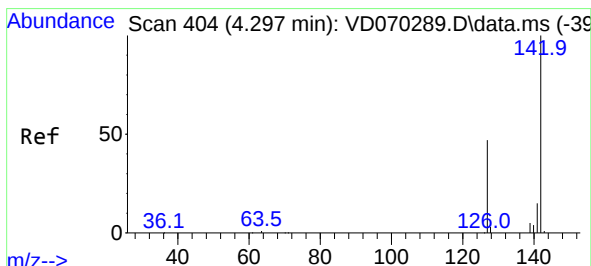
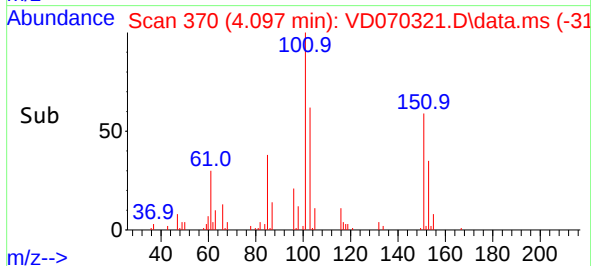
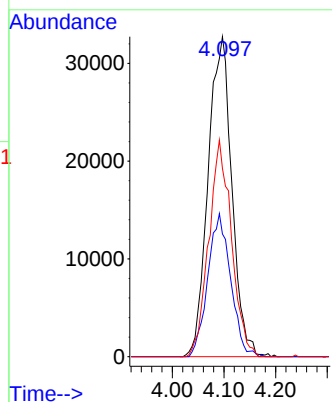
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01



Tgt Ion:101 Resp: 104436
Ion Ratio Lower Upper
101 100
85 42.9 33.8 50.8
151 64.8 55.8 83.6

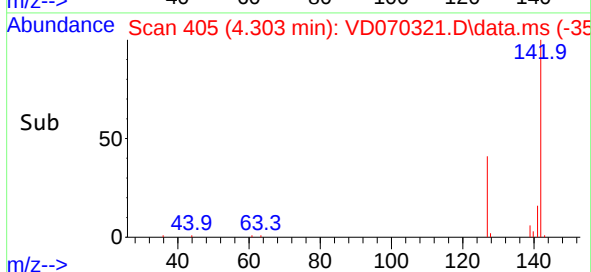
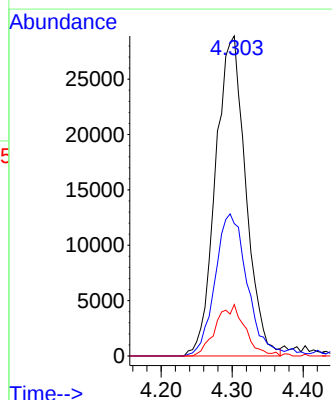
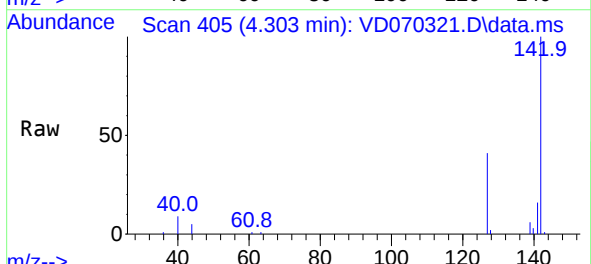
Manual Integrations
APPROVED

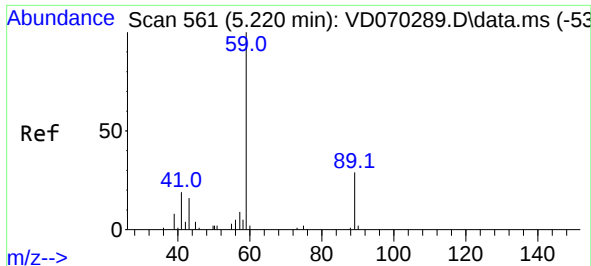
MMDadoda
9/14/2021 10:45:25 AM



#10
Methyl Iodide
Concen: 18.594 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion:142 Resp: 85284
Ion Ratio Lower Upper
142 100
127 47.1 36.9 55.3
141 15.7 11.8 17.6





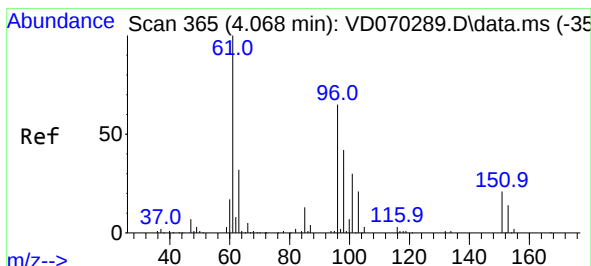
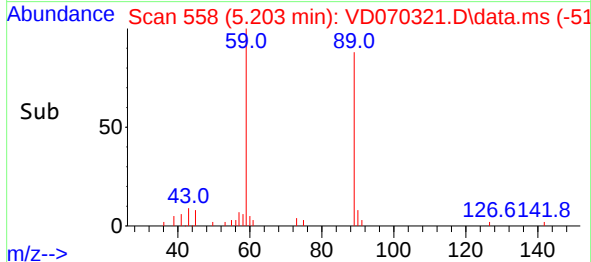
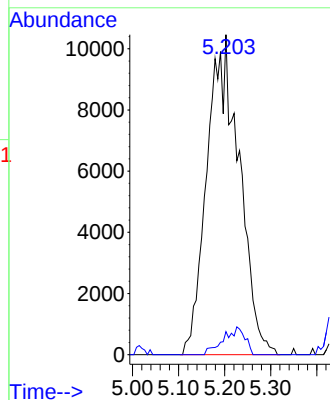
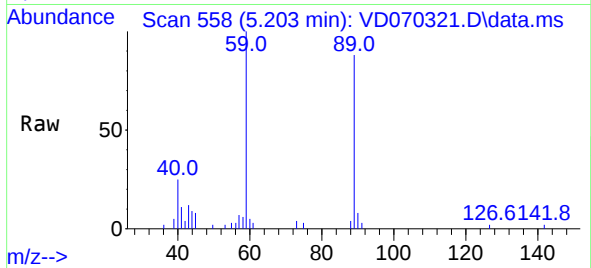
#11
Tert butyl alcohol
Concen: 91.395 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.017 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 59 Resp: 50989
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

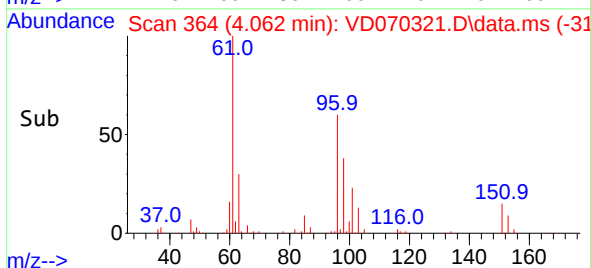
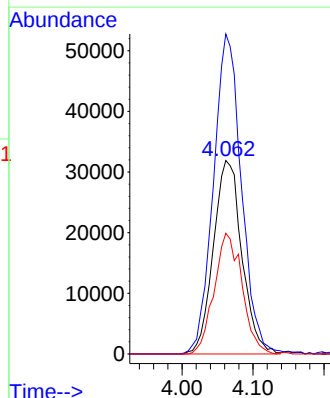
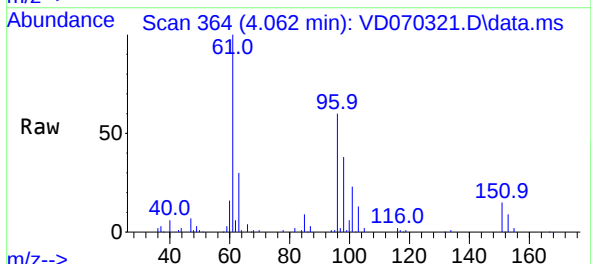
Manual Integrations
APPROVED

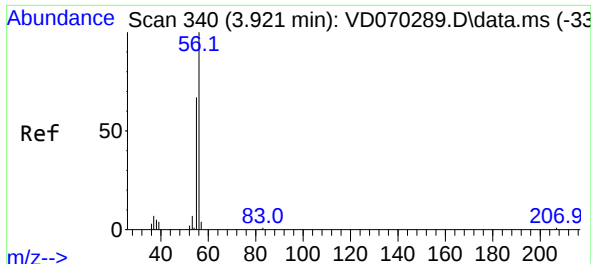
MMDadoda
9/14/2021 10:45:25 AM



#12
1,1-Dichloroethene
Concen: 19.842 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

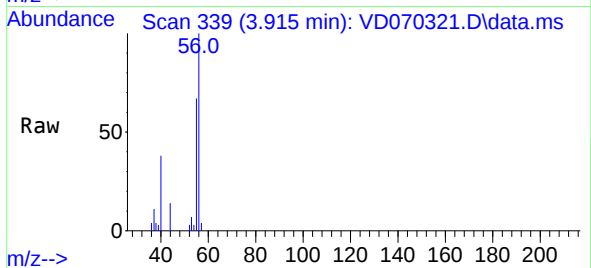
Tgt Ion: 96 Resp: 88769
Ion Ratio Lower Upper
96 100
61 165.4 123.2 184.8
98 62.4 51.9 77.9





#13
Acrolein
Concen: 80.547 ug/l
RT: 3.915 min Scan# 339
Delta R.T. -0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

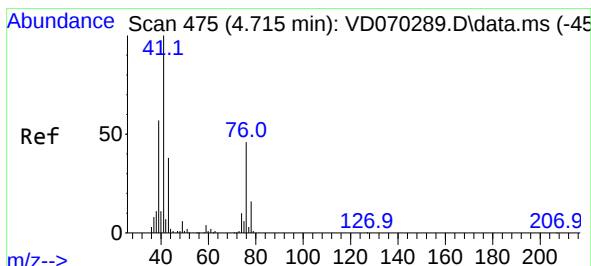
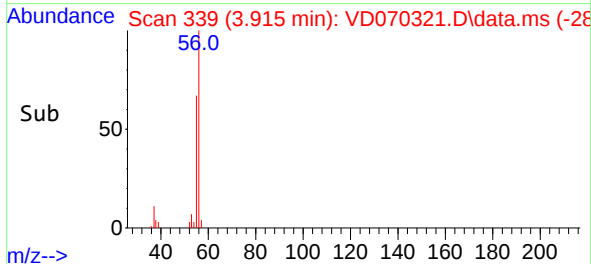
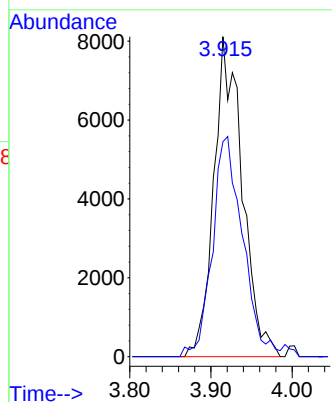
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



Tgt Ion: 56 Resp: 19757
Ion Ratio Lower Upper
56 100
55 73.0 54.2 81.2

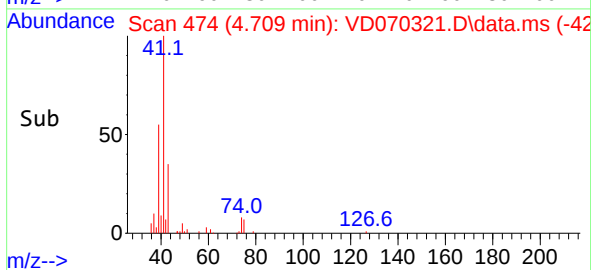
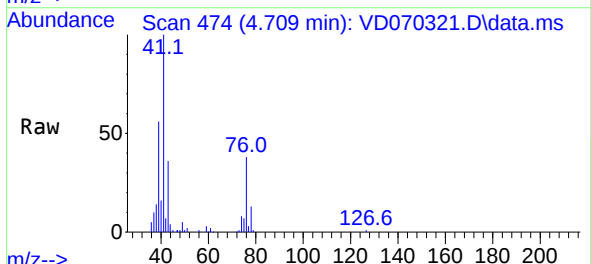
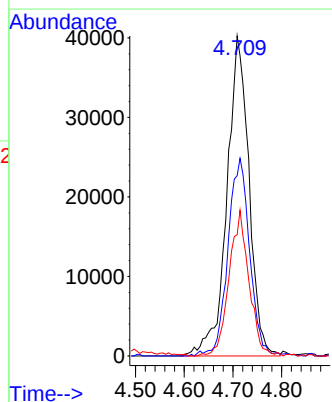
Manual Integrations
APPROVED

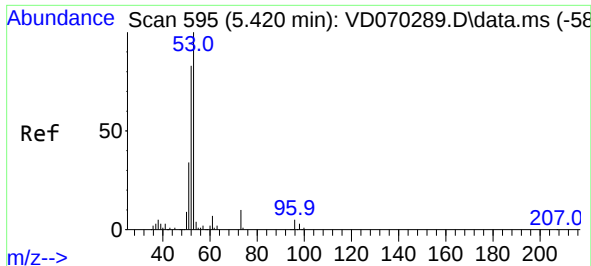
MMDadoda
9/14/2021 10:45:25 AM



#14
Allyl chloride
Concen: 19.281 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

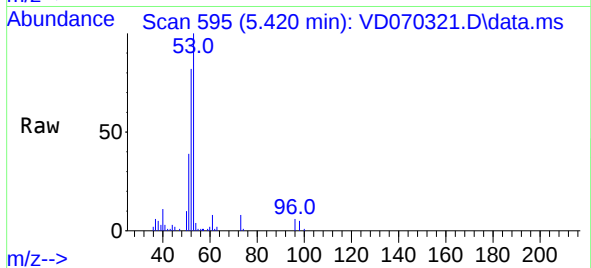
Tgt Ion: 41 Resp: 126757
Ion Ratio Lower Upper
41 100
39 58.6 46.2 69.4
76 40.9 34.1 51.1





#15
Acrylonitrile
Concen: 94.876 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

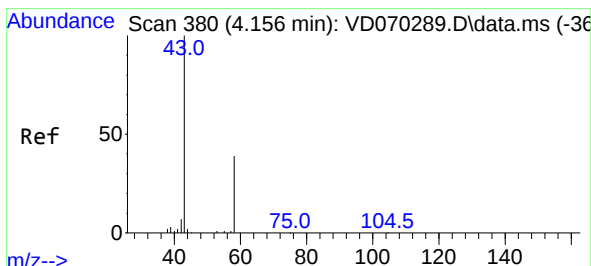
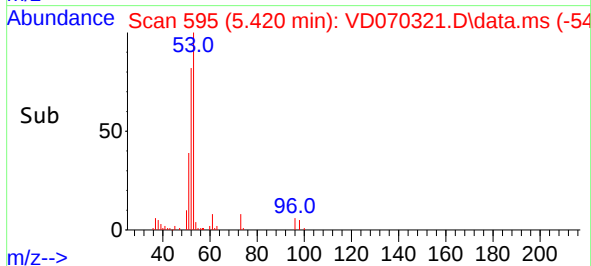
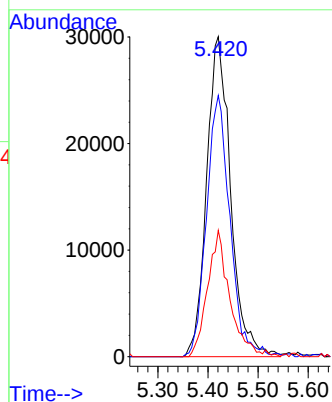
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01



Tgt Ion:	53	Resp:	99933
Ion	Ratio	Lower	Upper
53	100		
52	79.6	64.6	97.0
51	36.3	27.8	41.8

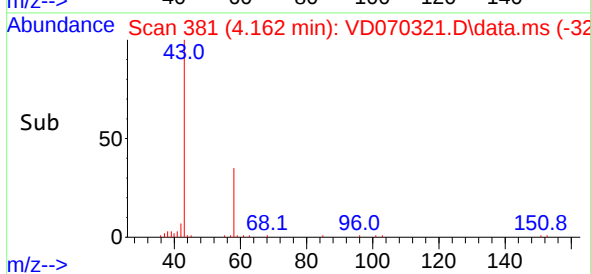
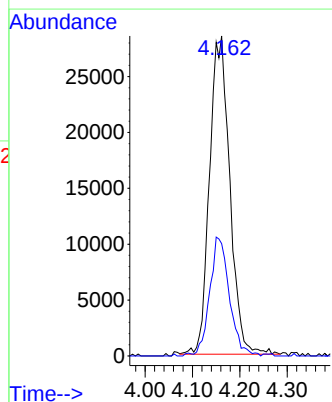
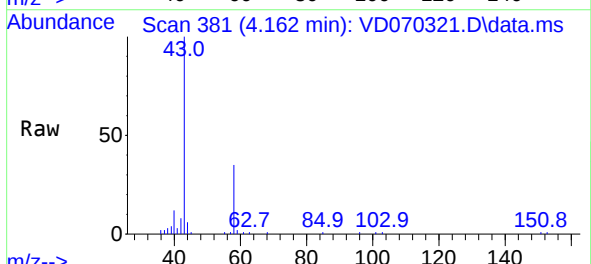
Manual Integrations
APPROVED

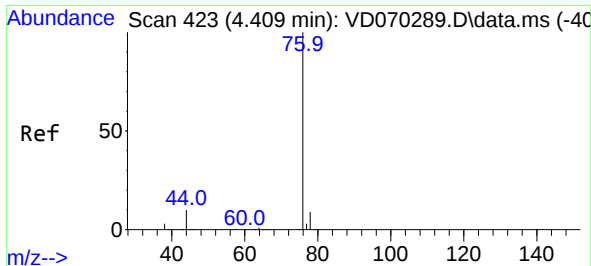
MMDadoda
9/14/2021 10:45:25 AM



#16
Acetone
Concen: 95.974 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion:	43	Resp:	84546
Ion	Ratio	Lower	Upper
43	100		
58	35.3	30.9	46.3





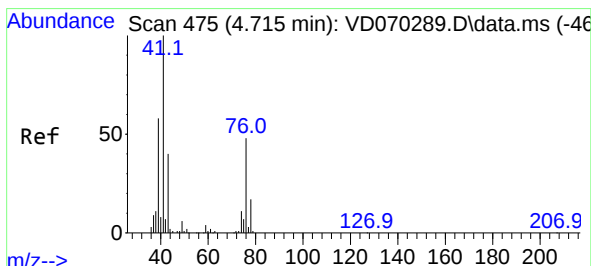
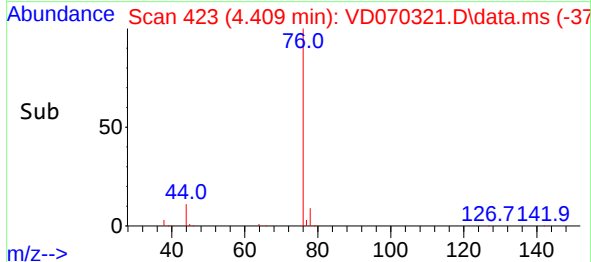
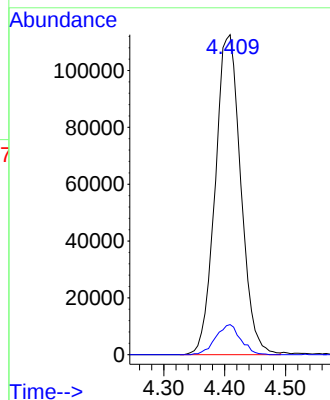
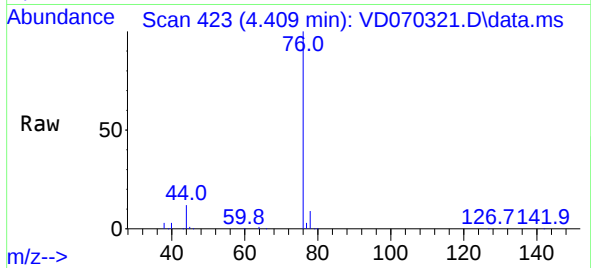
#17
Carbon Disulfide
Concen: 19.872 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 76 Resp: 328010
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

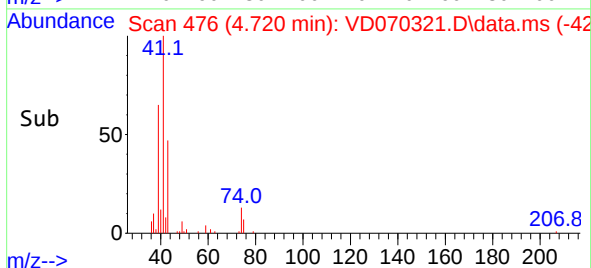
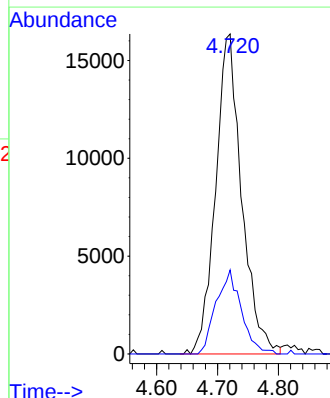
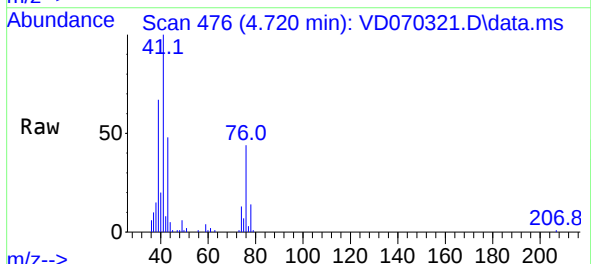
Manual Integrations
APPROVED

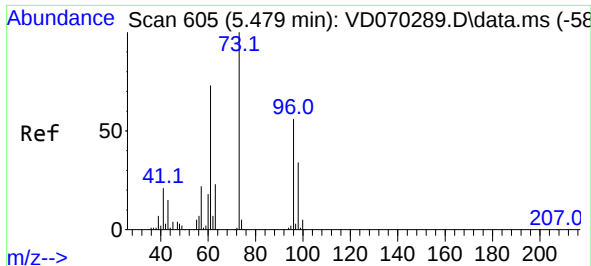
MMDadoda
9/14/2021 10:45:25 AM



#18
Methyl Acetate
Concen: 19.209 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

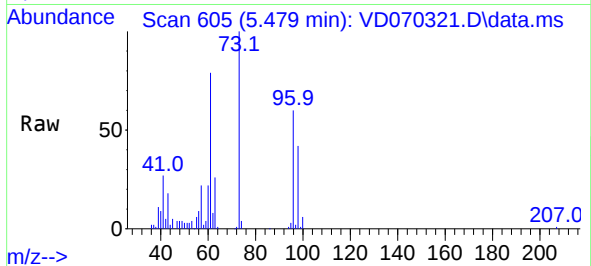
Tgt Ion: 43 Resp: 48695
Ion Ratio Lower Upper
43 100
74 25.3 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 18.599 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

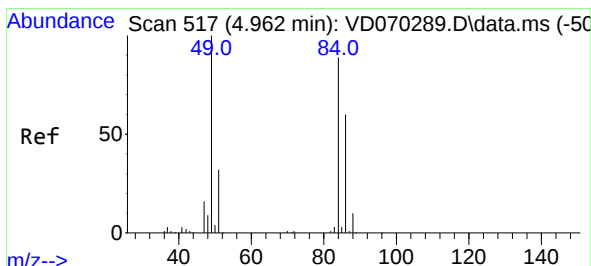
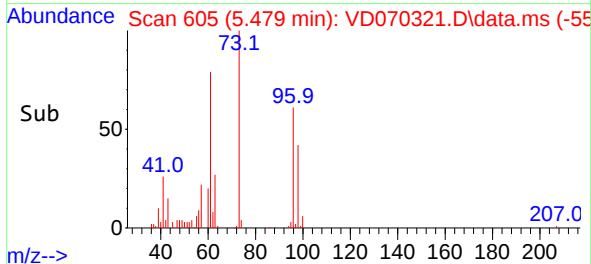
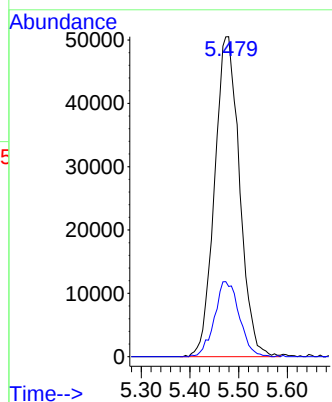
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01



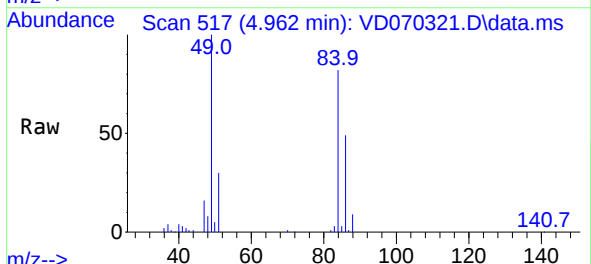
Tgt Ion: 73 Resp: 179815
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5

Manual Integrations
APPROVED

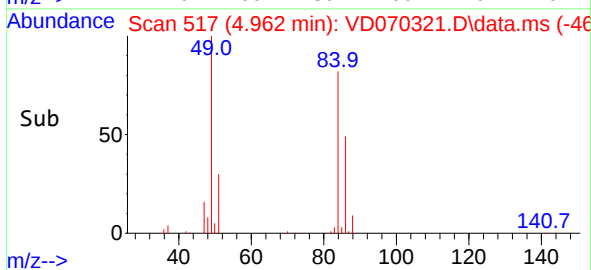
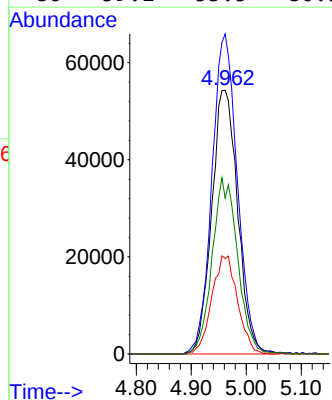
MMDadoda
9/14/2021 10:45:25 AM

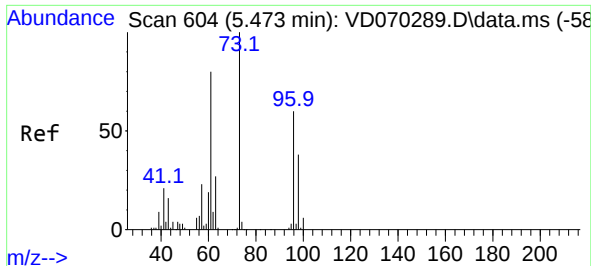


#20
Methylene Chloride
Concen: 29.588 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



Tgt Ion: 84 Resp: 178696
Ion Ratio Lower Upper
84 100
49 121.4 89.6 134.4
51 36.2 28.6 43.0
86 59.1 53.5 80.3





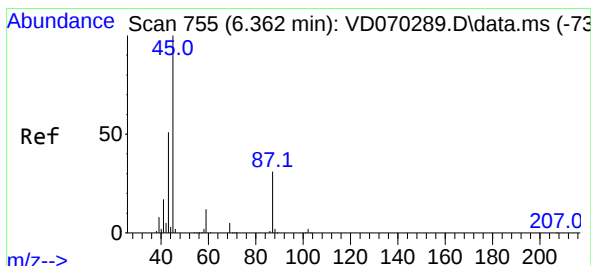
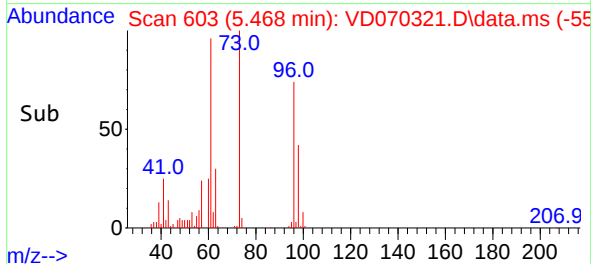
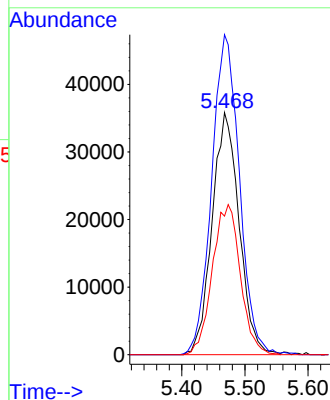
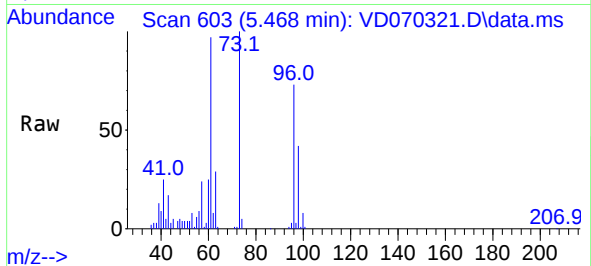
#21
trans-1,2-Dichloroethene
Concen: 19.988 ug/l
RT: 5.468 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 96 Resp: 106445
Ion Ratio Lower Upper
96 100
61 132.2 106.0 159.0
98 57.2 50.5 75.7

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

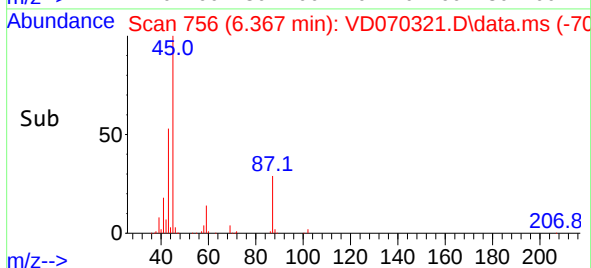
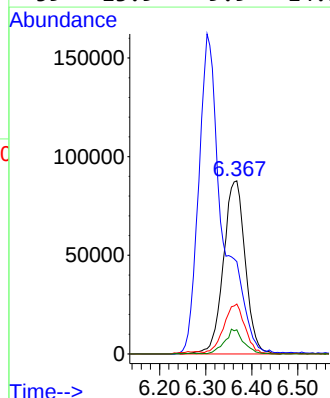
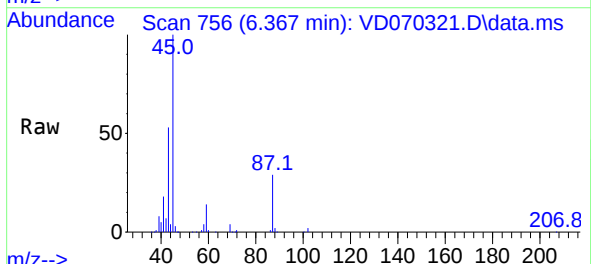
Manual Integrations
APPROVED

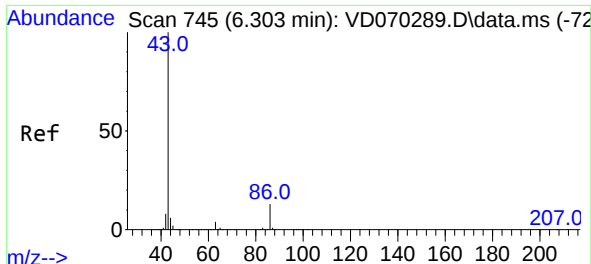
MMDadoda
9/14/2021 10:45:25 AM



#22
Diisopropyl ether
Concen: 20.438 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

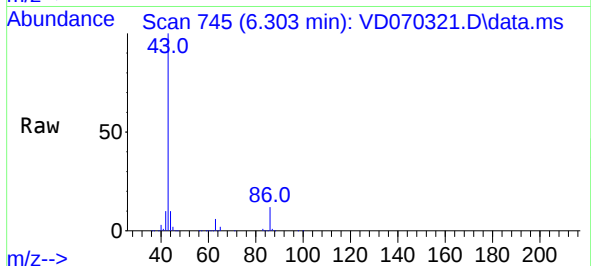
Tgt Ion: 45 Resp: 287581
Ion Ratio Lower Upper
45 100
43 52.6 41.1 61.7
87 28.9 24.6 36.8
59 13.9 9.9 14.9





#23
 Vinyl Acetate
 Concen: 91.168 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD070321.D
 Acq: 13 Sep 2021 12:38

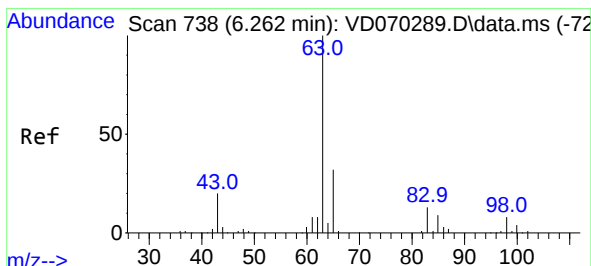
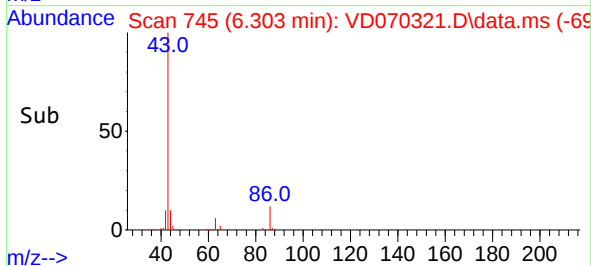
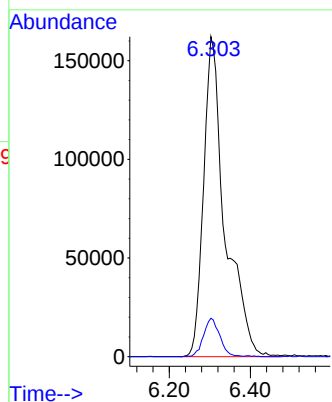
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0913SBS01



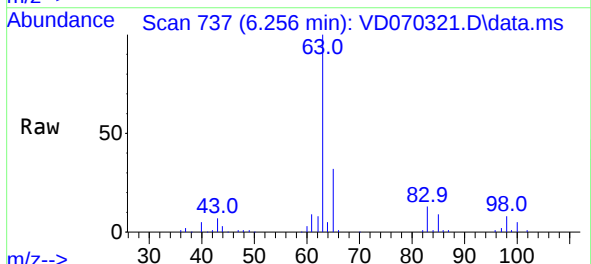
Tgt Ion: 43 Resp: 594284
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.2 15.4

Manual Integrations
 APPROVED

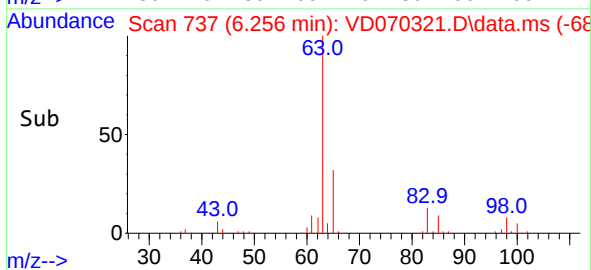
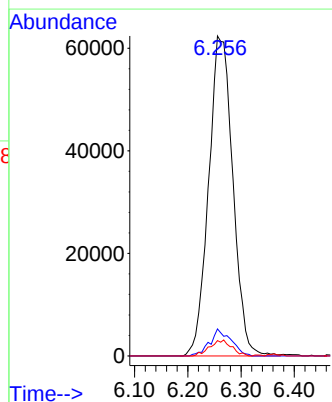
MMDadoda
 9/14/2021 10:45:25 AM

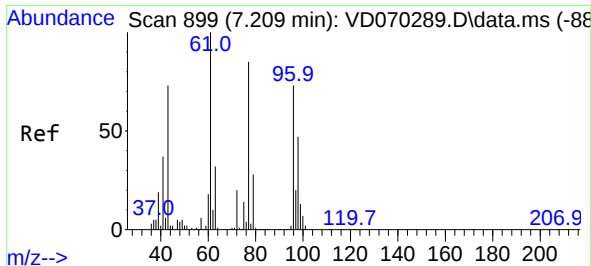


#24
 1,1-Dichloroethane
 Concen: 19.815 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD070321.D
 Acq: 13 Sep 2021 12:38



Tgt Ion: 63 Resp: 197278
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.2 12.4
 100 4.8 2.0 5.8



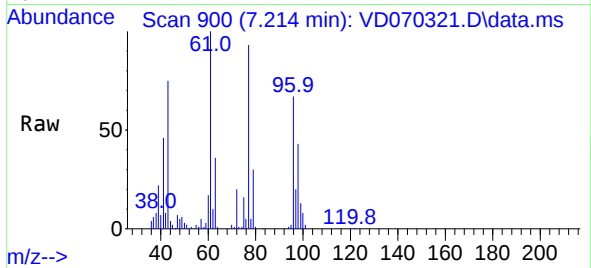


#25
2-Butanone
Concen: 91.196 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

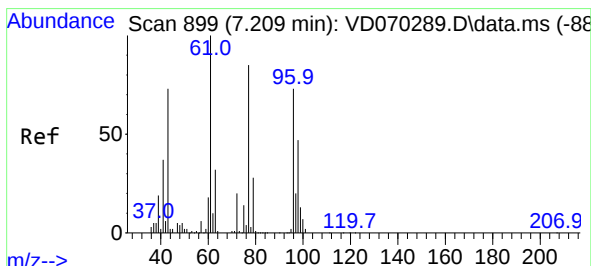
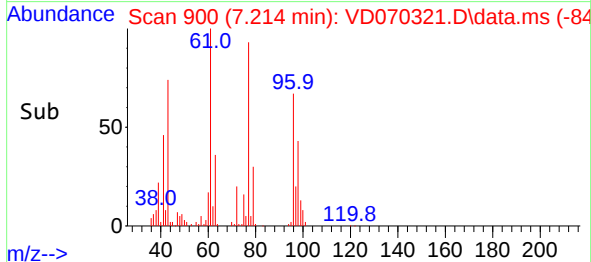
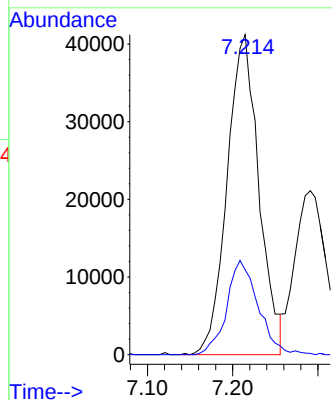
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01

Manual Integrations
APPROVED

MMDadoda
9/14/2021 10:45:25 AM

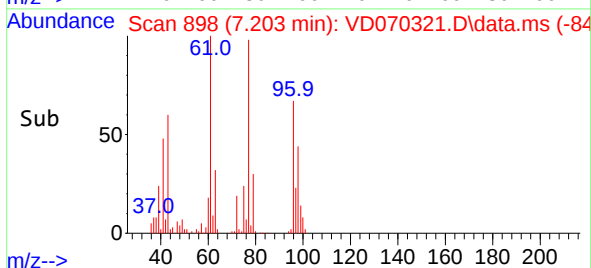
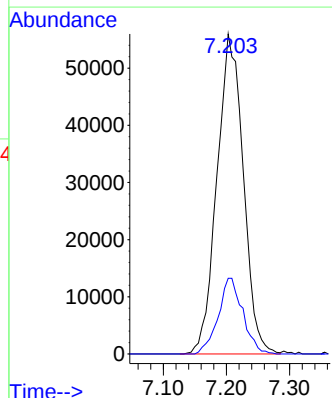
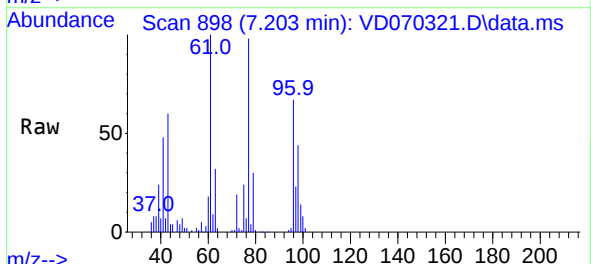


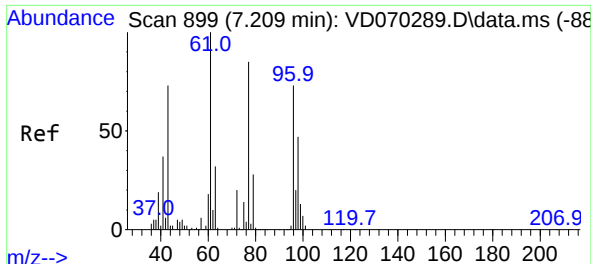
Tgt Ion: 43 Resp: 106941
Ion Ratio Lower Upper
43 100
72 26.5 22.2 33.4



#26
2,2-Dichloropropane
Concen: 20.137 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

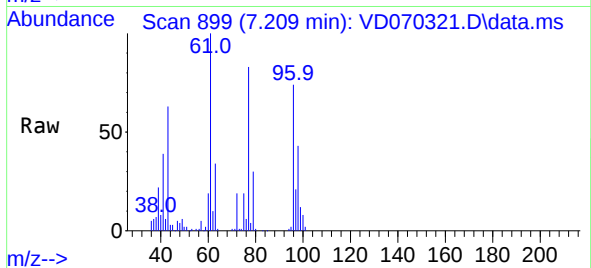
Tgt Ion: 77 Resp: 162049
Ion Ratio Lower Upper
77 100
97 22.1 11.9 35.9





#27
cis-1,2-Dichloroethene
Concen: 19.383 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

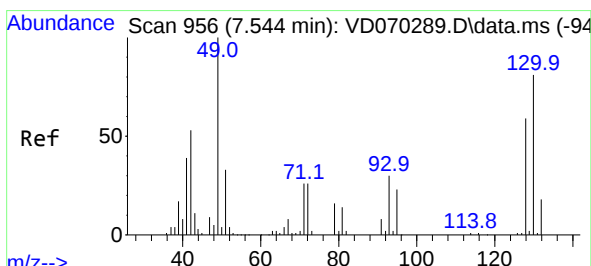
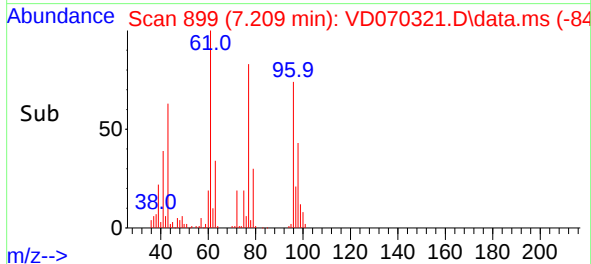
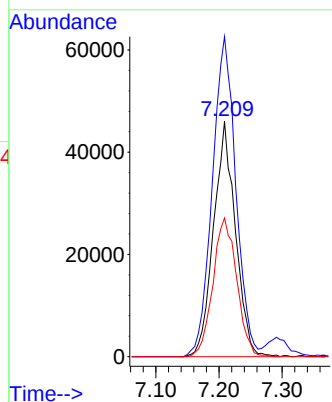
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



Tgt Ion: 96 Resp: 110883
Ion Ratio Lower Upper
96 100
61 145.9 0.0 277.4
98 63.9 0.0 130.0

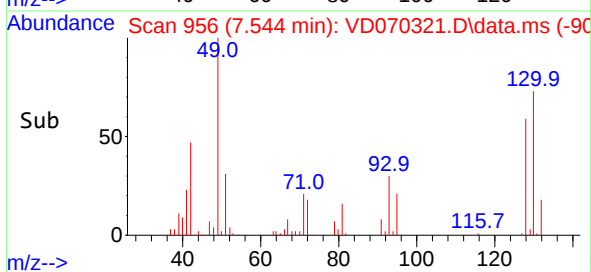
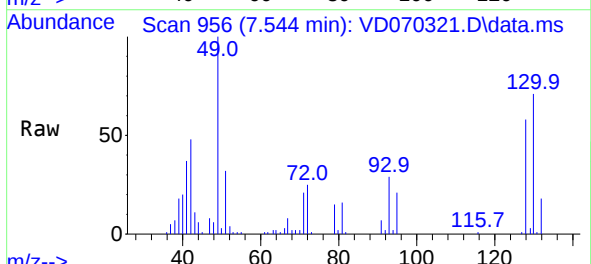
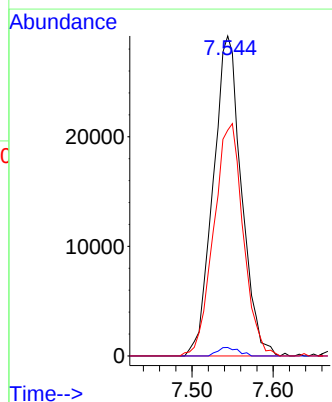
Manual Integrations
APPROVED

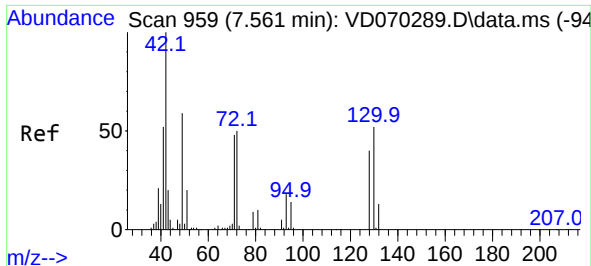
MMDadoda
9/14/2021 10:45:25 AM



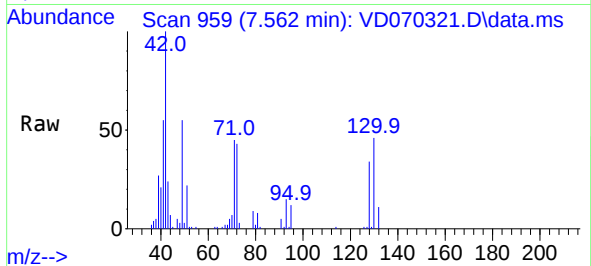
#28
Bromochloromethane
Concen: 17.862 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 49 Resp: 70559
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.4
130 75.7 65.0 97.6

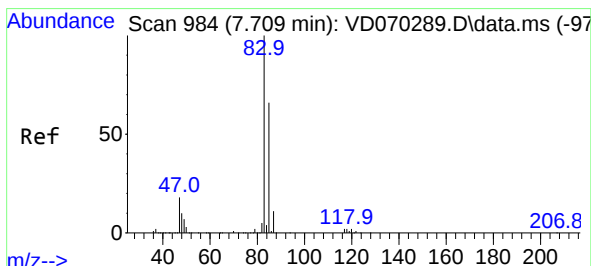
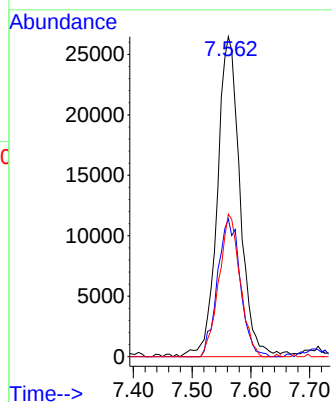
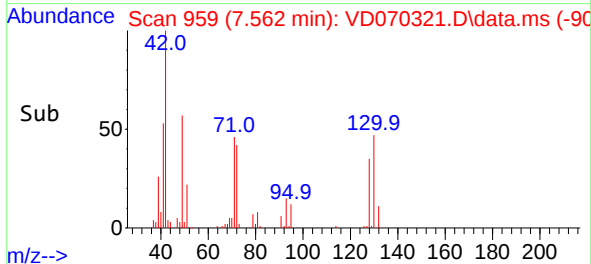




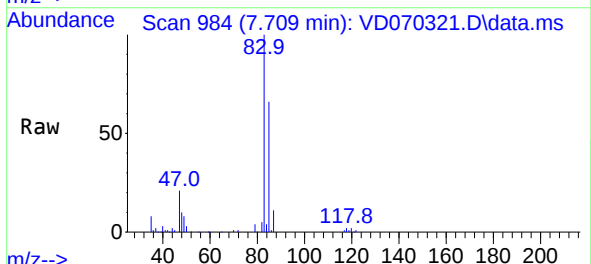
#29
Tetrahydrofuran
Concen: 93.756 ug/l
RT: 7.562 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



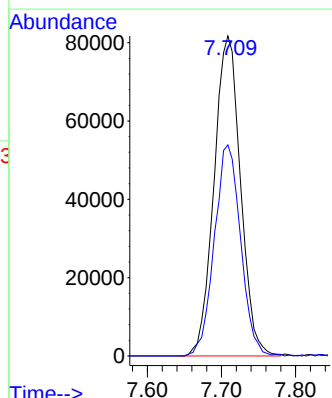
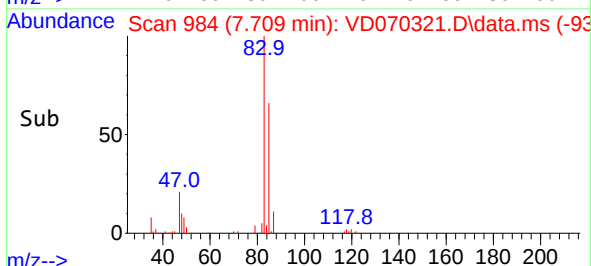
Tgt Ion: 42 Resp: 70576
Ion Ratio Lower Upper
42 100
72 43.4 38.8 58.2
71 41.7 37.8 56.6



#30
Chloroform
Concen: 19.880 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



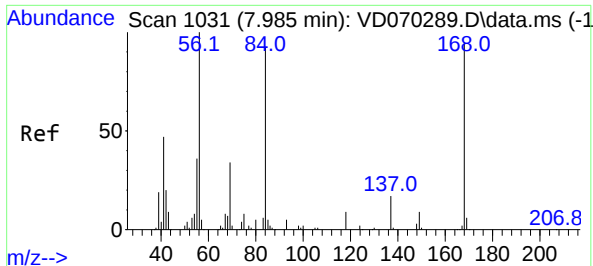
Tgt Ion: 83 Resp: 202913
Ion Ratio Lower Upper
83 100
85 66.0 52.5 78.7



Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

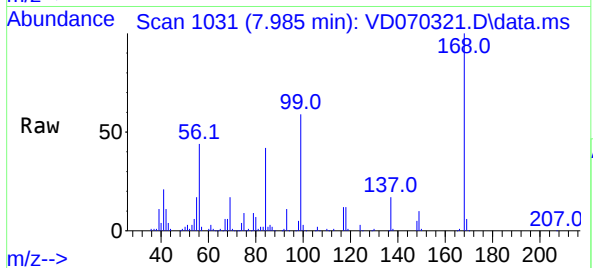
Manual Integrations
APPROVED

MMDadoda
9/14/2021 10:45:25 AM



#31
Cyclohexane
Concen: 19.686 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

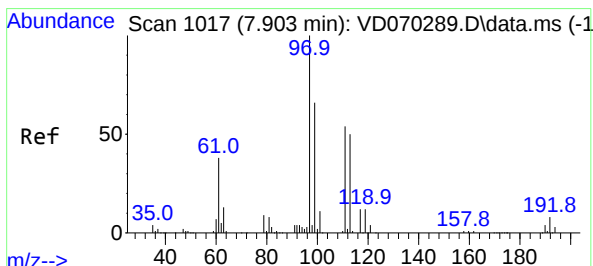
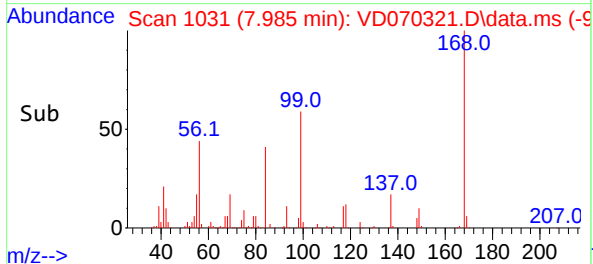
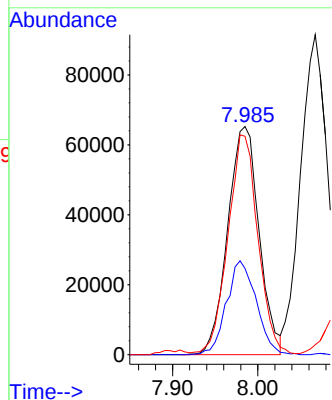
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



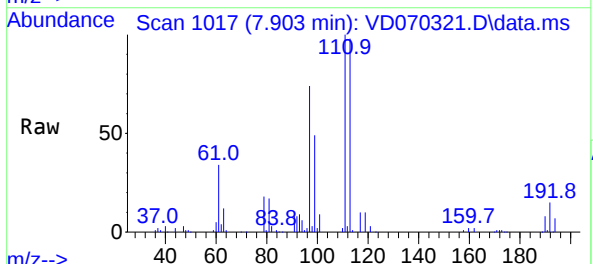
Tgt Ion: 56 Resp: 167324
Ion Ratio Lower Upper
56 100
69 37.4 26.9 40.3
84 93.6 73.6 110.4

Manual Integrations
APPROVED

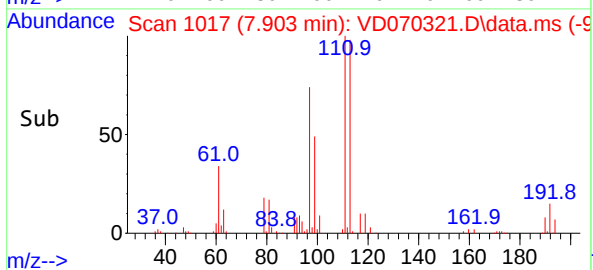
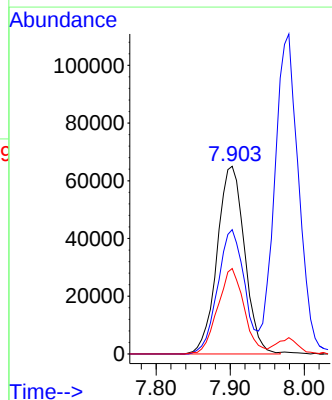
MMDadoda
9/14/2021 10:45:25 AM

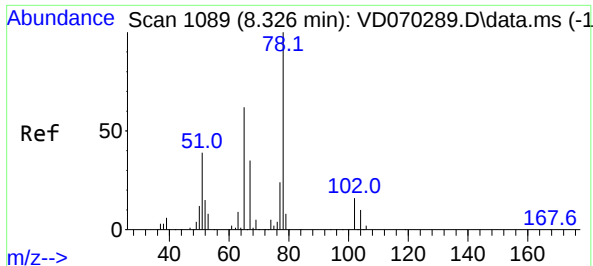


#32
1,1,1-Trichloroethane
Concen: 19.485 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



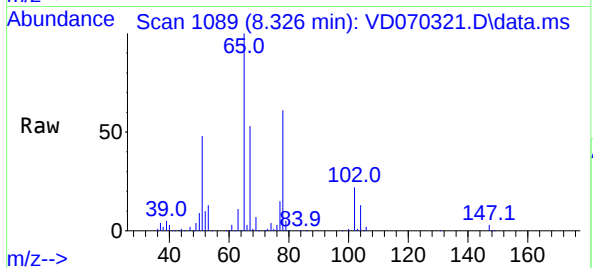
Tgt Ion: 97 Resp: 167400
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 43.8 31.4 47.0





#33
1,2-Dichloroethane-d4
Concen: 47.936 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

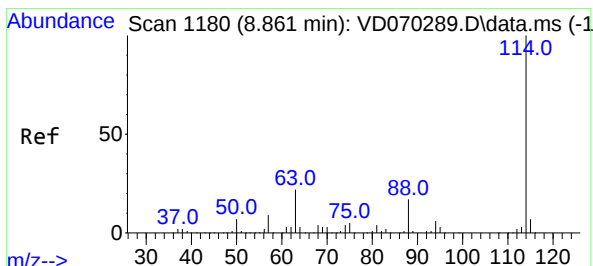
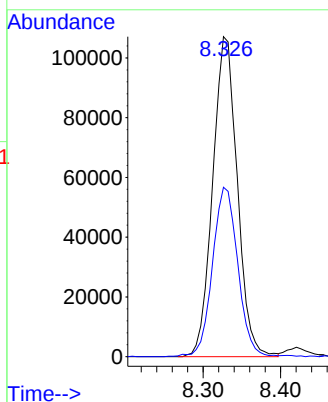
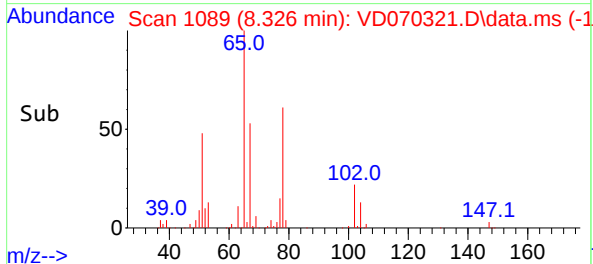
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



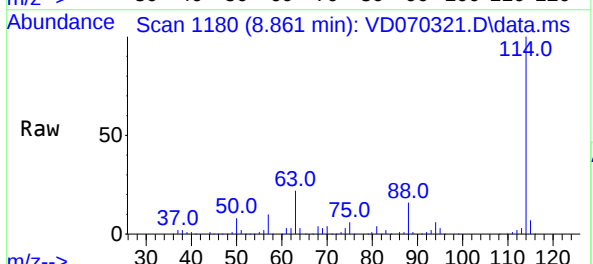
Tgt Ion: 65 Resp: 236527
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.4

Manual Integrations
APPROVED

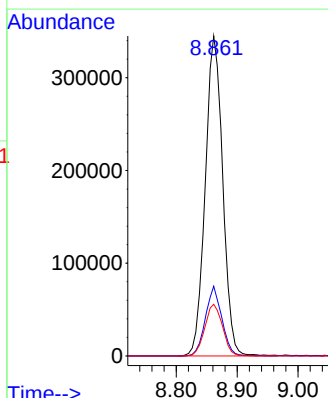
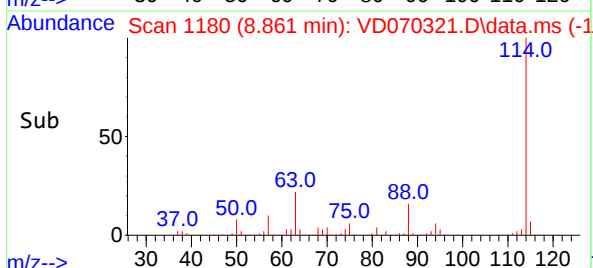
MMDadoda
9/14/2021 10:45:25 AM

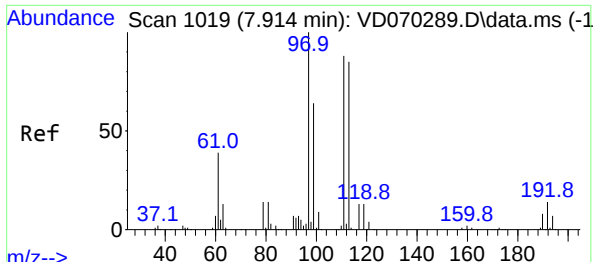


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

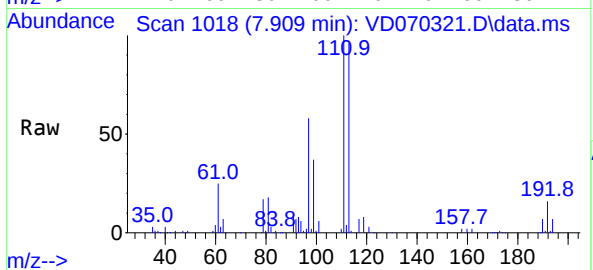


Tgt Ion: 114 Resp: 688350
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.4
88 16.1 0.0 33.4

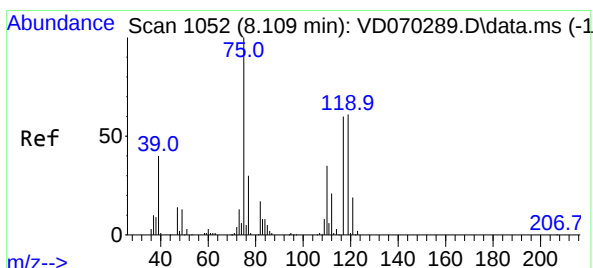
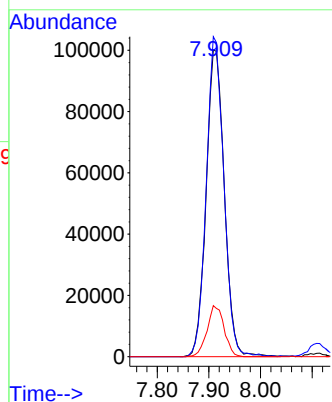
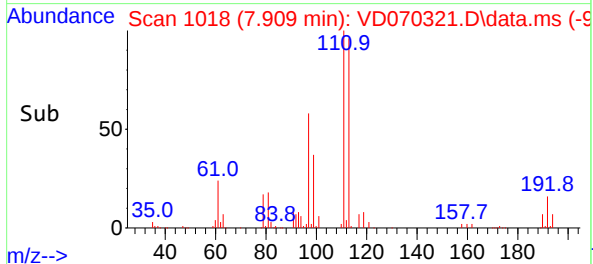




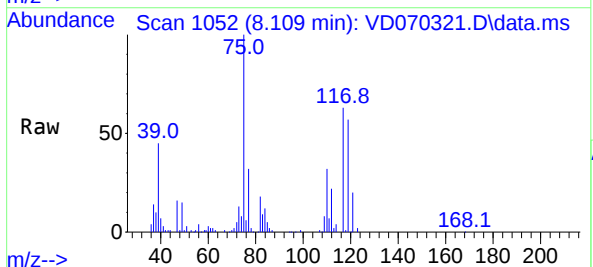
#35
Dibromofluoromethane
Concen: 49.919 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



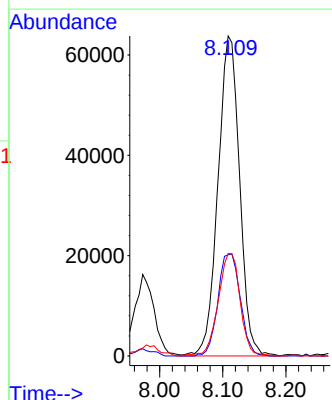
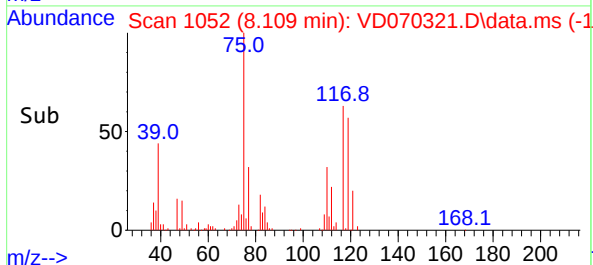
Tgt Ion: 113 Resp: 244591
Ion Ratio Lower Upper
113 100
111 100.8 81.4 122.2
192 15.6 13.0 19.6



#36
1,1-Dichloropropene
Concen: 20.636 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



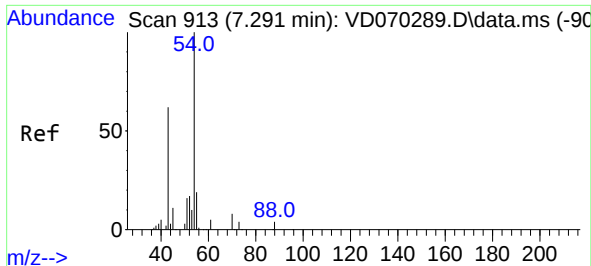
Tgt Ion: 75 Resp: 151832
Ion Ratio Lower Upper
75 100
110 32.9 17.9 53.7
77 32.5 25.3 37.9



Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01

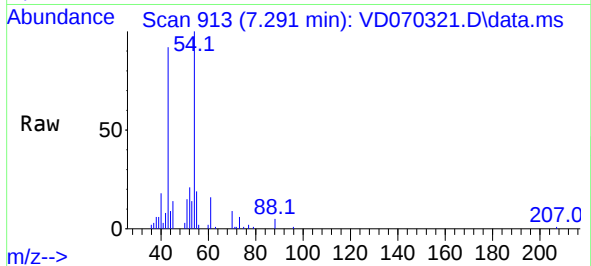
Manual Integrations
APPROVED

MMDadoda
9/14/2021 10:45:25 AM



#37
Ethyl Acetate
Concen: 20.347 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

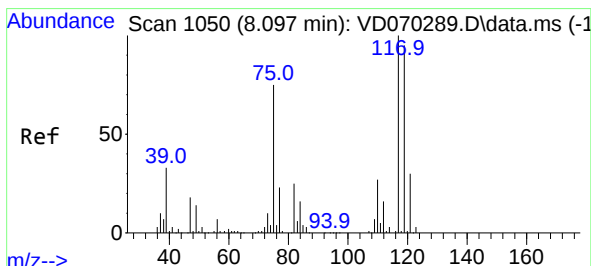
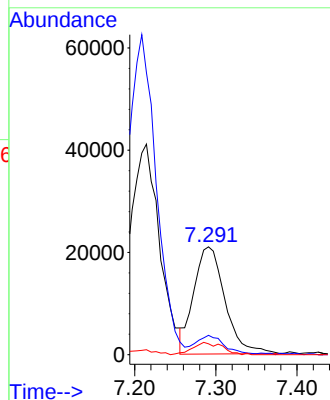
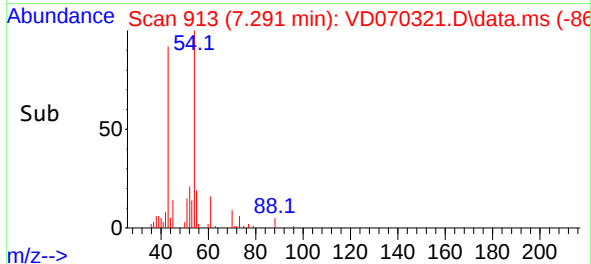
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



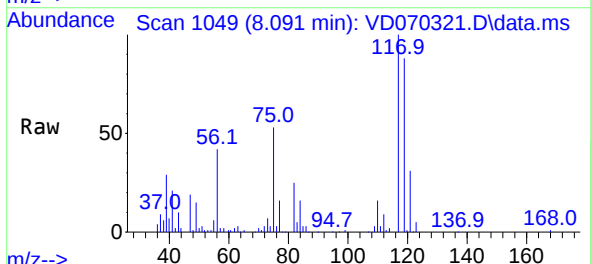
Tgt Ion:	43	Resp:	55981
Ion	Ratio	Lower	Upper
43	100		
61	14.3	13.0	19.6
70	10.9	9.8	14.6

Manual Integrations
APPROVED

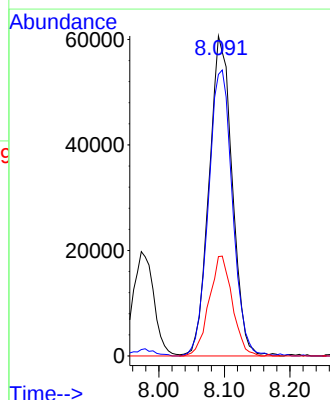
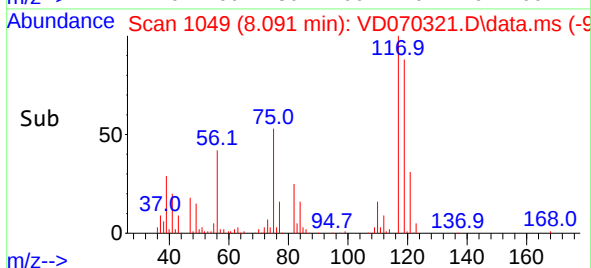
MMDadoda
9/14/2021 10:45:25 AM

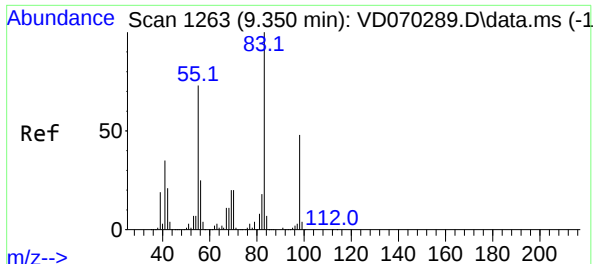


#38
Carbon Tetrachloride
Concen: 20.440 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



Tgt Ion:	117	Resp:	148738
Ion	Ratio	Lower	Upper
117	100		
119	88.0	76.1	114.1
121	31.0	23.8	35.6





#39

Methylcyclohexane

Concen: 19.342 ug/l

RT: 9.356 min Scan# 1264

Delta R.T. 0.006 min

Lab File: VD070321.D

Acq: 13 Sep 2021 12:38

Tgt Ion:	83	Resp:	158982
Ion	Ratio	Lower	Upper
83	100		
55	79.6	58.5	87.7
98	44.2	38.4	57.6

Instrument :

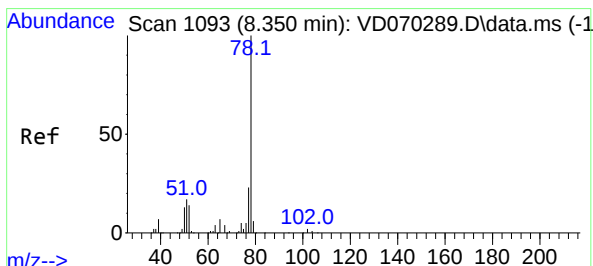
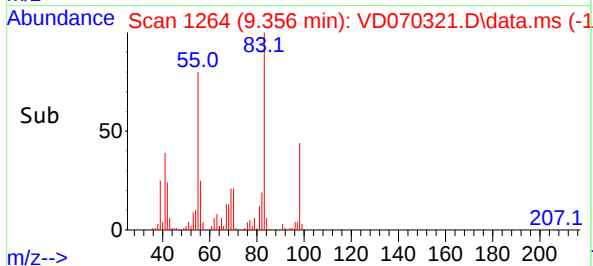
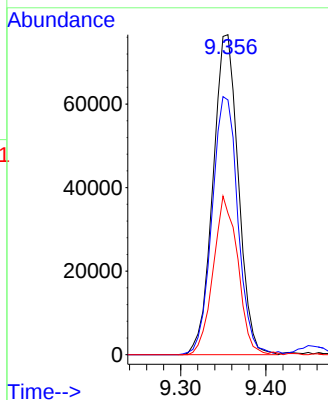
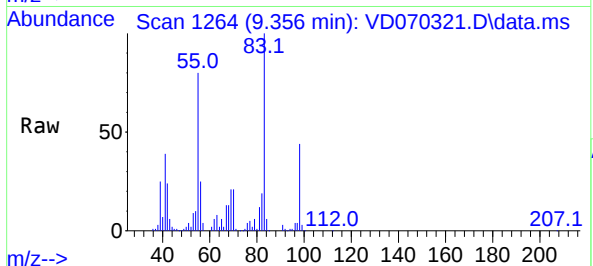
MSVOA_D

ClientSampleId :

VD0913SBS01

Manual Integrations
APPROVED

MMDadoda
9/14/2021 10:45:25 AM



#40

Benzene

Concen: 20.362 ug/l

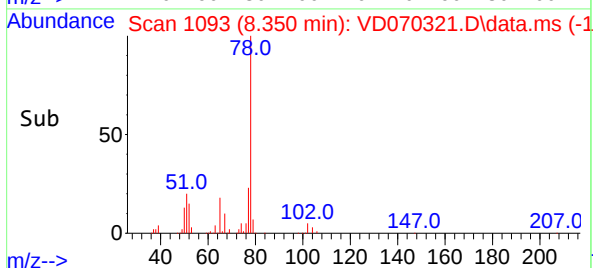
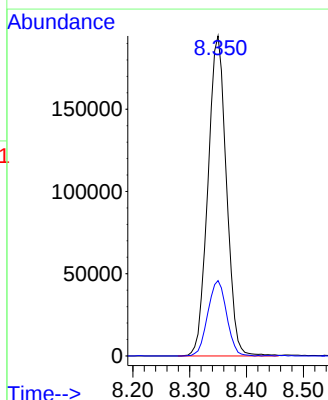
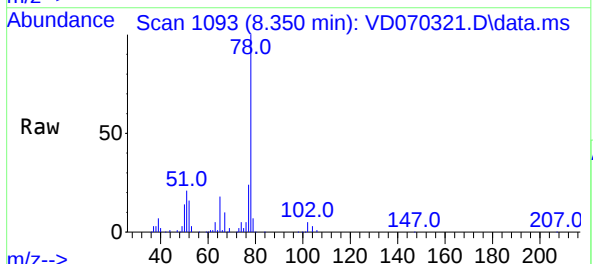
RT: 8.350 min Scan# 1093

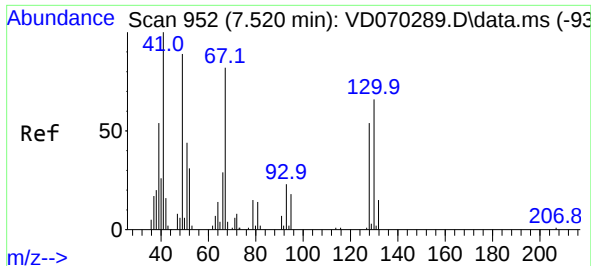
Delta R.T. 0.000 min

Lab File: VD070321.D

Acq: 13 Sep 2021 12:38

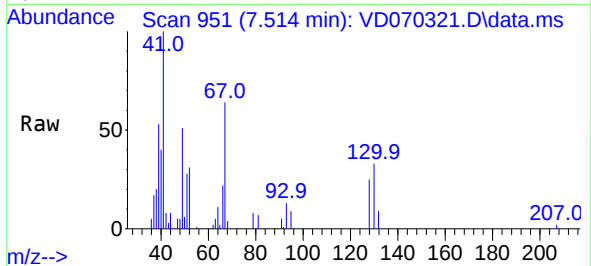
Tgt Ion:	78	Resp:	439030
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.4	27.6





#41
Methacrylonitrile
Concen: 18.549 ug/l
RT: 7.514 min Scan# 951
Delta R.T. -0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

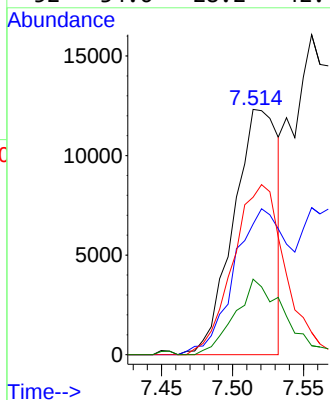
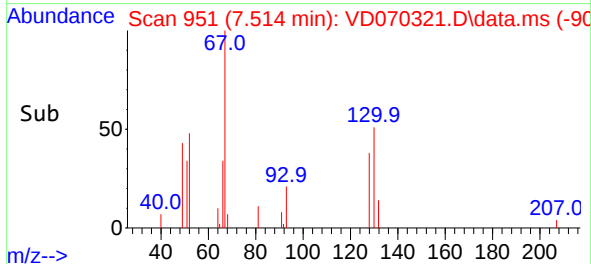
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



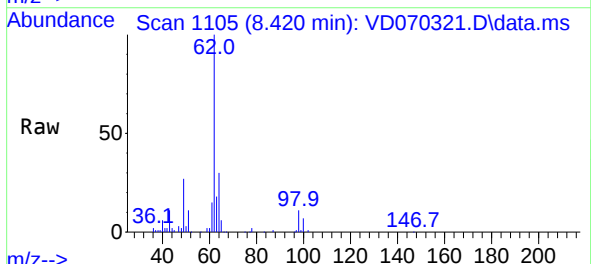
Tgt Ion: 41 Resp: 26850
Ion Ratio Lower Upper
41 100
39 73.0 45.7 68.5#
67 81.1 74.0 111.0
52 34.6 28.2 42.4

Manual Integrations
APPROVED

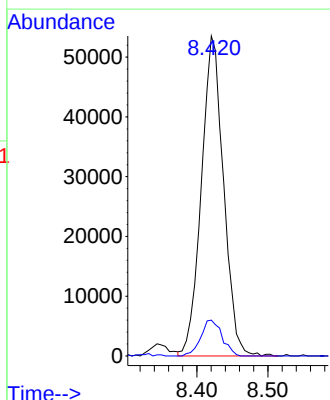
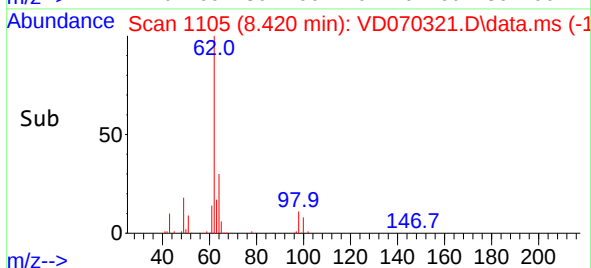
MMDadoda
9/14/2021 10:45:25 AM

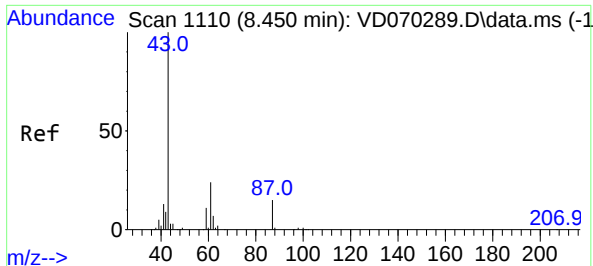


#42
1,2-Dichloroethane
Concen: 20.126 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



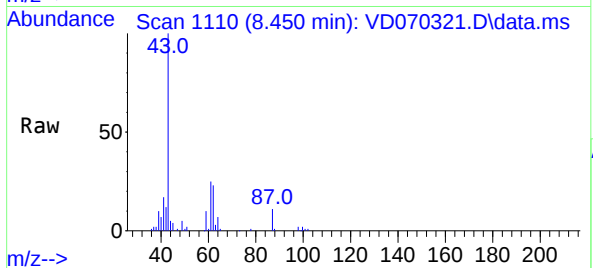
Tgt Ion: 62 Resp: 116222
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.4





#43
Isopropyl Acetate
Concen: 19.203 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

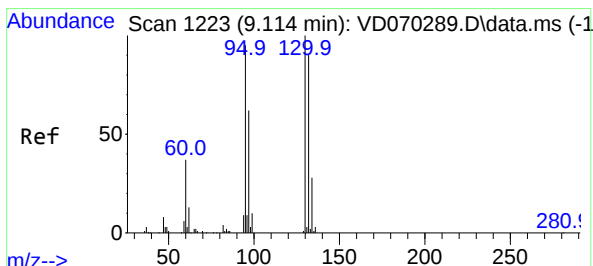
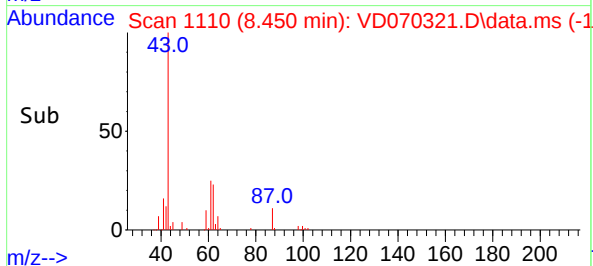
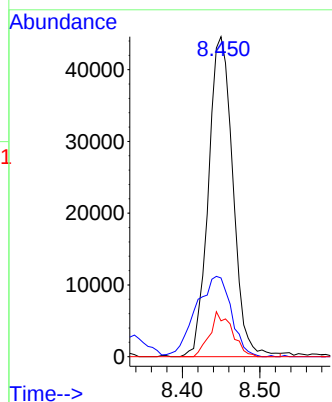
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



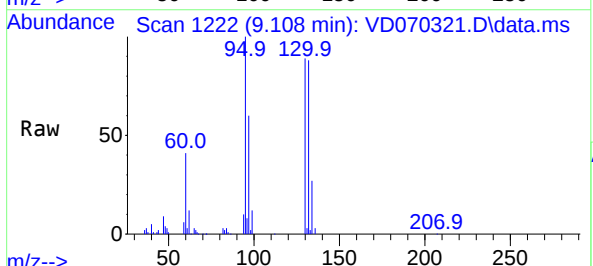
Tgt Ion: 43 Resp: 97689
Ion Ratio Lower Upper
43 100
61 36.3 29.0 43.6
87 12.8 12.8 19.2

Manual Integrations
APPROVED

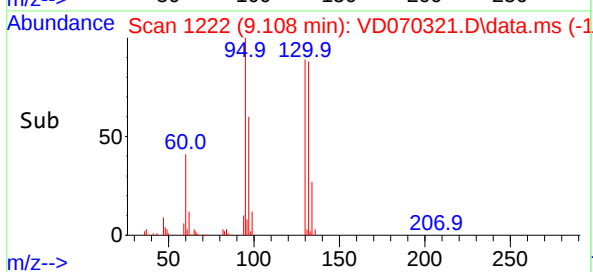
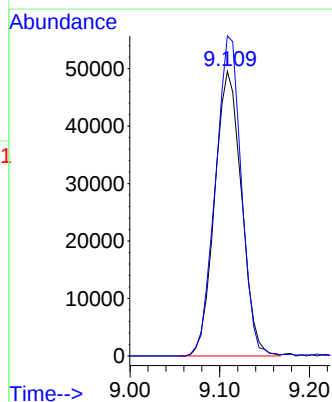
MMDadoda
9/14/2021 10:45:25 AM

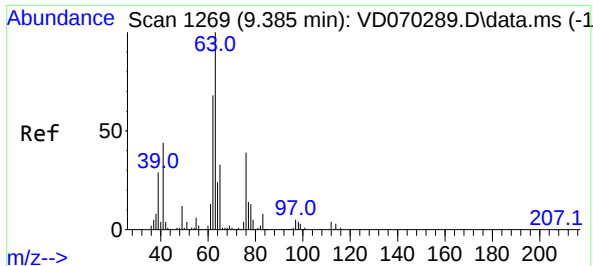


#44
Trichloroethene
Concen: 20.008 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



Tgt Ion: 130 Resp: 103102
Ion Ratio Lower Upper
130 100
95 112.4 0.0 190.0

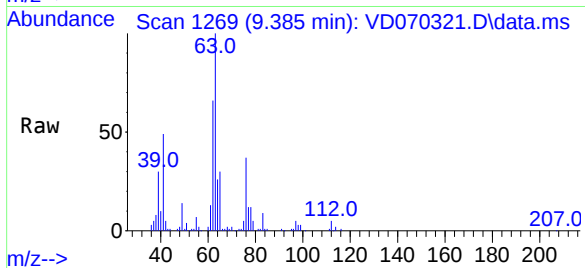




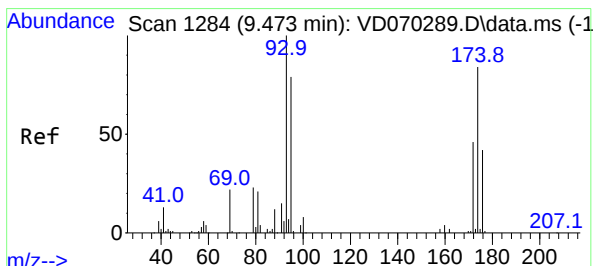
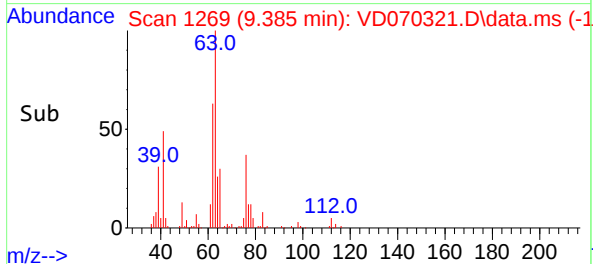
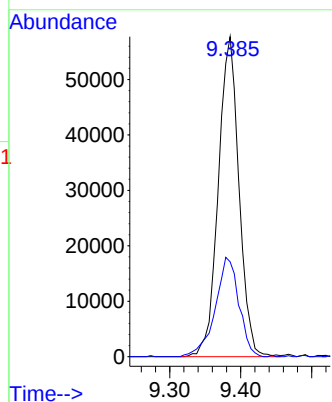
#45

1,2-Dichloropropane
Concen: 20.598 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01

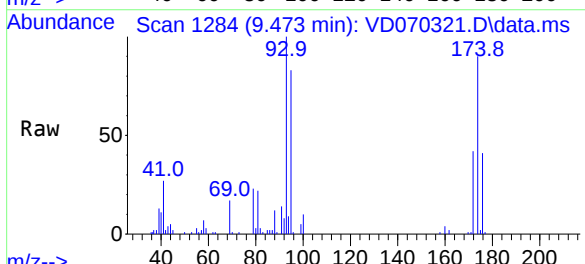


Tgt Ion: 63 Resp: 116520
Ion Ratio Lower Upper
63 100
65 29.7 26.2 39.2

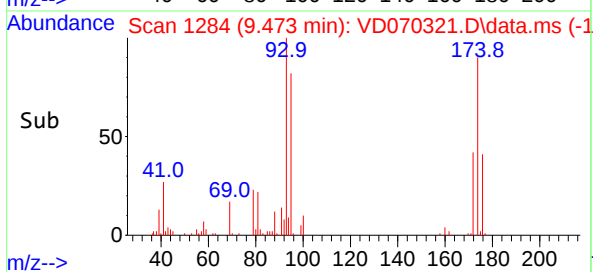
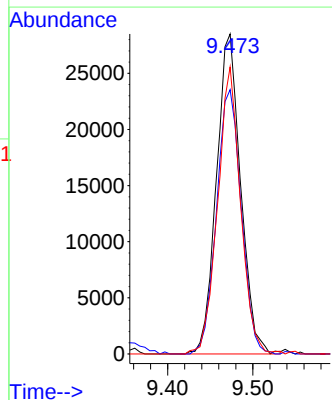


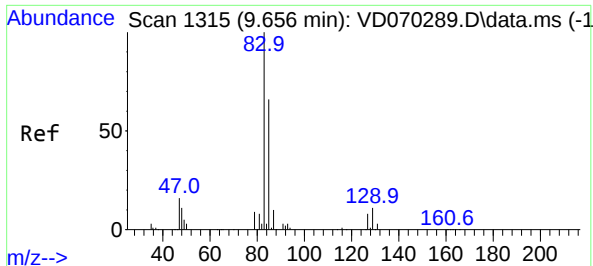
#46

Dibromomethane
Concen: 19.310 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



Tgt Ion: 93 Resp: 56249
Ion Ratio Lower Upper
93 100
95 84.4 67.3 100.9
174 84.7 69.2 103.8





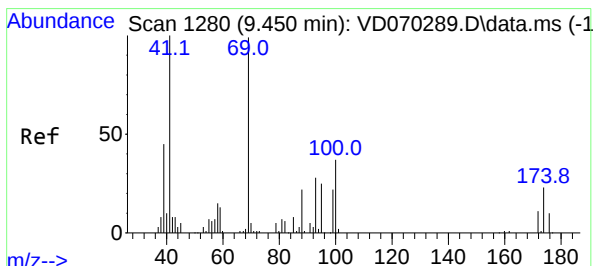
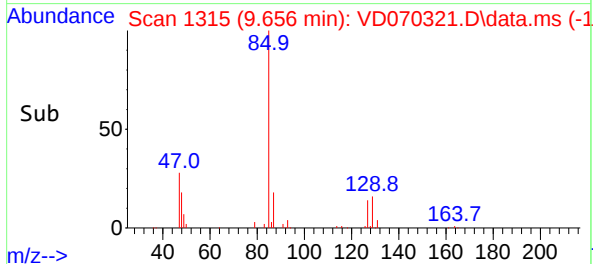
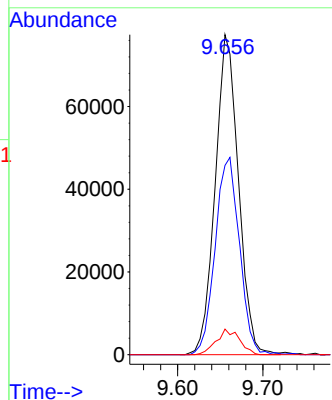
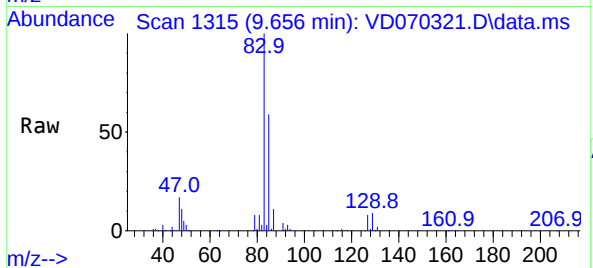
#47
Bromodichloromethane
Concen: 19.793 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 83 Resp: 147092
Ion Ratio Lower Upper
83 100
85 59.2 53.0 79.6
127 8.0 6.3 9.5

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

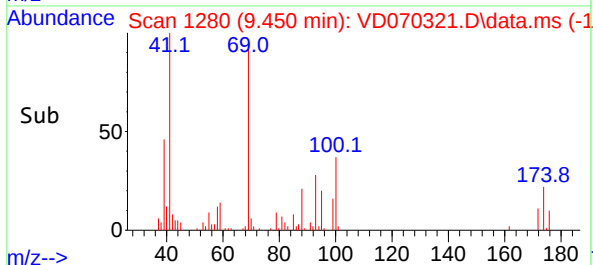
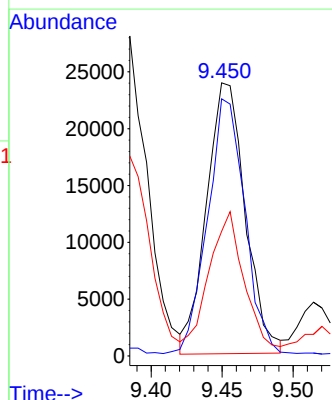
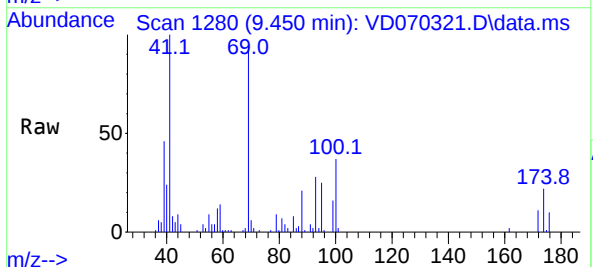
Manual Integrations
APPROVED

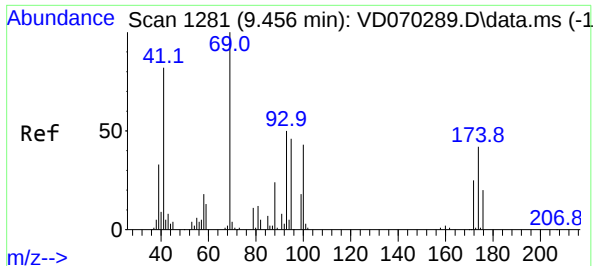
MMDadoda
9/14/2021 10:45:25 AM



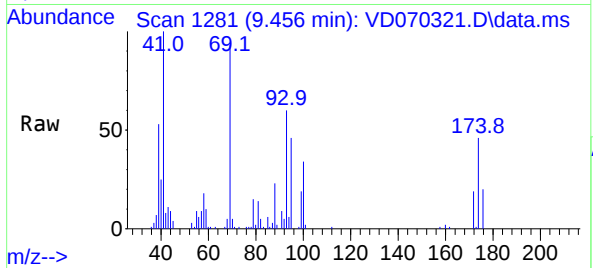
#48
Methyl methacrylate
Concen: 19.255 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 41 Resp: 45225
Ion Ratio Lower Upper
41 100
69 93.6 79.8 119.8
39 43.3 34.4 51.6

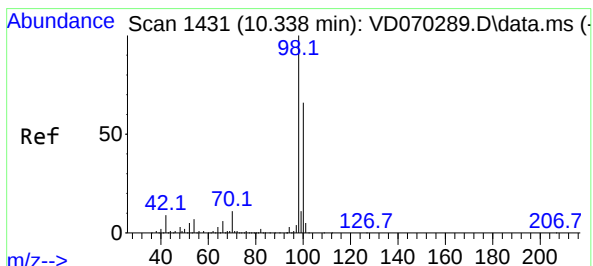
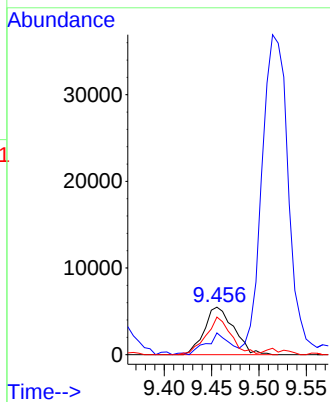
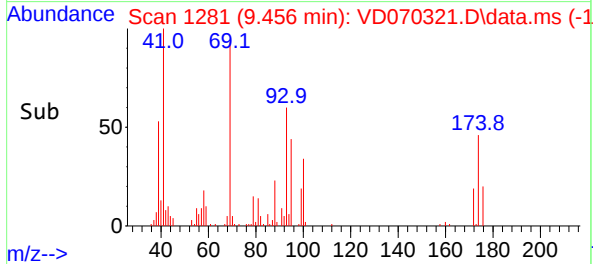




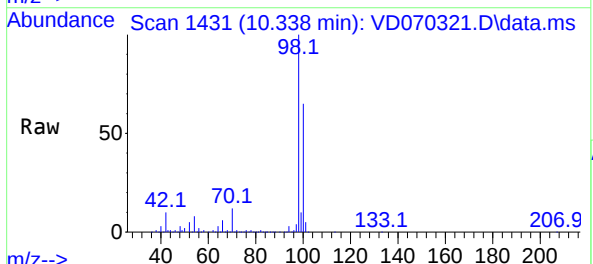
#49
1,4-Dioxane
Concen: 405.977 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



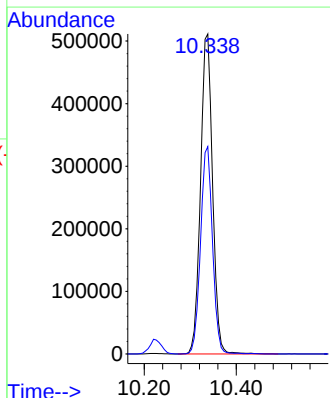
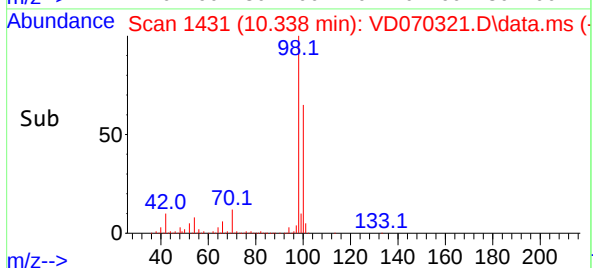
Tgt Ion: 88 Resp: 11845
Ion Ratio Lower Upper
88 100
43 30.9 22.4 33.6
58 67.4 54.2 81.4



#50
Toluene-d8
Concen: 52.347 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



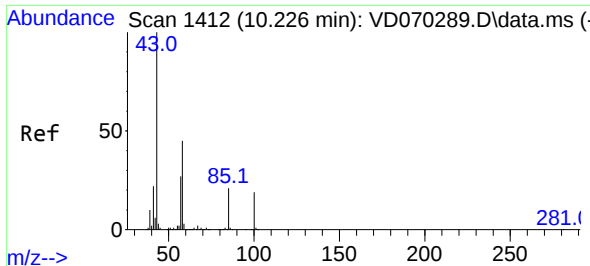
Tgt Ion: 98 Resp: 931244
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

Manual Integrations
APPROVED

MMDadoda
9/14/2021 10:45:25 AM



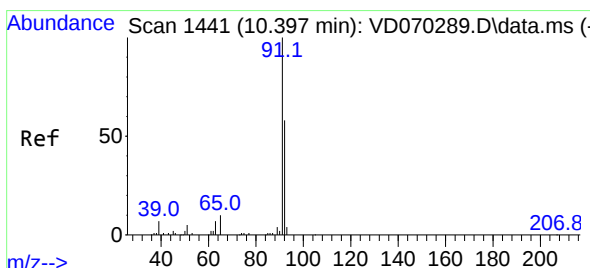
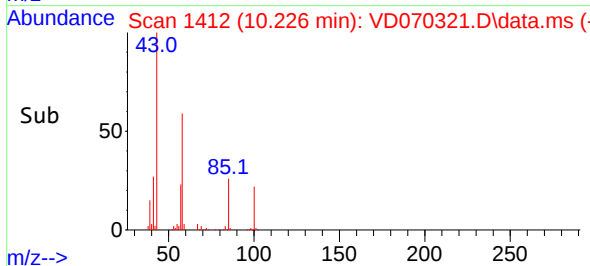
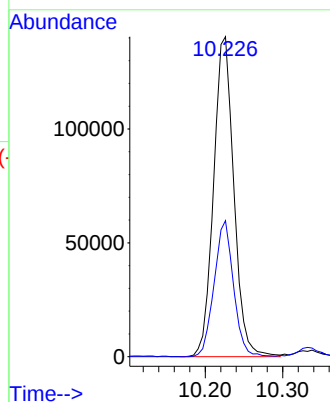
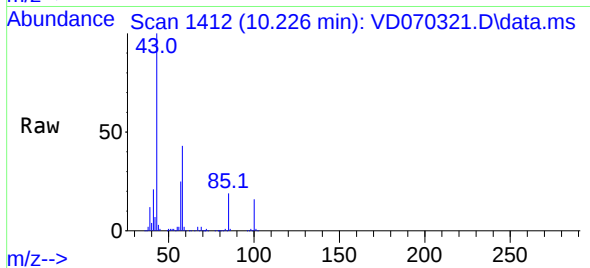
#51
4-Methyl-2-Pentanone
Concen: 96.960 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 43 Resp: 255234
Ion Ratio Lower Upper
43 100
58 40.7 35.4 53.2

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01

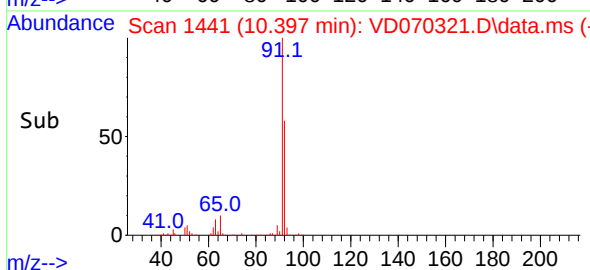
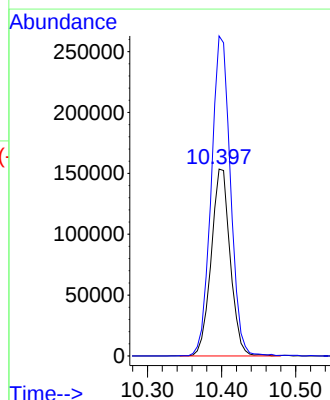
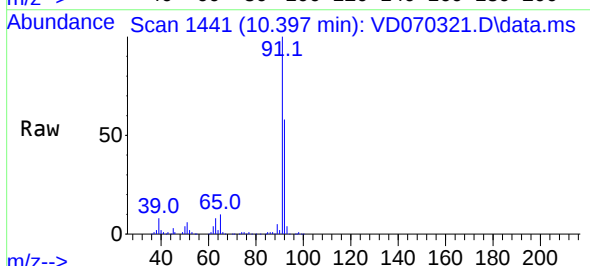
Manual Integrations
APPROVED

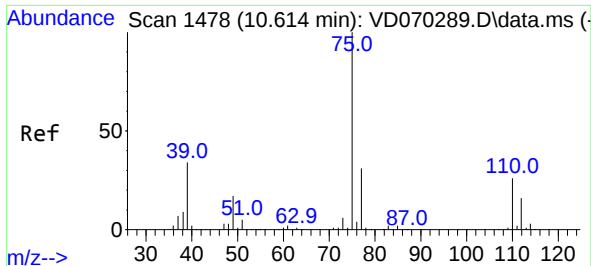
MMDadoda
9/14/2021 10:45:25 AM



#52
Toluene
Concen: 20.997 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 92 Resp: 273548
Ion Ratio Lower Upper
92 100
91 173.3 136.2 204.2





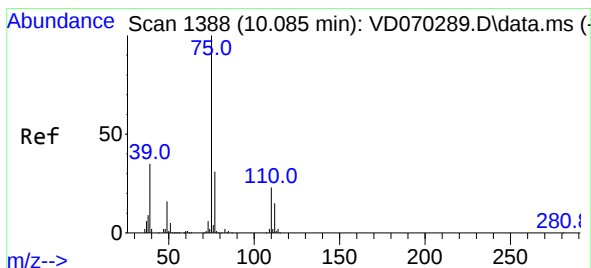
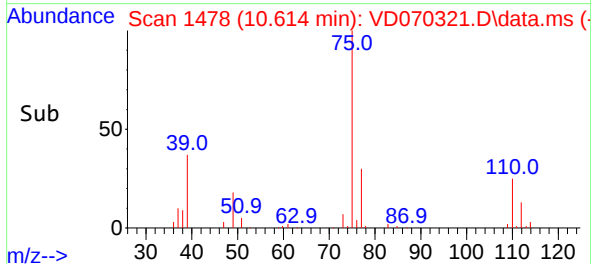
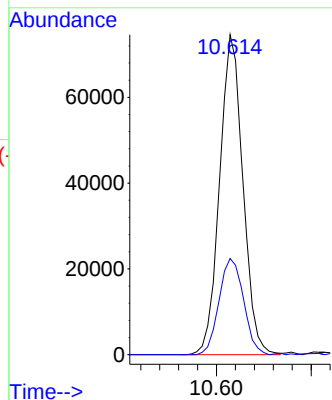
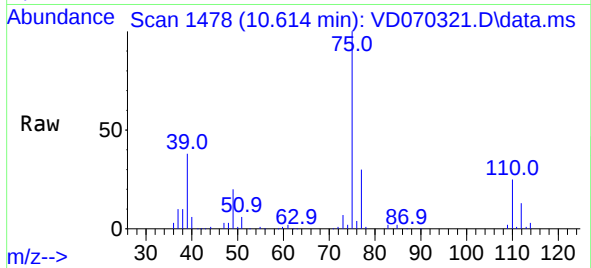
#53
t-1,3-Dichloropropene
Concen: 19.924 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 75 Resp: 127369
Ion Ratio Lower Upper
75 100
77 30.1 24.6 37.0

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

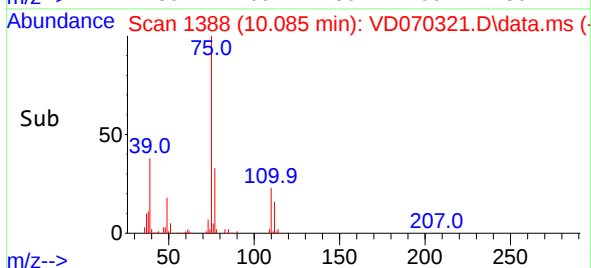
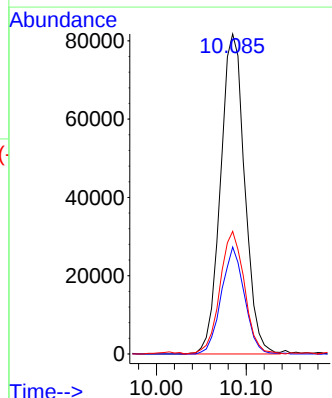
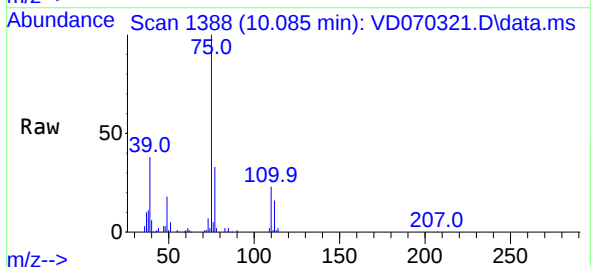
Manual Integrations
APPROVED

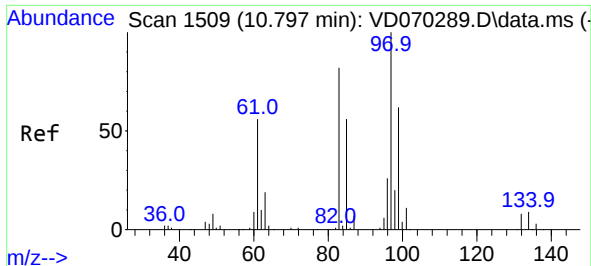
MMDadoda
9/14/2021 10:45:25 AM



#54
cis-1,3-Dichloropropene
Concen: 19.613 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 75 Resp: 152583
Ion Ratio Lower Upper
75 100
77 33.4 24.8 37.2
39 38.1 27.8 41.6





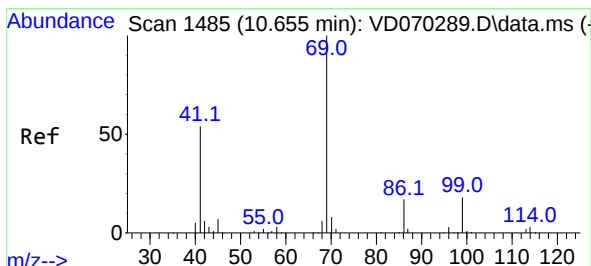
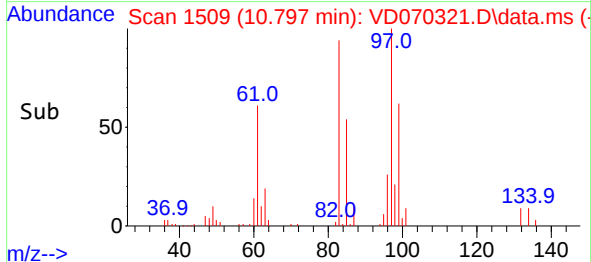
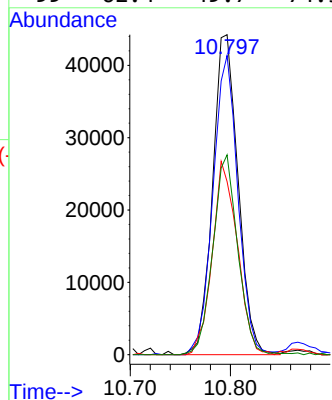
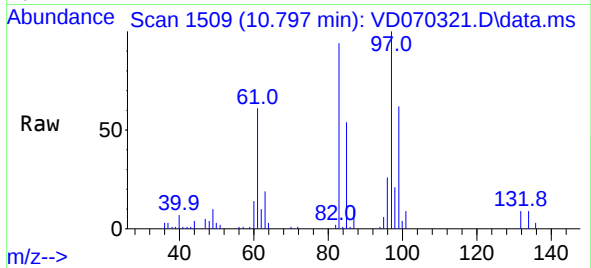
#55
1,1,2-Trichloroethane
Concen: 19.454 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion:	97	Resp:	77958
Ion	Ratio	Lower	Upper
97	100		
83	93.5	65.3	97.9
85	54.1	44.8	67.2
99	62.4	49.7	74.5

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01

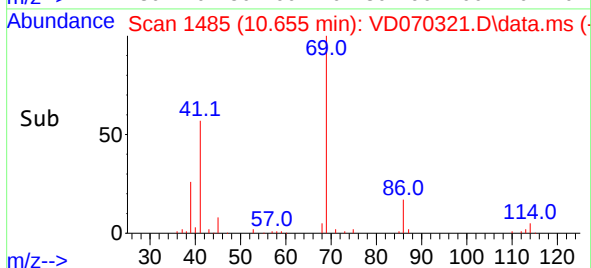
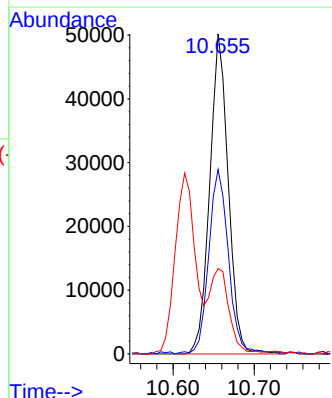
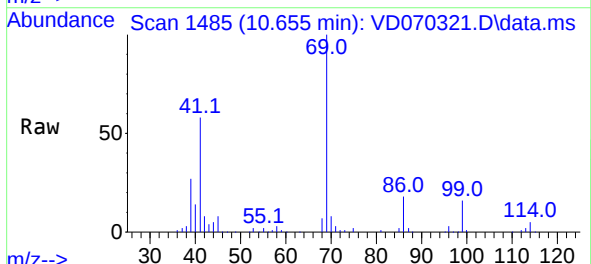
Manual Integrations
APPROVED

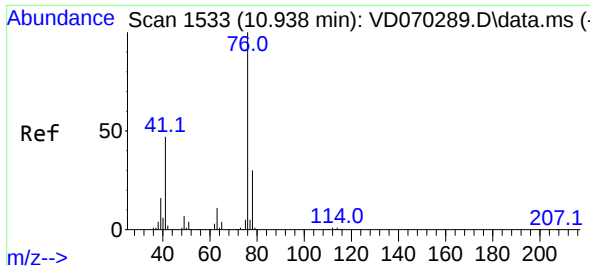
MMDadoda
9/14/2021 10:45:25 AM



#56
Ethyl methacrylate
Concen: 18.196 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

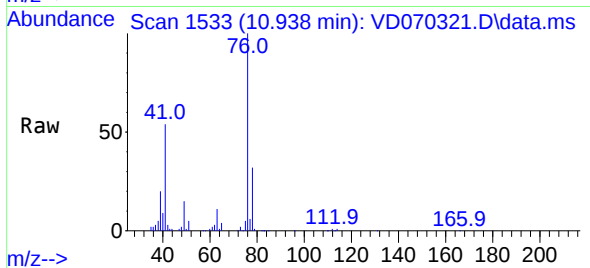
Tgt Ion:	69	Resp:	79599
Ion	Ratio	Lower	Upper
69	100		
41	61.7	43.6	65.4
39	27.2	18.6	28.0





#57
1,3-Dichloropropane
Concen: 19.731 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

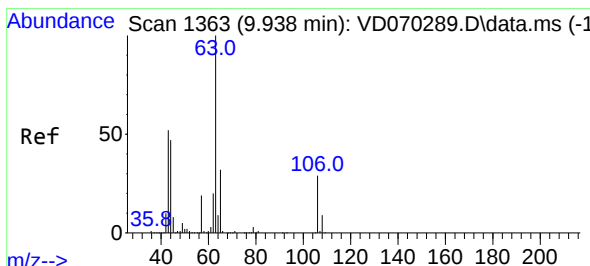
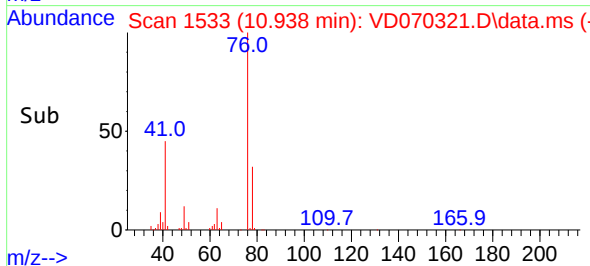
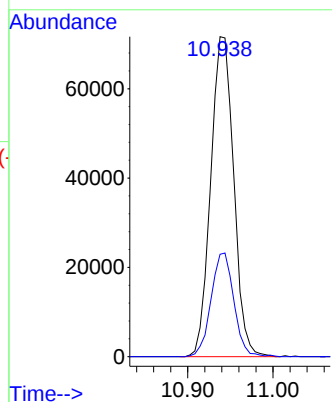
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01



Tgt Ion: 76 Resp: 134611
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.8

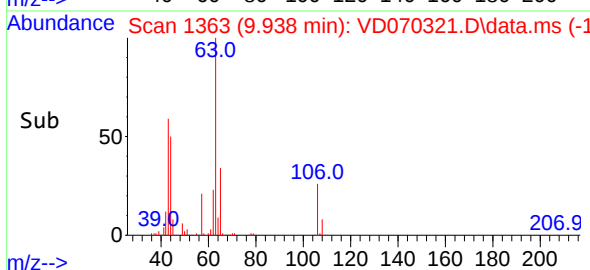
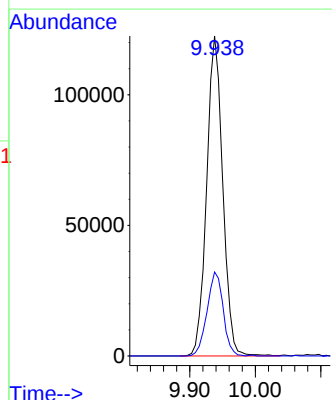
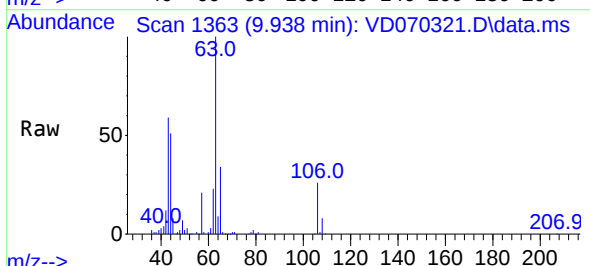
Manual Integrations
APPROVED

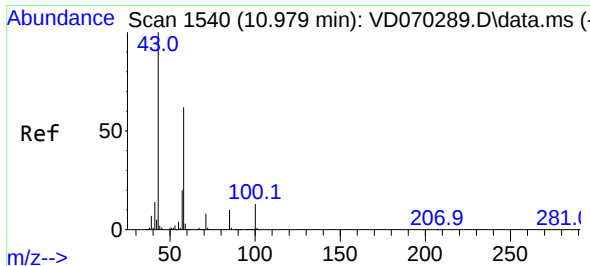
MMDadoda
9/14/2021 10:45:25 AM



#58
2-Chloroethyl Vinyl ether
Concen: 99.285 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 63 Resp: 209341
Ion Ratio Lower Upper
63 100
106 26.3 22.3 33.5





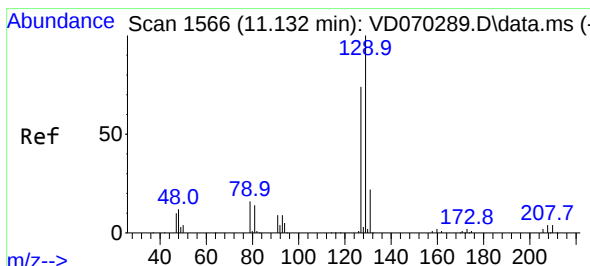
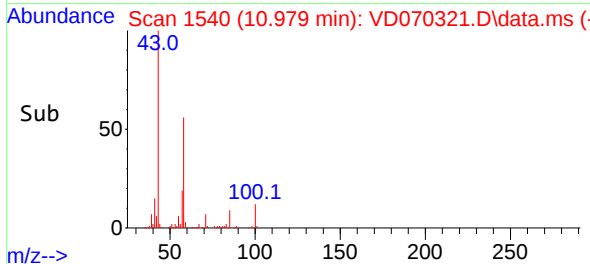
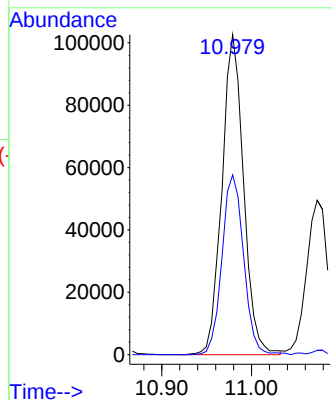
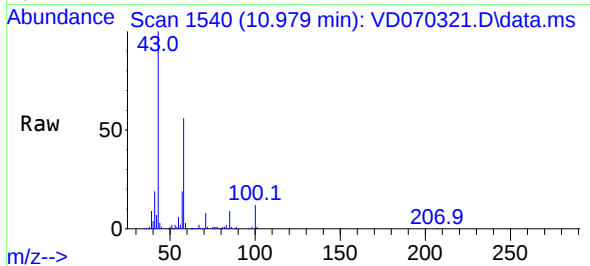
#59
2-Hexanone
Concen: 97.932 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 43 Resp: 171998
Ion Ratio Lower Upper
43 100
58 56.0 30.6 91.6

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

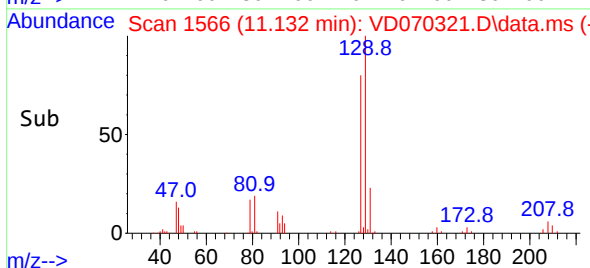
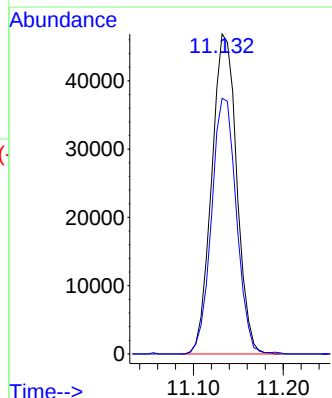
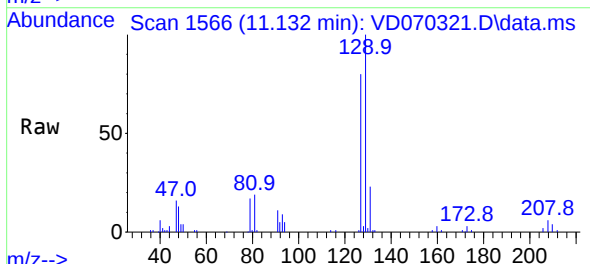
Manual Integrations
APPROVED

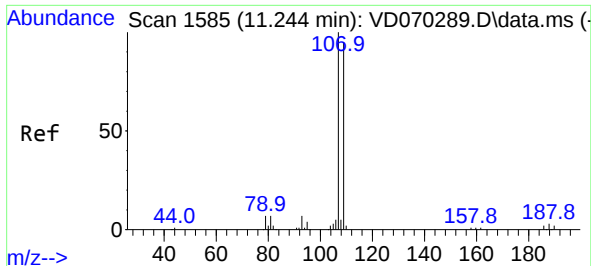
MMDadoda
9/14/2021 10:45:25 AM



#60
Dibromochloromethane
Concen: 19.464 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

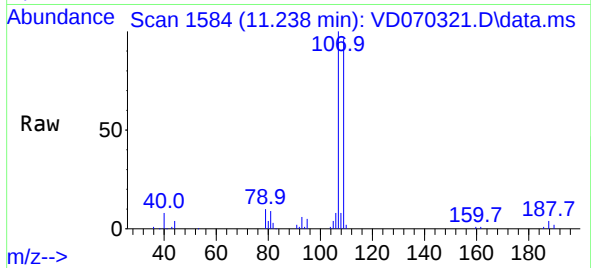
Tgt Ion: 129 Resp: 90771
Ion Ratio Lower Upper
129 100
127 79.5 38.0 114.0





#61
1,2-Dibromoethane
Concen: 19.633 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

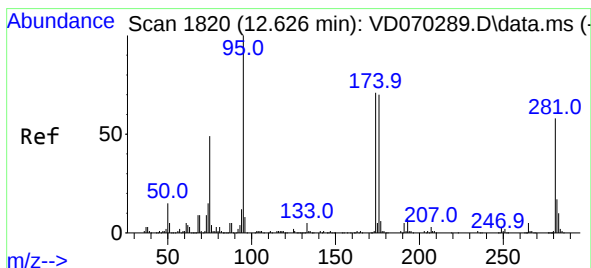
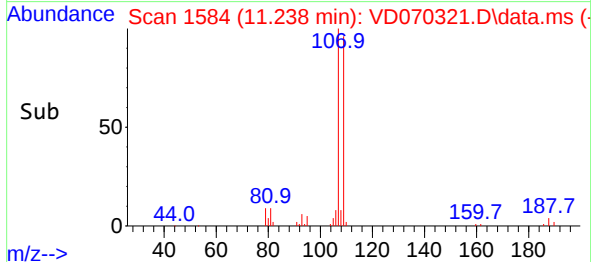
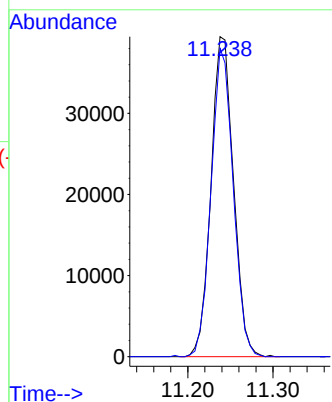
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



Tgt Ion:107 Resp: 72355
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4

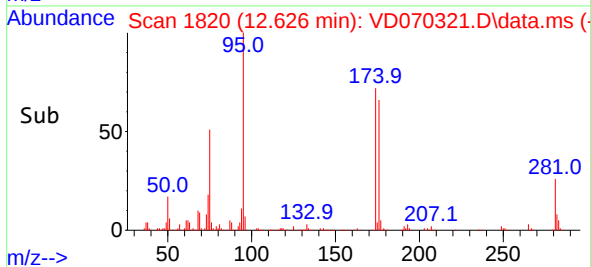
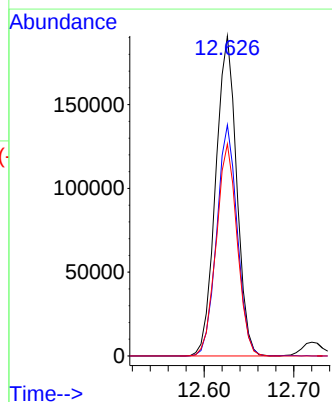
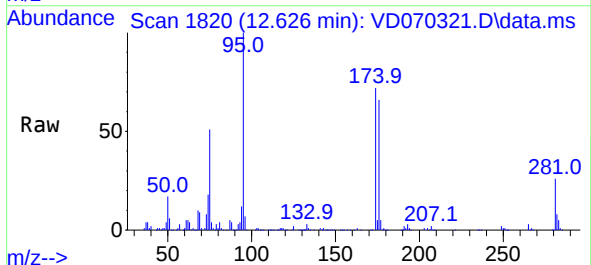
Manual Integrations
APPROVED

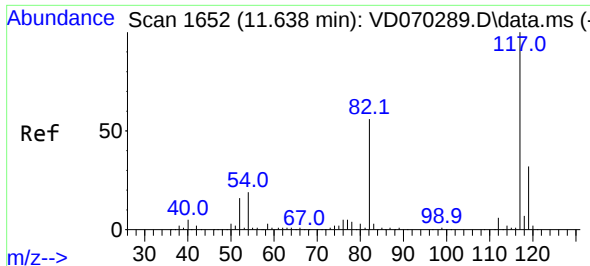
MMDadoda
9/14/2021 10:45:25 AM



#62
4-Bromofluorobenzene
Concen: 49.752 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 95 Resp: 309326
Ion Ratio Lower Upper
95 100
174 70.7 0.0 140.6
176 66.2 0.0 137.4





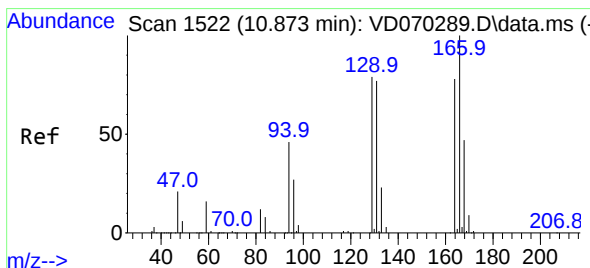
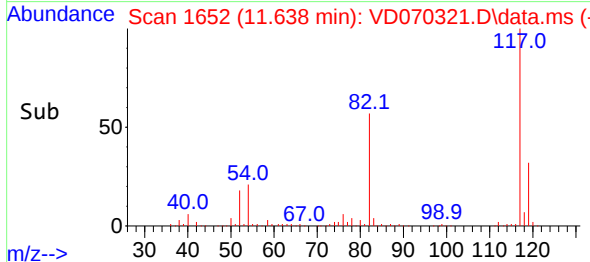
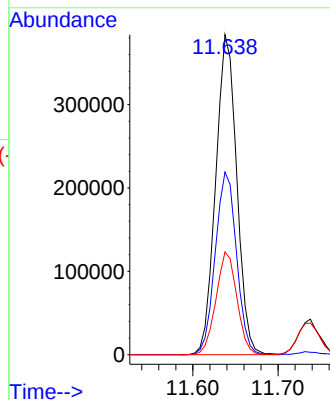
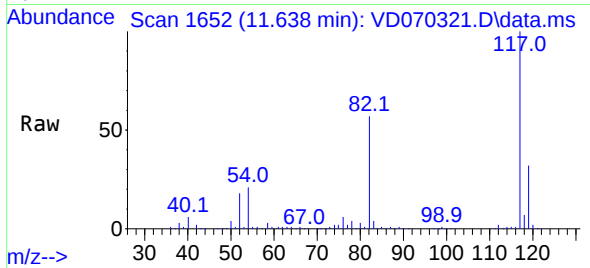
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion:117 Resp: 659533
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 32.1 25.2 37.8

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

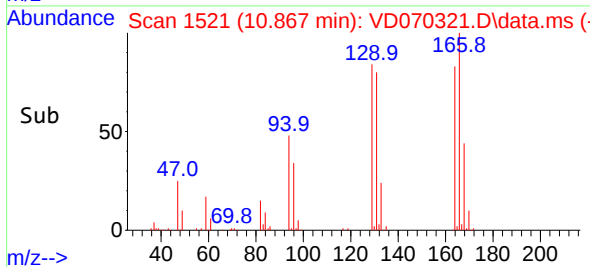
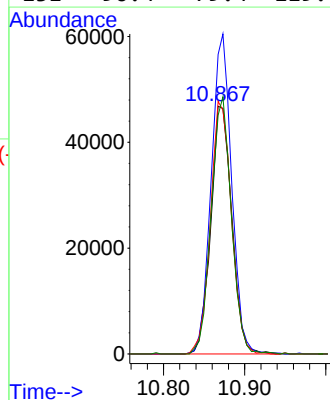
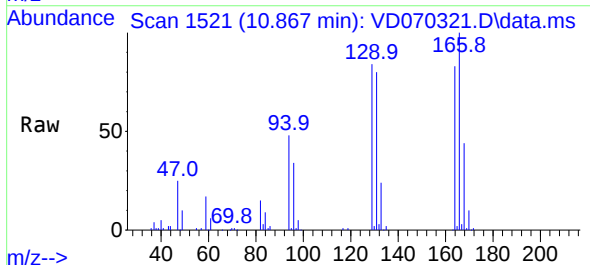
Manual Integrations
APPROVED

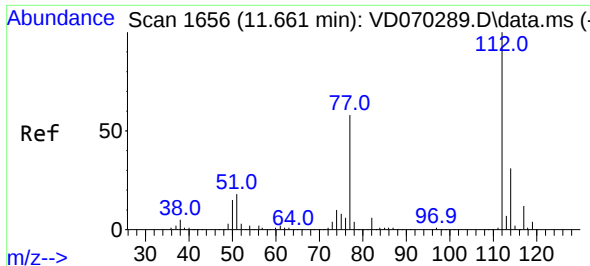
MMDadoda
9/14/2021 10:45:25 AM



#64
Tetrachloroethene
Concen: 21.001 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

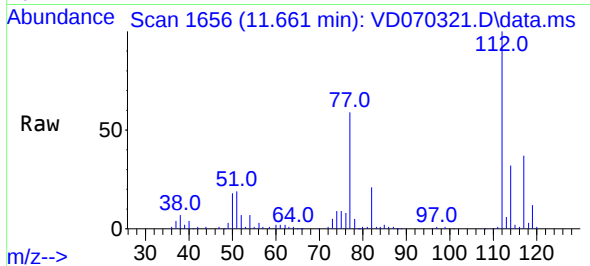
Tgt Ion:164 Resp: 84330
Ion Ratio Lower Upper
164 100
166 121.0 102.4 153.6
129 101.9 80.9 121.3
131 96.4 79.4 119.0





#65
Chlorobenzene
Concen: 20.206 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

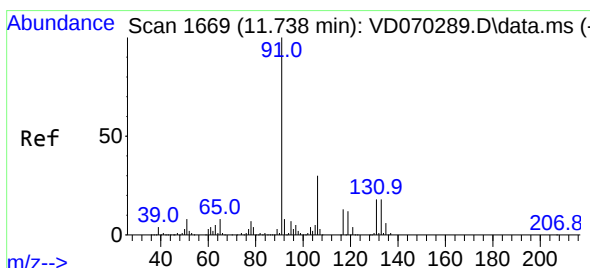
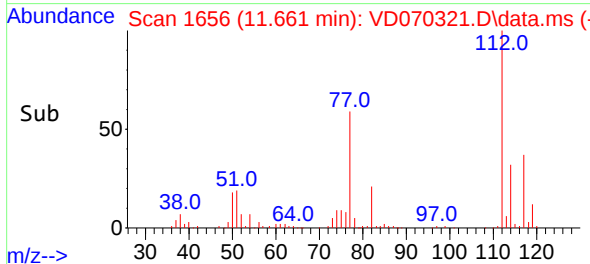
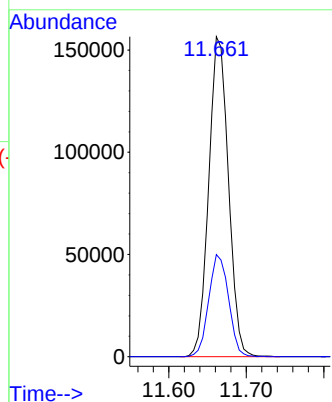
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



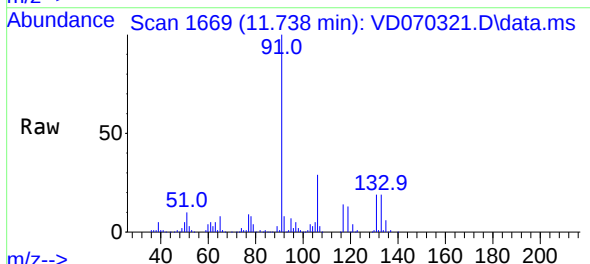
Tgt Ion:112 Resp: 276070
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1

Manual Integrations
APPROVED

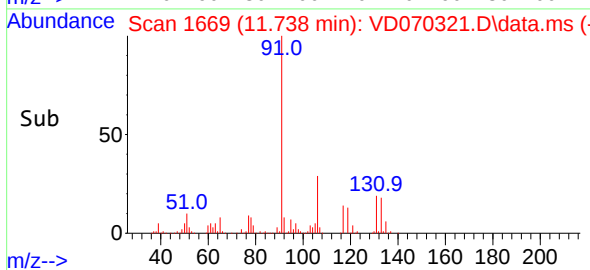
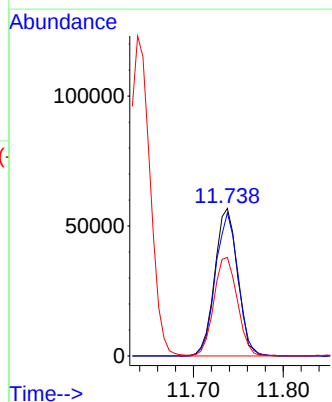
MMDadoda
9/14/2021 10:45:25 AM

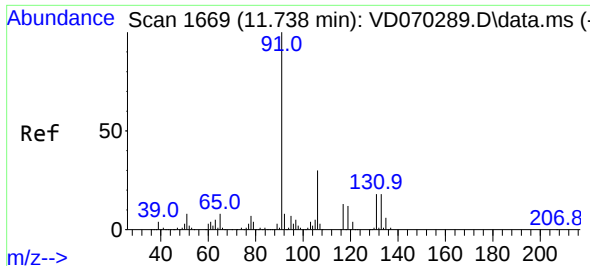


#66
1,1,1,2-Tetrachloroethane
Concen: 20.146 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



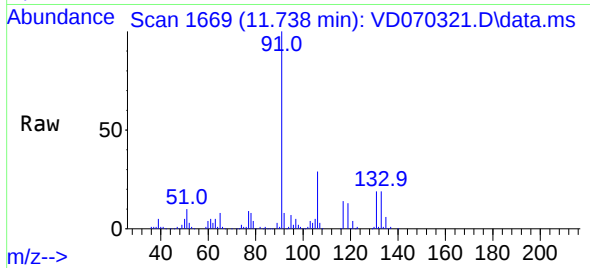
Tgt Ion:131 Resp: 100811
Ion Ratio Lower Upper
131 100
133 95.8 48.4 145.2
119 68.4 33.5 100.5





#67
Ethyl Benzene
Concen: 20.311 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

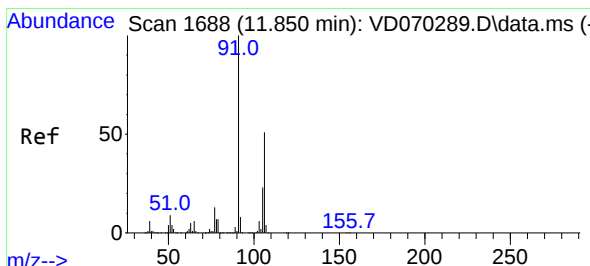
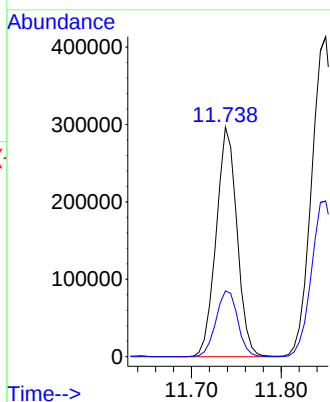
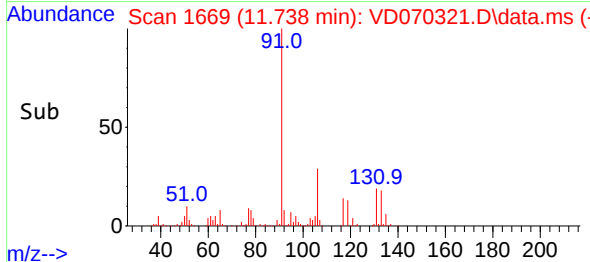
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01



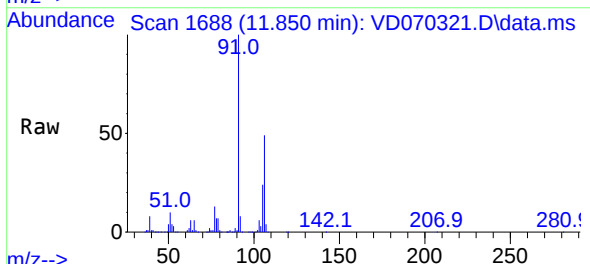
Tgt Ion: 91 Resp: 478605
Ion Ratio Lower Upper
91 100
106 28.7 24.2 36.2

Manual Integrations
APPROVED

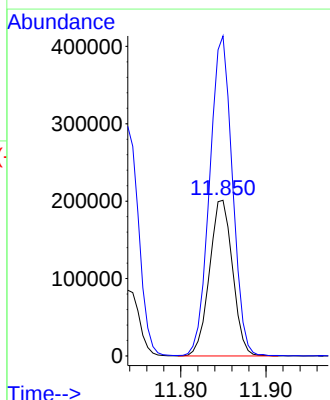
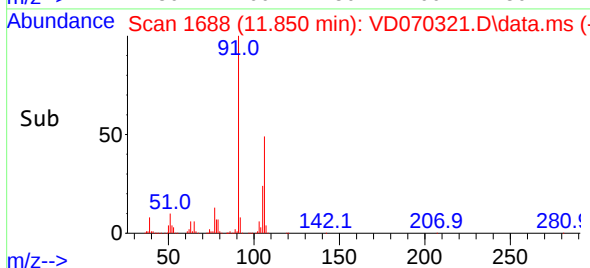
MMDadoda
9/14/2021 10:45:25 AM

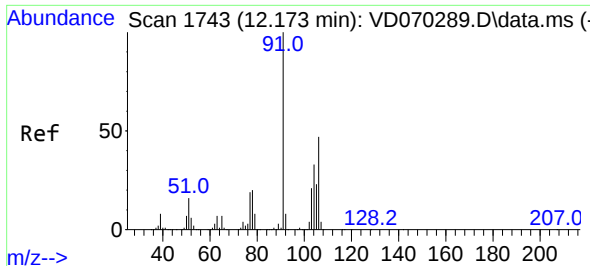


#68
m/p-Xylenes
Concen: 41.715 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



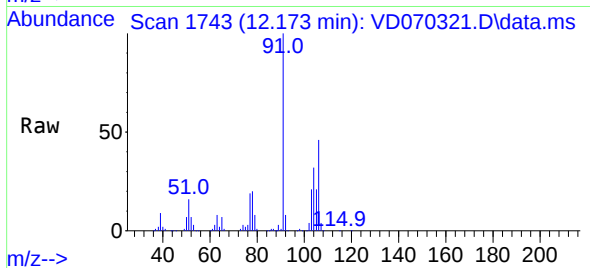
Tgt Ion: 106 Resp: 379634
Ion Ratio Lower Upper
106 100
91 202.8 161.2 241.8





#69
o-Xylene
Concen: 20.521 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

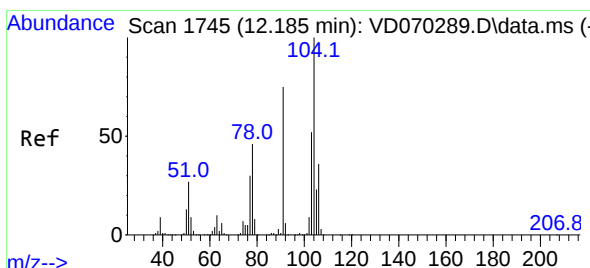
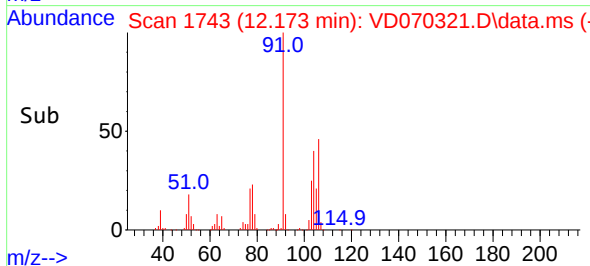
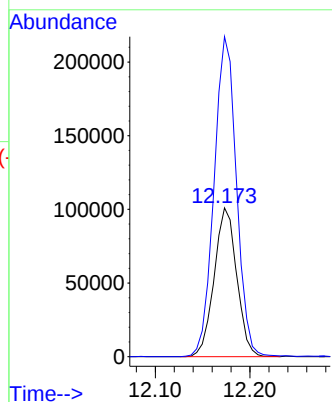
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01



Tgt Ion:106 Resp: 167306
Ion Ratio Lower Upper
106 100
91 213.8 106.3 318.9

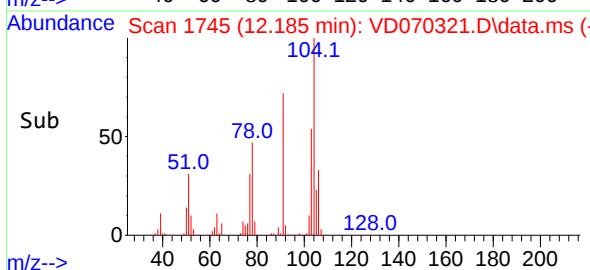
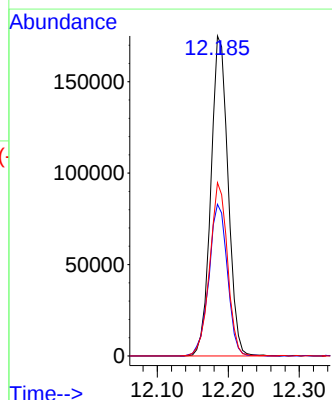
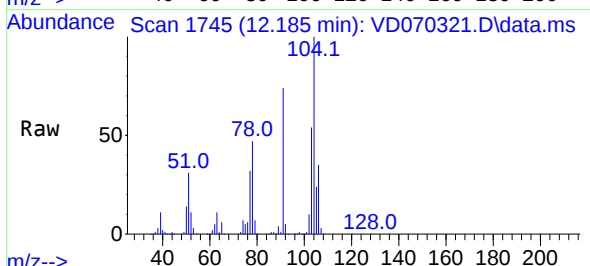
Manual Integrations
APPROVED

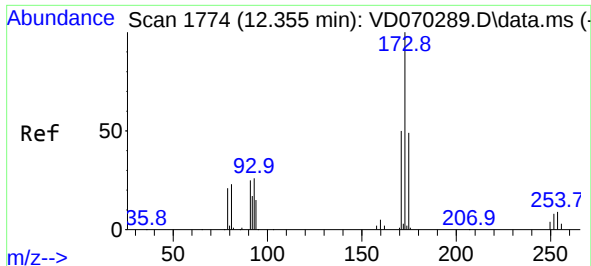
MMDadoda
9/14/2021 10:45:25 AM



#70
Styrene
Concen: 20.647 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion:104 Resp: 294070
Ion Ratio Lower Upper
104 100
78 50.9 38.6 57.8
103 55.8 43.4 65.0





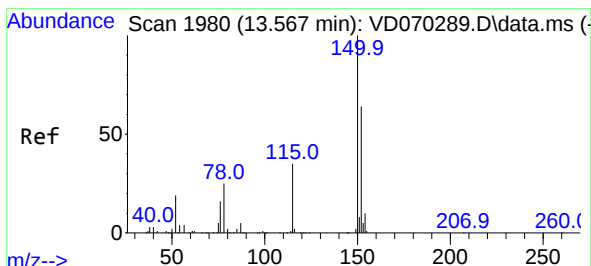
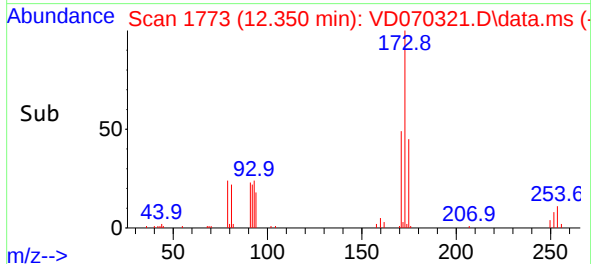
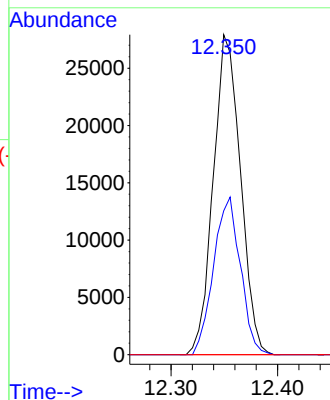
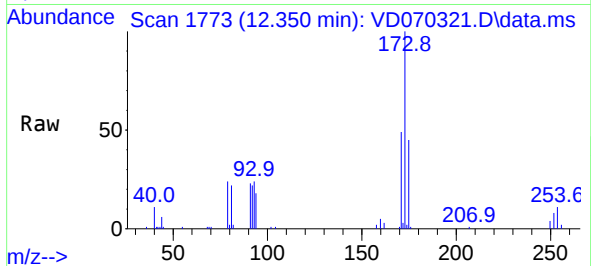
#71
Bromoform
Concen: 20.016 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion:173 Resp: 49503
Ion Ratio Lower Upper
173 100
175 48.5 25.1 75.2
254 0.0 0.1 0.1#

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

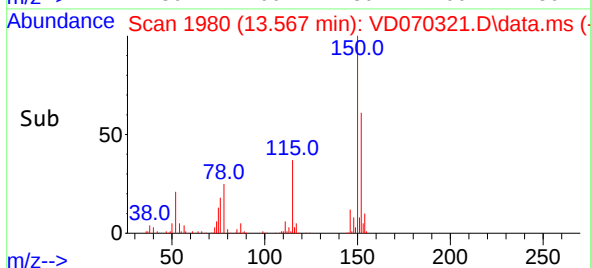
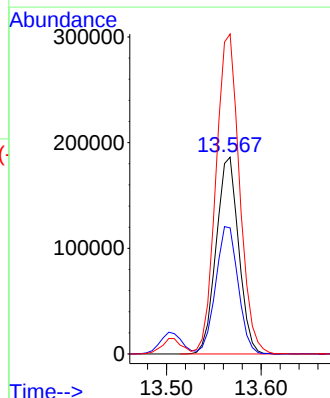
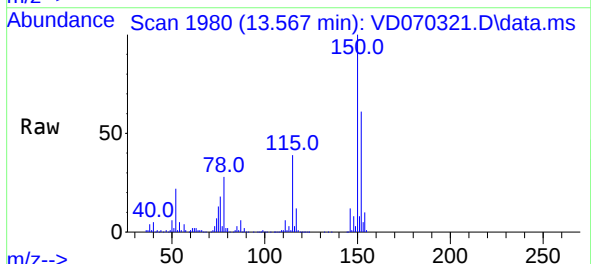
Manual Integrations
APPROVED

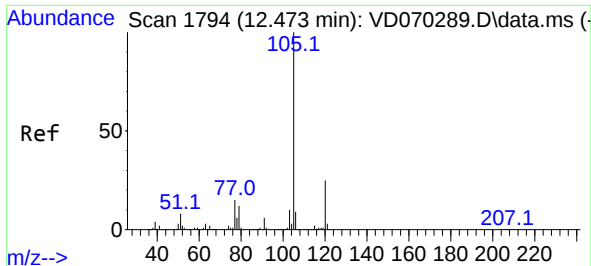
MMDadoda
9/14/2021 10:45:25 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

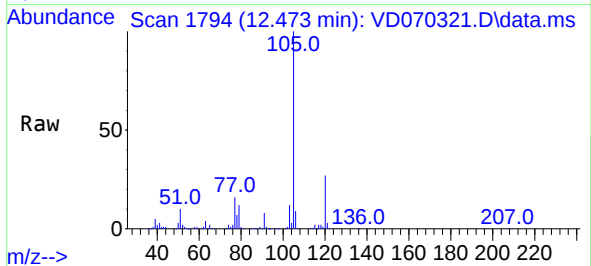
Tgt Ion:152 Resp: 307306
Ion Ratio Lower Upper
152 100
115 64.8 32.1 96.3
150 170.4 0.0 350.6





#73
Isopropylbenzene
Concen: 20.125 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

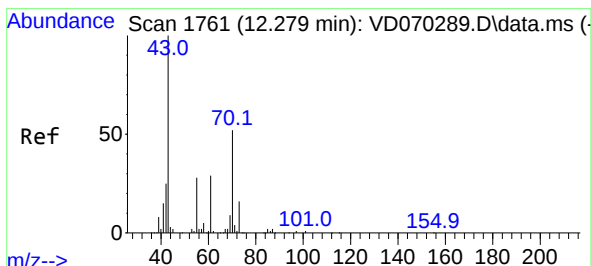
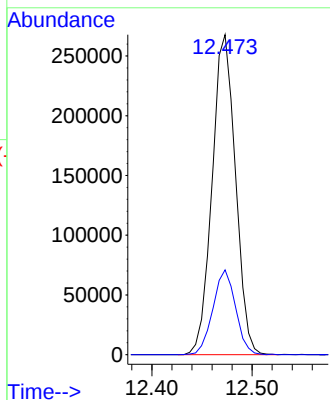
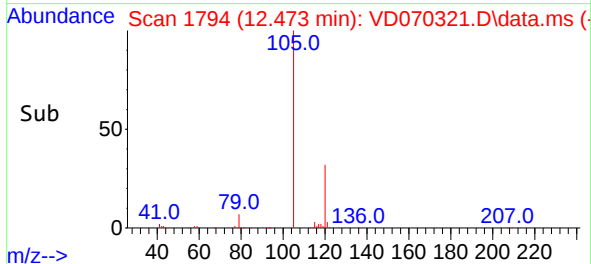
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01



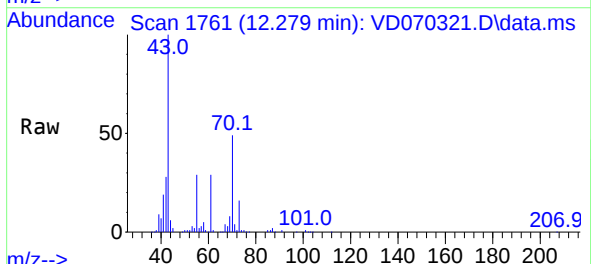
Tgt Ion:105 Resp: 433717
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9

Manual Integrations
APPROVED

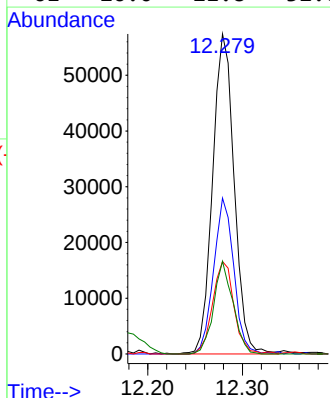
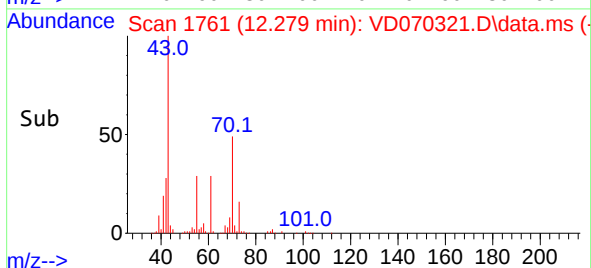
MMDadoda
9/14/2021 10:45:25 AM

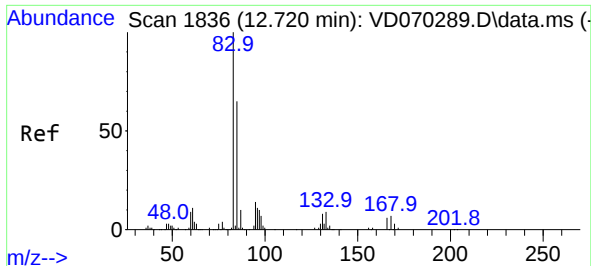


#74
N-ethyl acetate
Concen: 19.358 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

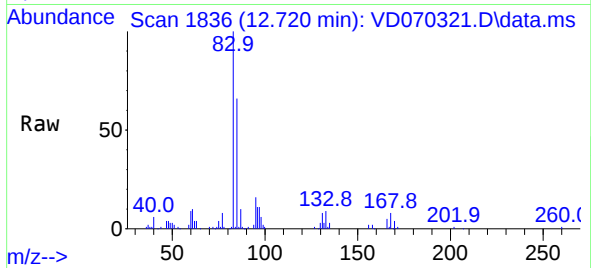


Tgt Ion: 43 Resp: 90897
Ion Ratio Lower Upper
43 100
70 45.7 41.4 62.0
55 28.7 22.8 34.2
61 26.0 21.8 32.6

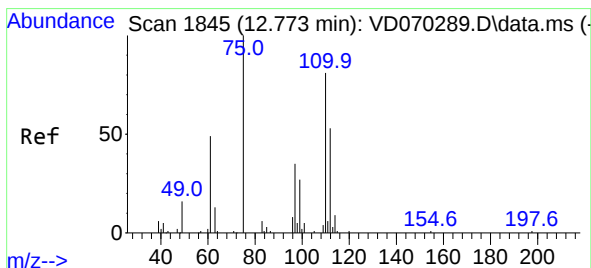
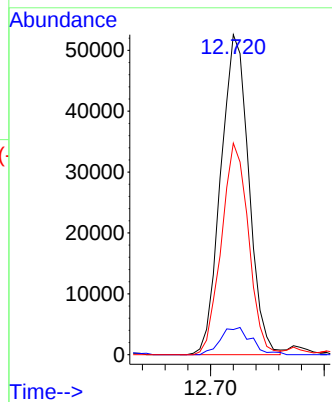
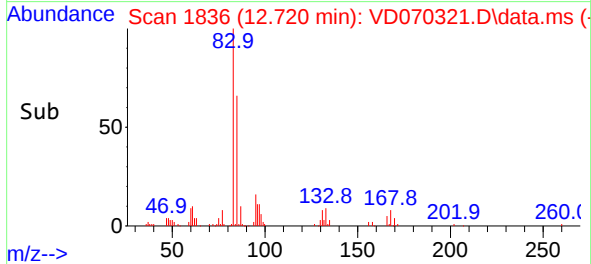




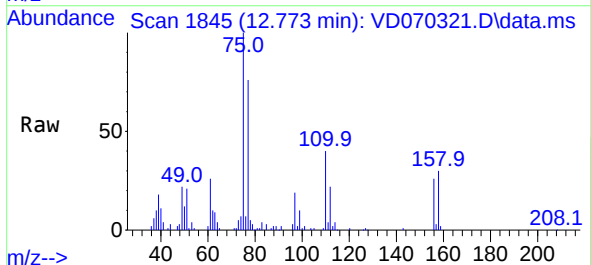
#75
1,1,2,2-Tetrachloroethane
Concen: 19.515 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



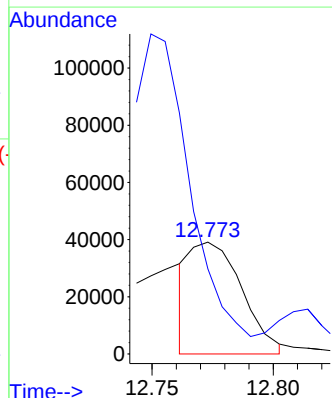
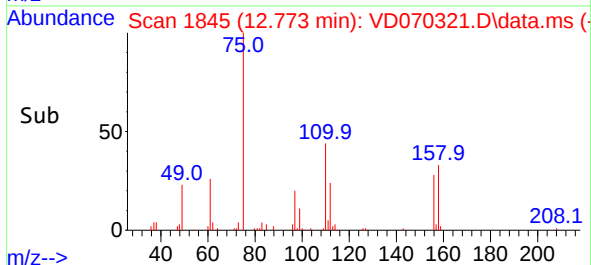
Tgt Ion: 83 Resp: 90075
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 64.0 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 18.879 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



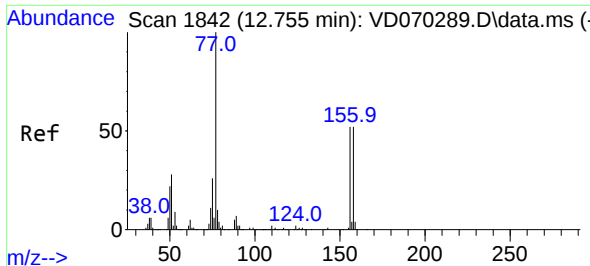
Tgt Ion: 75 Resp: 58683
Ion Ratio Lower Upper
75 100
77 0.0 174.9 524.7#



Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

Manual Integrations
APPROVED

MMDadoda
9/14/2021 10:45:25 AM



#77
Bromobenzene
Concen: 20.101 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

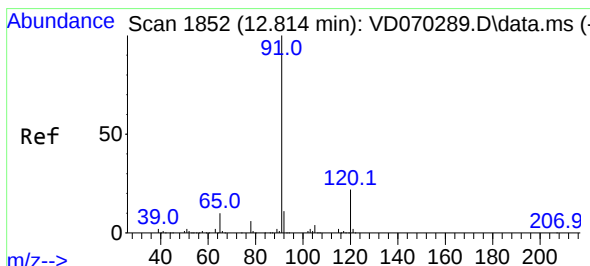
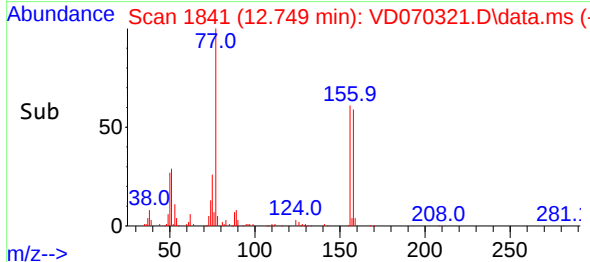
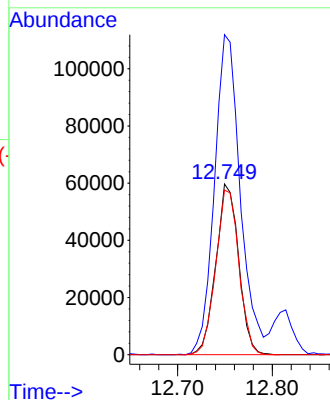
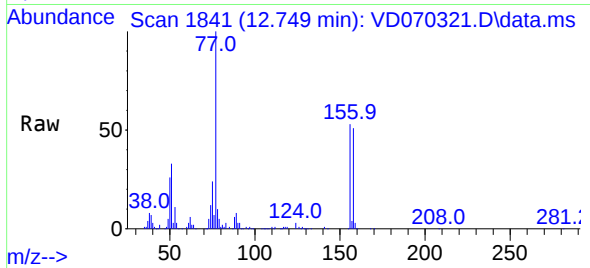
Tgt Ion:156 Resp: 99943

Ion	Ratio	Lower	Upper
156	100		
77	211.7	104.3	312.8
158	97.9	49.4	148.0

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

Manual Integrations
APPROVED

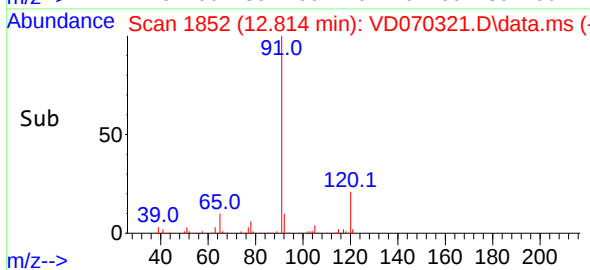
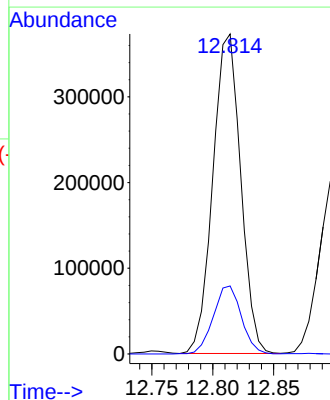
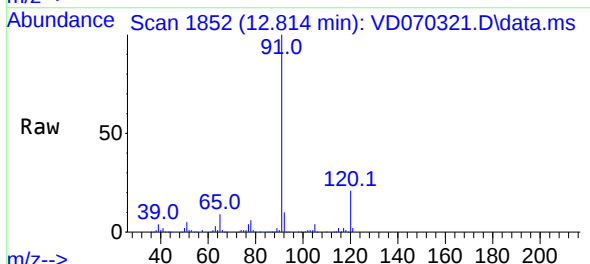
MMDadoda
9/14/2021 10:45:25 AM

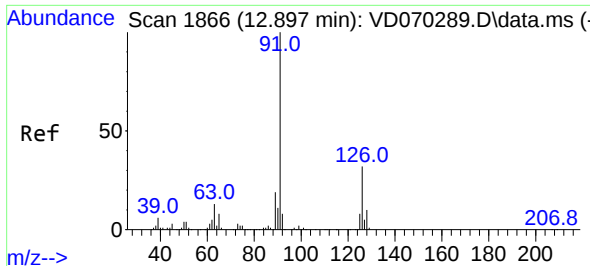


#78
n-propylbenzene
Concen: 21.182 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion: 91 Resp: 592504

Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.0	33.0





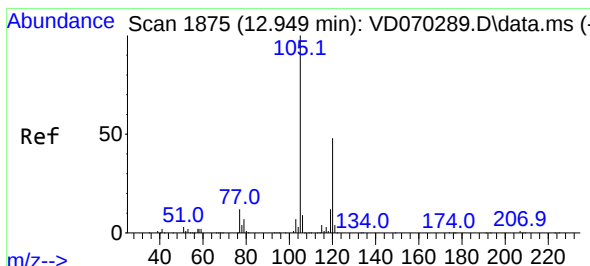
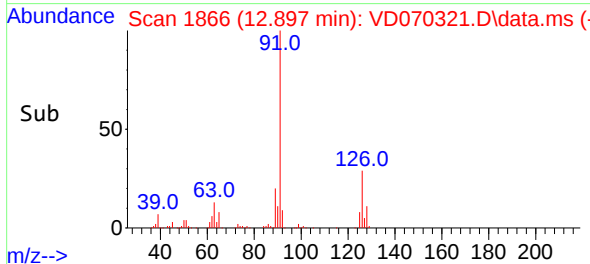
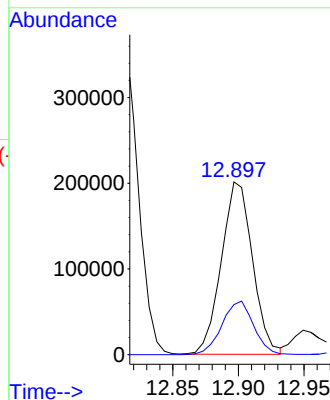
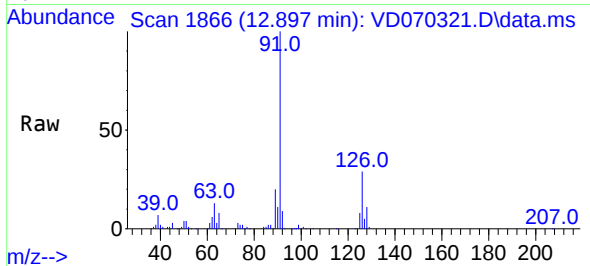
#79
2-Chlorotoluene
Concen: 20.437 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

Tgt Ion: 91 Resp: 333213
Ion Ratio Lower Upper
91 100
126 31.6 16.2 48.6

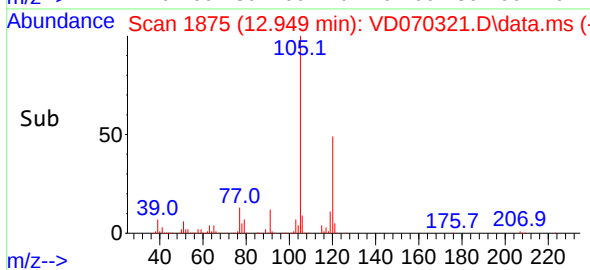
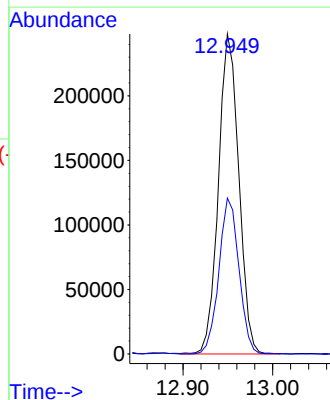
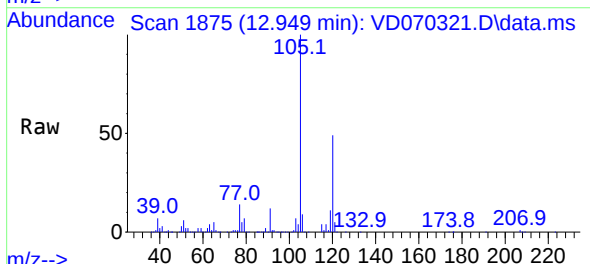
Manual Integrations
APPROVED

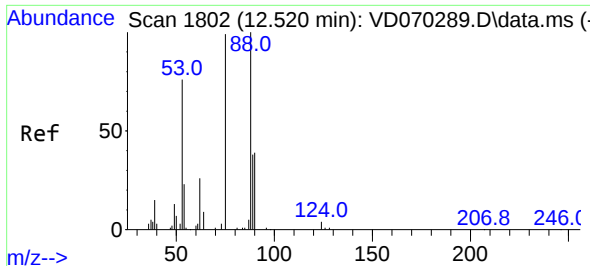
MMDadoda
9/14/2021 10:45:25 AM



#80
1,3,5-Trimethylbenzene
Concen: 21.002 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

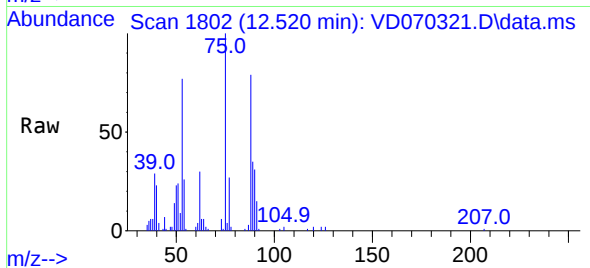
Tgt Ion: 105 Resp: 390628
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 19.751 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

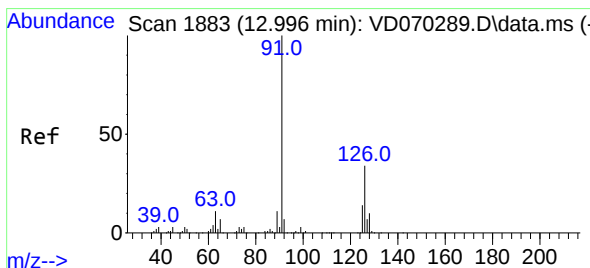
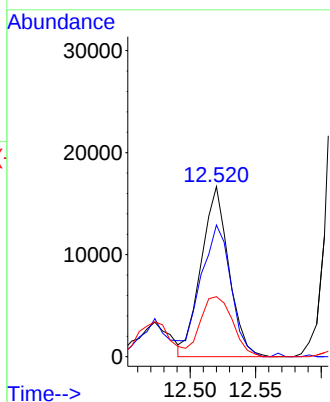
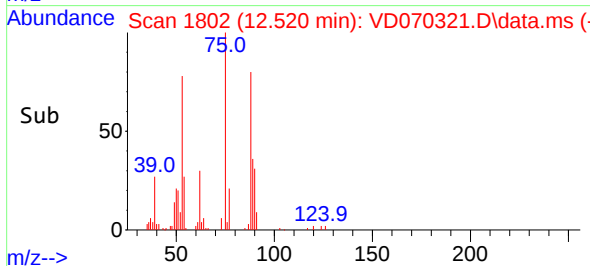
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



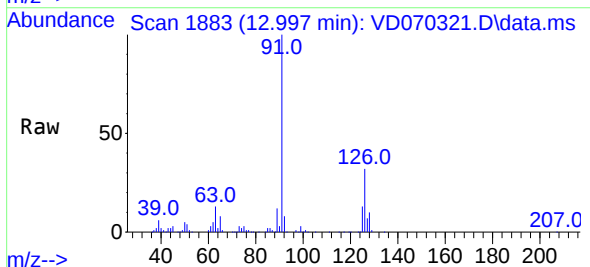
Tgt Ion	Ratio	Lower	Upper
75	100		
53	84.7	64.2	96.2
89	40.7	35.6	53.4

Manual Integrations
APPROVED

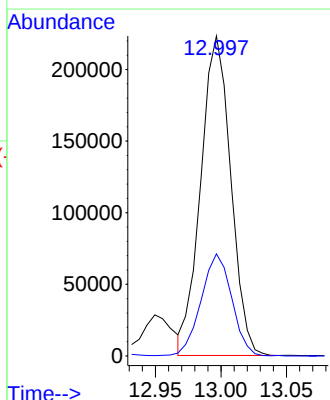
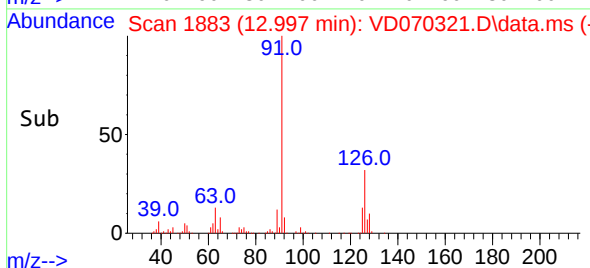
MMDadoda
9/14/2021 10:45:25 AM

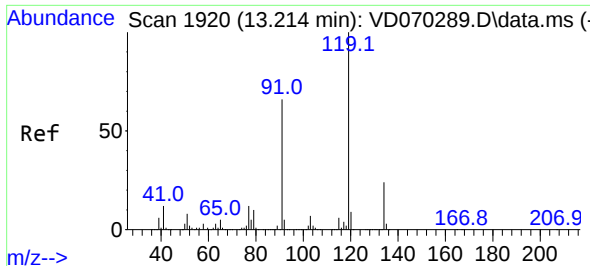


#82
4-Chlorotoluene
Concen: 20.689 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



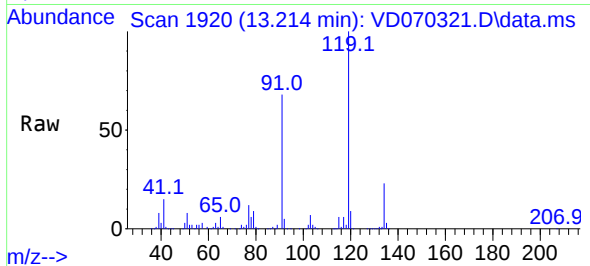
Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.2	48.5





#83
tert-Butylbenzene
Concen: 20.264 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

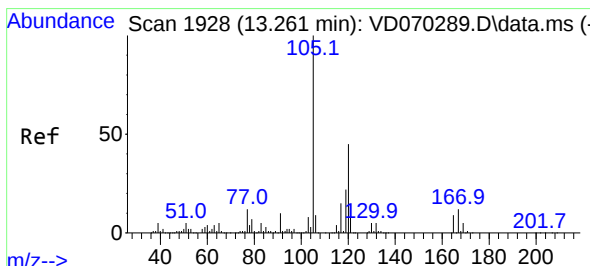
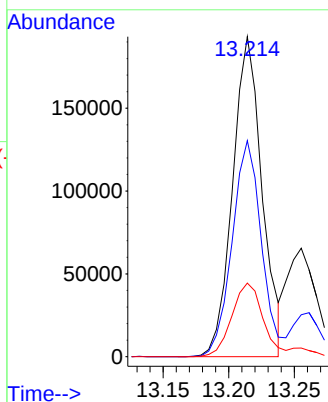
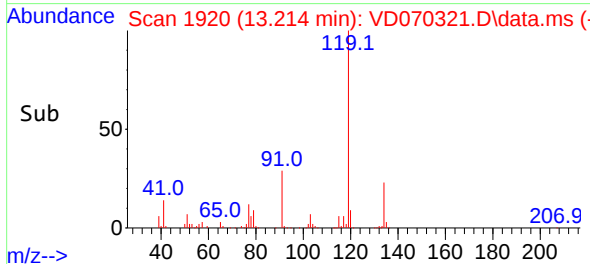
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



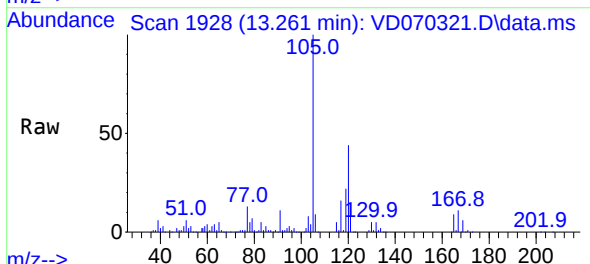
Tgt Ion:119 Resp: 302280
Ion Ratio Lower Upper
119 100
91 67.8 33.7 101.0
134 24.2 13.2 39.5

Manual Integrations
APPROVED

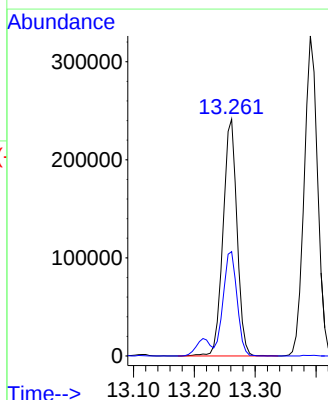
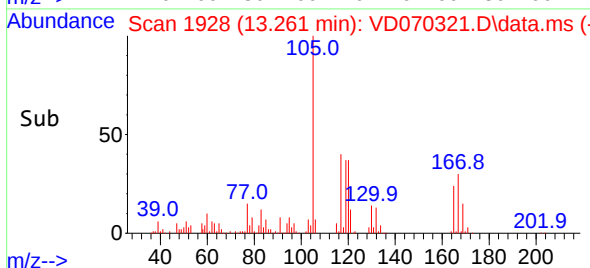
MMDadoda
9/14/2021 10:45:25 AM

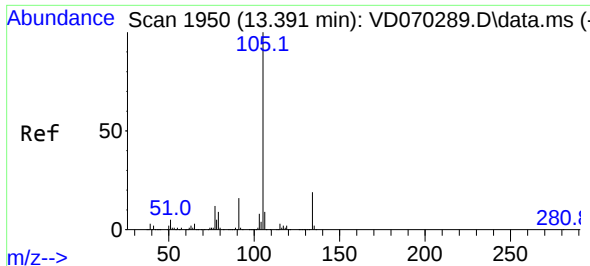


#84
1,2,4-Trimethylbenzene
Concen: 20.973 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



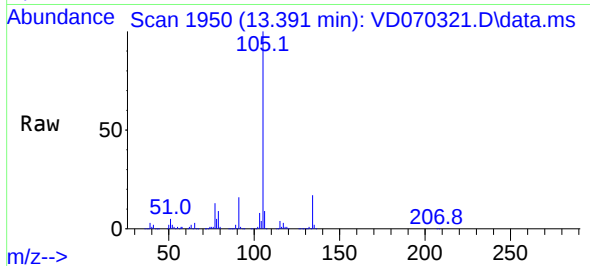
Tgt Ion:105 Resp: 384132
Ion Ratio Lower Upper
105 100
120 43.7 22.3 66.8



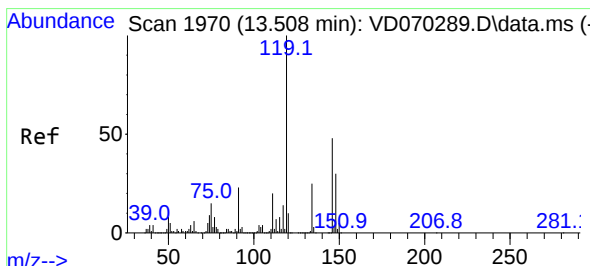
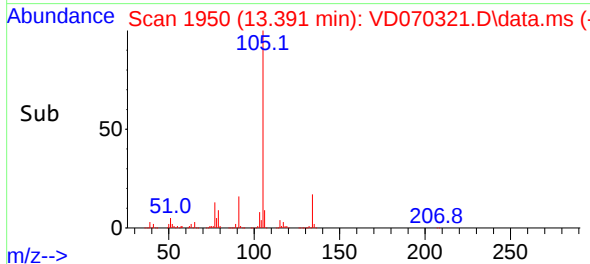
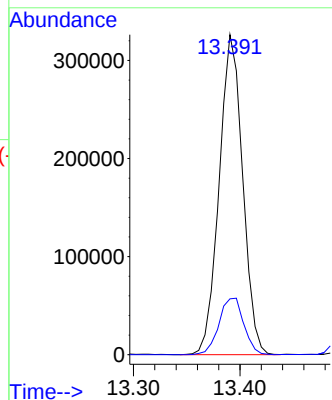


#85
sec-Butylbenzene
Concen: 21.072 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

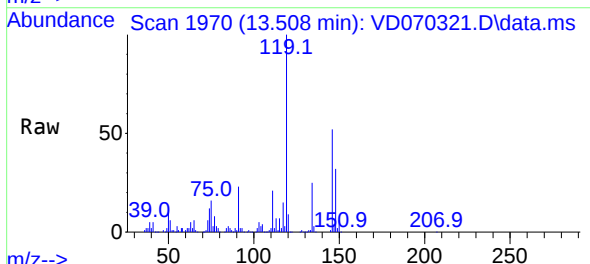
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



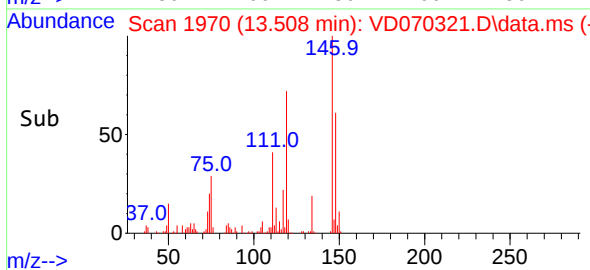
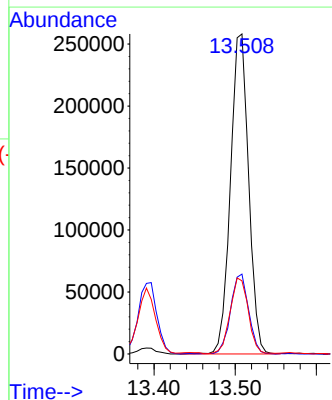
Tgt Ion:105 Resp: 499651
Ion Ratio Lower Upper
105 100
134 18.7 9.8 29.3

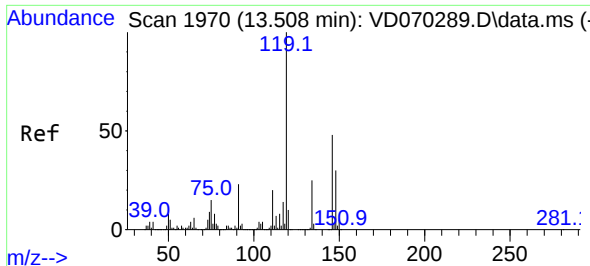


#86
p-Isopropyltoluene
Concen: 21.032 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



Tgt Ion:119 Resp: 400691
Ion Ratio Lower Upper
119 100
134 24.9 12.7 38.0
91 23.6 11.8 35.3





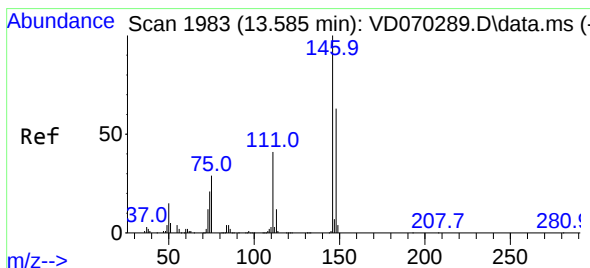
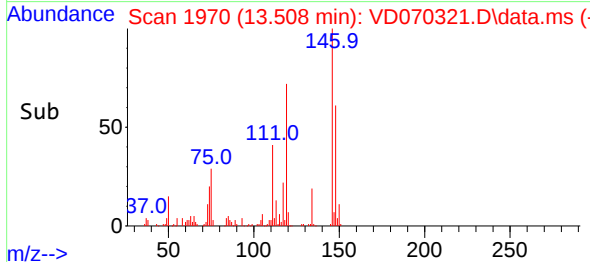
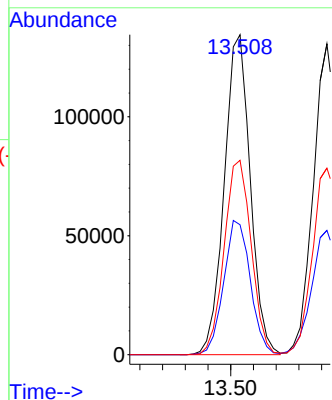
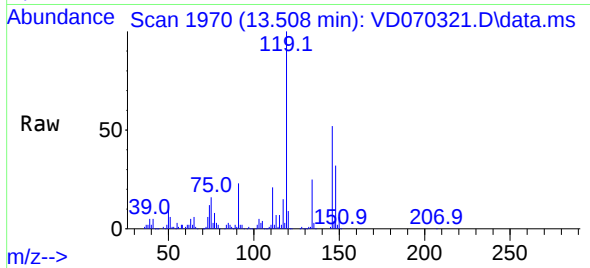
#87
1,3-Dichlorobenzene
Concen: 20.680 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion:146 Resp: 214070
Ion Ratio Lower Upper
146 100
111 43.0 21.5 64.5
148 63.3 31.4 94.2

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01

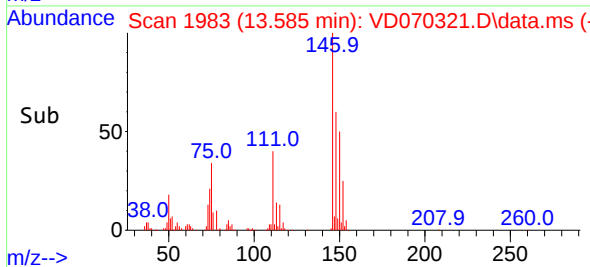
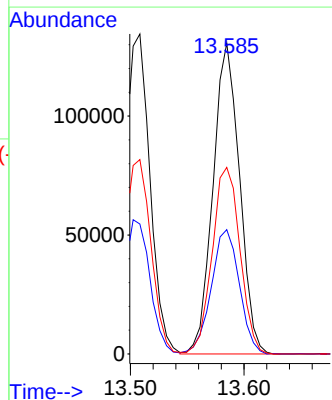
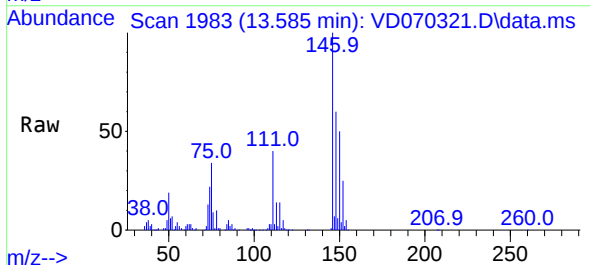
Manual Integrations
APPROVED

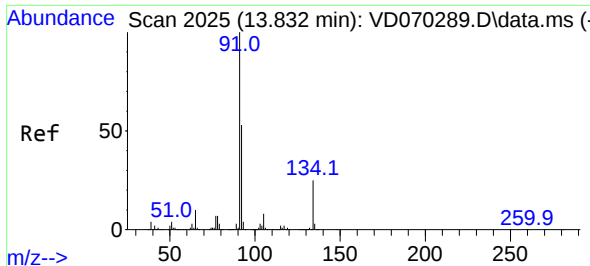
MMDadoda
9/14/2021 10:45:25 AM



#88
1,4-Dichlorobenzene
Concen: 20.407 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

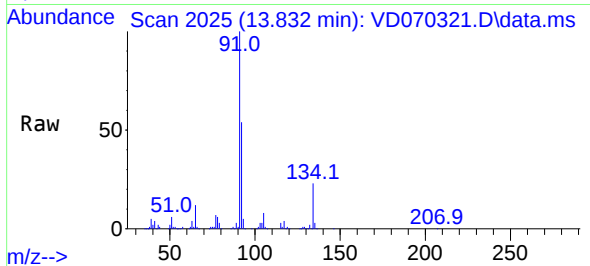
Tgt Ion:146 Resp: 212042
Ion Ratio Lower Upper
146 100
111 42.4 20.9 62.8
148 63.0 31.9 95.5





#89
n-Butylbenzene
Concen: 20.198 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

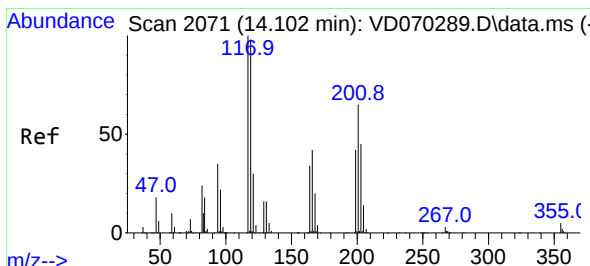
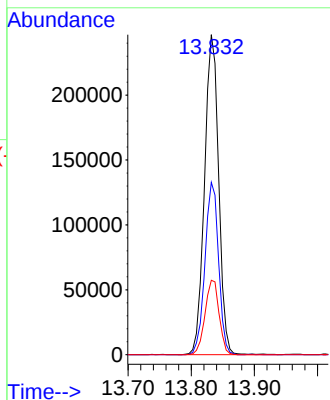
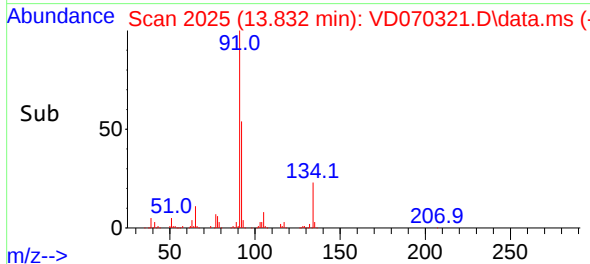
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01



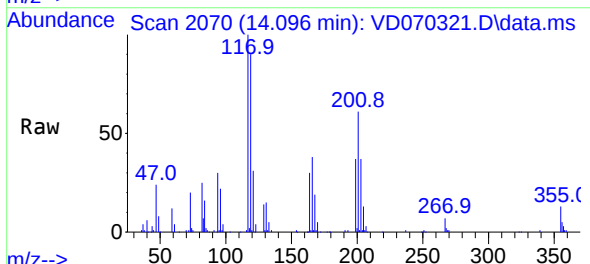
Tgt Ion: 91 Resp: 383645
Ion Ratio Lower Upper
91 100
92 51.8 26.8 80.4
134 23.1 12.1 36.3

Manual Integrations
APPROVED

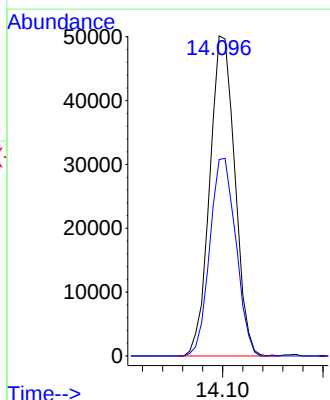
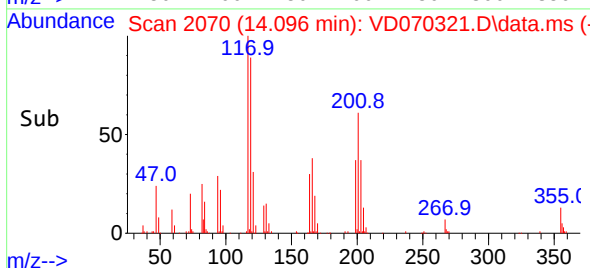
MMDadoda
9/14/2021 10:45:25 AM

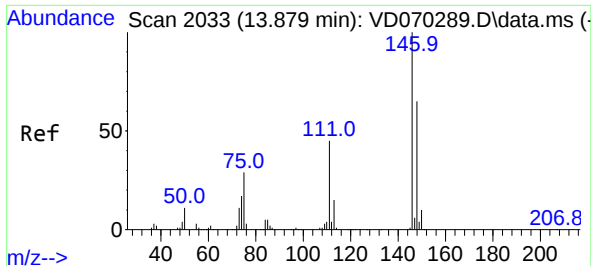


#90
Hexachloroethane
Concen: 20.008 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



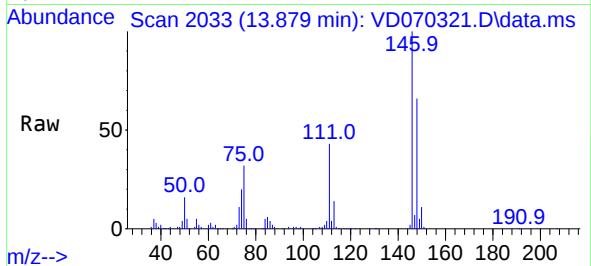
Tgt Ion: 117 Resp: 87257
Ion Ratio Lower Upper
117 100
201 64.0 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 20.114 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

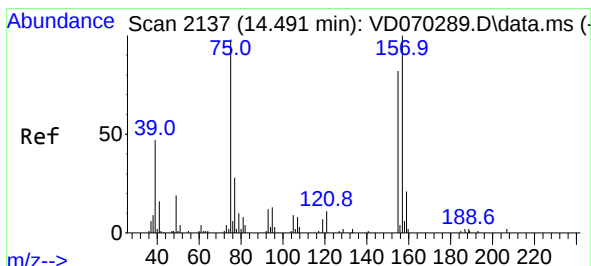
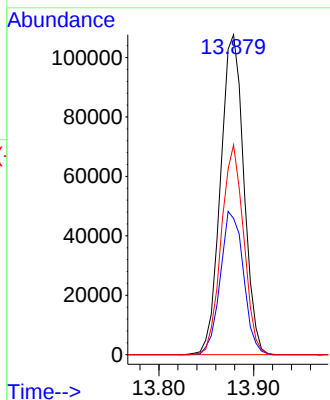
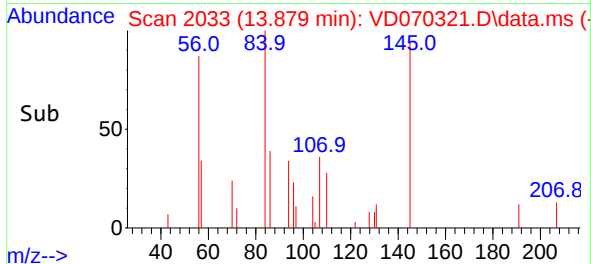
Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01



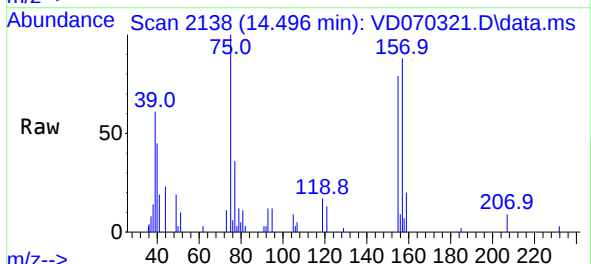
Tgt Ion:146 Resp: 183707
Ion Ratio Lower Upper
146 100
111 44.6 21.9 65.7
148 63.3 31.7 95.1

Manual Integrations
APPROVED

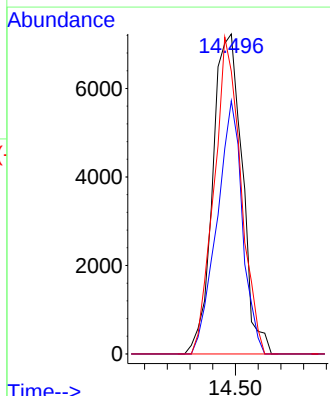
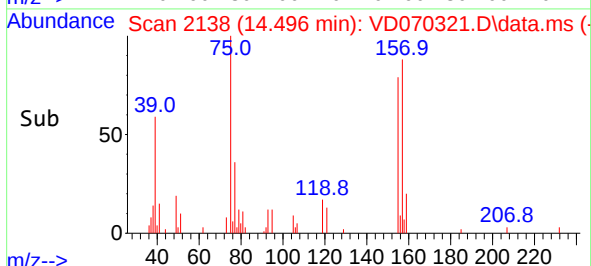
MMDadoda
9/14/2021 10:45:25 AM

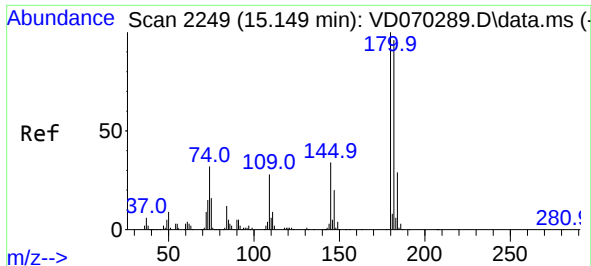


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.761 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

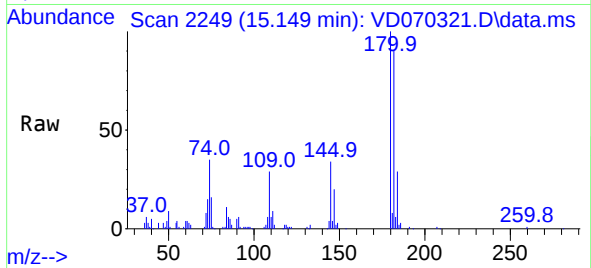


Tgt Ion: 75 Resp: 12969
Ion Ratio Lower Upper
75 100
155 69.0 40.3 120.9
157 90.2 48.9 146.6

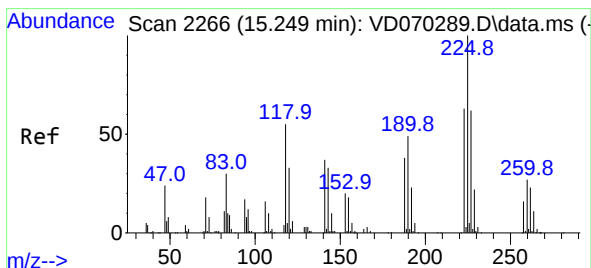
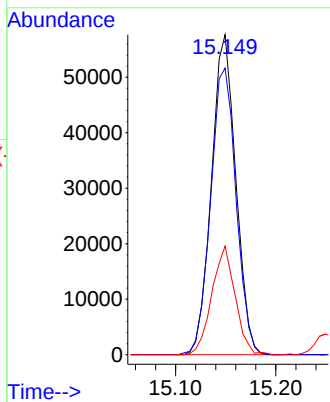
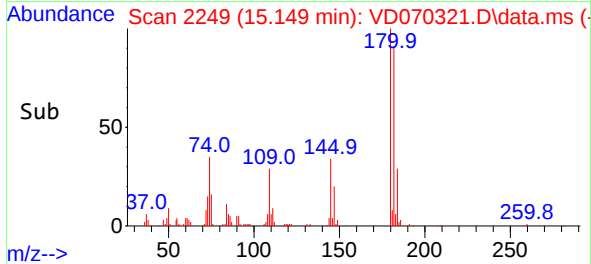




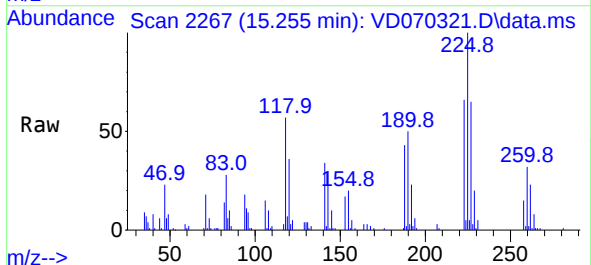
#93
1,2,4-Trichlorobenzene
Concen: 19.696 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



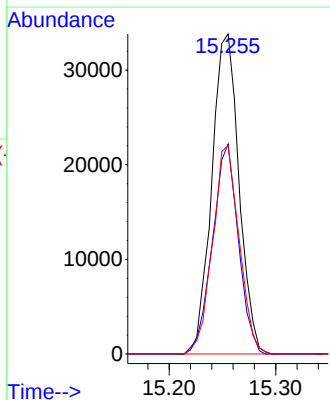
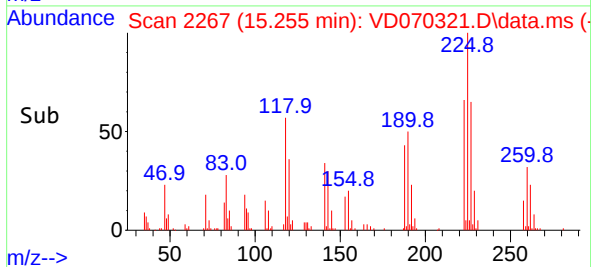
Tgt Ion:180 Resp: 97144
Ion Ratio Lower Upper
180 100
182 93.4 48.1 144.4
145 32.5 16.8 50.4



#94
Hexachlorobutadiene
Concen: 19.794 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38



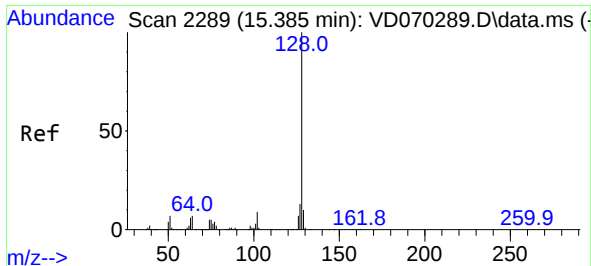
Tgt Ion:225 Resp: 59884
Ion Ratio Lower Upper
225 100
223 62.5 31.4 94.3
227 63.5 32.7 98.1



Instrument :
MSVOA_D
ClientSampleId :
VD0913SBSD01

Manual Integrations
APPROVED

MMDadoda
9/14/2021 10:45:25 AM



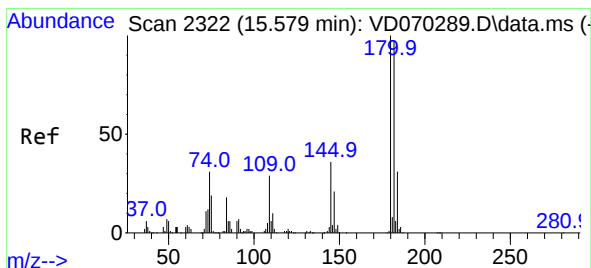
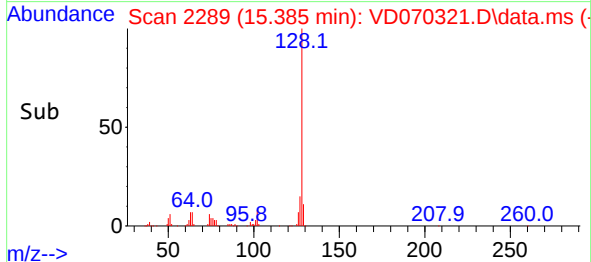
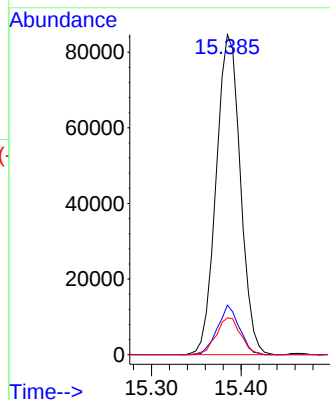
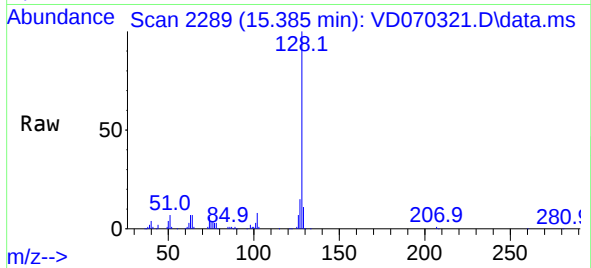
#95
Naphthalene
Concen: 17.685 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion:128 Resp: 158519
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 11.7 9.0 13.4

Instrument :
MSVOA_D
ClientSampleId :
VD0913SBS01

Manual Integrations
APPROVED

MMDadoda
9/14/2021 10:45:25 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.203 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD070321.D
Acq: 13 Sep 2021 12:38

Tgt Ion:180 Resp: 83566
Ion Ratio Lower Upper
180 100
182 92.7 47.9 143.6
145 34.6 17.7 53.1

