

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123020\
 Data File : VD067972.D
 Acq On : 30 Dec 2020 13:09
 Operator : VA/SY
 Sample : VD1230SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1230SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/4/2021 10:03:24 AM

Quant Time: Dec 31 00:14:05 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	283666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	474170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	458987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	221134	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	162825	53.16	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.32%
35) Dibromofluoromethane	7.914	113	152436	51.02	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.04%
50) Toluene-d8	10.338	98	551203	49.08	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.16%
62) 4-Bromofluorobenzene	12.632	95	198291	51.62	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.24%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.985	85	53936	18.67	ug/l	89
3) Chloromethane	2.209	50	74804	18.94	ug/l	98
4) Vinyl Chloride	2.350	62	66670	18.11	ug/l	95
5) Bromomethane	2.750	94	48189	17.67	ug/l	93
6) Chloroethane	2.915	64	42435	18.76	ug/l	92
7) Trichlorofluoromethane	3.268	101	118183	21.79	ug/l	95
8) Diethyl Ether	3.709	74	35916	23.09	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.085	101	69156	21.39	ug/l	98
10) Methyl Iodide	4.297	142	54949	19.22	ug/l	96
11) Tert butyl alcohol	5.203	59	40828m	224.79	ug/l	
12) 1,1-Dichloroethene	4.062	96	63276	20.40	ug/l	95
13) Acrolein	3.920	56	23104	105.98	ug/l	99
14) Allyl chloride	4.715	41	105247	19.09	ug/l	98
15) Acrylonitrile	5.415	53	92538	124.28	ug/l	98
16) Acetone	4.156	43	76046	130.03	ug/l	99
17) Carbon Disulfide	4.409	76	215603	19.95	ug/l	97
18) Methyl Acetate	4.715	43	44810	25.93	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	150351	23.32	ug/l #	88
20) Methylene Chloride	4.962	84	95133	20.80	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	78247	21.11	ug/l	96
22) Diisopropyl ether	6.362	45	231577	20.85	ug/l	96
23) Vinyl Acetate	6.303	43	633326	112.18	ug/l	100
24) 1,1-Dichloroethane	6.256	63	133385	19.84	ug/l	98
25) 2-Butanone	7.214	43	106207	123.14	ug/l	97
26) 2,2-Dichloropropane	7.203	77	113840	21.49	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	81696	20.63	ug/l	97
28) Bromochloromethane	7.544	49	50502	19.92	ug/l	91
29) Tetrahydrofuran	7.561	42	72133	123.64	ug/l	99
30) Chloroform	7.708	83	137821	20.93	ug/l	98
31) Cyclohexane	7.985	56	121325	19.38	ug/l #	87
32) 1,1,1-Trichloroethane	7.903	97	114975	20.38	ug/l	98
36) 1,1-Dichloropropene	8.108	75	106347	21.10	ug/l	100
37) Ethyl Acetate	7.285	43	51835	25.42	ug/l	99
38) Carbon Tetrachloride	8.097	117	104459	21.70	ug/l #	96
39) Methylcyclohexane	9.355	83	117020	20.25	ug/l	97
40) Benzene	8.350	78	306462	20.96	ug/l	96
41) Methacrylonitrile	7.514	41	22545	19.64	ug/l #	80

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123020\
 Data File : VD067972.D
 Acq On : 30 Dec 2020 13:09
 Operator : VA/SY
 Sample : VD1230SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1230SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/4/2021 10:03:24 AM

Quant Time: Dec 31 00:14:05 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : Sw846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.426	62	93237	23.65	ug/l	99
43) Isopropyl Acetate	8.456	43	88692	23.70	ug/l	97
44) Trichloroethene	9.108	130	77689	21.20	ug/l	91
45) 1,2-Dichloropropane	9.391	63	79738	21.42	ug/l	100
46) Dibromomethane	9.473	93	44491	24.59	ug/l	95
47) Bromodichloromethane	9.661	83	107818	22.09	ug/l	93
48) Methyl methacrylate	9.455	41	47236	24.42	ug/l #	93
49) 1,4-Dioxane	9.455	88	9662	489.12	ug/l #	87
51) 4-Methyl-2-Pentanone	10.226	43	242919	125.33	ug/l	98
52) Toluene	10.402	92	195559	21.67	ug/l	100
53) t-1,3-Dichloropropene	10.620	75	100410	22.75	ug/l	98
54) cis-1,3-Dichloropropene	10.091	75	119029	21.79	ug/l	99
55) 1,1,2-Trichloroethane	10.797	97	60011	23.73	ug/l	95
56) Ethyl methacrylate	10.661	69	67325	23.70	ug/l	98
57) 1,3-Dichloropropane	10.950	76	105715	23.78	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	151837	106.21	ug/l	99
59) 2-Hexanone	10.985	43	168988	132.67	ug/l	97
60) Dibromochloromethane	11.144	129	73900	23.59	ug/l	100
61) 1,2-Dibromoethane	11.249	107	56582	23.33	ug/l	96
64) Tetrachloroethene	10.879	164	65176	20.24	ug/l	97
65) Chlorobenzene	11.667	112	204580	20.66	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.744	131	73159	20.70	ug/l	99
67) Ethyl Benzene	11.744	91	344980	19.54	ug/l	97
68) m/p-Xylenes	11.855	106	268881	39.96	ug/l	99
69) o-Xylene	12.179	106	115012	19.10	ug/l	95
70) Styrene	12.197	104	213645	20.53	ug/l	98
71) Bromoform	12.361	173	41698	23.34	ug/l #	100
73) Isopropylbenzene	12.479	105	324971	19.80	ug/l	97
74) N-ethyl acetate	12.285	43	82702	22.20	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.732	83	73534	24.15	ug/l	98
76) 1,2,3-Trichloropropane	12.785	75	41056m	22.05	ug/l	
77) Bromobenzene	12.761	156	79597	21.21	ug/l	97
78) n-propylbenzene	12.820	91	411014	20.14	ug/l	99
79) 2-Chlorotoluene	12.908	91	229218	19.88	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	274679	20.15	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	20765	22.86	ug/l	94
82) 4-Chlorotoluene	13.002	91	251029	20.72	ug/l	99
83) tert-Butylbenzene	13.226	119	227662	20.30	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	278100	20.34	ug/l	98
85) sec-Butylbenzene	13.402	105	329032	20.06	ug/l	98
86) p-Isopropyltoluene	13.514	119	292286	20.25	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	157188	21.06	ug/l	97
88) 1,4-Dichlorobenzene	13.596	146	151505	20.55	ug/l	98
89) n-Butylbenzene	13.843	91	276912	19.34	ug/l	99
90) Hexachloroethane	14.114	117	58391	19.79	ug/l	97
91) 1,2-Dichlorobenzene	13.891	146	131257	20.89	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.508	75	11062	23.20	ug/l	96
93) 1,2,4-Trichlorobenzene	15.161	180	79033	21.18	ug/l	98
94) Hexachlorobutadiene	15.267	225	44546	20.40	ug/l	97
95) Naphthalene	15.402	128	146993	22.29	ug/l	100
96) 1,2,3-Trichlorobenzene	15.596	180	72078	22.36	ug/l	94

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

Instrument :

MSVOA_D

ClientSampleId :

VD1230SBS01

Manual Integrations

APPROVED

MMDadoda

1/4/2021 10:03:24 AM

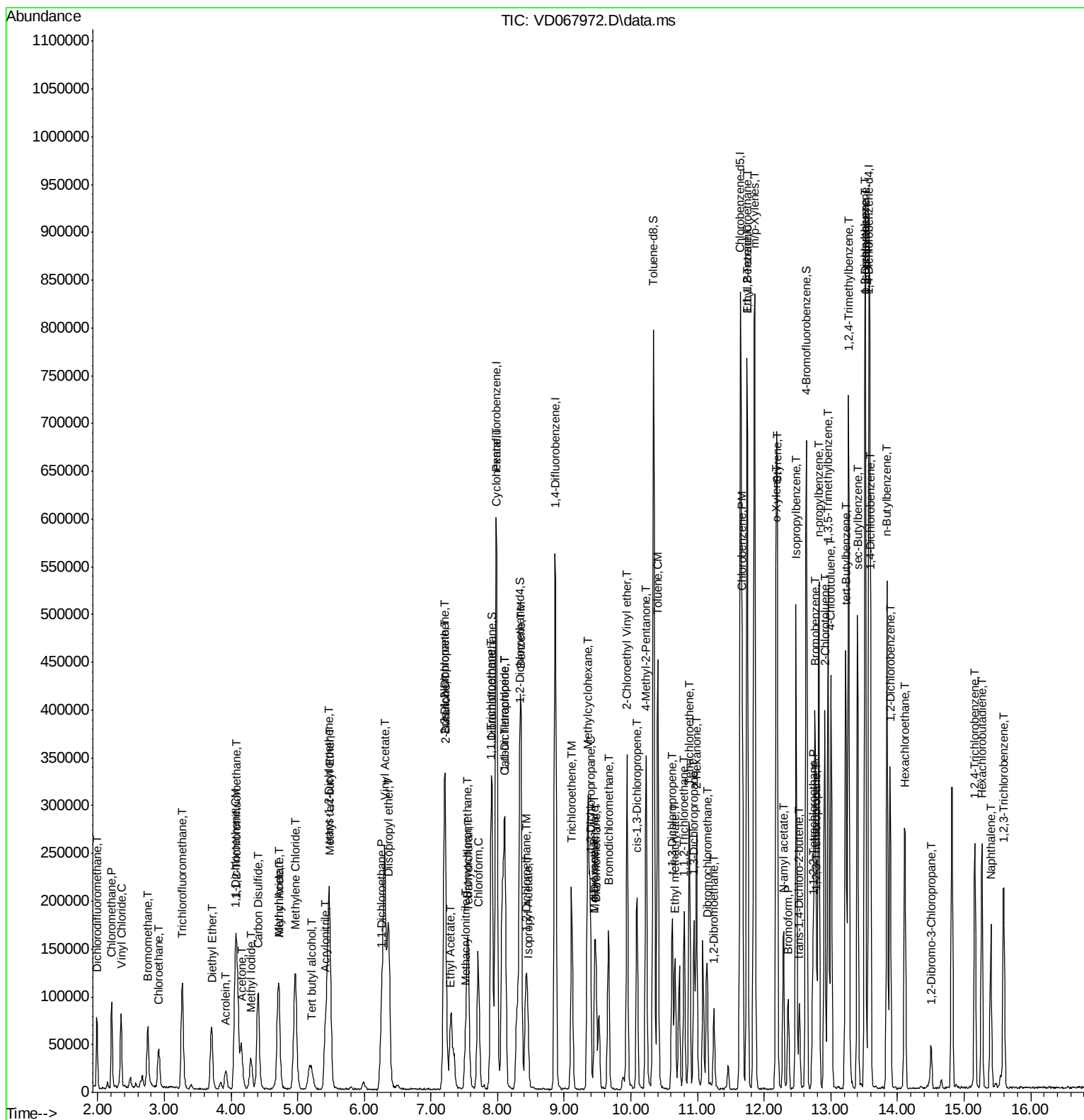
```
Data Path : Z:\voasrv\HPCHEM1\MSV0A_D\Data\VD123020\
Data File : VD067972.D
Acq On    : 30 Dec 2020  13:09
Operator  : VA/SY
Sample    : VD1230SBS01
Misc      : 5.00G/5.00ml/MSV0A_D/SOIL
ALS Vial  : 4   Sample Multiplier: 1
```

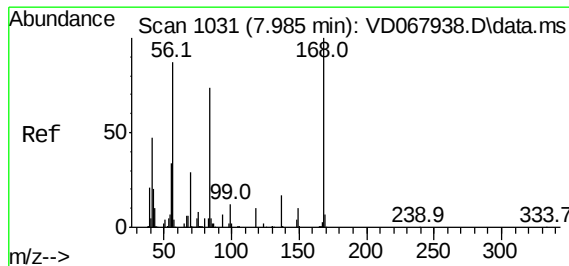
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

MMDadoda
1/4/2021 10:03:24 AM

Quant Time: Dec 31 00:14:05 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : wed Dec 23 07:34:16 2020
Response via : Initial Calibration





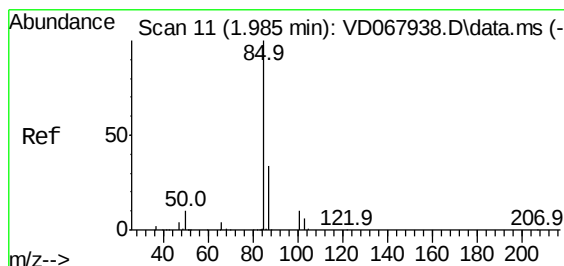
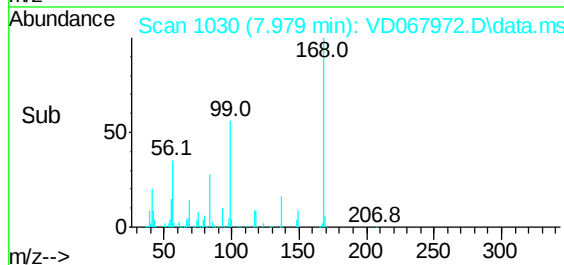
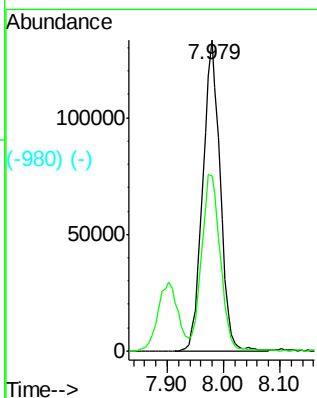
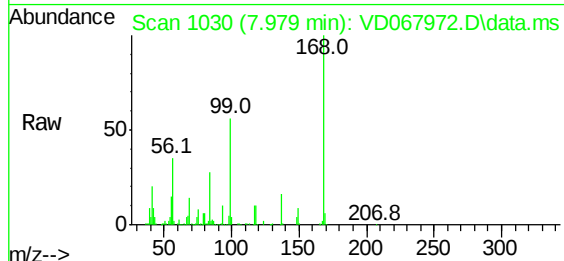
Pentafuorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion:168 Resp: 283666
Ion Ratio Lower Upper
168 100
99 56.1 48.0 72.0

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

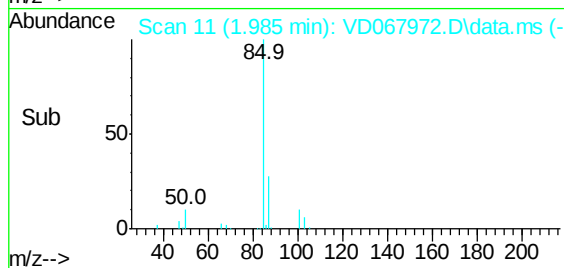
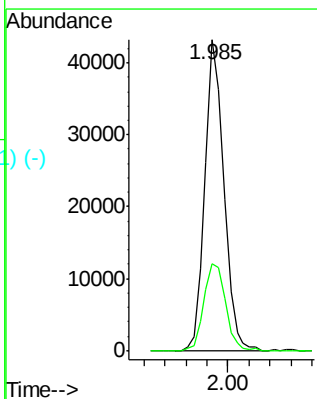
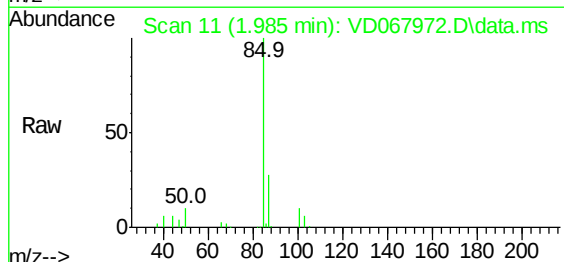
Manual Integrations
APPROVED

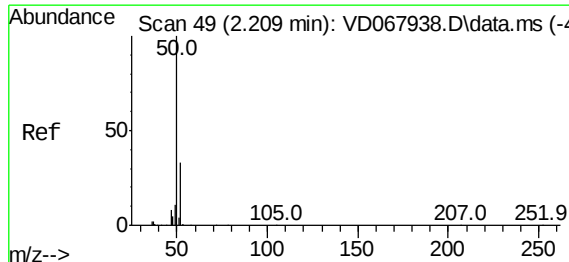
MMDadoda
1/4/2021 10:03:24 AM



Dichlorodifluoromethane
Concen: 18.67 ug/l
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 85 Resp: 53936
Ion Ratio Lower Upper
85 100
87 27.9 17.1 51.3





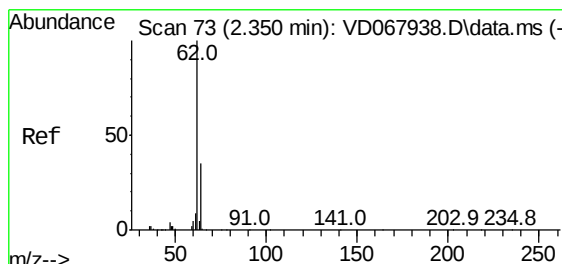
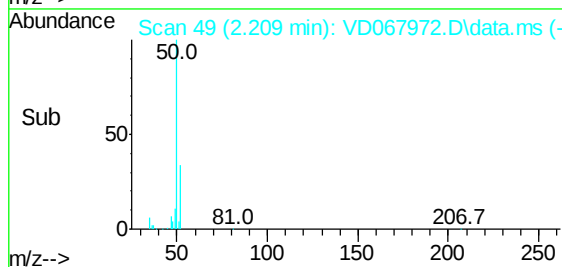
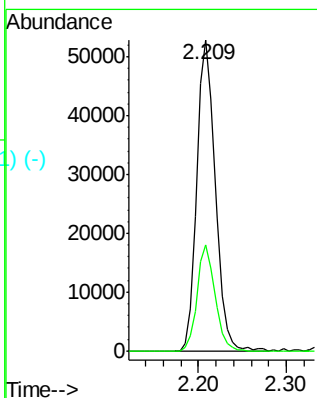
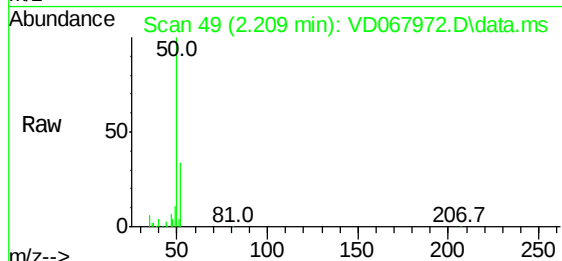
Chloromethane
Concen: 18.94 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 50 Resp: 74804
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.4

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

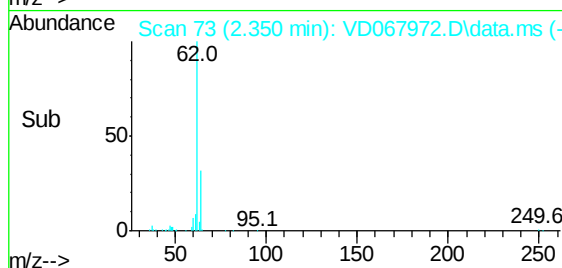
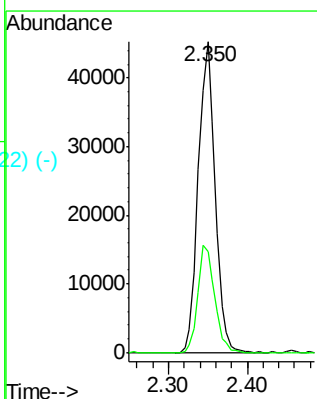
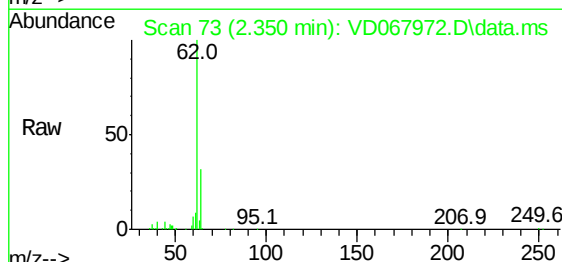
Manual Integrations
APPROVED

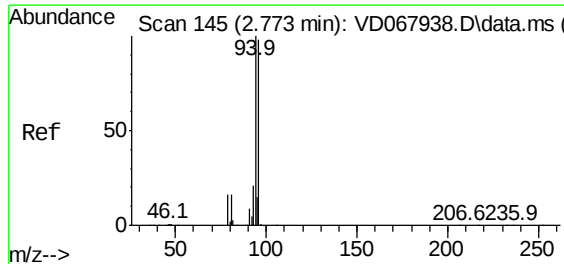
MMDadoda
1/4/2021 10:03:24 AM



Vinyl Chloride
Concen: 18.11 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 62 Resp: 66670
Ion Ratio Lower Upper
62 100
64 32.3 28.1 42.1





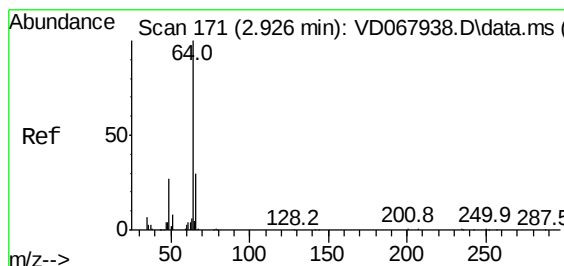
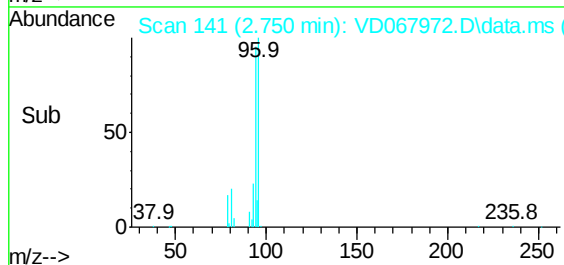
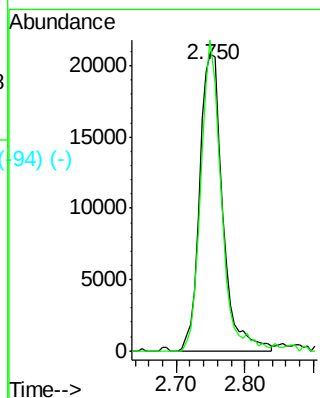
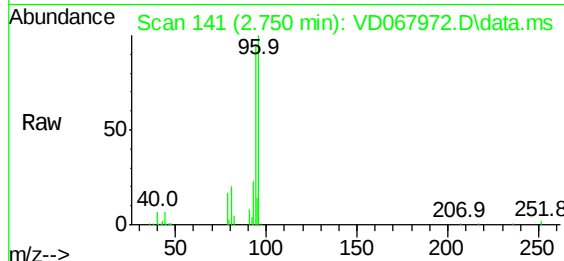
Bromomethane
Concen: 17.67 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.023 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 94 Resp: 48189
Ion Ratio Lower Upper
94 100
96 104.8 78.0 117.0

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

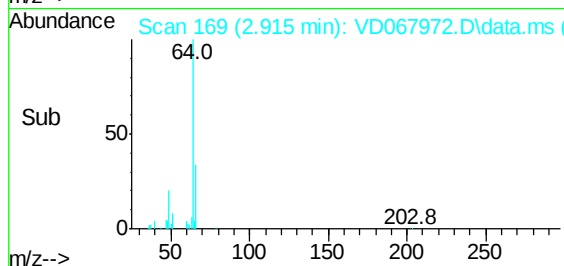
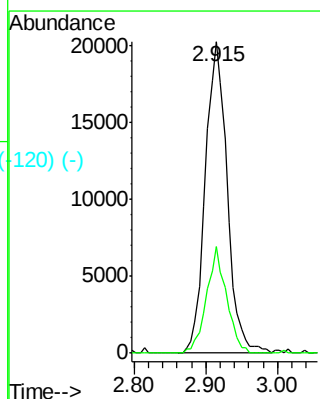
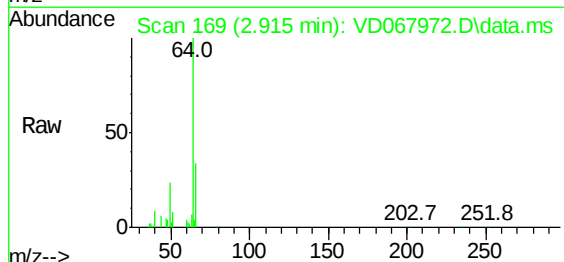
Manual Integrations
APPROVED

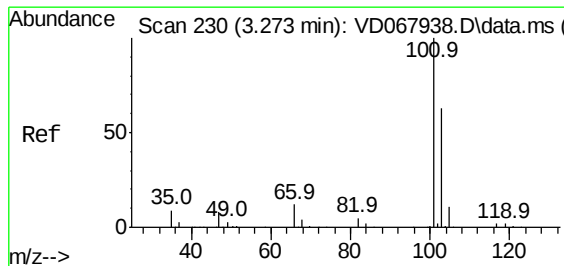
MMDadoda
1/4/2021 10:03:24 AM



Chloroethane
Concen: 18.76 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.012 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 64 Resp: 42435
Ion Ratio Lower Upper
64 100
66 34.3 24.1 36.1





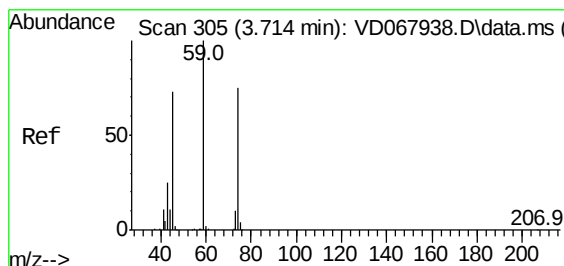
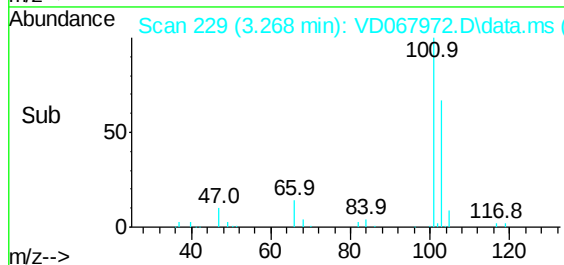
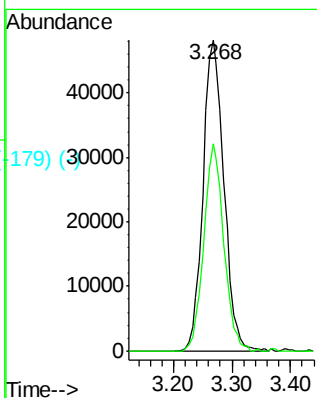
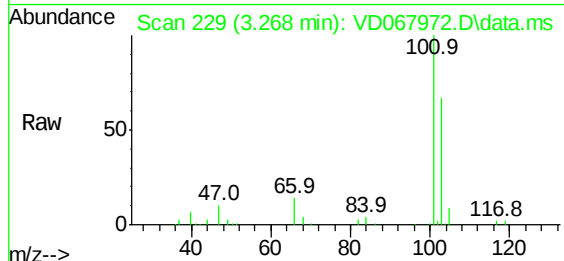
Scan 230 (3.273 min): VD067938.D\data.ms (-217) (-)
 Trichlorofluoromethane
 Concen: 21.79 ug/l
 RT: 3.268 min Scan# 229
 Delta R.T. -0.006 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

Tgt Ion: 101 Resp: 118183
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.4 75.6

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1230SBS01

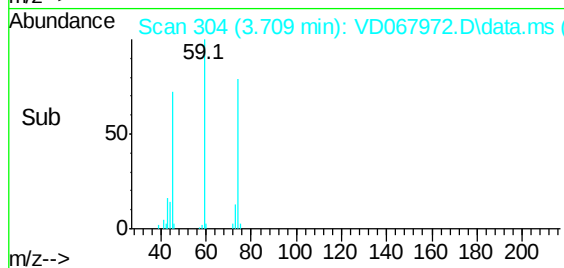
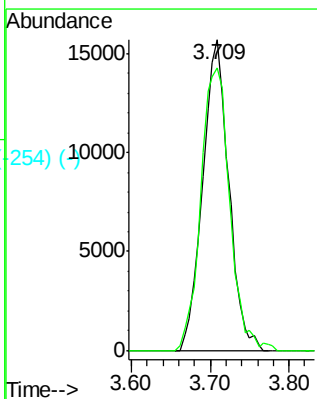
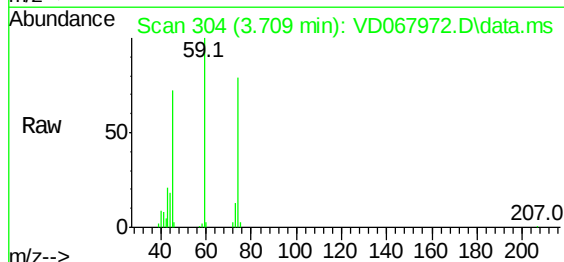
Manual Integrations
 APPROVED

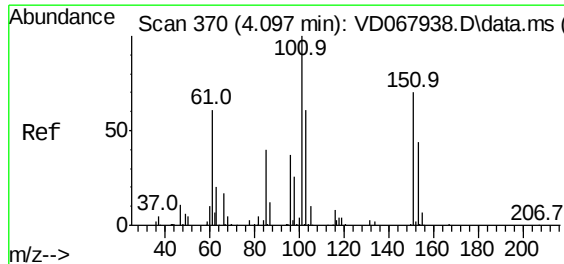
MMDadoda
 1/4/2021 10:03:24 AM



Scan 305 (3.714 min): VD067938.D\data.ms (-254) (-)
 Diethyl Ether
 Concen: 23.09 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

Tgt Ion: 74 Resp: 35916
 Ion Ratio Lower Upper
 74 100
 45 101.1 51.8 155.5





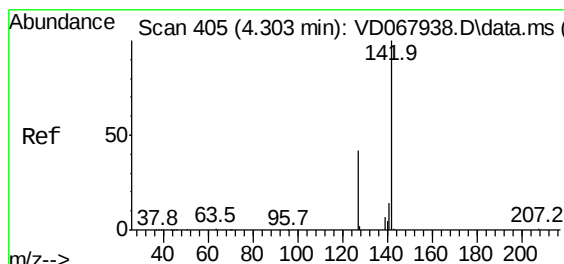
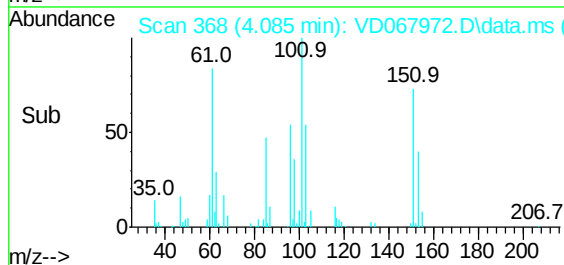
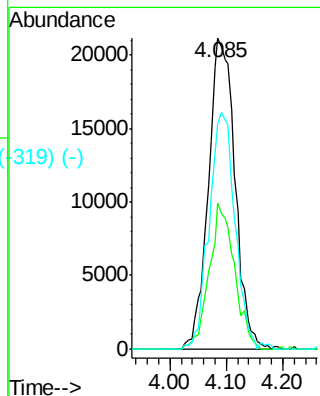
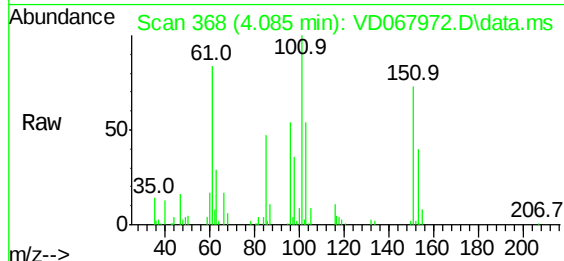
1,1,2-Trichlorotrifluoroethane
 Concen: 21.39 ug/l
 RT: 4.085 min Scan# 368
 Delta R.T. -0.012 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

Tgt Ion:	101	Resp:	69156
Ion	Ratio	Lower	Upper
101	100		
85	44.2	34.2	51.2
151	73.8	57.6	86.4

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1230SBS01

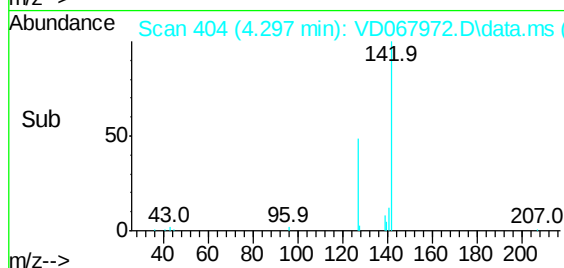
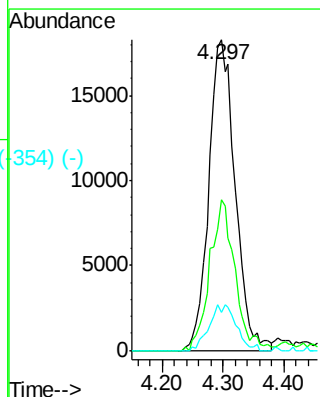
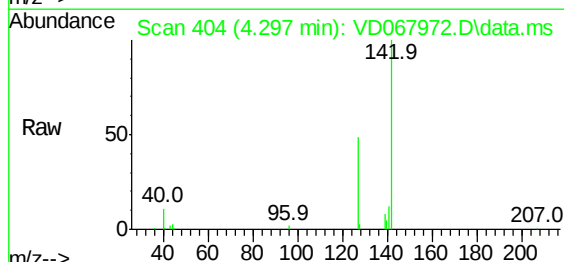
Manual Integrations
 APPROVED

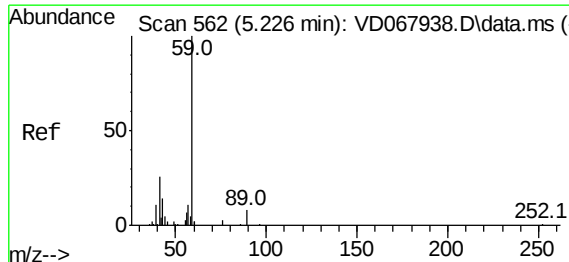
MMDadoda
 1/4/2021 10:03:24 AM



Methyl Iodide
 Concen: 19.22 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

Tgt Ion:	142	Resp:	54949
Ion	Ratio	Lower	Upper
142	100		
127	46.4	34.4	51.6
141	15.1	11.8	17.8





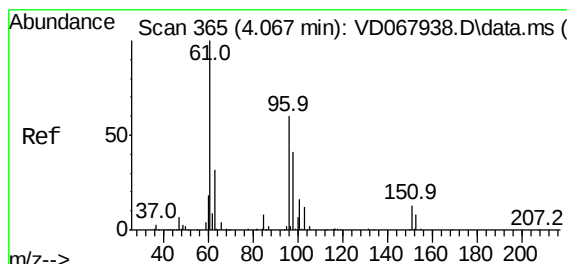
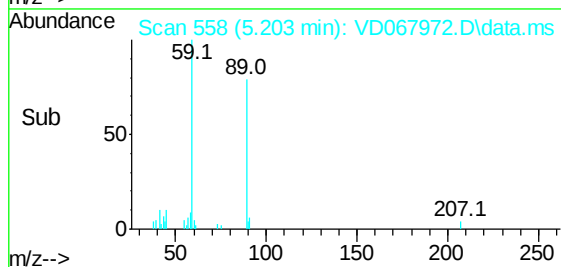
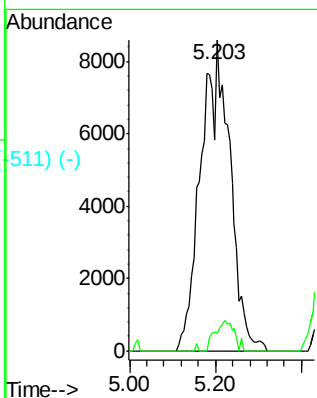
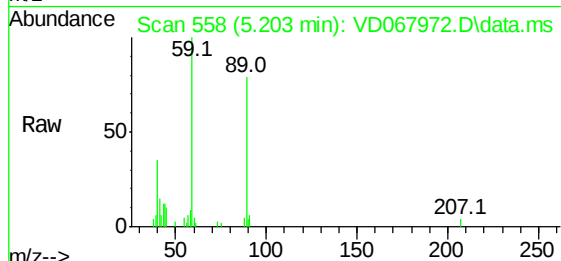
Tert butyl alcohol
 Concen: 224.79 ug/l m
 RT: 5.203 min Scan# 558
 Delta R.T. -0.023 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

Tgt Ion: 59 Resp: 40828
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1230SBS01

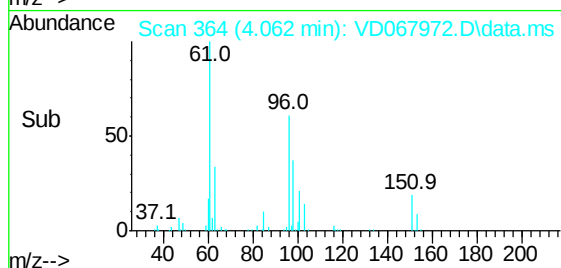
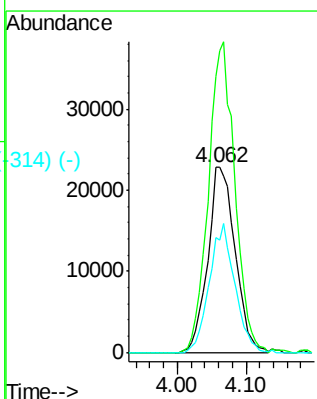
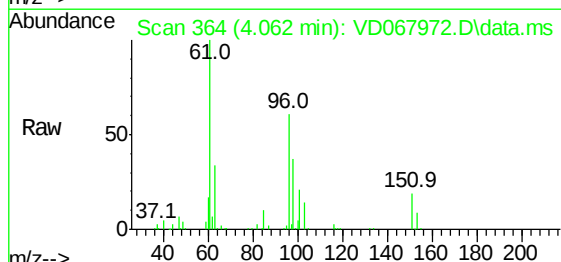
Manual Integrations
 APPROVED

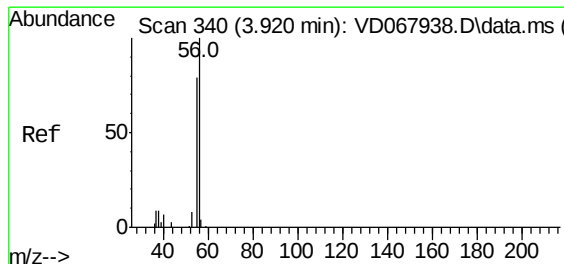
MMDadoda
 1/4/2021 10:03:24 AM



1,1-Dichloroethene
 Concen: 20.40 ug/l
 RT: 4.062 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

Tgt Ion: 96 Resp: 63276
 Ion Ratio Lower Upper
 96 100
 61 163.1 133.6 200.4
 98 61.0 54.8 82.2





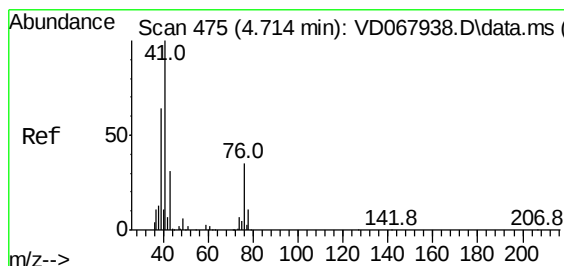
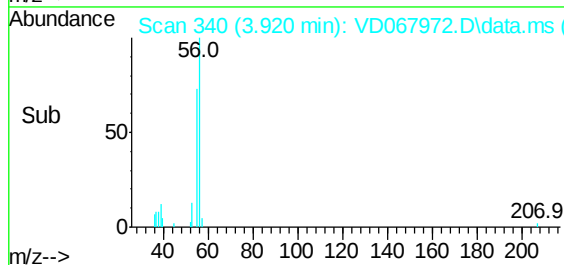
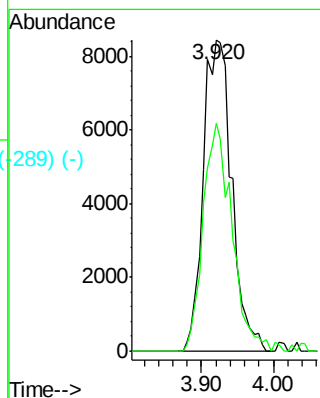
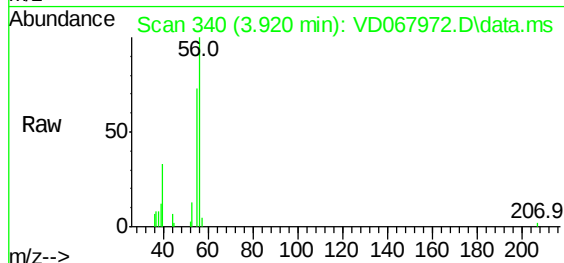
Acrolein
Concen: 105.98 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 56 Resp: 23104
Ion Ratio Lower Upper
56 100
55 73.9 58.5 87.7

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

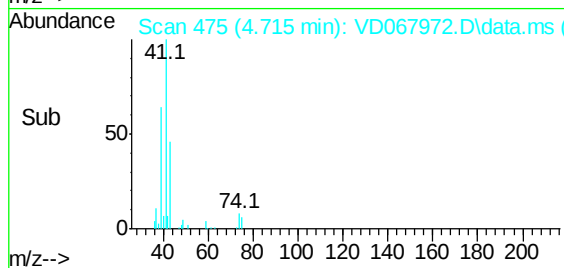
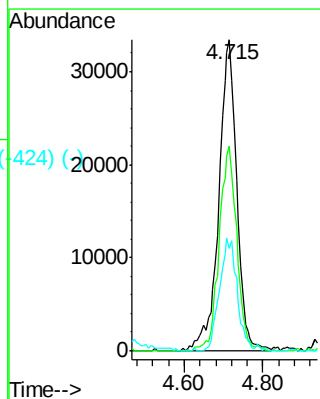
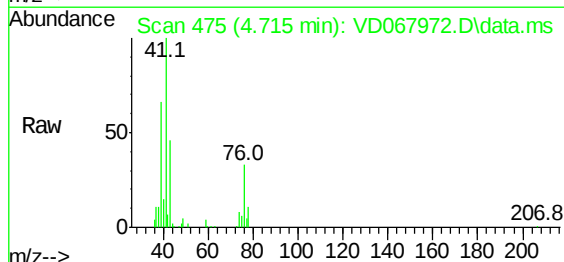
Manual Integrations
APPROVED

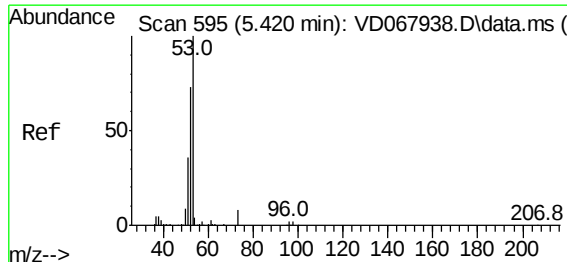
MMDadoda
1/4/2021 10:03:24 AM



Allyl chloride
Concen: 19.09 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 41 Resp: 105247
Ion Ratio Lower Upper
41 100
39 64.4 50.5 75.7
76 35.3 27.0 40.4





Acrylonitrile
Concen: 124.28 ug/l
RT: 5.415 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

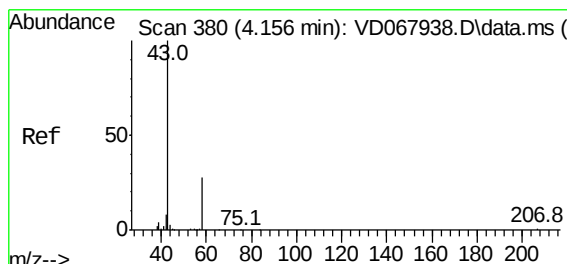
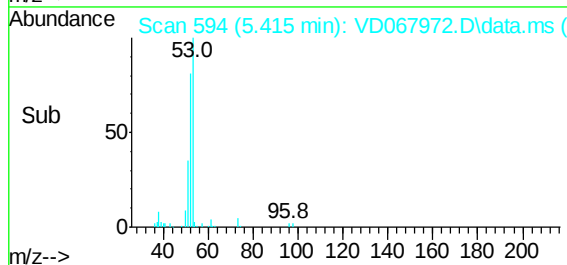
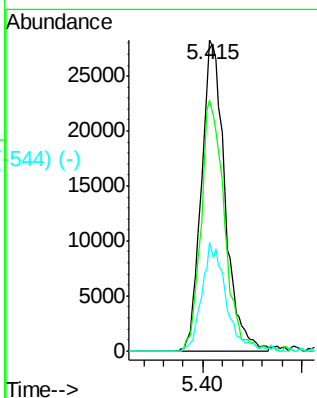
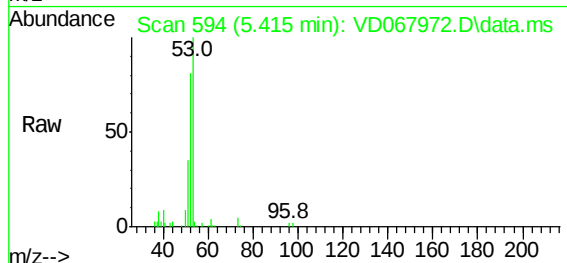
Tgt Ion: 53 Resp: 92538

Ion	Ratio	Lower	Upper
53	100		
52	79.8	65.3	97.9
51	35.3	29.4	44.2

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

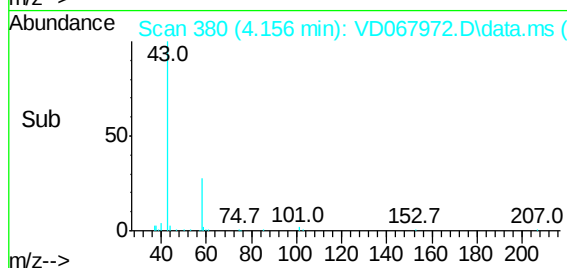
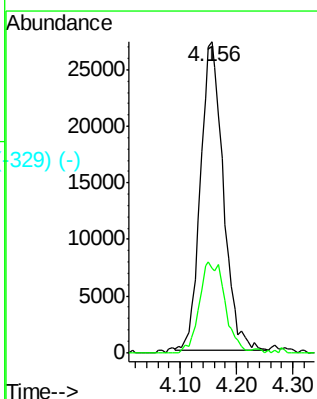
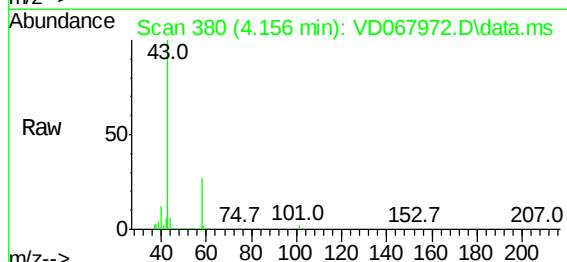
MMDadoda
1/4/2021 10:03:24 AM

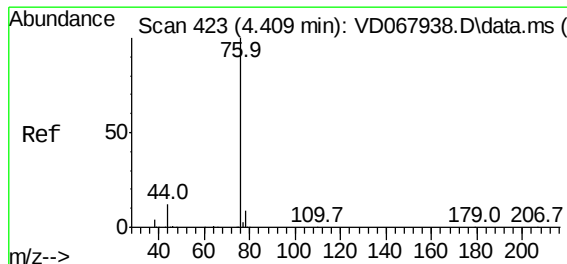


Acetone
Concen: 130.03 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 43 Resp: 76046

Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.3	33.5





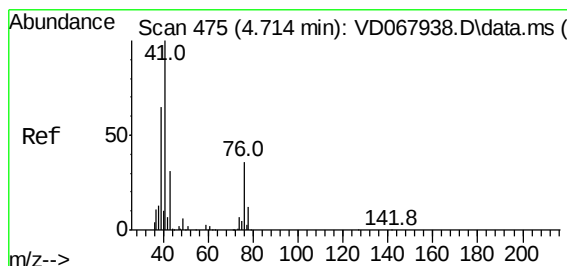
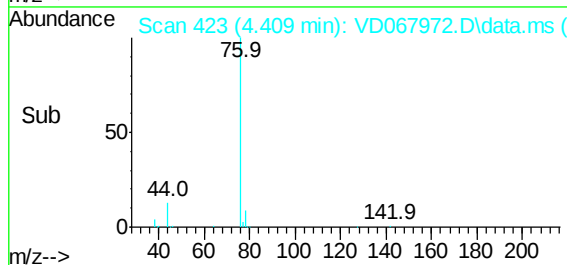
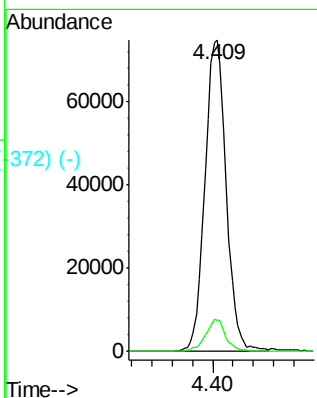
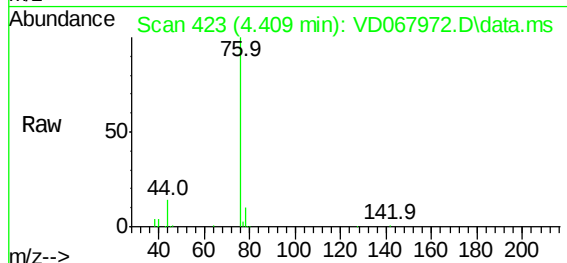
Carbon Disulfide
Concen: 19.95 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 76 Resp: 215603
Ion Ratio Lower Upper
76 100
78 9.9 7.1 10.7

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

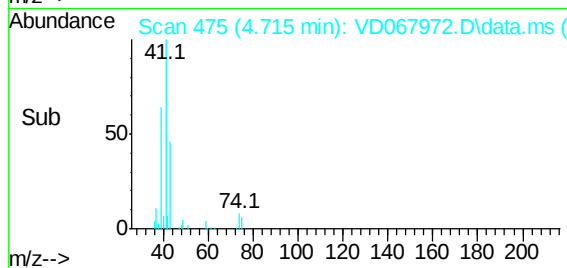
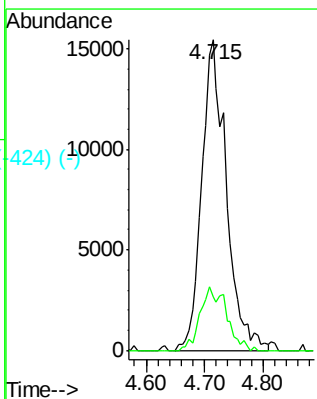
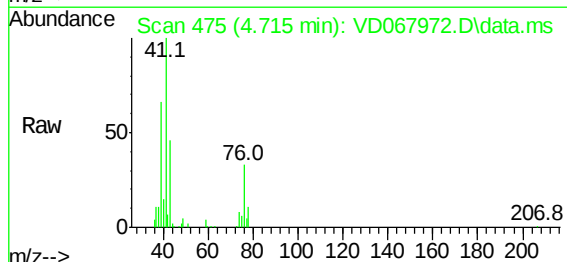
Manual Integrations
APPROVED

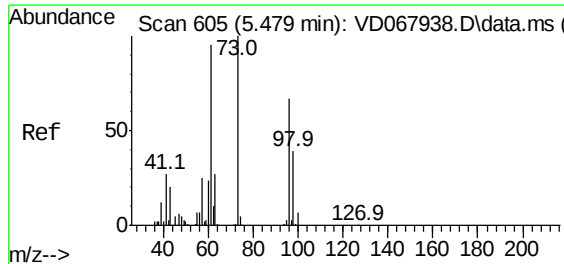
MMDadoda
1/4/2021 10:03:24 AM



Methyl Acetate
Concen: 25.93 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 43 Resp: 44810
Ion Ratio Lower Upper
43 100
74 21.8 18.2 27.2





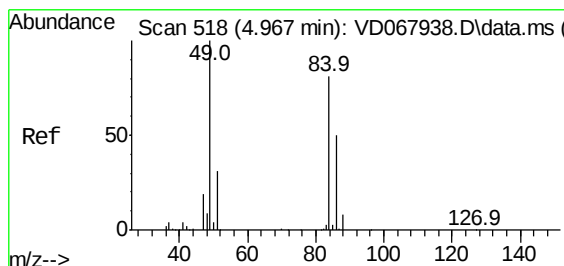
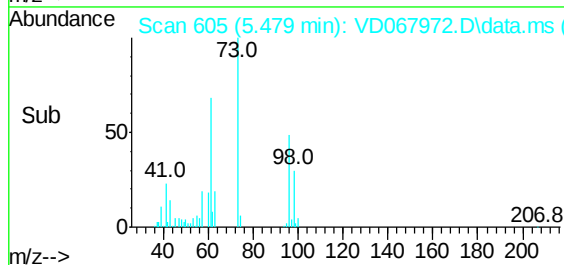
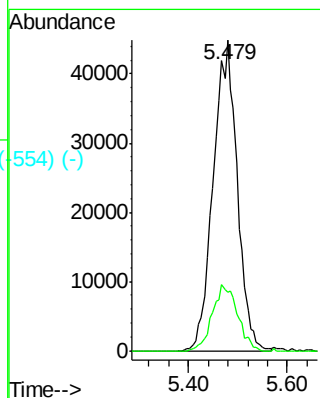
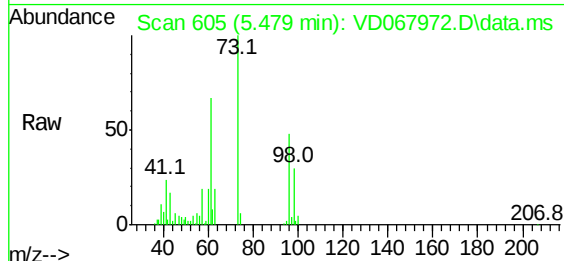
Methyl tert-butyl Ether
 Concen: 23.32 ug/l
 RT: 5.479 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

Tgt Ion: 73 Resp: 150351
 Ion Ratio Lower Upper
 73 100
 57 18.9 19.8 29.6#

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1230SBS01

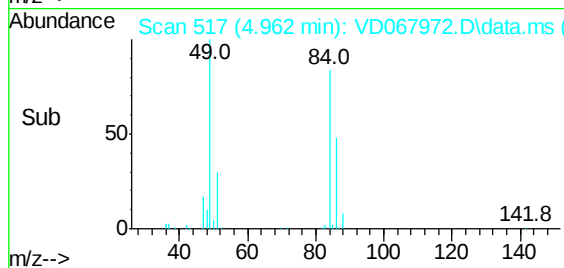
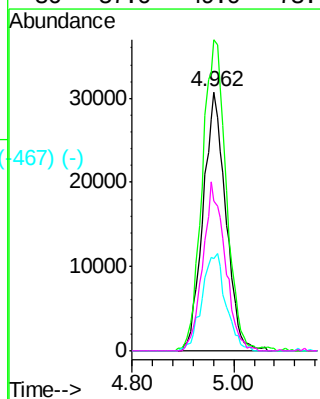
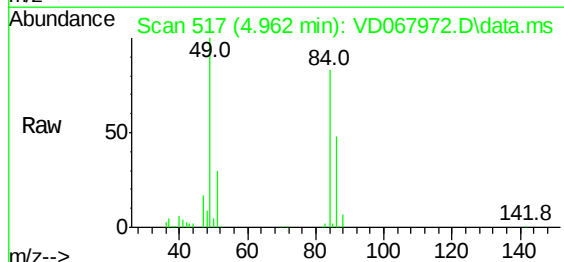
Manual Integrations
 APPROVED

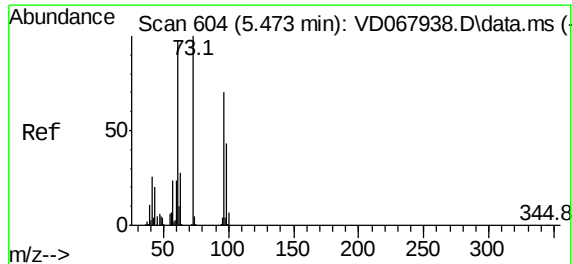
MMDadoda
 1/4/2021 10:03:24 AM



Methylene Chloride
 Concen: 20.80 ug/l
 RT: 4.962 min Scan# 517
 Delta R.T. -0.005 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

Tgt Ion: 84 Resp: 95133
 Ion Ratio Lower Upper
 84 100
 49 119.6 98.3 147.5
 51 35.8 30.3 45.5
 86 57.6 49.0 73.4





trans-1,2-Dichloroethene
Concen: 21.11 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

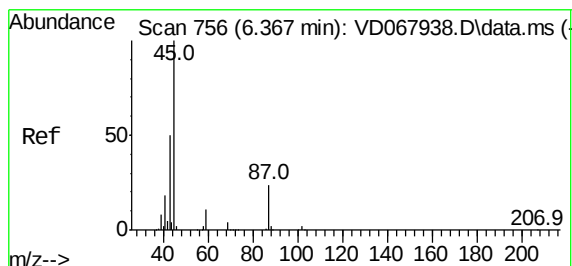
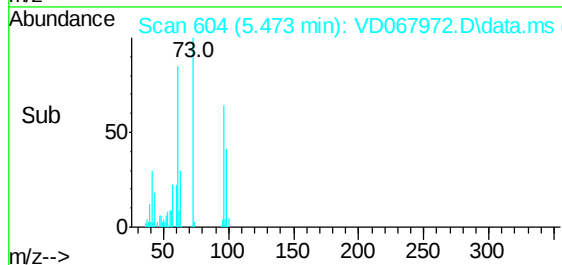
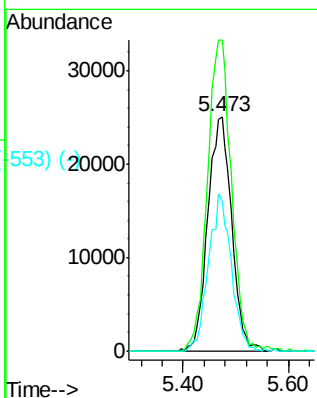
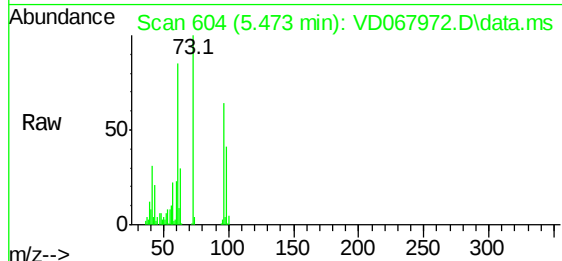
Tgt Ion: 96 Resp: 78247

Ion	Ratio	Lower	Upper
96	100		
61	132.5	109.9	164.9
98	63.9	49.0	73.4

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

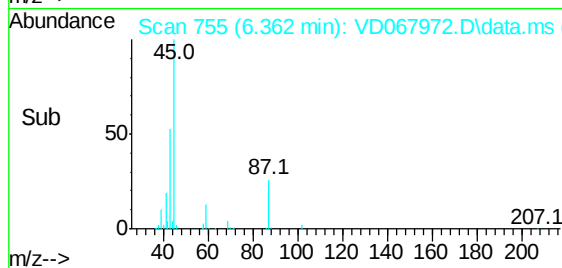
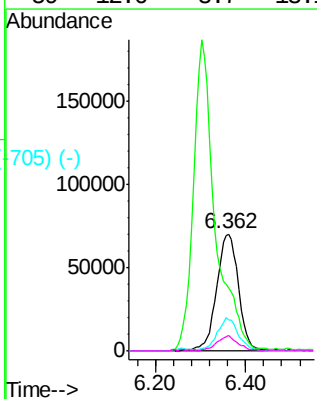
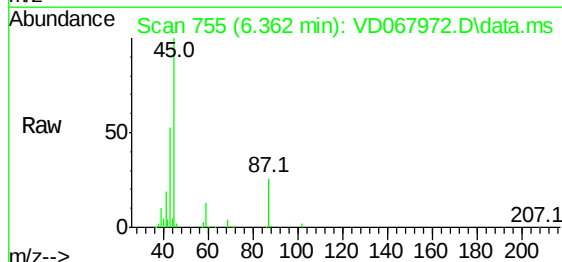
MMDadoda
1/4/2021 10:03:24 AM

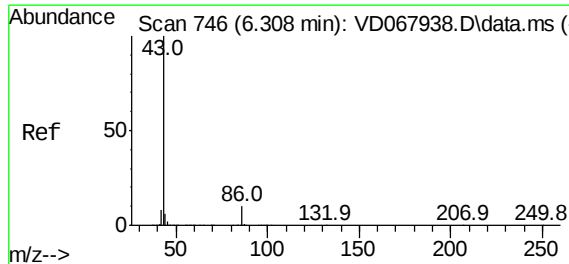


Diisopropyl ether
Concen: 20.85 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 45 Resp: 231577

Ion	Ratio	Lower	Upper
45	100		
43	52.6	40.2	60.4
87	25.9	19.2	28.8
59	12.6	8.7	13.1





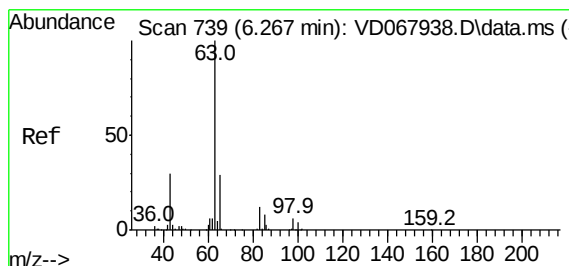
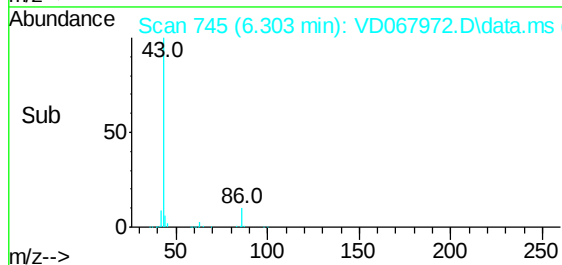
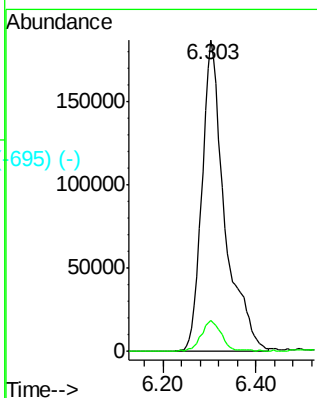
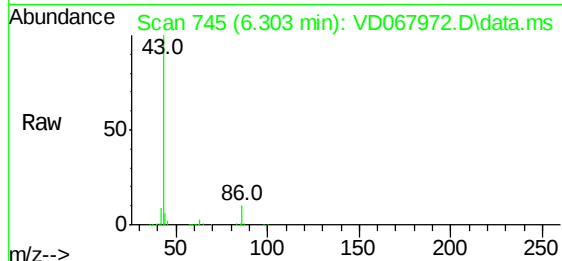
746 (-)
Vinyl Acetate
Concen: 112.18 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 43 Resp: 633326
Ion Ratio Lower Upper
43 100
86 9.8 7.9 11.9

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

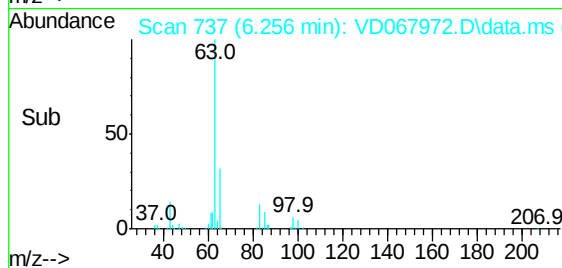
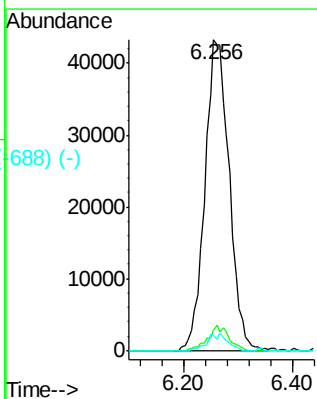
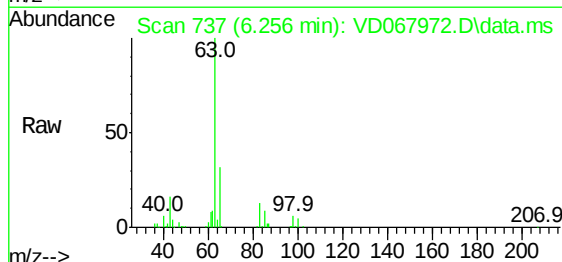
Manual Integrations
APPROVED

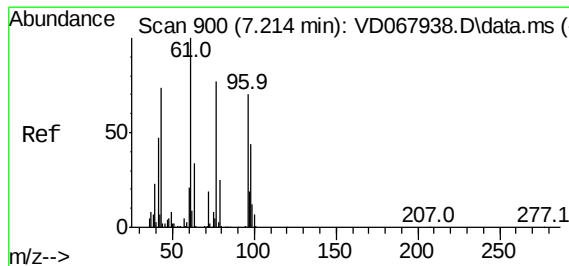
MMDadoda
1/4/2021 10:03:24 AM



739 (-)
1,1-Dichloroethane
Concen: 19.84 ug/l
RT: 6.256 min Scan# 737
Delta R.T. -0.012 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 63 Resp: 133385
Ion Ratio Lower Upper
63 100
98 6.3 2.9 8.6
100 4.9 1.9 5.7





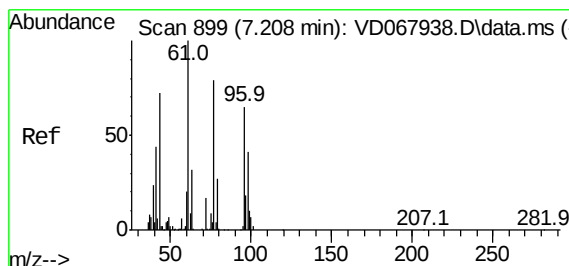
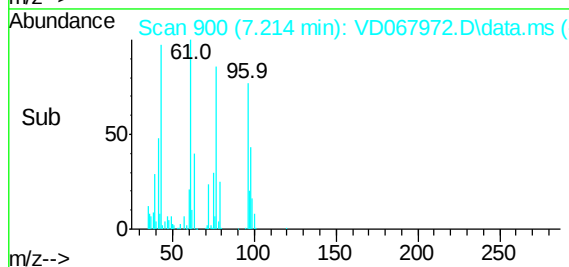
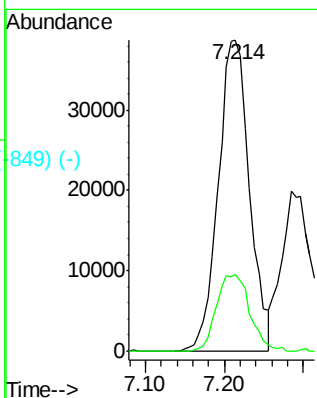
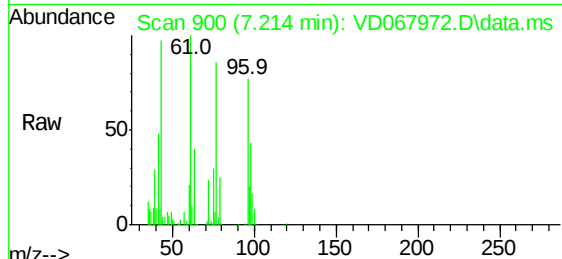
2-Butanone
Concen: 123.14 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 43 Resp: 106207
Ion Ratio Lower Upper
43 100
72 24.5 20.8 31.2

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

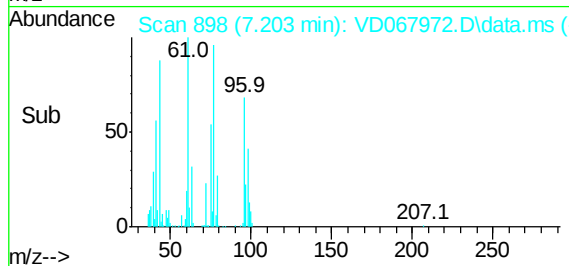
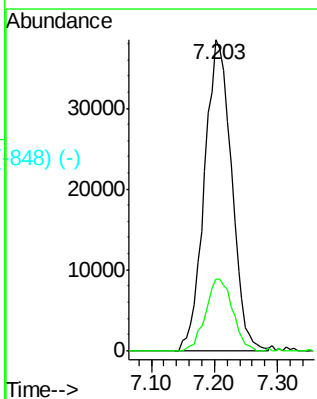
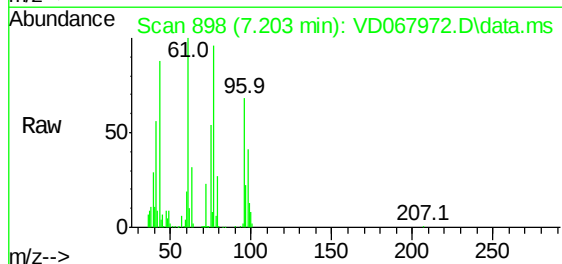
Manual Integrations
APPROVED

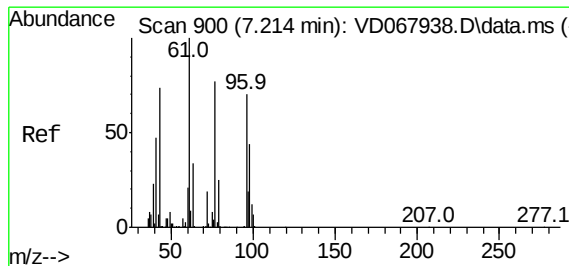
MMDadoda
1/4/2021 10:03:24 AM



2,2-Dichloropropane
Concen: 21.49 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 77 Resp: 113840
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.2





cis-1,2-Dichloroethene
Concen: 20.63 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

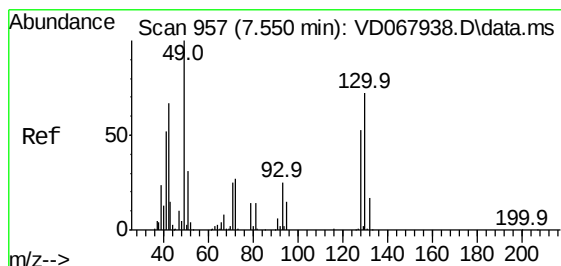
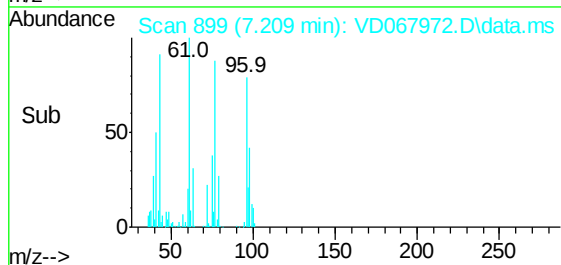
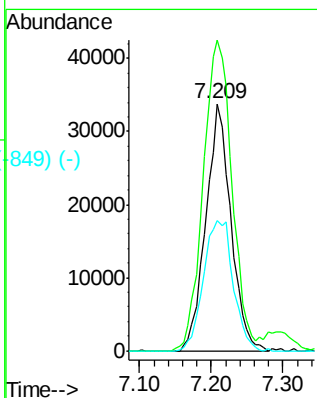
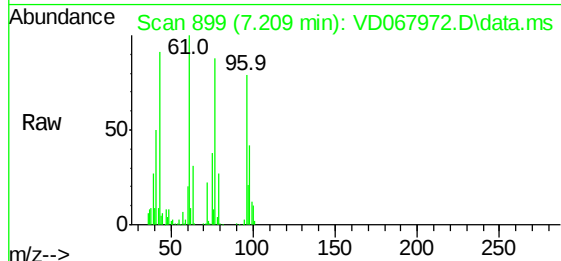
Tgt Ion: 96 Resp: 81696

Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	295.4
98	62.6	0.0	130.4

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

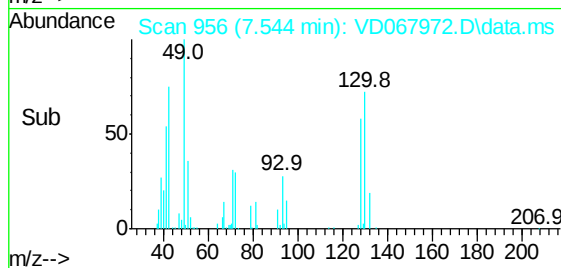
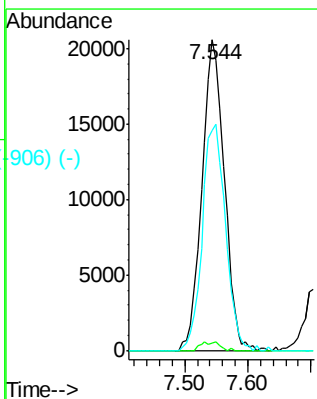
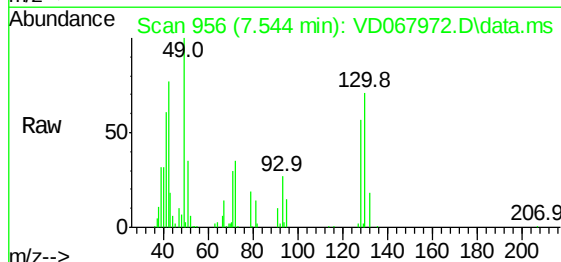
MMDadoda
1/4/2021 10:03:24 AM

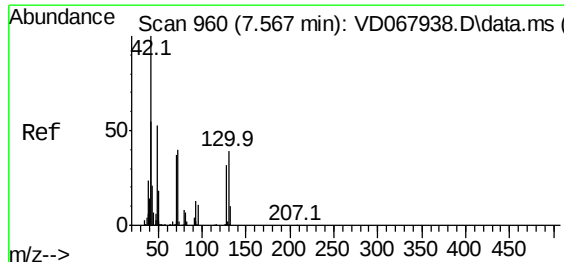


Bromochloromethane
Concen: 19.92 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 49 Resp: 50502

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.4
130	75.6	54.8	82.2





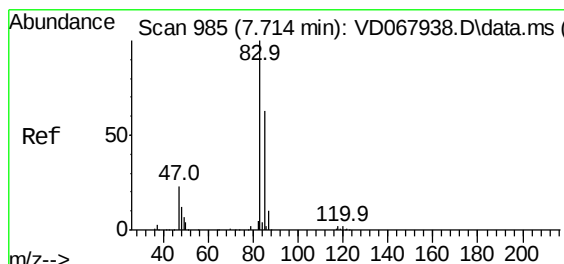
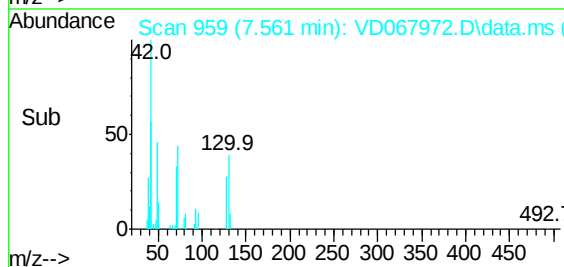
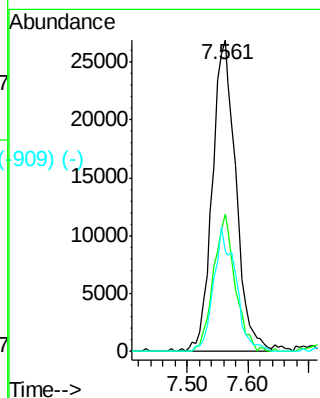
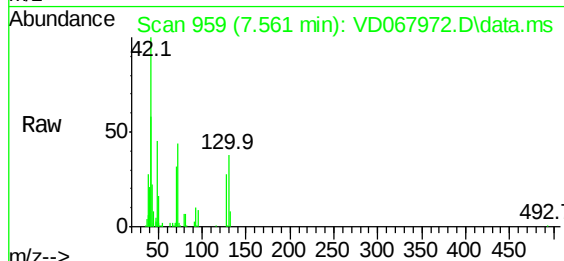
Tetrahydrofuran
Concen: 123.64 ug/l
RT: 7.561 min Scan# 959
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion:	42	Resp:	72133
Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.9	49.3
71	37.0	29.9	44.9

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

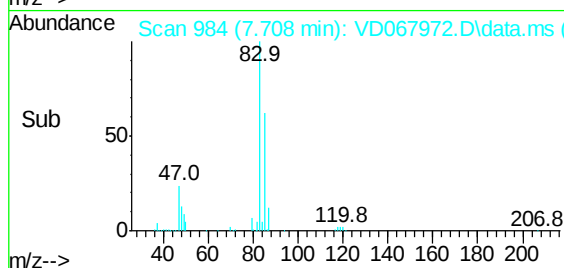
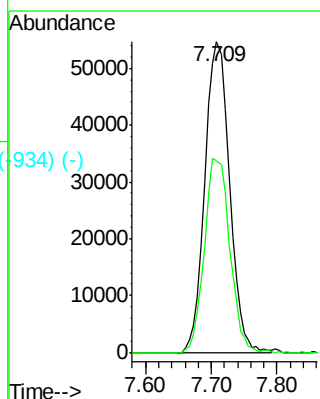
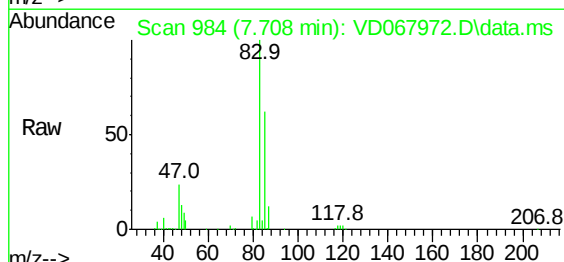
Manual Integrations
APPROVED

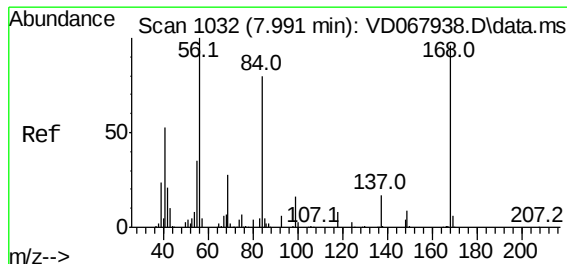
MMDadoda
1/4/2021 10:03:24 AM



Chloroform
Concen: 20.93 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion:	83	Resp:	137821
Ion	Ratio	Lower	Upper
83	100		
85	61.8	50.5	75.7





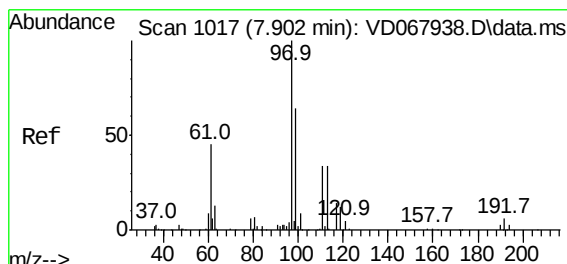
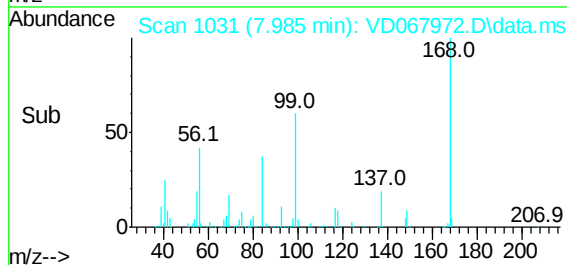
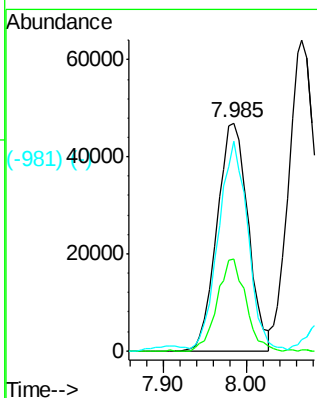
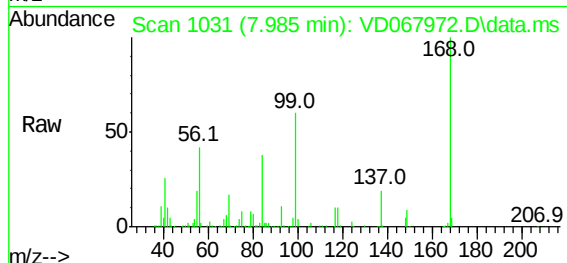
(-81) (-)
Cyclohexane
Concen: 19.38 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 56 Resp: 121325
Ion Ratio Lower Upper
56 100
69 40.0 22.7 34.1#
84 89.6 64.2 96.4

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

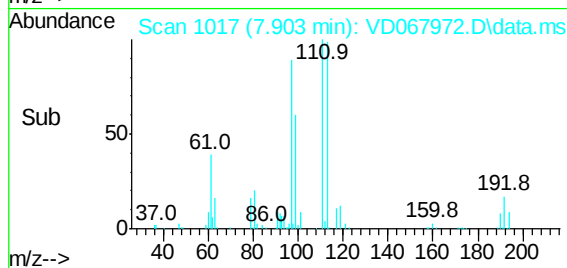
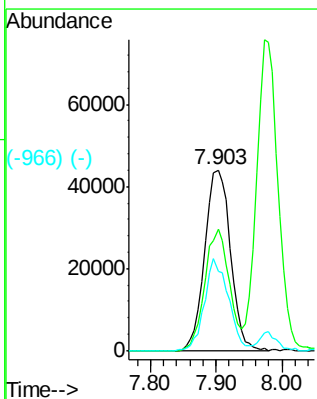
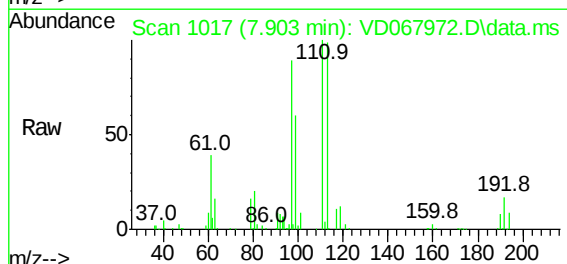
Manual Integrations
APPROVED

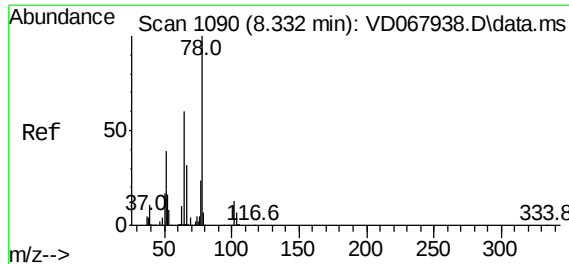
MMDadoda
1/4/2021 10:03:24 AM



(-86) (-)
1,1,1-Trichloroethane
Concen: 20.38 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 97 Resp: 114975
Ion Ratio Lower Upper
97 100
99 64.4 51.0 76.6
61 47.3 35.8 53.8





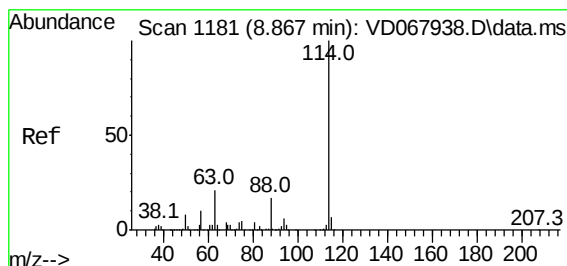
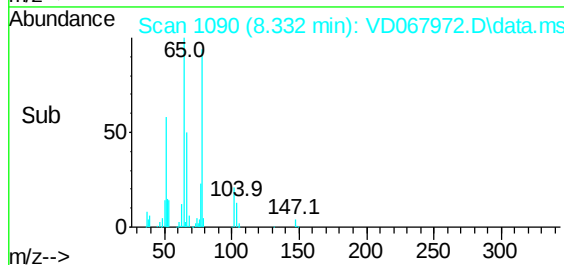
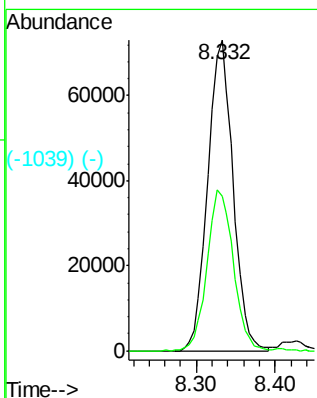
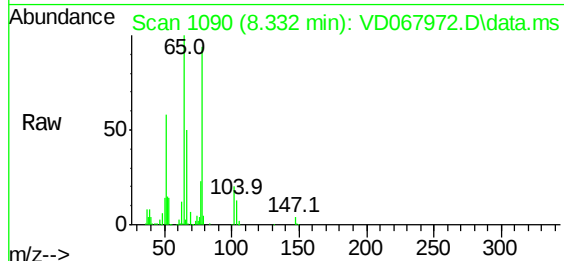
(-1090) (-)
 1,2-Dichloroethane-d4
 Concen: 53.16 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

Tgt Ion: 65 Resp: 162825
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.0

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1230SBS01

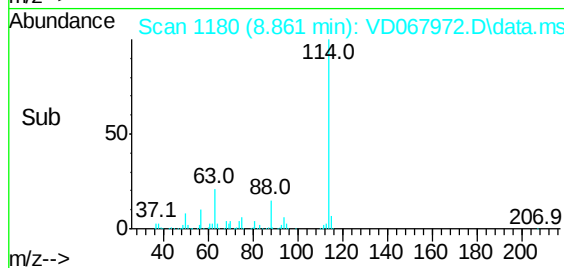
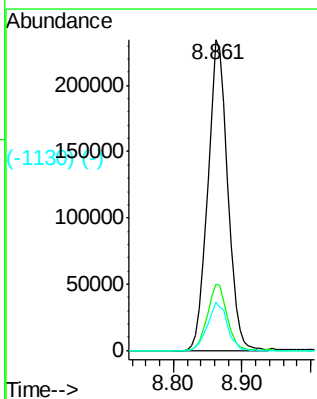
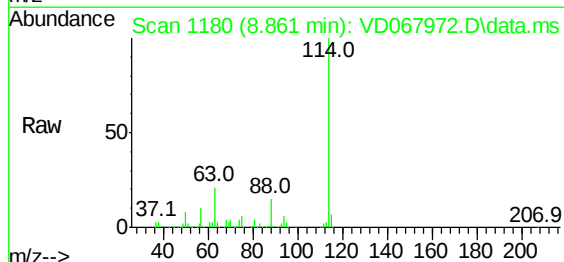
Manual Integrations
 APPROVED

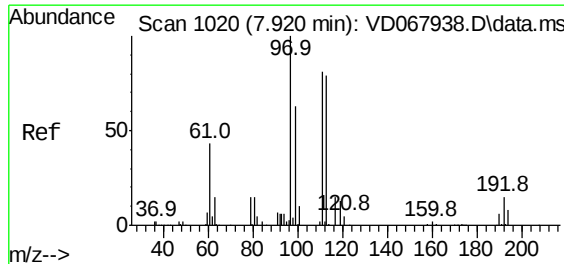
MMDadoda
 1/4/2021 10:03:24 AM



(-1181) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.861 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

Tgt Ion:114 Resp: 474170
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.4
 88 15.4 0.0 33.2





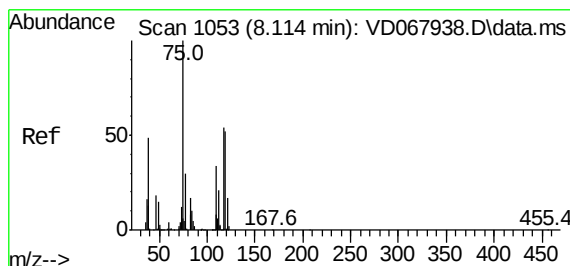
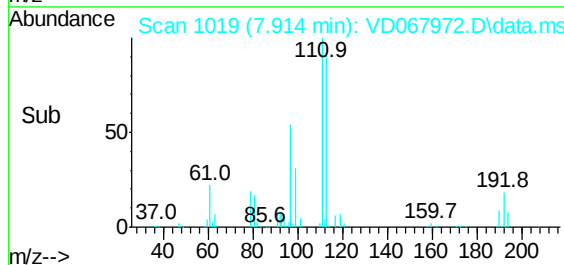
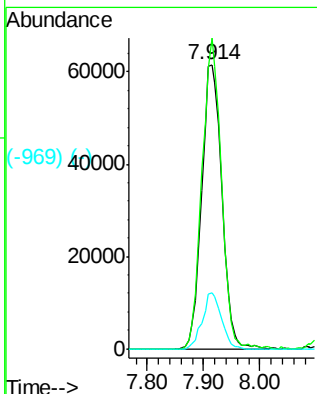
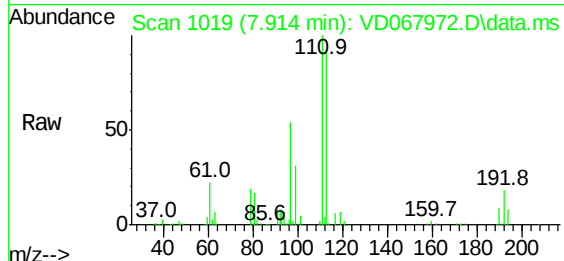
(-969) (-)
 Dibromofluoromethane
 Concen: 51.02 ug/l
 RT: 7.914 min Scan# 1019
 Delta R.T. -0.006 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

Tgt Ion: 113 Resp: 152436
 Ion Ratio Lower Upper
 113 100
 111 104.7 79.3 118.9
 192 18.7 14.5 21.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1230SBS01

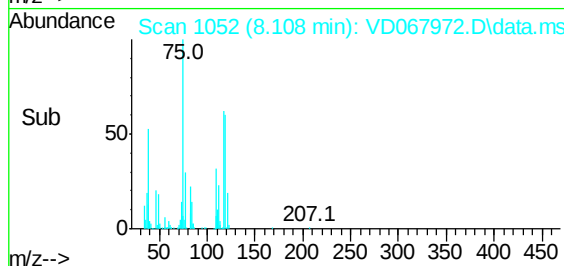
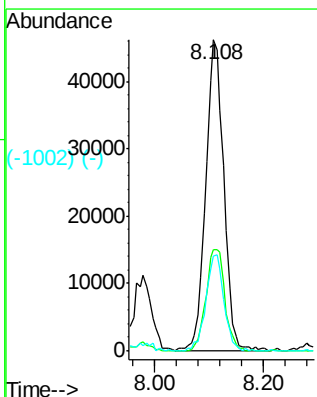
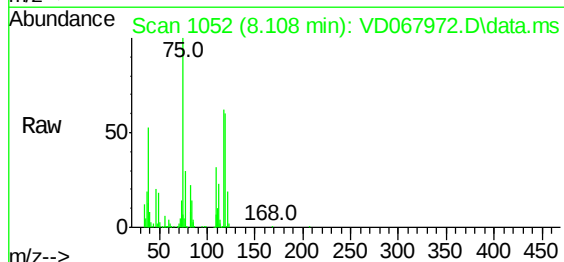
Manual Integrations
 APPROVED

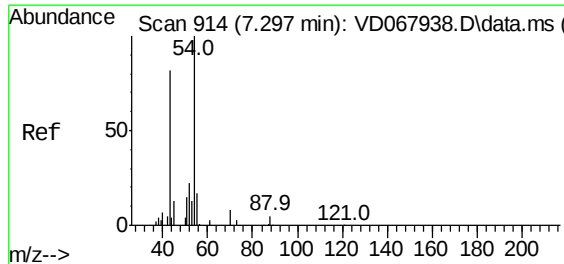
MMDadoda
 1/4/2021 10:03:24 AM



(-1060) (-)
 1,1-Dichloropropene
 Concen: 21.10 ug/l
 RT: 8.108 min Scan# 1052
 Delta R.T. -0.006 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

Tgt Ion: 75 Resp: 106347
 Ion Ratio Lower Upper
 75 100
 110 33.9 17.0 51.0
 77 30.4 24.6 37.0





Ethyl Acetate
Concen: 25.42 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.012 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

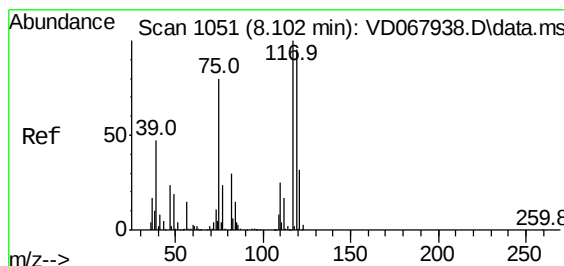
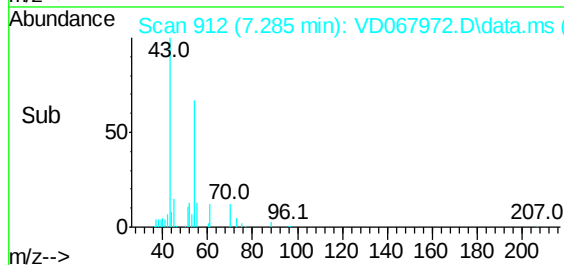
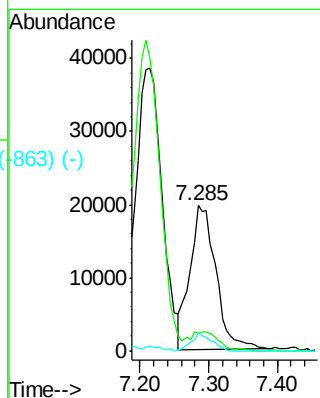
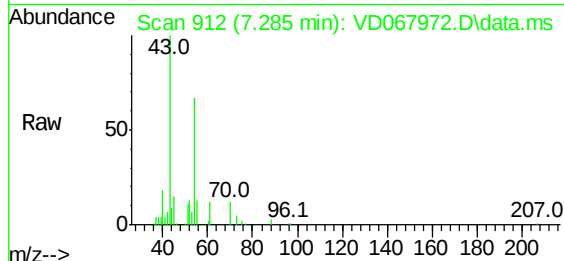
Tgt Ion: 43 Resp: 51835

Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.2	15.4
70	9.5	8.3	12.5

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

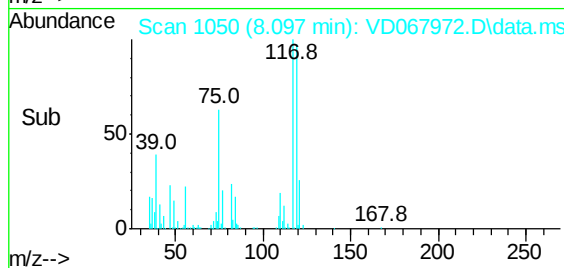
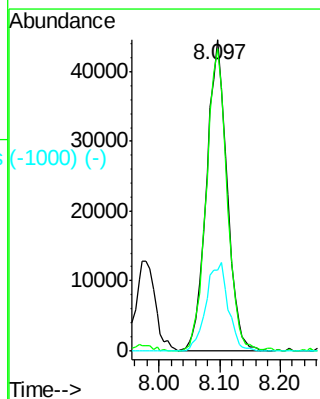
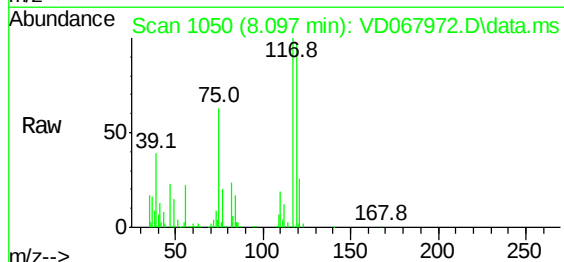
MMDadoda
1/4/2021 10:03:24 AM

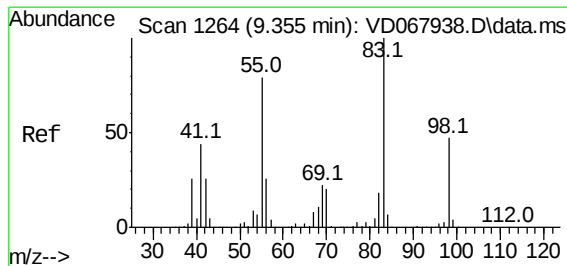


Carbon Tetrachloride
Concen: 21.70 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 117 Resp: 104459

Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.2	114.4
121	25.7	25.9	38.9#





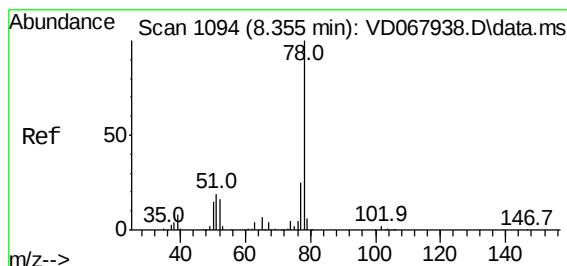
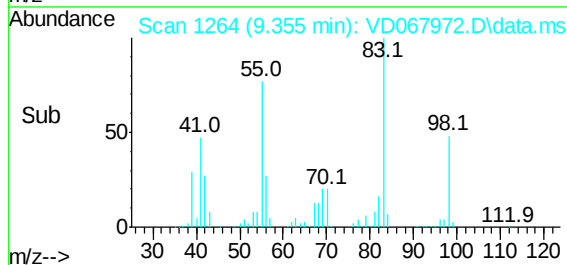
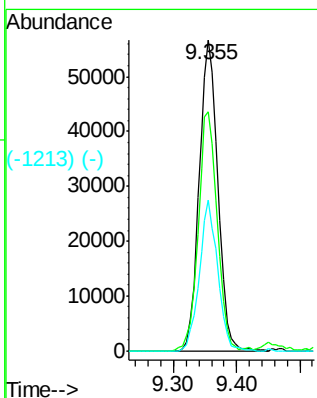
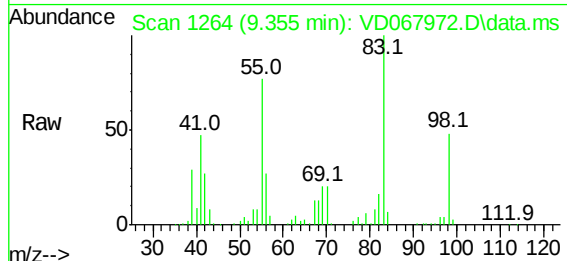
Methylcyclohexane
Concen: 20.25 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 83 Resp: 117020
Ion Ratio Lower Upper
83 100
55 76.7 63.5 95.3
98 48.3 37.3 55.9

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

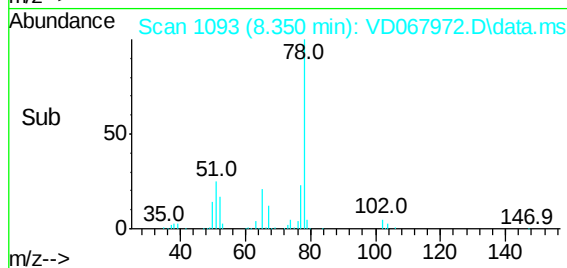
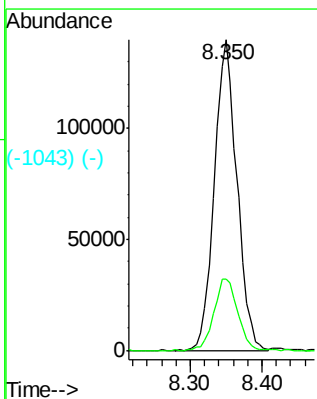
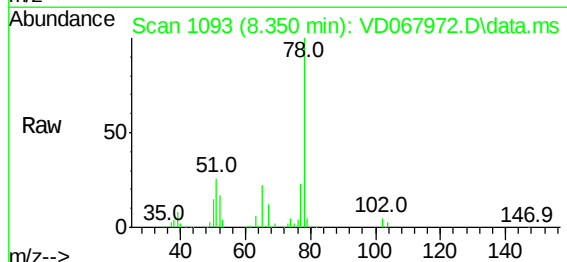
Manual Integrations
APPROVED

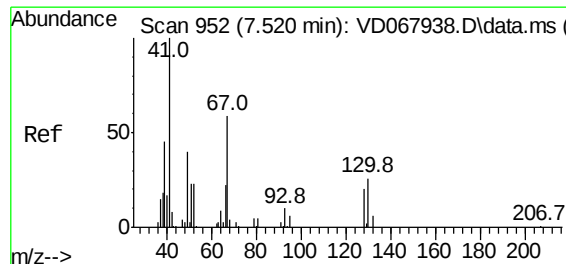
MMDadoda
1/4/2021 10:03:24 AM



Benzene
Concen: 20.96 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 78 Resp: 306462
Ion Ratio Lower Upper
78 100
77 22.9 20.1 30.1





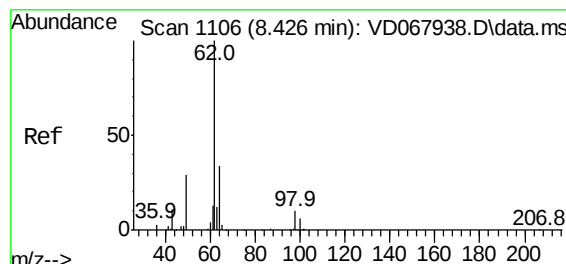
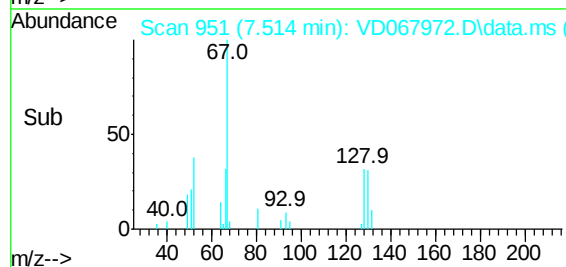
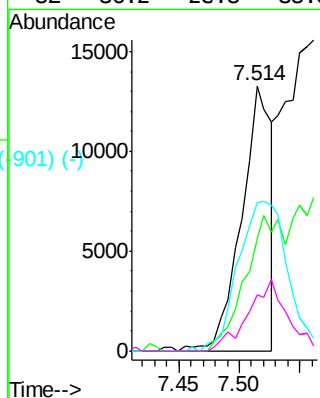
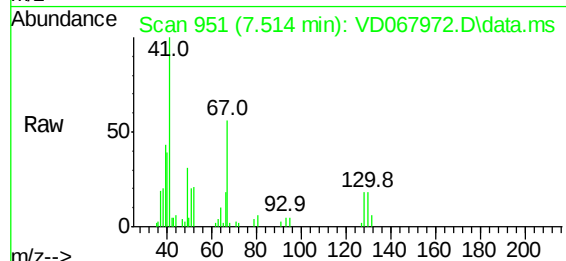
#41 (-)
Methacrylonitrile
Concen: 19.64 ug/l
RT: 7.514 min Scan# 951
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion:	41	Resp:	22545
Ion	Ratio	Lower	Upper
41	100		
39	66.3	46.2	69.2
67	93.7	55.1	82.7#
52	36.2	23.5	35.3#

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

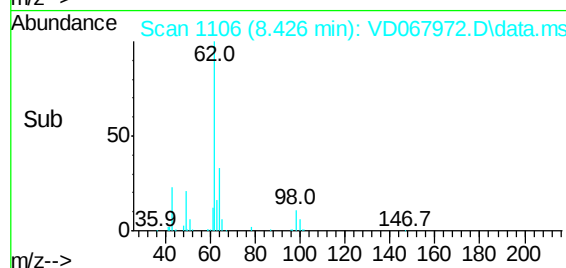
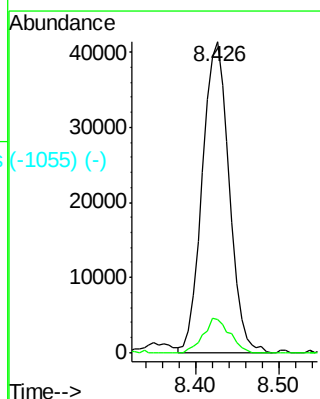
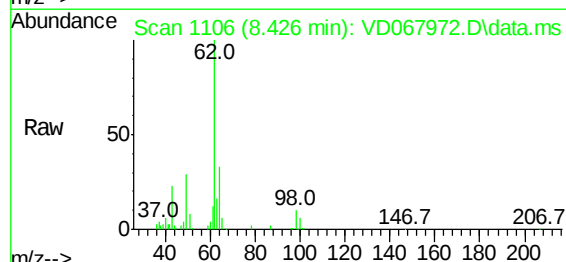
Manual Integrations
APPROVED

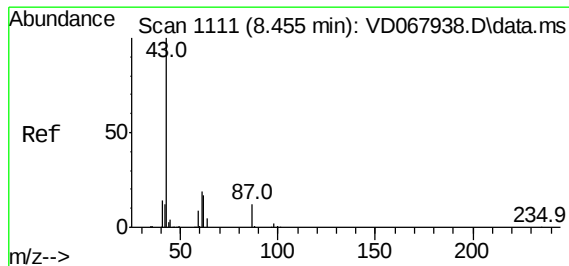
MMDadoda
1/4/2021 10:03:24 AM



#108 (-)
1,2-Dichloroethane
Concen: 23.65 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion:	62	Resp:	93237
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4



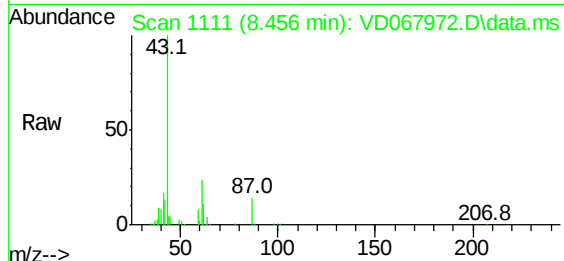


(-1067) (-)
Isopropyl Acetate
Concen: 23.70 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

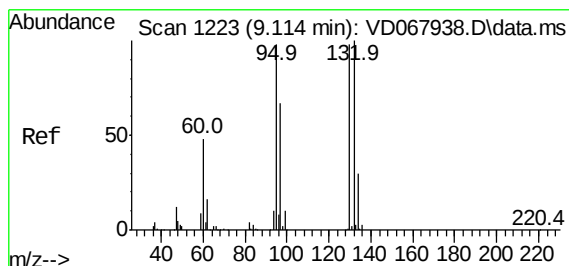
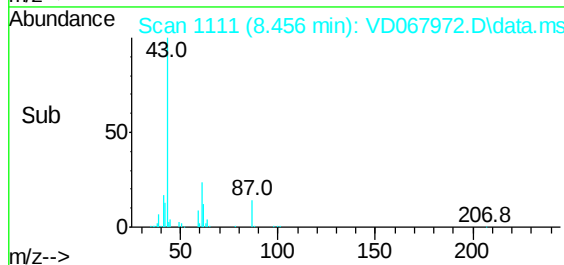
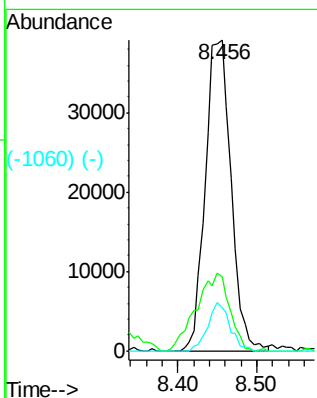
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

MMDadoda
1/4/2021 10:03:24 AM

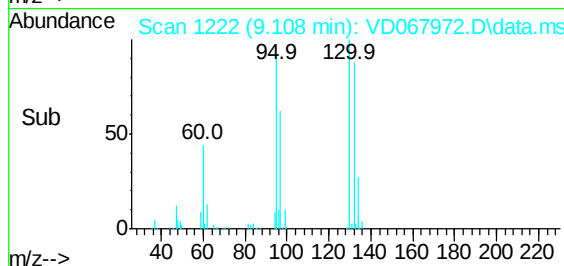
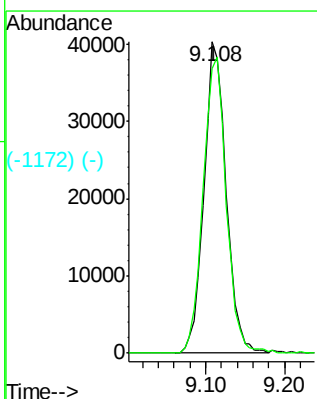
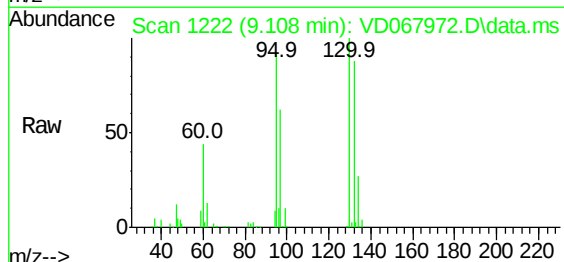


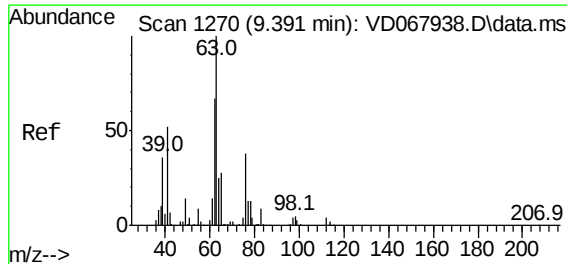
Tgt Ion: 43 Resp: 88692
Ion Ratio Lower Upper
43 100
61 32.2 24.5 36.7
87 13.2 9.8 14.8



(-1114) (-)
Trichloroethene
Concen: 21.20 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion:130 Resp: 77689
Ion Ratio Lower Upper
130 100
95 91.6 0.0 200.8



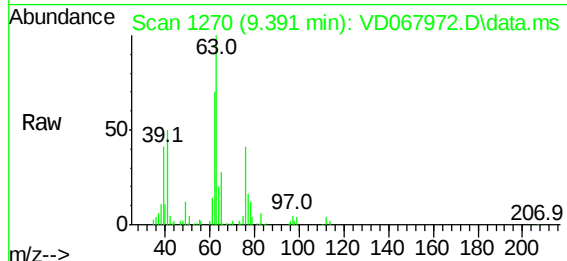


(-1257) (-)
1,2-Dichloropropane
Concen: 21.42 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

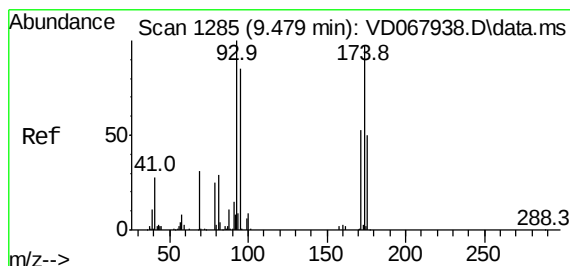
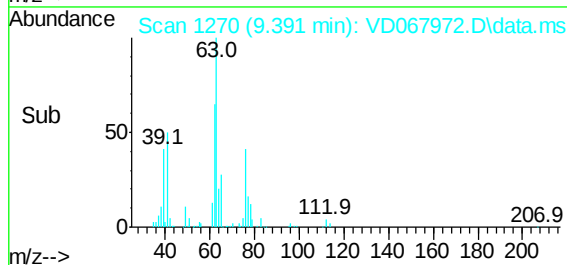
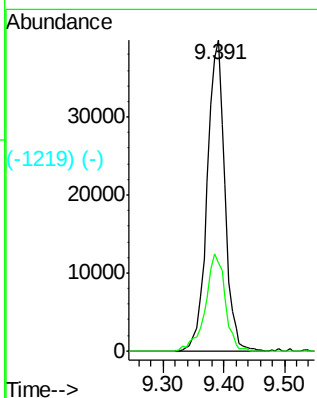
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

MMDadoda
1/4/2021 10:03:24 AM

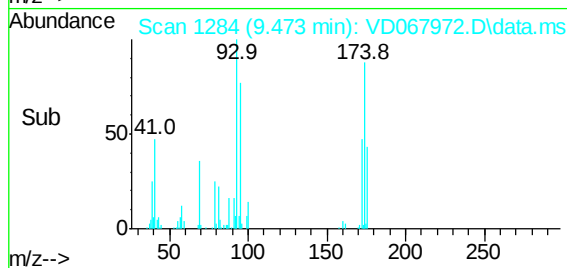
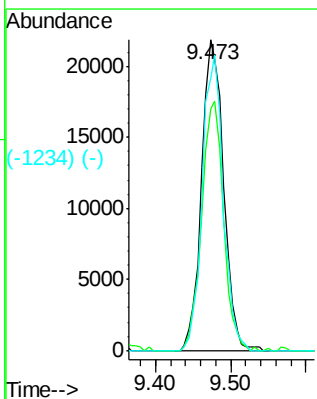
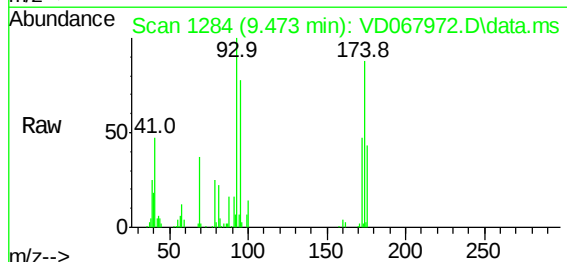


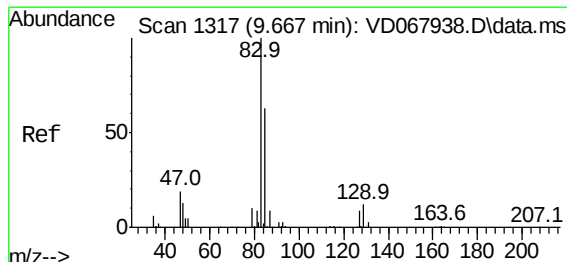
Tgt Ion: 63 Resp: 79738
Ion Ratio Lower Upper
63 100
65 28.5 22.7 34.1



(-1256) (-)
Dibromomethane
Concen: 24.59 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 93 Resp: 44491
Ion Ratio Lower Upper
93 100
95 79.6 68.0 102.0
174 89.9 74.7 112.1





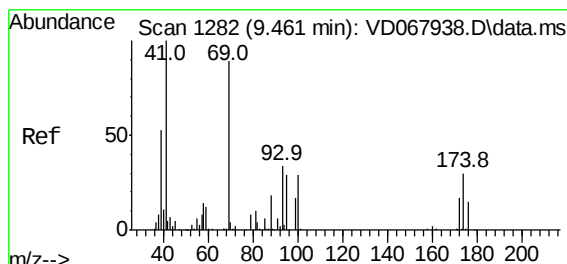
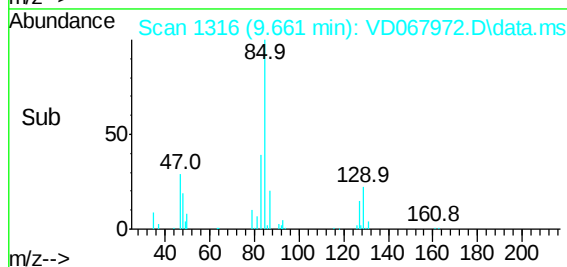
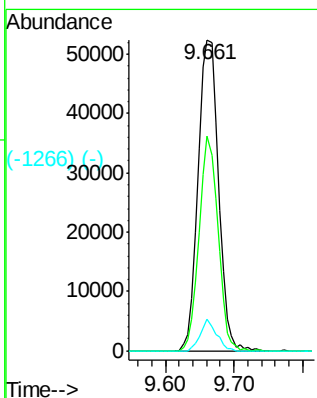
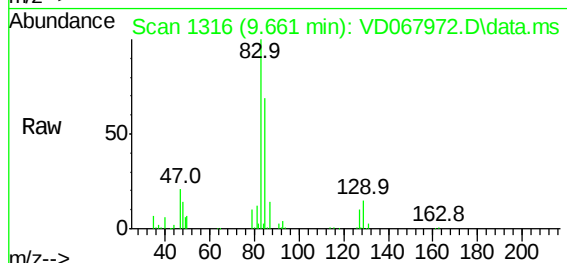
(-1478) (-)
Bromodichloromethane
Concen: 22.09 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 83 Resp: 107818
Ion Ratio Lower Upper
83 100
85 69.0 50.5 75.7
127 10.1 7.2 10.8

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

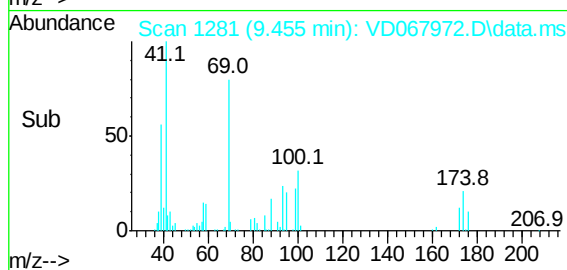
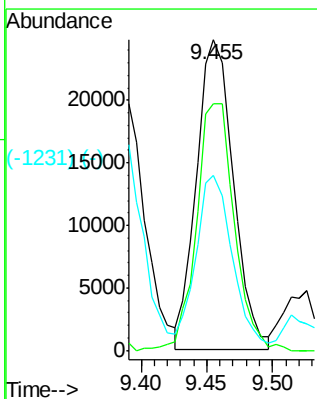
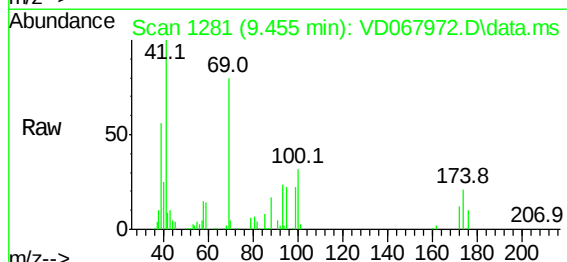
Manual Integrations
APPROVED

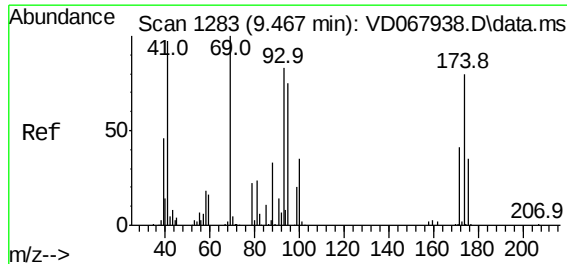
MMDadoda
1/4/2021 10:03:24 AM



(-1478) (-)
Methyl methacrylate
Concen: 24.42 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

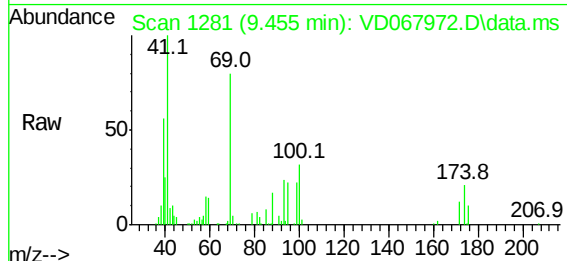
Tgt Ion: 41 Resp: 47236
Ion Ratio Lower Upper
41 100
69 81.8 63.9 95.9
39 56.4 37.4 56.0#





#1294 (-)
1,4-Dioxane
Concen: 489.12 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.012 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

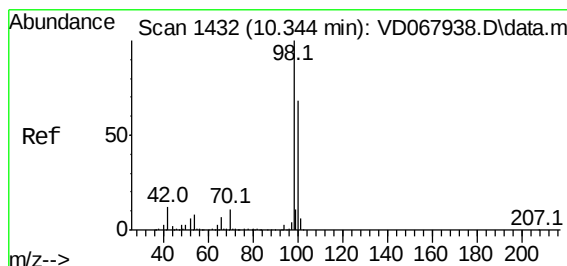
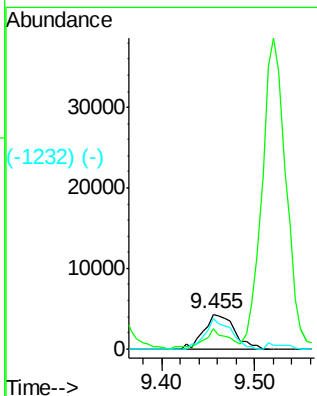
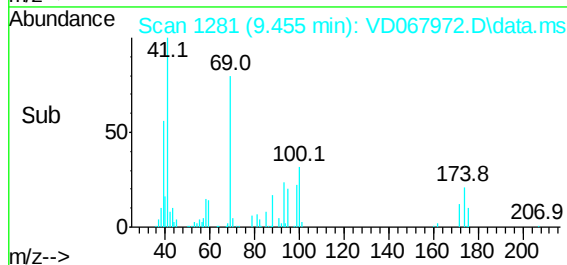
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01



Tgt Ion: 88 Resp: 9662
Ion Ratio Lower Upper
88 100
43 46.9 27.3 40.9#
58 74.8 54.8 82.2

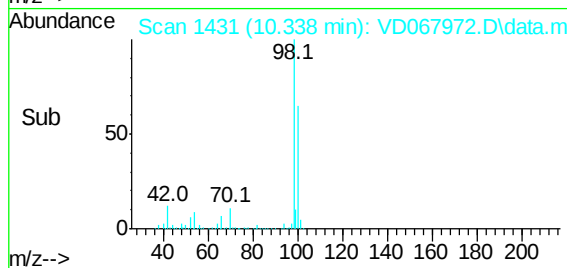
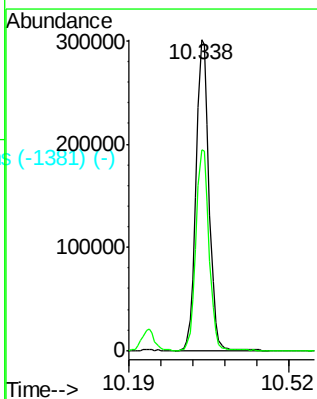
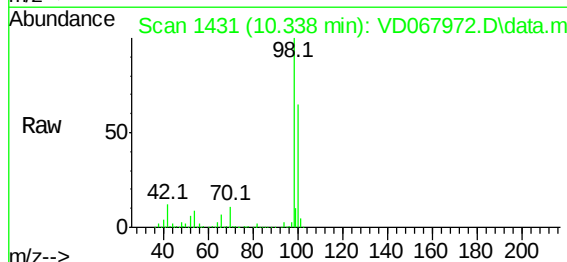
Manual Integrations
APPROVED

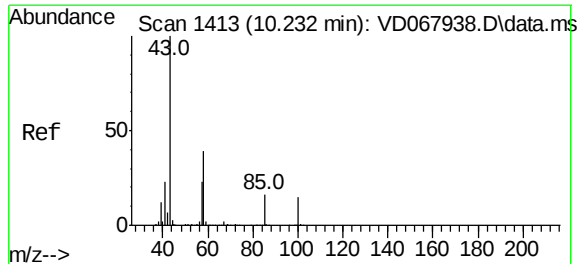
MMDadoda
1/4/2021 10:03:24 AM



#5022 (-)
Toluene-d8
Concen: 49.08 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 98 Resp: 551203
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7



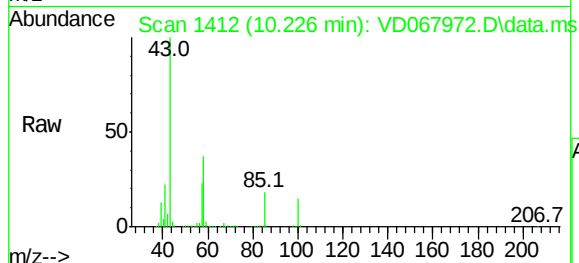


#51402 (-)
4-Methyl-2-Pentanone
Concen: 125.33 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

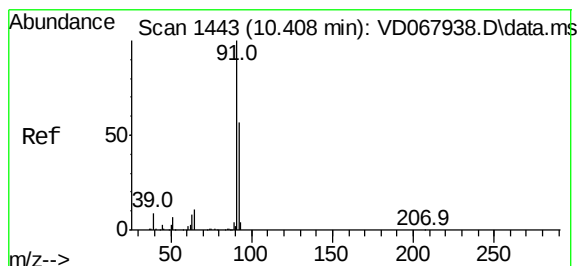
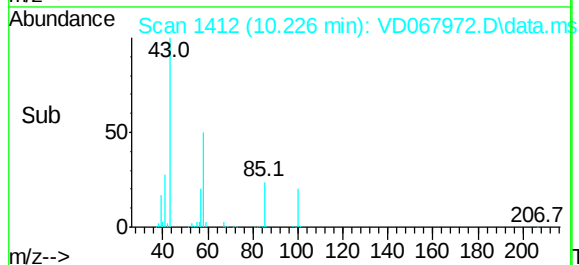
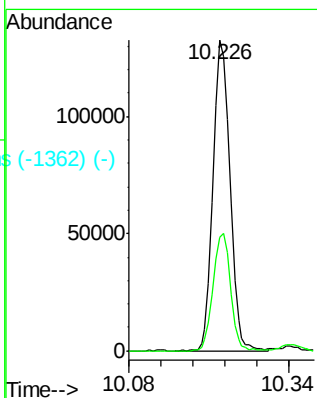
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

MMDadoda
1/4/2021 10:03:24 AM

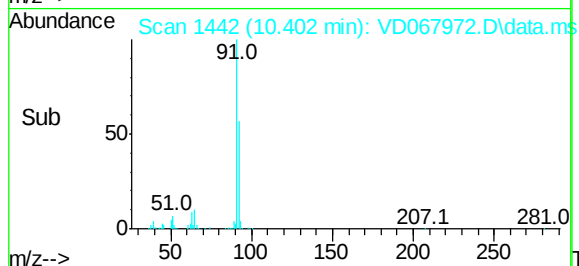
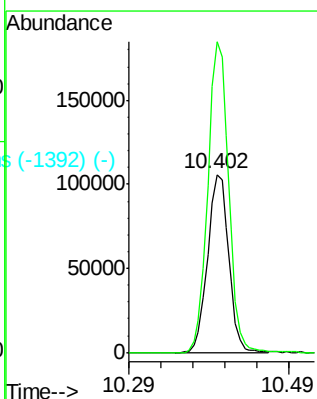
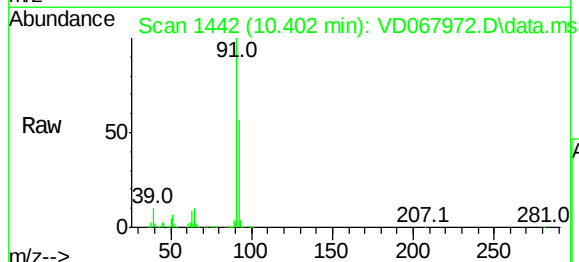


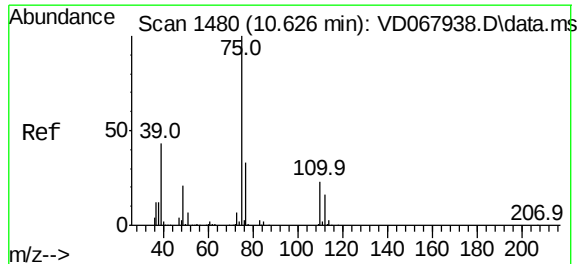
Tgt Ion: 43 Resp: 242919
Ion Ratio Lower Upper
43 100
58 38.7 30.0 45.0



#51433 (-)
Toluene
Concen: 21.67 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 92 Resp: 195559
Ion Ratio Lower Upper
92 100
91 172.6 138.5 207.7



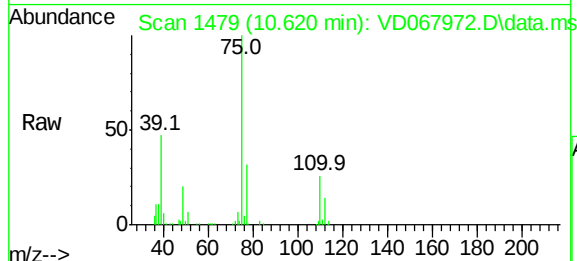


#5470 (-)
t-1,3-Dichloropropene
Concen: 22.75 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

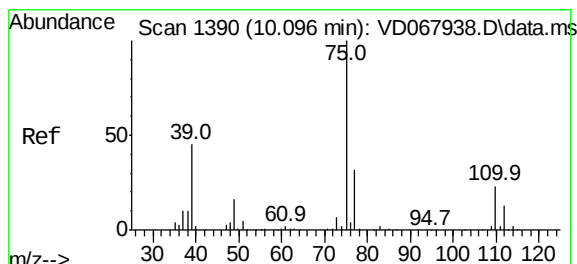
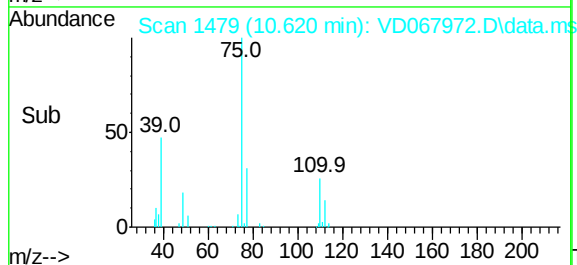
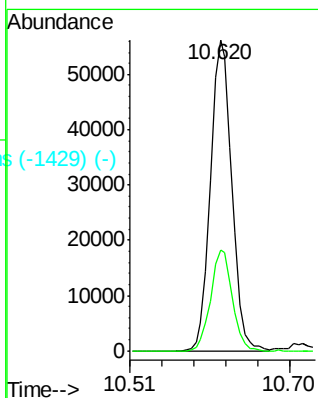
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

MMDadoda
1/4/2021 10:03:24 AM

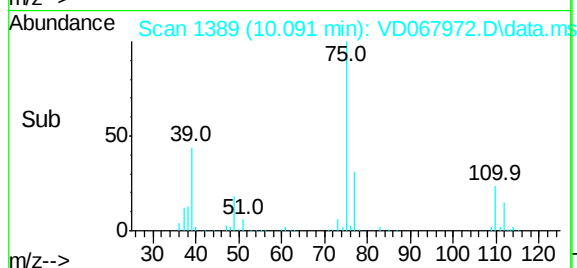
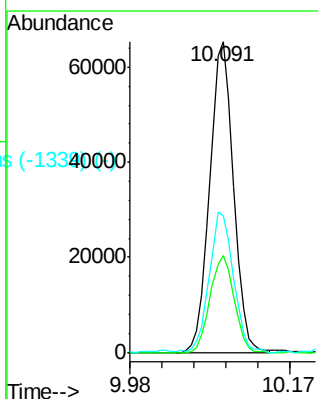
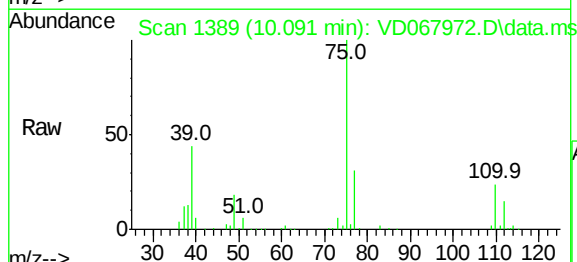


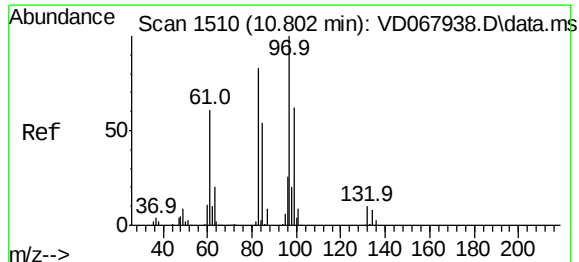
Tgt Ion: 75 Resp: 100410
Ion Ratio Lower Upper
75 100
77 32.3 26.8 40.2



#5479 (-)
cis-1,3-Dichloropropene
Concen: 21.79 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 75 Resp: 119029
Ion Ratio Lower Upper
75 100
77 31.1 25.3 37.9
39 44.0 35.7 53.5



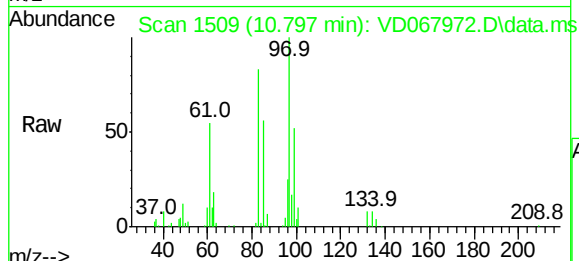


1,1,2-Trichloroethane
Concen: 23.73 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

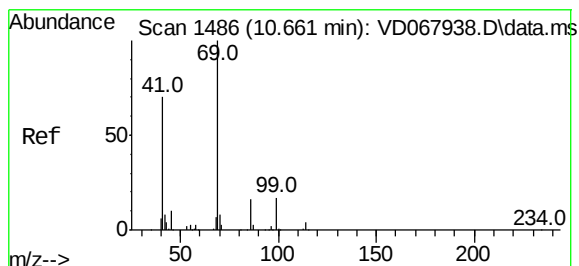
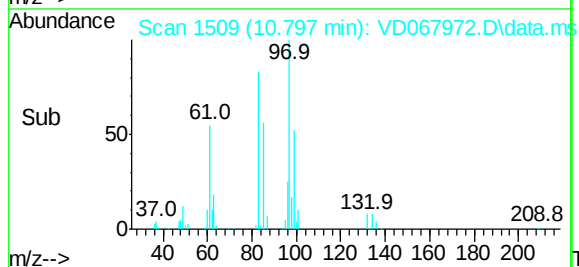
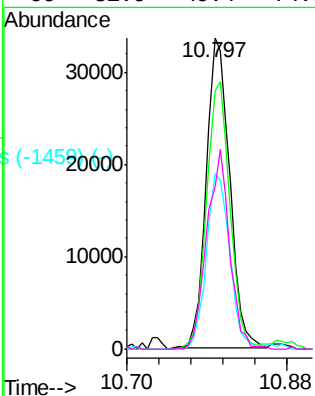
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

MMDadoda
1/4/2021 10:03:24 AM

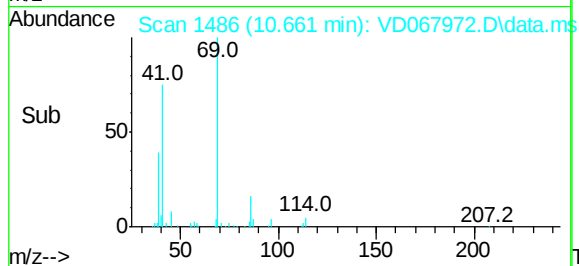
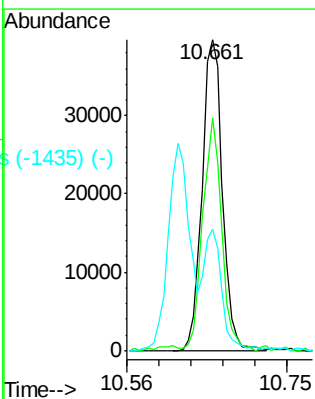
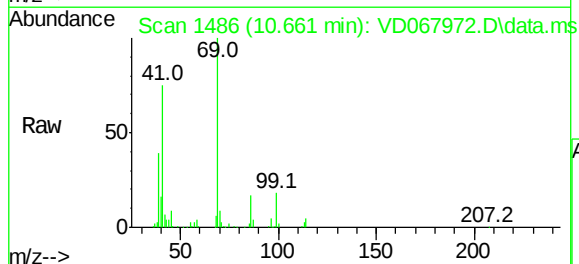


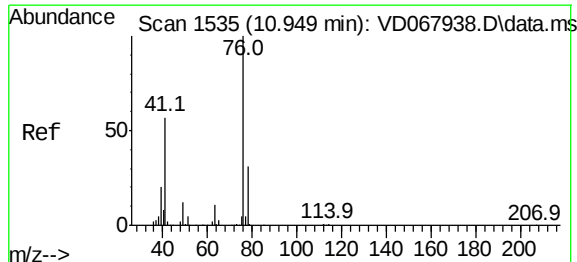
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.4	99.6
85	56.5	43.4	65.0
99	52.6	49.4	74.0



Ethyl methacrylate
Concen: 23.70 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.4	84.6
39	33.3	24.6	36.8



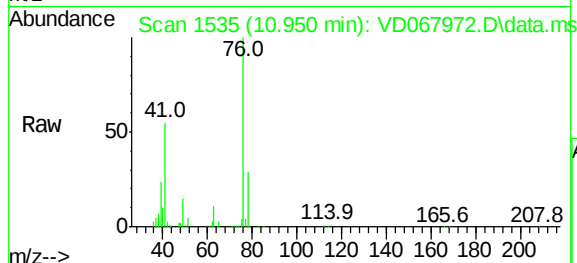


1,3-Dichloropropane
Concen: 23.78 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

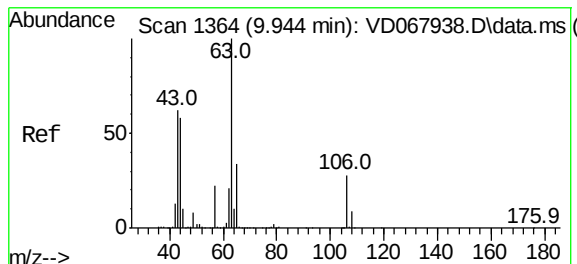
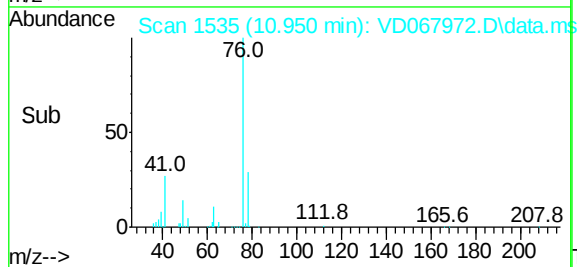
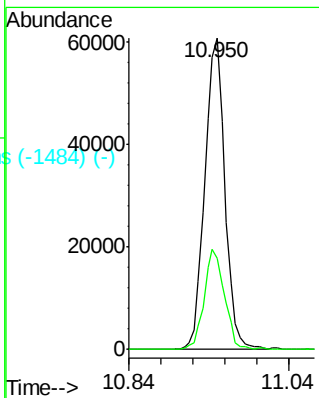
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

MMDadoda
1/4/2021 10:03:24 AM

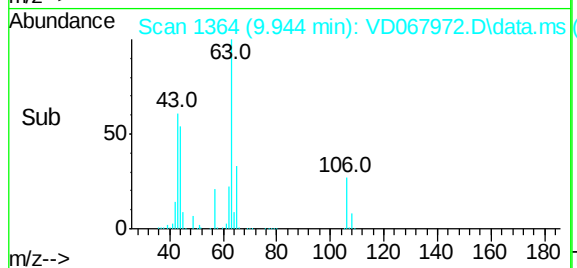
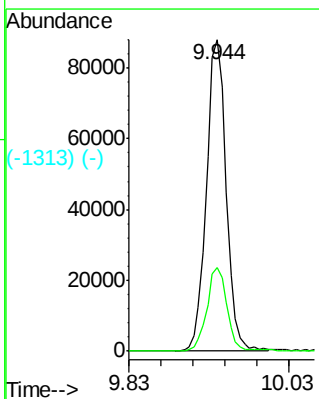
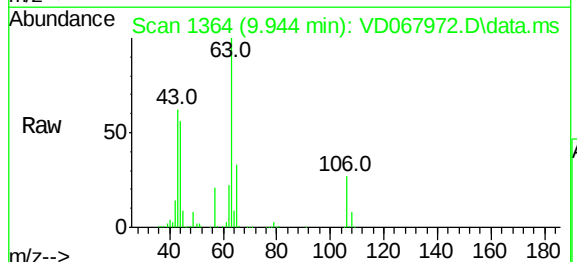


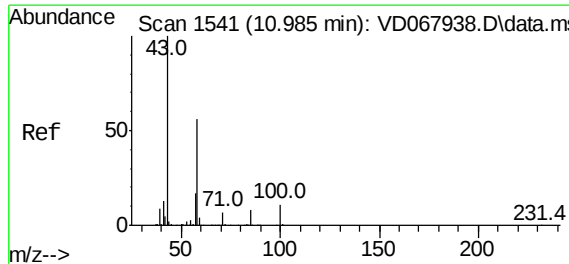
Tgt Ion: 76 Resp: 105715
Ion Ratio Lower Upper
76 100
78 32.1 25.2 37.8



2-Chloroethyl Vinyl ether
Concen: 106.21 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 63 Resp: 151837
Ion Ratio Lower Upper
63 100
106 26.5 21.6 32.4



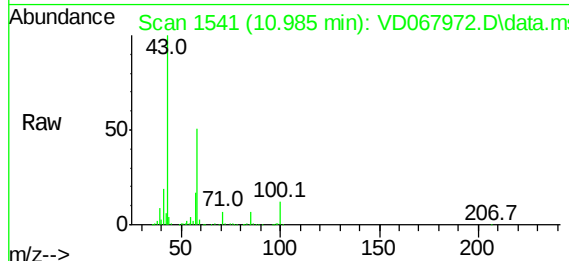


#5931 (-)
2-Hexanone
Concen: 132.67 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

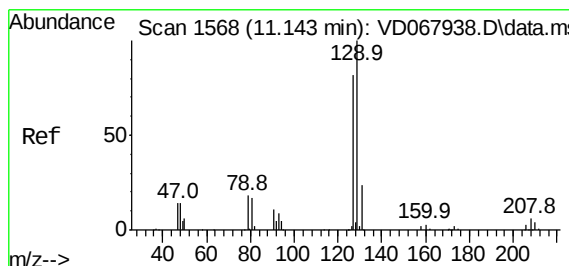
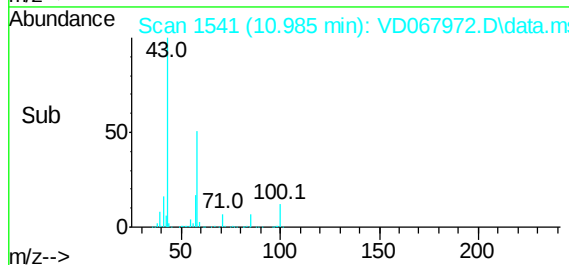
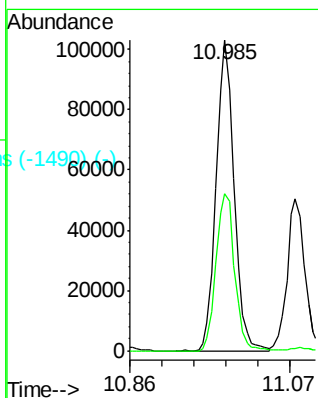
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

MMDadoda
1/4/2021 10:03:24 AM

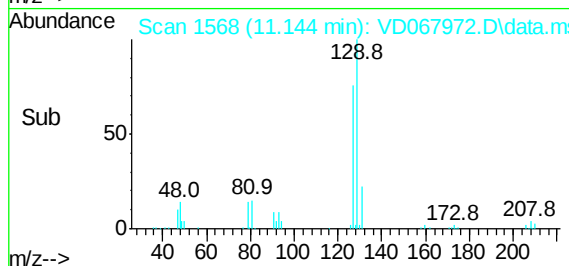
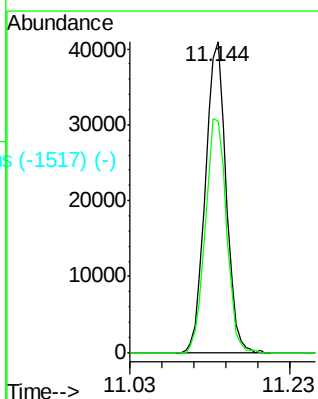
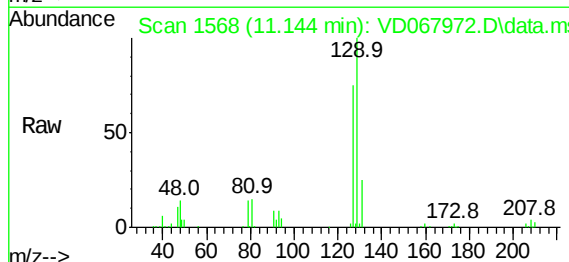


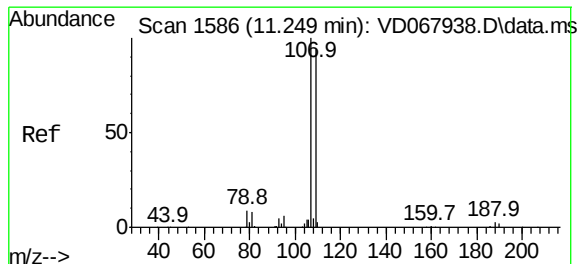
Tgt Ion: 43 Resp: 168988
Ion Ratio Lower Upper
43 100
58 52.5 27.5 82.4



#6059 (-)
Dibromochloromethane
Concen: 23.59 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 129 Resp: 73900
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4



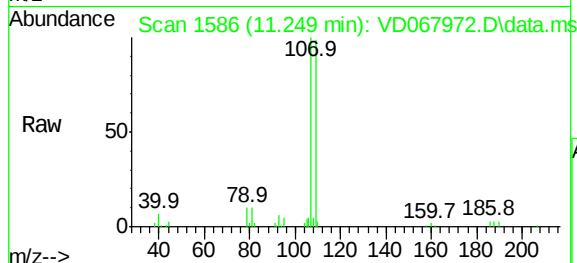


#6178 (-)
1,2-Dibromoethane
Concen: 23.33 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

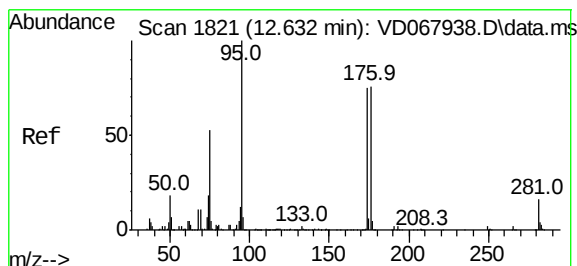
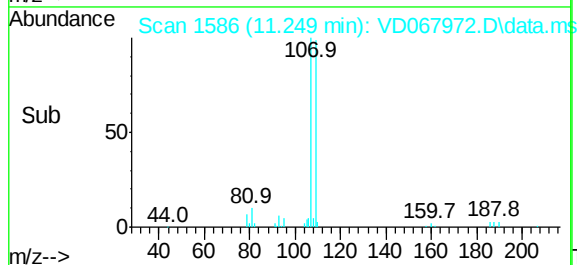
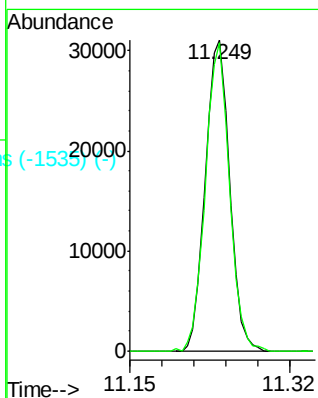
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

MMDadoda
1/4/2021 10:03:24 AM

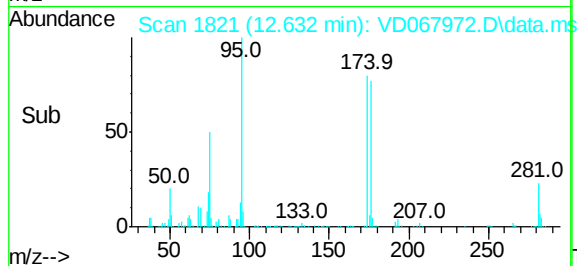
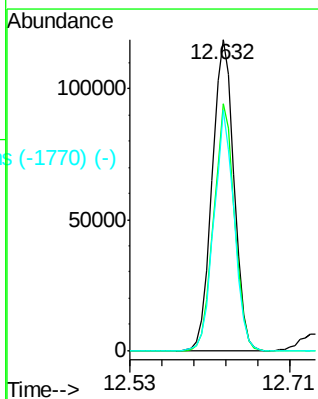
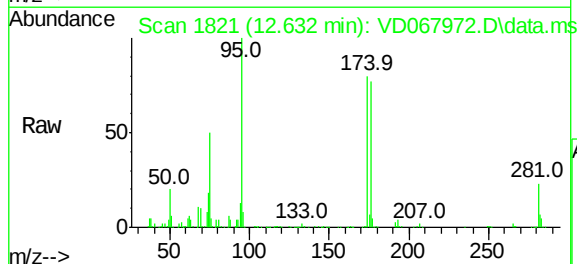


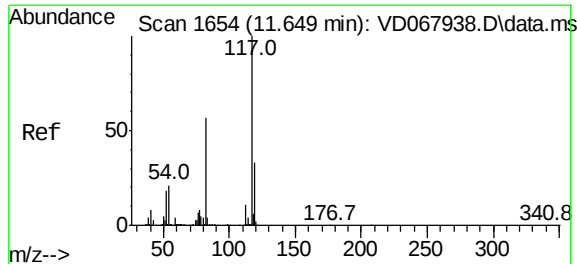
Tgt Ion:107 Resp: 56582
Ion Ratio Lower Upper
107 100
109 98.2 75.4 113.2



#6213 (-)
4-Bromofluorobenzene
Concen: 51.62 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 95 Resp: 198291
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.6
176 71.9 0.0 151.2



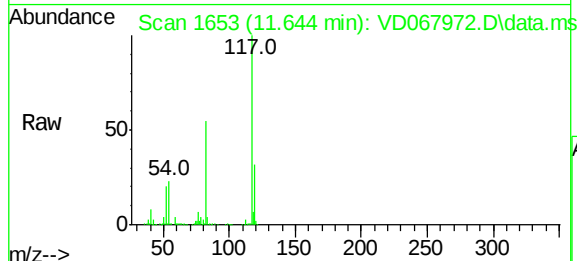


#6344 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

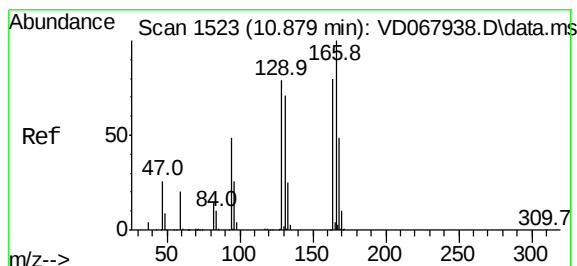
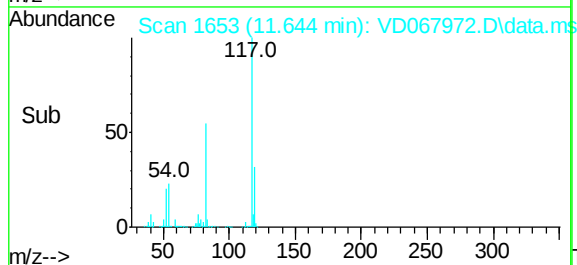
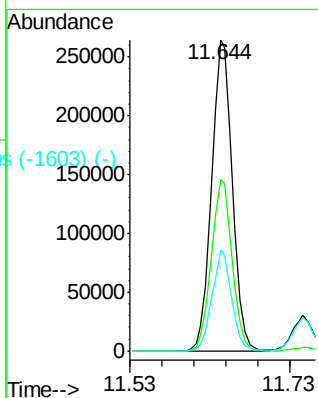
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

MMDadoda
1/4/2021 10:03:24 AM

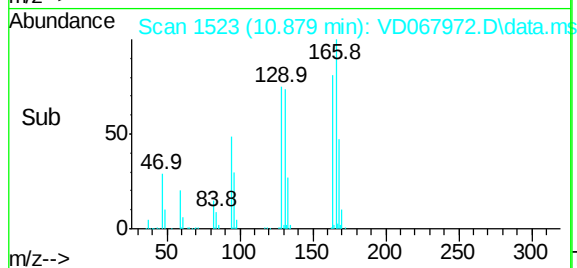
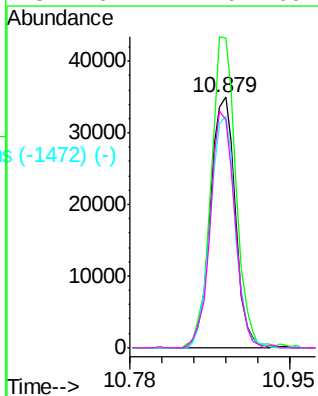
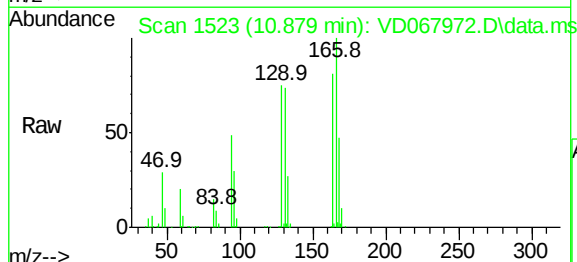


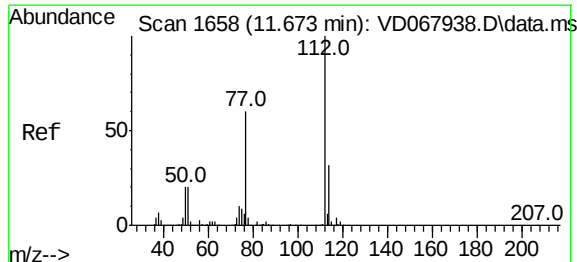
Tgt Ion:117 Resp: 458987
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 32.5 26.7 40.1



#6414 (-)
Tetrachloroethene
Concen: 20.24 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion:164 Resp: 65176
Ion Ratio Lower Upper
164 100
166 123.4 99.4 149.2
129 92.5 79.0 118.4
131 91.1 71.0 106.4



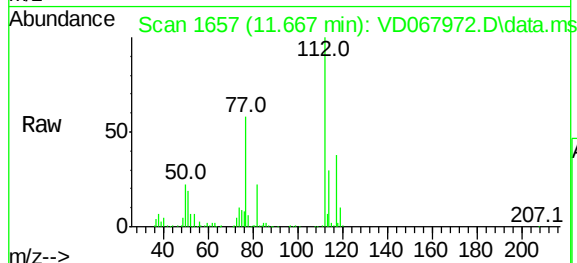


#6549 (-)
Chlorobenzene
Concen: 20.66 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

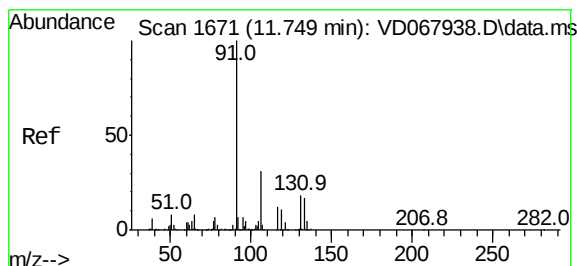
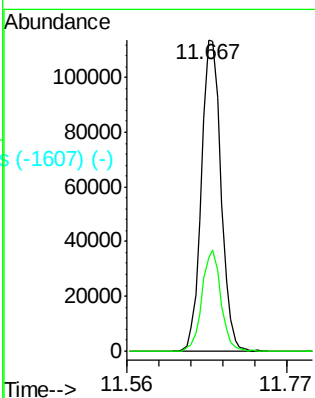
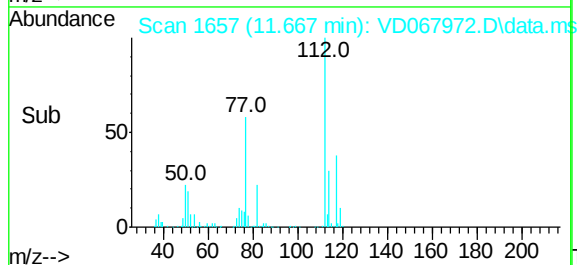
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

MMDadoda
1/4/2021 10:03:24 AM

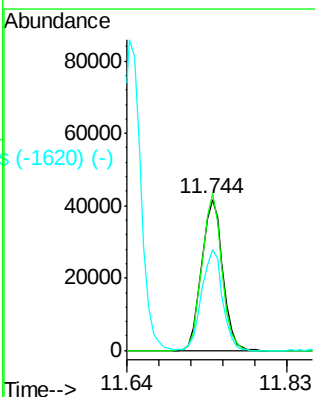
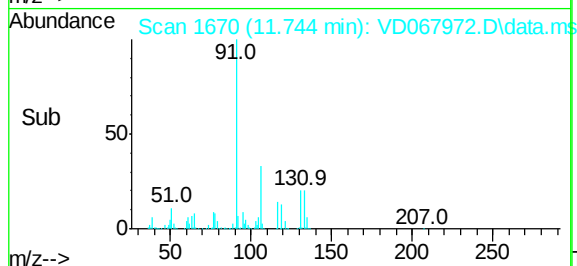
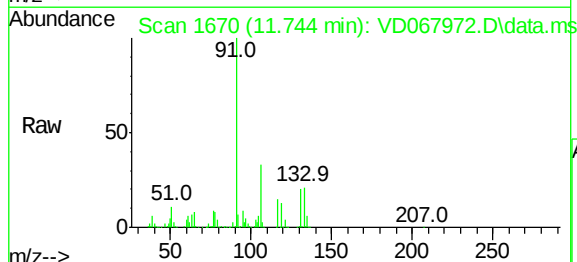


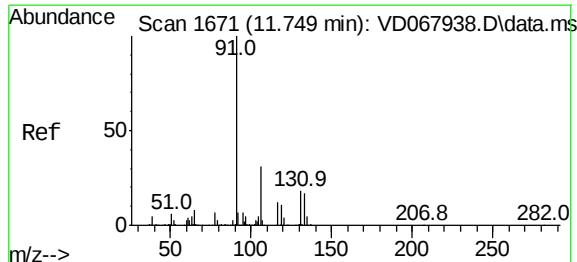
Tgt Ion:112 Resp: 204580
Ion Ratio Lower Upper
112 100
114 30.0 25.3 37.9



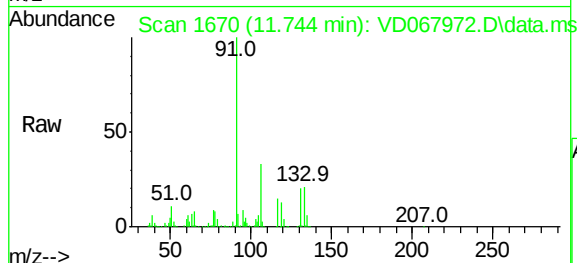
#662 (-)
1,1,1,2-Tetrachloroethane
Concen: 20.70 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion:131 Resp: 73159
Ion Ratio Lower Upper
131 100
133 97.8 48.4 145.0
119 66.0 33.4 100.2

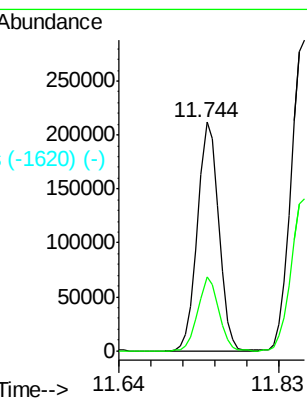
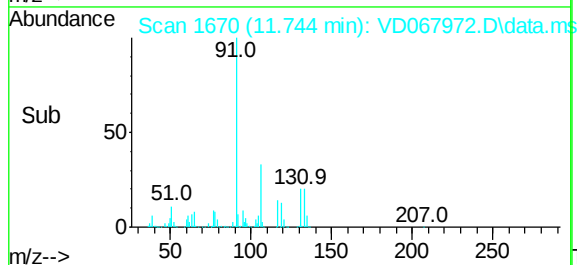




#661 (-)
Ethyl Benzene
Concen: 19.54 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09



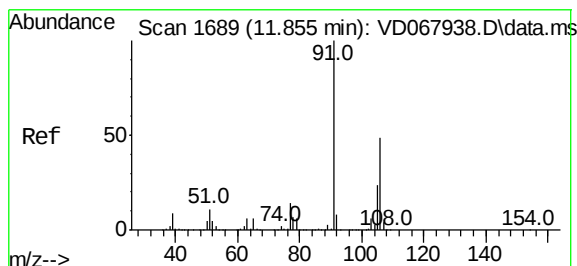
Tgt Ion: 91 Resp: 344980
Ion Ratio Lower Upper
91 100
106 32.5 24.6 37.0



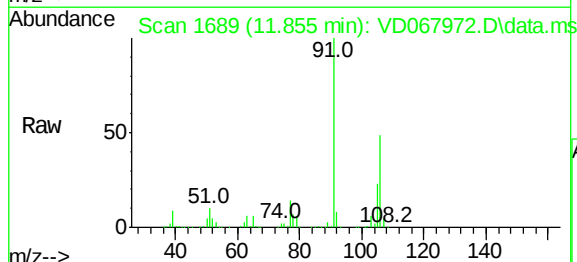
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

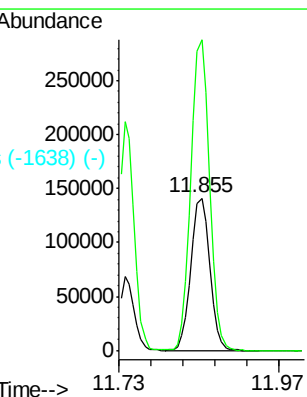
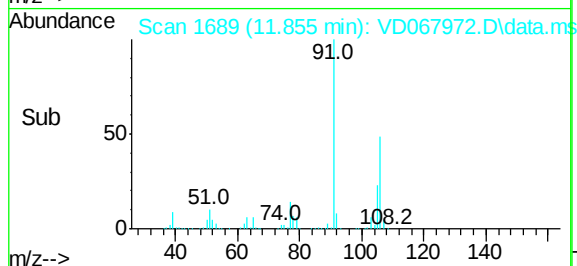
MMDadoda
1/4/2021 10:03:24 AM

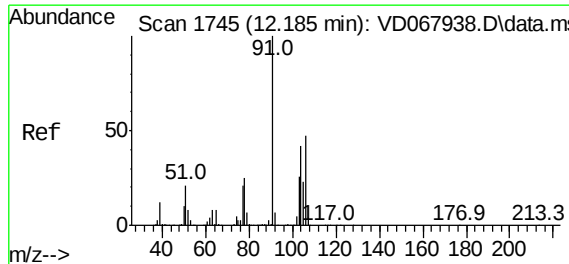


#660 (-)
m/p-Xylenes
Concen: 39.96 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09



Tgt Ion:106 Resp: 268881
Ion Ratio Lower Upper
106 100
91 201.6 159.9 239.9



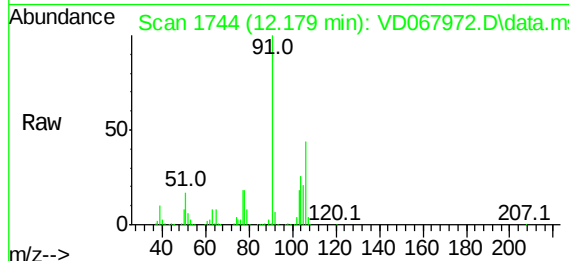


#6937 (-)
o-Xylene
Concen: 19.10 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

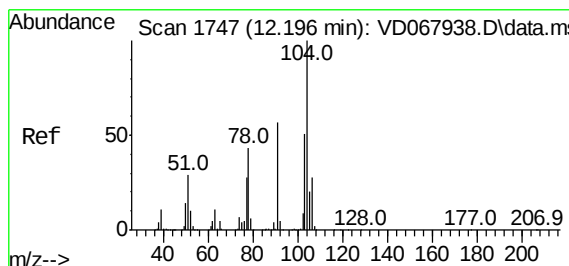
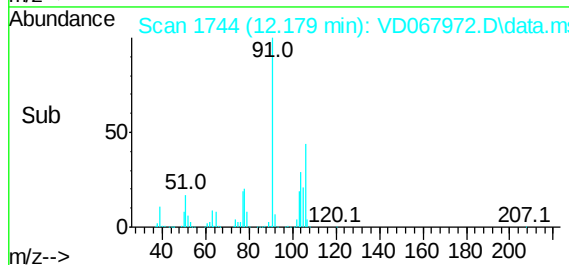
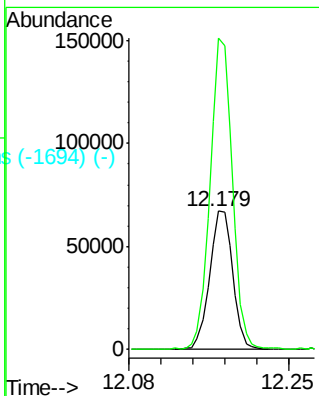
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

MMDadoda
1/4/2021 10:03:24 AM

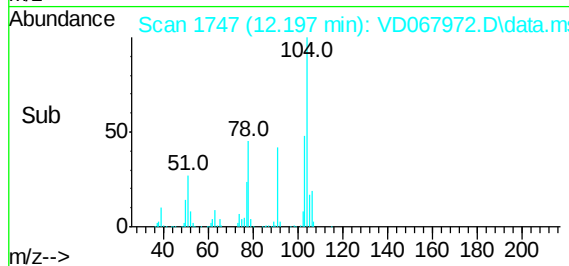
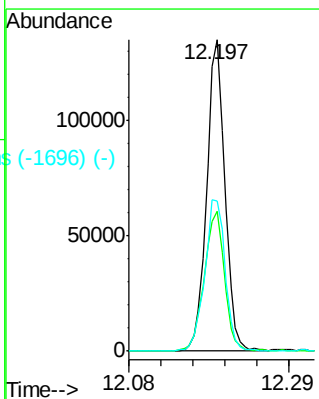
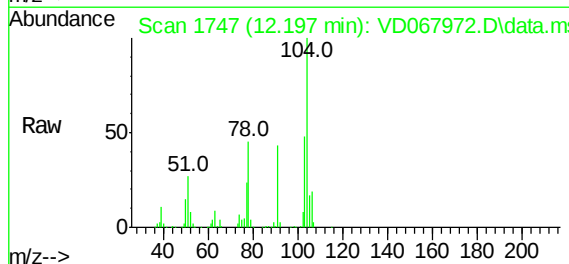


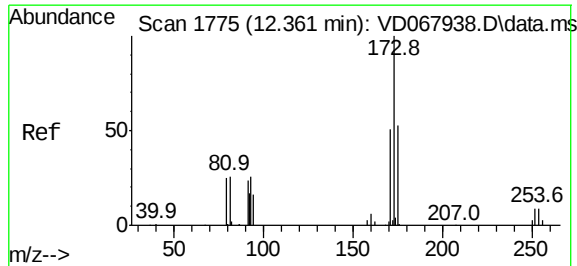
Tgt Ion:106 Resp: 115012
Ion Ratio Lower Upper
106 100
91 219.0 106.0 317.9



#1736 (-)
Styrene
Concen: 20.53 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

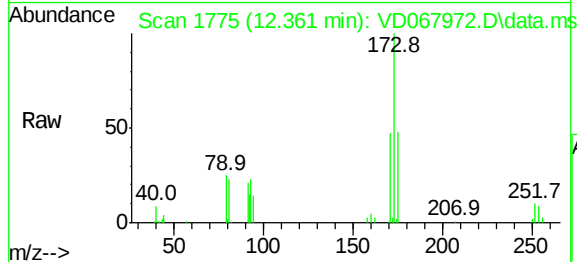
Tgt Ion:104 Resp: 213645
Ion Ratio Lower Upper
104 100
78 49.5 38.6 58.0
103 54.3 44.2 66.4





#1767 (-)
Bromoform
Concen: 23.34 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

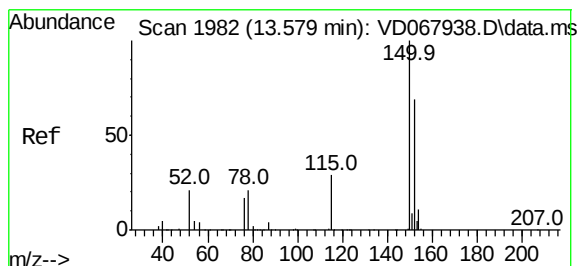
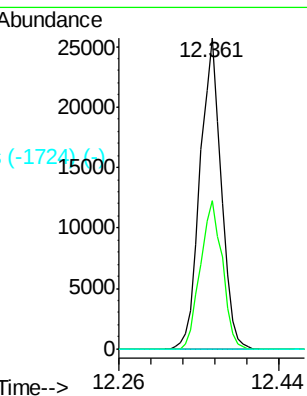
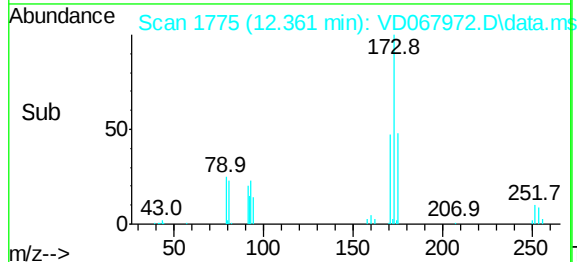
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01



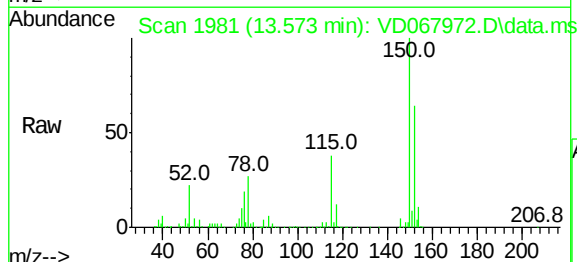
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.6	73.8
254	0.0	0.0	0.0

Manual Integrations
APPROVED

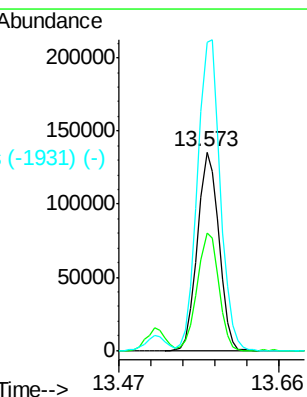
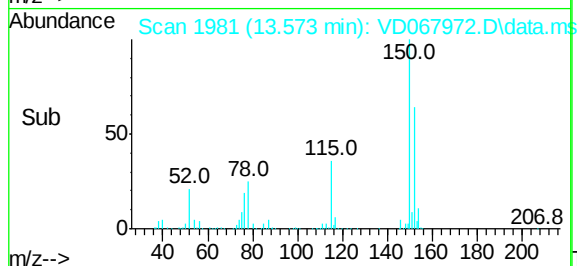
MMDadoda
1/4/2021 10:03:24 AM

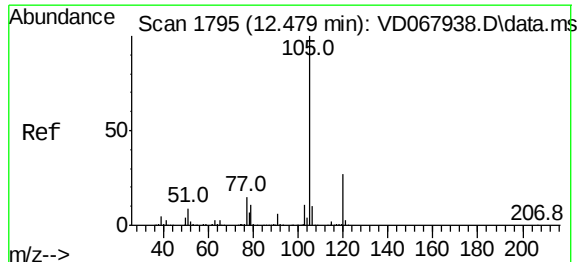


#1773 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09



Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.3	88.0
150	166.8	0.0	340.0



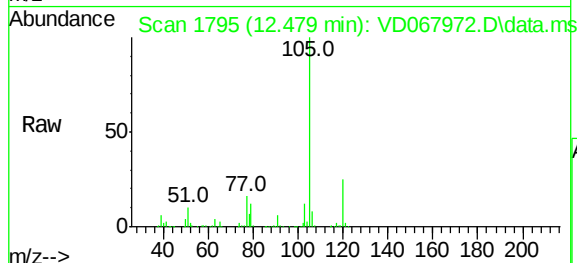


#1786 (-)
Isopropylbenzene
Concen: 19.80 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

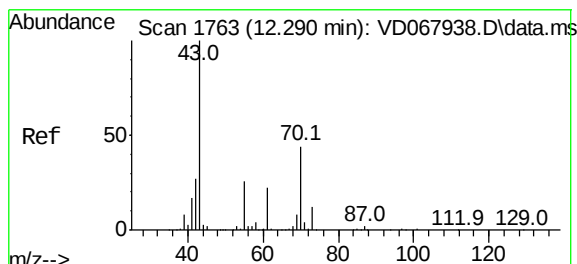
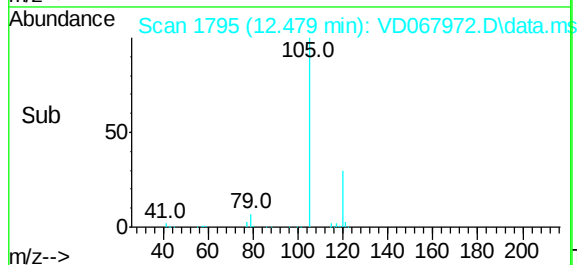
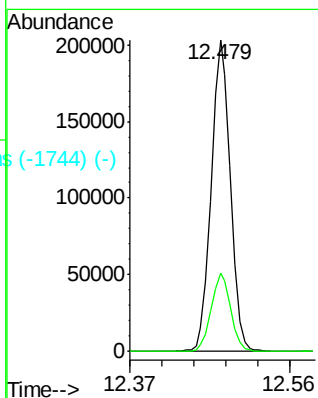
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

MMDadoda
1/4/2021 10:03:24 AM

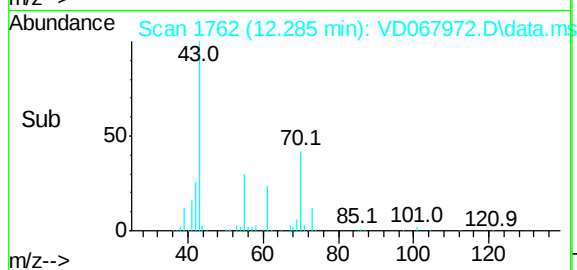
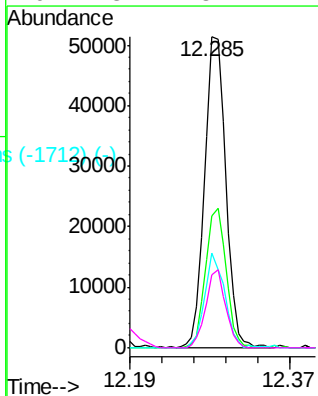
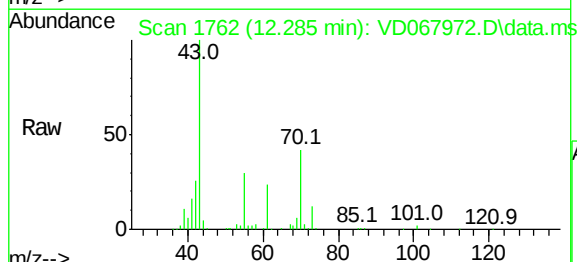


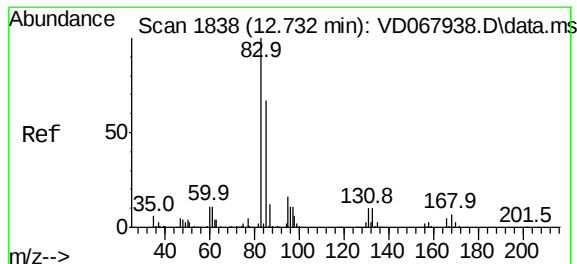
Tgt Ion:105 Resp: 324971
Ion Ratio Lower Upper
105 100
120 25.1 13.4 40.1



#1753 (-)
N-ethyl acetate
Concen: 22.20 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 43 Resp: 82702
Ion Ratio Lower Upper
43 100
70 43.1 34.3 51.5
55 28.5 21.2 31.8
61 23.4 18.4 27.6



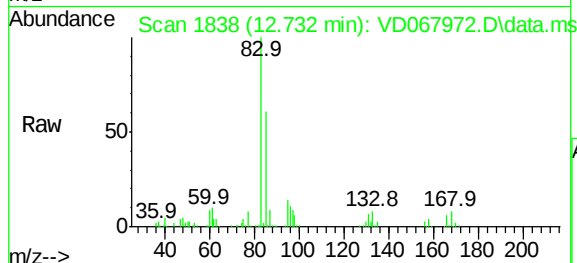


#1530 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 24.15 ug/l
 RT: 12.732 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

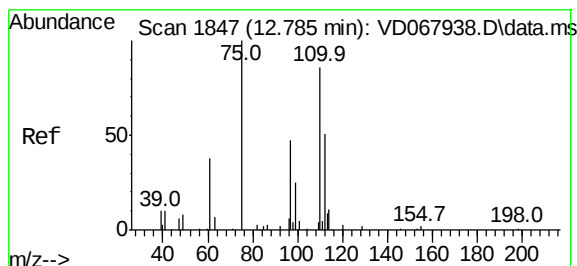
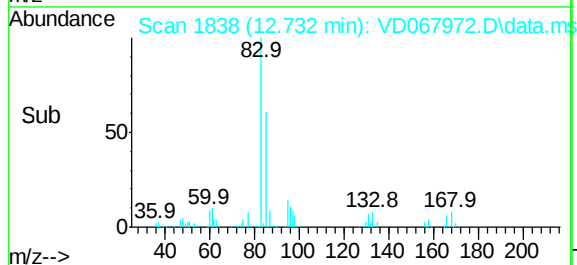
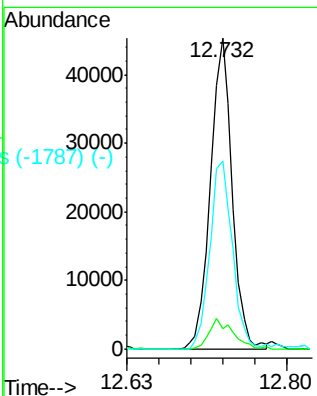
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1230SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/4/2021 10:03:24 AM

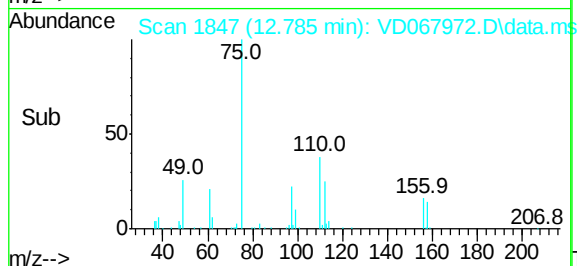
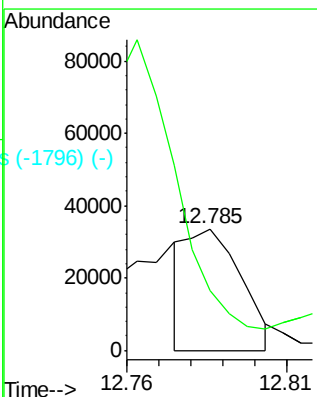
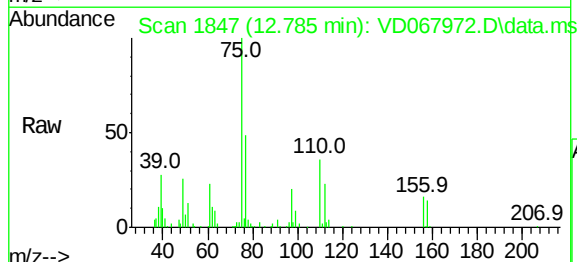


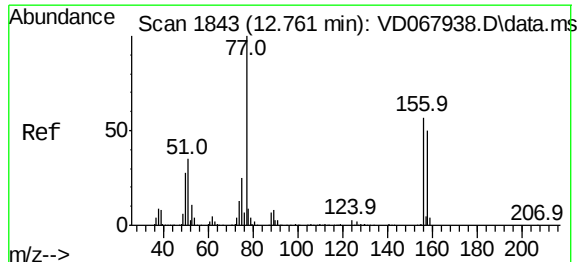
Tgt Ion:	83	Resp:	73534
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.0	14.9
85	62.8	32.1	96.3



#1645 (-)
 1,2,3-Trichloropropane
 Concen: 22.05 ug/l m
 RT: 12.785 min Scan# 1847
 Delta R.T. 0.000 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

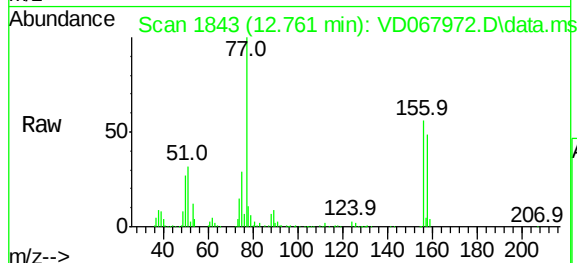
Tgt Ion:	75	Resp:	41056
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#1834 (-)
Bromobenzene
Concen: 21.21 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

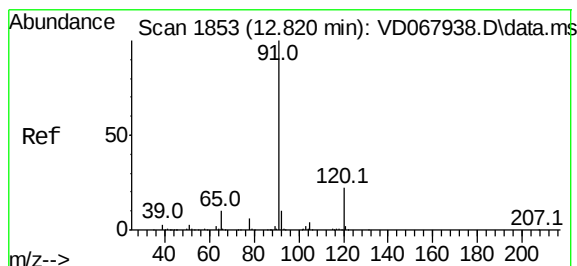
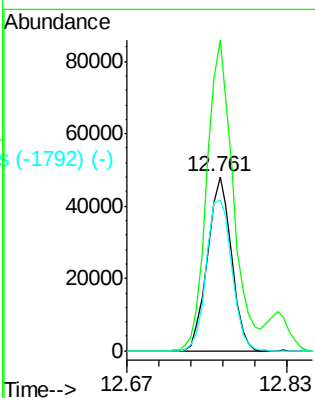
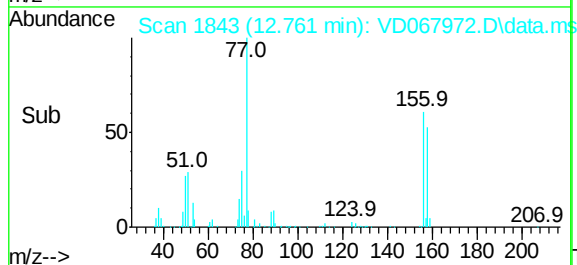
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01



Tgt Ion:156 Resp: 79597
Ion Ratio Lower Upper
156 100
77 197.9 95.9 287.6
158 93.3 46.8 140.3

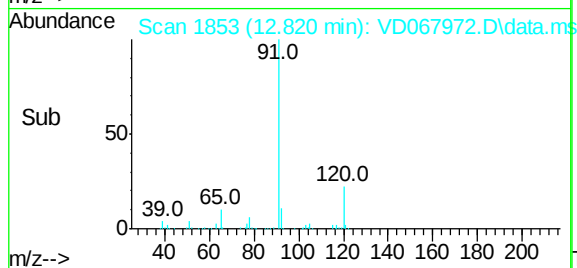
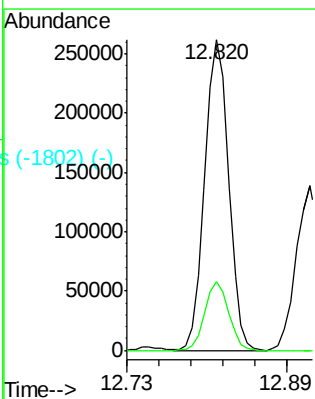
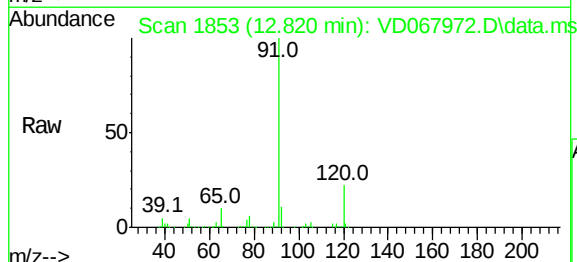
Manual Integrations
APPROVED

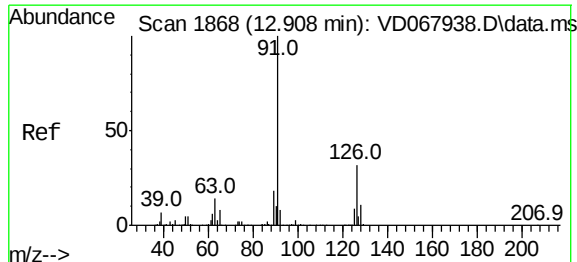
MMDadoda
1/4/2021 10:03:24 AM



#1847 (-)
n-propylbenzene
Concen: 20.14 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 91 Resp: 411014
Ion Ratio Lower Upper
91 100
120 22.0 11.2 33.5



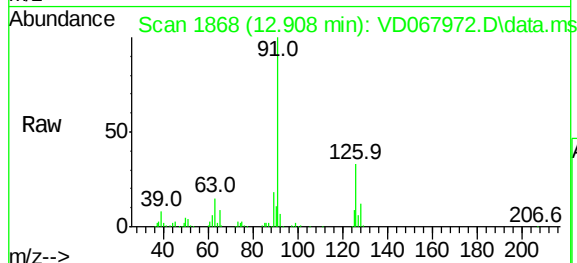


#1861 (-)
 2-Chlorotoluene
 Concen: 19.88 ug/l
 RT: 12.908 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

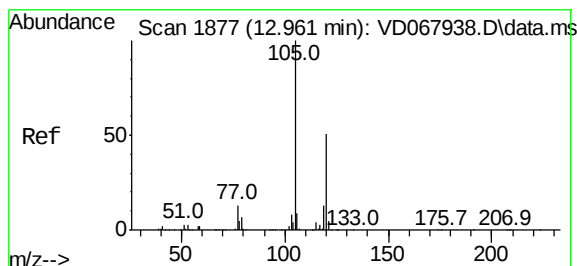
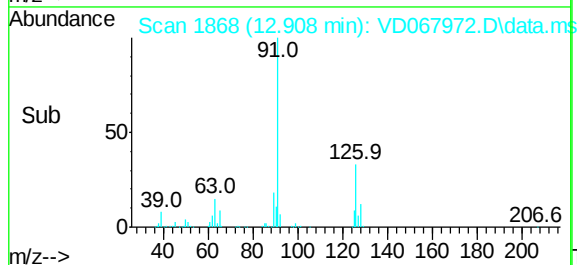
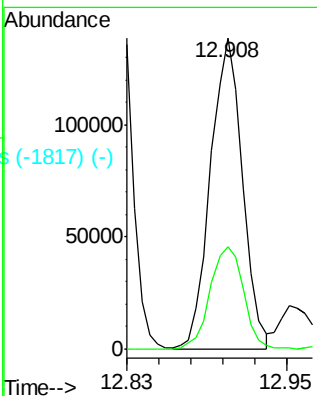
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1230SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/4/2021 10:03:24 AM

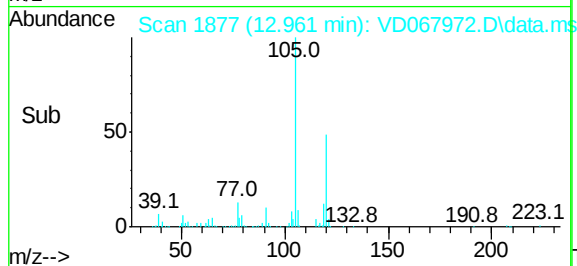
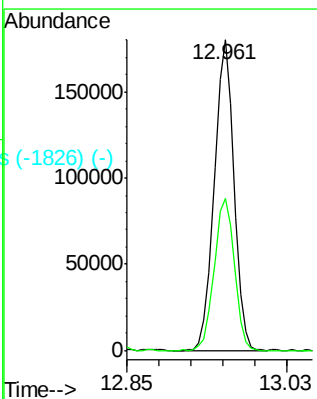
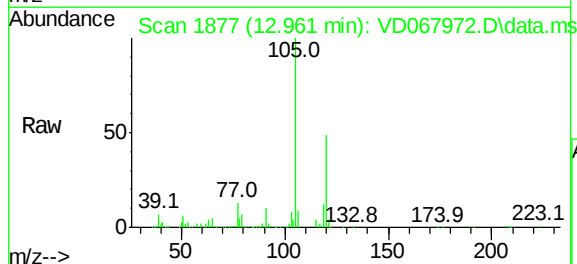


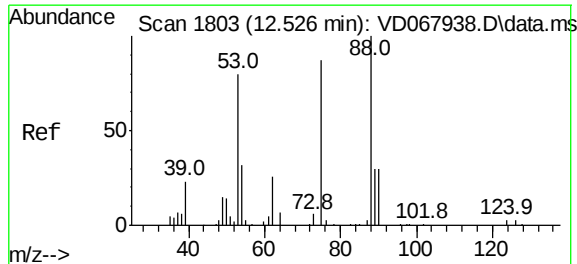
Tgt Ion: 91 Resp: 229218
 Ion Ratio Lower Upper
 91 100
 126 34.1 16.8 50.3



#1868 (-)
 1,3,5-Trimethylbenzene
 Concen: 20.15 ug/l
 RT: 12.961 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

Tgt Ion: 105 Resp: 274679
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.9 74.6





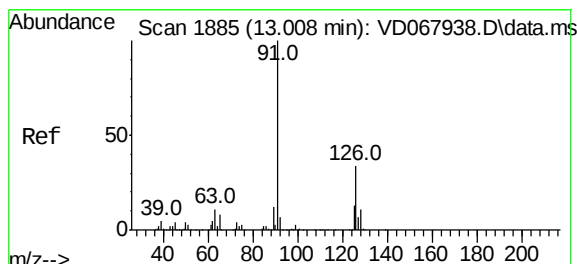
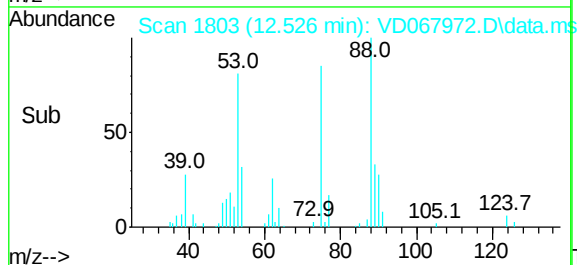
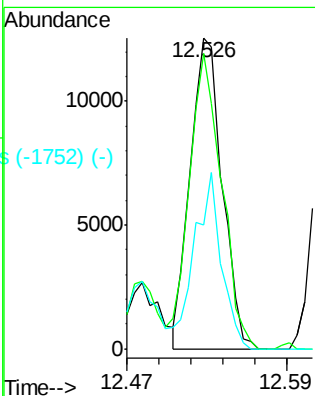
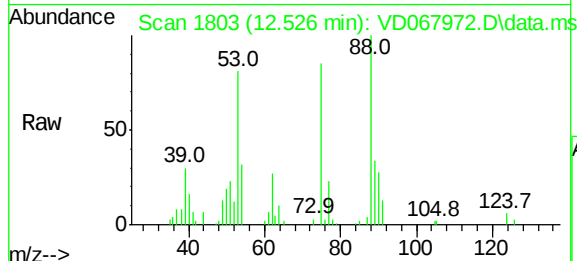
#199 (-)
trans-1,4-Dichloro-2-butene
Concen: 22.86 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.1	74.9	112.3
89	48.7	33.8	50.8

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

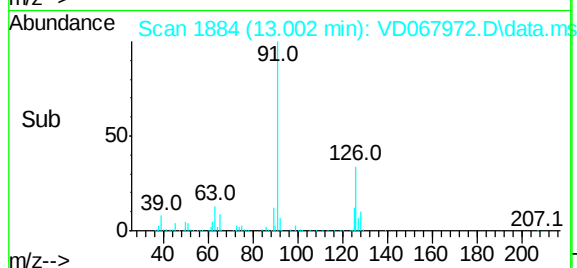
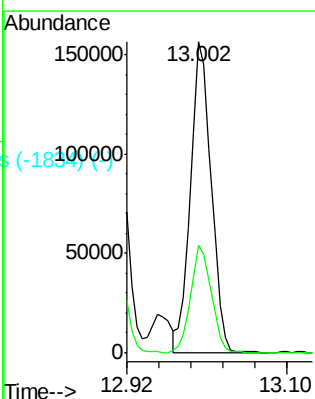
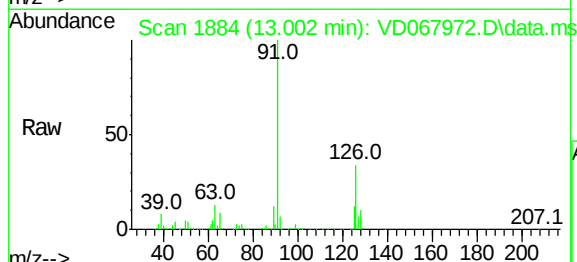
Manual Integrations
APPROVED

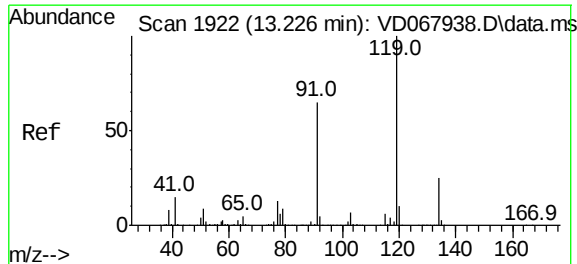
MMDadoda
1/4/2021 10:03:24 AM



#200 (-)
4-Chlorotoluene
Concen: 20.72 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.0	51.0





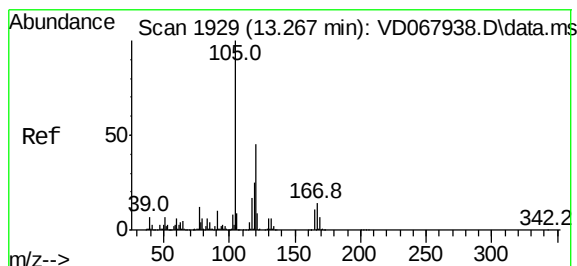
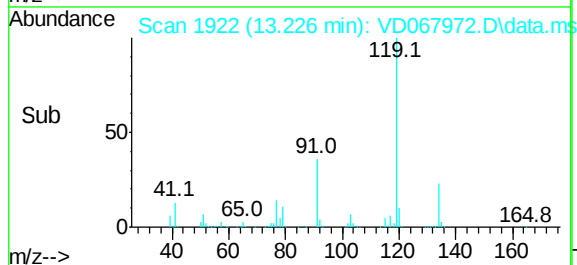
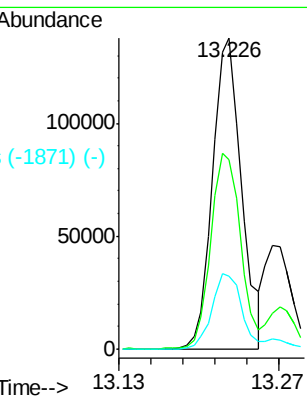
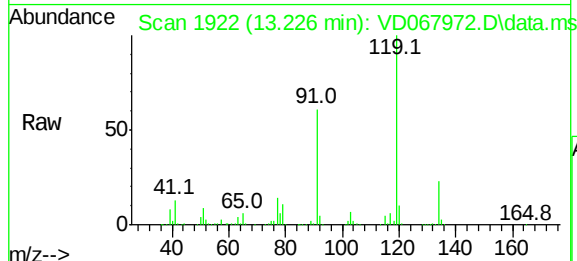
#13 (-)
tert-Butylbenzene
Concen: 20.30 ug/l
RT: 13.226 min Scan# 1922
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion:	119	Resp:	227662
Ion Ratio	Lower	Upper	
119	100		
91	64.9	32.7	98.1
134	25.1	13.3	39.8

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

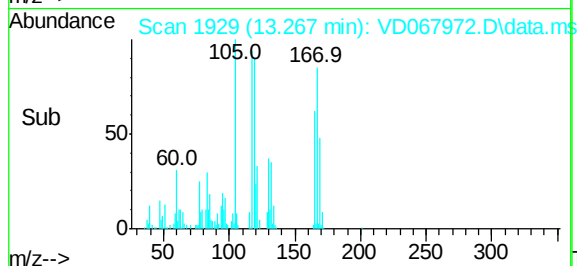
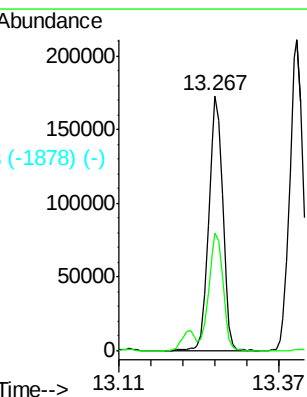
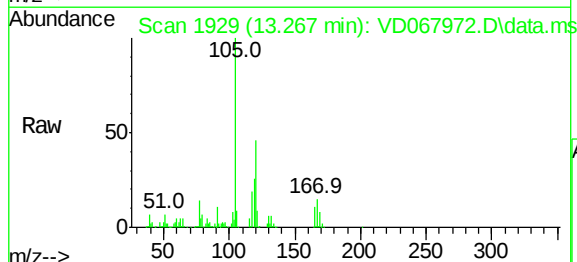
Manual Integrations
APPROVED

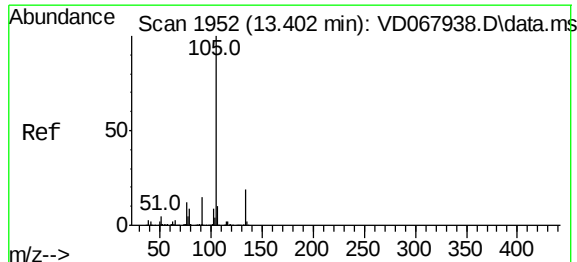
MMDadoda
1/4/2021 10:03:24 AM



#16 (-)
1,2,4-Trimethylbenzene
Concen: 20.34 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion:	105	Resp:	278100
Ion Ratio	Lower	Upper	
105	100		
120	46.7	22.7	68.0



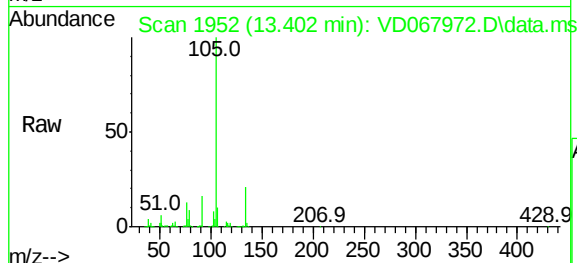


#8543 (-)
 sec-Butylbenzene
 Concen: 20.06 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

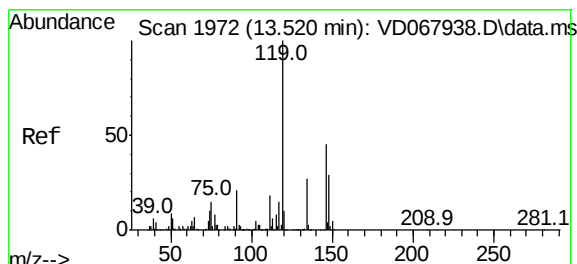
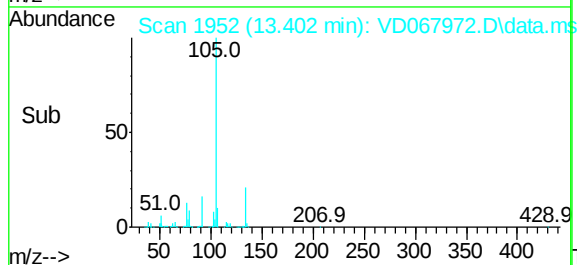
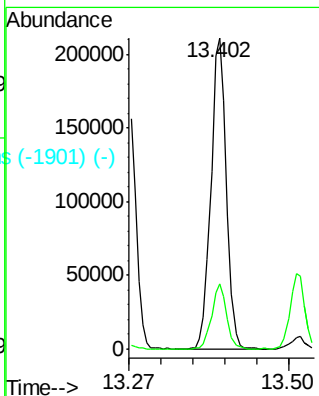
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1230SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/4/2021 10:03:24 AM

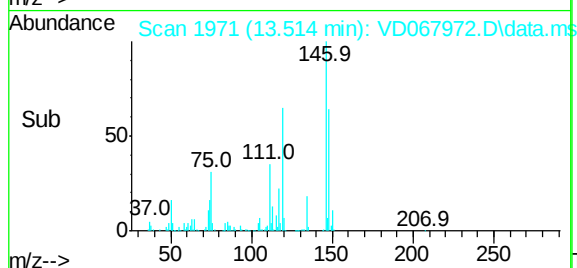
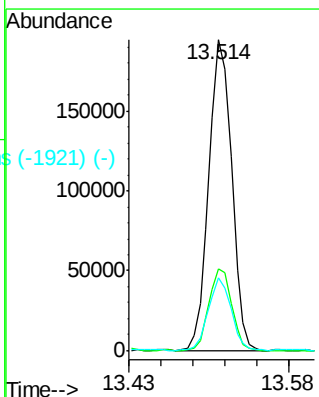
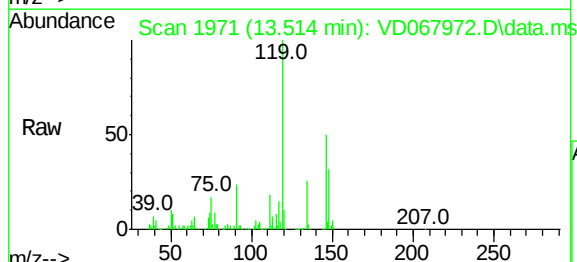


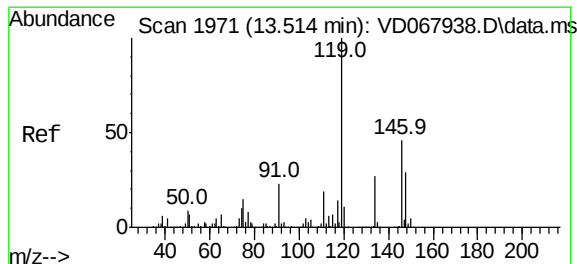
Tgt Ion:105 Resp: 329032
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.7 29.1



#8564 (-)
 p-Isopropyltoluene
 Concen: 20.25 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. -0.006 min
 Lab File: VD067972.D
 Acq: 30 Dec 2020 13:09

Tgt Ion:119 Resp: 292286
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.9
 91 23.3 11.4 34.2





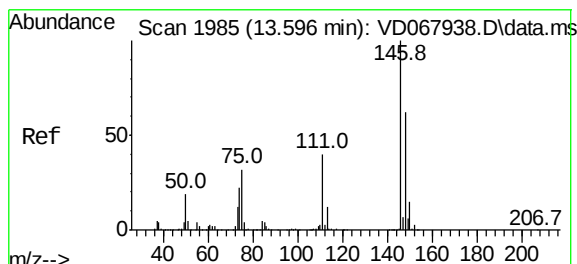
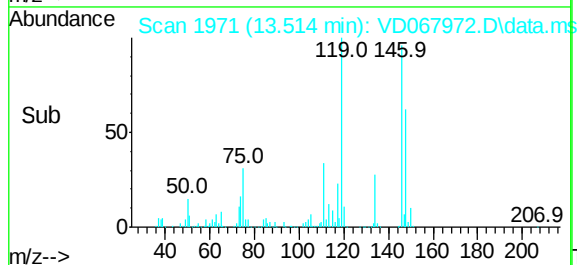
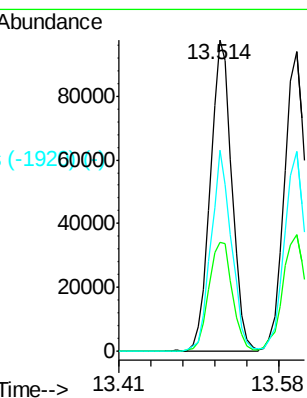
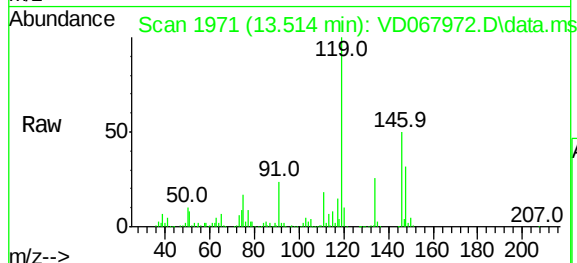
#863 (-)
1,3-Dichlorobenzene
Concen: 21.06 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion:	146	Resp:	157188
Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.3	60.9
148	61.3	31.8	95.4

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

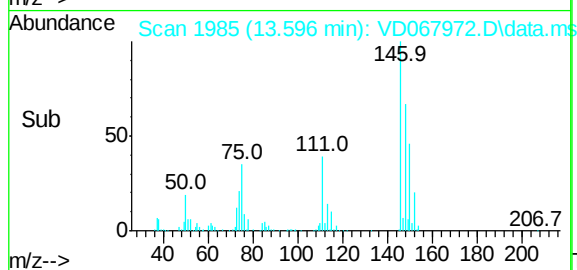
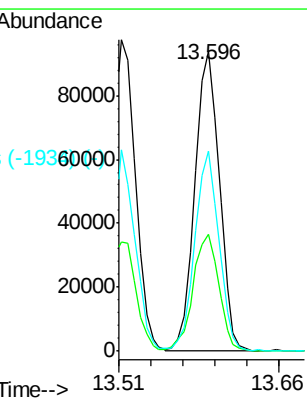
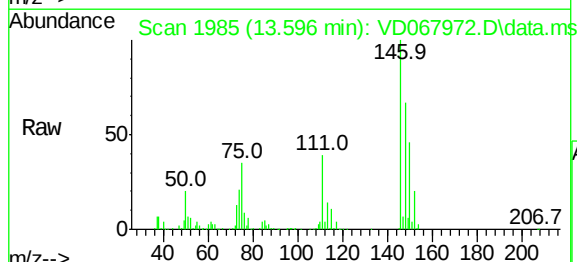
Manual Integrations
APPROVED

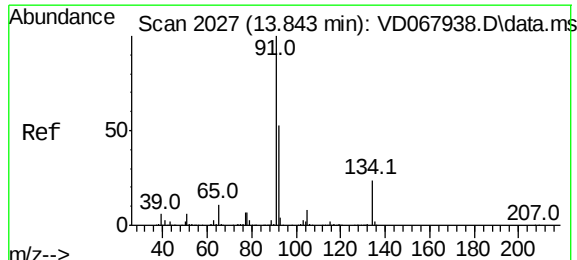
MMDadoda
1/4/2021 10:03:24 AM



#868 (-)
1,4-Dichlorobenzene
Concen: 20.55 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion:	146	Resp:	151505
Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.4	58.2
148	65.2	31.9	95.9





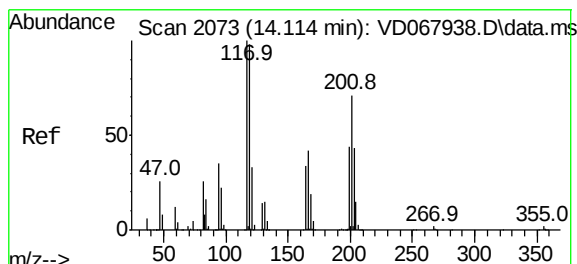
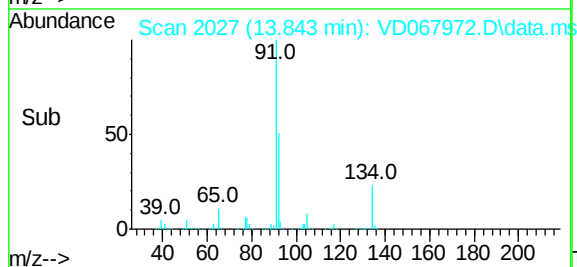
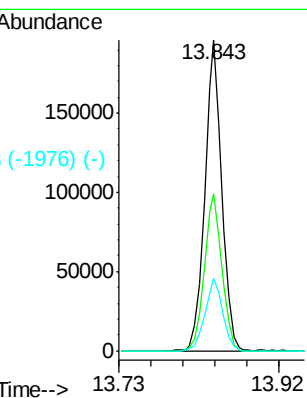
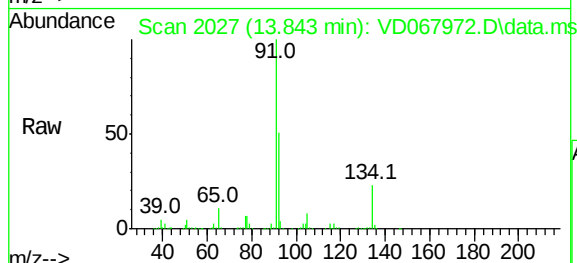
#9017 (-)
n-Butylbenzene
Concen: 19.34 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.8	80.3
134	24.1	12.3	36.9

Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

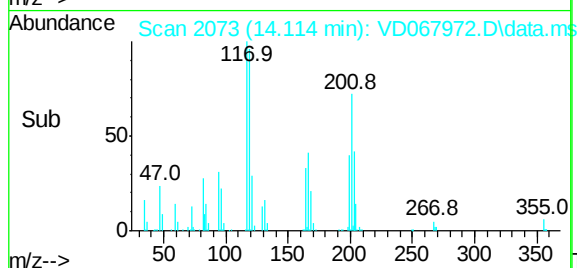
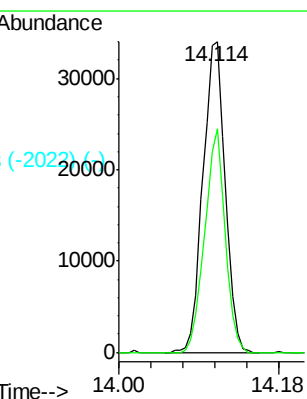
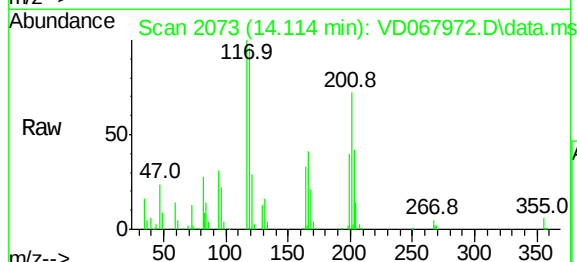
Manual Integrations
APPROVED

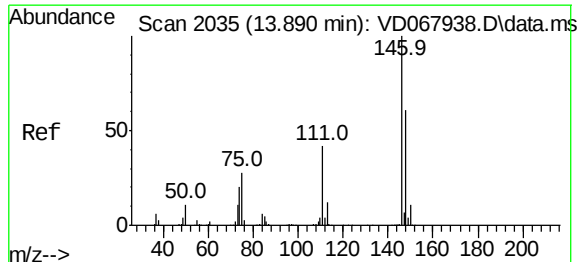
MMDadoda
1/4/2021 10:03:24 AM



#9064 (-)
Hexachloroethane
Concen: 19.79 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.1	34.3	102.8



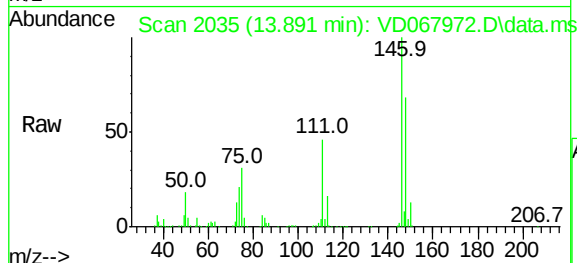


#9126 (-)
1,2-Dichlorobenzene
Concen: 20.89 ug/l
RT: 13.891 min Scan# 2035
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

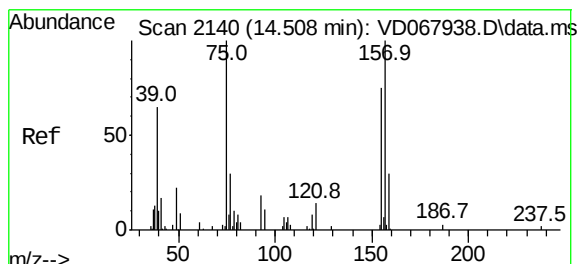
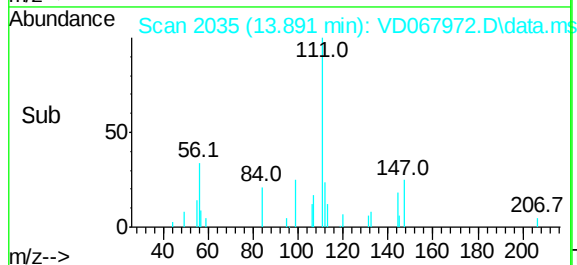
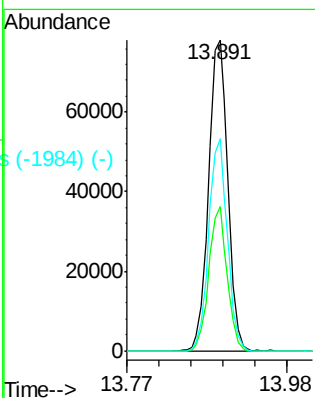
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

MMDadoda
1/4/2021 10:03:24 AM

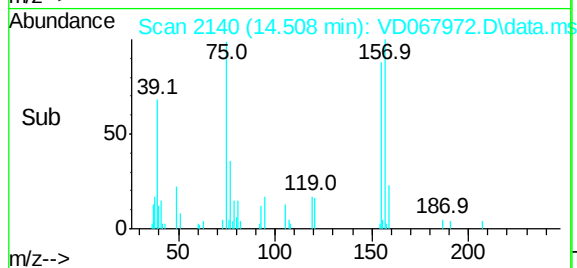
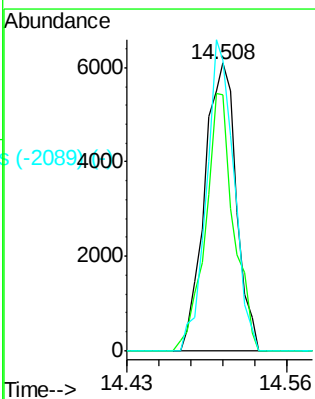
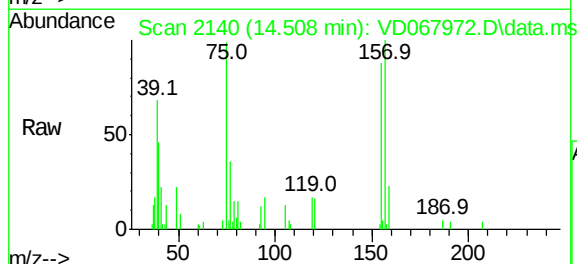


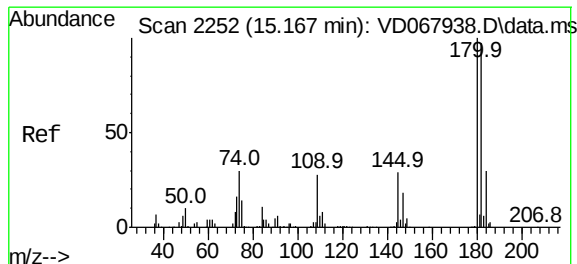
Tgt Ion:146 Resp: 131257
Ion Ratio Lower Upper
146 100
111 44.1 20.8 62.5
148 66.2 31.6 95.0



#9131 (-)
1,2-Dibromo-3-Chloropropane
Concen: 23.20 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

Tgt Ion: 75 Resp: 11062
Ion Ratio Lower Upper
75 100
155 79.6 39.8 119.3
157 93.8 50.6 151.9



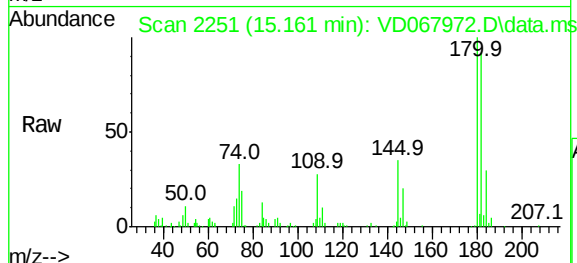


#9342 (-)
1,2,4-Trichlorobenzene
Concen: 21.18 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. -0.006 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

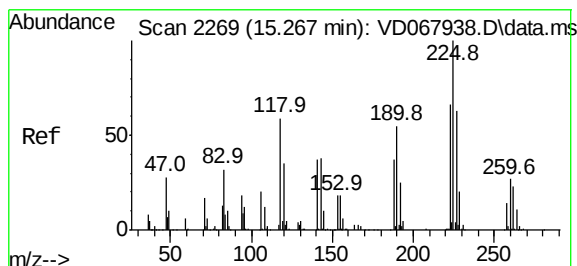
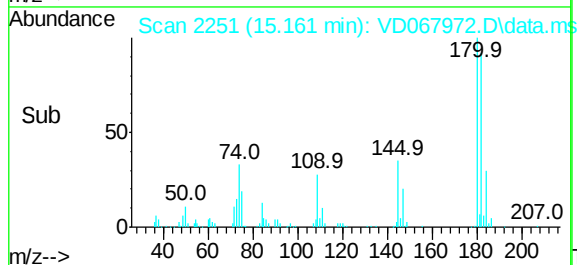
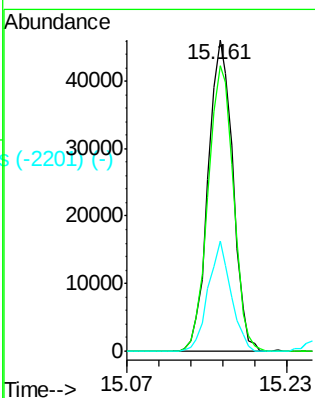
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01

Manual Integrations
APPROVED

MMDadoda
1/4/2021 10:03:24 AM

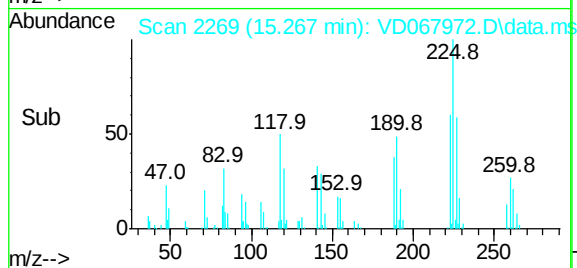
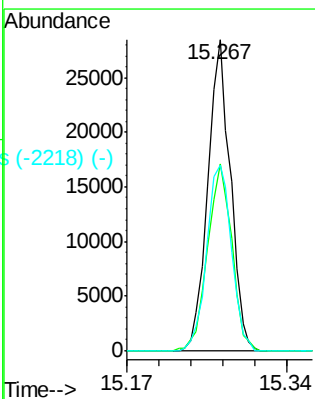
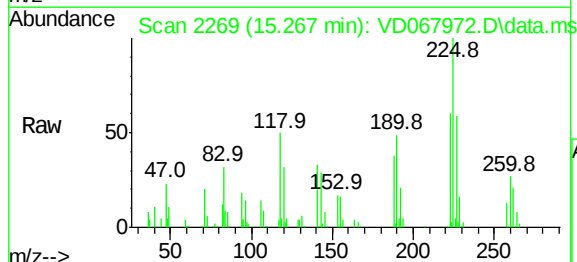


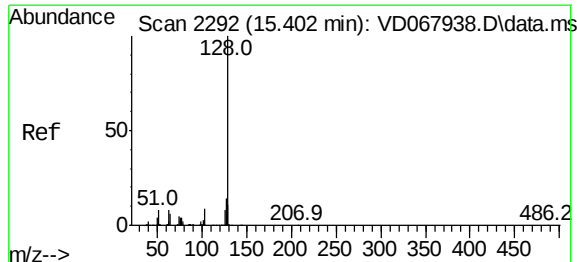
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	48.0	144.2
145	32.4	15.8	47.3



#9340 (-)
Hexachlorobutadiene
Concen: 20.40 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

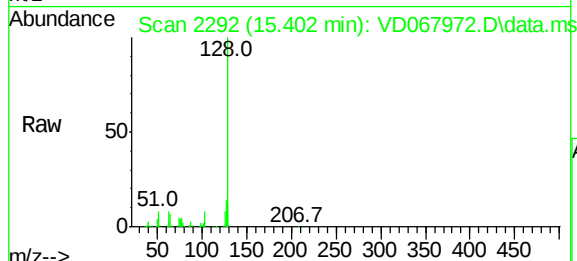
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	33.4	100.2
227	65.5	31.7	95.1





#2292 (-)
Naphthalene
Concen: 22.29 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09

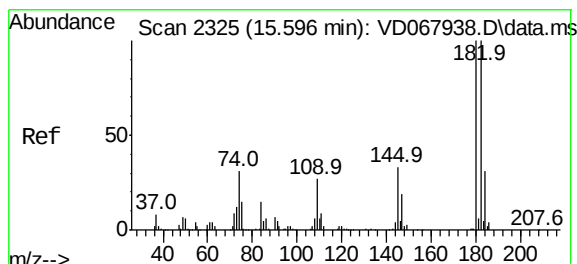
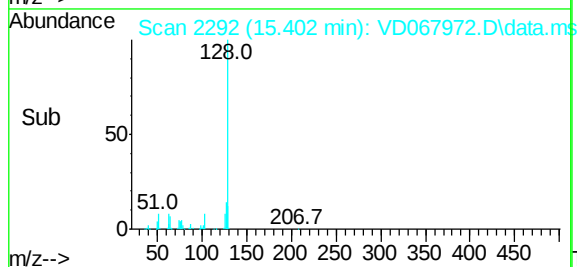
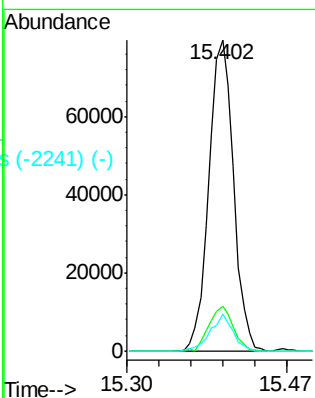
Instrument :
MSVOA_D
ClientSampleId :
VD1230SBS01



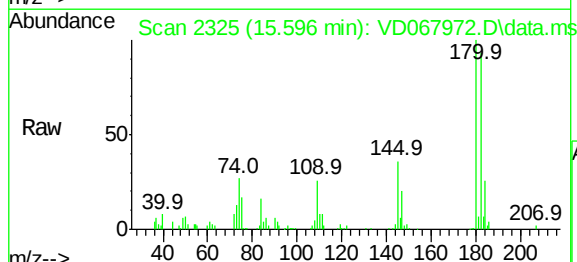
Tgt Ion:	128	Resp:	146993
Ion Ratio	Lower	Upper	
128	100		
127	13.9	11.2	16.8
129	10.7	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
1/4/2021 10:03:24 AM



#2325 (-)
1,2,3-Trichlorobenzene
Concen: 22.36 ug/l
RT: 15.596 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VD067972.D
Acq: 30 Dec 2020 13:09



Tgt Ion:	180	Resp:	72078
Ion Ratio	Lower	Upper	
180	100		
182	92.7	50.2	150.6
145	34.0	17.0	51.0

