

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101320\
 Data File : VX018931.D
 Acq On : 13 Oct 2020 16:22
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:08:29 PM

Quant Time: Oct 14 02:38:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	265396	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	374612	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.09	117	363837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212341	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	162829	41.60	ug/l	0.00
Spiked Amount			Recovery	=	83.20%	
35) Dibromofluoromethane	5.46	113	123734	46.35	ug/l	-0.01
Spiked Amount			Recovery	=	92.70%	
50) Toluene-d8	8.70	98	447794	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.12	95	179139	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	144942	46.308	ug/l	99
3) Chloromethane	1.31	50	120000	48.242	ug/l	100
4) Vinyl Chloride	1.39	62	134535	48.384	ug/l	96
5) Bromomethane	1.62	94	87781	56.683	ug/l	99
6) Chloroethane	1.71	64	86216	46.295	ug/l	99
7) Trichlorofluoromethane	1.92	101	240312	43.846	ug/l	96
8) Diethyl Ether	2.17	74	72760	47.685	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116896	44.409	ug/l	99
10) Methyl Iodide	2.49	142	128602	46.779	ug/l	93
11) Tert butyl alcohol	3.01	59	133449	216.462	ug/l	97
12) 1,1-Dichloroethene	2.36	96	112085	45.822	ug/l	98
13) Acrolein	2.27	56	118772	231.553	ug/l	99
14) Allyl chloride	2.70	41	205041	46.140	ug/l	94
15) Acrylonitrile	3.11	53	306565	234.467	ug/l	99
16) Acetone	2.42	43	319578	215.584	ug/l	99
17) Carbon Disulfide	2.55	76	331425	46.114	ug/l	99
18) Methyl Acetate	2.75	43	149302	45.884	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	388841	47.316	ug/l	99
20) Methylene Chloride	2.83	84	133985	48.009	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	133647	47.012	ug/l	98
22) Diisopropyl ether	3.82	45	373051	46.906	ug/l	90
23) Vinyl Acetate	3.78	43	1812476	236.954	ug/l	98
24) 1,1-Dichloroethane	3.67	63	238509	44.604	ug/l	98
25) 2-Butanone	4.63	43	469403	221.401	ug/l	99
26) 2,2-Dichloropropane	4.54	77	228558	44.300	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	147011	46.567	ug/l	97
28) Bromochloromethane	4.98	49	106416	45.210	ug/l	99
29) Tetrahydrofuran	5.08	42	258118	226.916	ug/l	98
30) Chloroform	5.17	83	258040	43.799	ug/l	95
31) Cyclohexane	5.54	56	176519	48.282	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	246908	44.101	ug/l	97
36) 1,1-Dichloropropene	5.76	75	189076	48.005	ug/l	99
37) Ethyl Acetate	4.79	43	184608	48.536	ug/l	99
38) Carbon Tetrachloride	5.74	117	228175	46.740	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	183596	50.567	ug/l	99
40) Benzene	6.10	78	520132	49.154	ug/l	98
41) Methacrylonitrile	5.00	41	101000	45.774	ug/l	98
42) 1,2-Dichloroethane	6.15	62	219238	44.193	ug/l	99
43) Isopropyl Acetate	6.40	43	287338	45.457	ug/l	98
44) Trichloroethene	7.18	130	150872	47.543	ug/l	100
45) 1,2-Dichloropropane	7.49	63	134021	47.866	ug/l	98
46) Dibromomethane	7.63	93	96997	46.878	ug/l	96
47) Bromodichloromethane	7.87	83	209056	46.624	ug/l	96
48) Methyl methacrylate	7.74	41	151095	47.108	ug/l	96
49) 1,4-Dioxane	7.71	88	42496	944.913	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	892174	241.823	ug/l	99
52) Toluene	8.76	92	339302	49.965	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	228171	49.145	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	238295	49.894	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	138820	47.592	ug/l	96
56) Ethyl methacrylate	9.16	69	195322	46.114	ug/l	96
57) 1,3-Dichloropropane	9.35	76	233485	49.332	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	542369	256.999	ug/l	100
59) 2-Hexanone	9.47	43	686915	244.378	ug/l	97
60) Dibromochloromethane	9.56	129	175353	47.890	ug/l	100
61) 1,2-Dibromoethane	9.65	107	151846	48.544	ug/l	100
64) Tetrachloroethene	9.32	164	145610	54.927	ug/l	90
65) Chlorobenzene	10.12	112	377311	47.988	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	154256	47.555	ug/l	99
67) Ethyl Benzene	10.23	91	657376	49.560	ug/l	98
68) m/p-Xylenes	10.34	106	516769	102.546	ug/l	97
69) o-Xylene	10.68	106	234180	49.322	ug/l	99
70) Styrene	10.70	104	421338	52.418	ug/l	99
71) Bromoform	10.84	173	138253	49.277	ug/l #	96
73) Isopropylbenzene	11.00	105	683436	49.202	ug/l	99
74) N-amyl acetate	10.88	43	260145	47.337	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	203509	43.958	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	205532m	44.922	ug/l	
77) Bromobenzene	11.24	156	177938	46.634	ug/l	98
78) n-propylbenzene	11.34	91	769325	48.606	ug/l	100
79) 2-Chlorotoluene	11.40	91	460166	46.640	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	585422	49.272	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	73650	45.619	ug/l	94
82) 4-Chlorotoluene	11.49	91	569281	48.526	ug/l	99
83) tert-Butylbenzene	11.76	119	559628	47.033	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	593480	49.137	ug/l	98
85) sec-Butylbenzene	11.93	105	652687	48.691	ug/l	99
86) p-Isopropyltoluene	12.05	119	633535	49.818	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	319631	45.612	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	330795	46.603	ug/l	98
89) n-Butylbenzene	12.37	91	544486	49.278	ug/l	100
90) Hexachloroethane	12.58	117	105665	44.694	ug/l	90
91) 1,2-Dichlorobenzene	12.37	146	309623	46.418	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47975	40.518	ug/l	89

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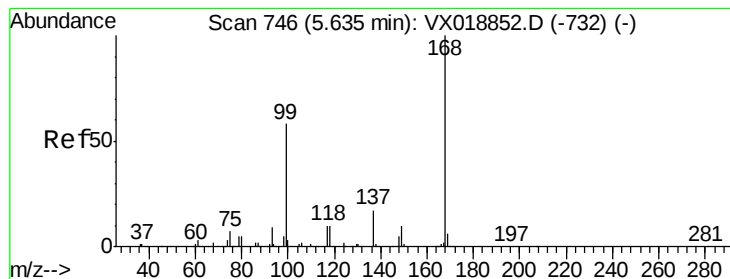
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	221913	51.857	ug/l	96
94) Hexachlorobutadiene	13.77	225	108716	57.197	ug/l	96
95) Naphthalene	13.82	128	617188	43.618	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	220304	52.618	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

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Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 265396

Ion Ratio Lower Upper

168 100

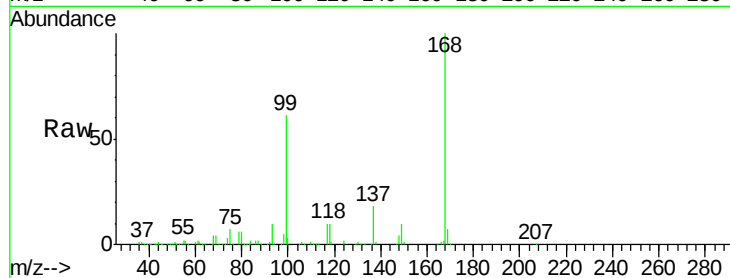
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Manual Integrations

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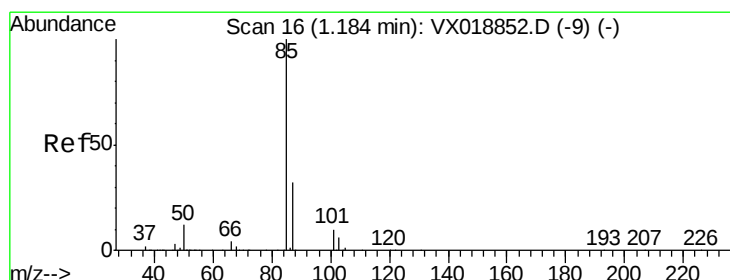
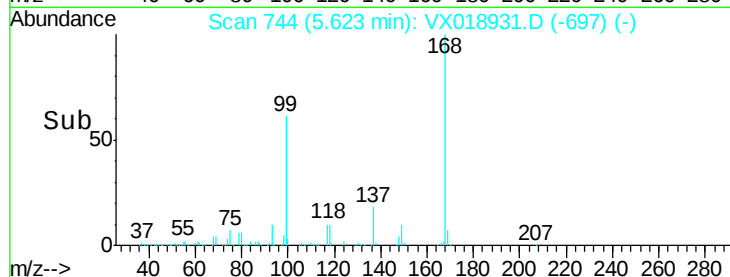
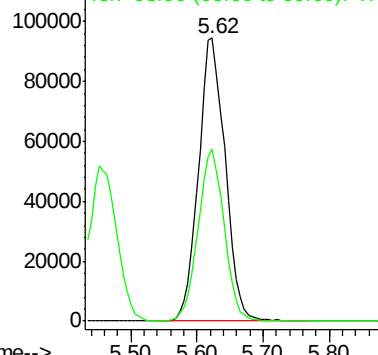
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.308 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018931.D

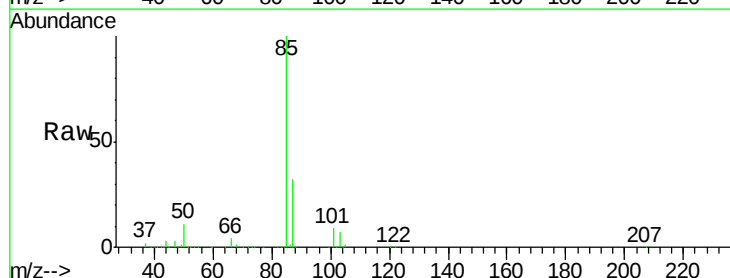
Acq: 13 Oct 2020 16:22

Tgt Ion: 85 Resp: 144942

Ion Ratio Lower Upper

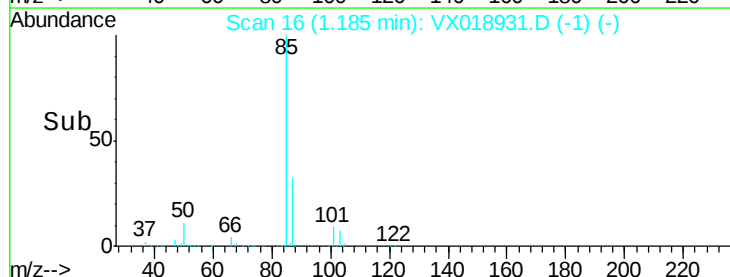
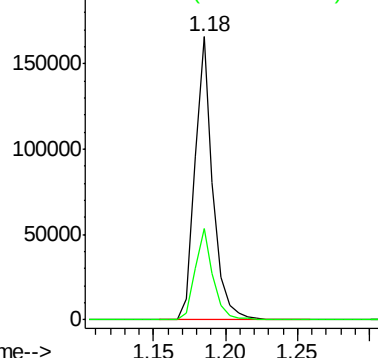
85 100

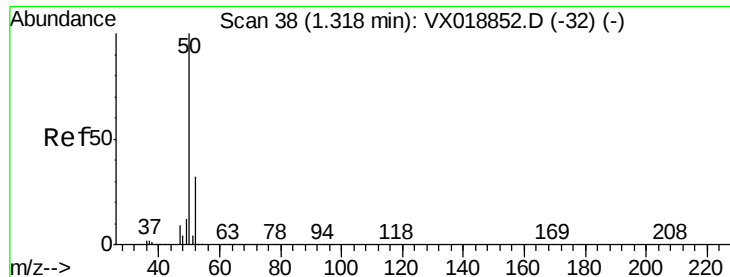
87 32.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.242 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 120000

Ion Ratio Lower Upper

50 100

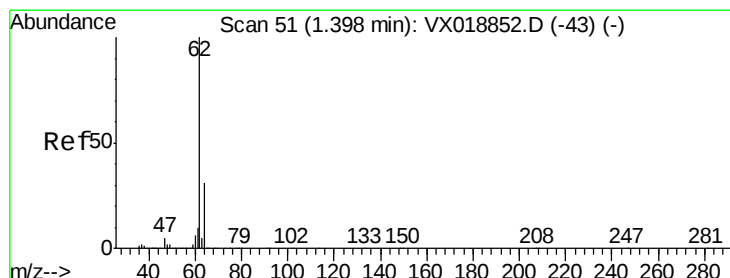
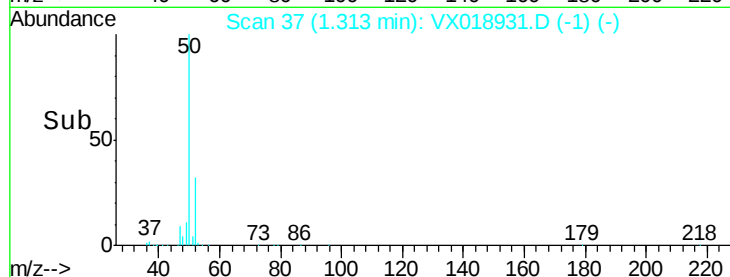
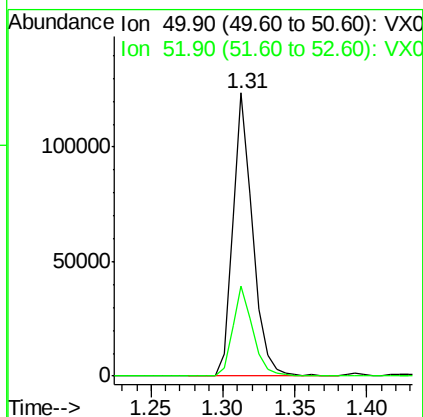
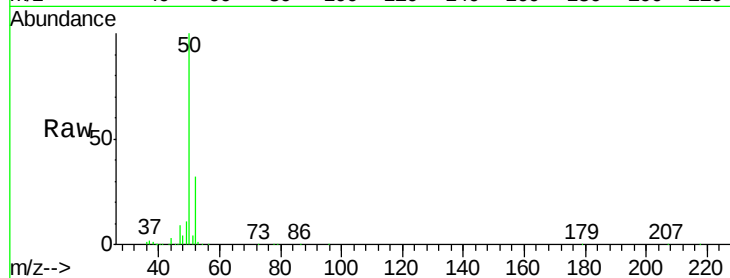
52 31.7 25.2 37.8

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#4

Vinyl Chloride

Concen: 48.384 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018931.D

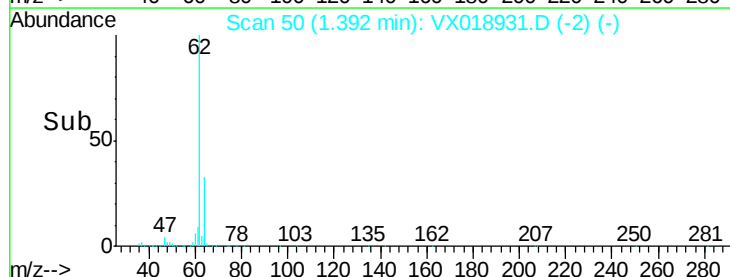
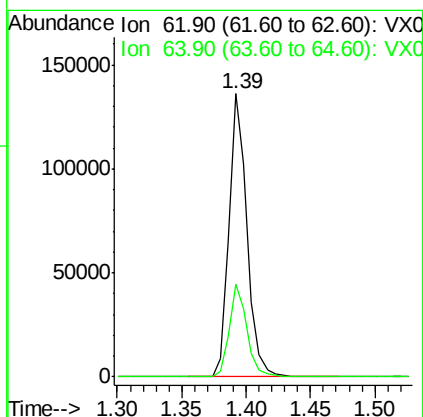
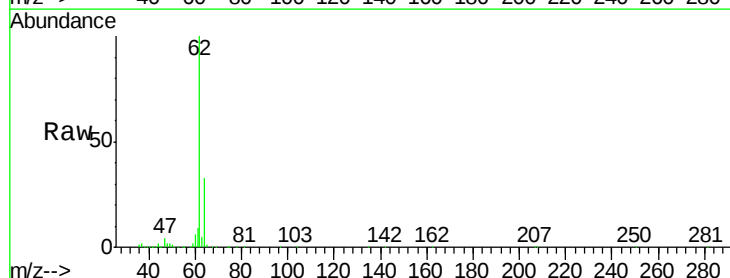
Acq: 13 Oct 2020 16:22

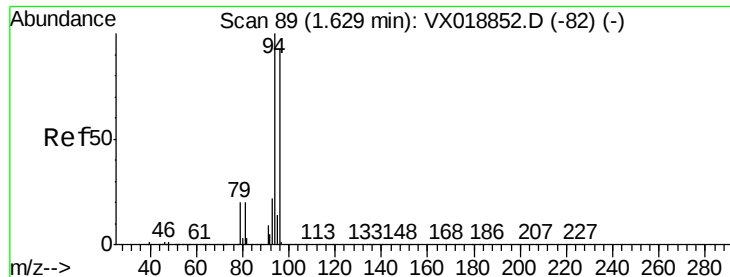
Tgt Ion: 62 Resp: 134535

Ion Ratio Lower Upper

62 100

64 32.7 24.6 37.0





#5

Bromomethane

Concen: 56.683 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 87781

Ion Ratio Lower Upper

94 100

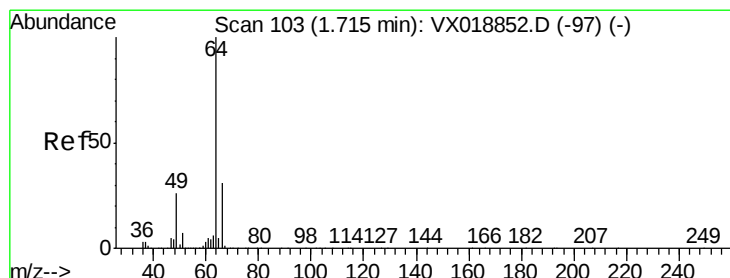
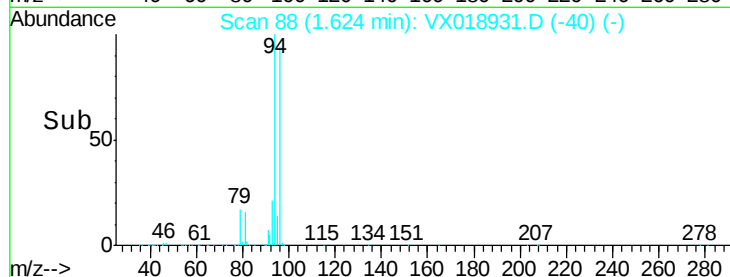
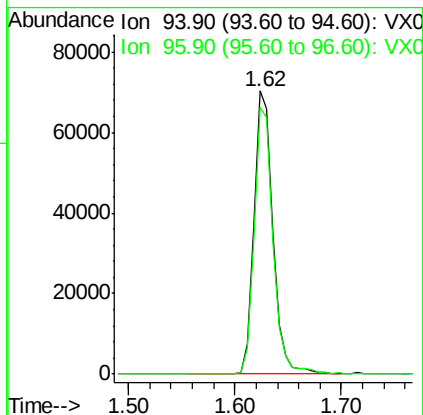
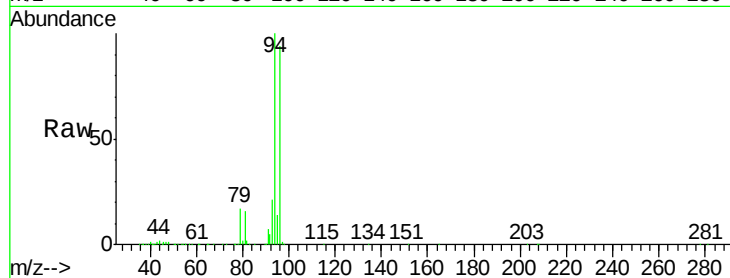
96 94.2 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 46.295 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX018931.D

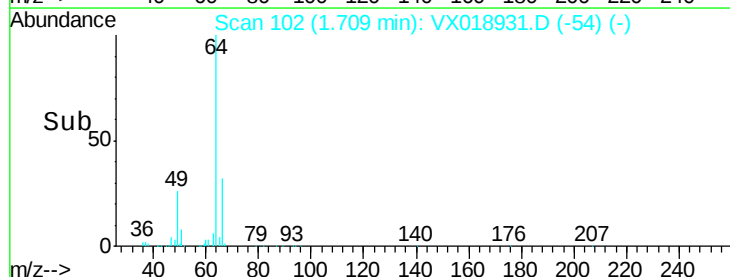
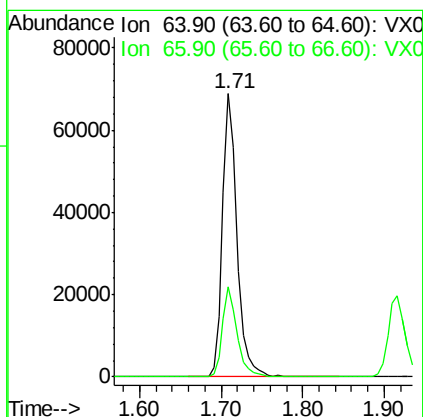
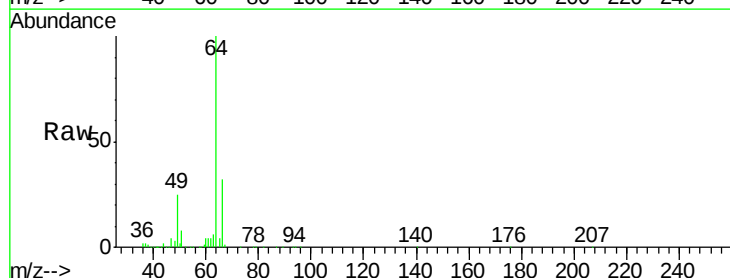
Acq: 13 Oct 2020 16:22

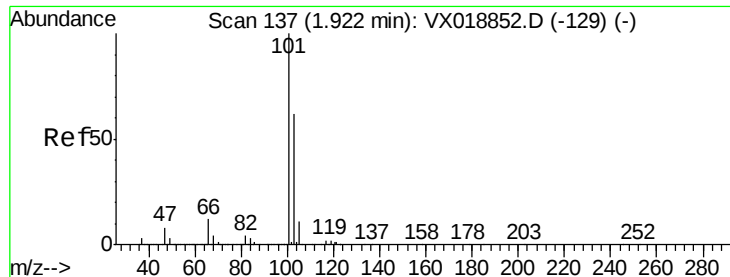
Tgt Ion: 64 Resp: 86216

Ion Ratio Lower Upper

64 100

66 31.7 24.7 37.1





#7

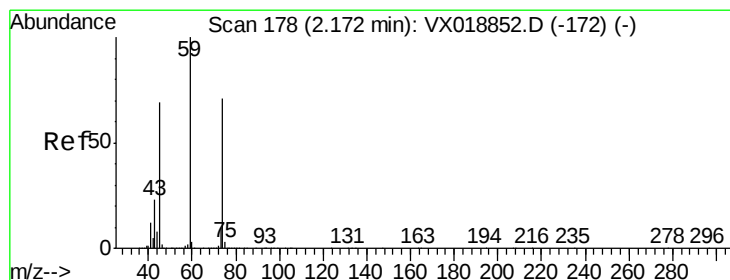
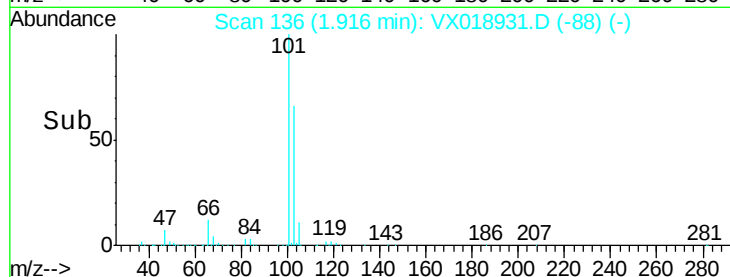
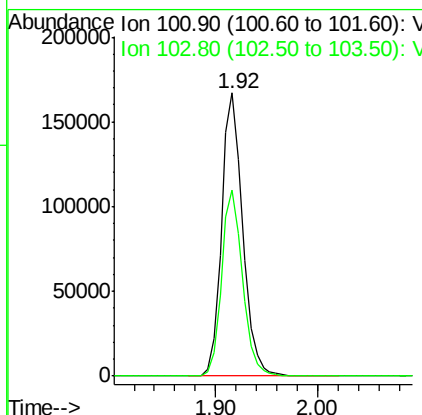
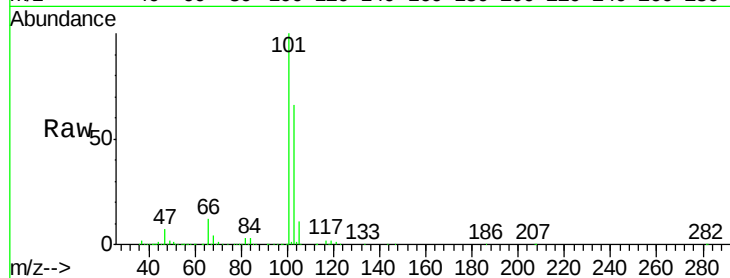
Trichlorofluoromethane
Concen: 43.846 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018931.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	240312		
103	65.9	50.0	75.0	

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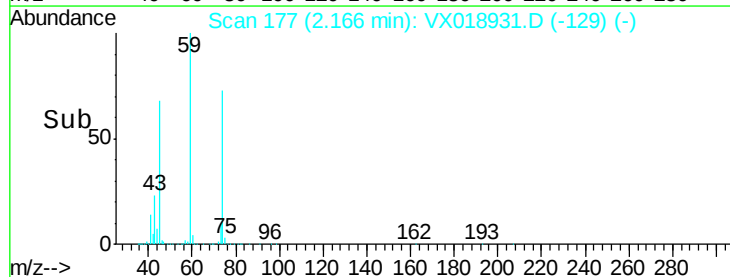
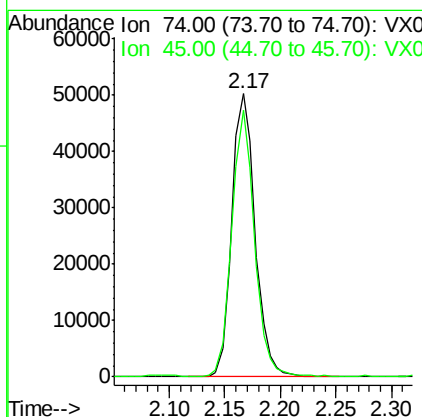
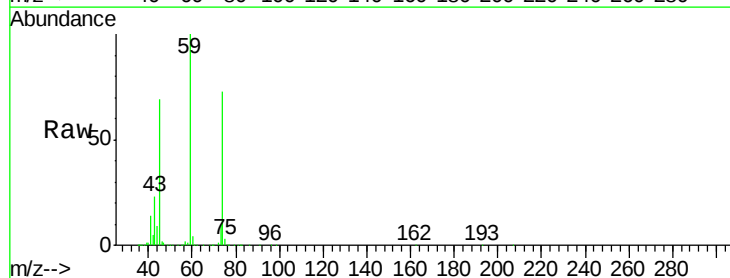
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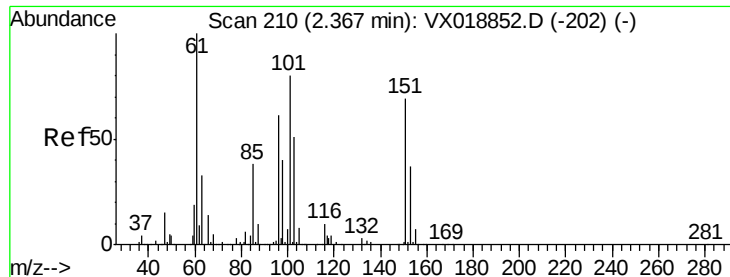


#8

Diethyl Ether
Concen: 47.685 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	72760		
45	92.0	47.0	141.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.409 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018931.D

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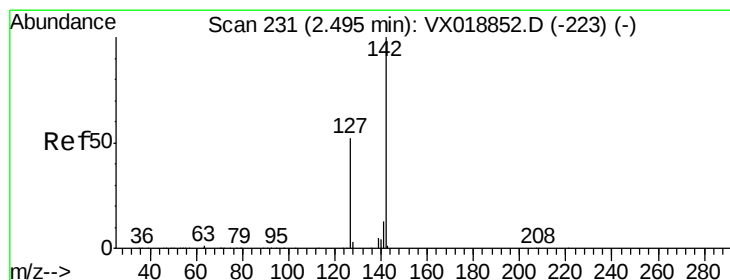
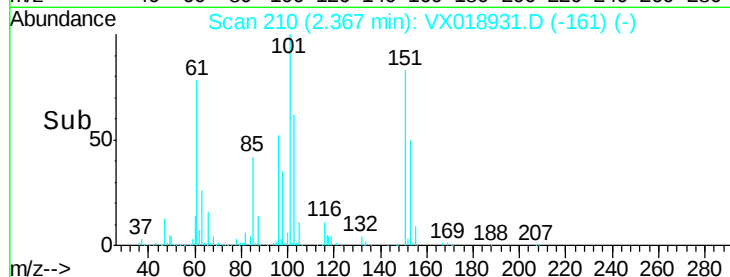
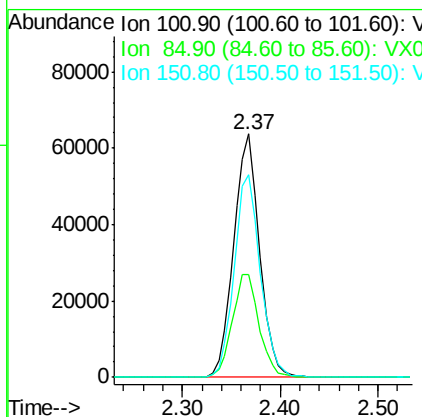
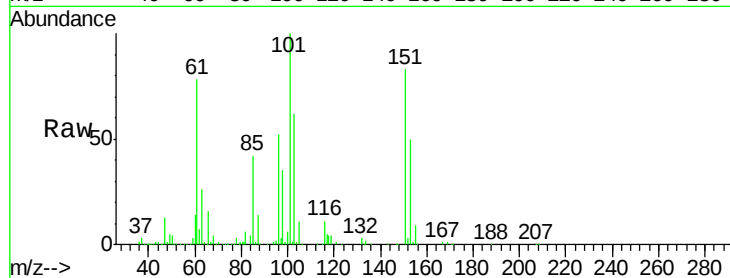
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	116896
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.6	55.0
151	84.1	67.2	100.8

Manual Integrations
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#10

Methyl Iodide

Concen: 46.779 ug/l

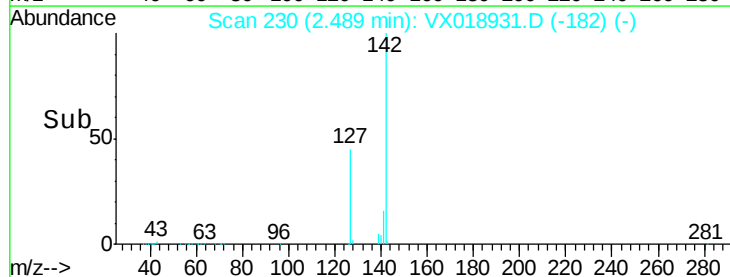
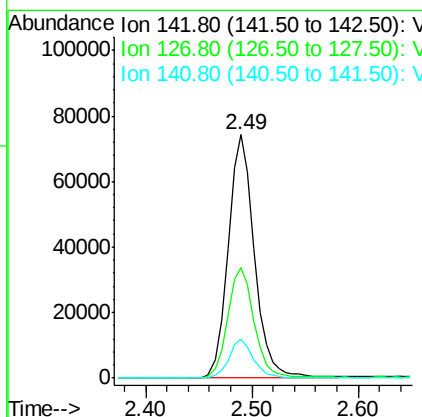
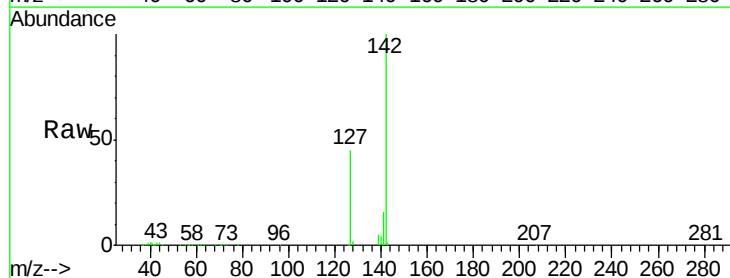
RT: 2.49 min Scan# 230

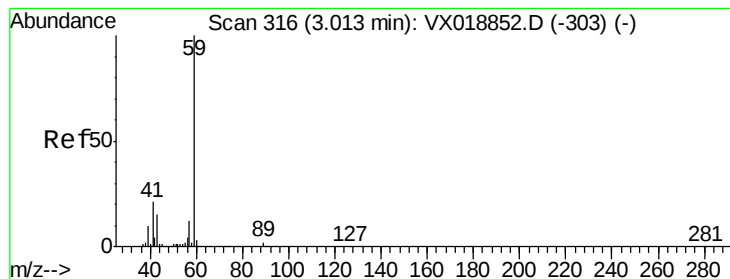
Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Tgt Ion:	142	Resp:	128602
Ion Ratio	Lower	Upper	
142	100		
127	46.0	42.0	63.0
141	14.8	11.8	17.6





#11

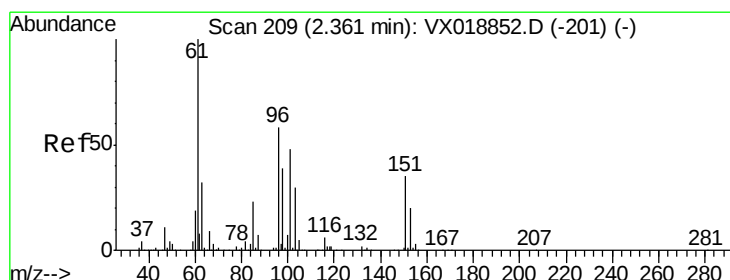
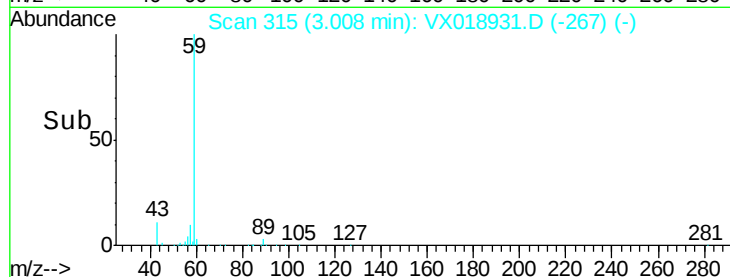
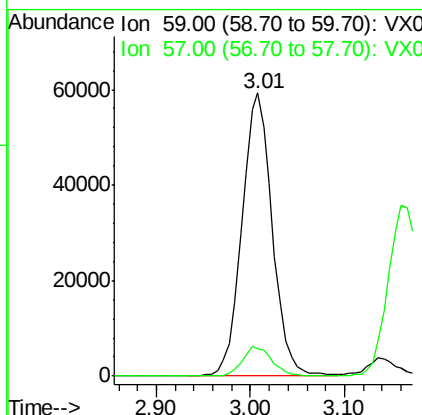
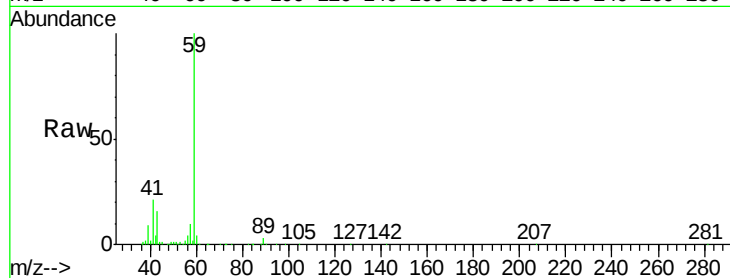
Tert butyl alcohol
Concen: 216.462 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	9.0	13.6

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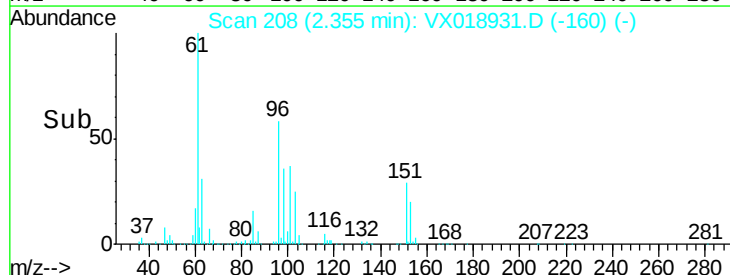
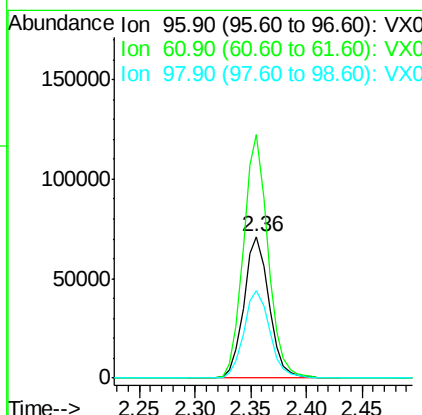
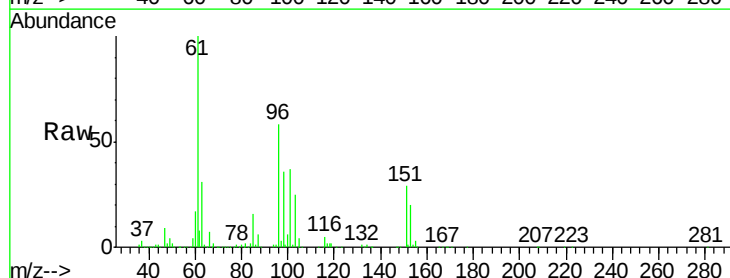
MMDadoda
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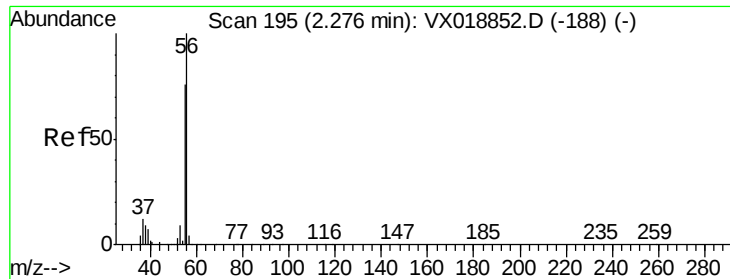


#12

1,1-Dichloroethene
Concen: 45.822 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.3	137.0	205.6
98	62.2	53.9	80.9





#13

Acrolein

Concen: 231.553 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 118772

Ion Ratio Lower Upper

56 100

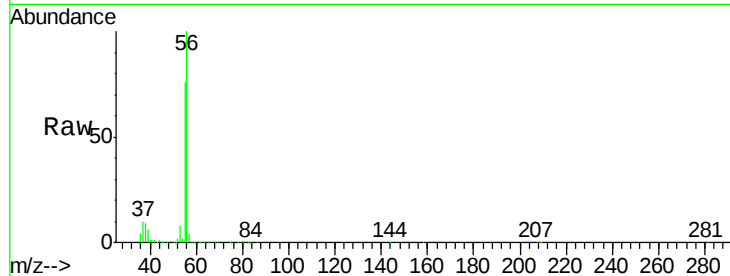
55 72.0 58.6 87.8

Manual Integrations

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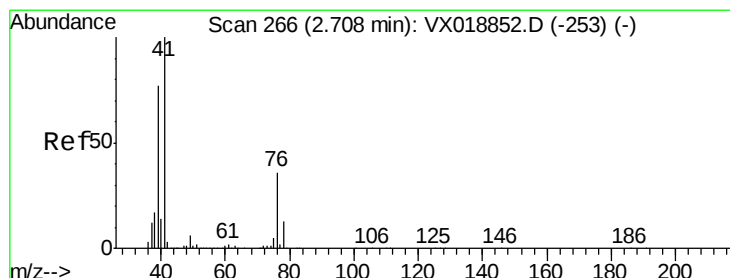
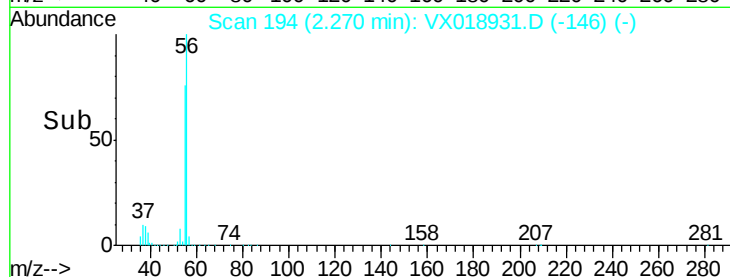
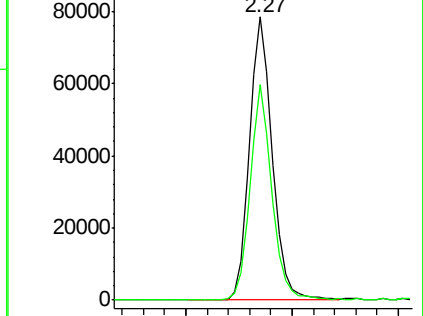
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.140 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

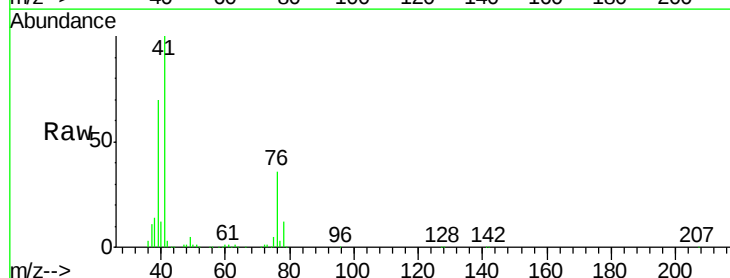
Tgt Ion: 41 Resp: 205041

Ion Ratio Lower Upper

41 100

39 65.7 57.8 86.8

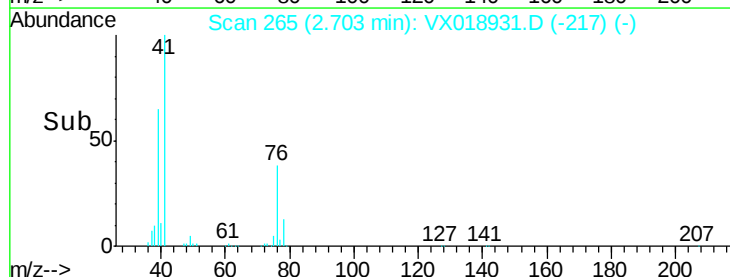
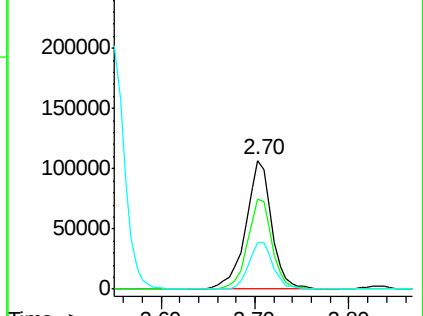
76 34.0 26.8 40.2

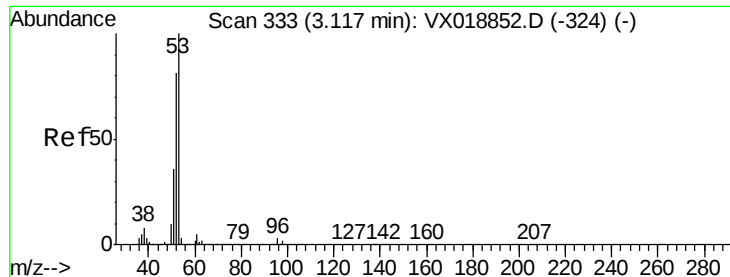


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 234.467 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

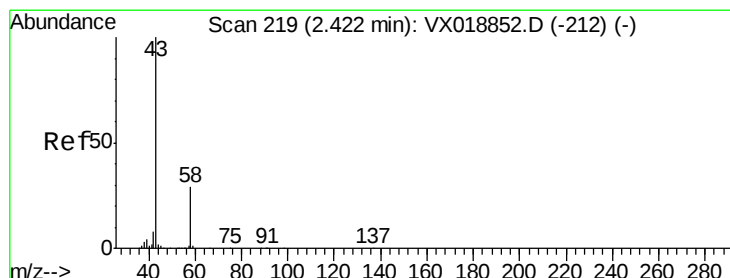
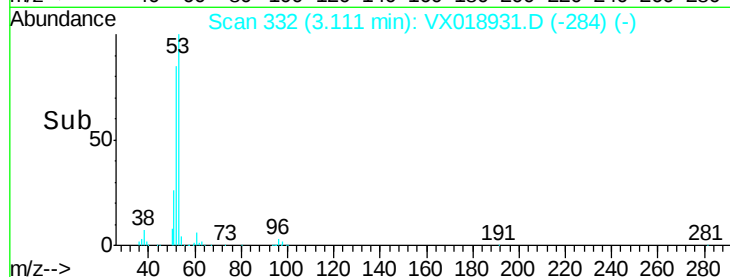
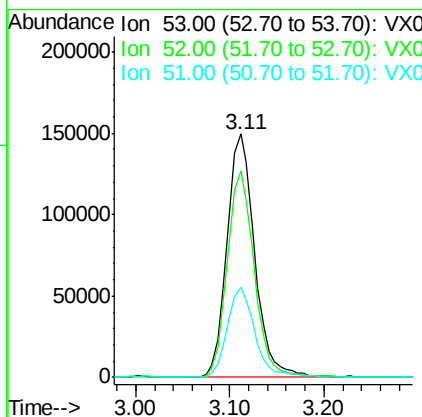
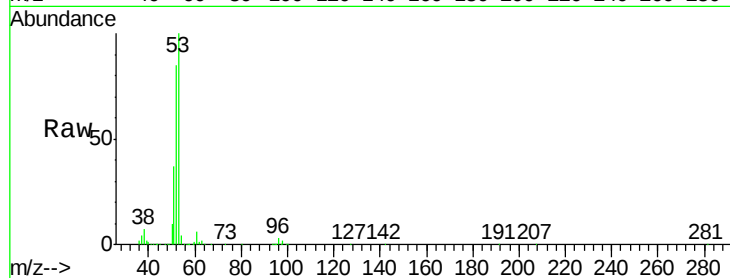
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	306565
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.7	100.1
51	37.0	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 215.584 ug/l

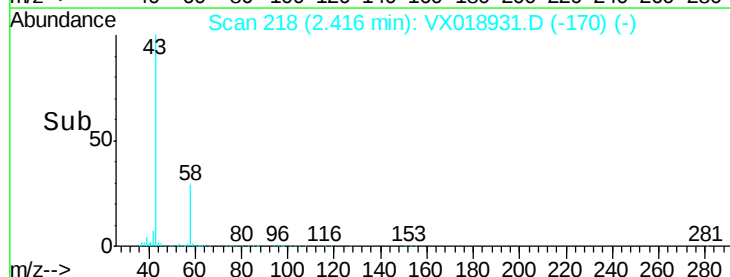
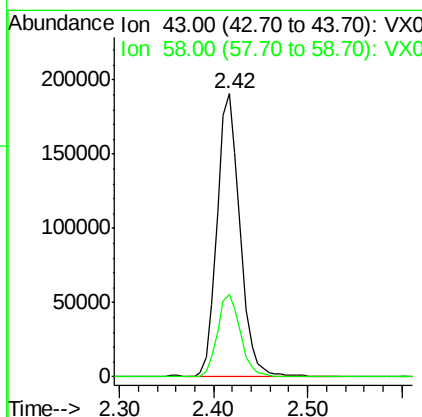
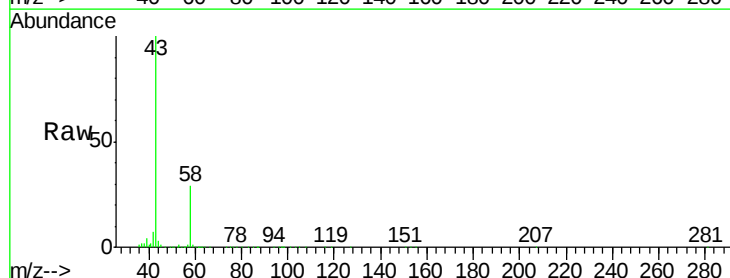
RT: 2.42 min Scan# 218

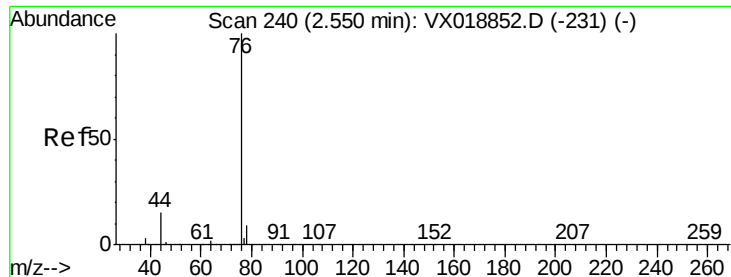
Delta R.T. -0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Tgt Ion:	43	Resp:	319578
Ion Ratio	Lower	Upper	
43	100		
58	29.3	23.0	34.4





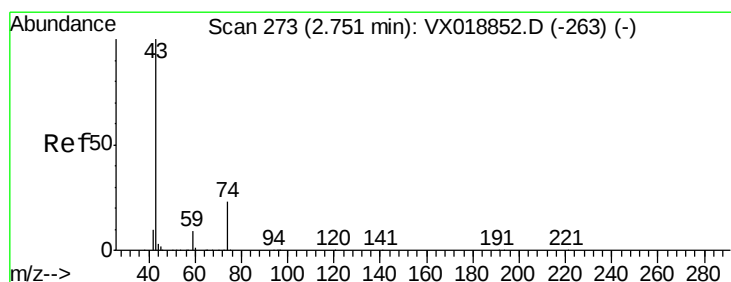
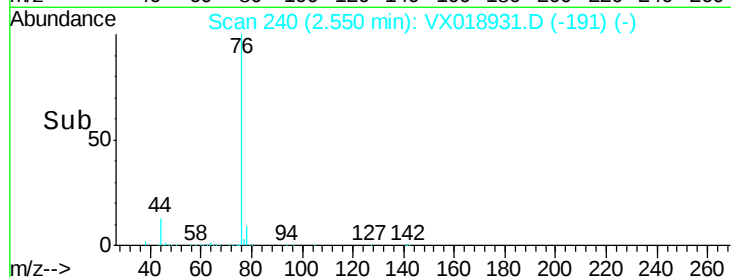
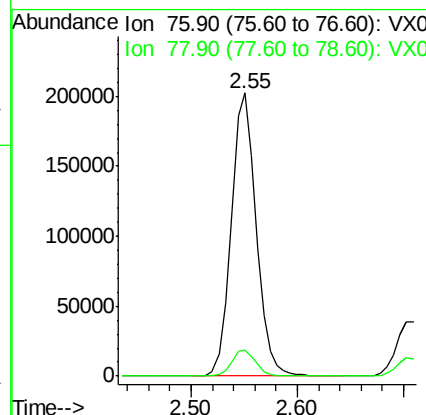
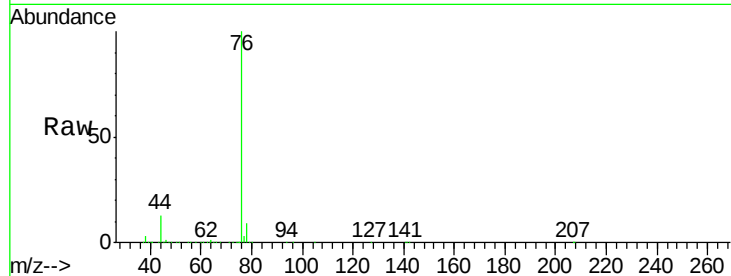
#17
Carbon Disulfide
Concen: 46.114 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.3	10.9

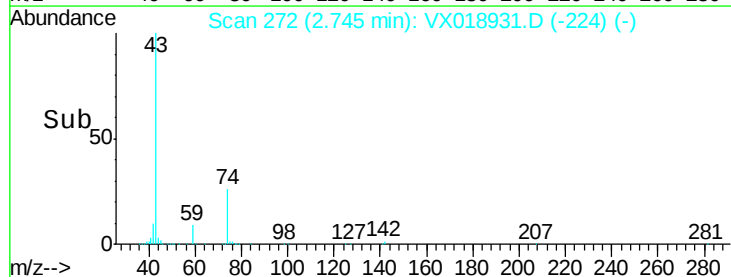
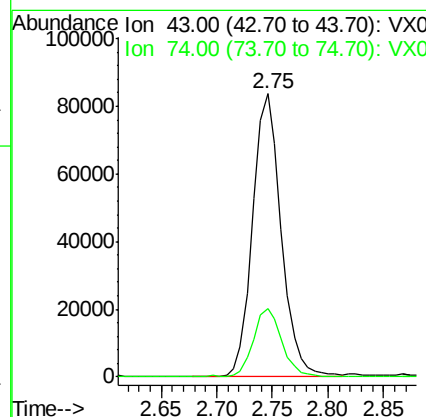
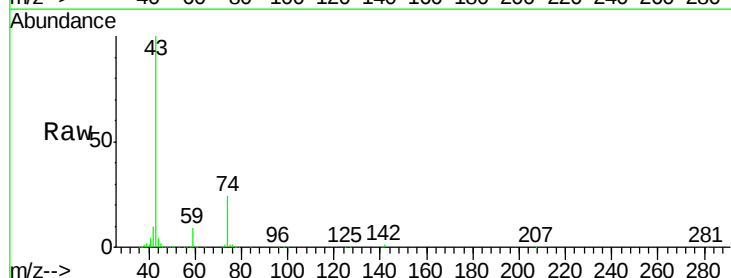
Manual Integrations
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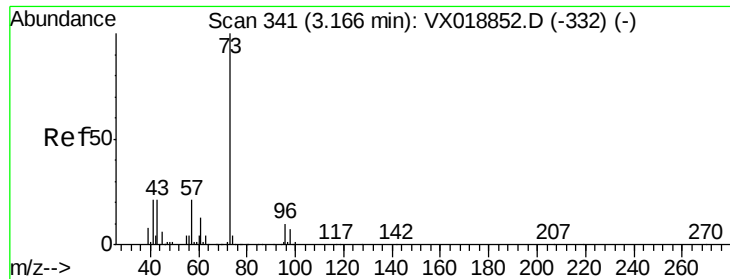
MMDadoda
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#18
Methyl Acetate
Concen: 45.884 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.9	28.3





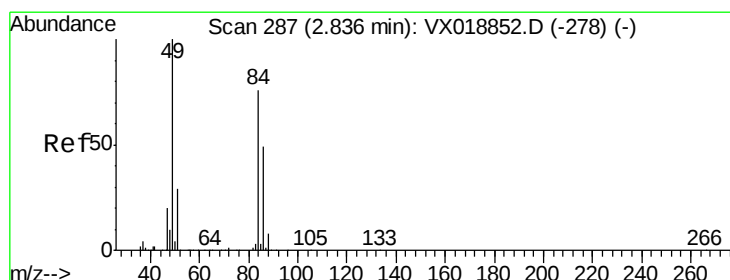
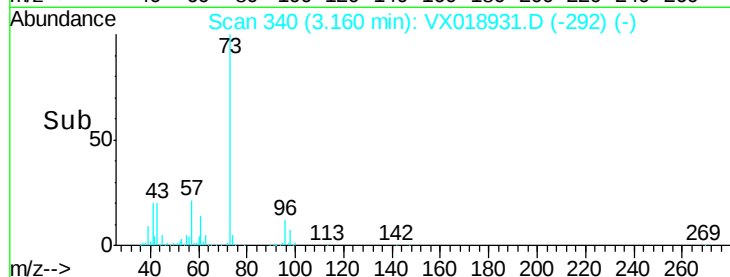
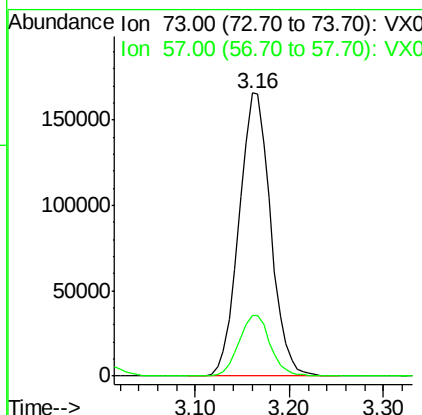
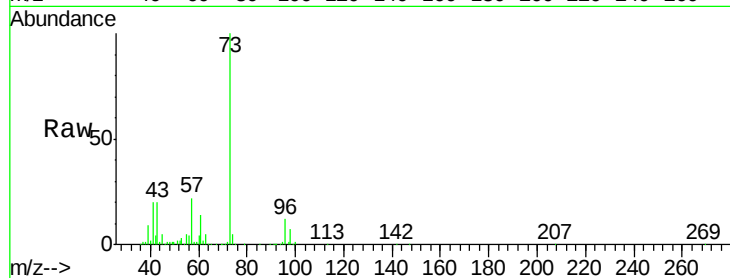
#19
Methyl tert-butyl Ether
Concen: 47.316 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.7	25.1

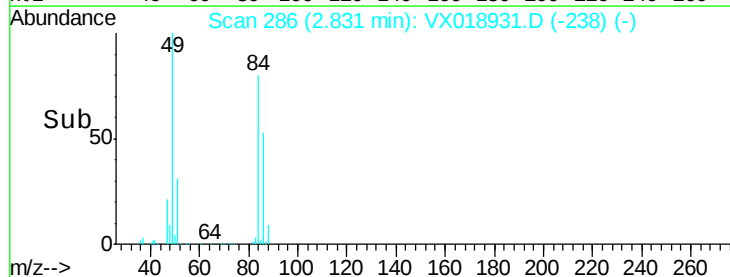
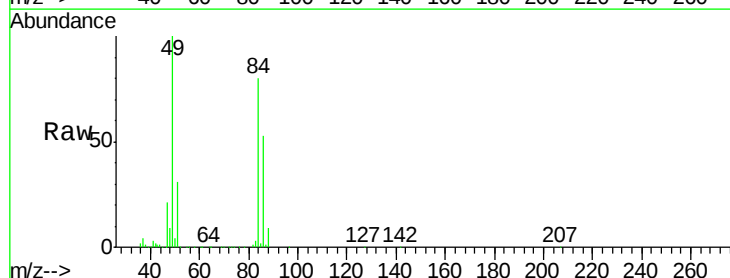
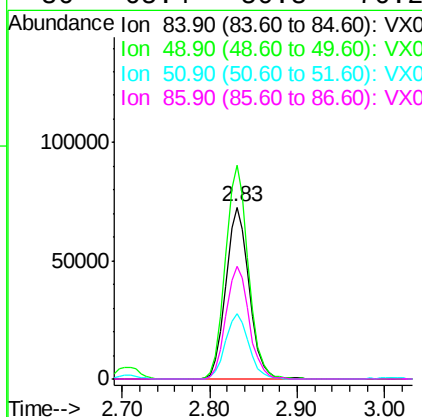
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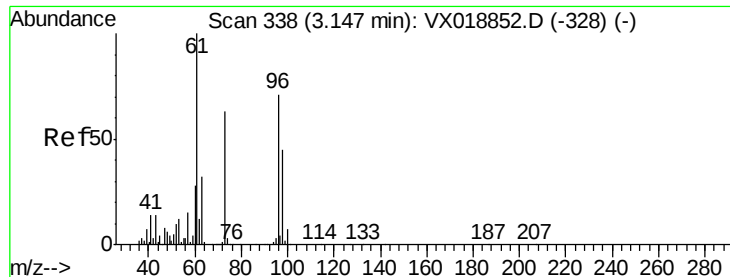
MMDadoda
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#20
Methylene Chloride
Concen: 48.009 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.3	104.8	157.2
51	38.2	30.6	46.0
86	65.4	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 47.012 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

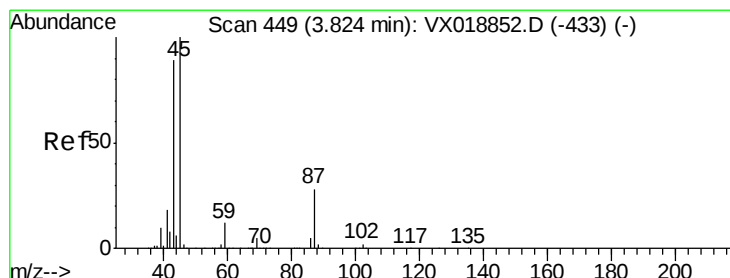
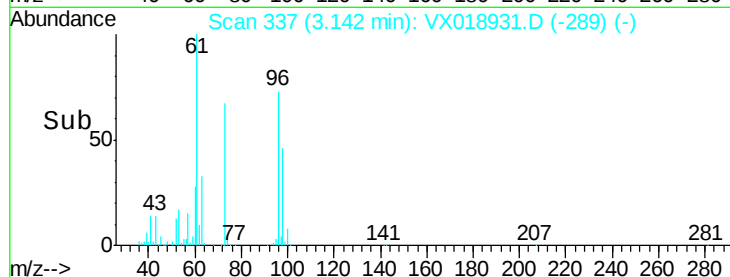
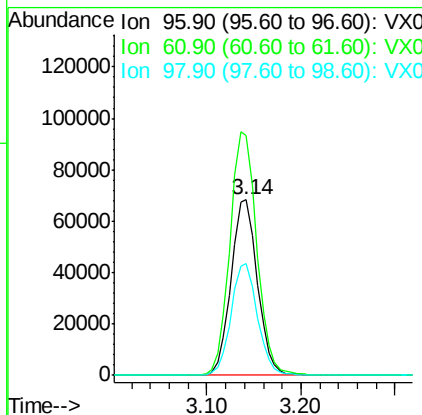
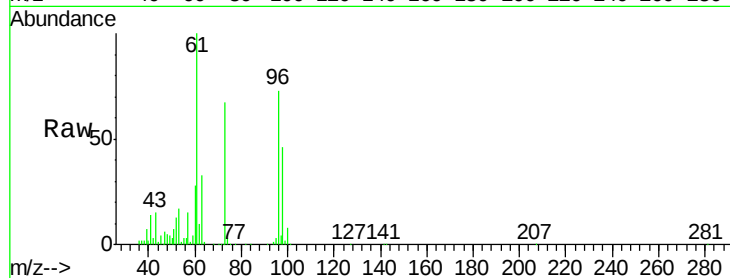
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	133647
Ion	Ratio	Lower	Upper
96	100		
61	136.7	112.0	168.0
98	63.5	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.906 ug/l

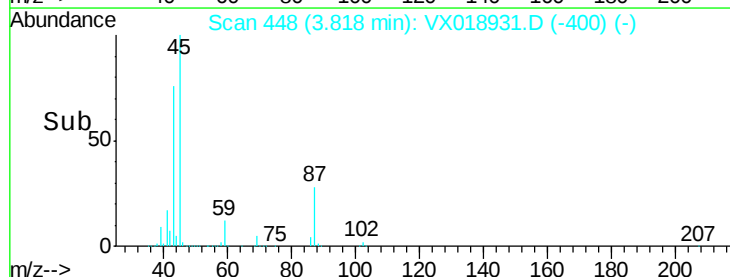
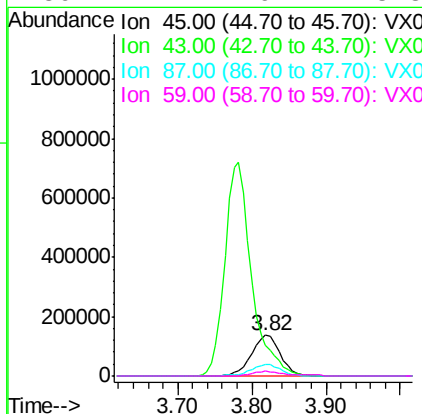
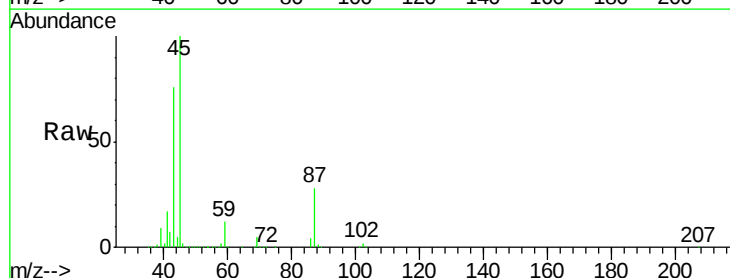
RT: 3.82 min Scan# 448

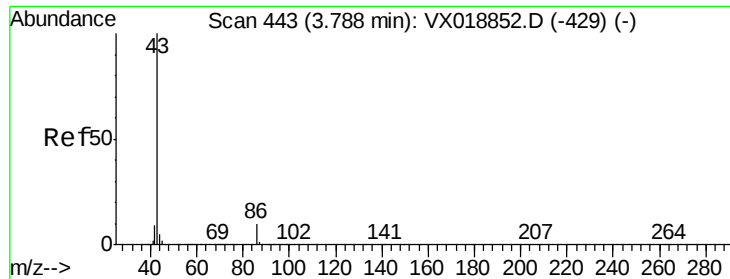
Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Tgt Ion:	45	Resp:	373051
Ion	Ratio	Lower	Upper
45	100		
43	76.2	71.2	106.8
87	28.4	22.5	33.7
59	11.7	9.2	13.8





#23

Vinyl Acetate

Concen: 236.954 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1812476

Ion Ratio Lower Upper

43 100

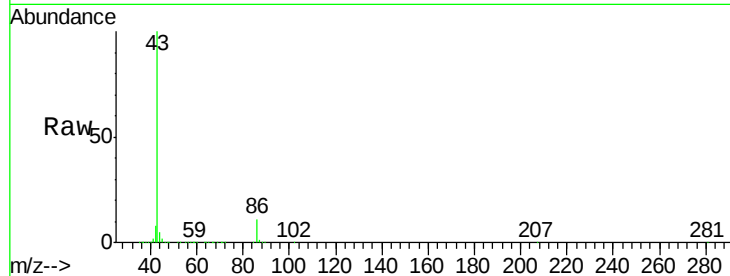
86 11.1 8.3 12.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

800000

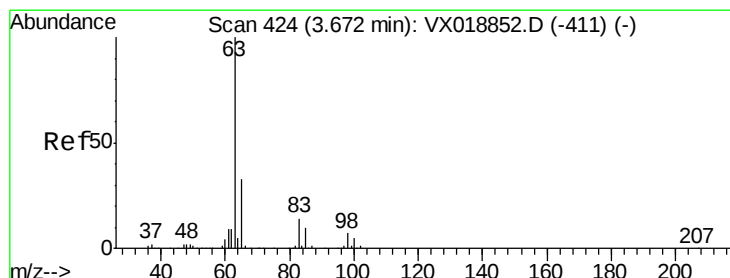
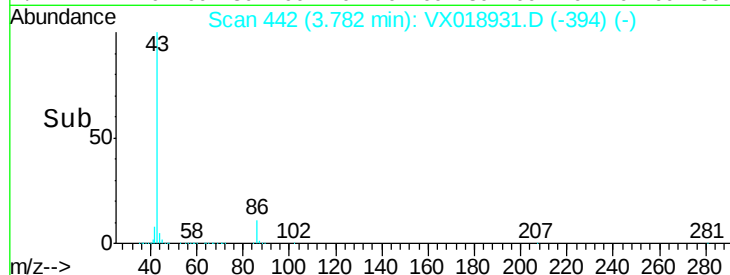
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 44.604 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

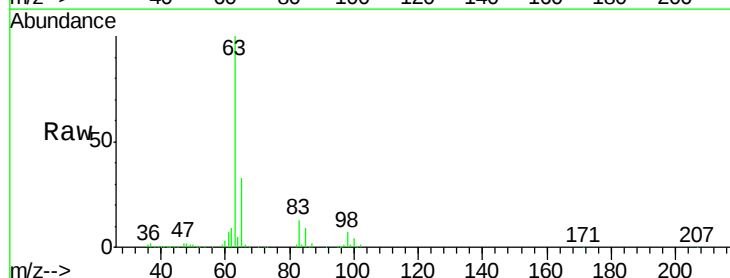
Tgt Ion: 63 Resp: 238509

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.2

100 4.0 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

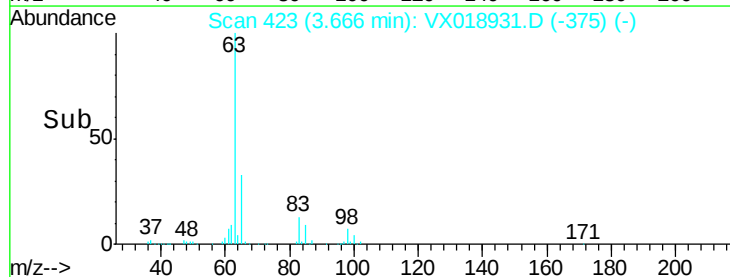
3.67

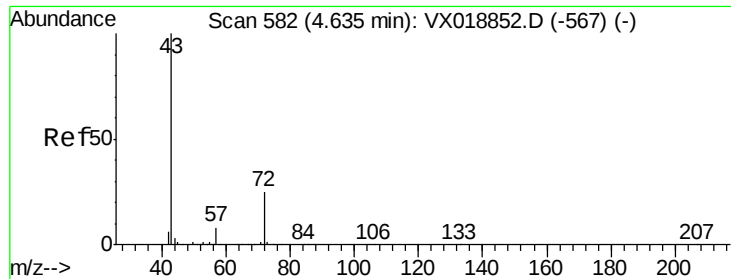
100000

50000

0

Time-->





#25

2-Butanone

Concen: 221.401 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 469403

Ion Ratio Lower Upper

43 100

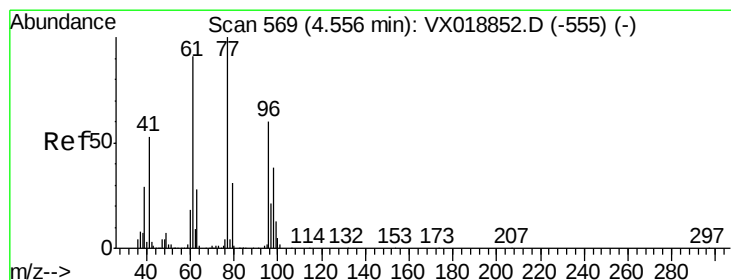
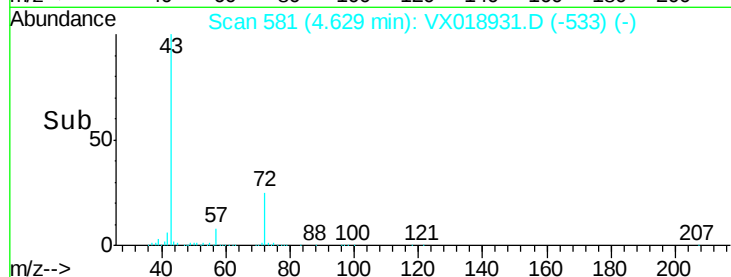
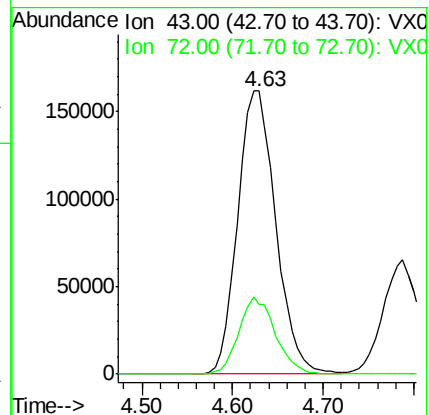
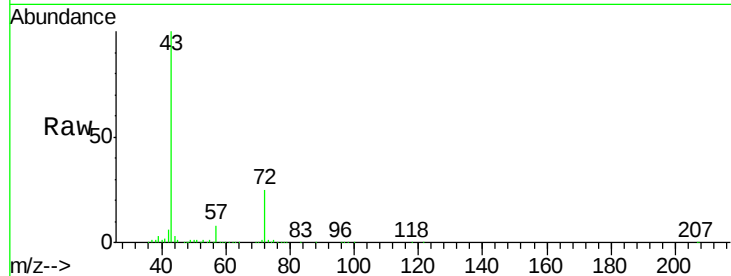
72 24.6 20.2 30.4

Manual Integrations

APPROVED

MMDadoda

10/14/2020 2:08:29 PM



#26

2,2-Dichloropropane

Concen: 44.300 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018931.D

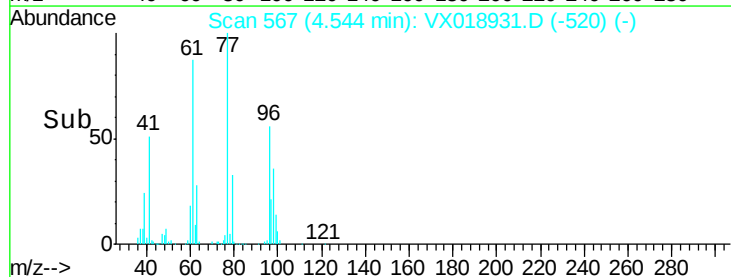
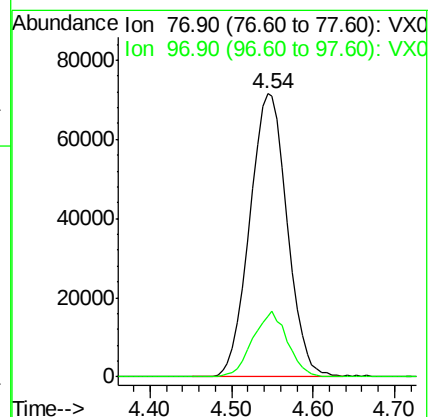
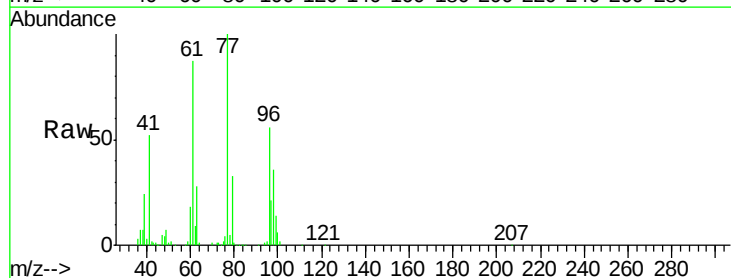
Acq: 13 Oct 2020 16:22

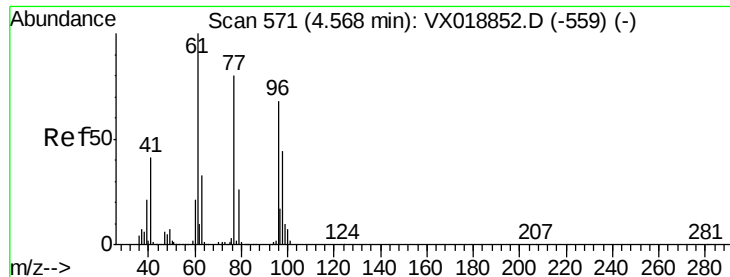
Tgt Ion: 77 Resp: 228558

Ion Ratio Lower Upper

77 100

97 21.6 10.4 31.4





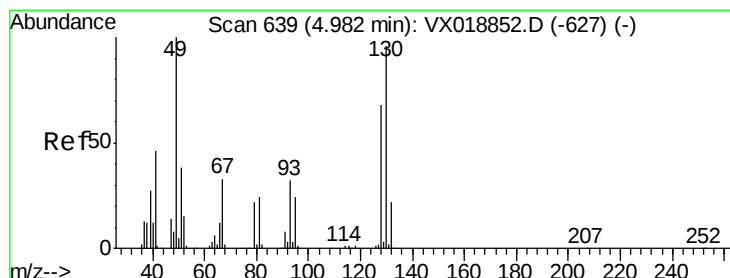
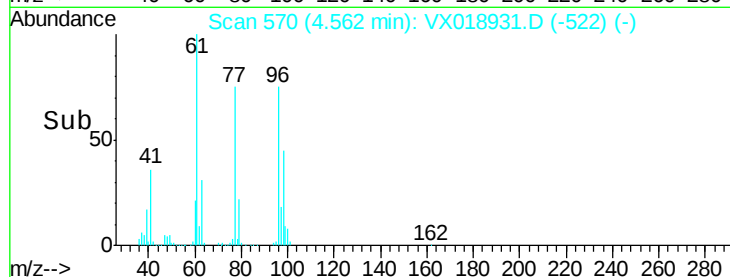
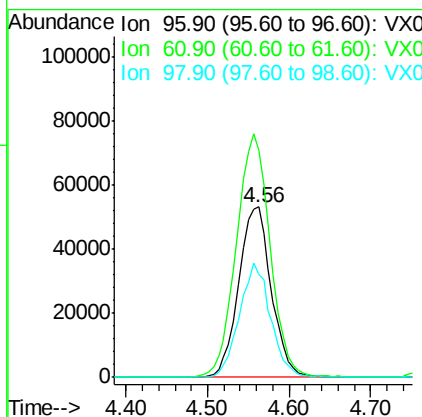
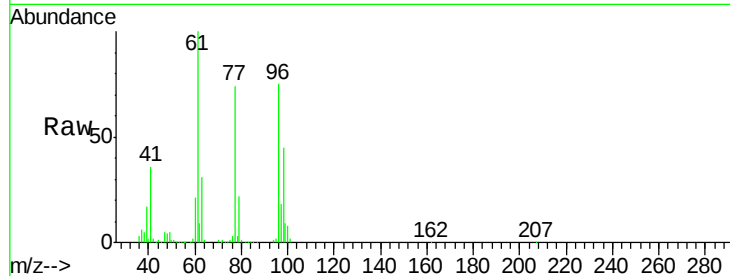
#27
 cis-1,2-Dichloroethene
 Concen: 46.567 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	147011		
61	148.5	0.0	306.8	
98	64.2	0.0	130.2	

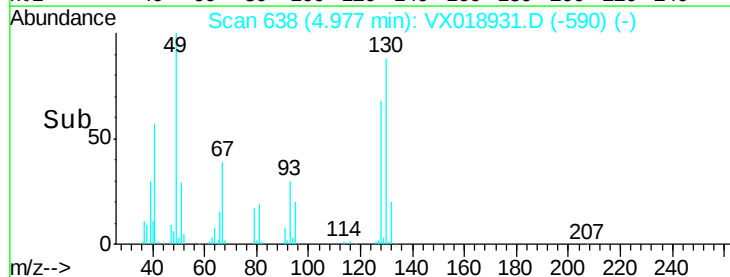
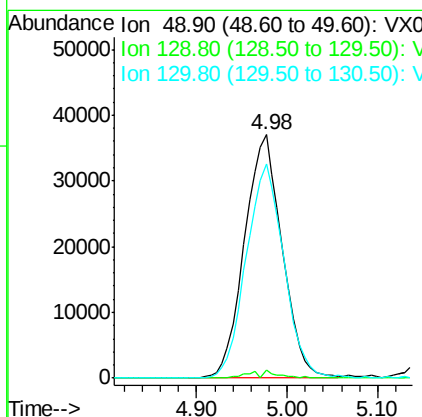
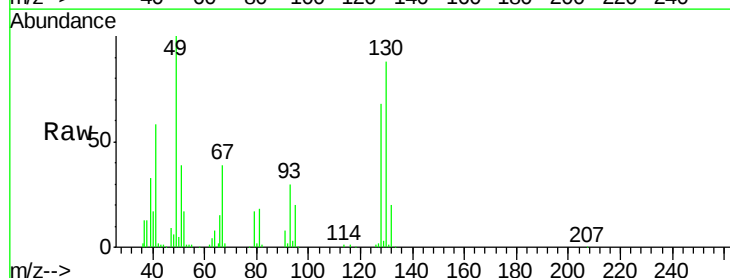
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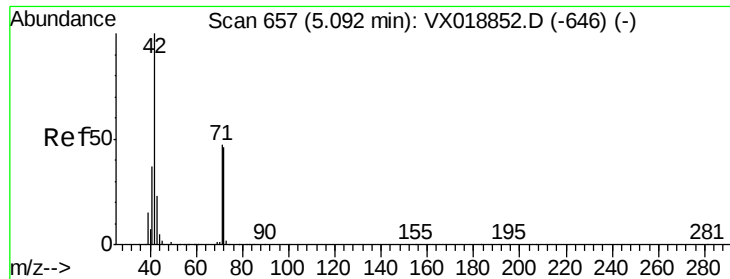
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#28
 Bromochloromethane
 Concen: 45.210 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	106416		
129	1.2	0.0	5.4	
130	88.3	71.2	106.8	





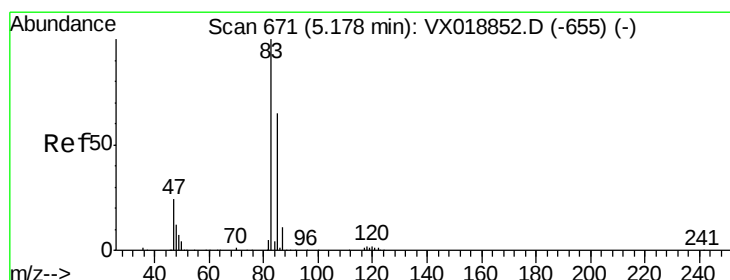
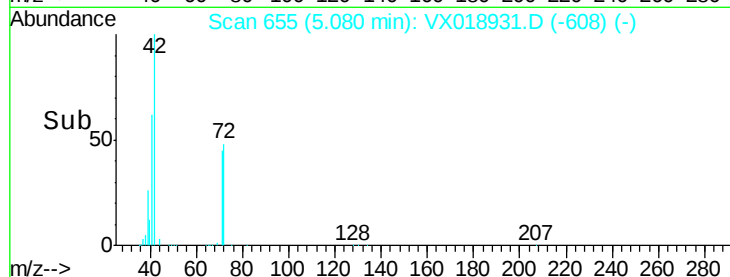
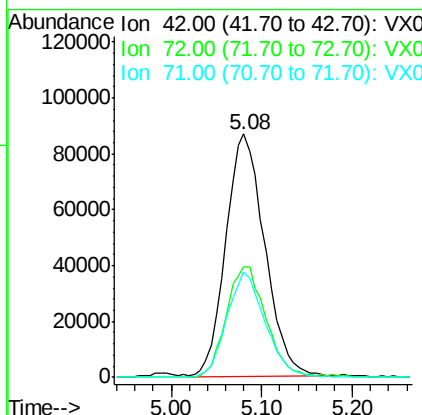
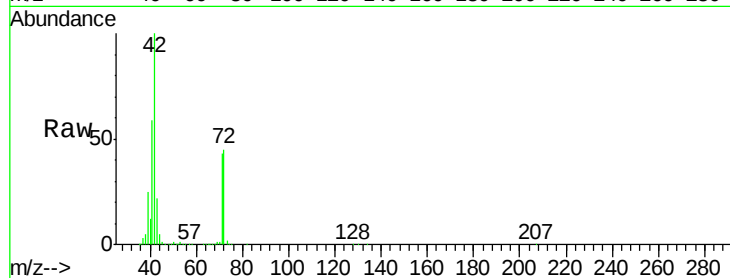
#29
Tetrahydrofuran
Concen: 226.916 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	36.4	54.6
71	43.0	35.2	52.8

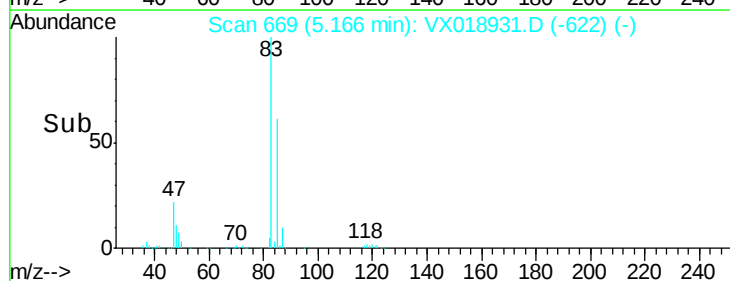
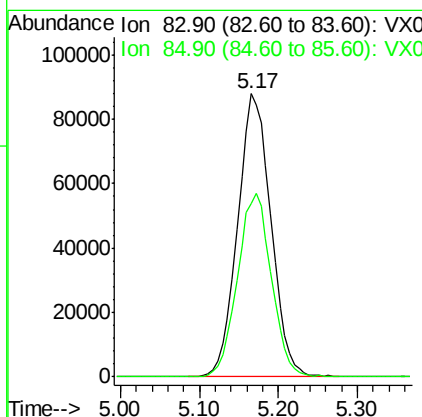
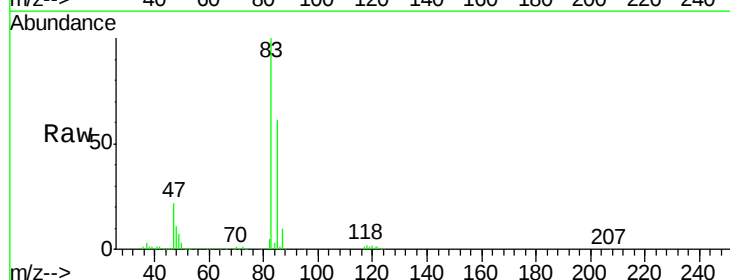
Manual Integrations
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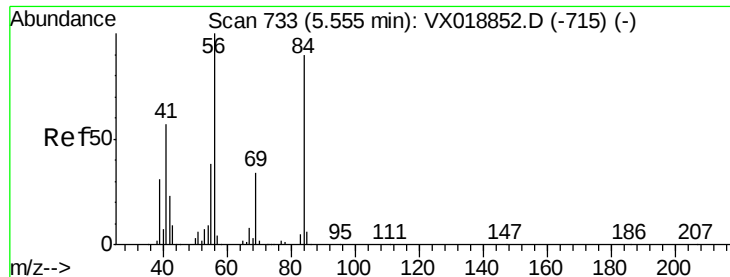
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#30
Chloroform
Concen: 43.799 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.8	77.8





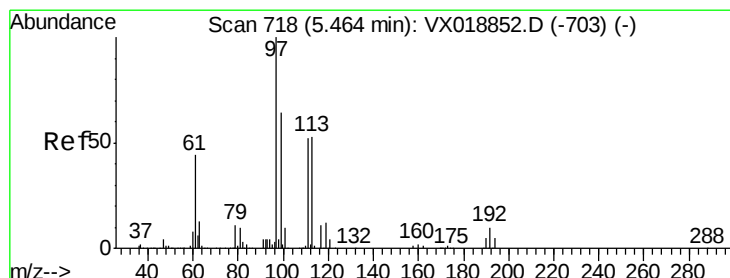
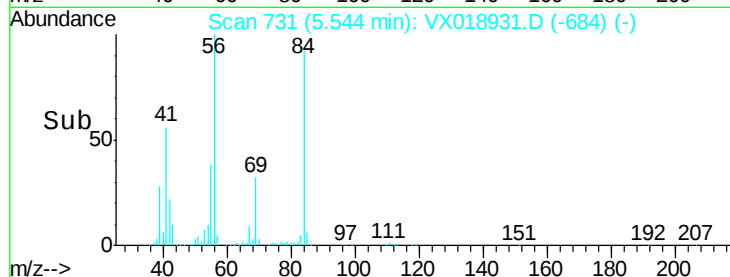
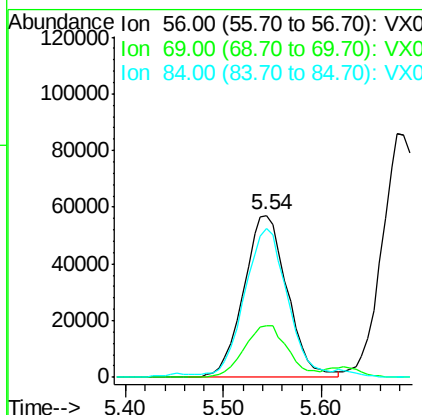
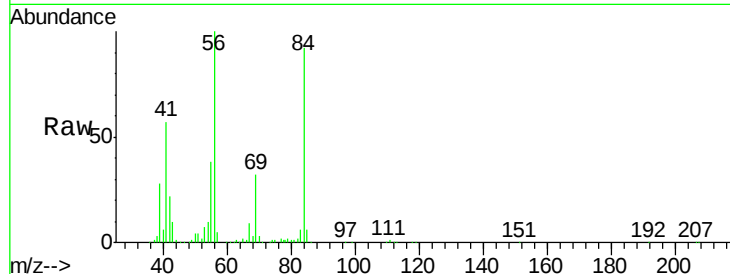
#31
Cvclohexane
Concen: 48.282 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	27.1	40.7
84	89.9	71.7	107.5

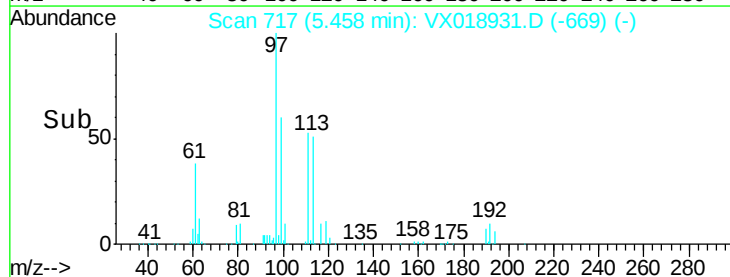
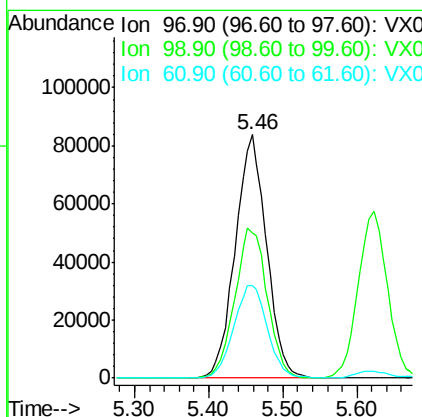
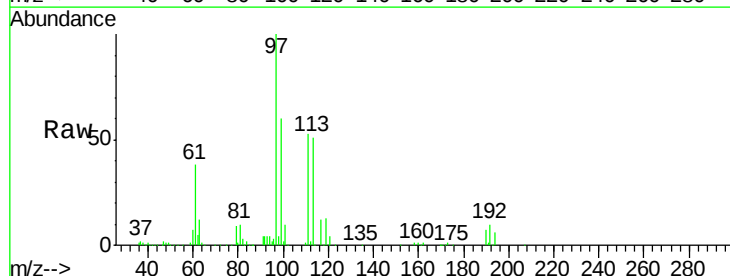
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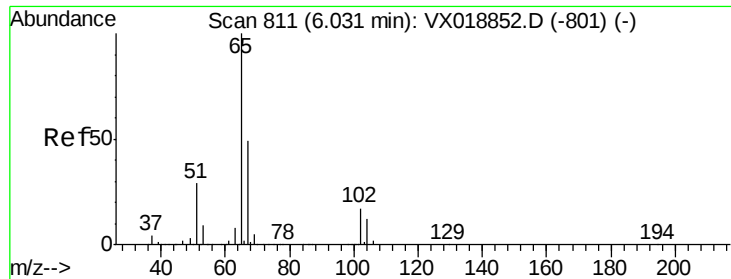
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#32
1,1,1-Trichloroethane
Concen: 44.101 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.1	78.1
61	41.0	35.3	52.9





#33

1,2-Dichloroethane-d4

Concen: 41.598 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 162829

Ion Ratio Lower Upper

65 100

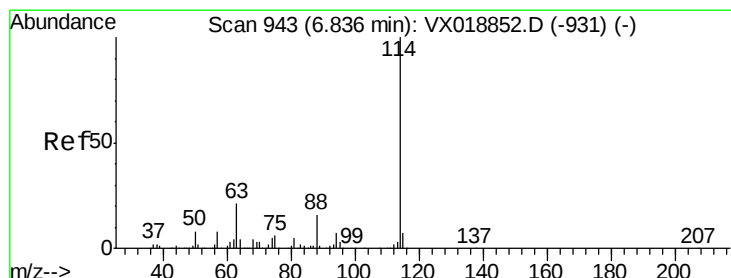
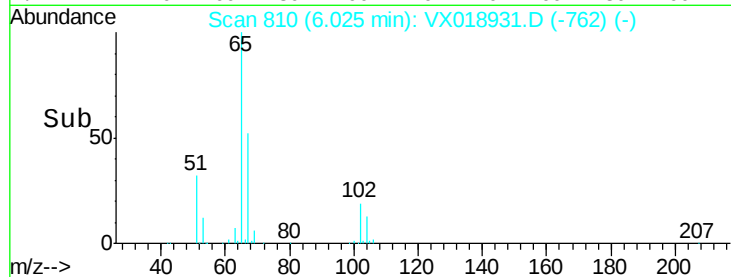
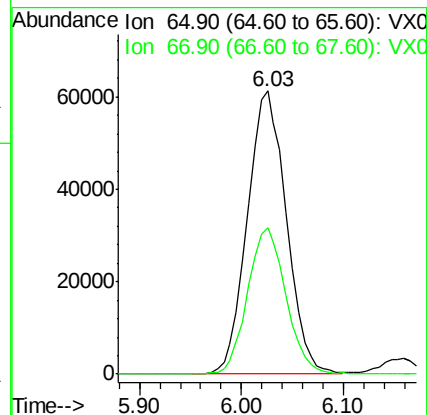
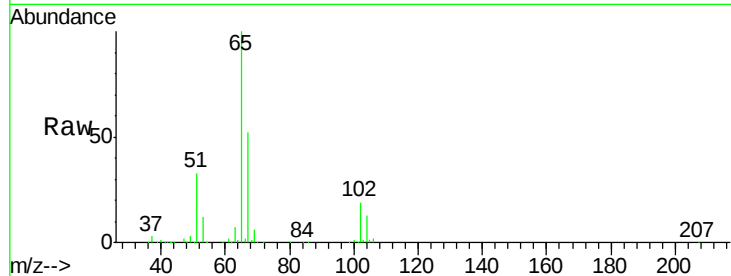
67 50.9 0.0 97.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

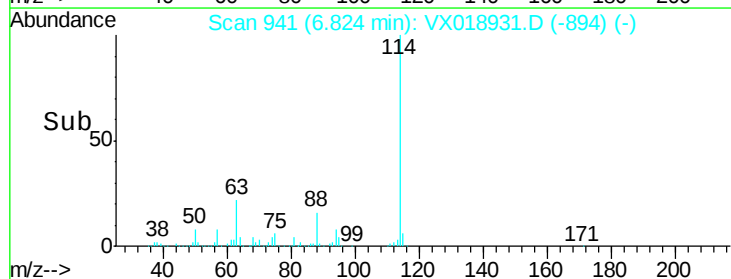
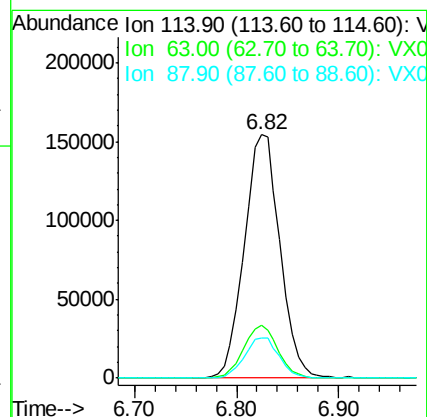
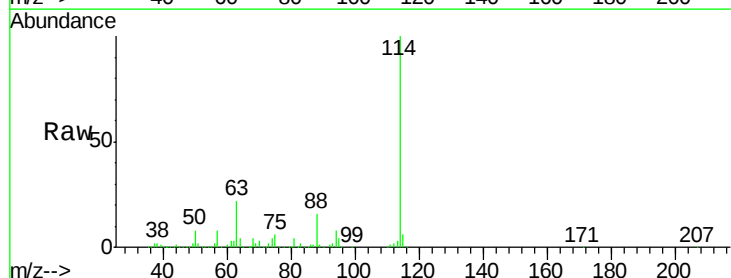
Tgt Ion: 114 Resp: 374612

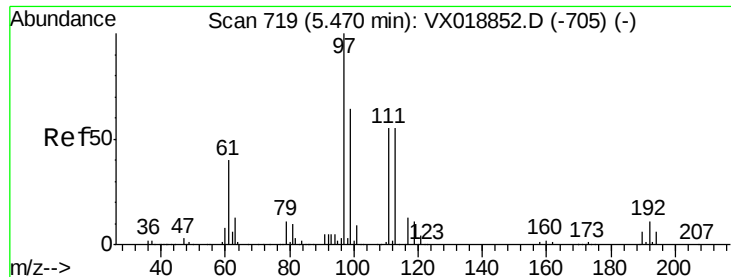
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.347 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

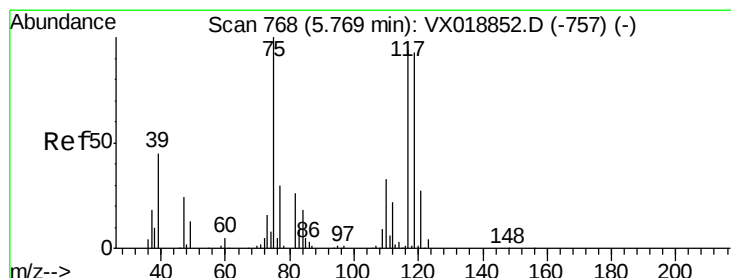
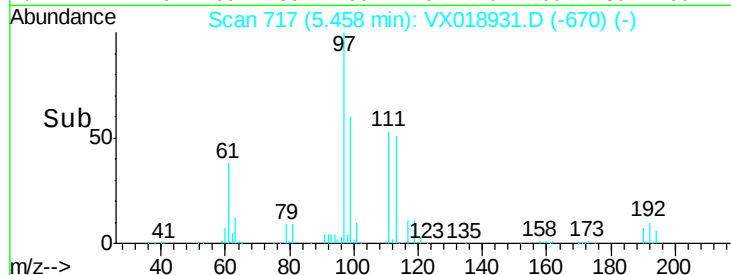
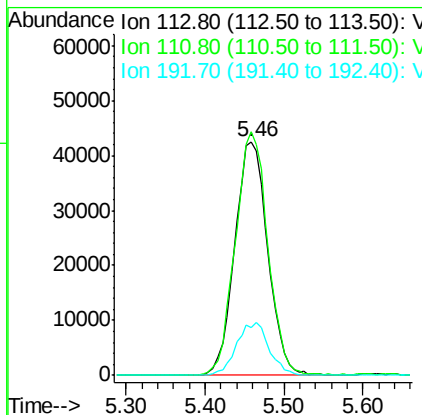
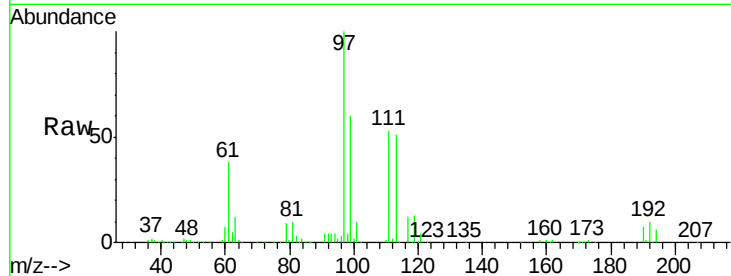
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	123734
Ion Ratio	Lower	Upper	
113	100		
111	103.0	80.1	120.1
192	22.4	16.0	24.0

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#36

1,1-Dichloropropene

Concen: 48.005 ug/l

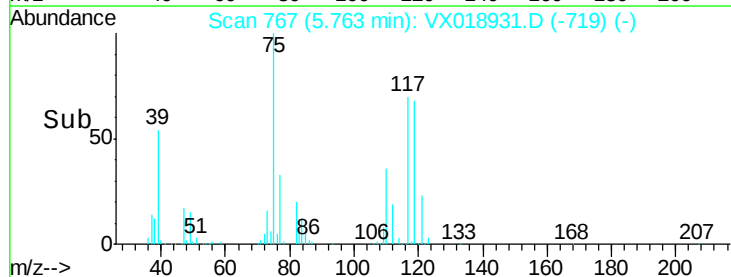
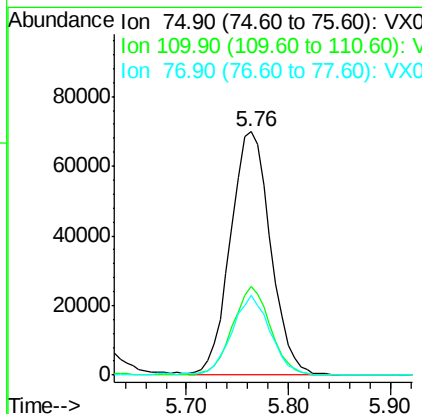
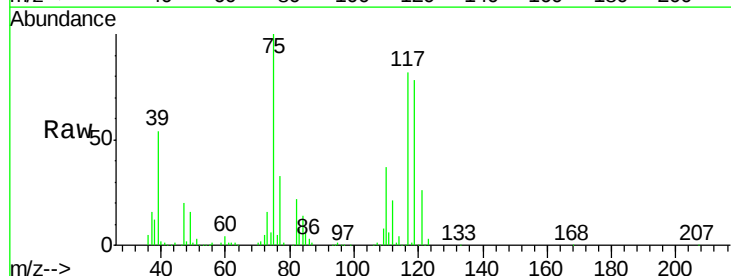
RT: 5.76 min Scan# 767

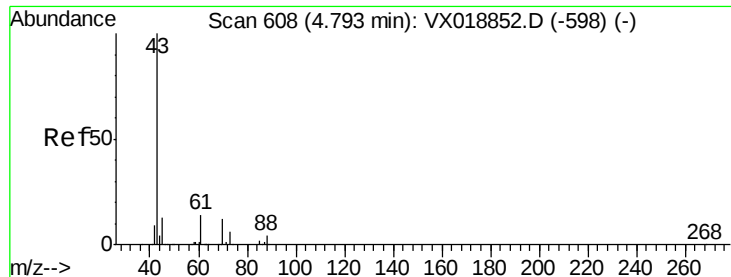
Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Tgt Ion:	75	Resp:	189076
Ion Ratio	Lower	Upper	
75	100		
110	34.8	17.8	53.5
77	31.1	24.2	36.4





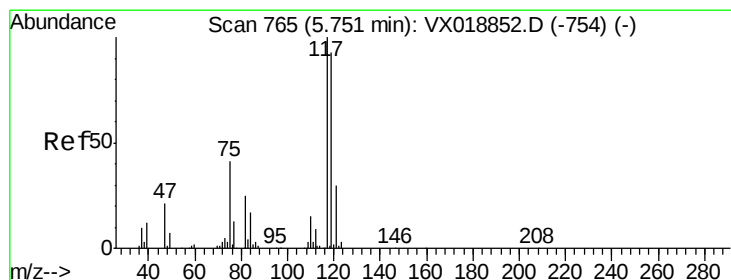
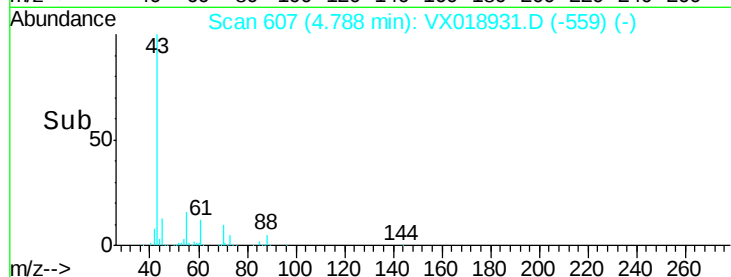
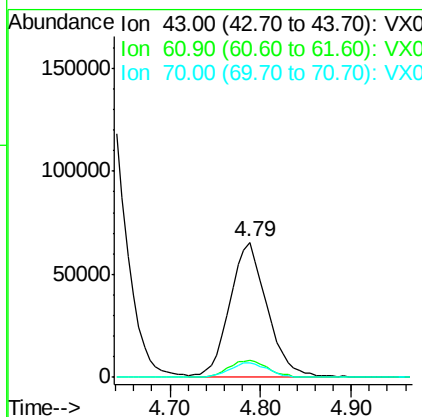
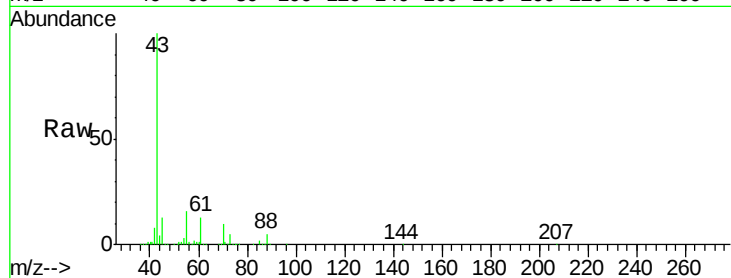
#37
Ethyl Acetate
Concen: 48.536 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.9	16.3
70	11.2	8.6	13.0

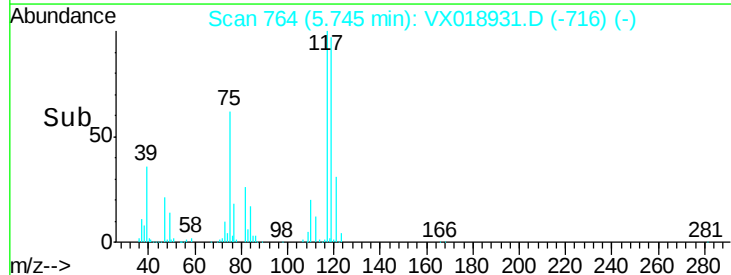
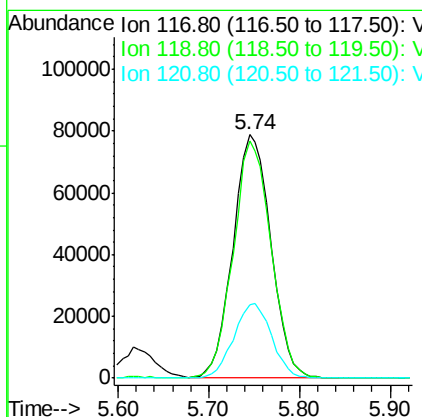
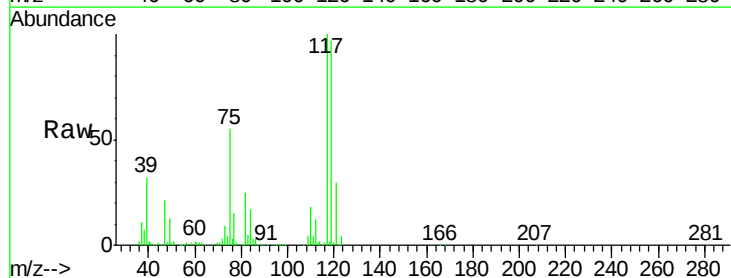
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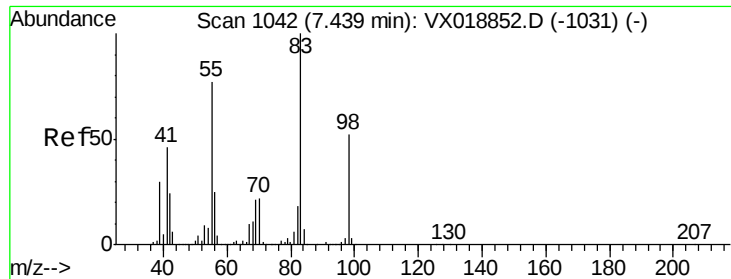
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#38
Carbon Tetrachloride
Concen: 46.740 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	73.9	110.9
121	30.4	23.6	35.4





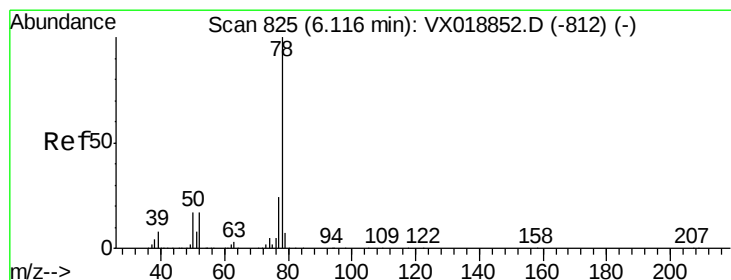
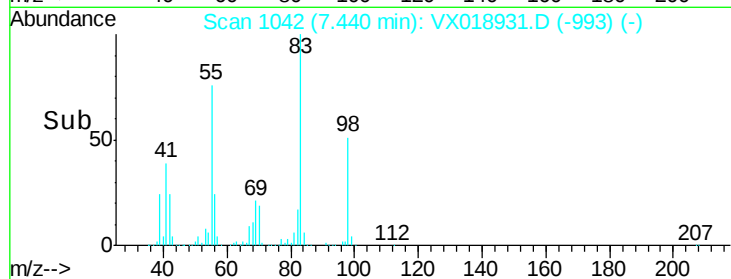
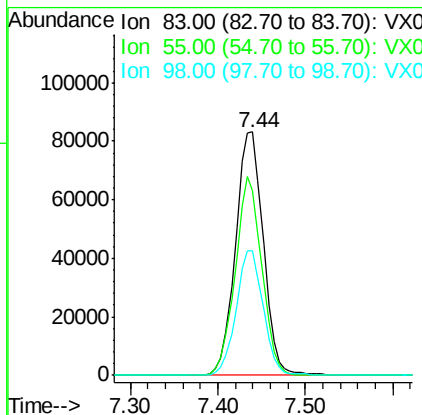
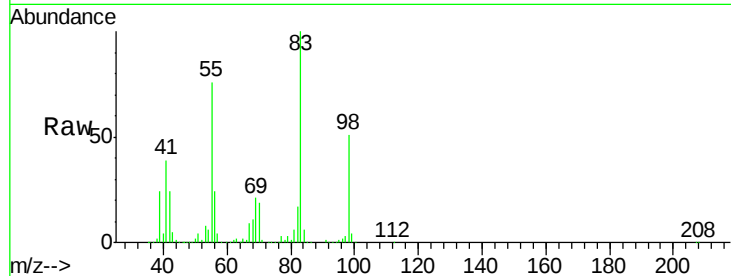
#39
Methvlcvclohexane
Concen: 50.567 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	183596		
55	75.7		61.8	92.6
98	51.3		41.4	62.0

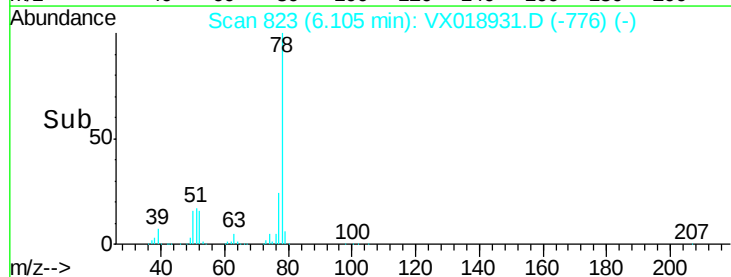
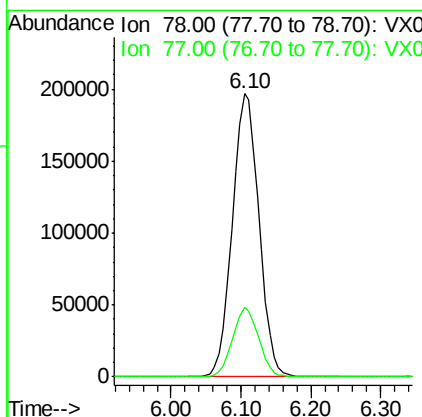
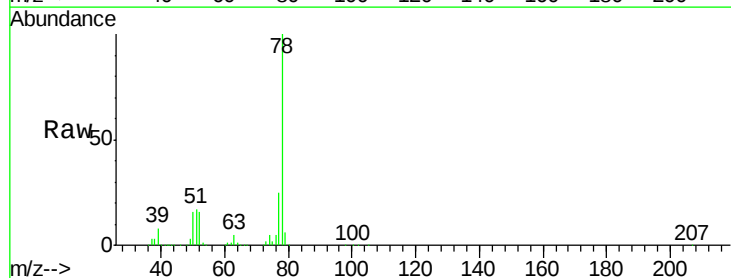
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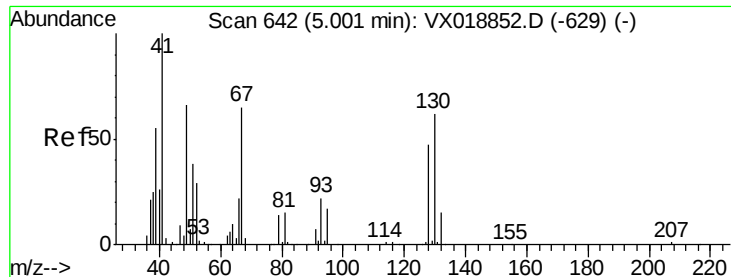
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#40
Benzene
Concen: 49.154 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	520132		
77	24.7		19.1	28.7





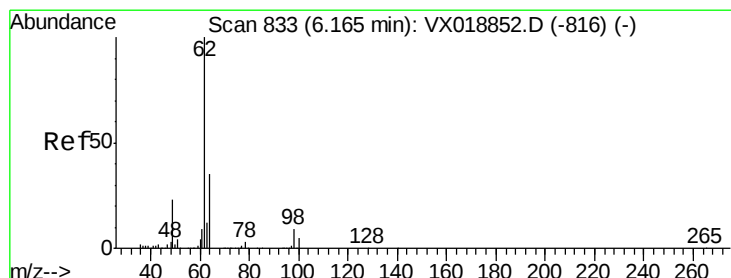
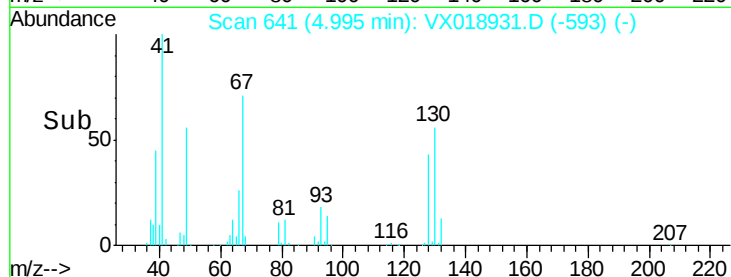
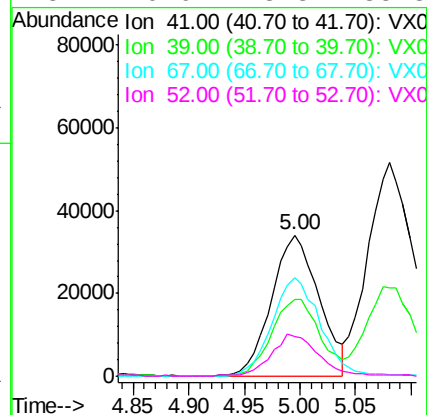
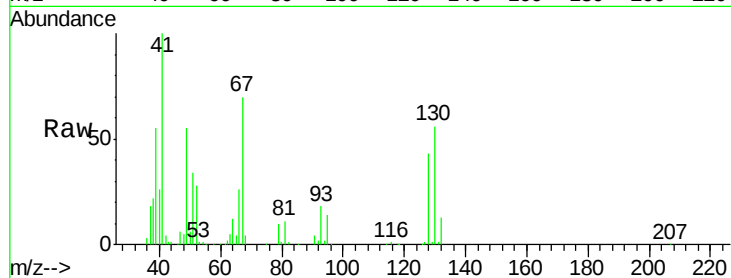
#41
Methacrylonitrile
Concen: 45.774 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.9	45.4	68.2	
67	71.2	55.4	83.2	
52	29.9	23.8	35.8	

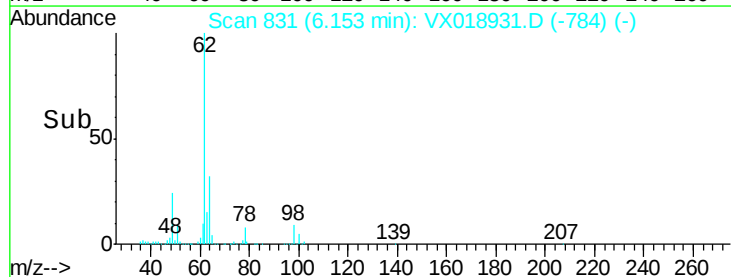
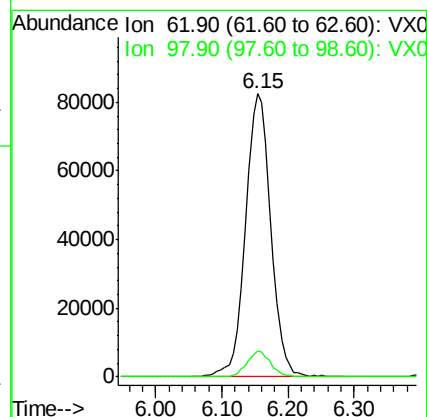
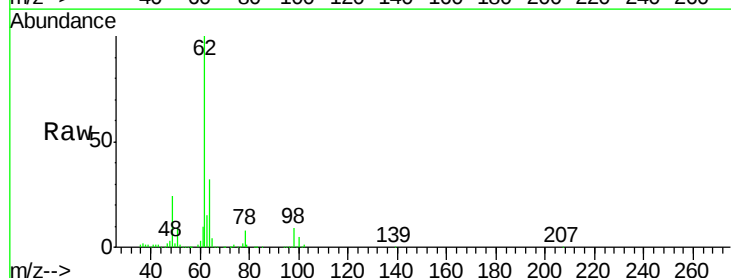
Manual Integrations
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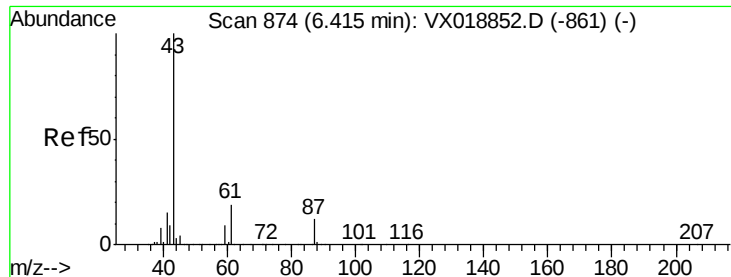
MMDadoda
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#42
1,2-Dichloroethane
Concen: 44.193 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	16.4	





#43

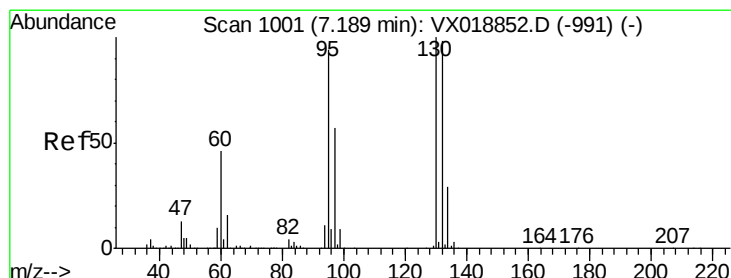
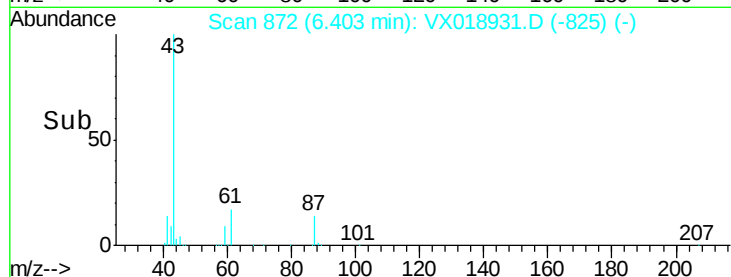
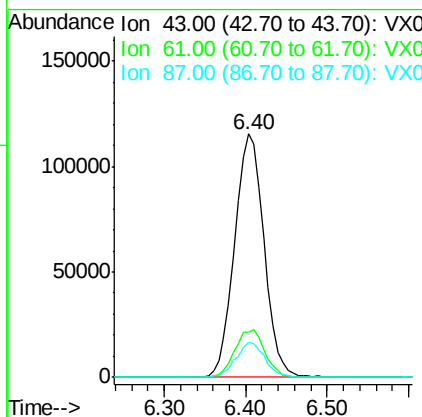
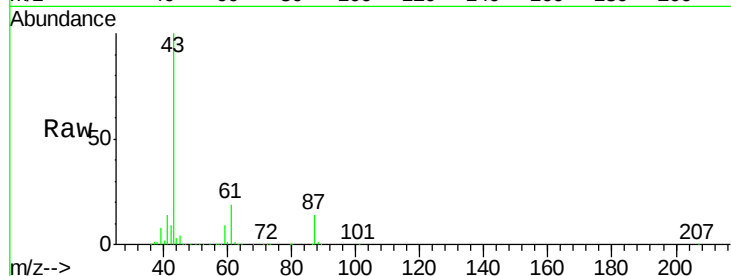
Isopropyl Acetate
 Concen: 45.457 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.5	23.3
87	14.2	10.8	16.2

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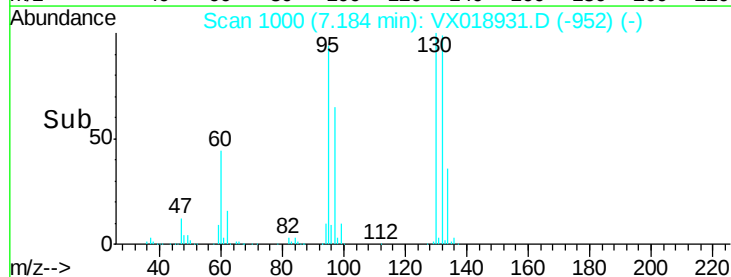
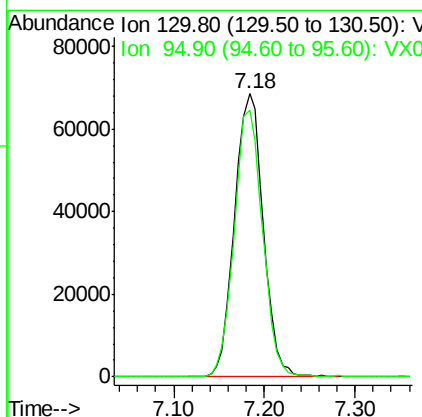
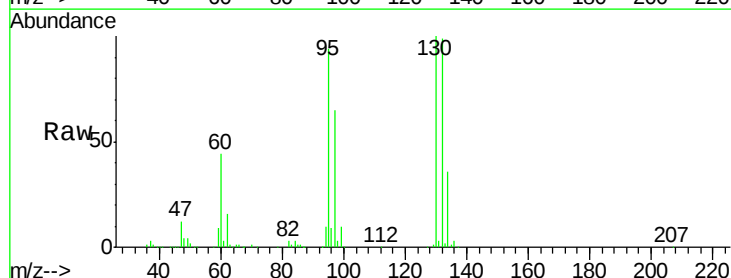
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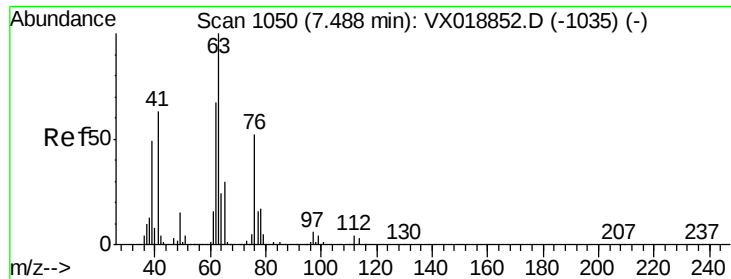


#44

Trichloroethene
 Concen: 47.543 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	188.4





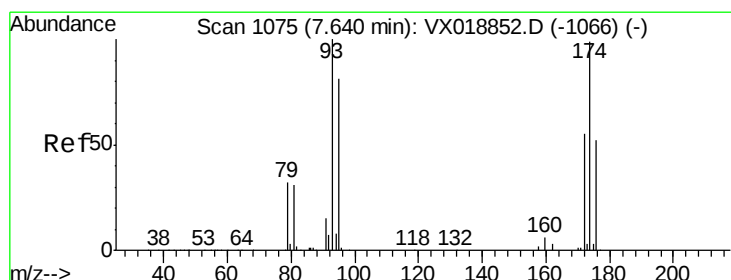
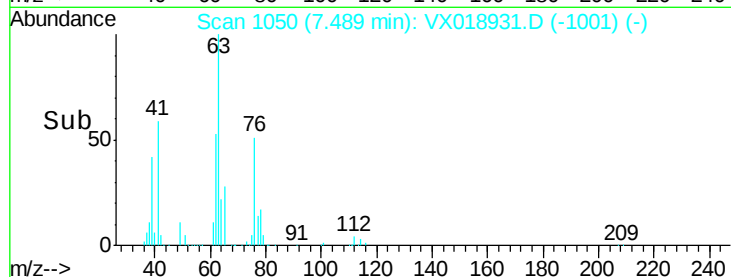
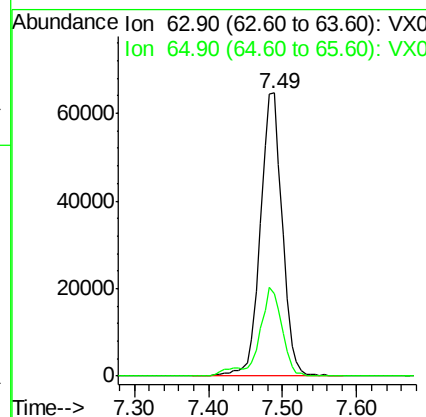
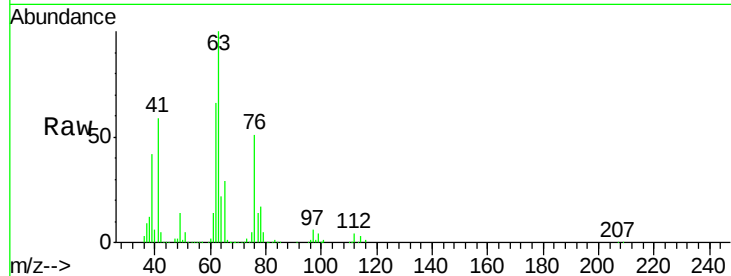
#45
 1,2-Dichloropropane
 Concen: 47.866 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.1	24.2	36.4

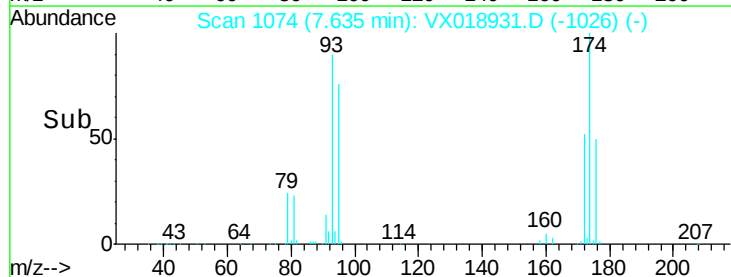
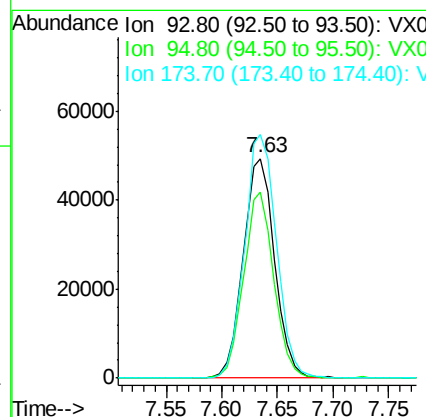
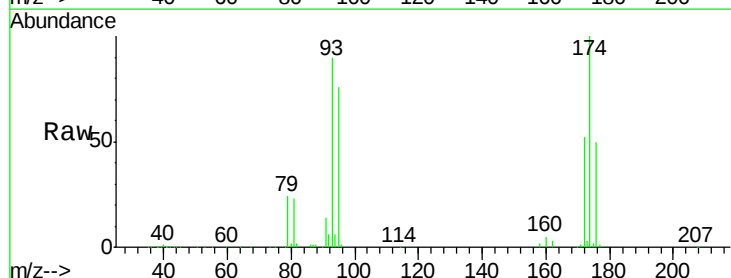
Manual Integrations
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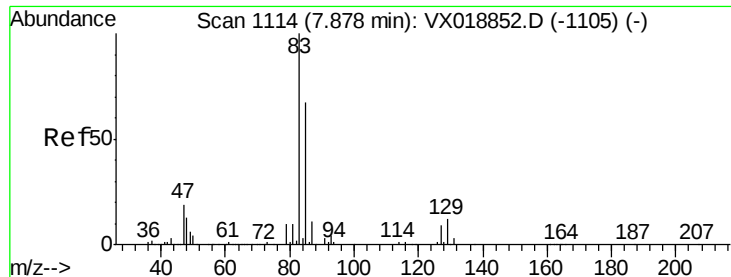
MMDadoda
 10/14/2020 2:08:29 PM



#46
 Dibromomethane
 Concen: 46.878 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.2	66.1	99.1
174	112.7	84.6	127.0





#47

Bromodichloromethane

Concen: 46.624 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

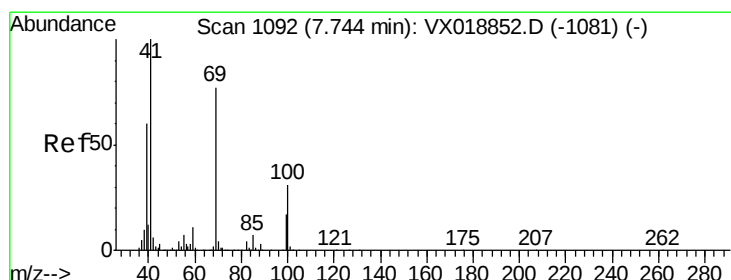
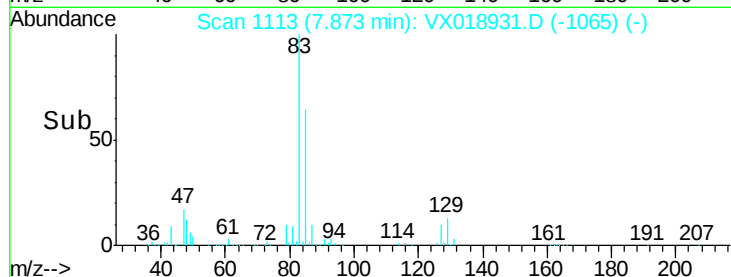
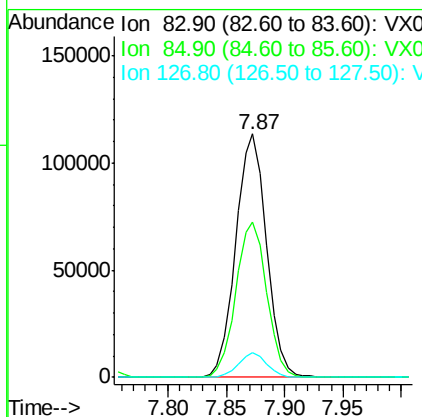
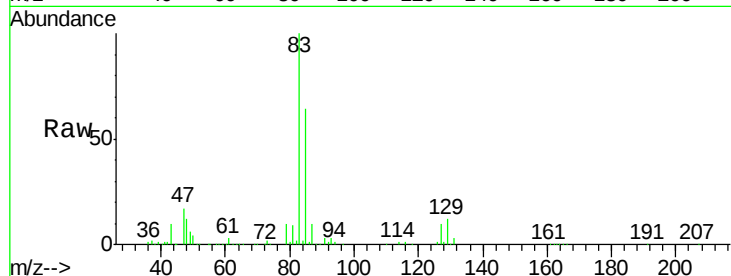
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	209056
Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.8	80.6
127	10.2	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.108 ug/l

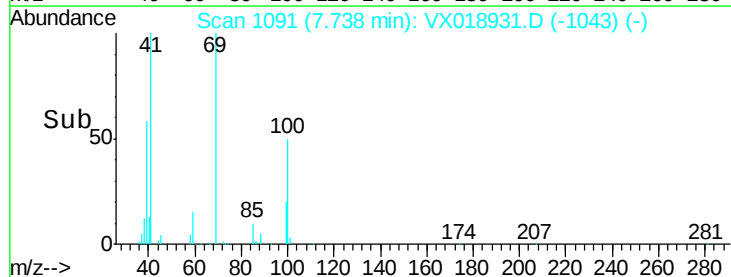
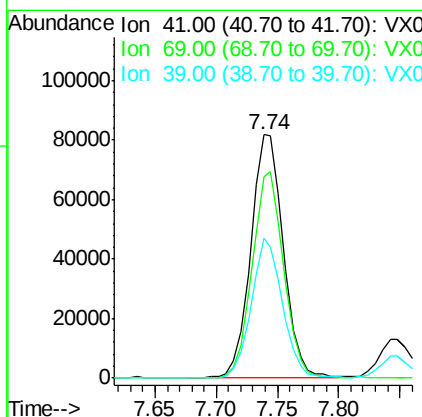
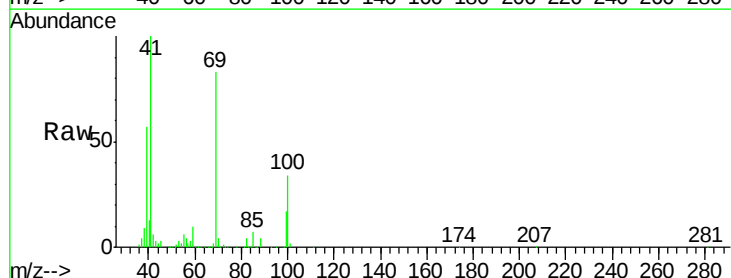
RT: 7.74 min Scan# 1091

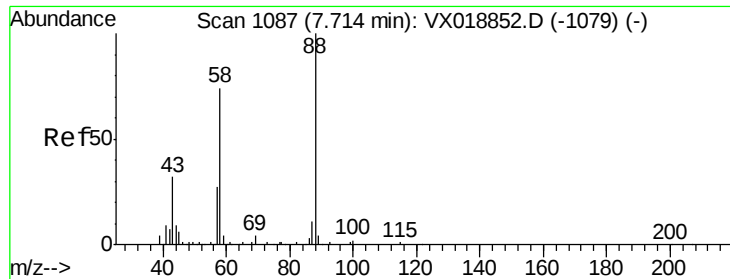
Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Tgt Ion:	41	Resp:	151095
Ion	Ratio	Lower	Upper
41	100		
69	82.6	64.6	97.0
39	54.9	48.6	73.0





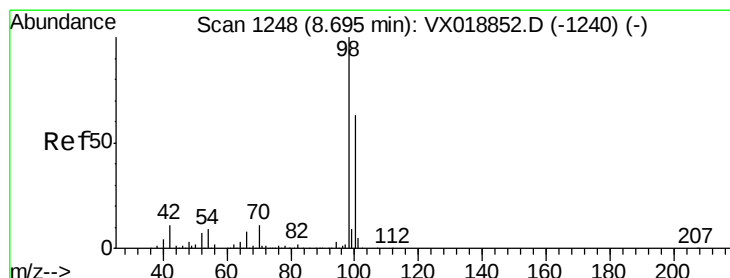
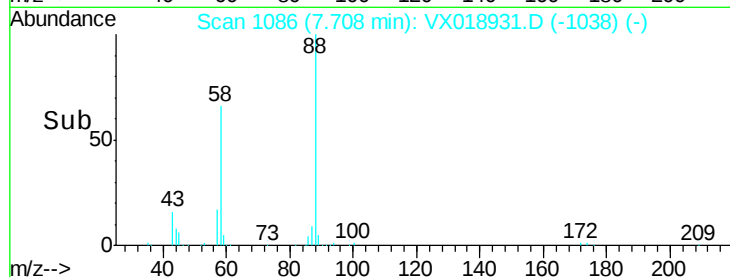
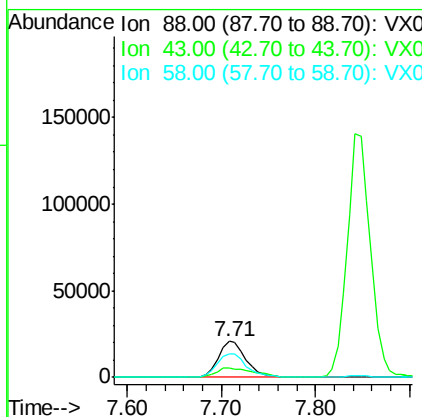
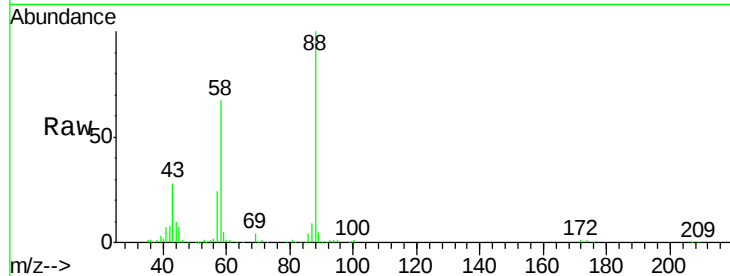
#49
1,4-Dioxane
Concen: 944.913 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	31.0	46.6
58	72.0	59.3	88.9

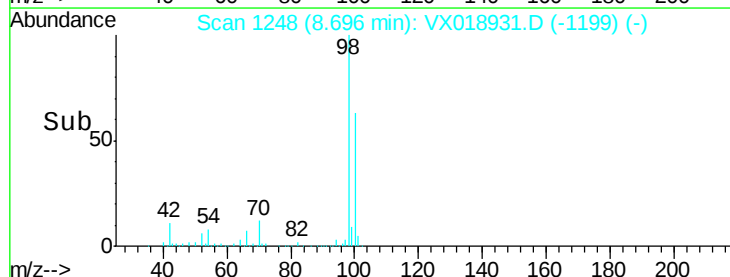
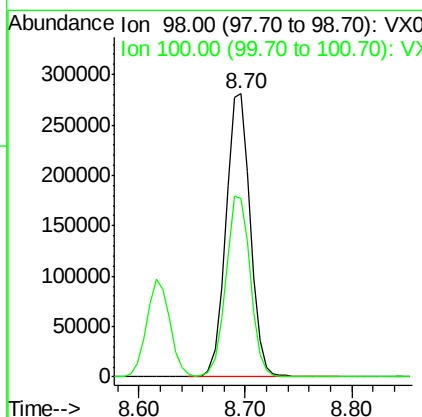
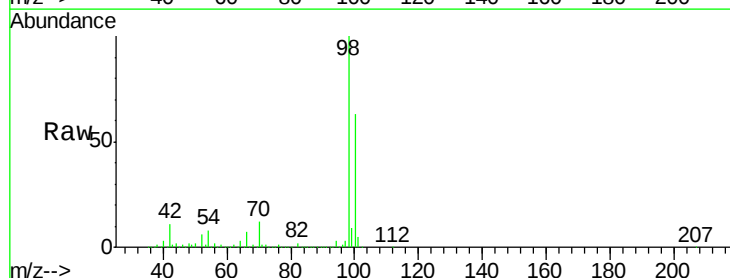
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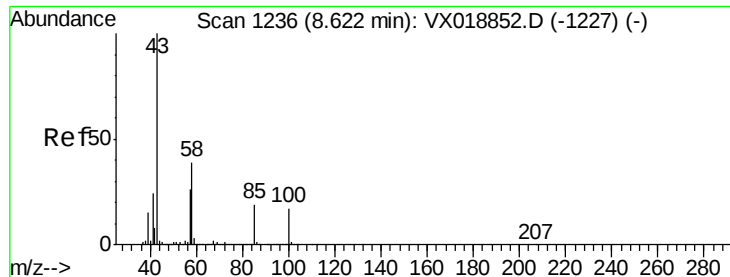
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#50
Toluene-d8
Concen: 48.355 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 241.823 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 892174

Ion Ratio Lower Upper

43 100

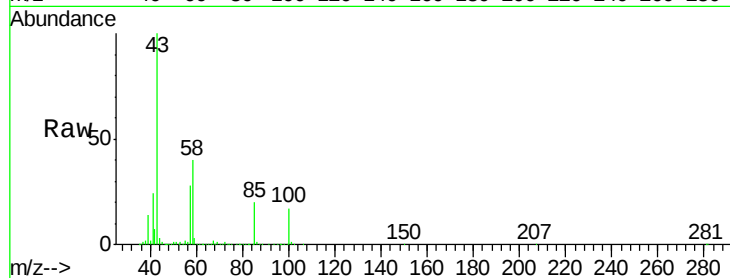
58 39.5 30.9 46.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

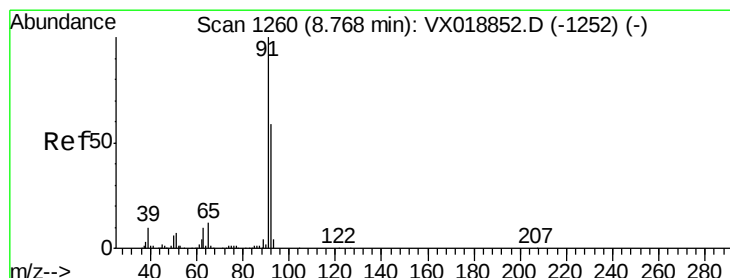
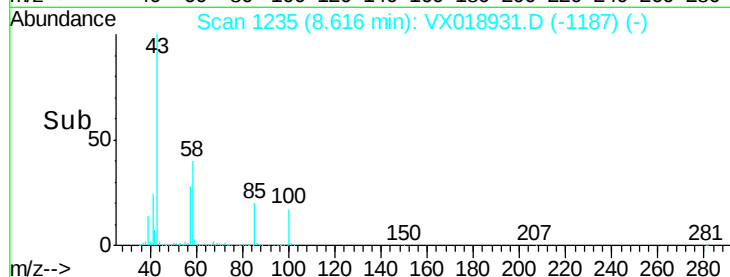
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.965 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018931.D

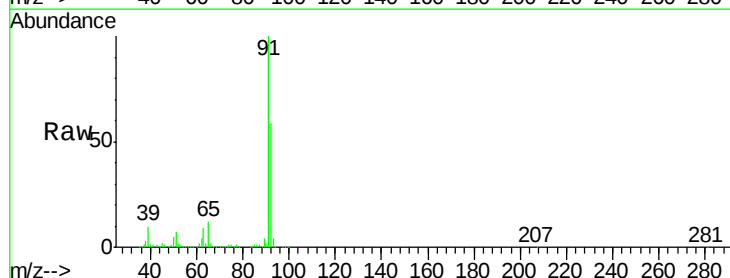
Acq: 13 Oct 2020 16:22

Tgt Ion: 92 Resp: 339302

Ion Ratio Lower Upper

92 100

91 169.8 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

400000

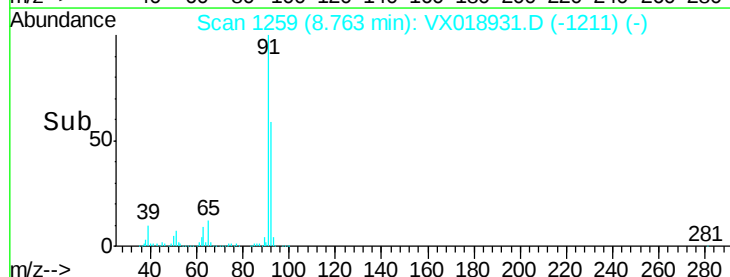
300000

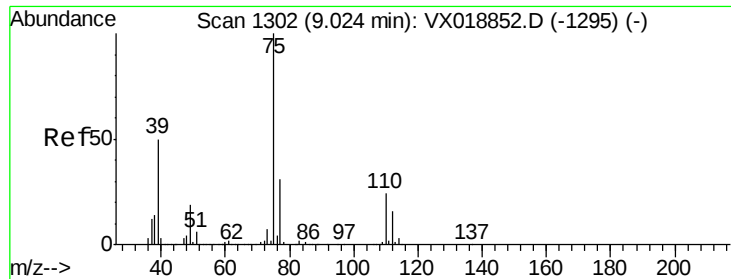
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.145 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 228171

Ion Ratio Lower Upper

75 100

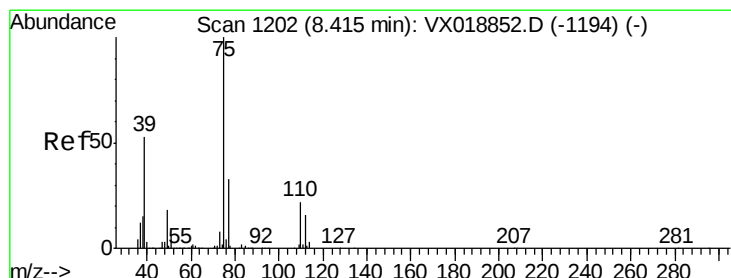
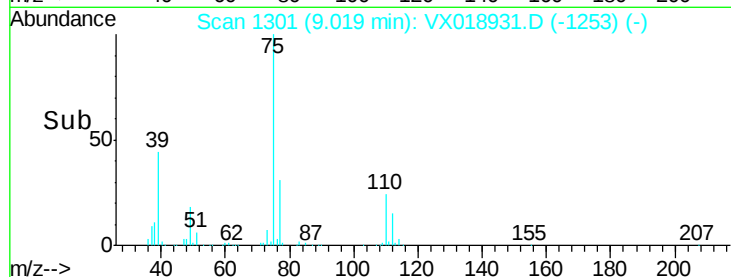
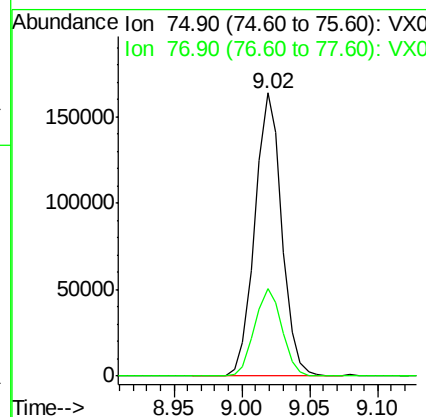
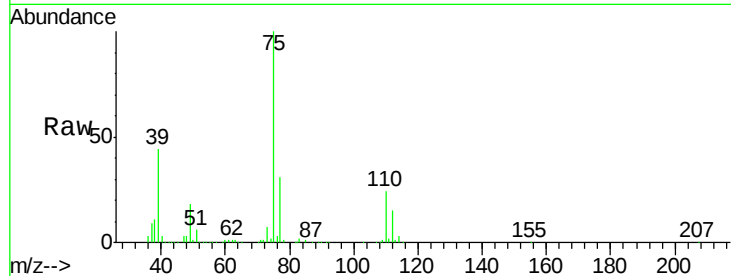
77 31.1 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 49.894 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

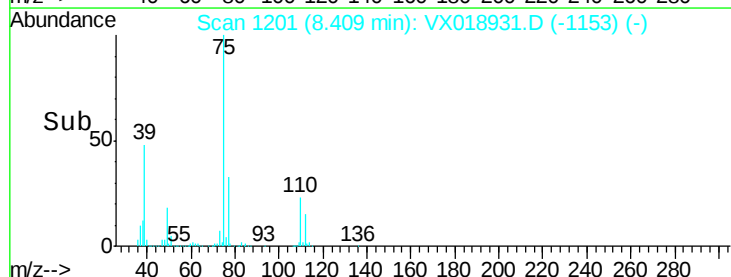
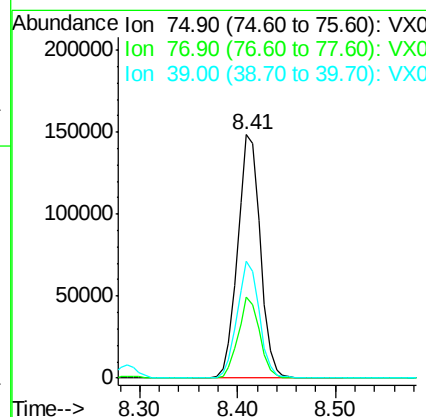
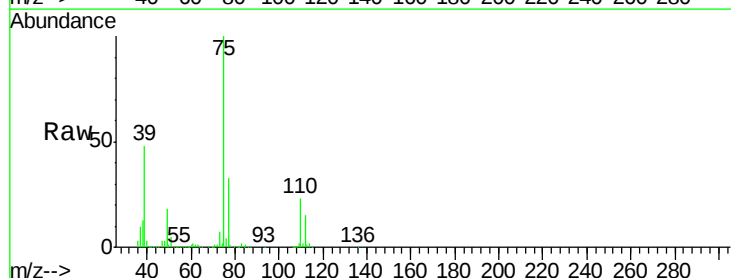
Tgt Ion: 75 Resp: 238295

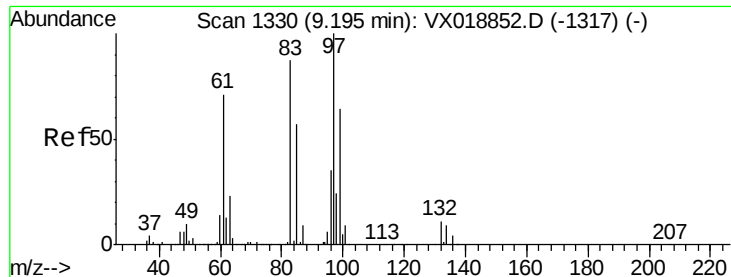
Ion Ratio Lower Upper

75 100

77 33.4 26.6 39.8

39 48.1 42.6 64.0





#55

1,1,2-Trichloroethane

Concen: 47.592 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

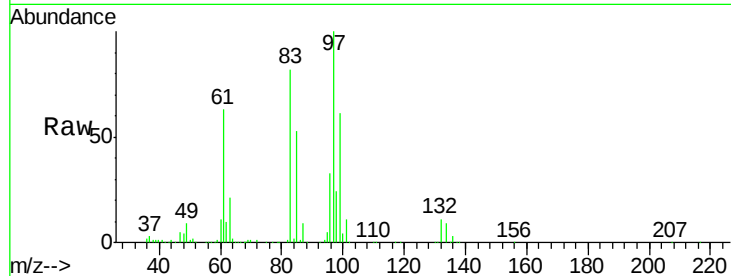
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		138820		
83	82.2	69.3	103.9		
85	53.1	45.3	67.9		
99	61.3	51.0	76.6		

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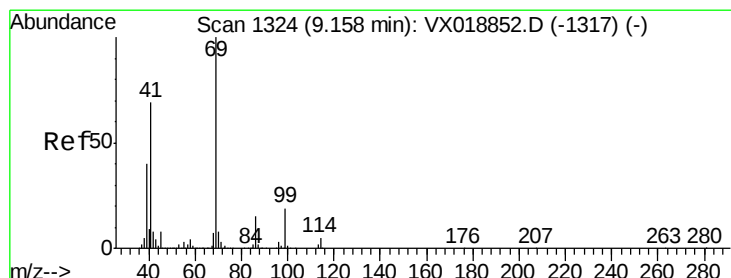
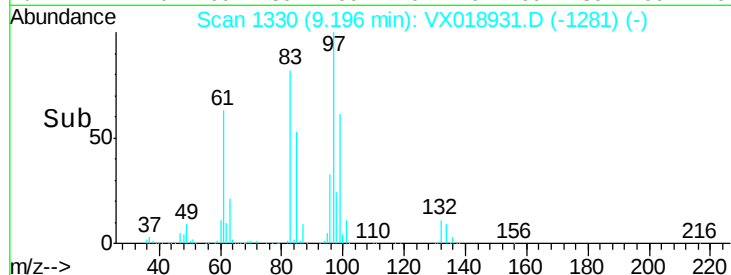
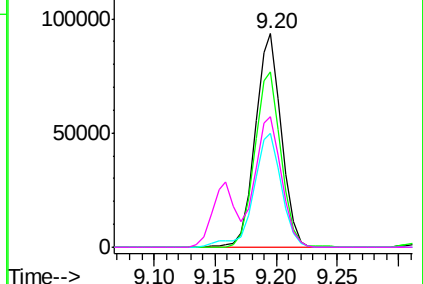


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 46.114 ug/l

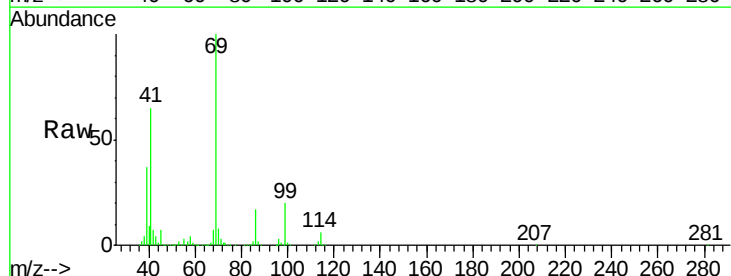
RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

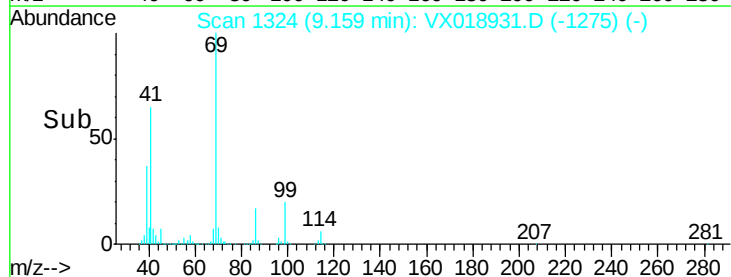
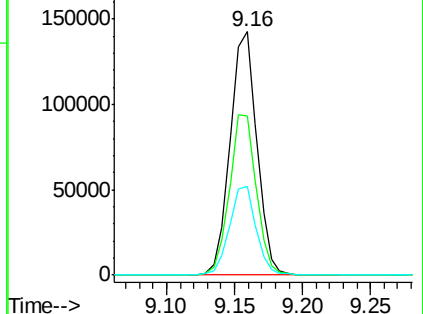
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		195322		
41	65.8	54.6	81.8		
39	36.4	31.5	47.3		

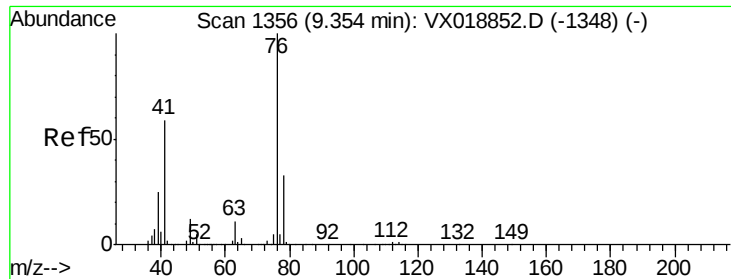


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





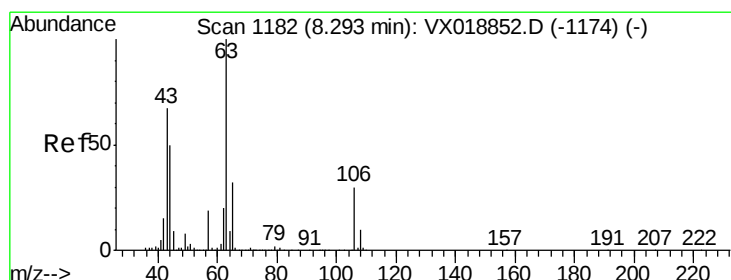
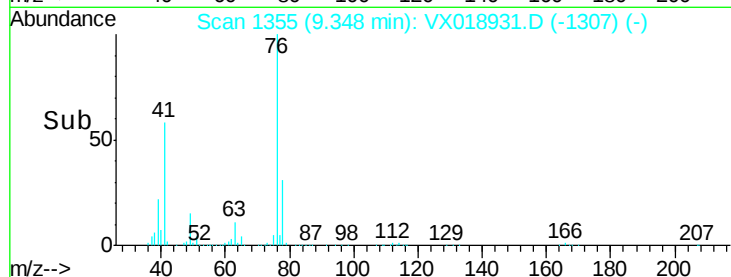
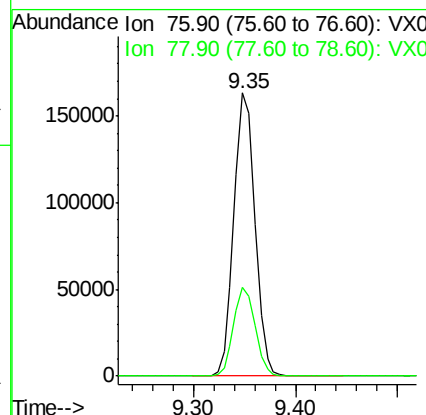
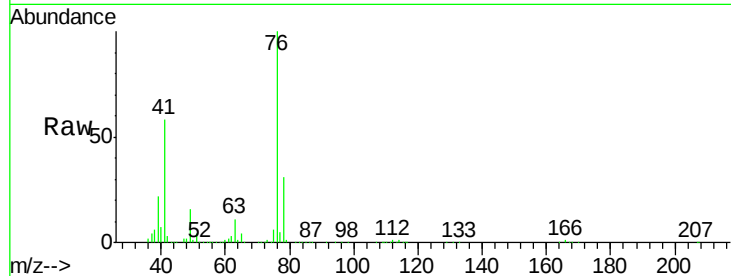
#57
 1,3-Dichloropropane
 Concen: 49.332 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 233485
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.2 39.2

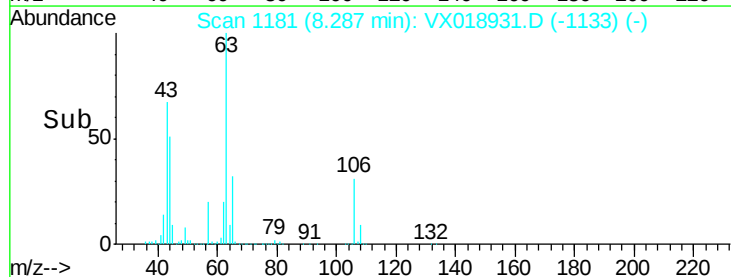
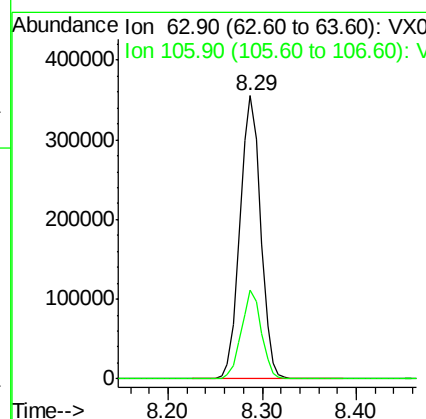
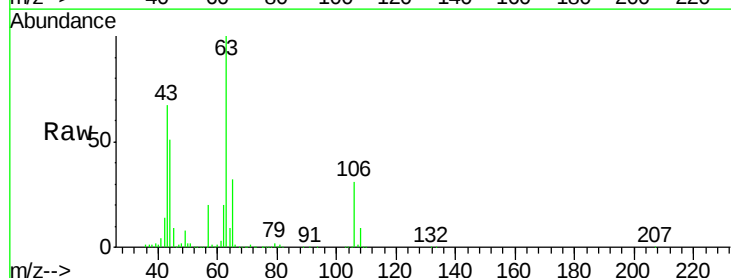
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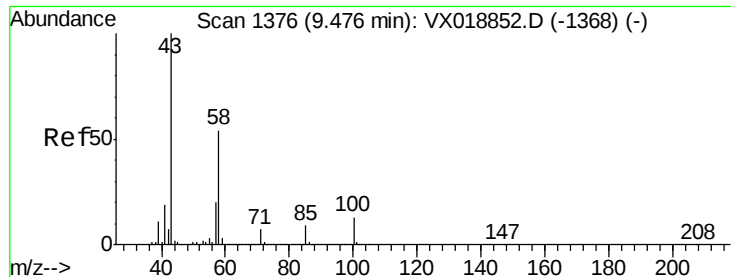
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 256.999 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Tgt Ion: 63 Resp: 542369
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.2 36.4





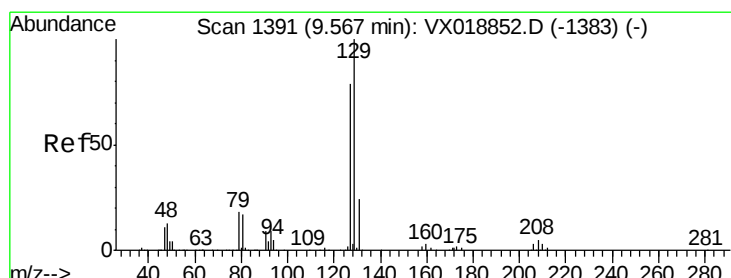
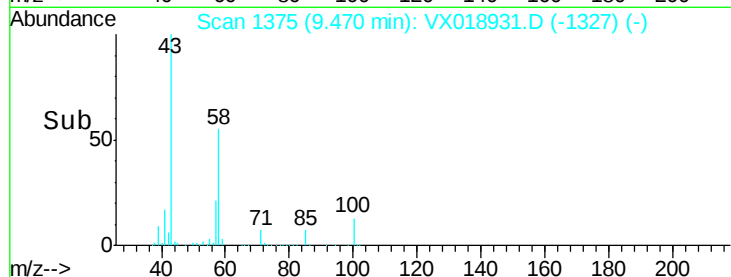
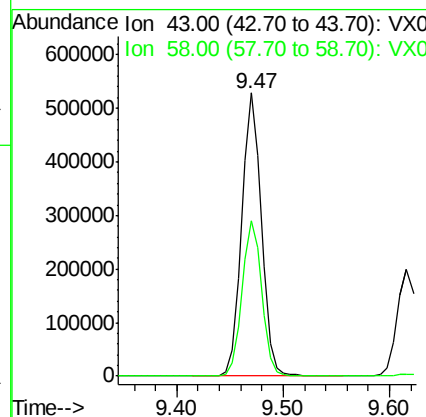
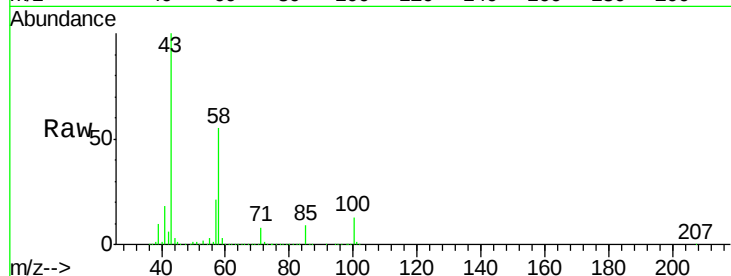
#59
2-Hexanone
Concen: 244.378 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 686915
Ion Ratio Lower Upper
43 100
58 55.2 26.7 80.1

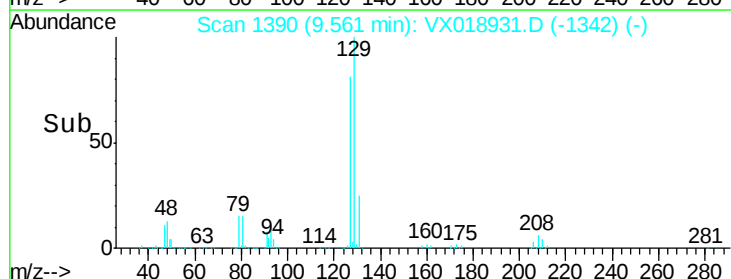
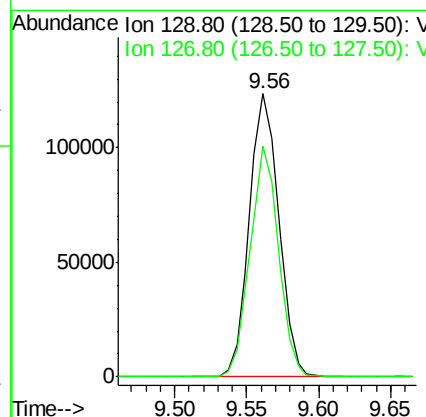
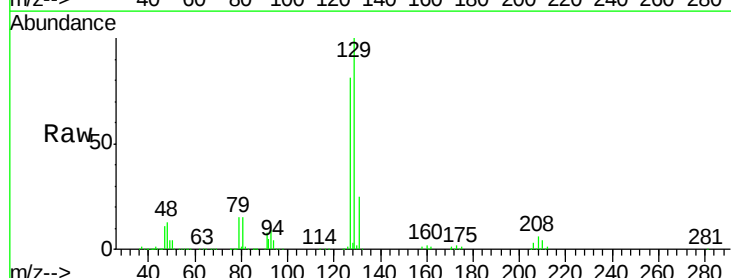
Manual Integrations
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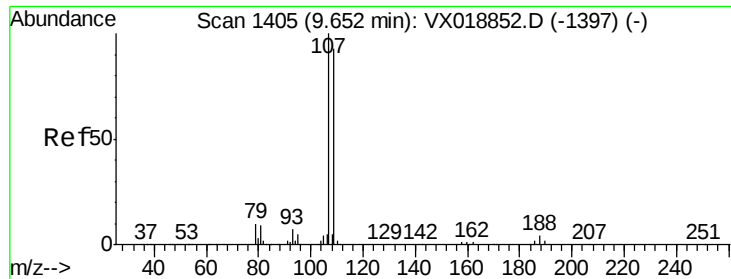
MMDadoda
10/14/2020 2:08:29 PM



#60
Dibromochloromethane
Concen: 47.890 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion: 129 Resp: 175353
Ion Ratio Lower Upper
129 100
127 78.6 39.5 118.5





#61

1,2-Dibromoethane

Concen: 48.544 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 151846

Ion Ratio Lower Upper

107 100

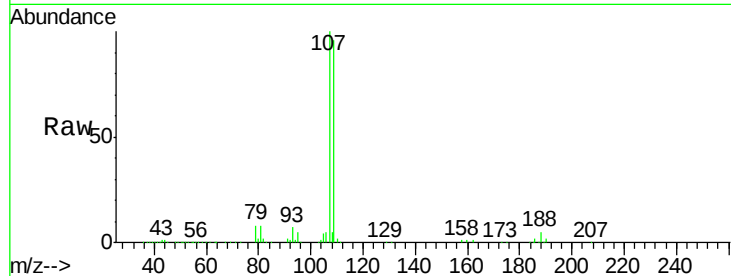
109 94.4 75.2 112.8

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

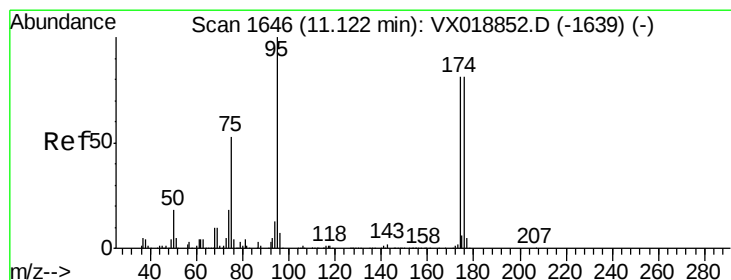
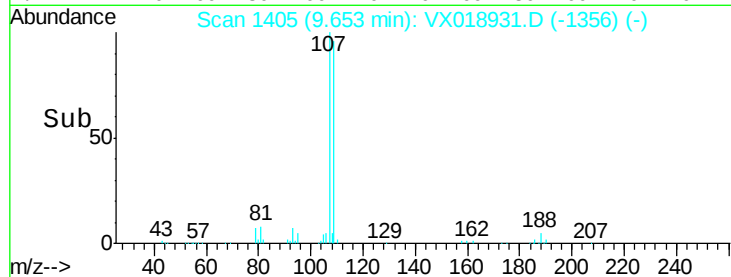
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.536 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

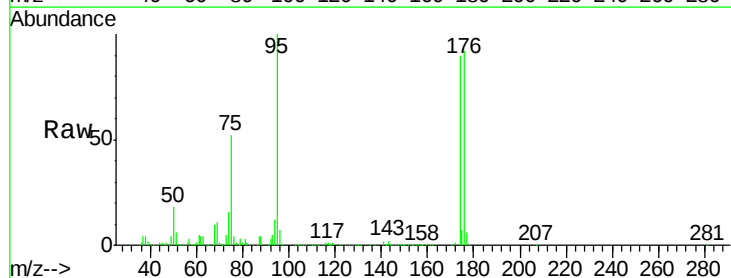
Tgt Ion: 95 Resp: 179139

Ion Ratio Lower Upper

95 100

174 85.3 0.0 160.0

176 83.0 0.0 161.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

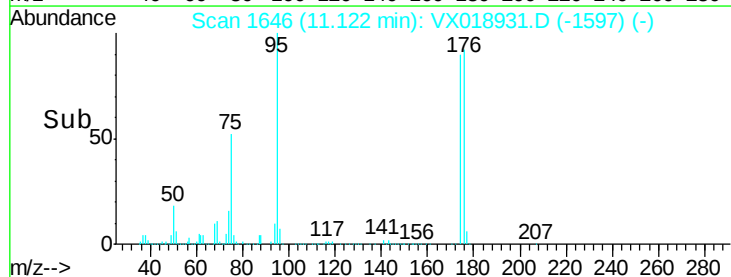
150000

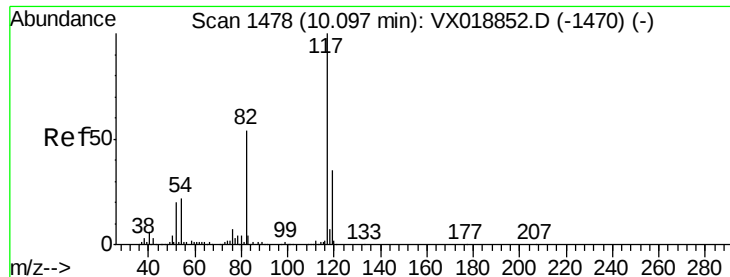
100000

50000

0

Time-->





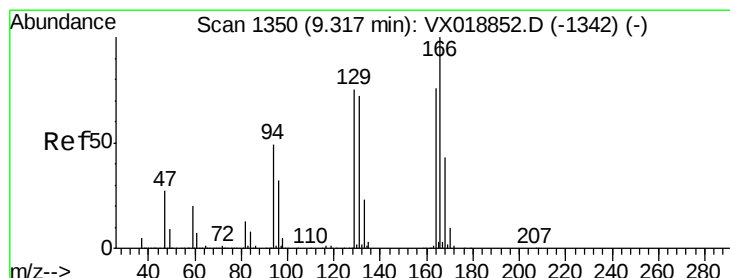
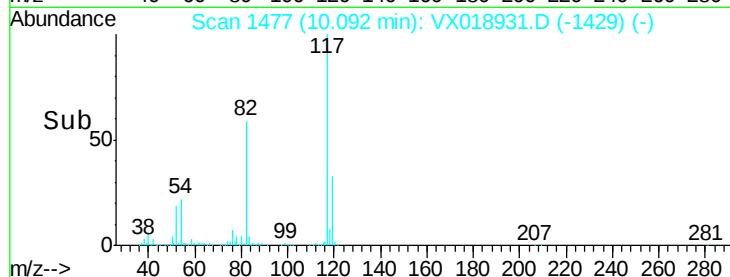
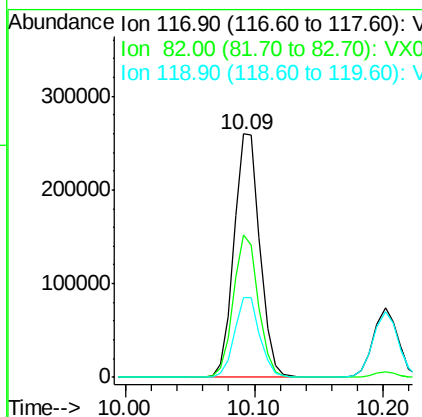
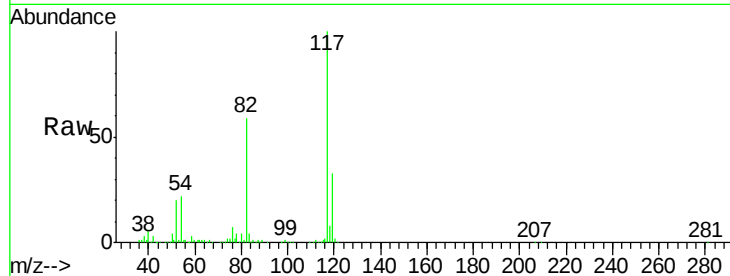
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	363837		
82	58.7	43.4	65.2	
119	32.6	28.3	42.5	

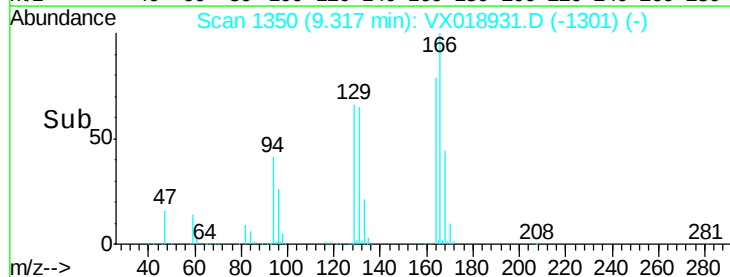
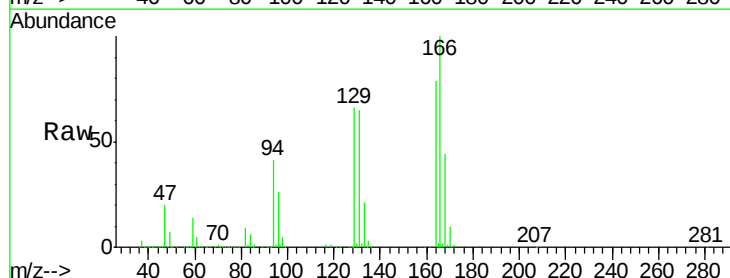
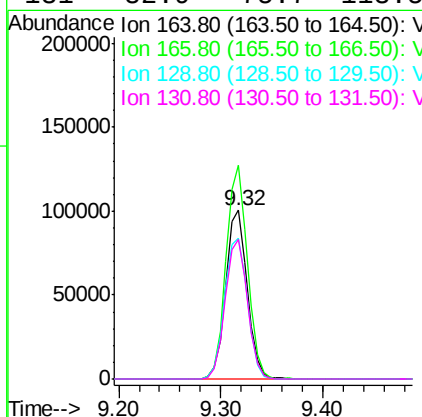
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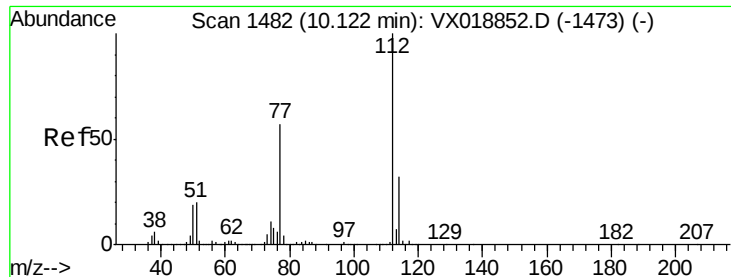
MMDadoda
10/14/2020 2:08:29 PM



#64
Tetrachloroethene
Concen: 54.927 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	145610		
166	126.8	105.4	158.0	
129	83.9	79.0	118.6	
131	82.9	75.7	113.5	





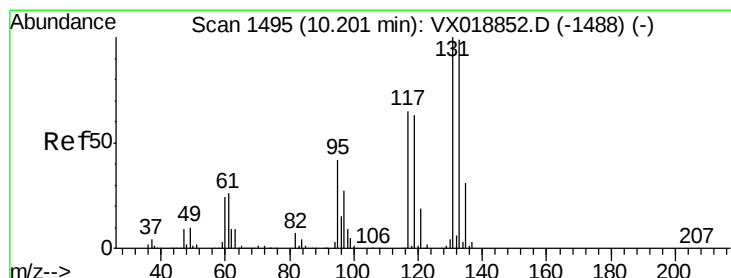
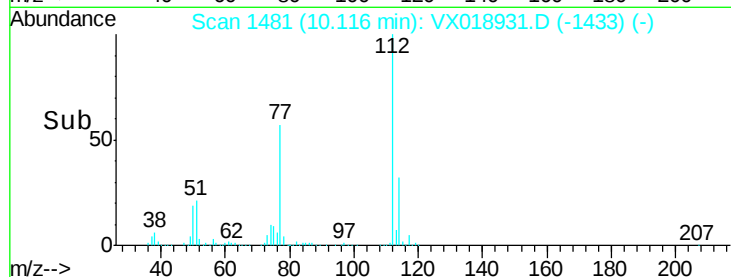
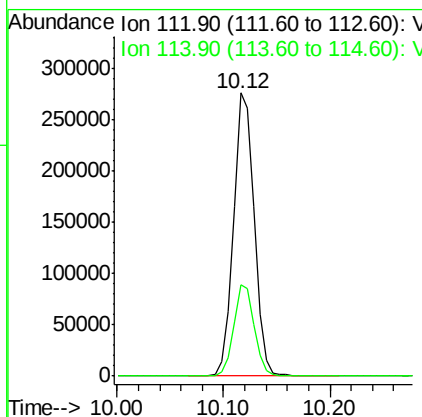
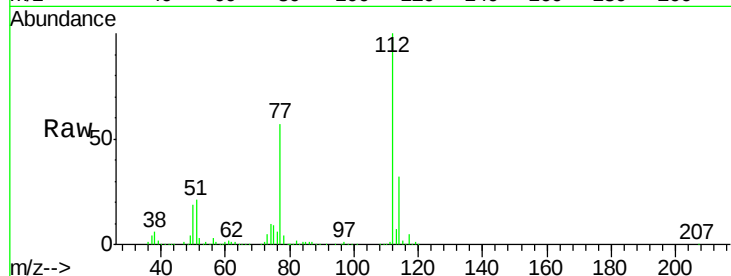
#65
Chlorobenzene
Concen: 47.988 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.7	38.5

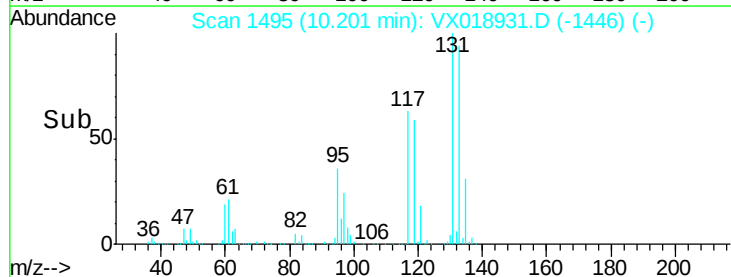
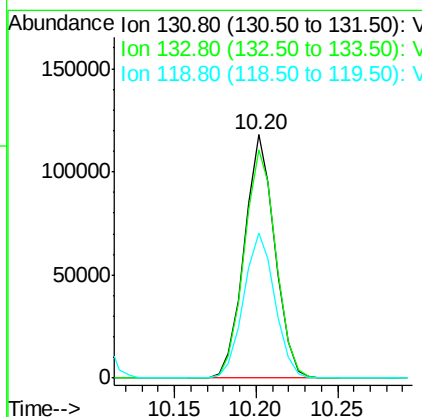
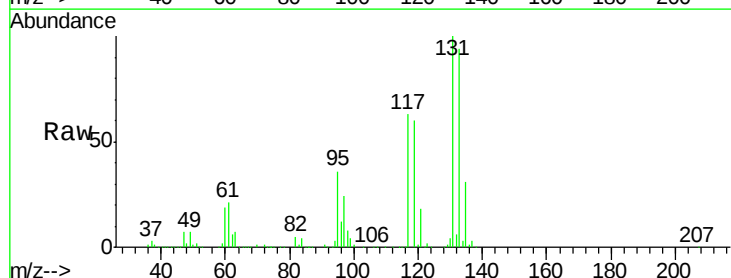
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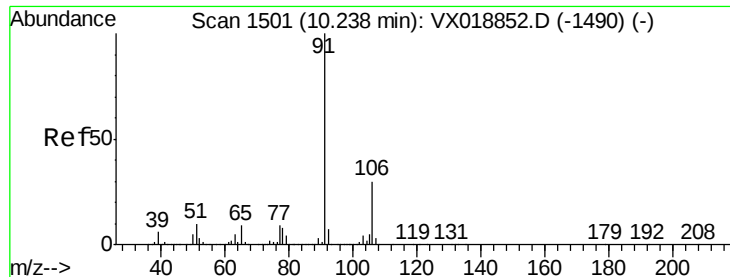
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.555 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.4	48.6	145.8
119	60.8	31.1	93.3





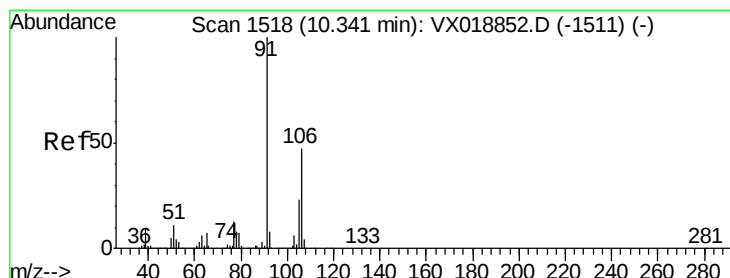
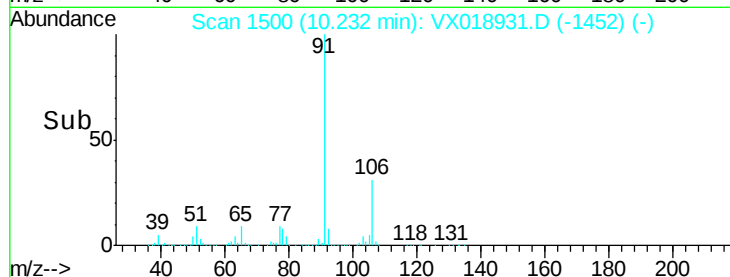
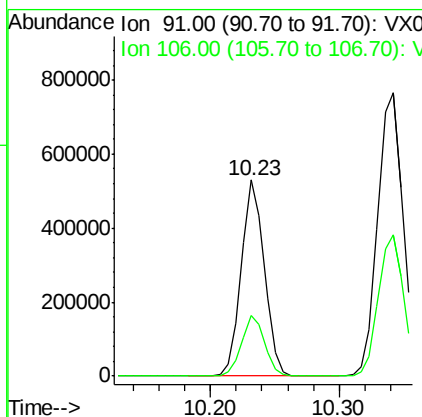
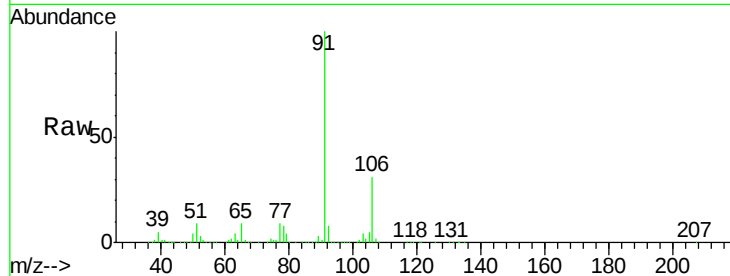
#67
Ethyl Benzene
Concen: 49.560 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 657376
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0

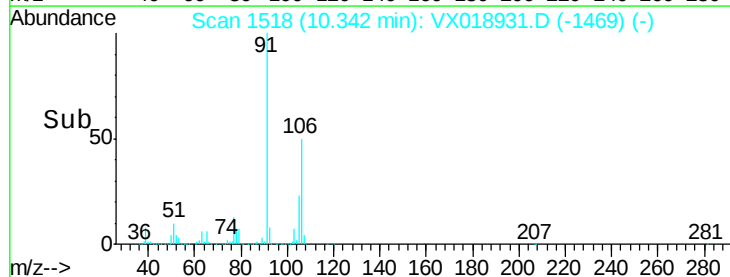
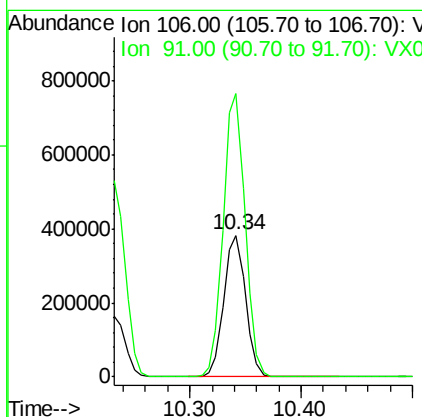
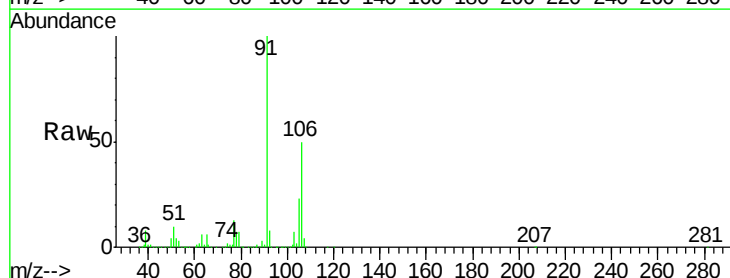
Manual Integrations
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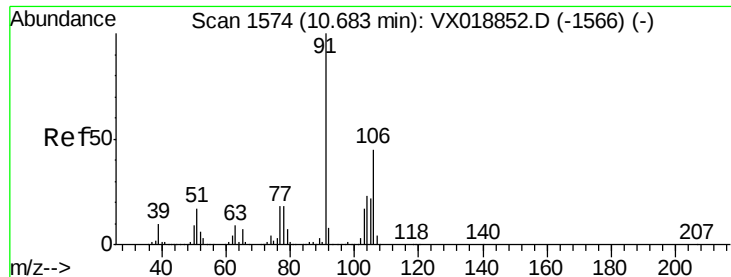
MMDadoda
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#68
m/p-Xylenes
Concen: 102.546 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion: 106 Resp: 516769
Ion Ratio Lower Upper
106 100
91 201.7 165.6 248.4





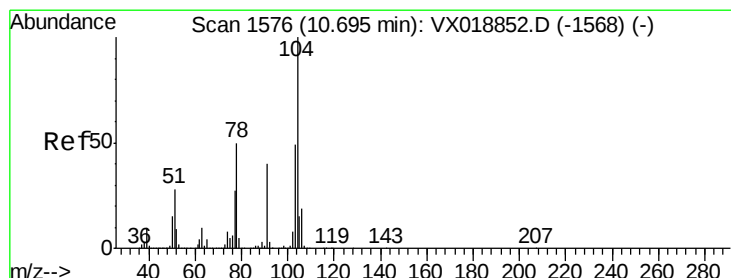
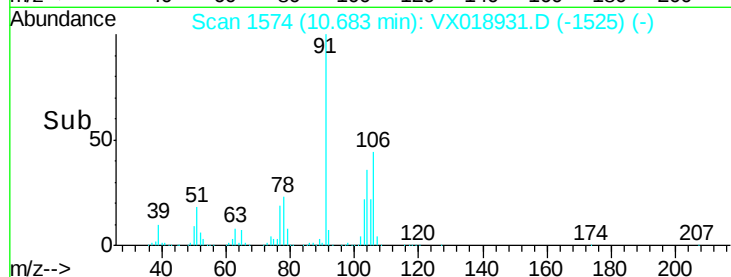
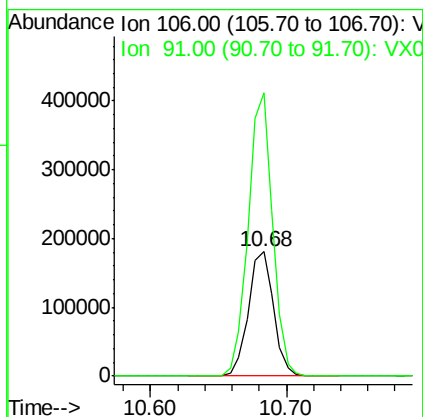
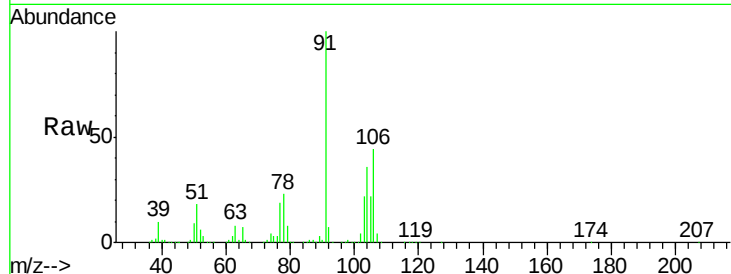
#69
o-Xylene
Concen: 49.322 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 234180
Ion Ratio Lower Upper
106 100
91 221.0 109.9 329.6

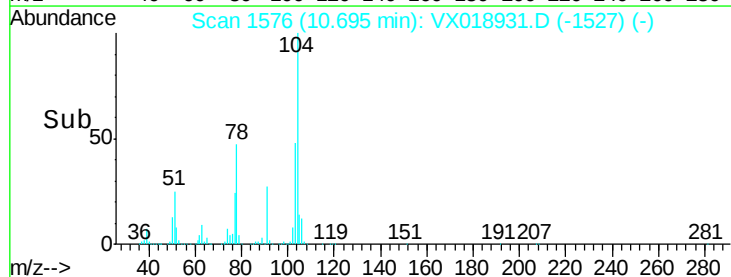
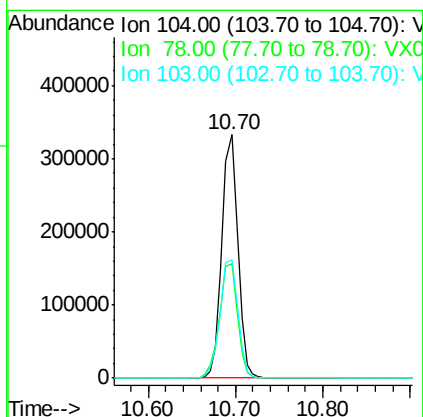
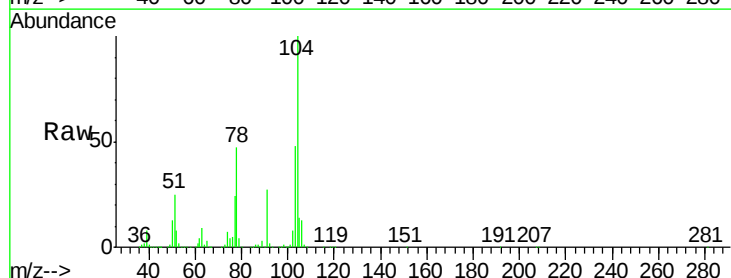
Manual Integrations
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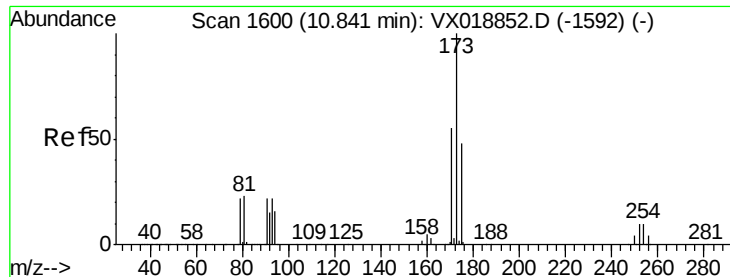
MMDadoda
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#70
Styrene
Concen: 52.418 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion:104 Resp: 421338
Ion Ratio Lower Upper
104 100
78 53.0 43.5 65.3
103 54.6 43.3 64.9





#71

Bromoform

Concen: 49.277 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 138253

Ion Ratio Lower Upper

173 100

175 49.6 23.4 70.0

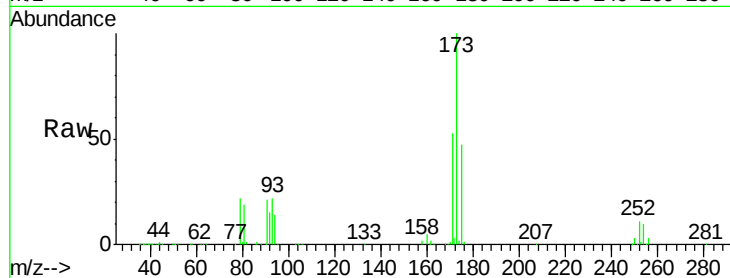
254 0.2 0.0 0.0#

Manual Integrations

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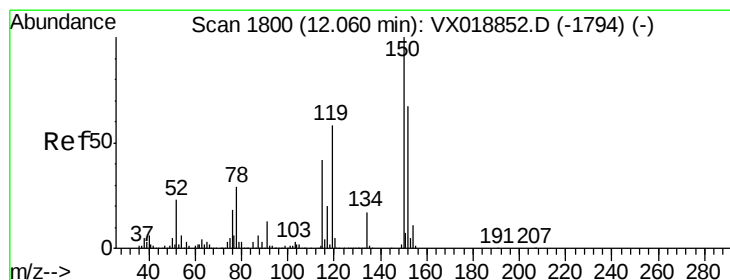
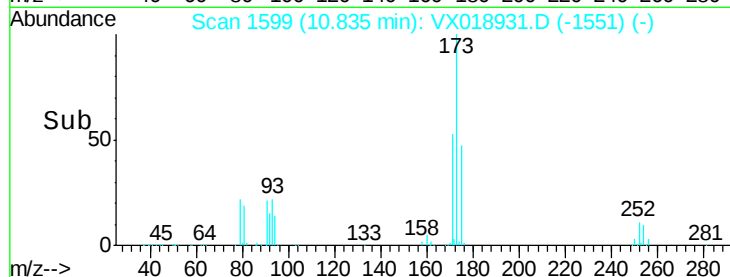
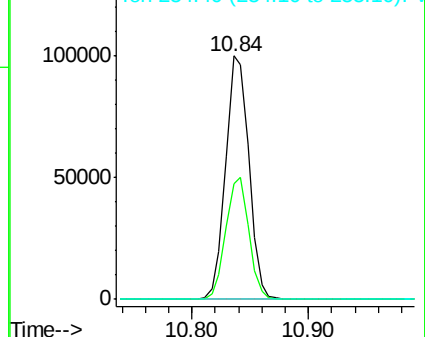
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

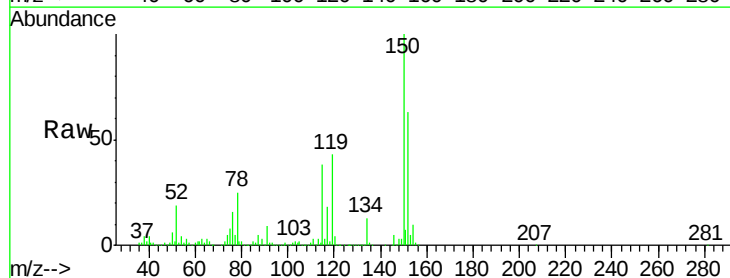
Tgt Ion:152 Resp: 212341

Ion Ratio Lower Upper

152 100

115 79.4 41.8 125.4

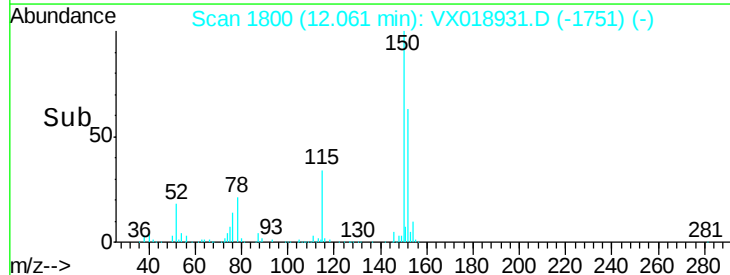
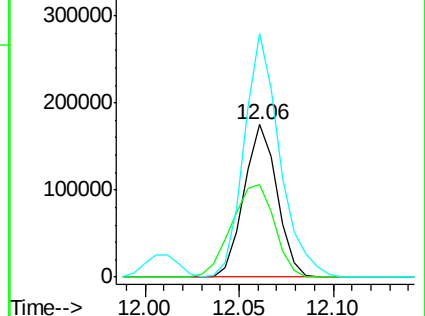
150 172.0 0.0 347.6

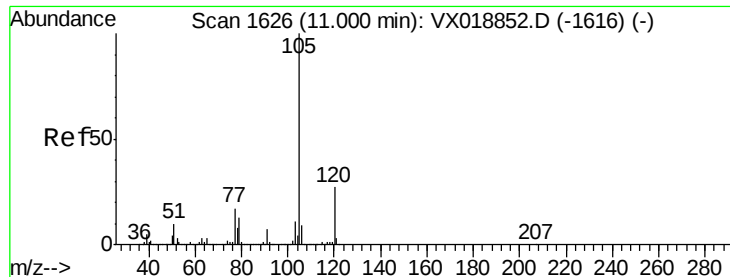


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.202 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 683436

Ion Ratio Lower Upper

105 100

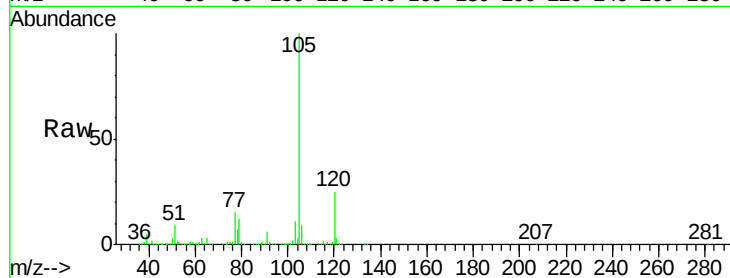
120 26.0 13.3 39.8

Manual Integrations

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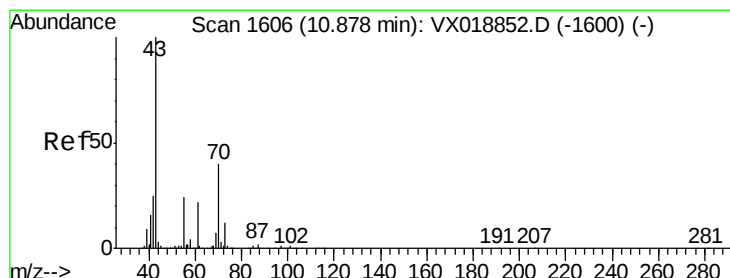
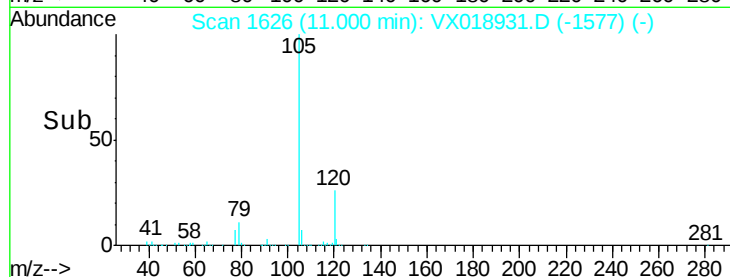
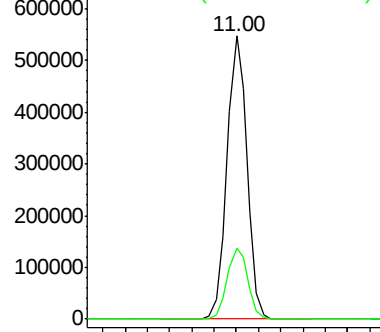
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.337 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Tgt Ion: 43 Resp: 260145

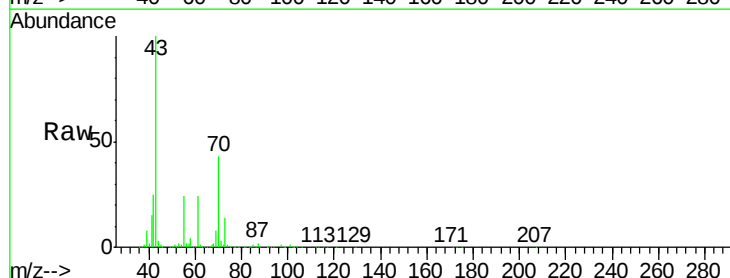
Ion Ratio Lower Upper

43 100

70 43.7 33.7 50.5

55 25.4 19.8 29.8

61 24.3 18.6 28.0

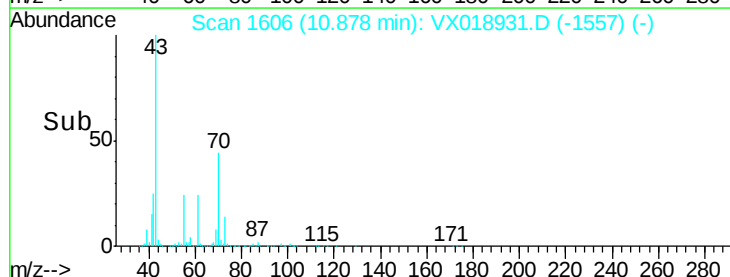
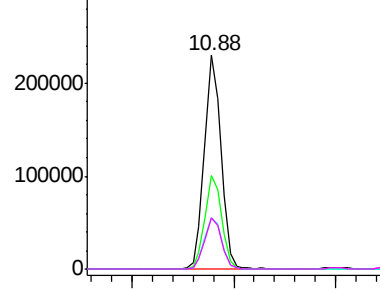


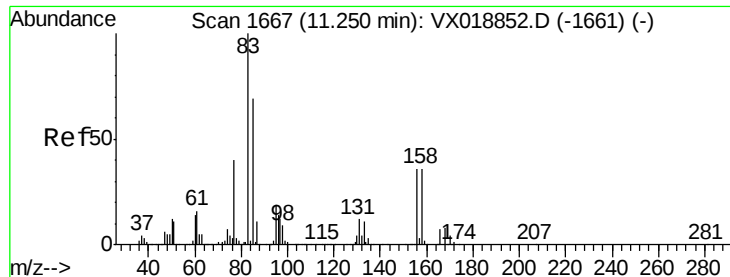
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.958 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

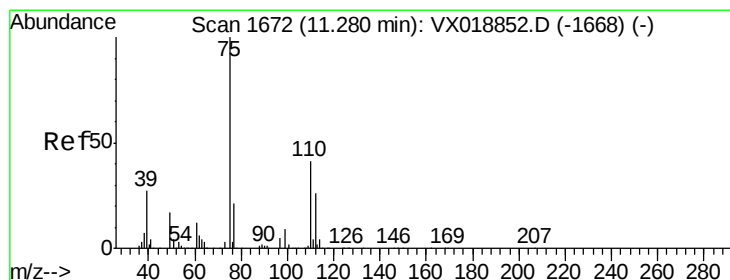
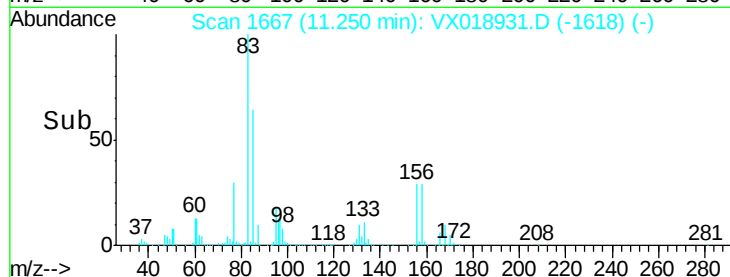
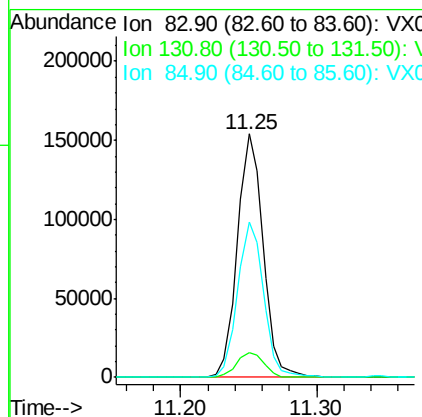
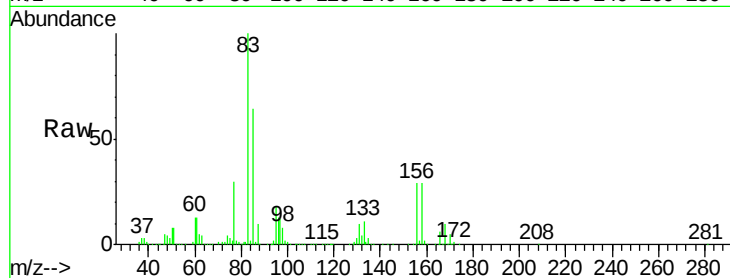
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	203509
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.9	17.8
85	64.6	33.0	98.9

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#76

1,2,3-Trichloropropane

Concen: 44.922 ug/l m

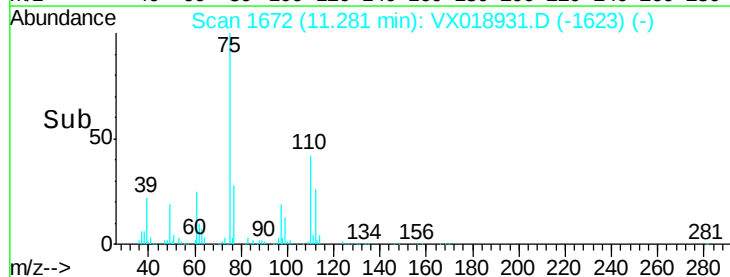
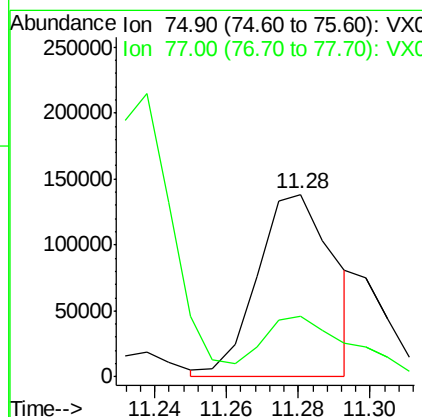
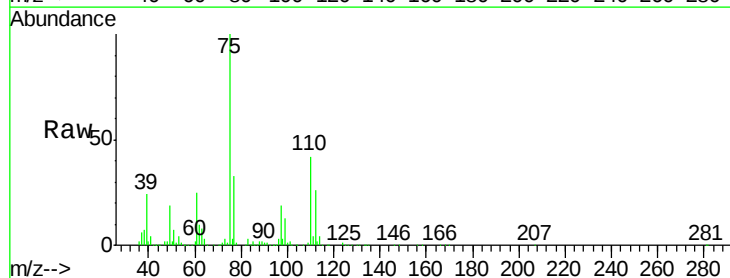
RT: 11.28 min Scan# 1672

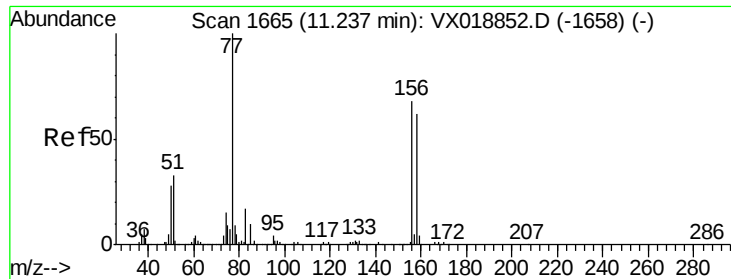
Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Tgt Ion:	75	Resp:	205532
Ion Ratio	Lower	Upper	
75	100		
77	38.2	20.2	60.6





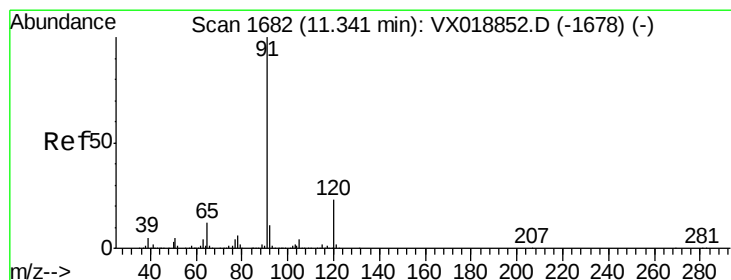
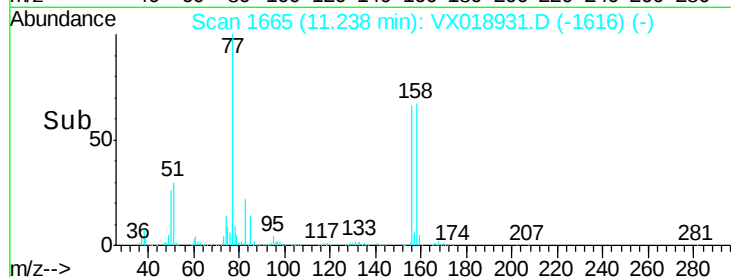
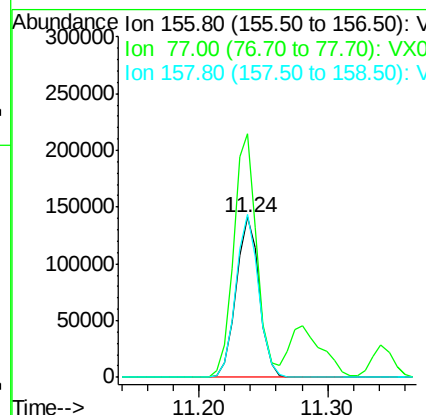
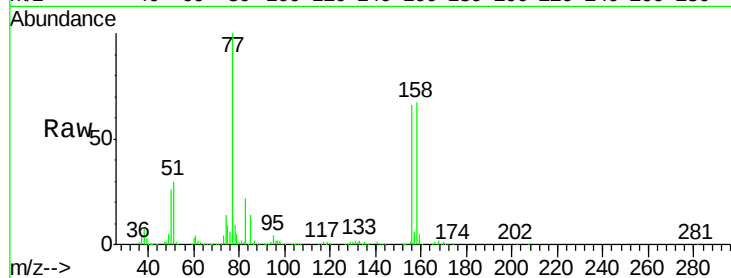
#77
Bromobenzene
Concen: 46.634 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.5	76.0	228.1
158	100.3	47.2	141.6

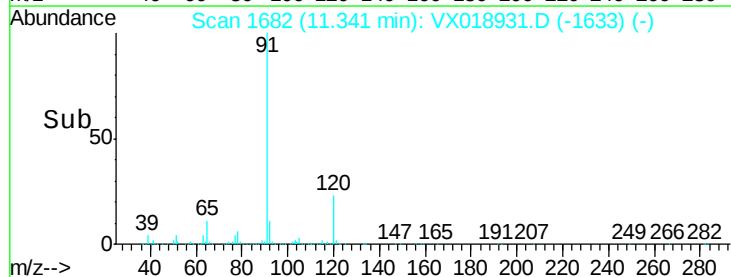
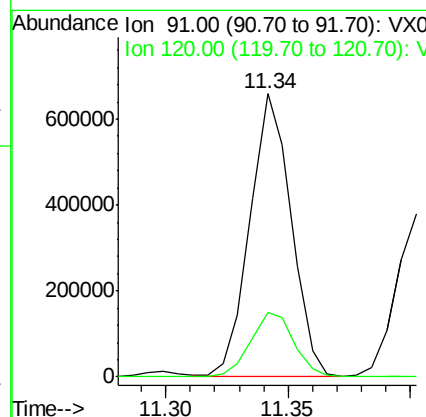
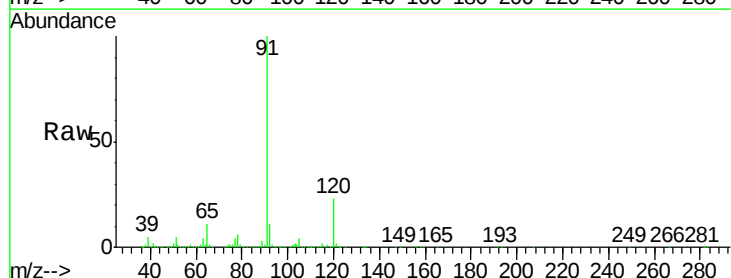
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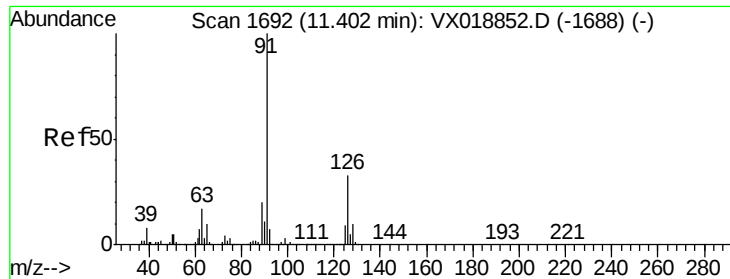
MMDadoda
10/14/2020 2:08:29 PM



#78
n-propylbenzene
Concen: 48.606 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.0	36.0





#79

2-Chlorotoluene

Concen: 46.640 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 460166

Ion Ratio Lower Upper

91 100

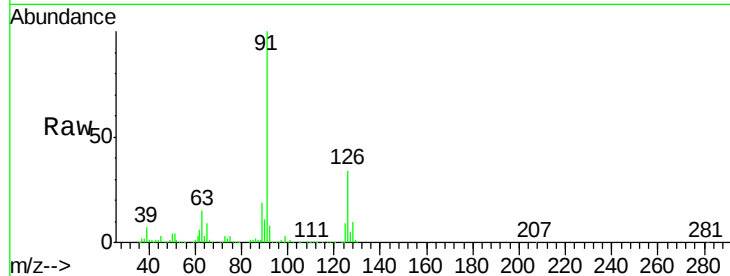
126 34.4 17.1 51.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX018852.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX018852.D (-1688) (-)

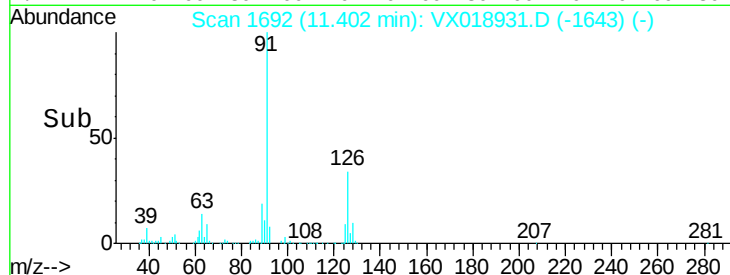
600000

400000

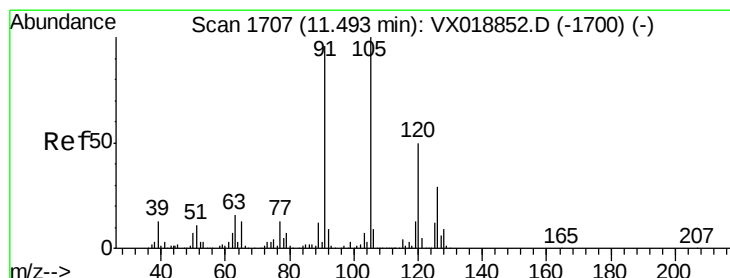
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.272 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018931.D

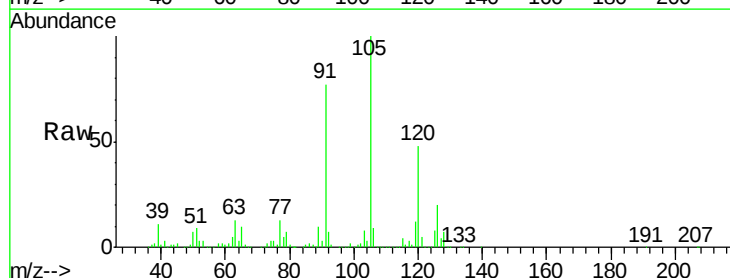
Acq: 13 Oct 2020 16:22

Tgt Ion: 105 Resp: 585422

Ion Ratio Lower Upper

105 100

120 48.6 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VX018852.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX018852.D (-1700) (-)

500000

400000

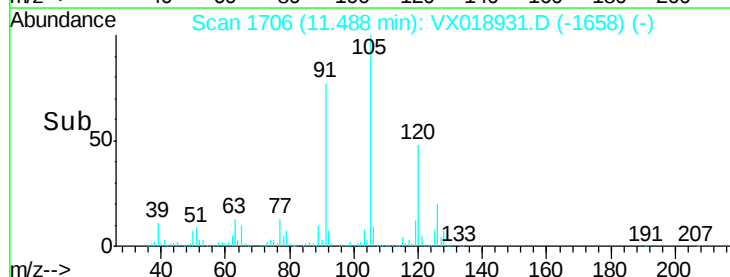
300000

200000

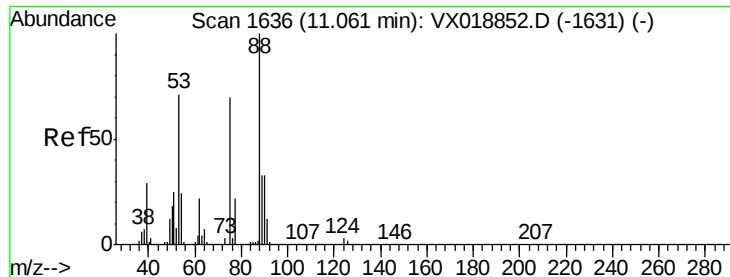
100000

0

11.40 11.50 11.60



Time-->



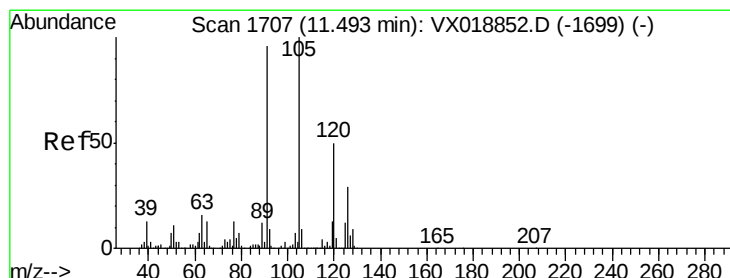
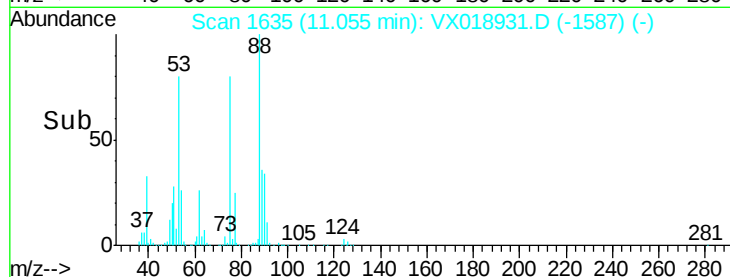
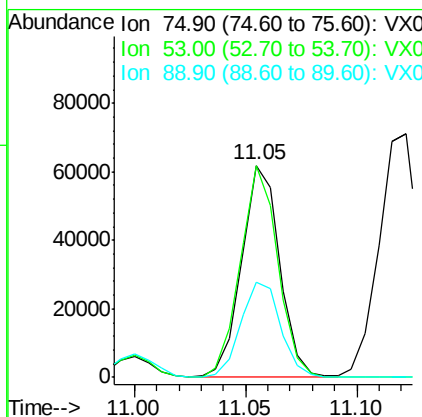
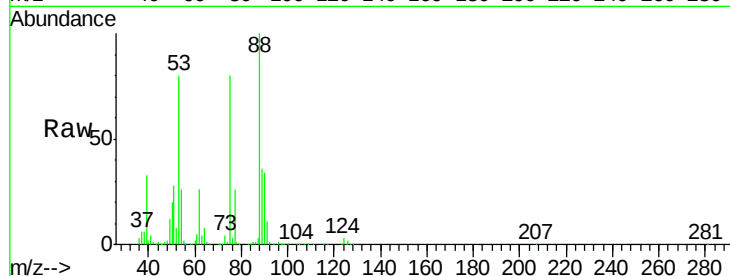
#81
trans-1,4-Dichloro-2-butene
Concen: 45.619 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.7	85.0	127.4
89	47.5	39.0	58.4

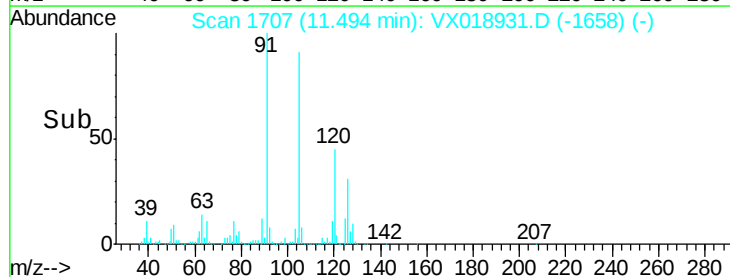
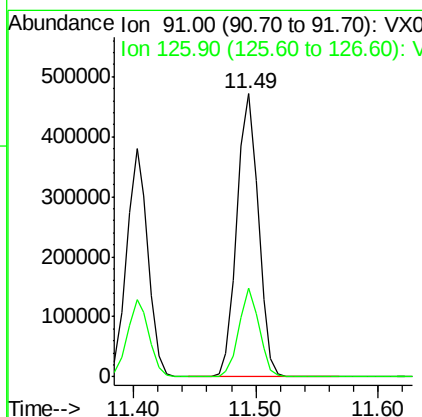
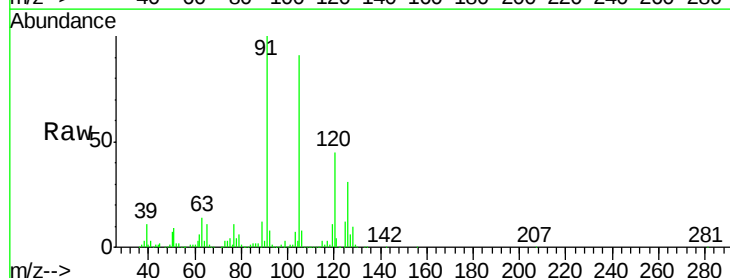
Manual Integrations
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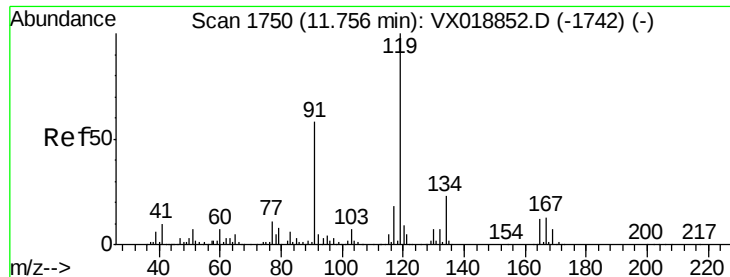
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.526 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.9	44.7





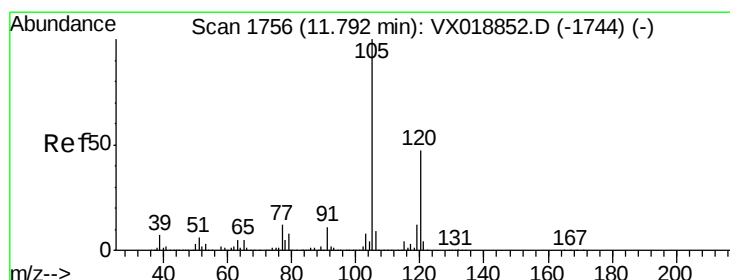
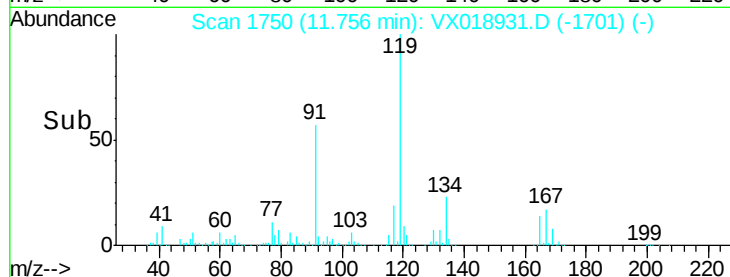
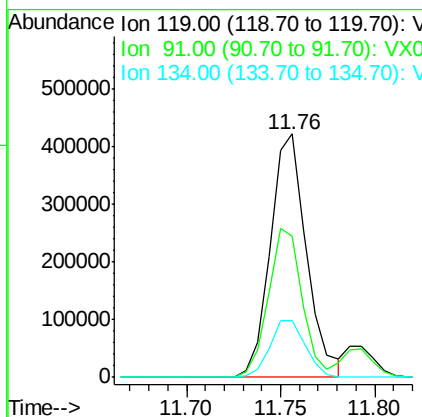
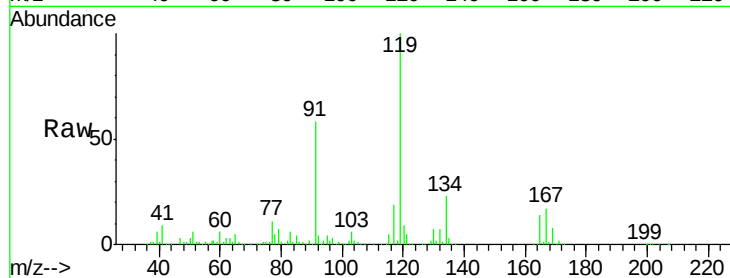
#83
 tert-Butylbenzene
 Concen: 47.033 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.5	28.6	85.9
134	23.3	11.7	35.0

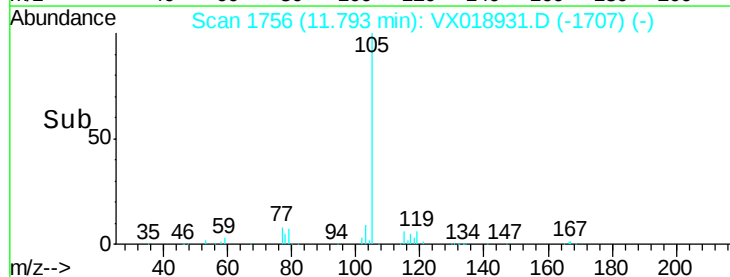
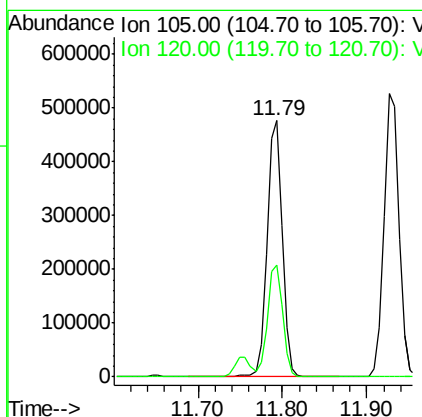
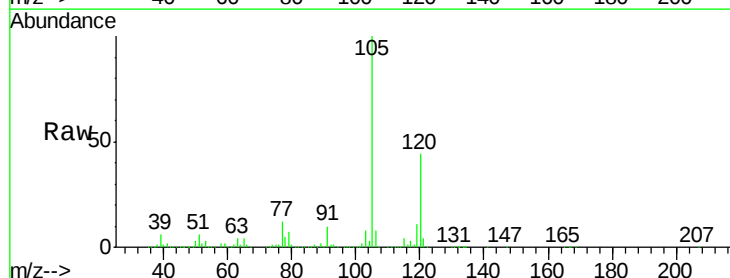
Manual Integrations
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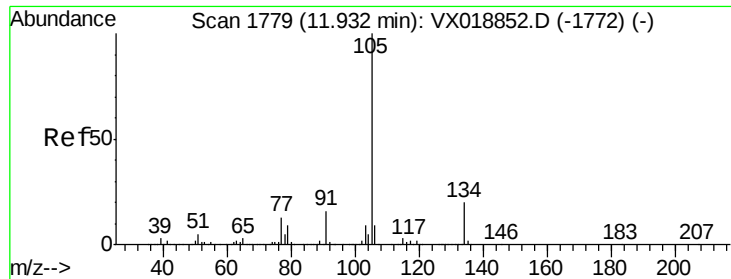
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.137 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	22.6	67.8





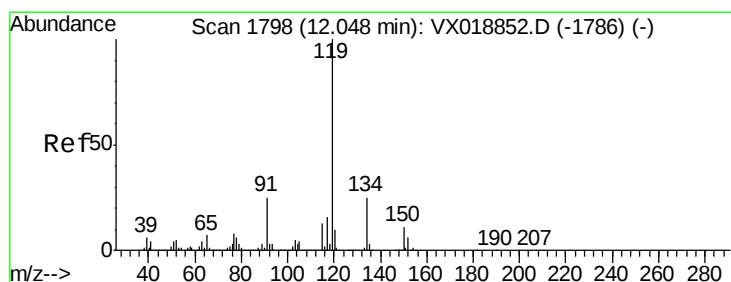
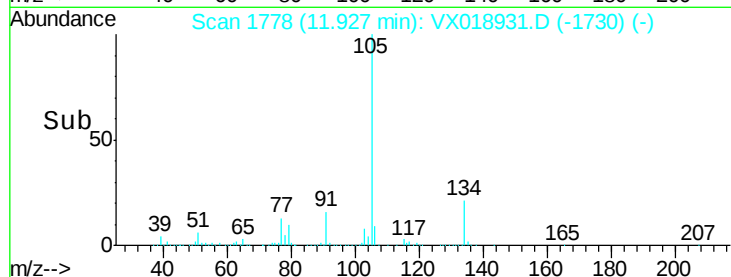
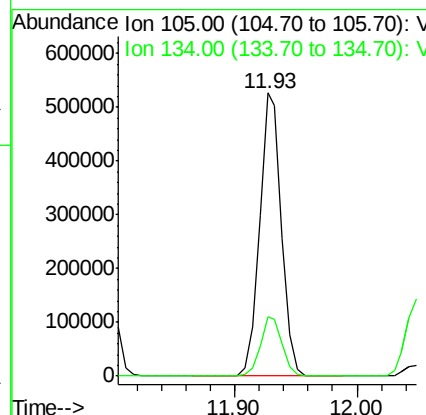
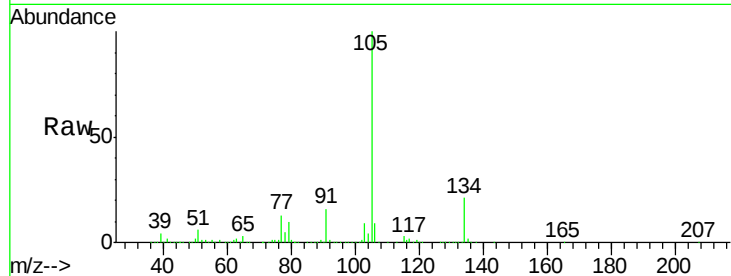
#85
 sec-Butylbenzene
 Concen: 48.691 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.2	30.4

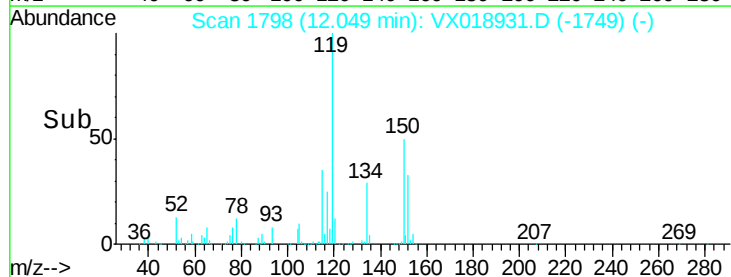
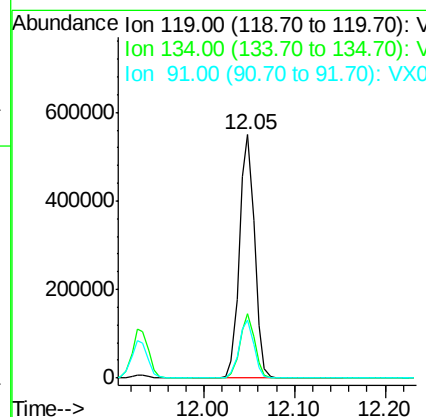
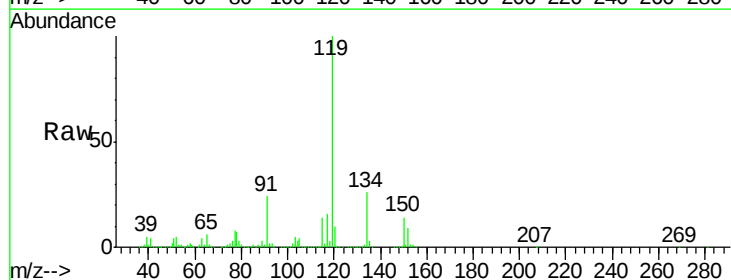
Manual Integrations
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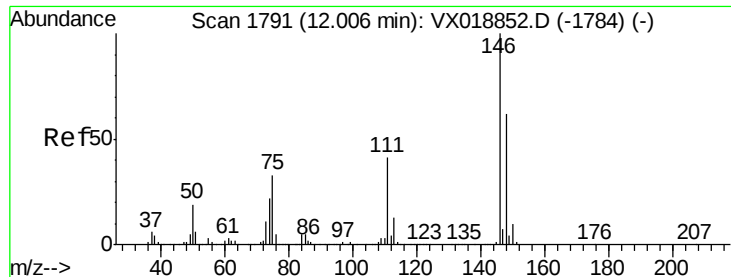
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#86
 p-Isopropyltoluene
 Concen: 49.818 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.8	38.4
91	23.8	12.3	36.9





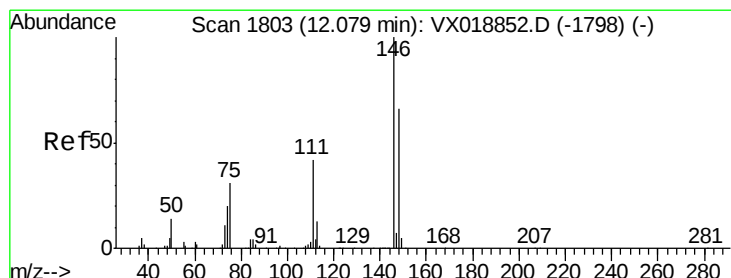
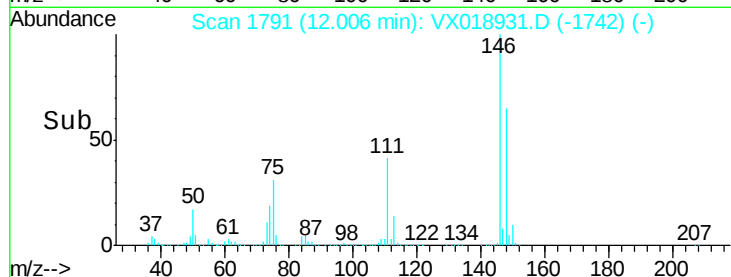
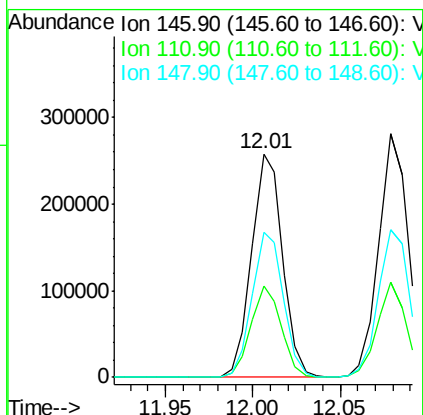
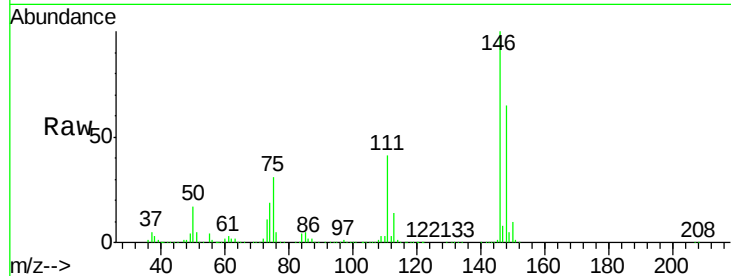
#87
 1,3-Dichlorobenzene
 Concen: 45.612 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	59.9
148	65.7	31.4	94.3

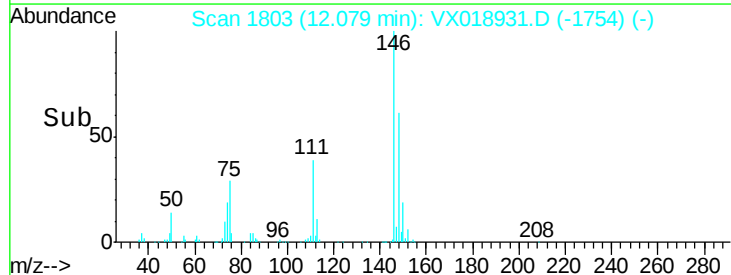
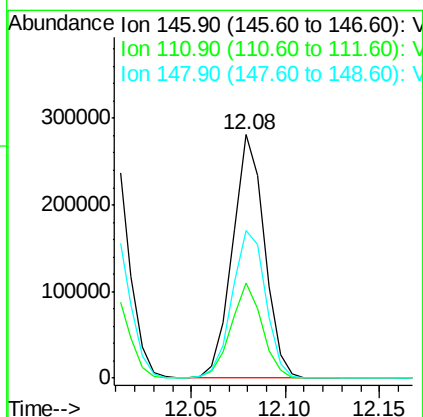
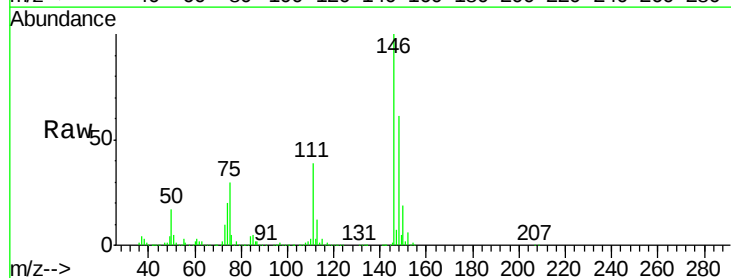
Manual Integrations
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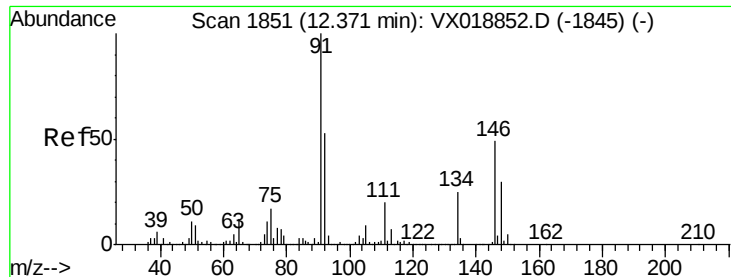
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#88
 1,4-Dichlorobenzene
 Concen: 46.603 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.5	61.5
148	63.4	32.2	96.6





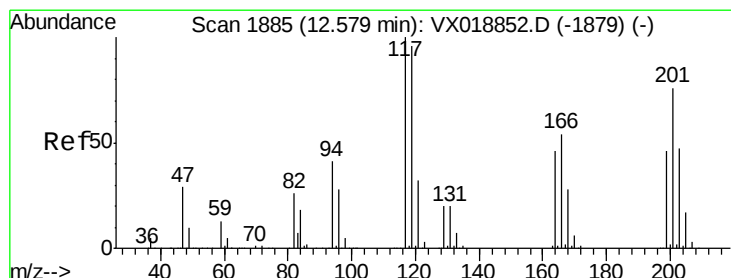
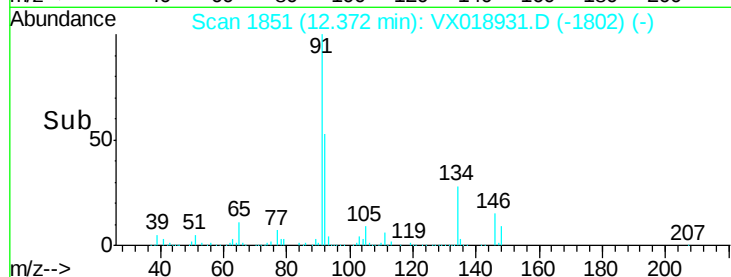
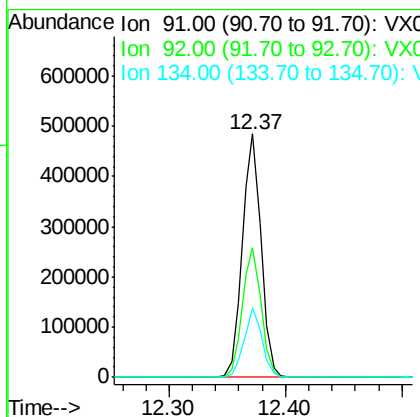
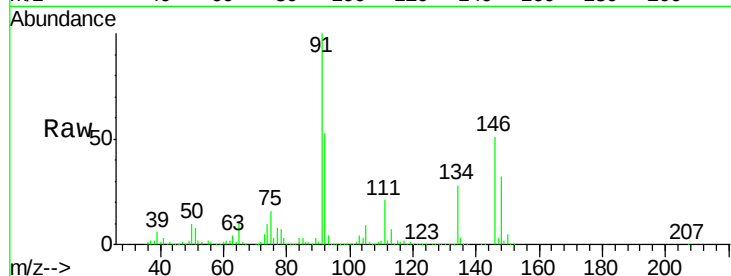
#89
n-Butylbenzene
Concen: 49.278 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.7	80.0
134	27.3	13.5	40.4

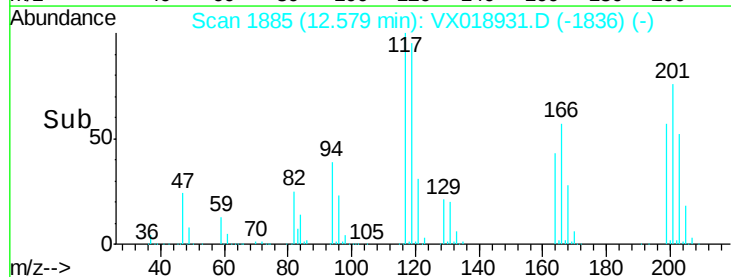
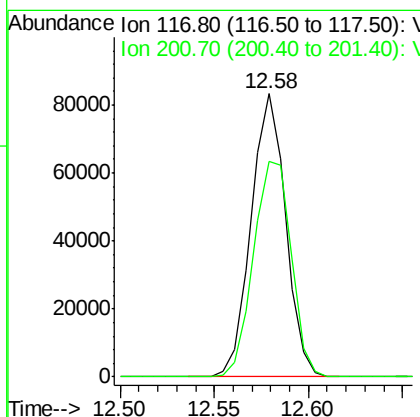
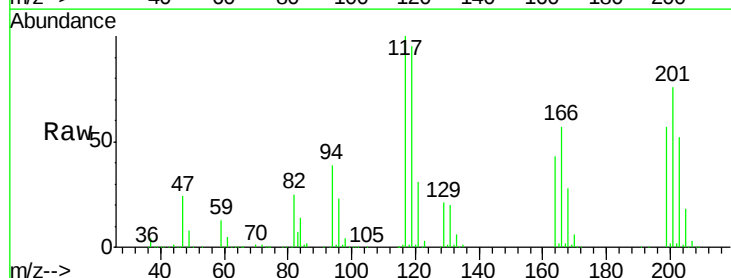
Manual Integrations
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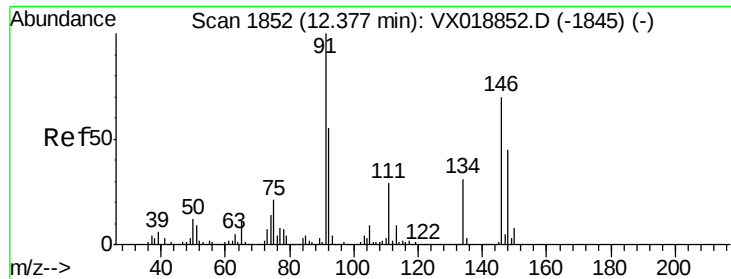
MMDadoda
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#90
Hexachloroethane
Concen: 44.694 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018931.D
Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.4	37.4	112.2





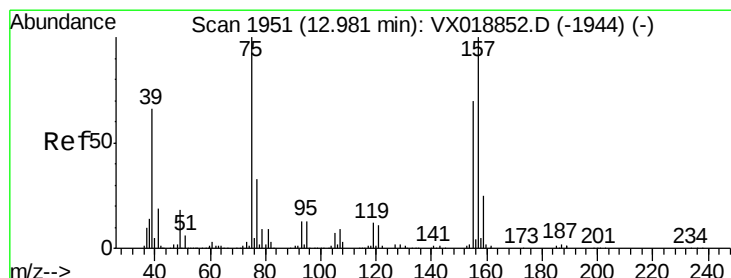
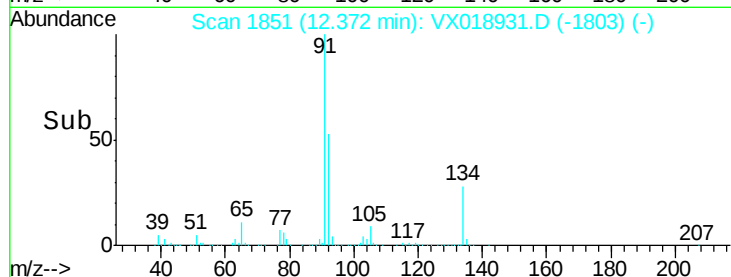
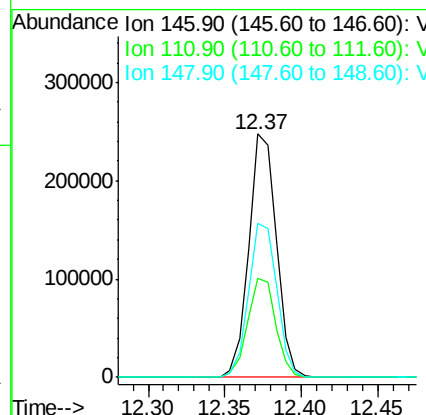
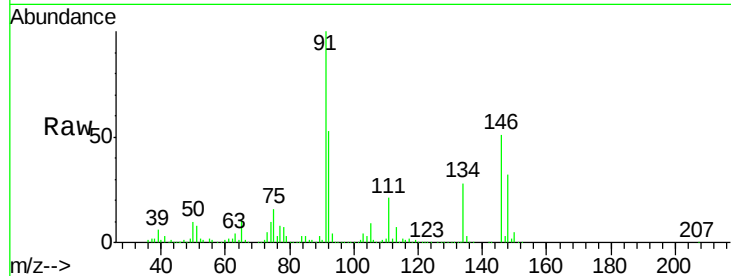
#91
 1,2-Dichlorobenzene
 Concen: 46.418 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.6	61.9
148	65.1	31.1	93.2

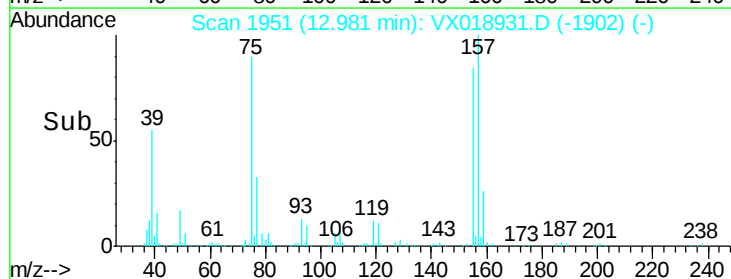
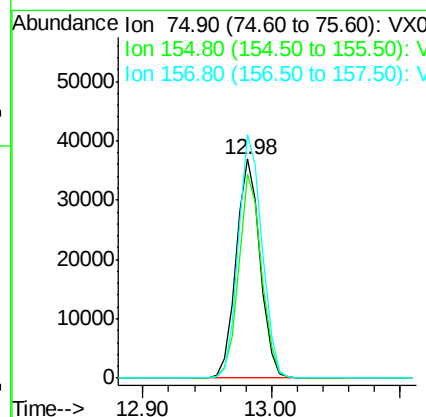
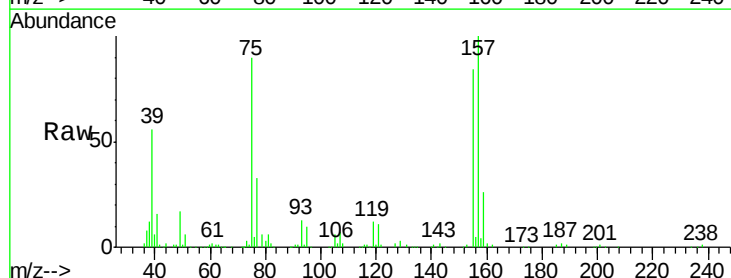
Manual Integrations
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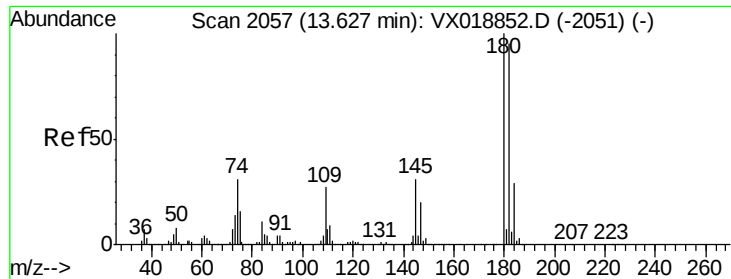
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.518 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.2	38.0	113.9
157	109.6	50.9	152.7





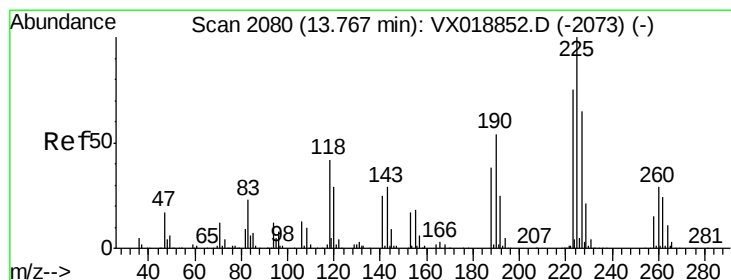
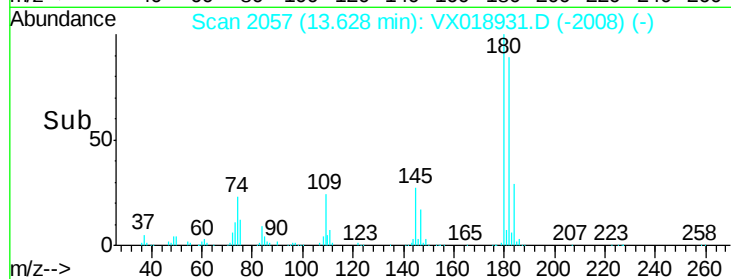
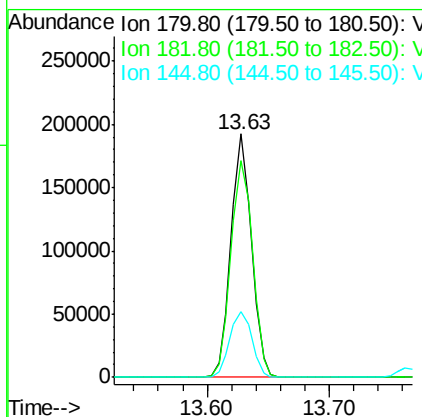
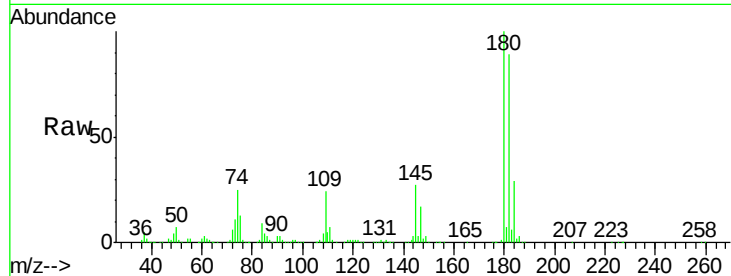
#93
 1,2,4-Trichlorobenzene
 Concen: 51.857 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	221913		
182	94.9	49.1	147.3	
145	29.3	16.0	48.0	

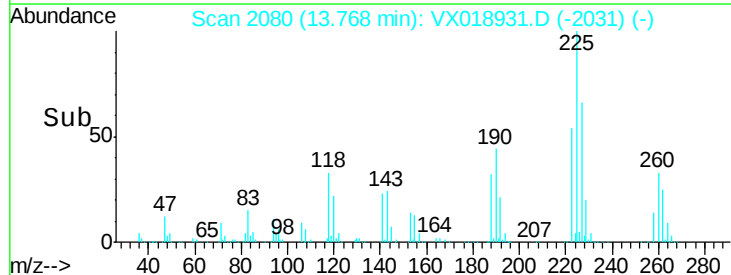
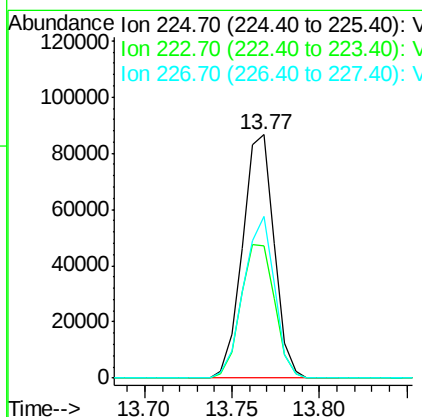
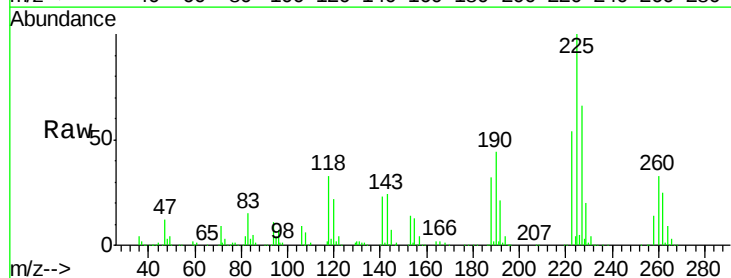
Manual Integrations
 APPROVED

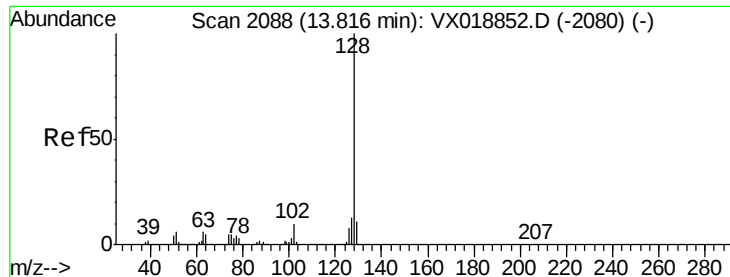
MMDadoda
 10/14/2020 2:08:29 PM



#94
 Hexachlorobutadiene
 Concen: 57.197 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018931.D
 Acq: 13 Oct 2020 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108716		
223	59.0	32.1	96.3	
227	64.8	33.0	98.9	





#95

Naphthalene

Concen: 43.618 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Instrument :

MSVOA_X

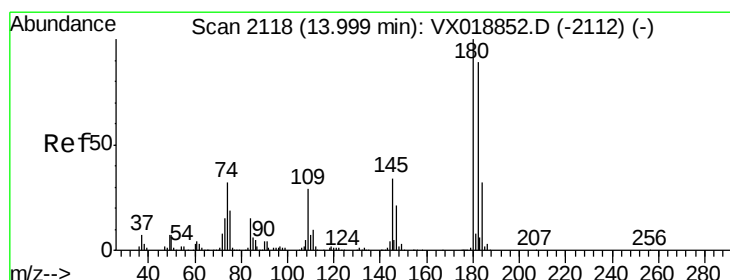
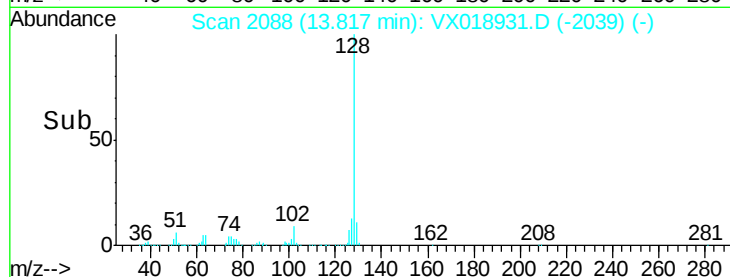
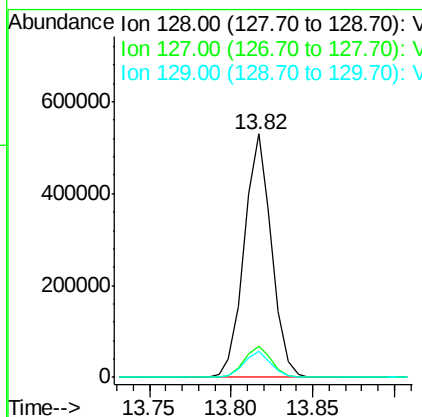
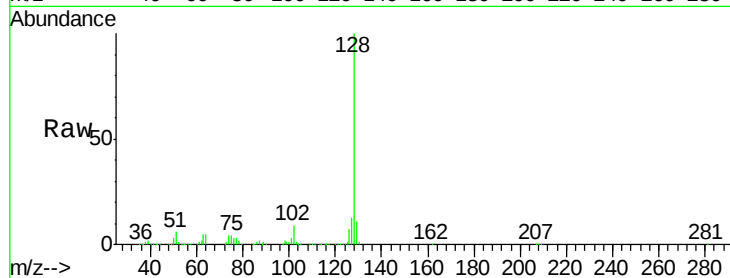
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	617188
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.1	15.1
129	10.7	8.6	13.0

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 52.618 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018931.D

Acq: 13 Oct 2020 16:22

Tgt Ion:	180	Resp:	220304
Ion Ratio	Lower	Upper	
180	100		
182	93.1	47.7	143.1
145	31.3	16.7	50.0

