

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016771.D
 Acq On : 16 Jun 2020 12:06
 Operator : JC/SP
 Sample : VX0616WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/17/2020 9:34:35 AM

Quant Time: Jun 17 04:13:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	283269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	418154	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	387071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192560	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	153980	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	5.46	113	125812	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	8.70	98	490046	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.12	95	178338	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	63377	19.892	ug/l	99
3) Chloromethane	1.32	50	57746	18.675	ug/l	99
4) Vinyl Chloride	1.39	62	63542	19.258	ug/l	98
5) Bromomethane	1.63	94	41469	20.237	ug/l	97
6) Chloroethane	1.72	64	39107	19.241	ug/l	99
7) Trichlorofluoromethane	1.92	101	91815	19.321	ug/l	96
8) Diethyl Ether	2.17	74	33153	17.084	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	51582	21.335	ug/l	95
10) Methyl Iodide	2.49	142	48648	16.098	ug/l	98
11) Tert butyl alcohol	3.01	59	65602	81.957	ug/l	99
12) 1,1-Dichloroethene	2.36	96	51640	18.652	ug/l	98
13) Acrolein	2.27	56	28405	84.880	ug/l	98
14) Allyl chloride	2.71	41	78542	18.138	ug/l	99
15) Acrylonitrile	3.11	53	144697	89.086	ug/l	99
16) Acetone	2.42	43	114483	79.211	ug/l	98
17) Carbon Disulfide	2.55	76	141869	17.892	ug/l	99
18) Methyl Acetate	2.75	43	73788	19.127	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	169137	17.924	ug/l	97
20) Methylene Chloride	2.84	84	55132	17.709	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	53366	17.937	ug/l	98
22) Diisopropyl ether	3.82	45	153302	18.848	ug/l	98
23) Vinyl Acetate	3.78	43	643488	91.534	ug/l	100
24) 1,1-Dichloroethane	3.67	63	92163	18.117	ug/l	99
25) 2-Butanone	4.63	43	190971	87.674	ug/l	99
26) 2,2-Dichloropropane	4.55	77	86920	18.453	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	60701	17.850	ug/l	99
28) Bromochloromethane	4.98	49	39115	18.025	ug/l	98
29) Tetrahydrofuran	5.09	42	125035	88.610	ug/l	100
30) Chloroform	5.18	83	96718	17.971	ug/l	97
31) Cyclohexane	5.54	56	79731	19.888	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	91221	18.679	ug/l	100
36) 1,1-Dichloropropene	5.77	75	74426	20.141	ug/l	98
37) Ethyl Acetate	4.79	43	75882	18.751	ug/l	100
38) Carbon Tetrachloride	5.76	117	81414	19.399	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	83398	20.044	ug/l	98
40) Benzene	6.11	78	215231	19.130	ug/l	99
41) Methacrylonitrile	5.00	41	41207	19.097	ug/l	98
42) 1,2-Dichloroethane	6.17	62	76881	18.722	ug/l	99
43) Isopropyl Acetate	6.41	43	118349	18.660	ug/l	99
44) Trichloroethene	7.19	130	76571	22.002	ug/l	98
45) 1,2-Dichloropropane	7.49	63	53107	19.255	ug/l	96
46) Dibromomethane	7.64	93	37199	18.505	ug/l	99
47) Bromodichloromethane	7.87	83	77736	18.549	ug/l	100
48) Methyl methacrylate	7.74	41	56699	18.861	ug/l	98
49) 1,4-Dioxane	7.71	88	25952	348.851	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	376621	96.364	ug/l	99
52) Toluene	8.76	92	140278	19.195	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	87114	18.404	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	91943	18.622	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	54655	18.596	ug/l	99
56) Ethyl methacrylate	9.16	69	82229	18.687	ug/l	100
57) 1,3-Dichloropropane	9.35	76	91913	18.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	208666	96.442	ug/l	100
59) 2-Hexanone	9.47	43	284734	94.374	ug/l	99
60) Dibromochloromethane	9.57	129	65116	18.746	ug/l	100
61) 1,2-Dibromoethane	9.65	107	58781	18.351	ug/l	97
64) Tetrachloroethene	9.32	164	87933	23.658	ug/l	97
65) Chlorobenzene	10.12	112	150431	19.153	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	59065	18.851	ug/l	99
67) Ethyl Benzene	10.23	91	259188	19.521	ug/l	98
68) m/p-Xylenes	10.34	106	197458	39.223	ug/l	98
69) o-Xylene	10.68	106	95190	19.627	ug/l	100
70) Styrene	10.70	104	161373	19.247	ug/l	99
71) Bromoform	10.84	173	49958	18.688	ug/l #	98
73) Isopropylbenzene	11.00	105	255128	20.192	ug/l	99
74) N-amyl acetate	10.88	43	98303	20.018	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	52319	14.077	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	79673m	19.675	ug/l	
77) Bromobenzene	11.24	156	68780	19.279	ug/l	99
78) n-propylbenzene	11.34	91	277937	20.256	ug/l	100
79) 2-Chlorotoluene	11.40	91	171581	19.775	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	217266	20.513	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	29152	18.123	ug/l	96
82) 4-Chlorotoluene	11.49	91	199504	19.643	ug/l	99
83) tert-Butylbenzene	11.76	119	181421	18.719	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	214295	20.000	ug/l	99
85) sec-Butylbenzene	11.93	105	229006	20.201	ug/l	100
86) p-Isopropyltoluene	12.05	119	219254	20.157	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	117656	19.508	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	117425	18.774	ug/l	99
89) n-Butylbenzene	12.37	91	182634	20.339	ug/l	100
90) Hexachloroethane	12.58	117	38121	19.005	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	113290	18.783	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18517	17.816	ug/l	98

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QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	78727	18.639	ug/l	98
94) Hexachlorobutadiene	13.76	225	35202	19.196	ug/l	96
95) Naphthalene	13.82	128	246329	18.616	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	76405	18.378	ug/l	95

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

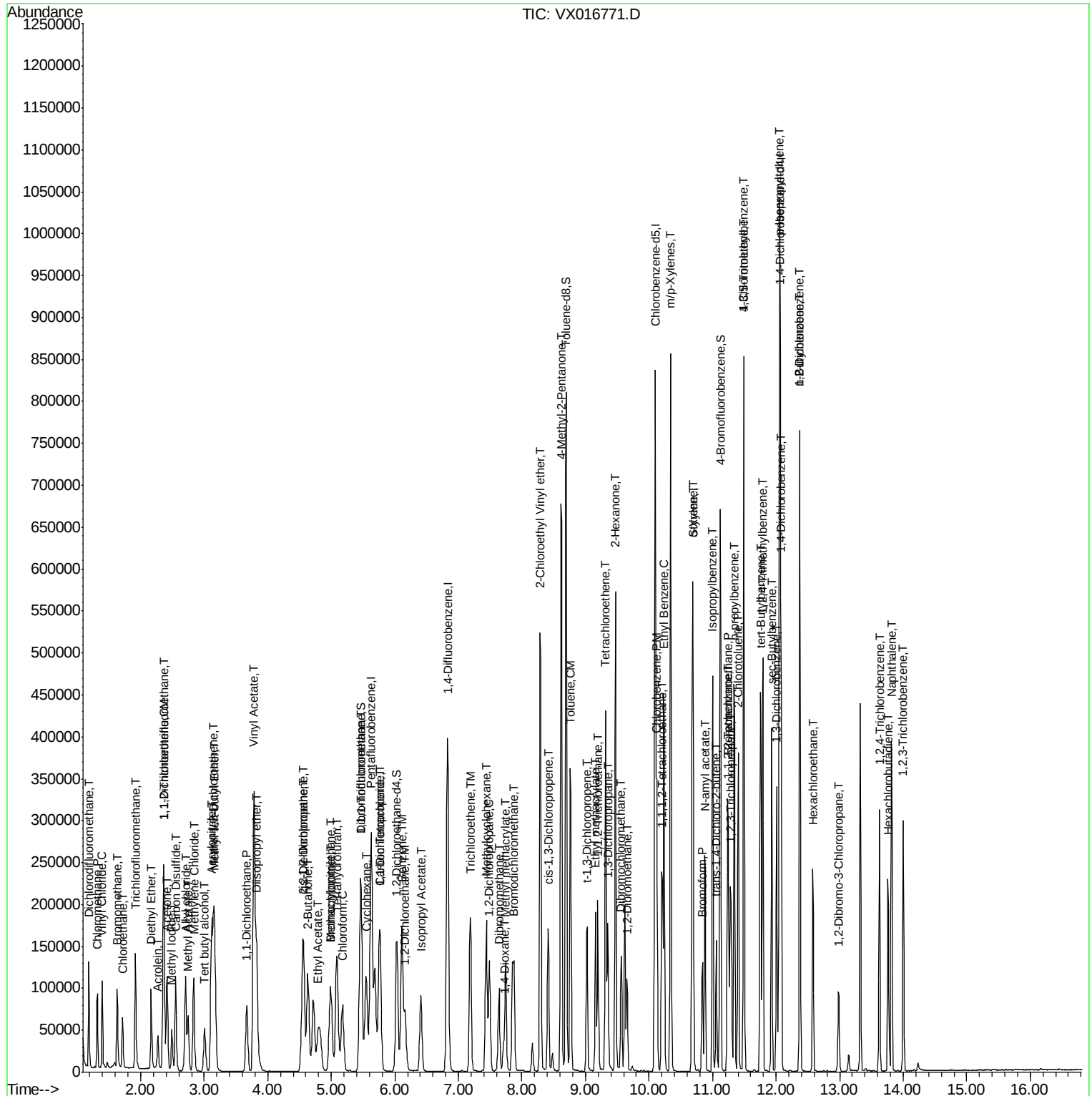
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 Data File : VX016771.D
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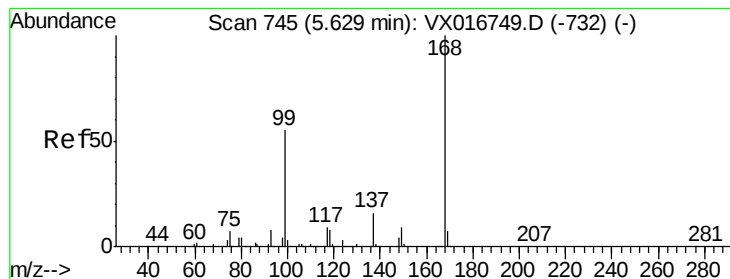
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

Tot Ion:168 Resp: 283269

Ion Ratio Lower Upper

168 100

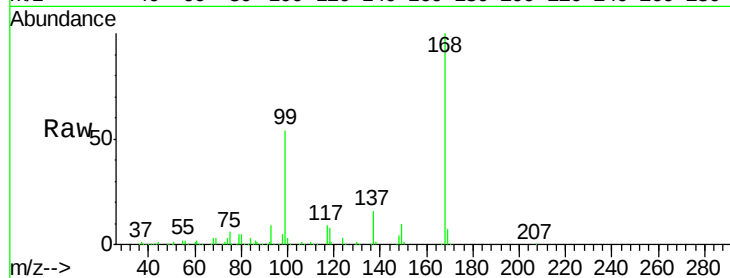
99 53.9 43.8 65.6

Manual Integrations

APPROVED

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6/17/2020 9:34:35 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

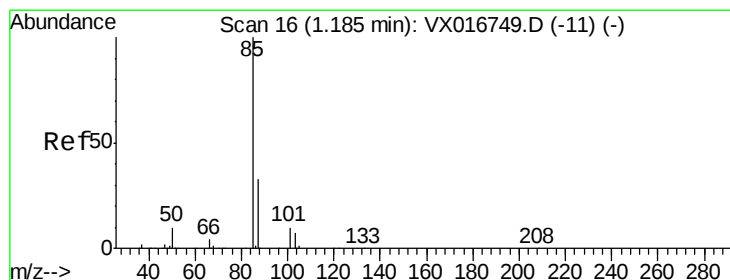
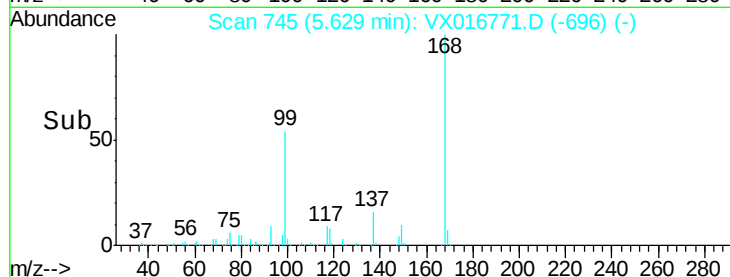
5.50

5.63

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.892 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016771.D

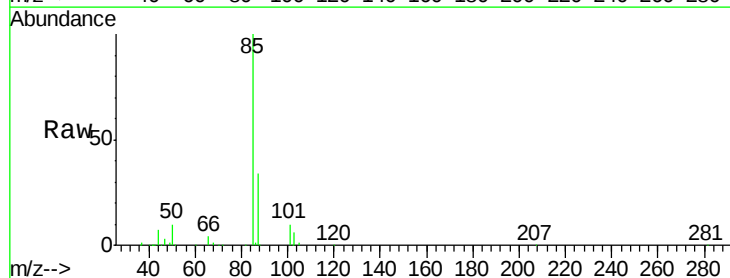
Acq: 16 Jun 2020 12:06

Tgt Ion: 85 Resp: 63377

Ion Ratio Lower Upper

85 100

87 33.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

40000

20000

0

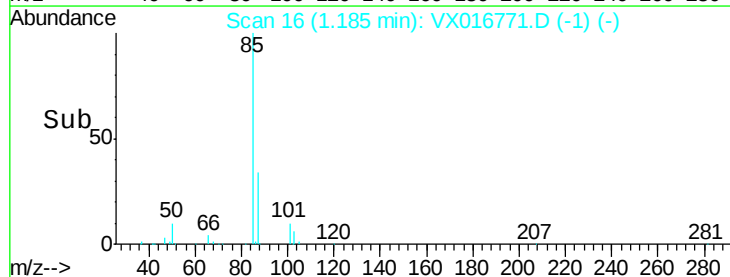
1.15

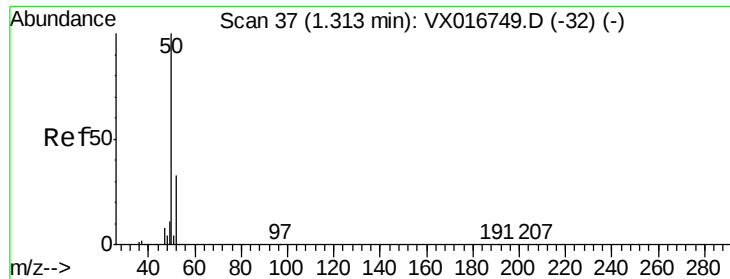
1.18

1.20

1.25

Time-->





#3

Chloromethane

Concen: 18.675 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

Tot Ion: 50 Resp: 57746

Ion Ratio Lower Upper

50 100

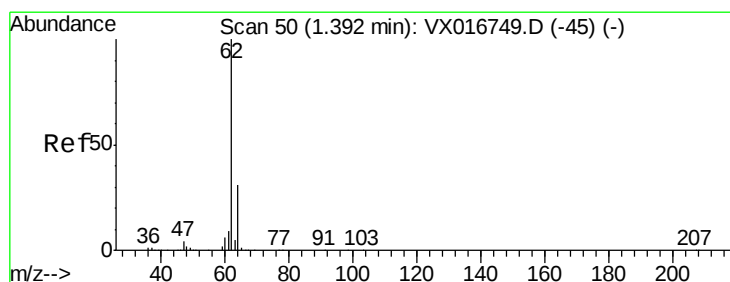
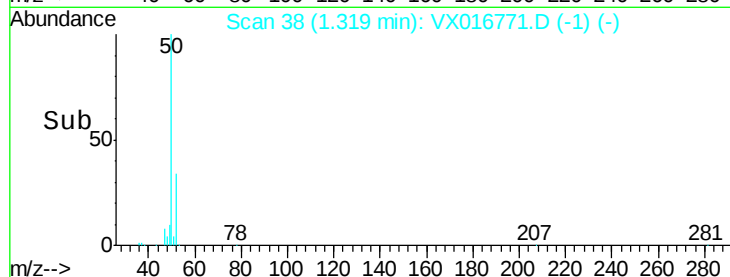
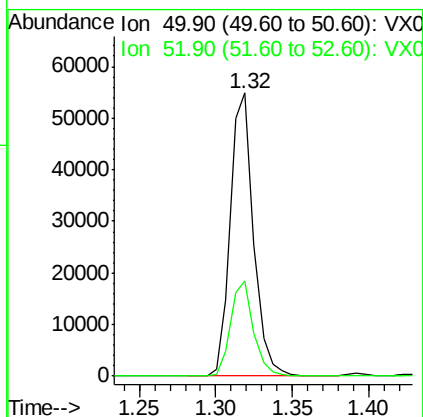
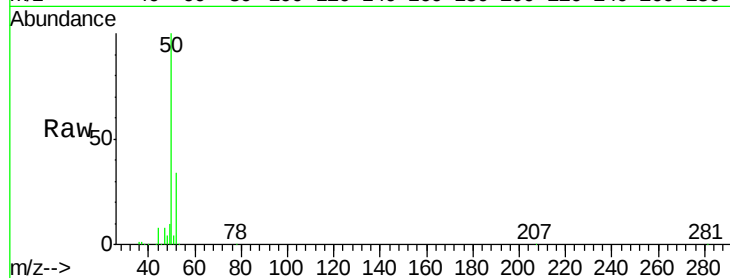
52 33.8 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.258 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016771.D

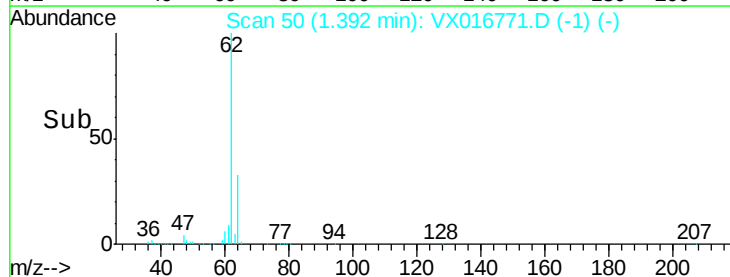
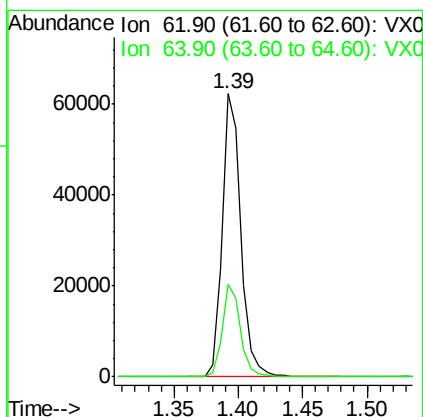
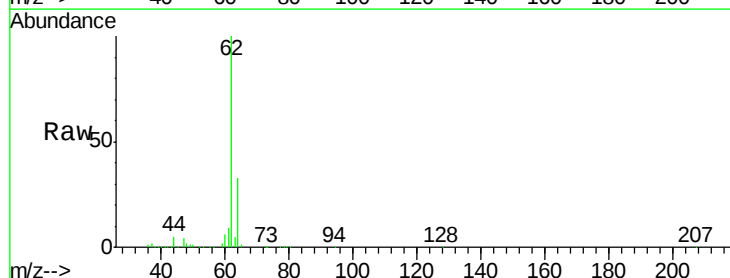
Acq: 16 Jun 2020 12:06

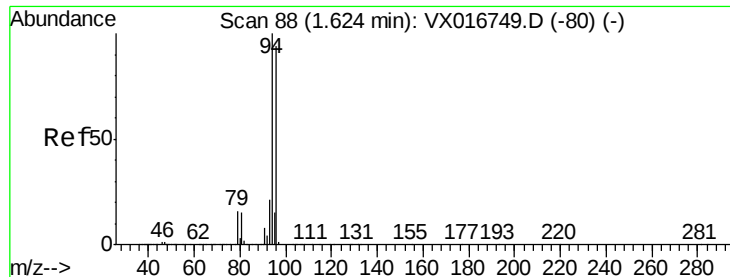
Tgt Ion: 62 Resp: 63542

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 20.237 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

Tot Ion: 94 Resp: 41469

Ion Ratio Lower Upper

94 100

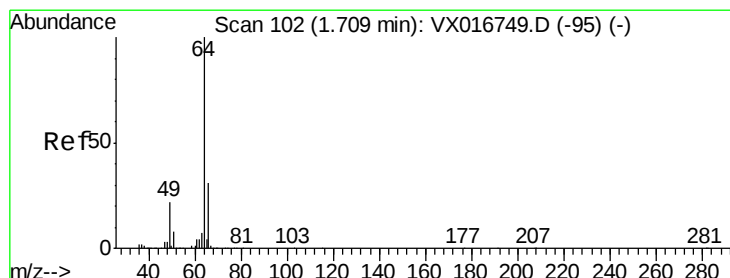
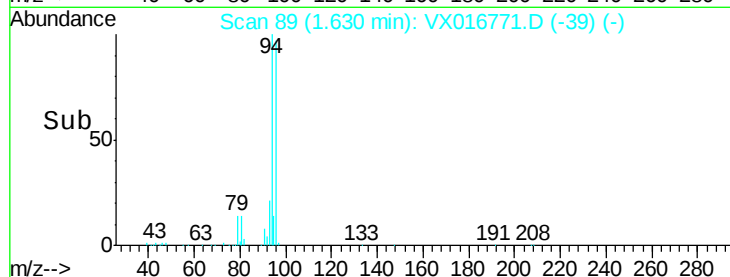
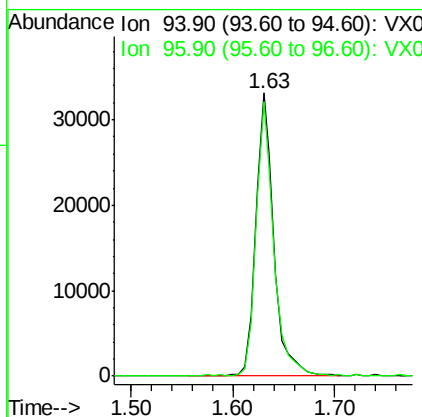
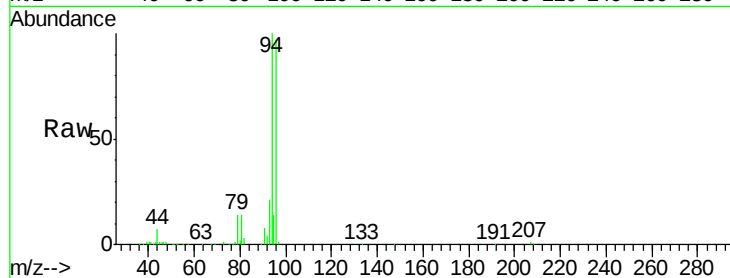
96 96.9 75.4 113.0

Manual Integrations

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#6

Chloroethane

Concen: 19.241 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016771.D

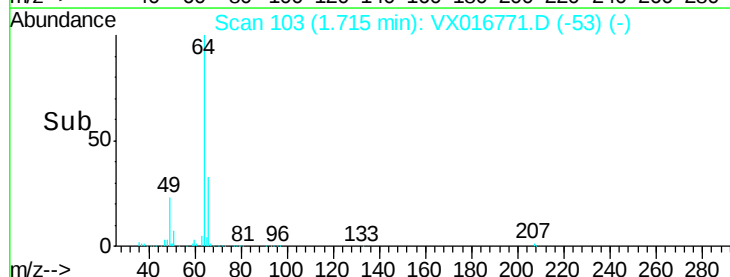
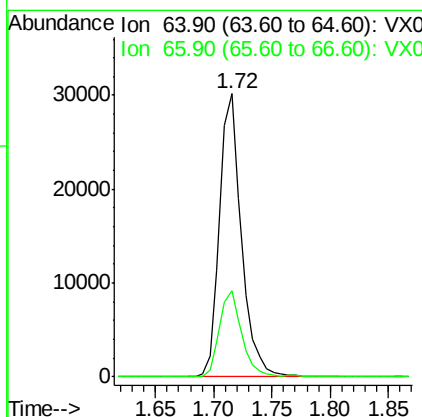
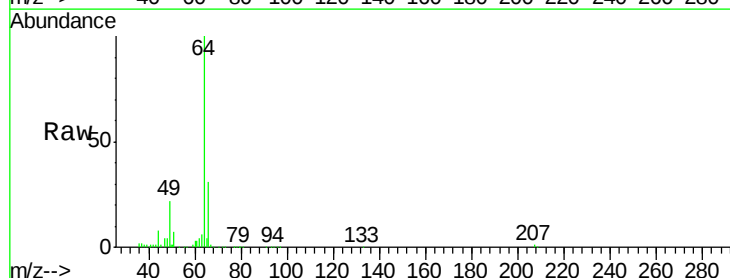
Acq: 16 Jun 2020 12:06

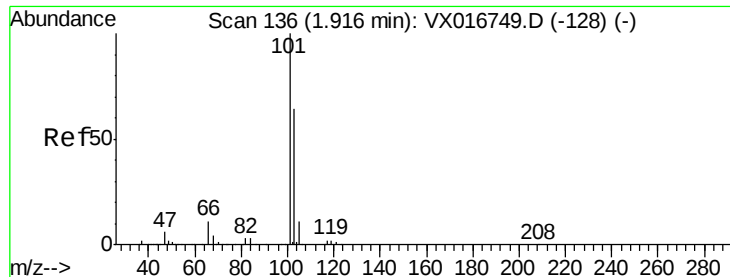
Tgt Ion: 64 Resp: 39107

Ion Ratio Lower Upper

64 100

66 30.6 25.0 37.6





#7

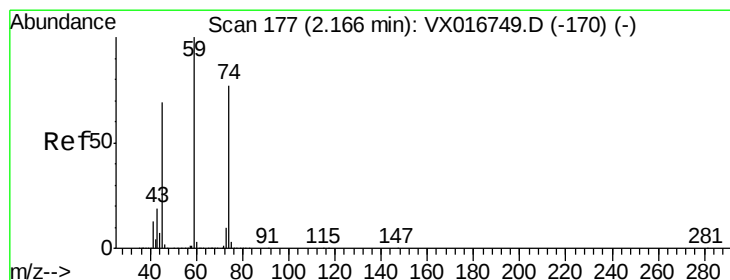
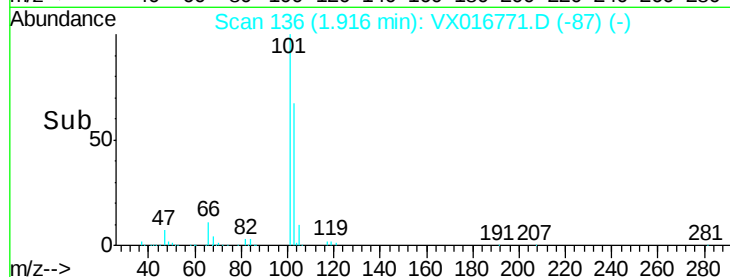
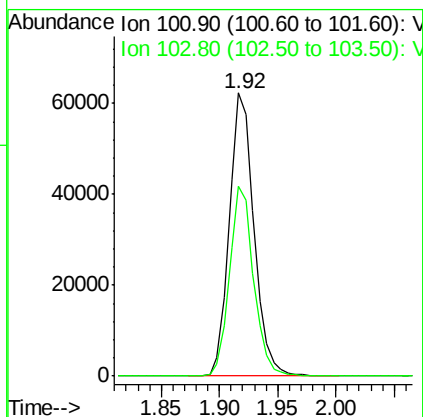
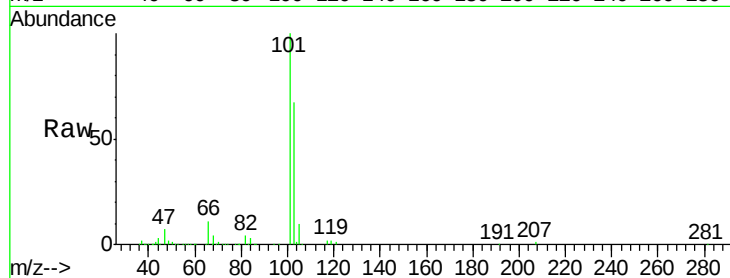
Trichlorofluoromethane
Concen: 19.321 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	51.3	76.9

Manual Integrations
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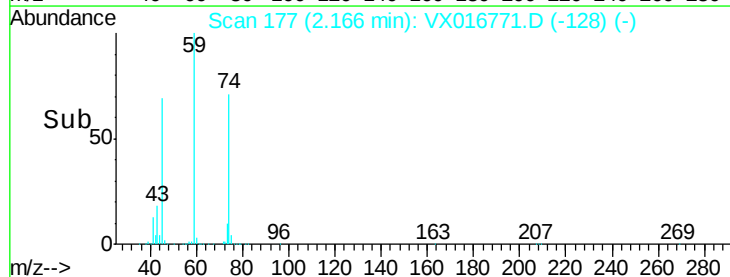
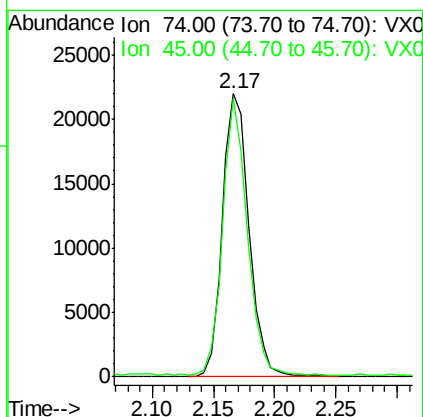
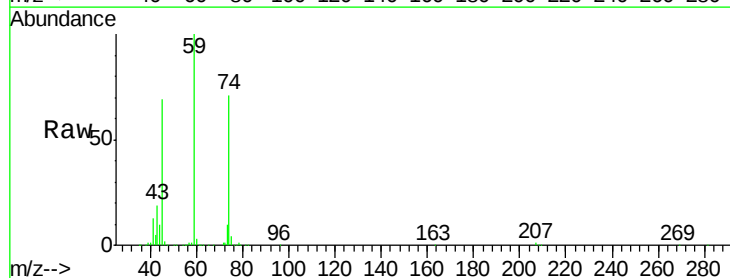
MMDadoda
6/17/2020 9:34:35 AM

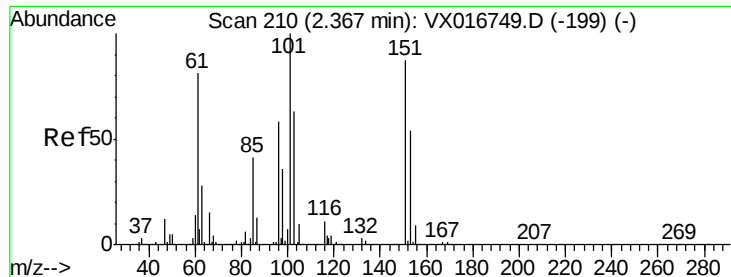


#8

Diethyl Ether
Concen: 17.084 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.1	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.335 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

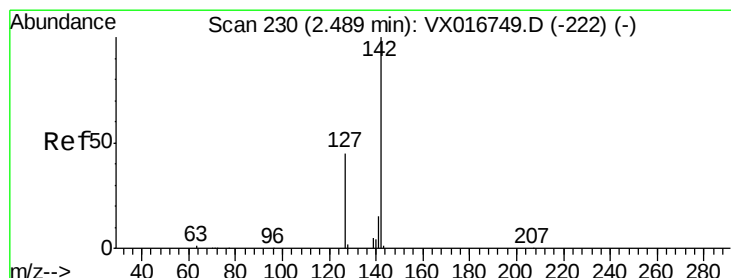
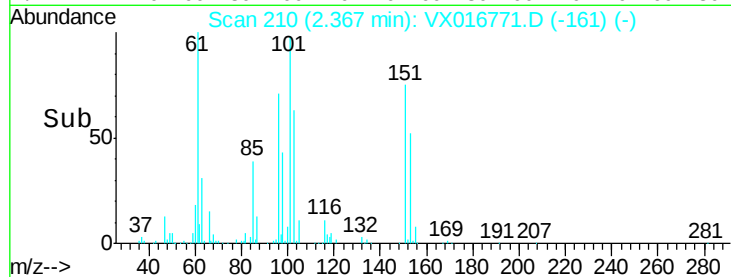
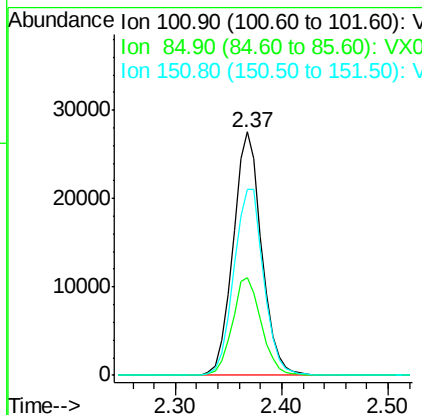
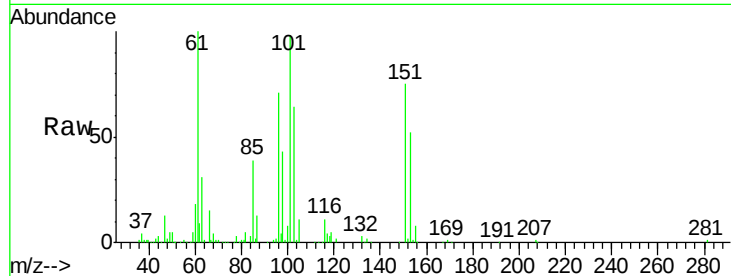
ClientSampleId :

VX0616WBS01

Tot Ion:	101	Resp:	51582
Ion Ratio	Lower	Upper	
101	100		
85	40.9	34.0	51.0
151	80.4	68.7	103.1

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#10

Methyl Iodide

Concen: 16.098 ug/l

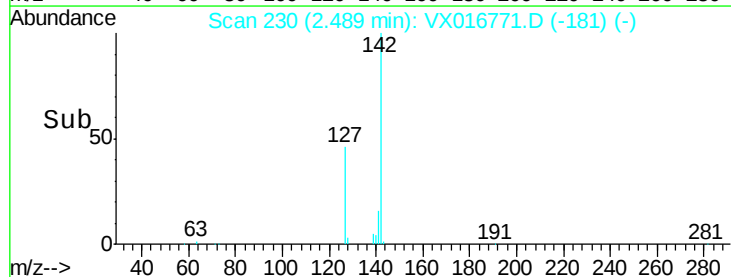
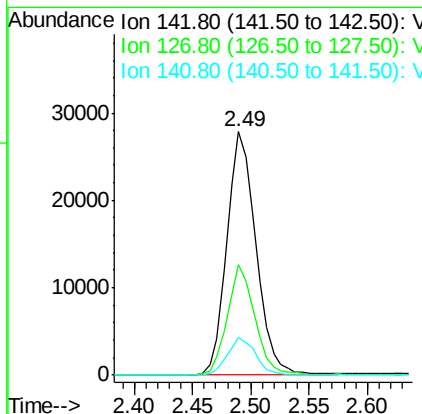
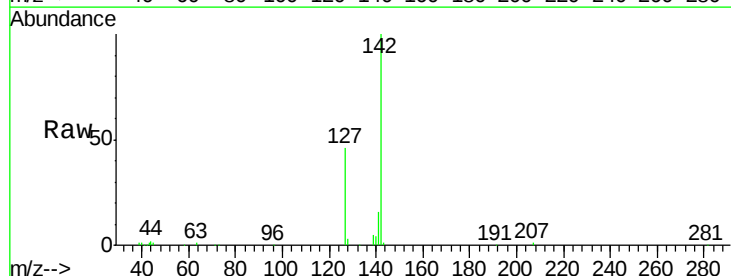
RT: 2.49 min Scan# 230

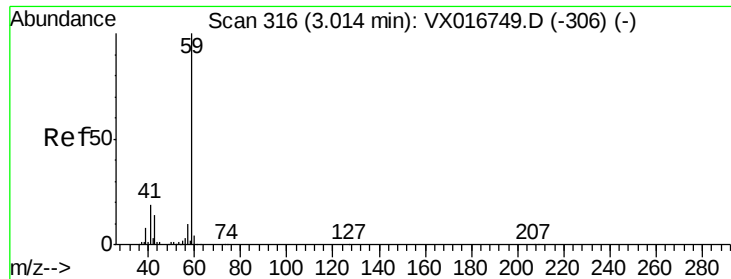
Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Tgt Ion:	142	Resp:	48648
Ion Ratio	Lower	Upper	
142	100		
127	43.0	35.4	53.2
141	15.0	11.7	17.5





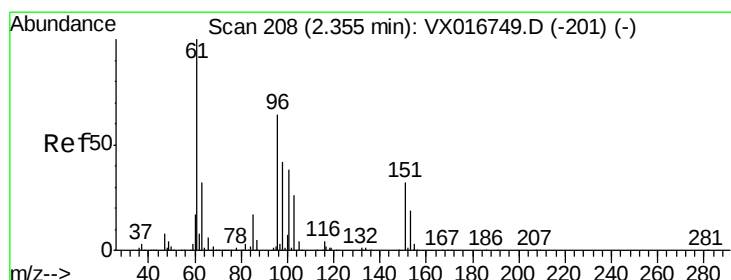
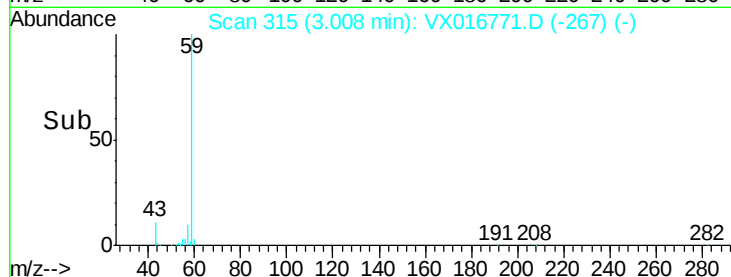
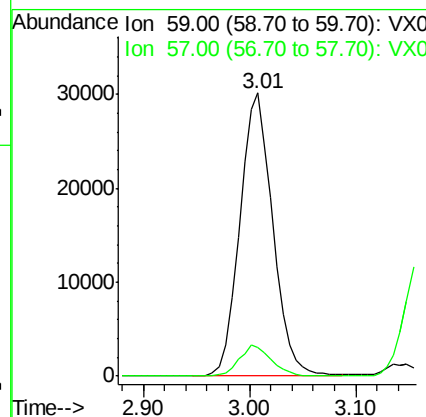
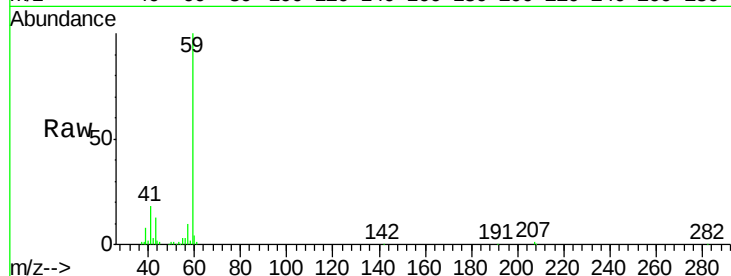
#11
Tert butyl alcohol
Concen: 81.957 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.2

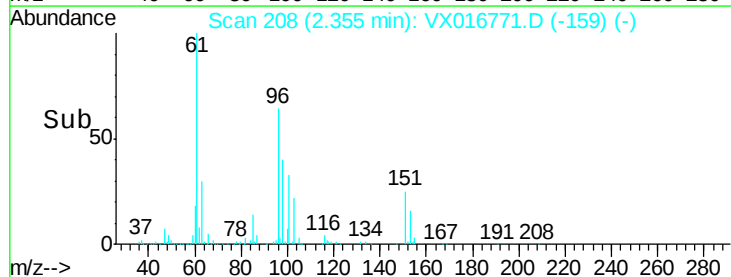
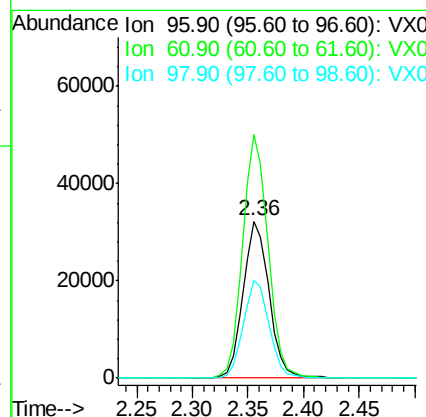
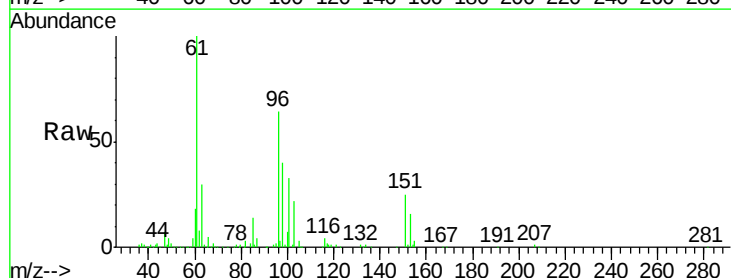
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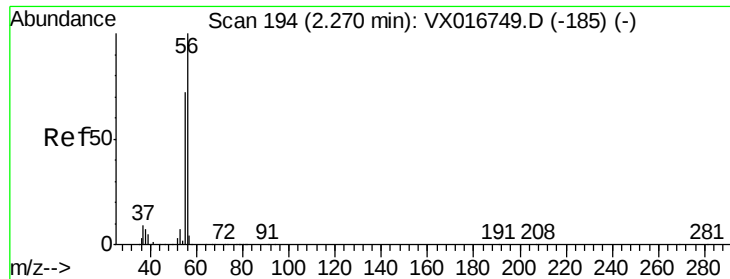
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.652 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.6	124.1	186.1
98	62.4	52.7	79.1





#13

Acrolein

Concen: 84.880 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

Tot Ion: 56 Resp: 28405

Ion Ratio Lower Upper

56 100

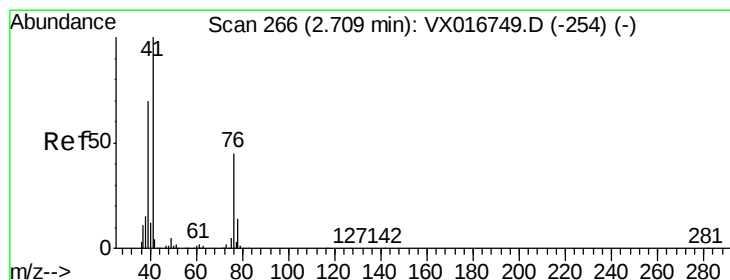
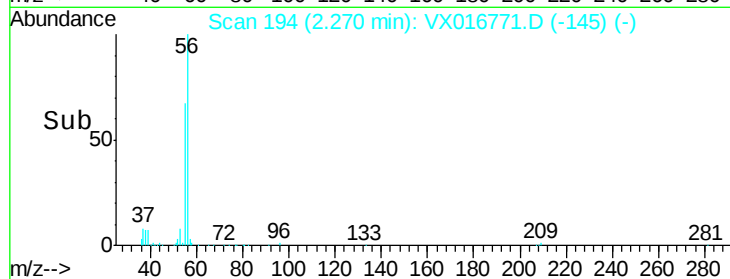
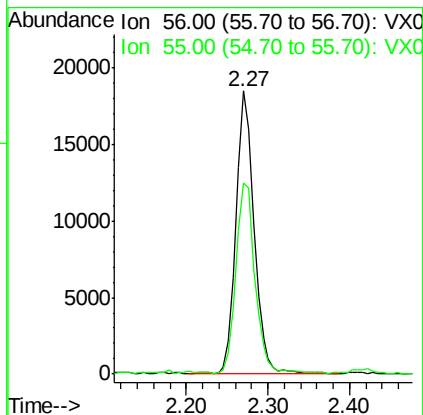
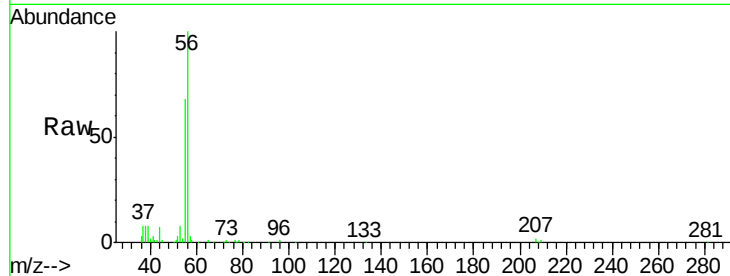
55 71.5 58.2 87.4

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#14

Allyl chloride

Concen: 18.138 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

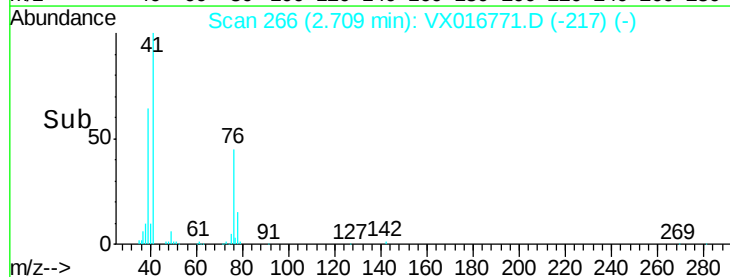
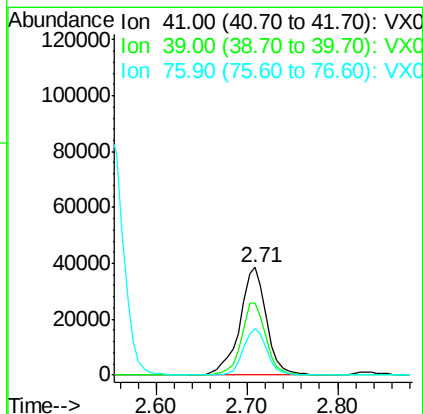
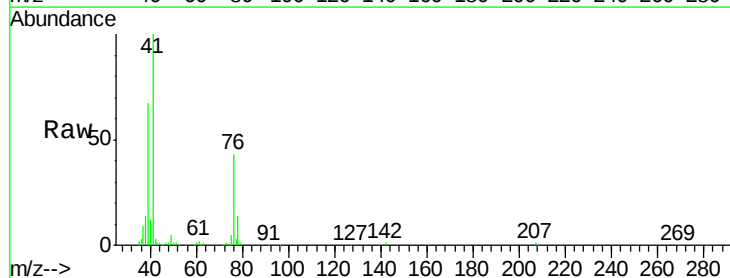
Tgt Ion: 41 Resp: 78542

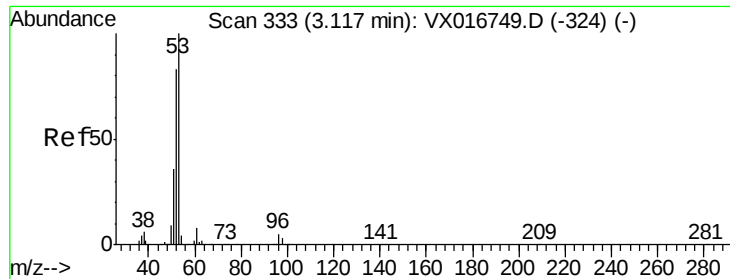
Ion Ratio Lower Upper

41 100

39 61.1 50.2 75.4

76 37.9 30.4 45.6





#15

Acrylonitrile

Concen: 89.086 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

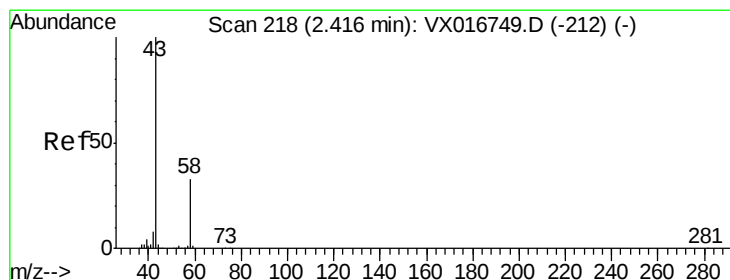
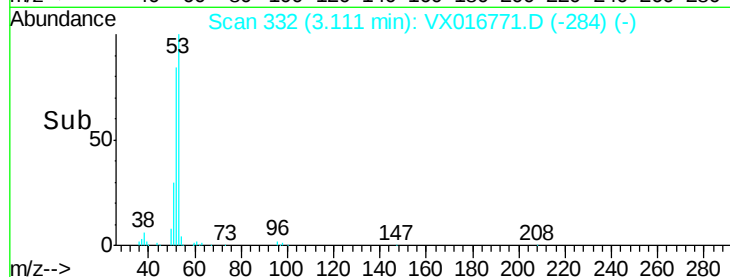
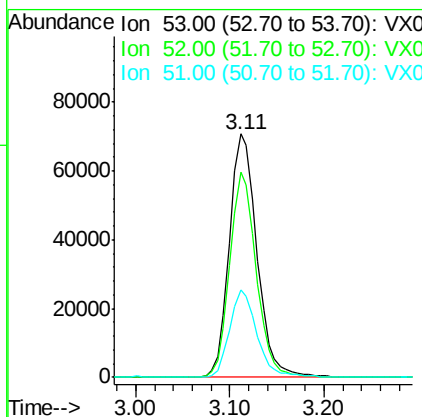
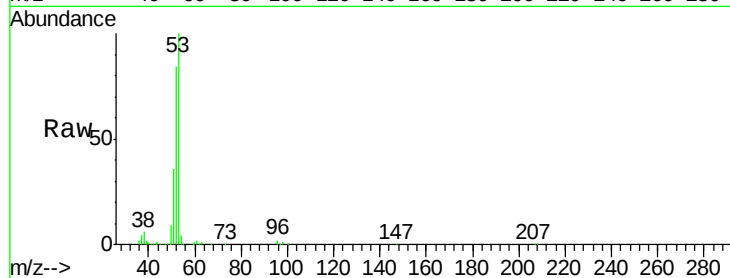
ClientSampleId :

VX0616WBS01

Tot Ion:	53	Resp:	144697
Ion Ratio	Lower	Upper	
53	100		
52	81.2	65.5	98.3
51	36.1	28.6	42.8

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#16

Acetone

Concen: 79.211 ug/l

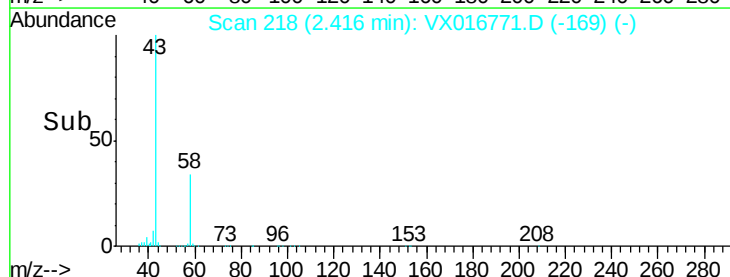
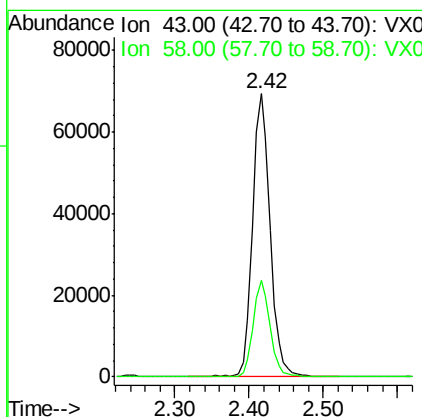
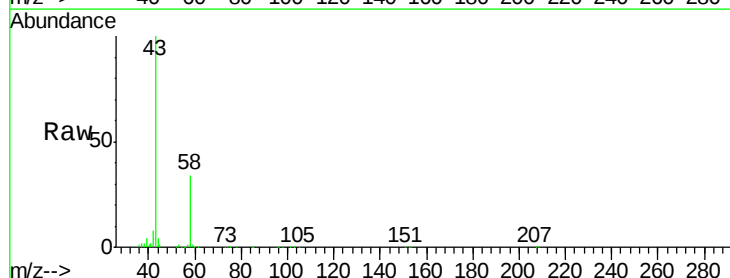
RT: 2.42 min Scan# 218

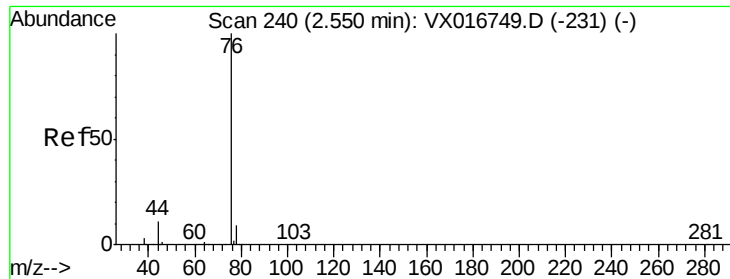
Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Tgt Ion:	43	Resp:	114483
Ion Ratio	Lower	Upper	
43	100		
58	34.1	26.3	39.5





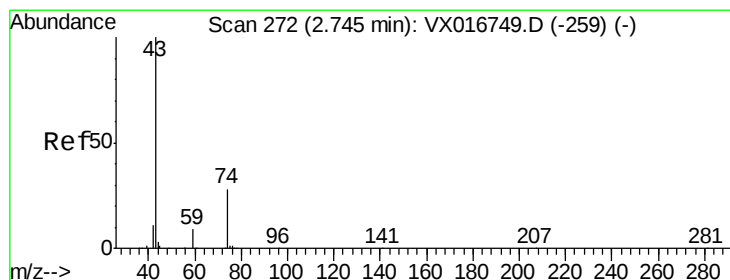
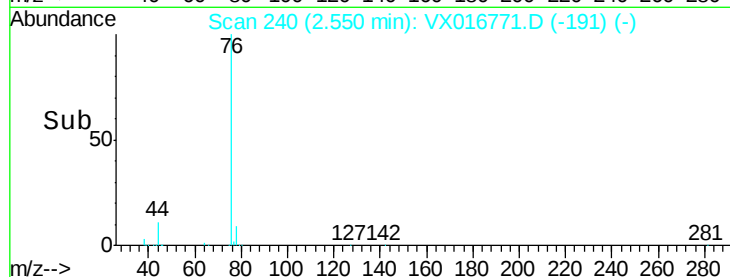
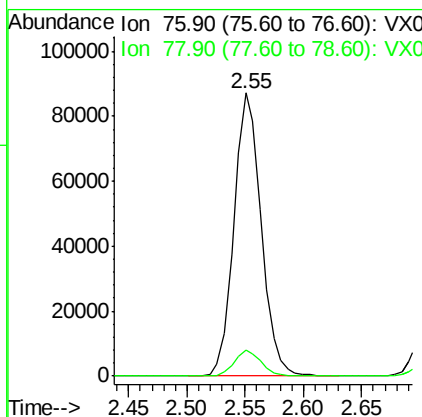
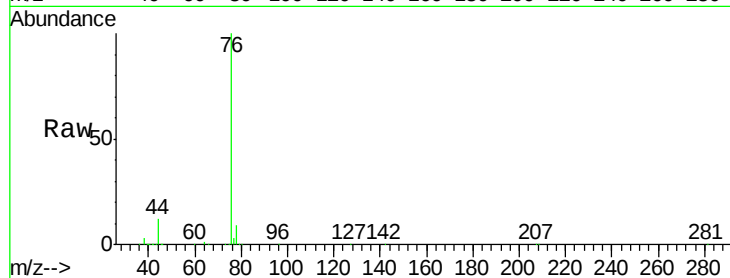
#17
Carbon Disulfide
Concen: 17.892 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.3	10.9

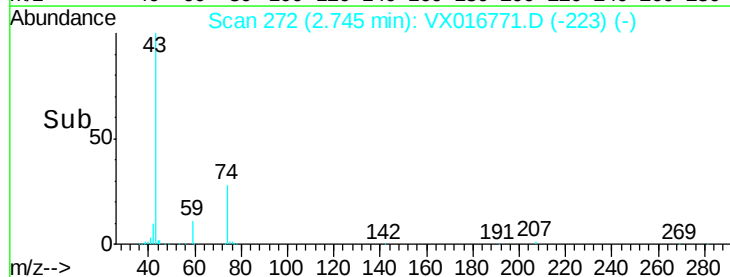
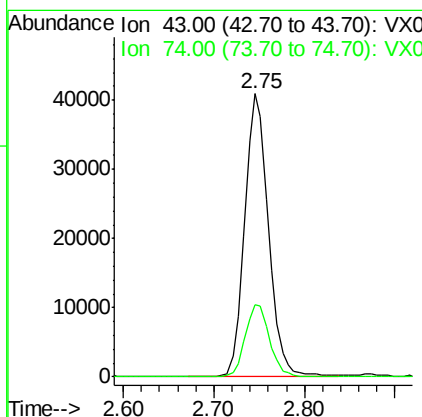
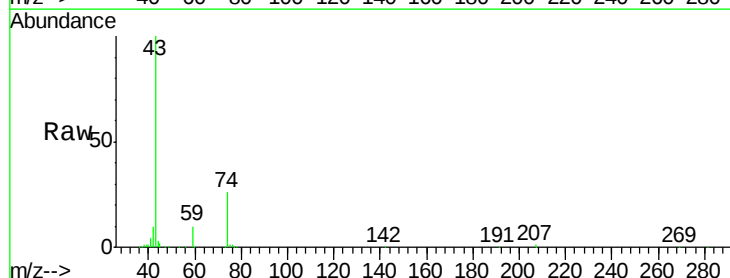
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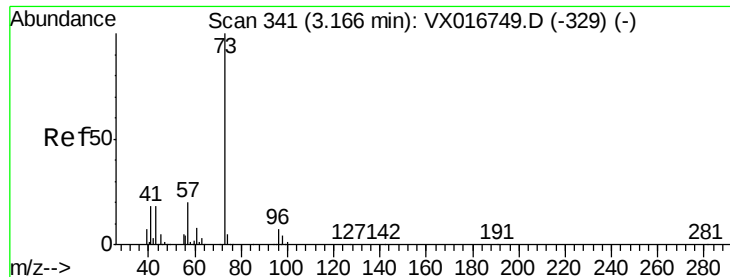
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#18
Methyl Acetate
Concen: 19.127 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	22.4	33.6





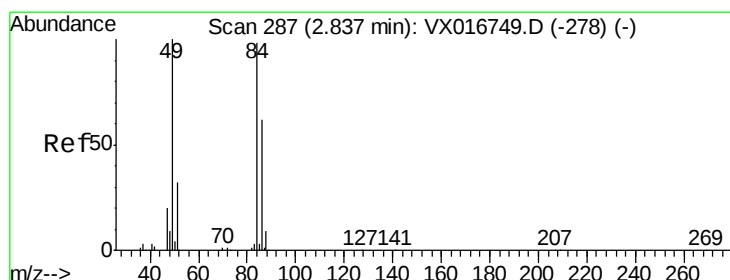
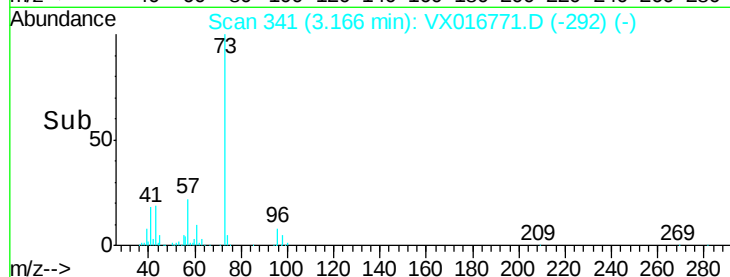
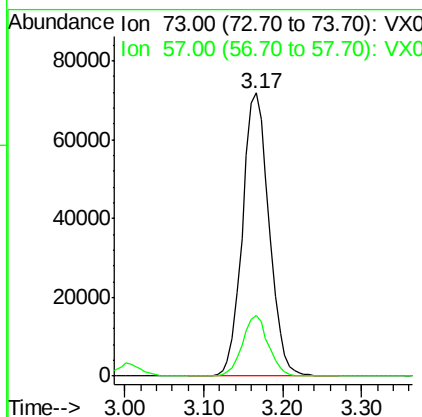
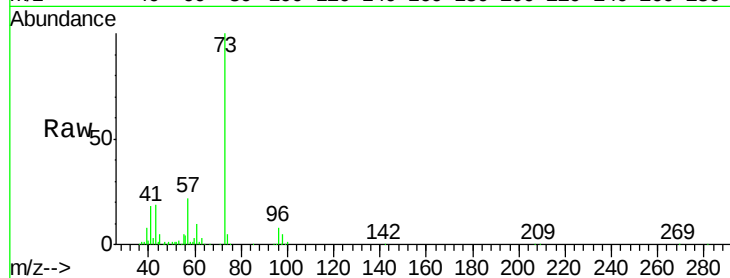
#19
Methyl tert-butyl Ether
Concen: 17.924 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.2	24.4

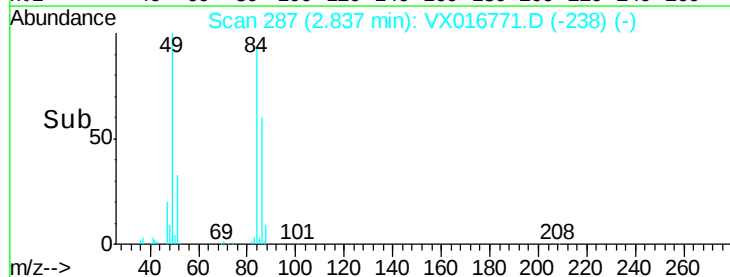
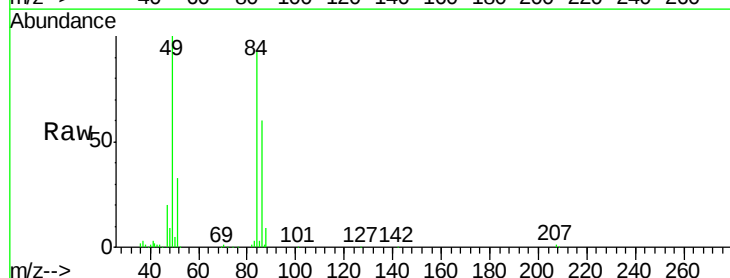
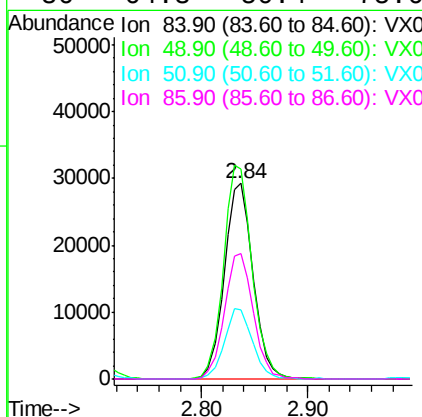
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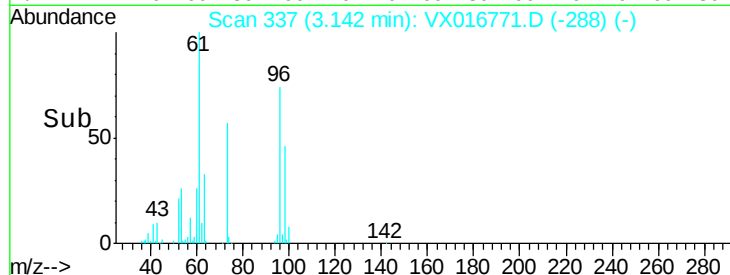
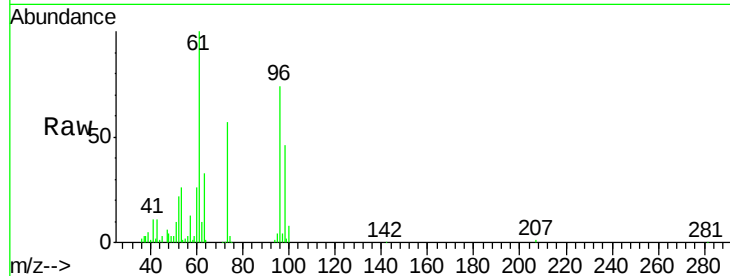
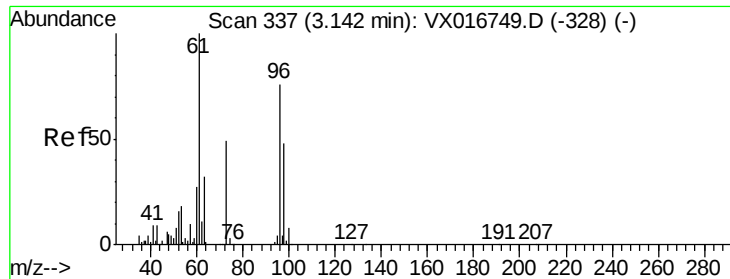
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#20
Methylene Chloride
Concen: 17.709 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.4	81.8	122.8
51	35.3	25.8	38.8
86	64.3	50.4	75.6





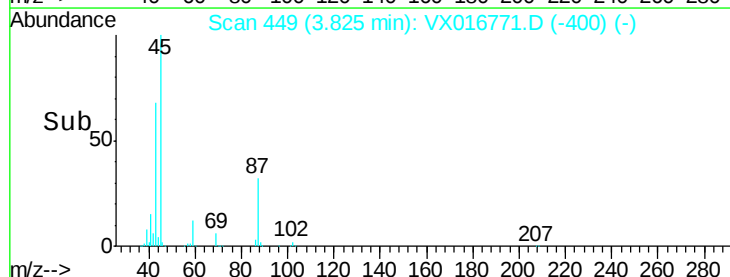
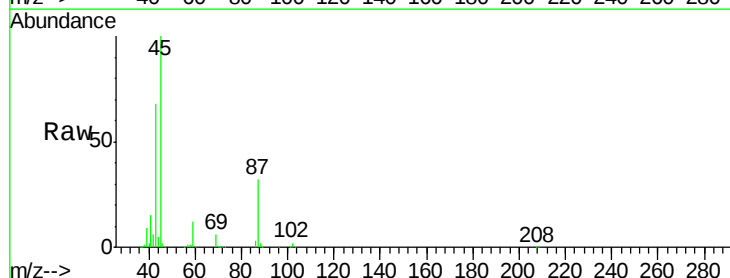
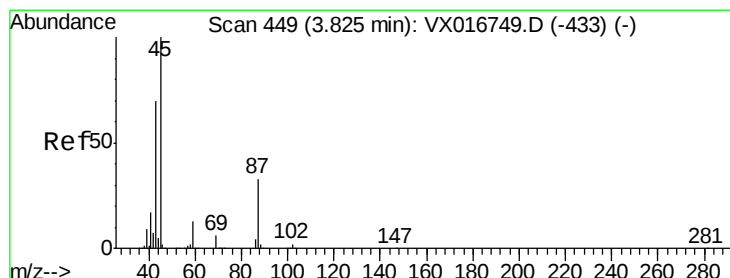
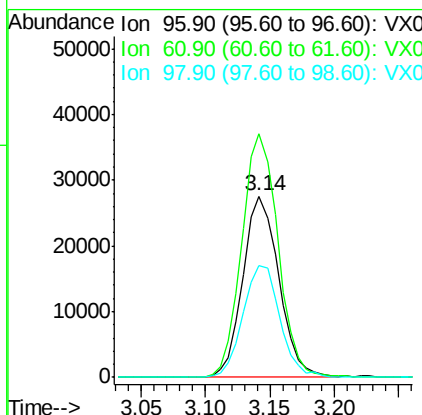
#21
trans-1,2-Dichloroethene
Concen: 17.937 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.6	105.4	158.2
98	61.5	50.8	76.2

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

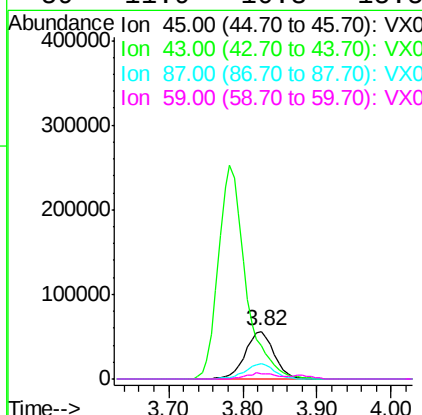
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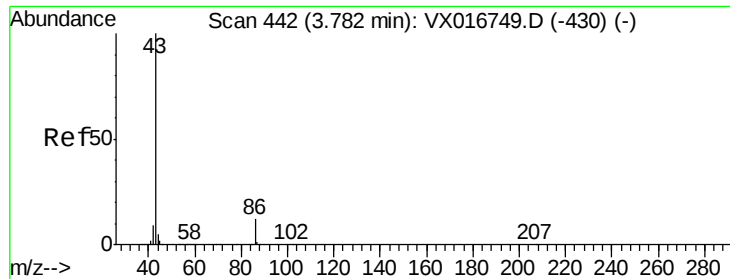
MMDadoda
6/17/2020 9:34:35 AM



#22
Diisopropyl ether
Concen: 18.848 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.2	56.2	84.4
87	32.1	26.2	39.4
59	11.9	10.3	15.5





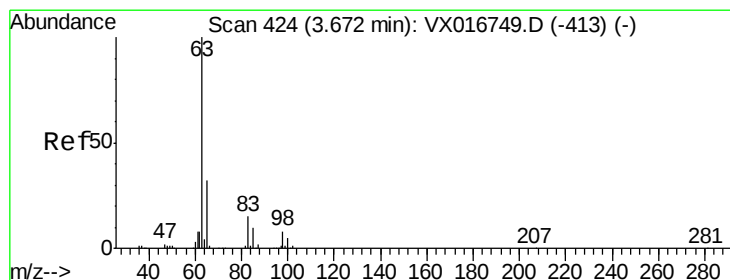
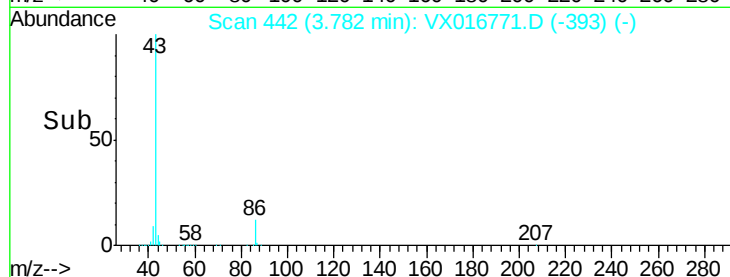
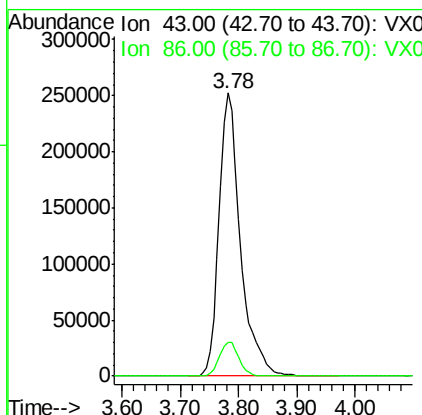
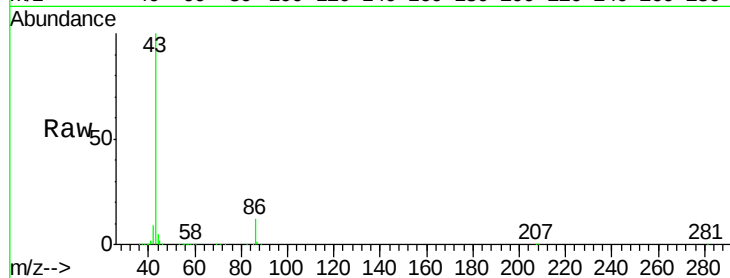
#23
 Vinyl Acetate
 Concen: 91.534 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	12.1	9.8	14.8

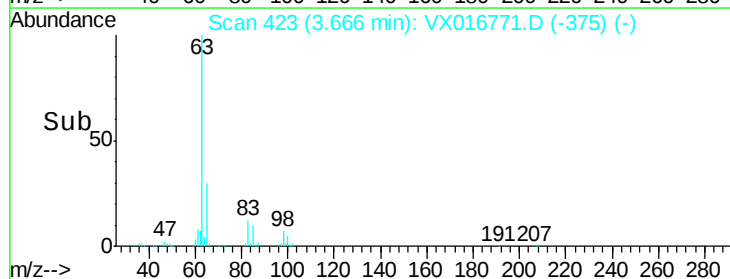
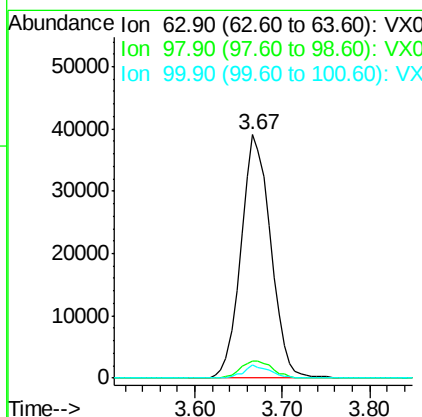
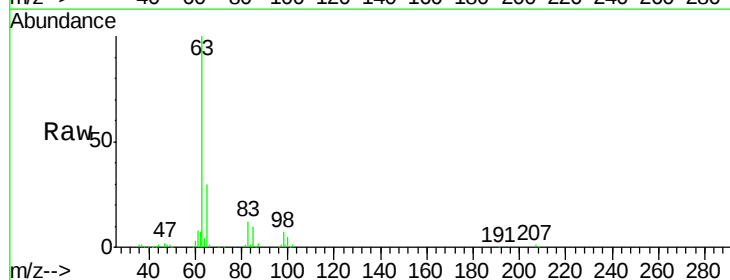
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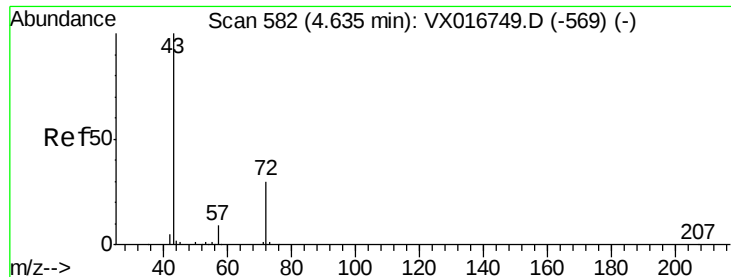
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#24
 1,1-Dichloroethane
 Concen: 18.117 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.8	11.4
100	5.2	2.3	6.9





#25

2-Butanone

Concen: 87.674 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

Tot Ion: 43 Resp: 190971

Ion Ratio Lower Upper

43 100

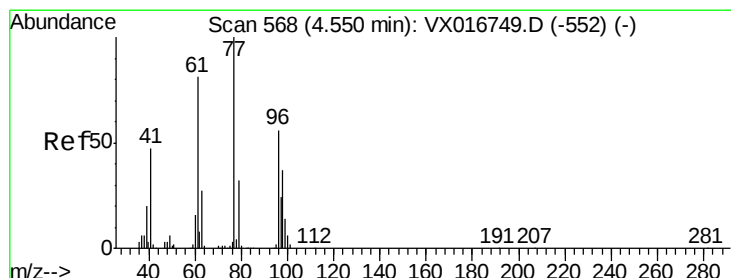
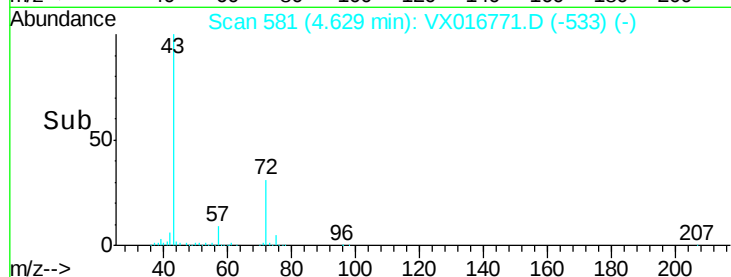
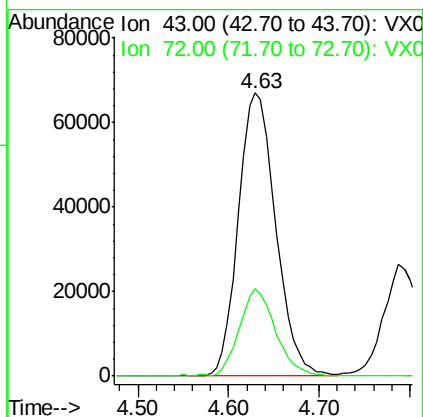
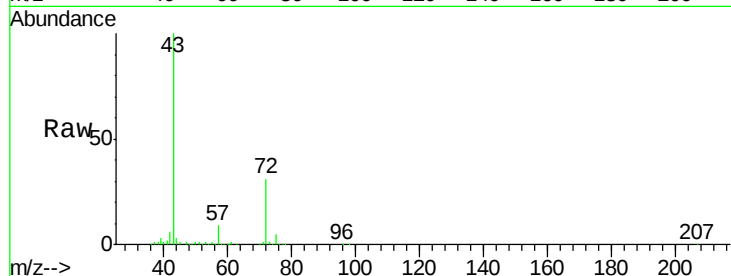
72 30.9 24.2 36.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.453 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016771.D

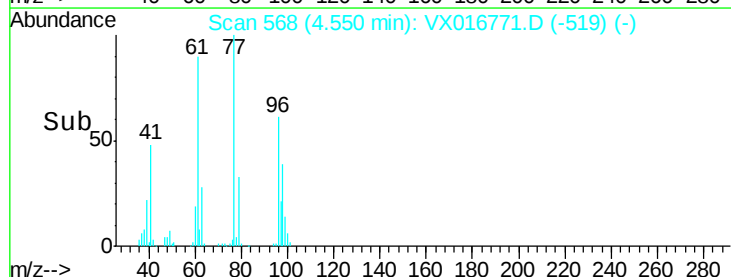
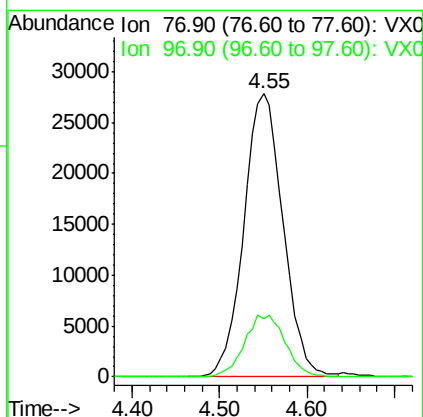
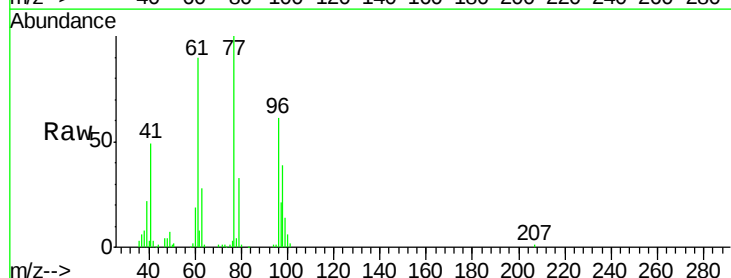
Acq: 16 Jun 2020 12:06

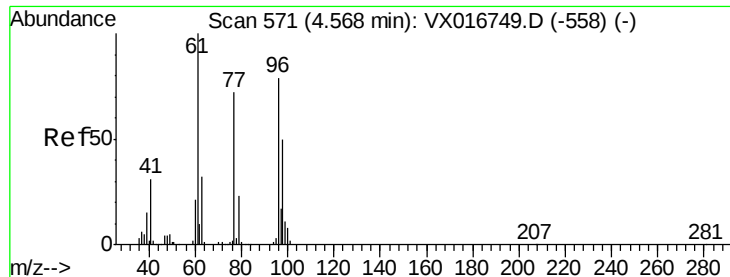
Tgt Ion: 77 Resp: 86920

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4





#27

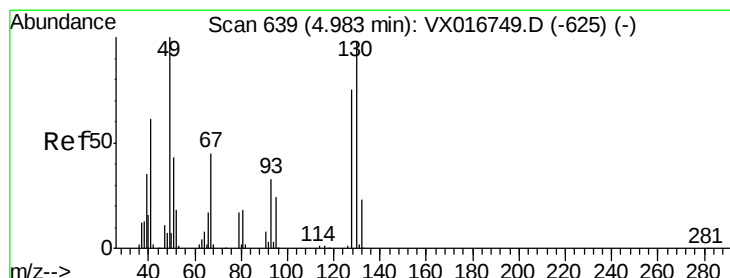
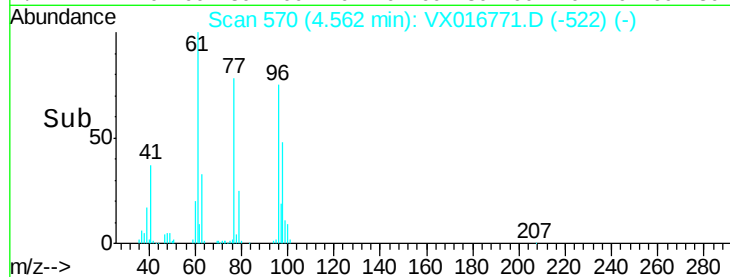
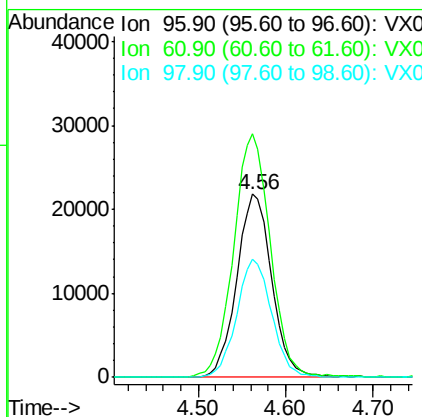
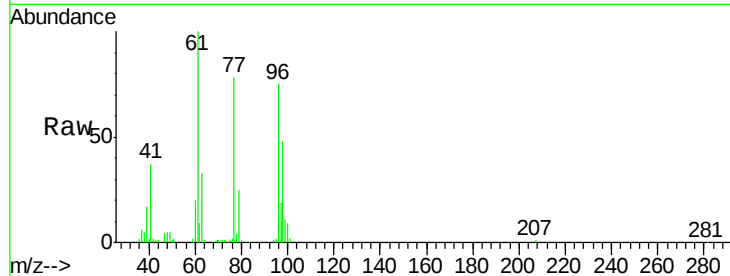
cis-1,2-Dichloroethene
Concen: 17.850 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	276.2
98	64.2	0.0	130.0

Manual Integrations
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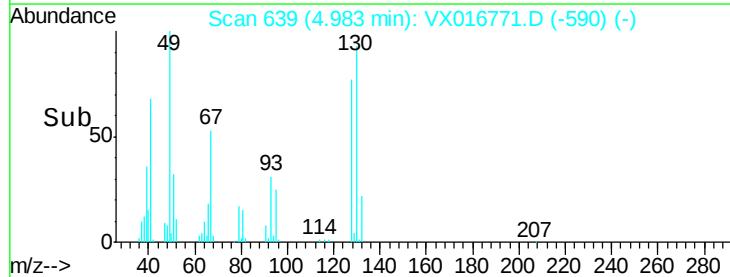
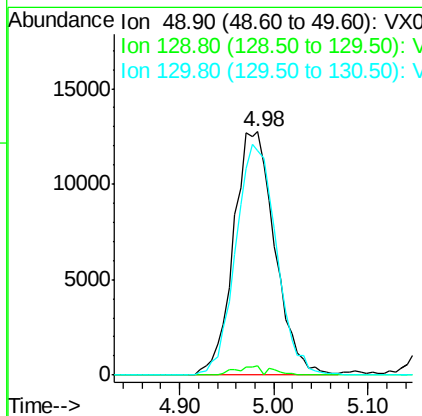
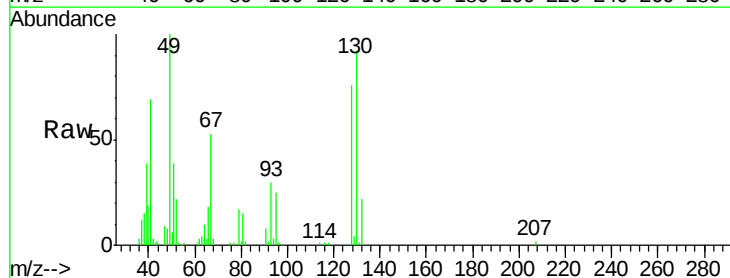
MMDadoda
6/17/2020 9:34:35 AM

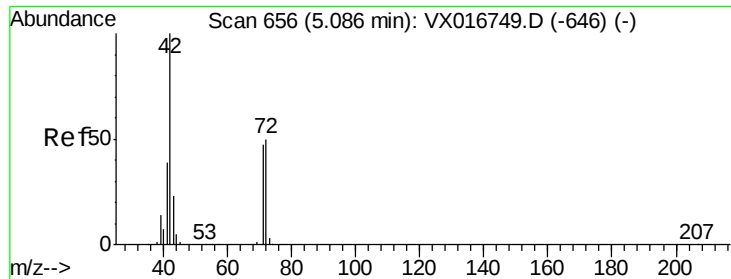


#28

Bromochloromethane
Concen: 18.025 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.8
130	93.4	76.0	114.0





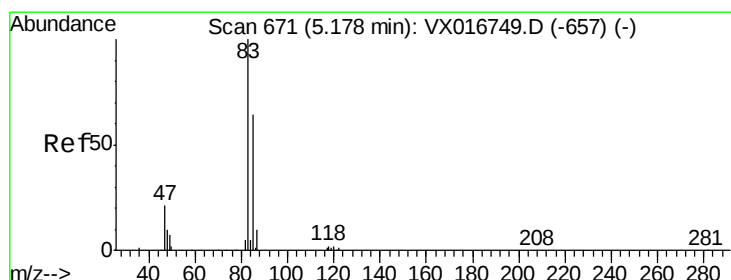
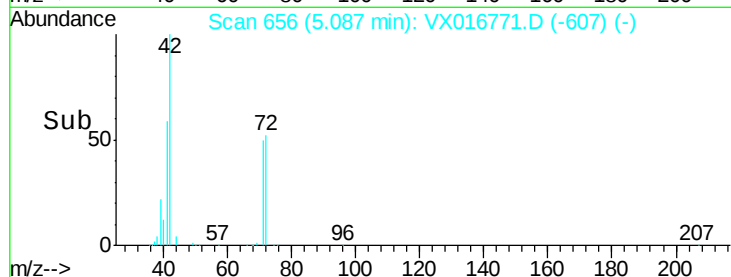
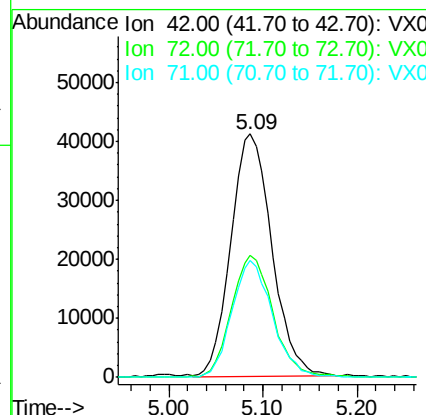
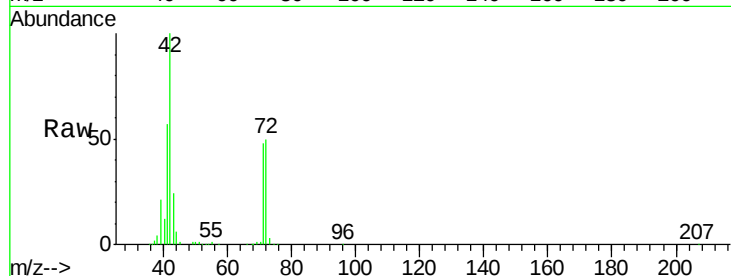
#29
Tetrahydrofuran
Concen: 88.610 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.1	41.0	61.6
71	47.6	38.2	57.4

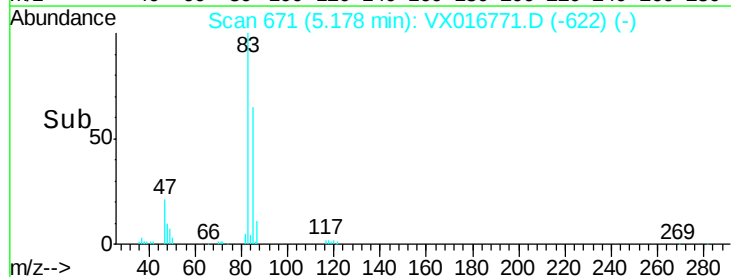
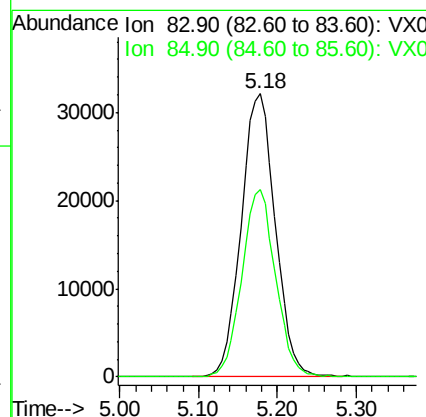
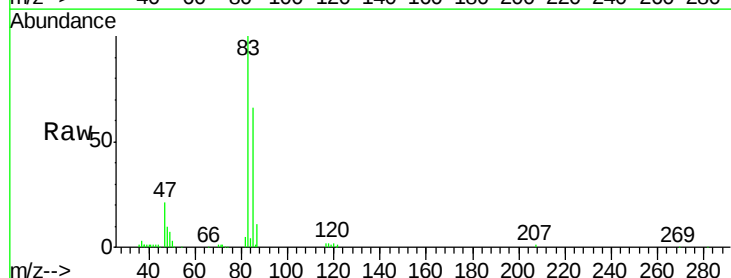
Manual Integrations
APPROVED

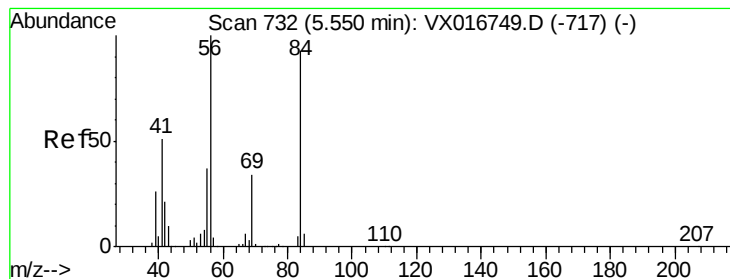
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6/17/2020 9:34:35 AM



#30
Chloroform
Concen: 17.971 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.8	76.2





#31

Cyclohexane

Concen: 19.888 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

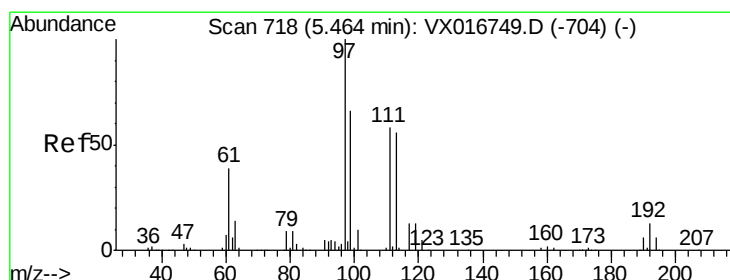
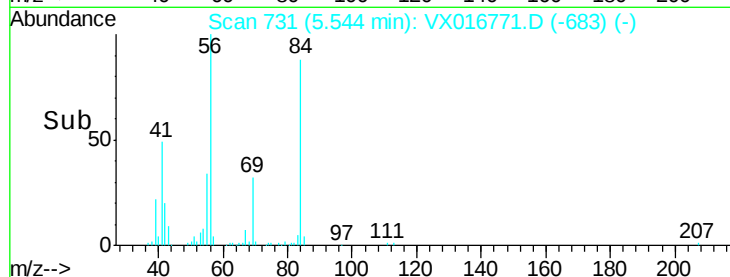
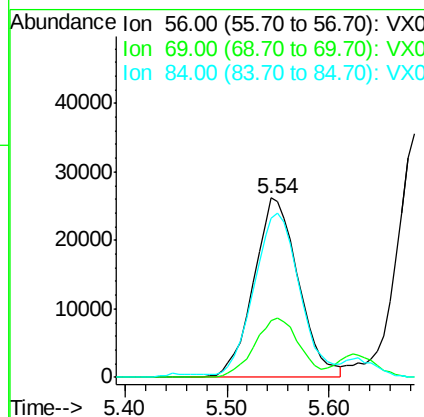
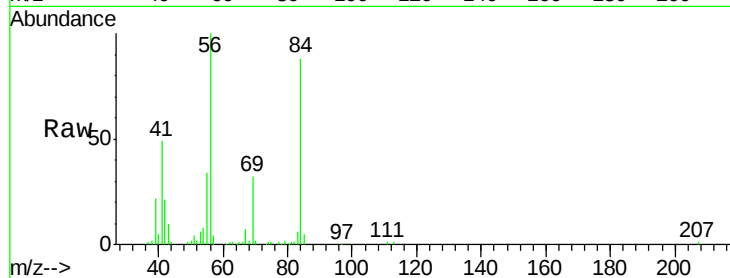
ClientSampleId :

VX0616WBS01

Tot Ion:	56	Resp:	79731
Ion Ratio	Lower	Upper	
56	100		
69	31.9	27.1	40.7
84	86.8	74.0	111.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.679 ug/l

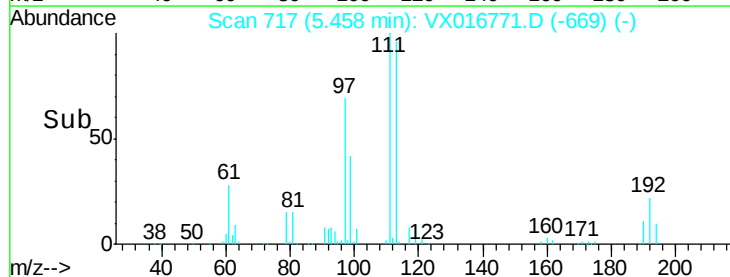
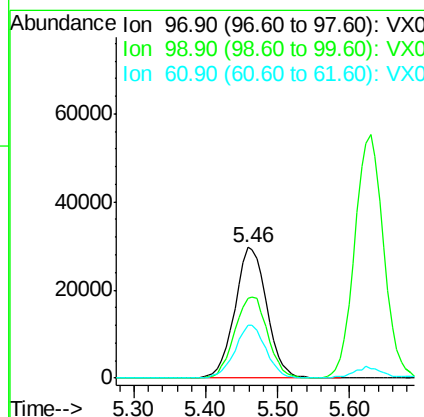
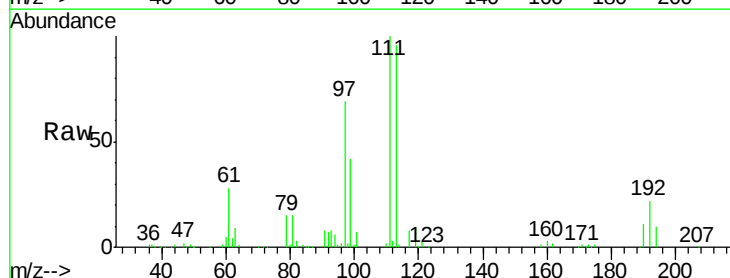
RT: 5.46 min Scan# 717

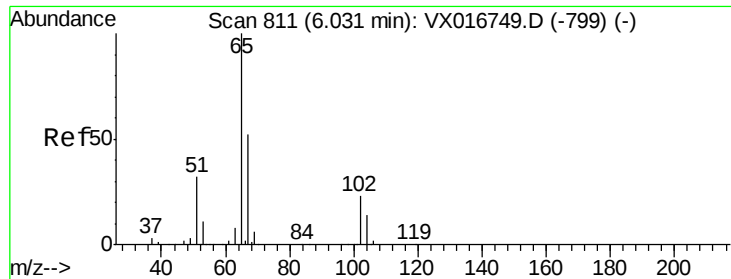
Delta R.T. -0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Tgt Ion:	97	Resp:	91221
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.5	77.3
61	39.5	31.3	46.9





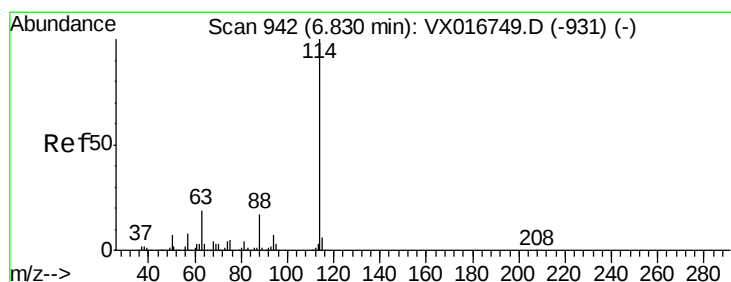
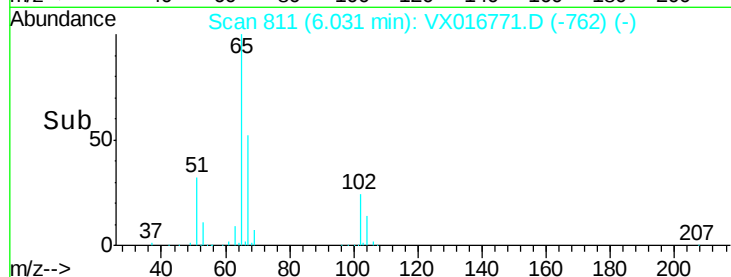
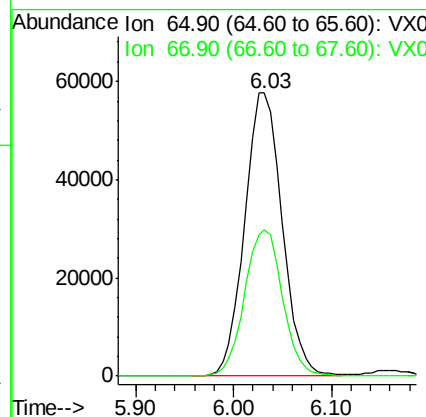
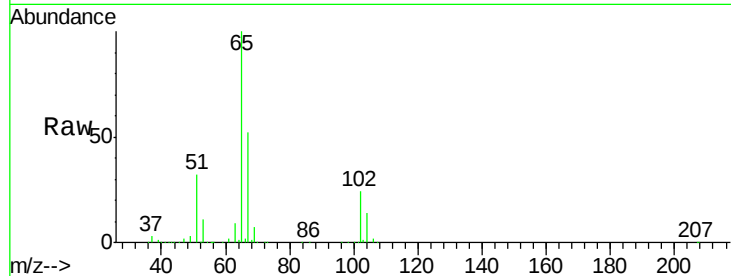
#33
 1,2-Dichloroethane-d4
 Concen: 48.331 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.3	0.0	103.0	

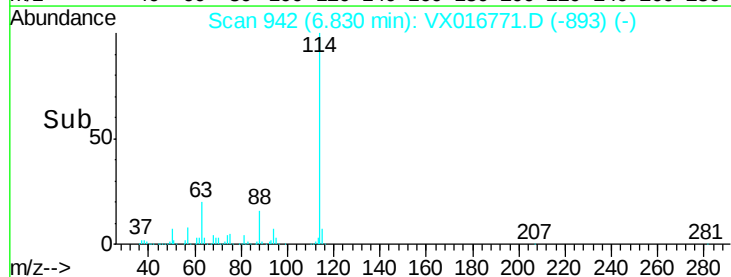
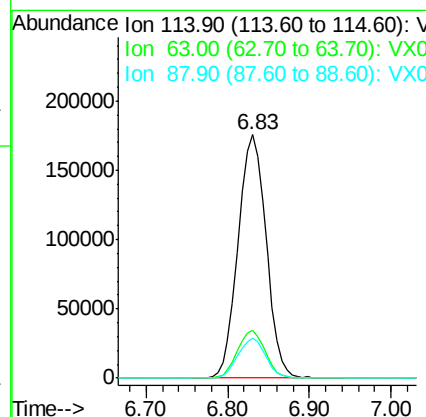
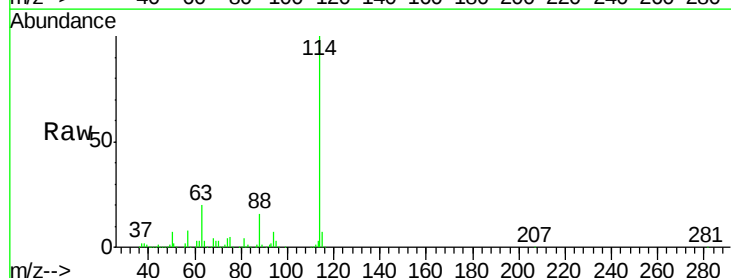
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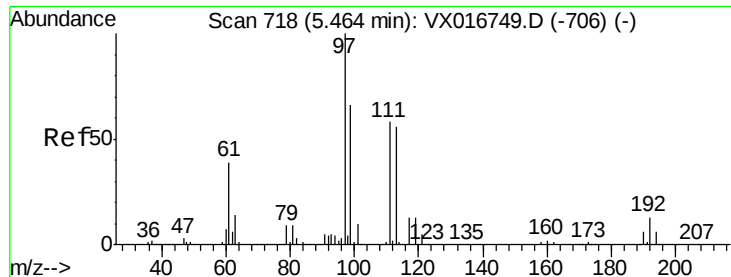
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 6/17/2020 9:34:35 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.5	0.0	38.8	
88	16.4	0.0	33.4	





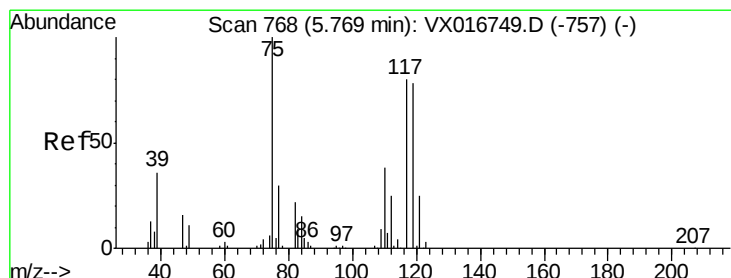
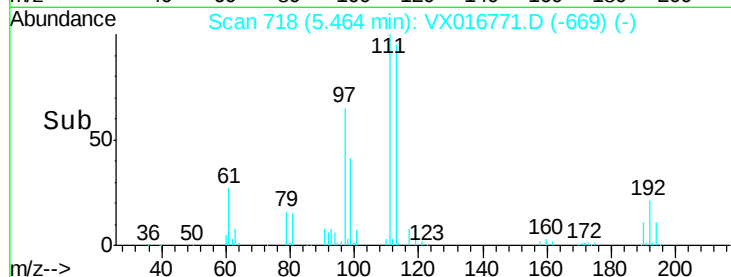
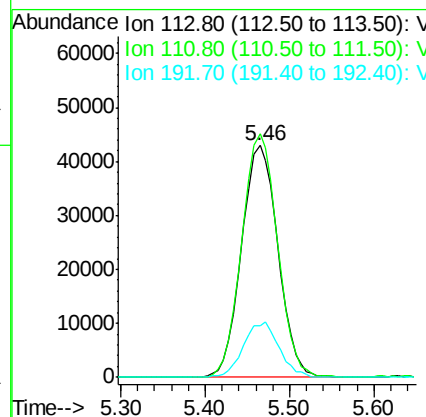
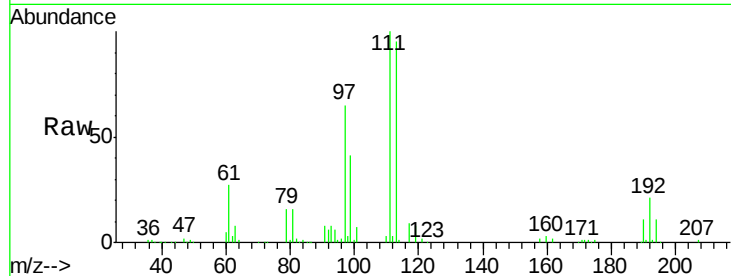
#35
Dibromofluoromethane
Concen: 48.765 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125812		
111	103.2	81.8	122.6	
192	23.3	18.2	27.4	

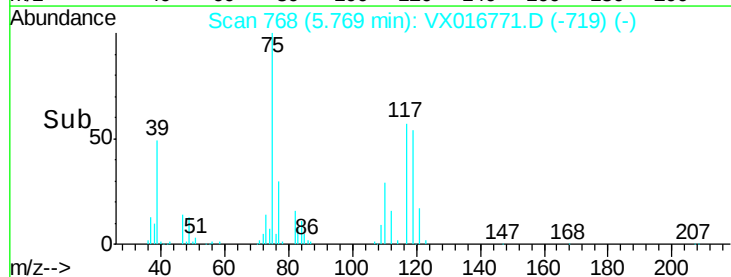
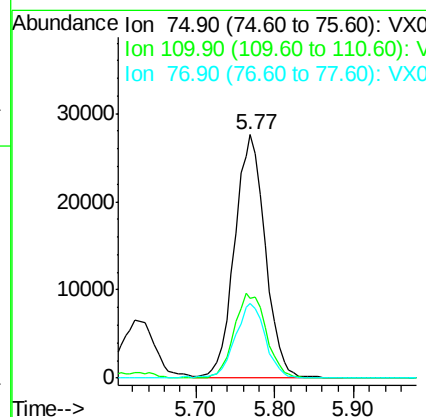
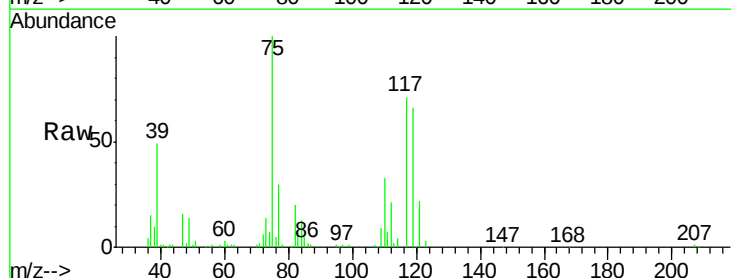
Manual Integrations
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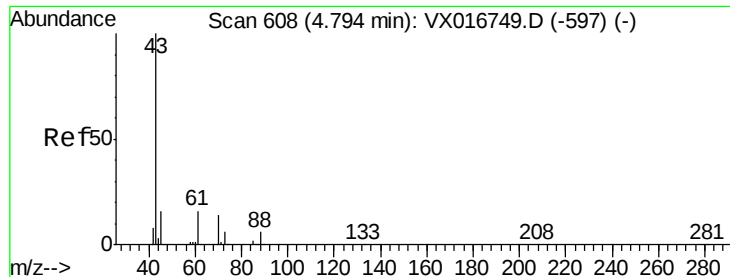
MMDadoda
6/17/2020 9:34:35 AM



#36
1,1-Dichloropropene
Concen: 20.141 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	74426		
110	36.3	18.4	55.2	
77	29.5	24.7	37.1	





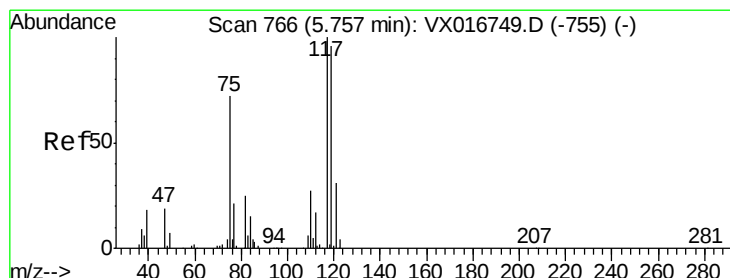
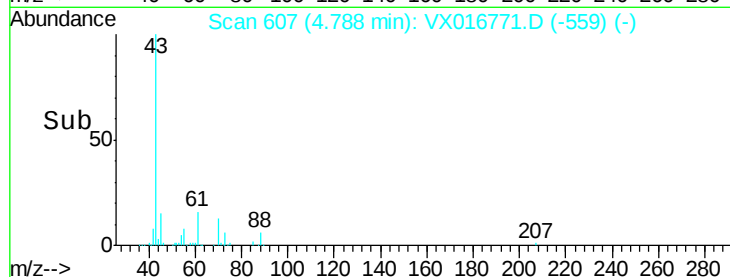
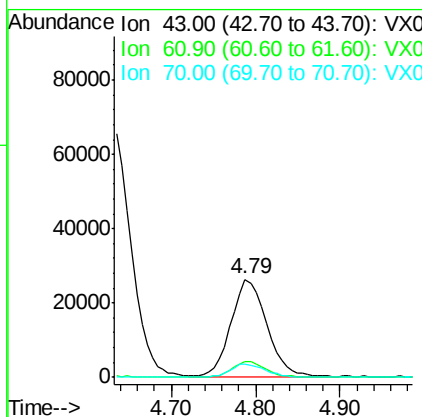
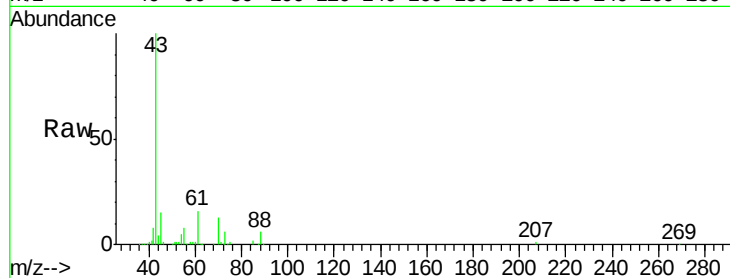
#37
Ethyl Acetate
Concen: 18.751 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.4	18.6
70	13.2	10.8	16.2

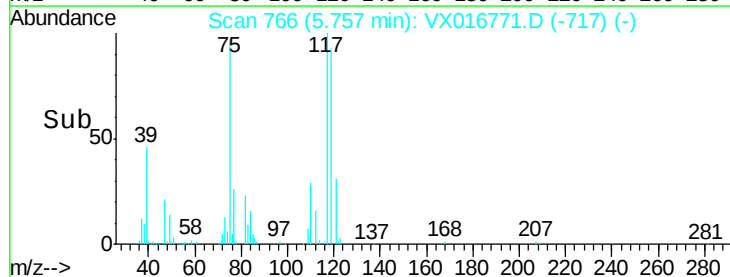
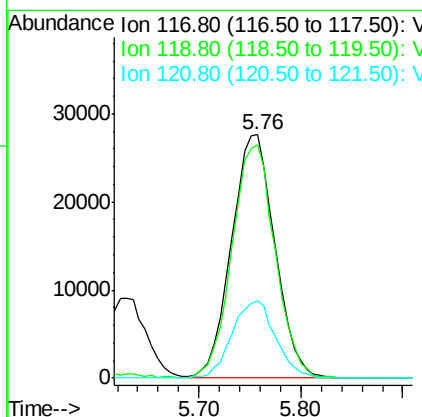
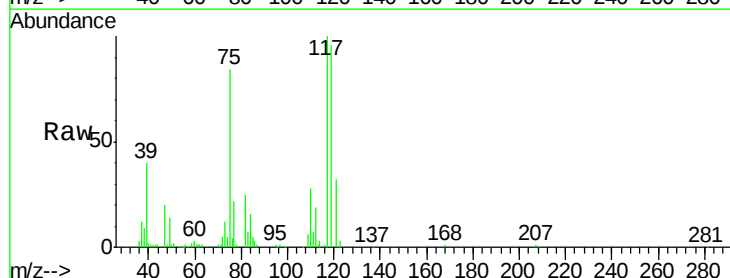
Manual Integrations
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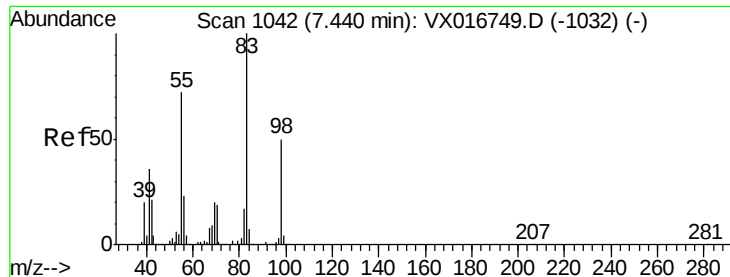
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#38
Carbon Tetrachloride
Concen: 19.399 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.7	115.1
121	31.7	24.7	37.1





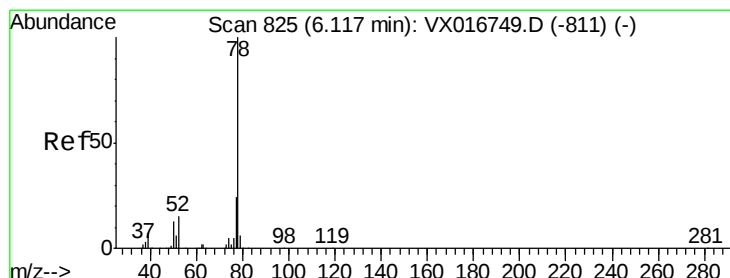
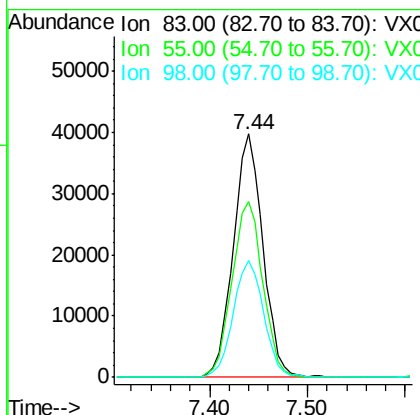
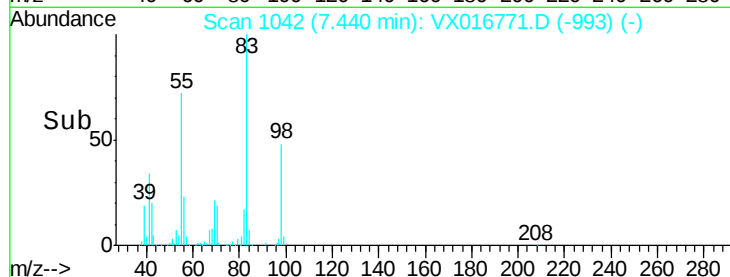
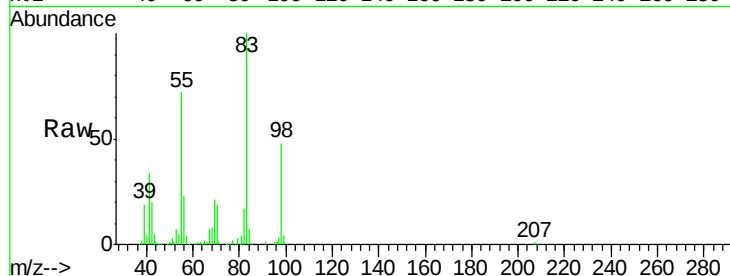
#39
Methvlcvclohexane
Concen: 20.044 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.4	57.3	85.9
98	48.1	40.3	60.5

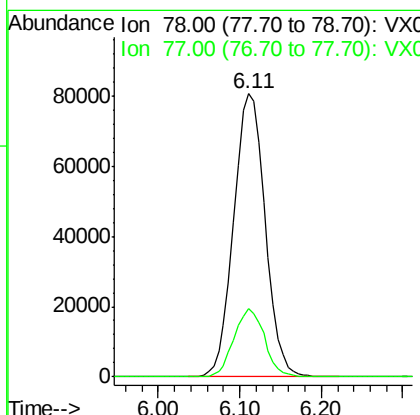
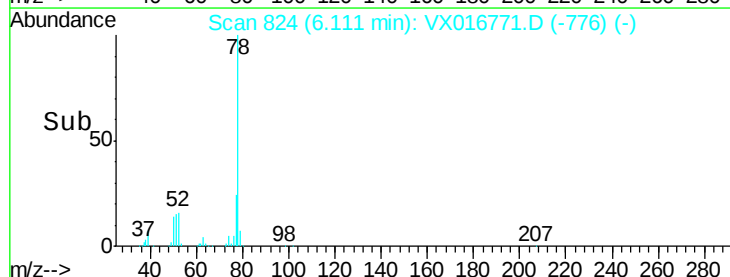
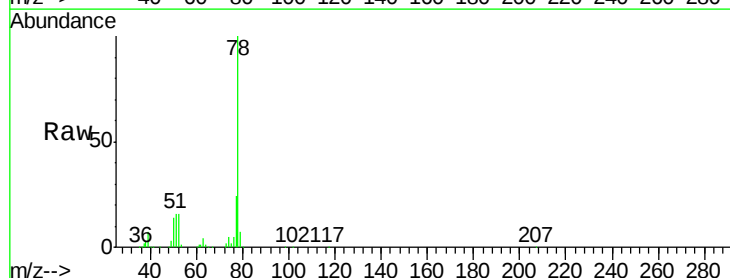
Manual Integrations
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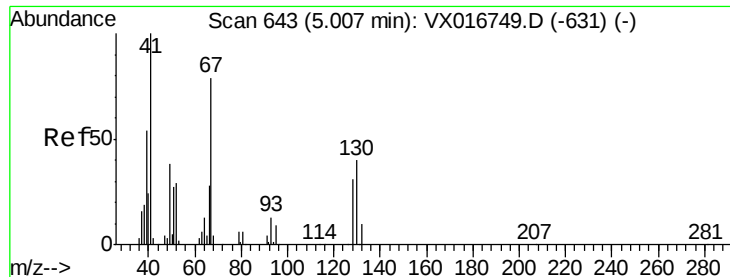
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#40
Benzene
Concen: 19.130 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.0	28.4





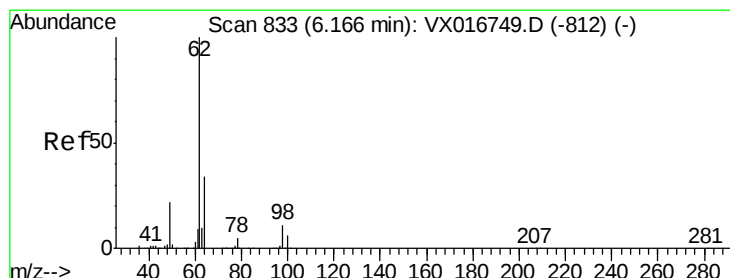
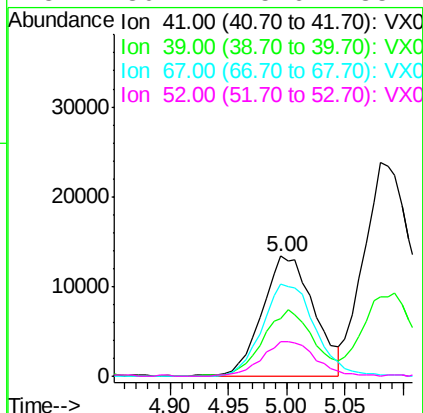
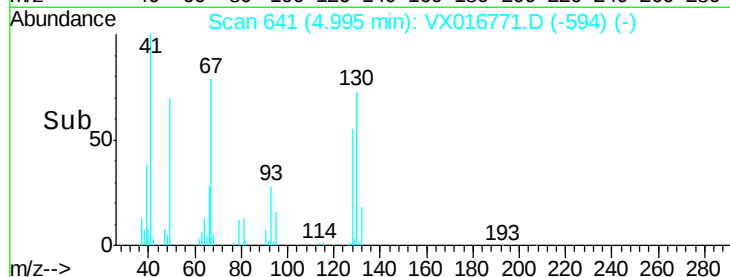
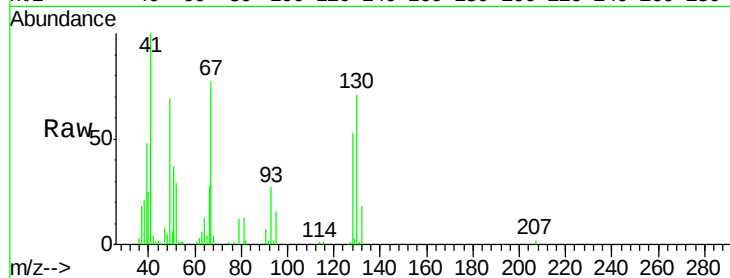
#41
Methacrylonitrile
Concen: 19.097 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion:	41	Resp:	41207
Ion	Ratio	Lower	Upper
41	100		
39	54.5	43.7	65.5
67	78.4	64.6	96.8
52	30.7	25.6	38.4

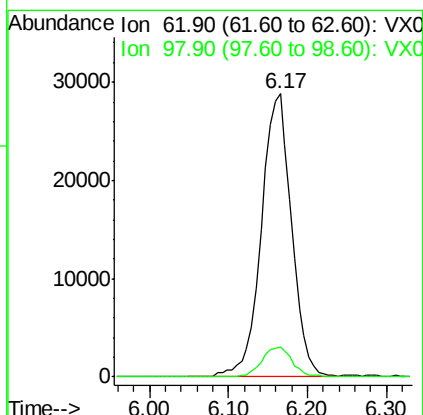
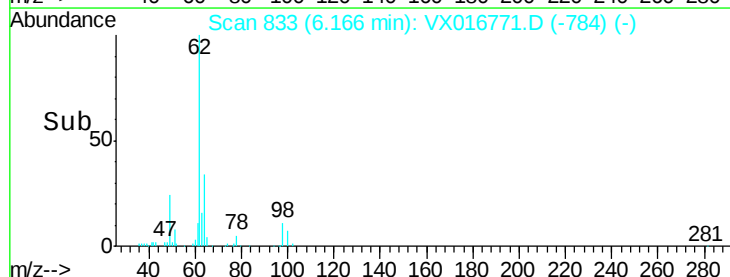
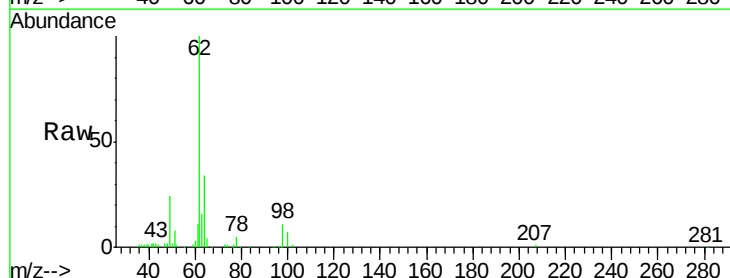
Manual Integrations
APPROVED

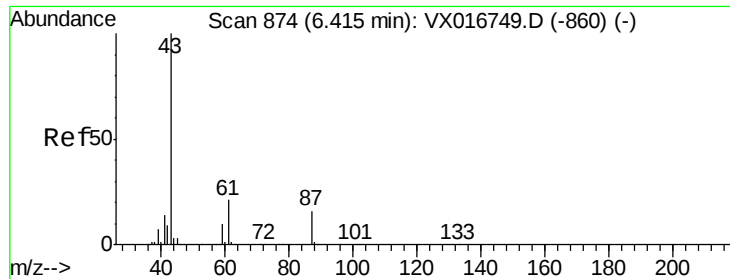
MMDadoda
6/17/2020 9:34:35 AM



#42
1,2-Dichloroethane
Concen: 18.722 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion:	62	Resp:	76881
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2





#43

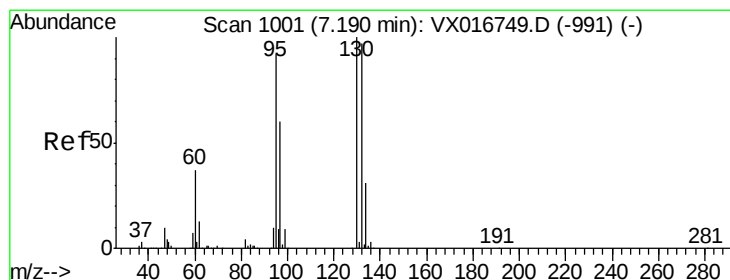
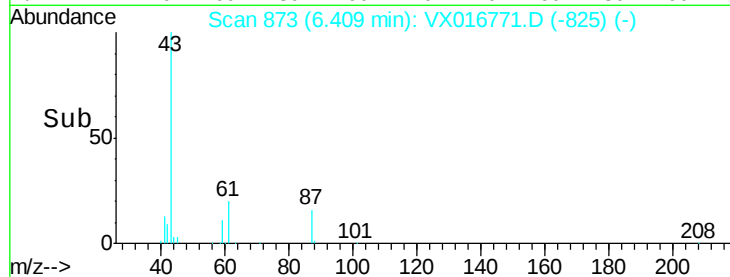
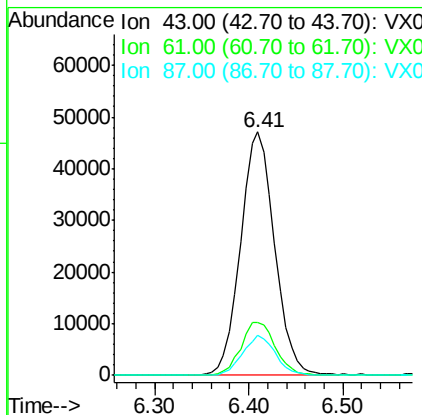
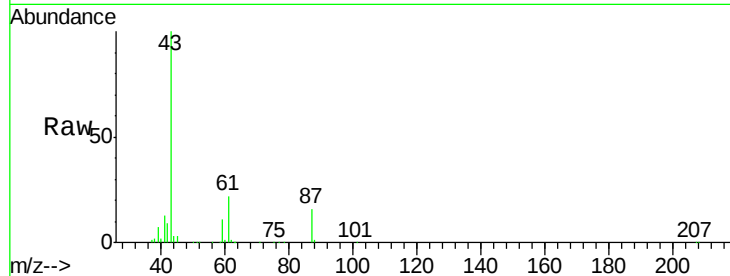
Isopropyl Acetate
 Concen: 18.660 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.5	17.7	26.5
87	15.8	12.5	18.7

Manual Integrations
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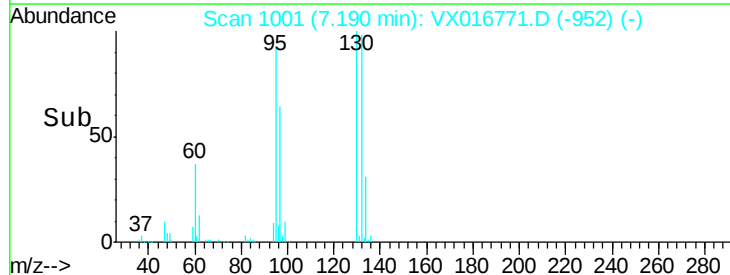
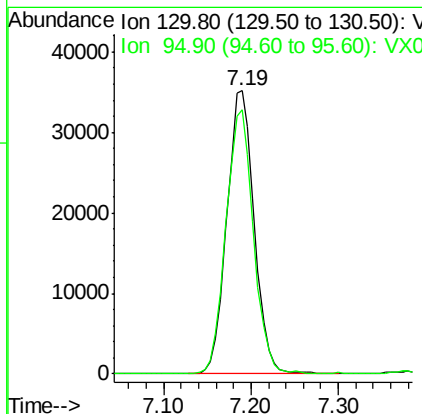
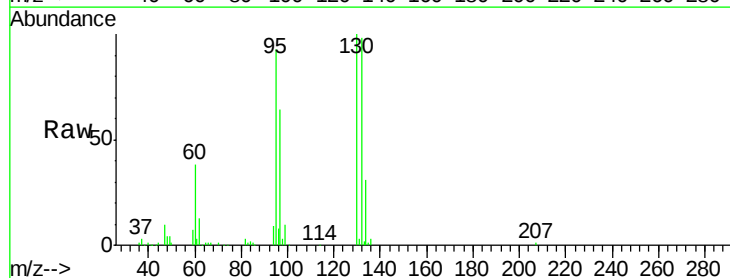
MMDadoda
 6/17/2020 9:34:35 AM

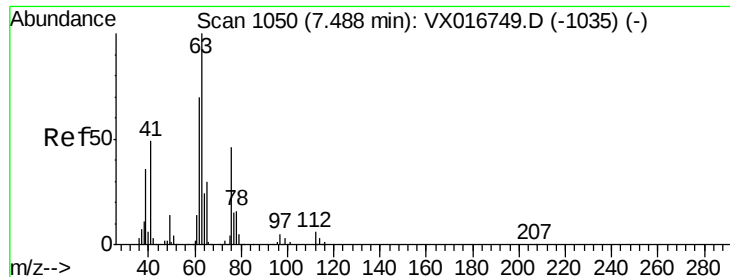


#44

Trichloroethene
 Concen: 22.002 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	183.6





#45

1,2-Dichloropropane

Concen: 19.255 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

Tot Ion: 63 Resp: 53107

Ion Ratio Lower Upper

63 100

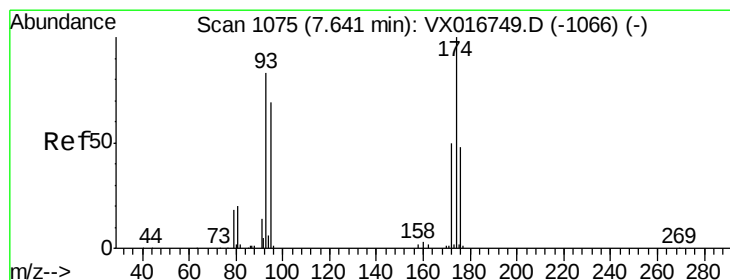
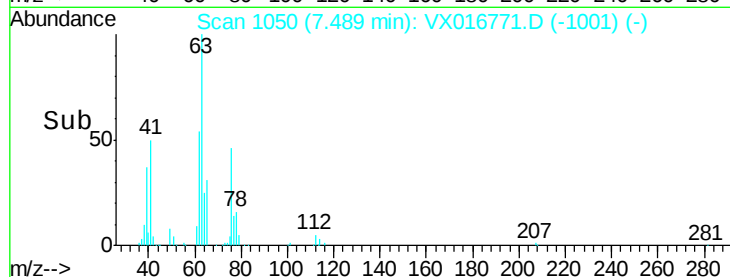
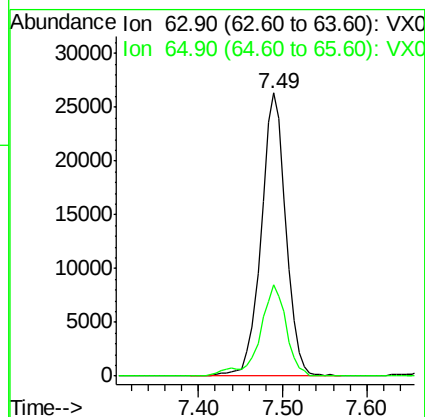
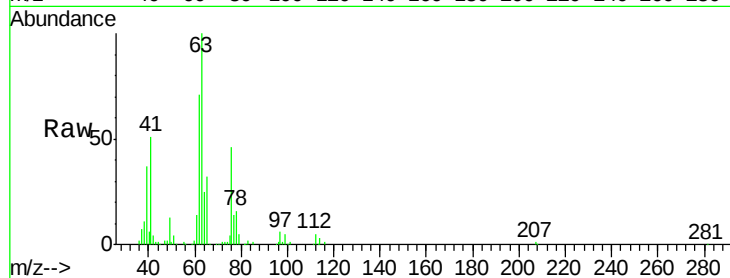
65 32.5 24.2 36.2

Manual Integrations

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6/17/2020 9:34:35 AM



#46

Dibromomethane

Concen: 18.505 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

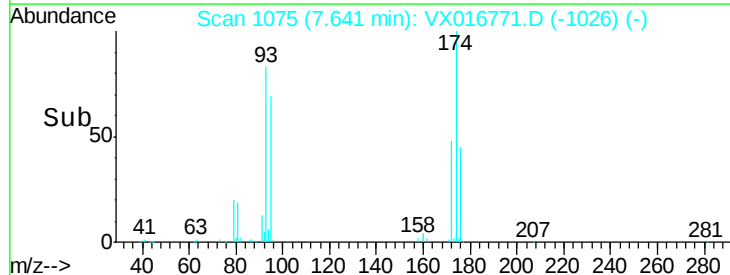
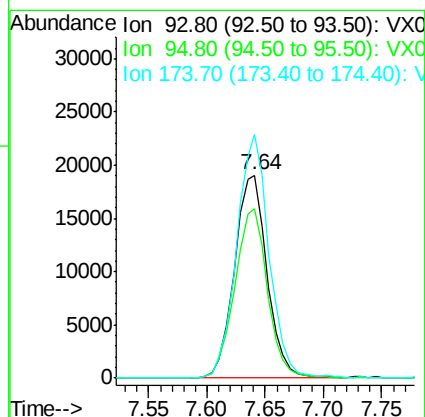
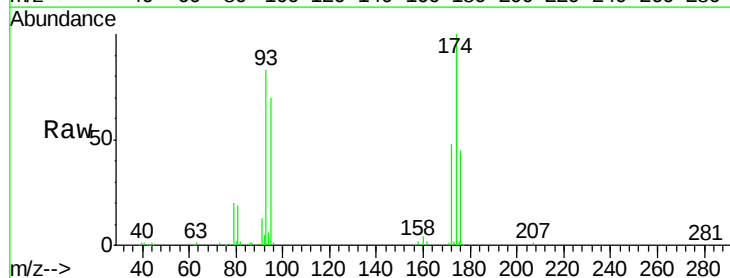
Tgt Ion: 93 Resp: 37199

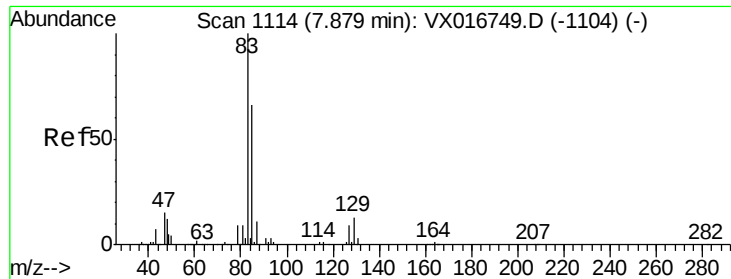
Ion Ratio Lower Upper

93 100

95 83.8 66.9 100.3

174 119.3 93.8 140.8





#47

Bromodichloromethane

Concen: 18.549 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

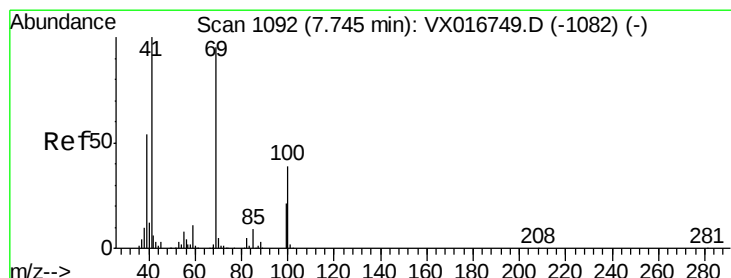
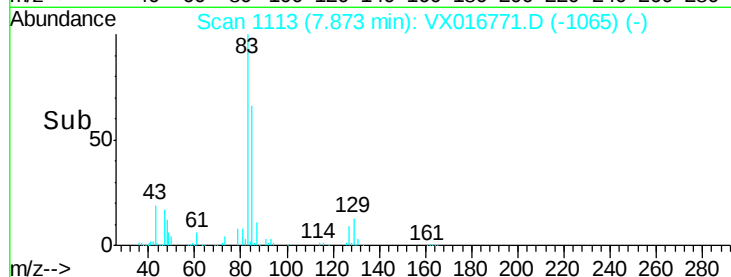
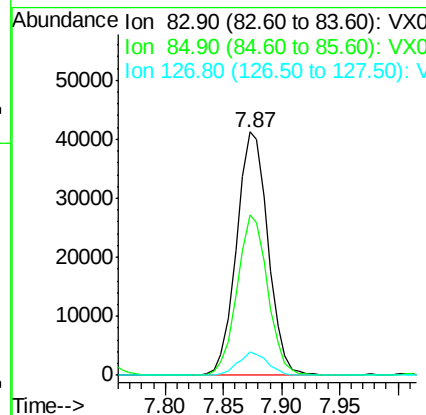
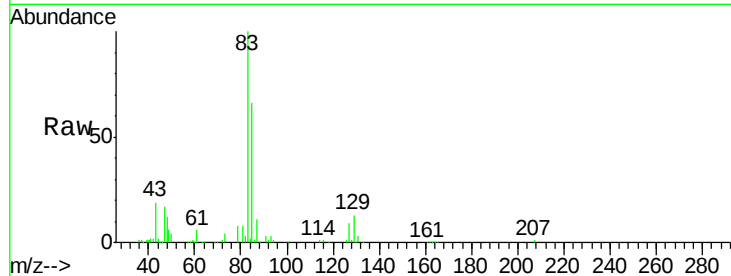
ClientSampleId :

VX0616WBS01

Tot Ion:	83	Resp:	77736
Ion	Ratio	Lower	Upper
83	100		
85	65.8	52.5	78.7
127	9.4	7.5	11.3

Manual Integrations
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6/17/2020 9:34:35 AM



#48

Methyl methacrylate

Concen: 18.861 ug/l

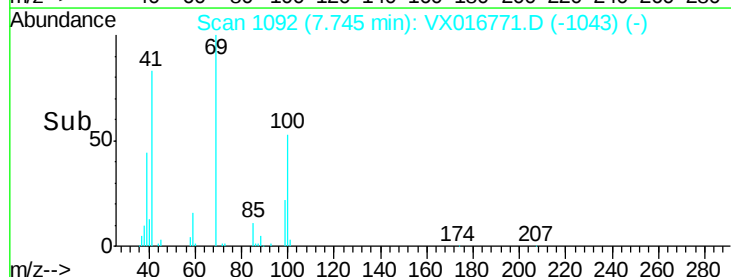
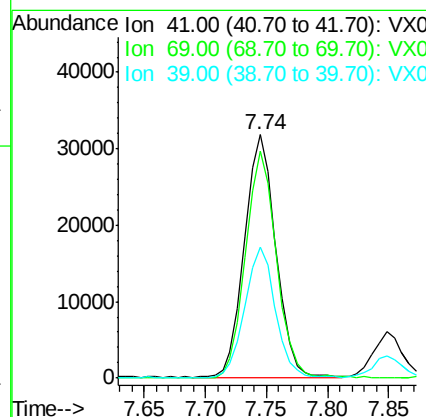
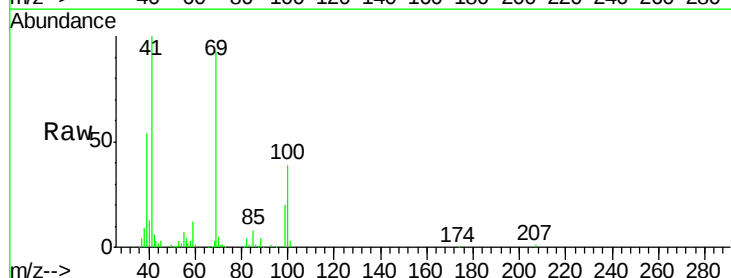
RT: 7.74 min Scan# 1092

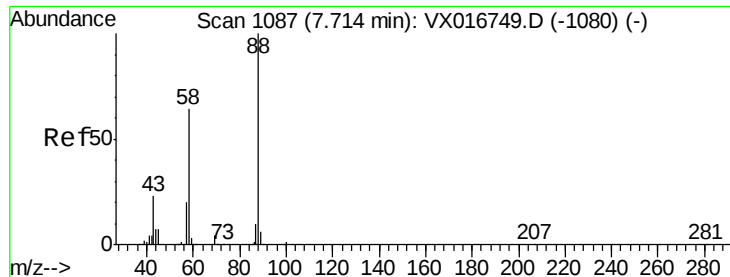
Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Tgt Ion:	41	Resp:	56699
Ion	Ratio	Lower	Upper
41	100		
69	92.1	75.0	112.6
39	53.1	44.3	66.5





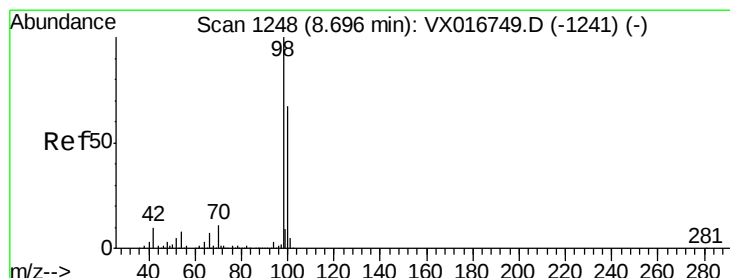
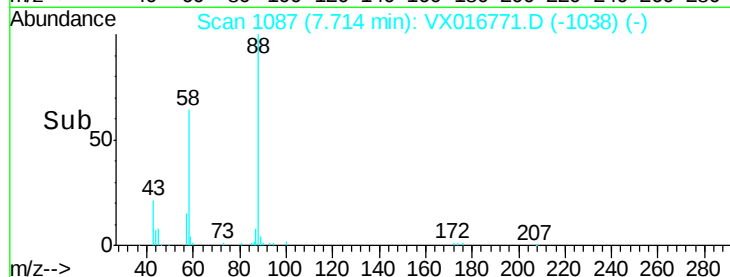
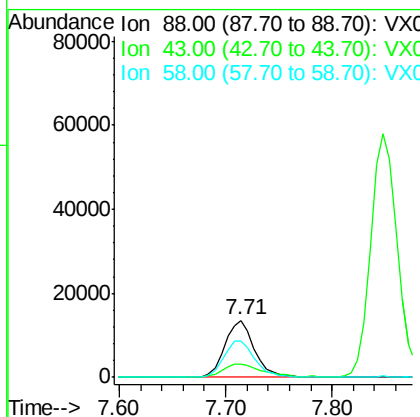
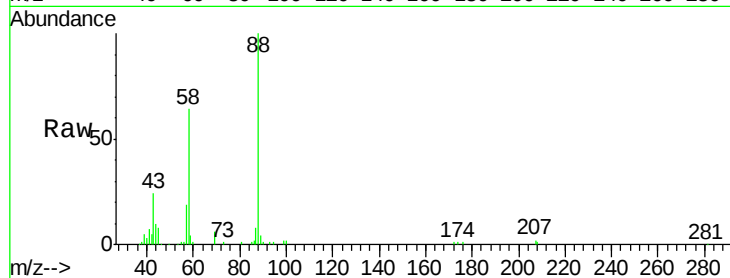
#49
1,4-Dioxane
Concen: 348.851 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	22.9	34.3
58	68.5	53.7	80.5

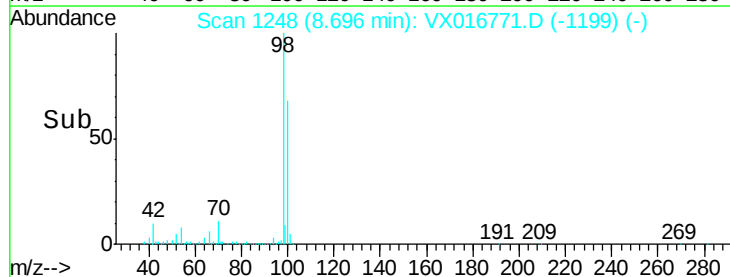
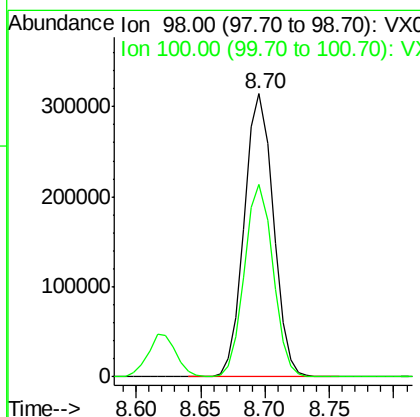
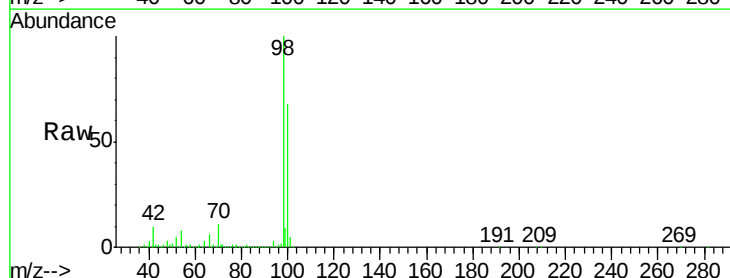
Manual Integrations
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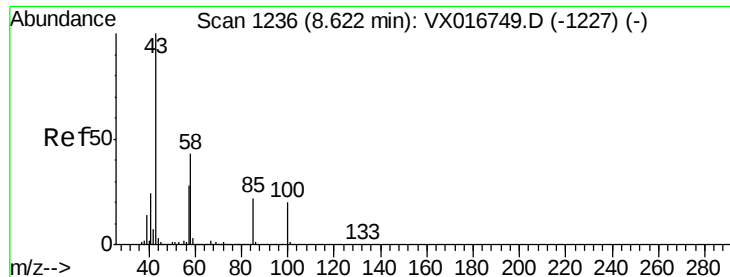
MMDadoda
6/17/2020 9:34:35 AM



#50
Toluene-d8
Concen: 51.514 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.9	80.9





#51

4-Methyl-2-Pentanone

Concen: 96.364 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampled :

VX0616WBS01

Tot Ion: 43 Resp: 376621

Ion Ratio Lower Upper

43 100

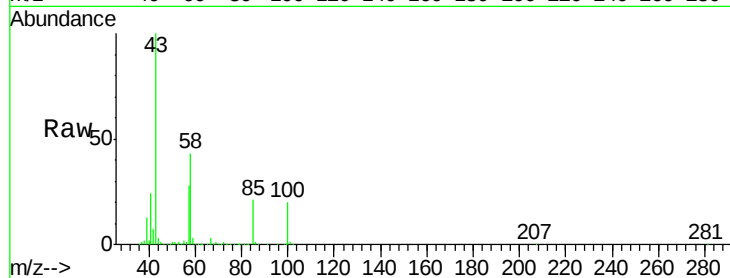
58 42.6 34.6 52.0

Manual Integrations

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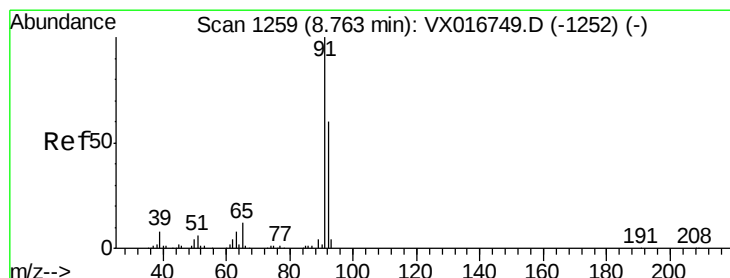
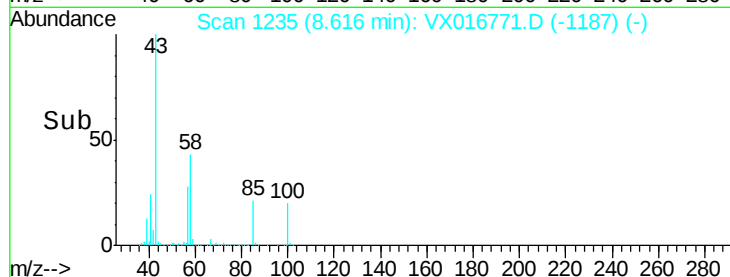
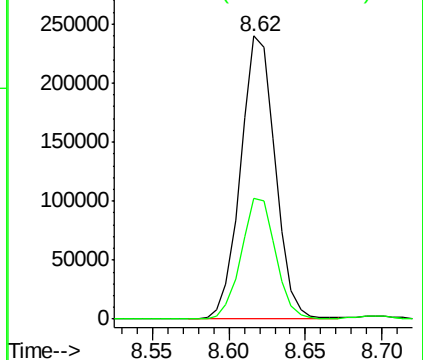
MMDadoda

6/17/2020 9:34:35 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.195 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016771.D

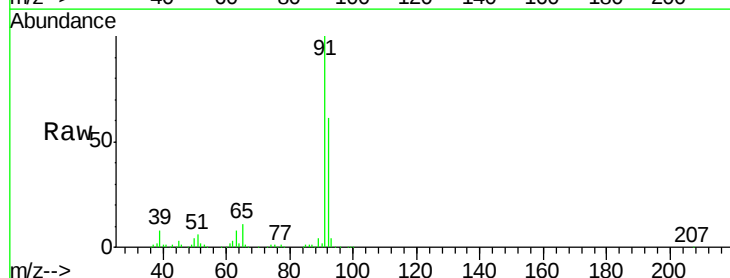
Acq: 16 Jun 2020 12:06

Tgt Ion: 92 Resp: 140278

Ion Ratio Lower Upper

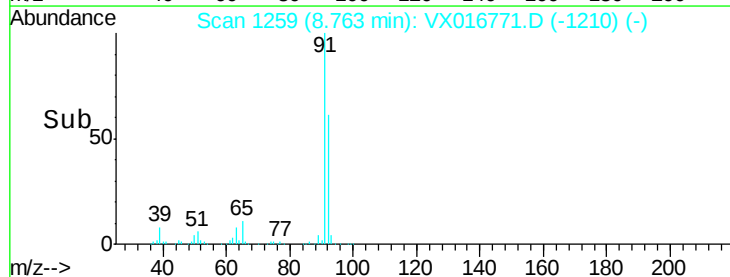
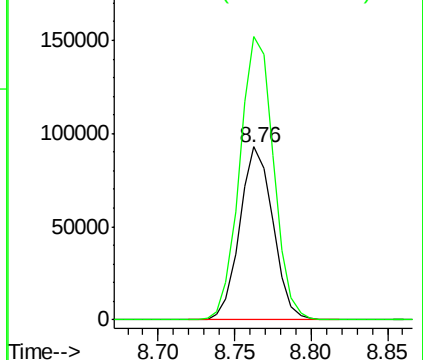
92 100

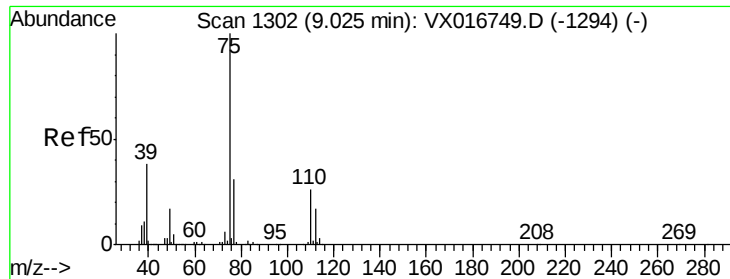
91 166.7 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.404 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

Tot Ion: 75 Resp: 87114

Ion Ratio Lower Upper

75 100

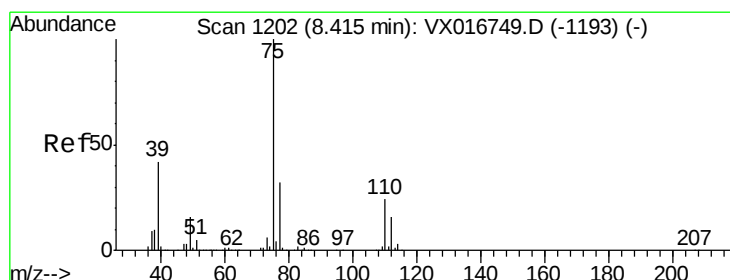
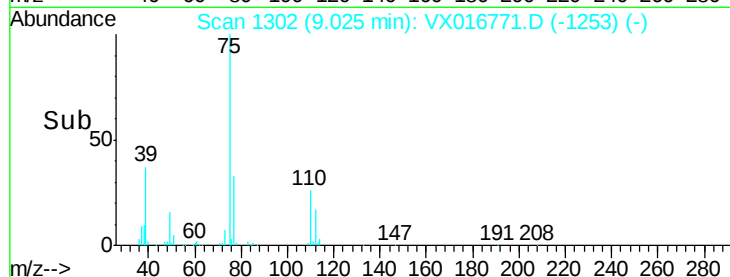
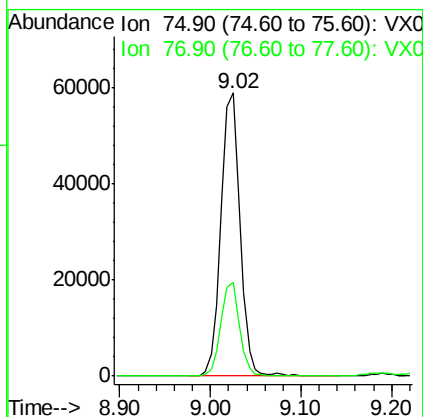
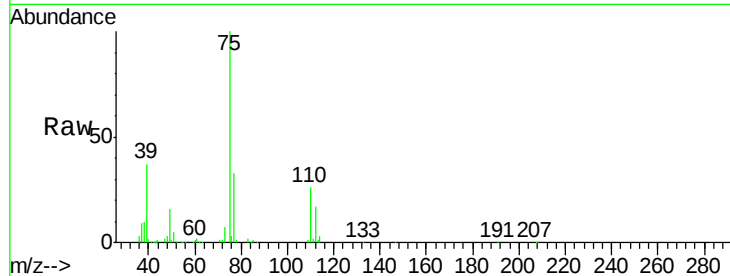
77 33.2 24.7 37.1

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.622 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

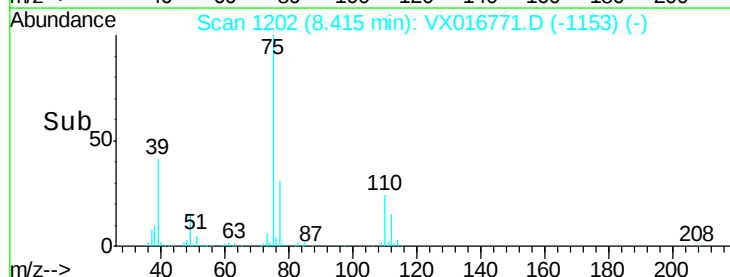
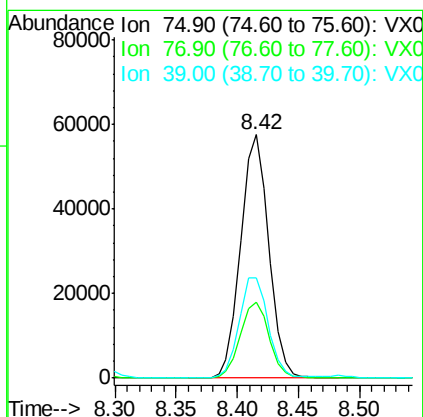
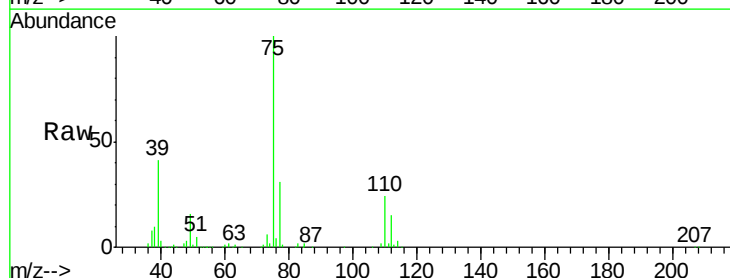
Tgt Ion: 75 Resp: 91943

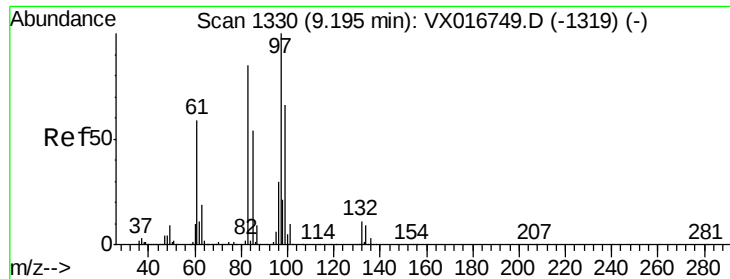
Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

39 41.0 33.7 50.5





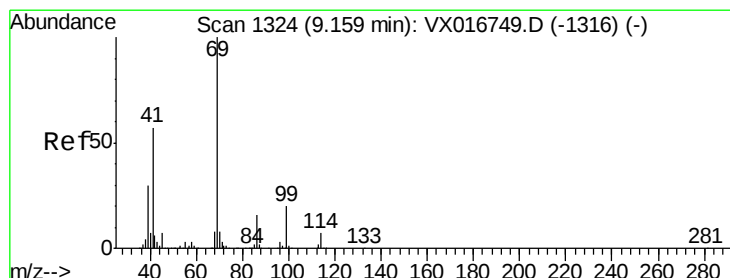
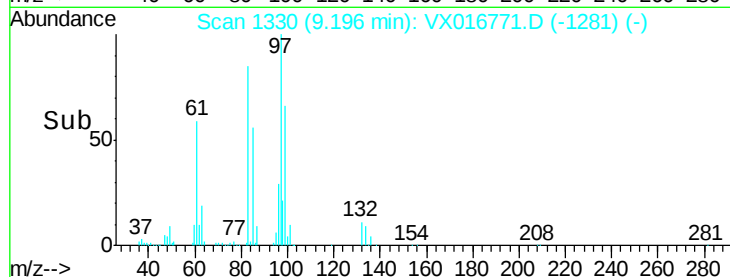
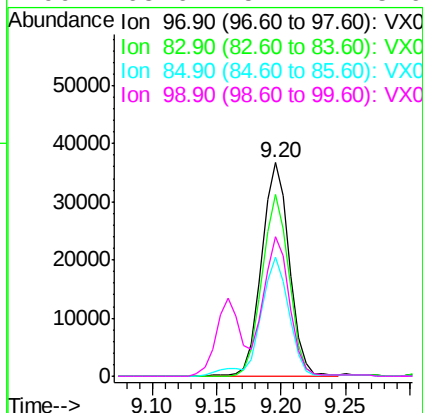
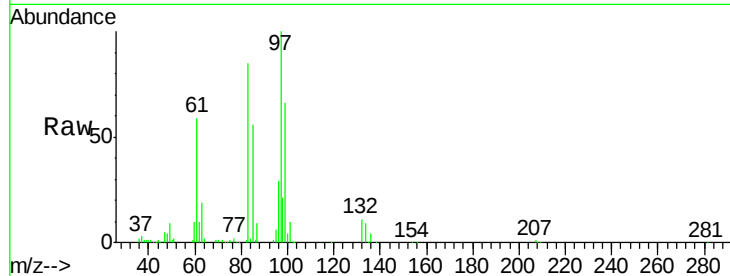
#55
 1,1,2-Trichloroethane
 Concen: 18.596 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		54655		
83	85.1	68.3	102.5		
85	56.0	43.5	65.3		
99	65.6	52.4	78.6		

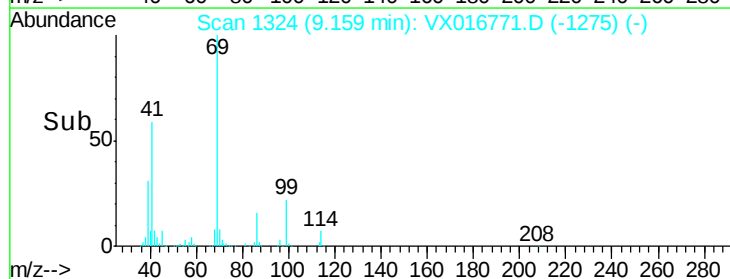
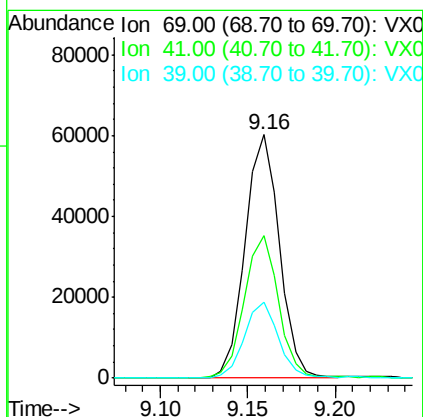
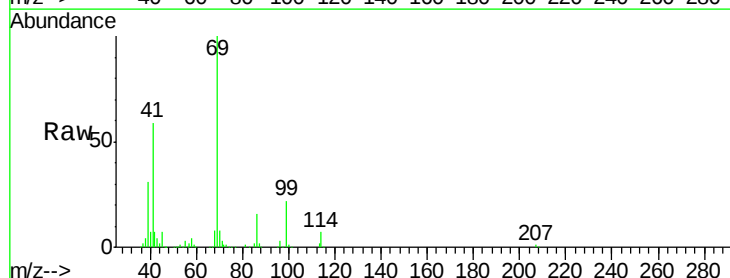
Manual Integrations
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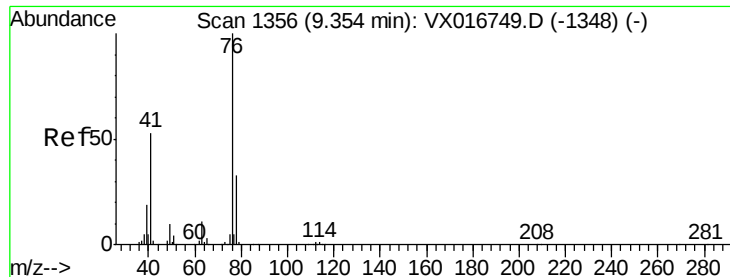
MMDadoda
 6/17/2020 9:34:35 AM



#56
 Ethyl methacrylate
 Concen: 18.687 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		82229		
41	58.6	47.1	70.7		
39	31.2	25.0	37.6		





#57

1,3-Dichloropropane

Concen: 18.604 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

Tot Ion: 76 Resp: 91913

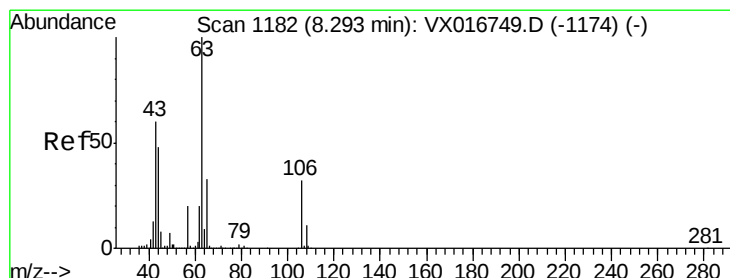
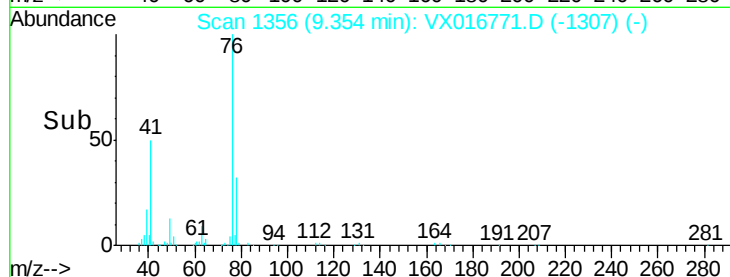
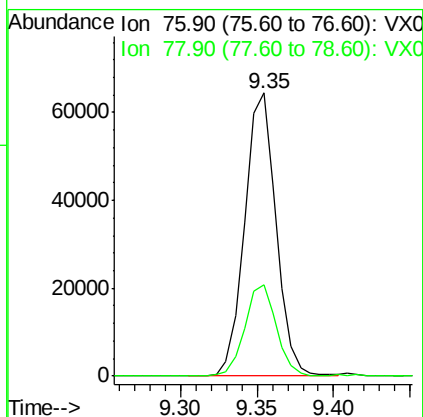
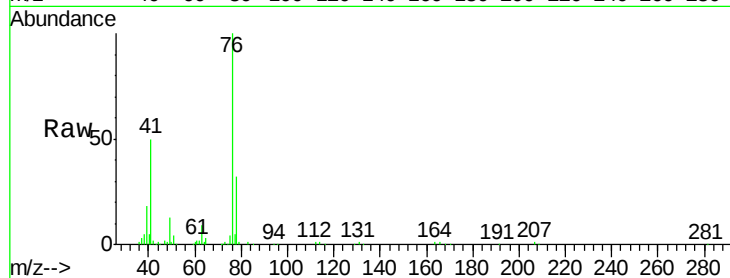
Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5

Manual Integrations
APPROVED

MMDadoda
6/17/2020 9:34:35 AM



#58

2-Chloroethyl Vinyl ether

Concen: 96.442 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016771.D

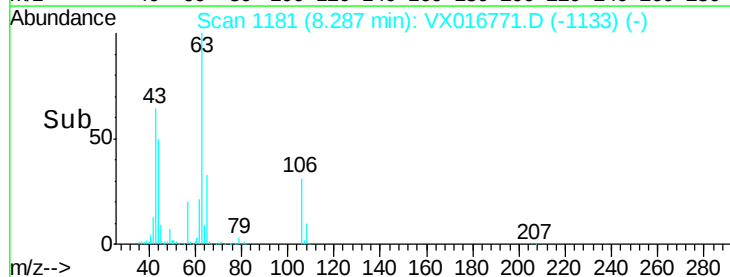
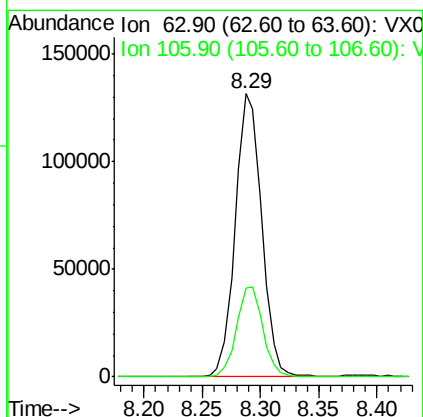
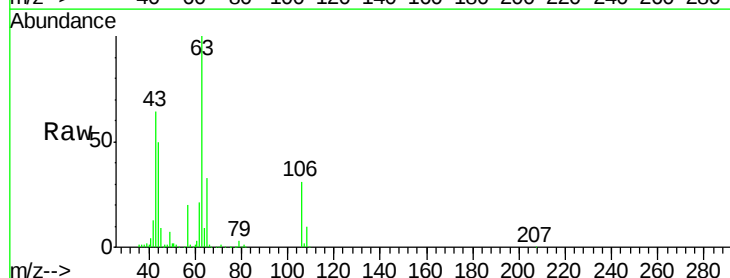
Acq: 16 Jun 2020 12:06

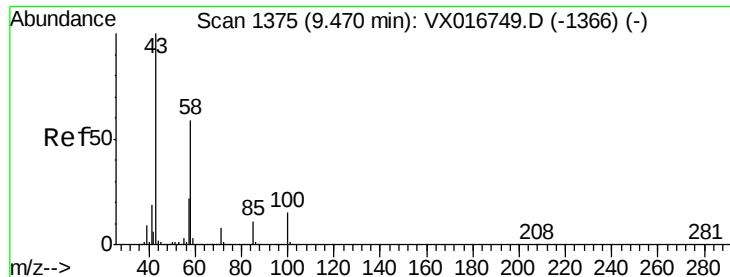
Tgt Ion: 63 Resp: 208666

Ion Ratio Lower Upper

63 100

106 31.6 25.5 38.3





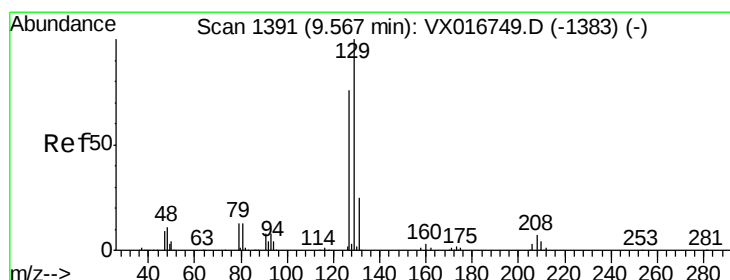
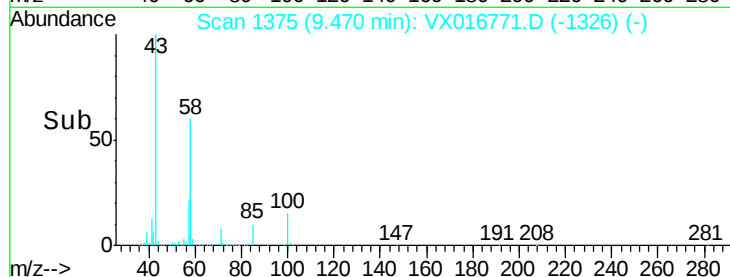
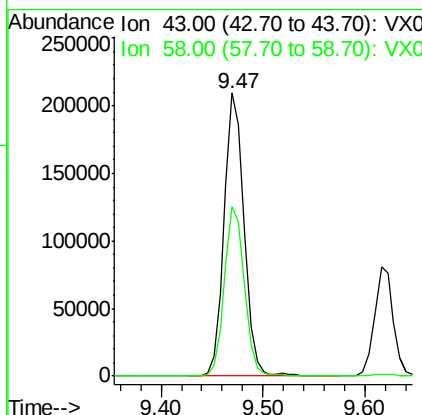
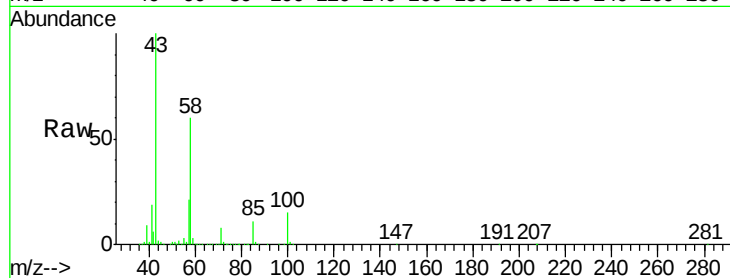
#59
2-Hexanone
Concen: 94.374 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion: 43 Resp: 284734
Ion Ratio Lower Upper
43 100
58 60.3 29.9 89.8

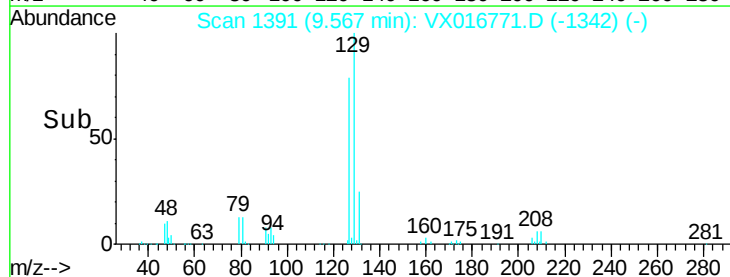
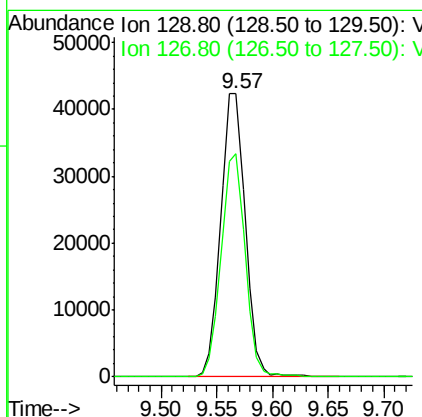
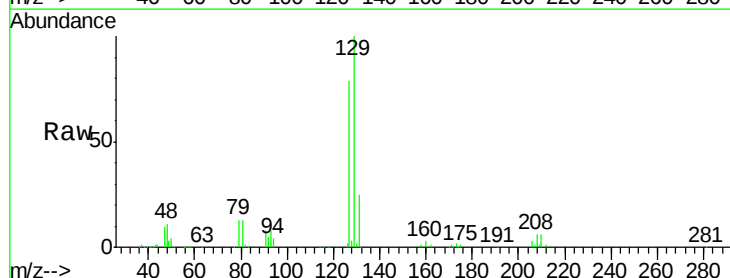
Manual Integrations
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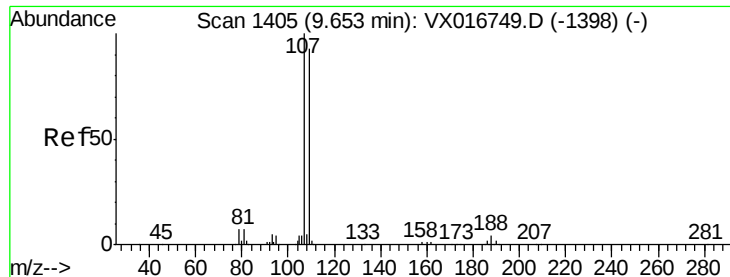
MMDadoda
6/17/2020 9:34:35 AM



#60
Dibromochloromethane
Concen: 18.746 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion: 129 Resp: 65116
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





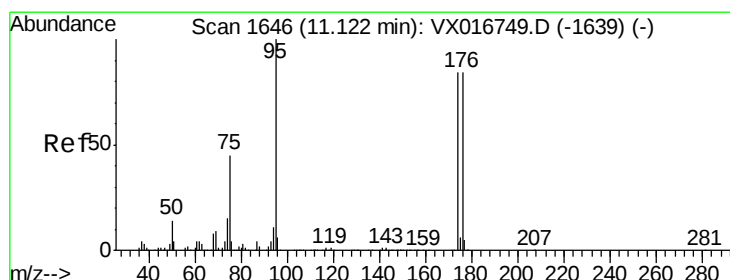
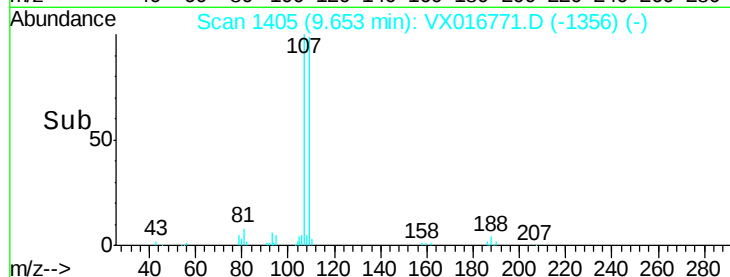
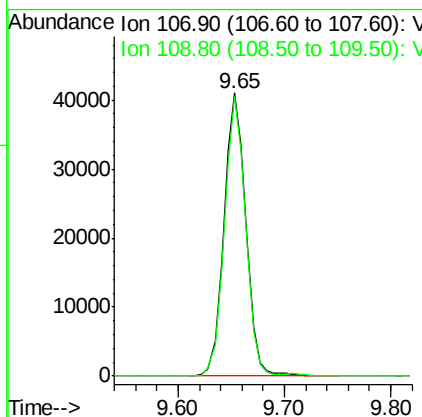
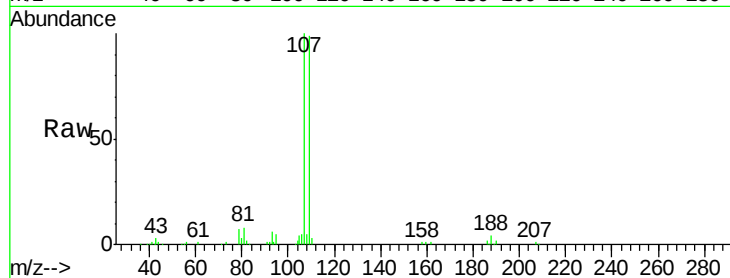
#61
 1,2-Dibromoethane
 Concen: 18.351 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.8	74.2	111.4

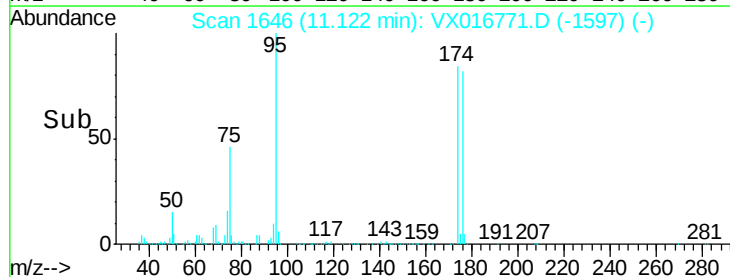
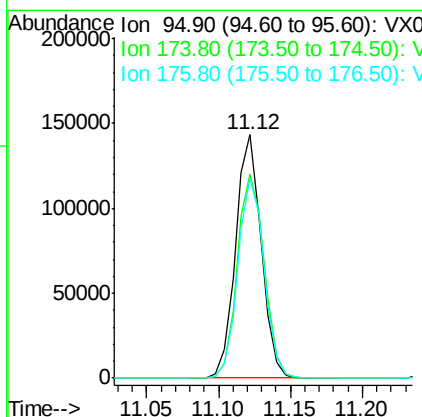
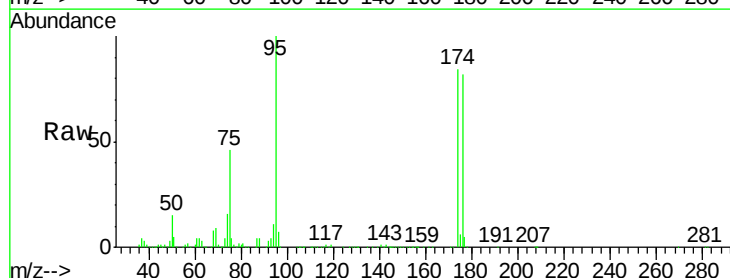
Manual Integrations
 APPROVED

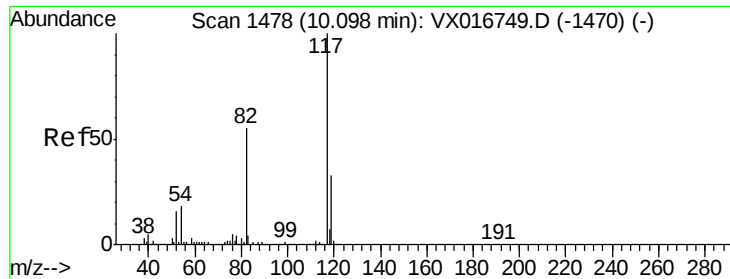
MMDadoda
 6/17/2020 9:34:35 AM



#62
 4-Bromofluorobenzene
 Concen: 49.012 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.3	0.0	171.0
176	83.4	0.0	166.2





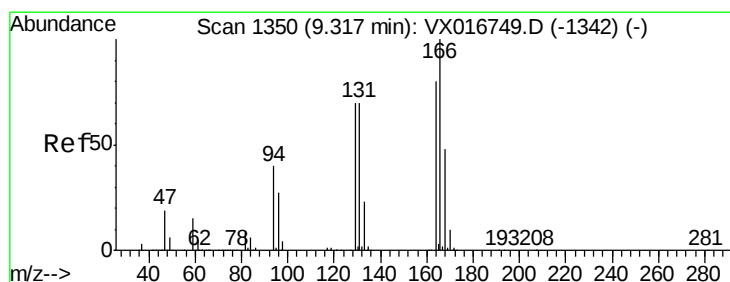
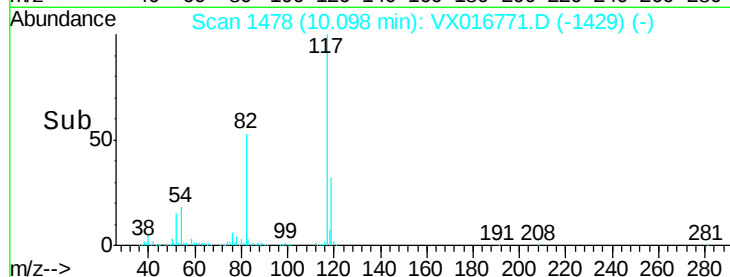
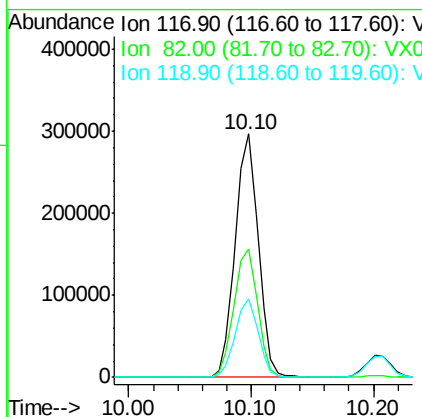
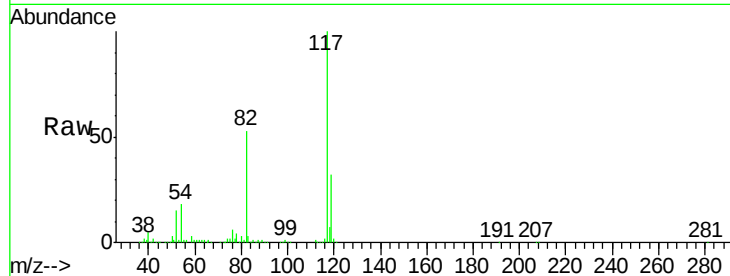
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	43.8	65.6
119	32.1	26.2	39.4

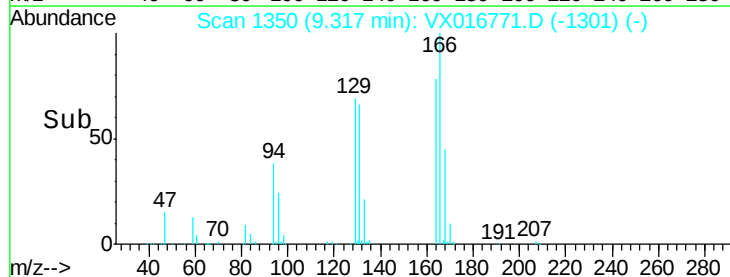
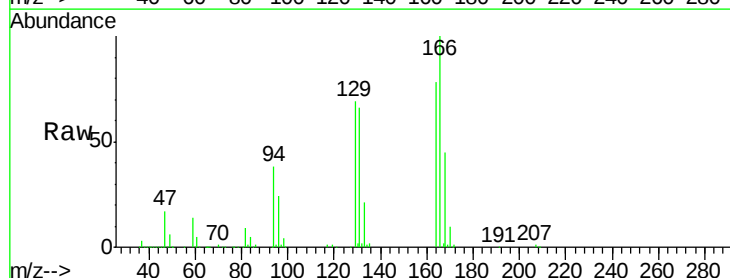
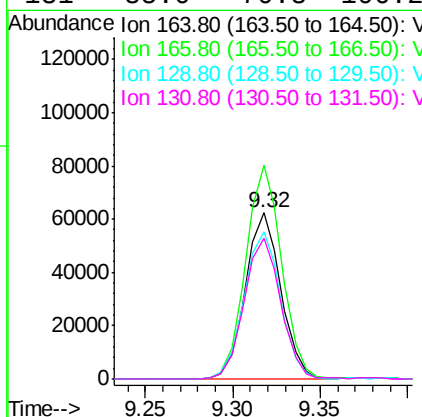
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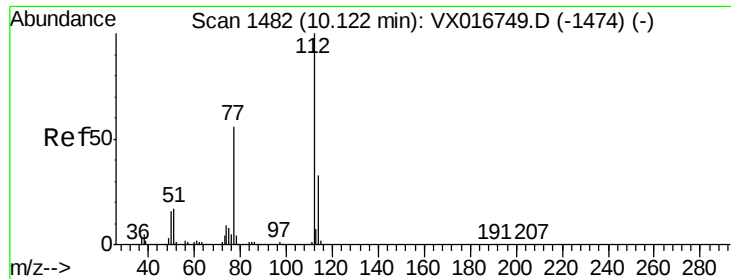
MMDadoda
6/17/2020 9:34:35 AM



#64
Tetrachloroethene
Concen: 23.658 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	100.6	150.8
129	89.1	70.1	105.1
131	85.0	70.8	106.2





#65

Chlorobenzene

Concen: 19.153 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampled :

VX0616WBS01

Tot Ion:112 Resp: 150431

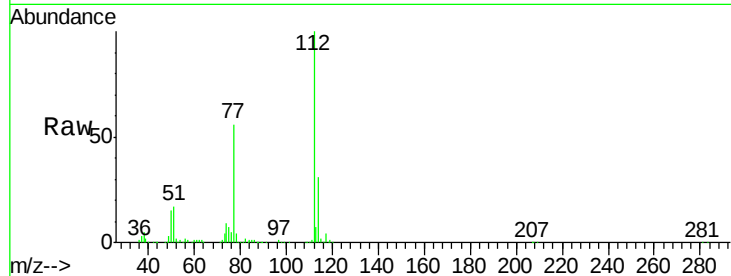
Ion Ratio Lower Upper

112 100

114 30.9 26.2 39.4

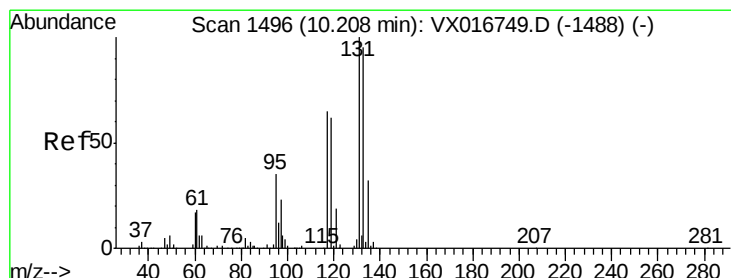
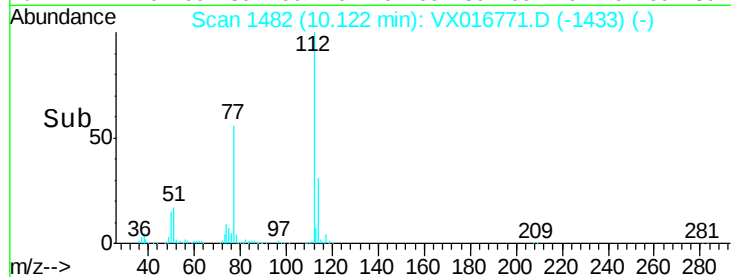
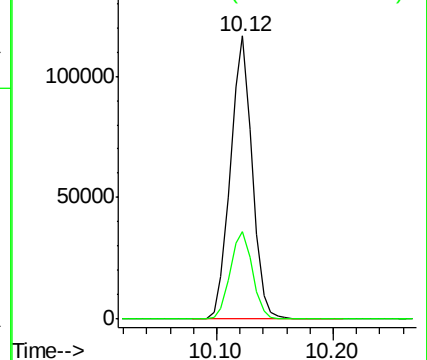
Manual Integrations
APPROVED

MMDadoda
6/17/2020 9:34:35 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.851 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

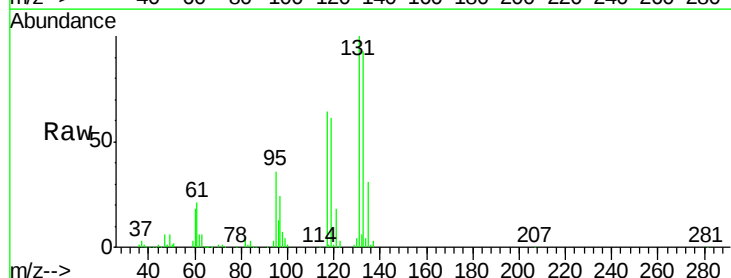
Tgt Ion:131 Resp: 59065

Ion Ratio Lower Upper

131 100

133 94.7 46.8 140.3

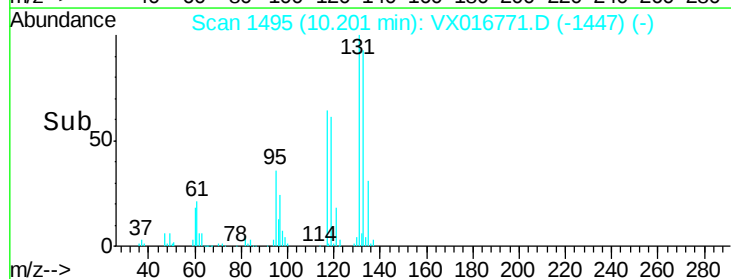
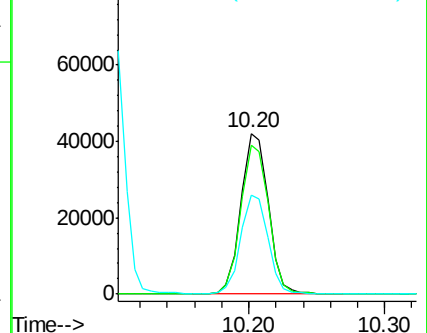
119 61.9 31.4 94.0

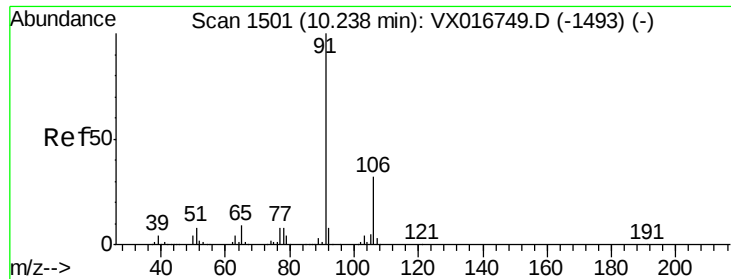


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





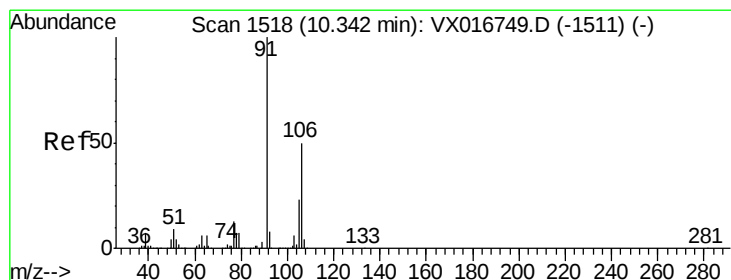
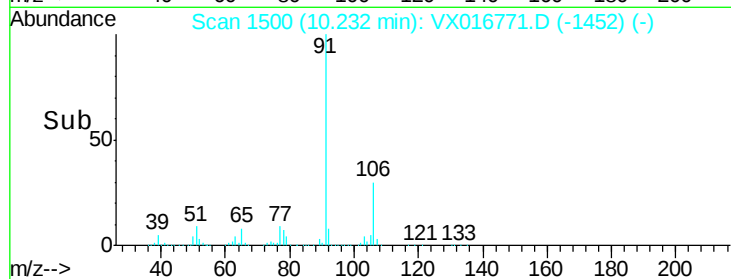
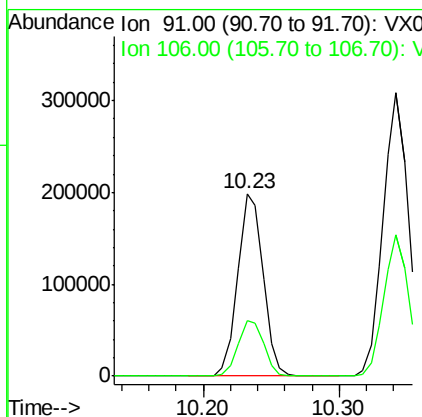
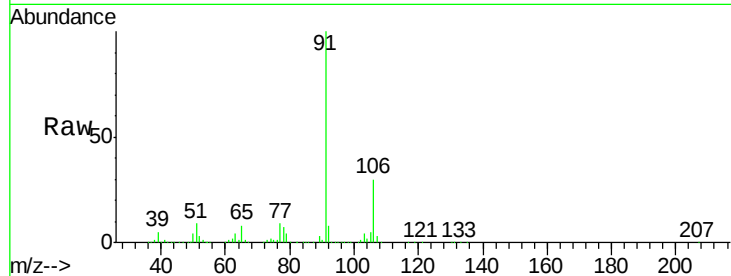
#67
Ethyl Benzene
Concen: 19.521 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion: 91 Resp: 259188
Ion Ratio Lower Upper
91 100
106 30.3 25.3 37.9

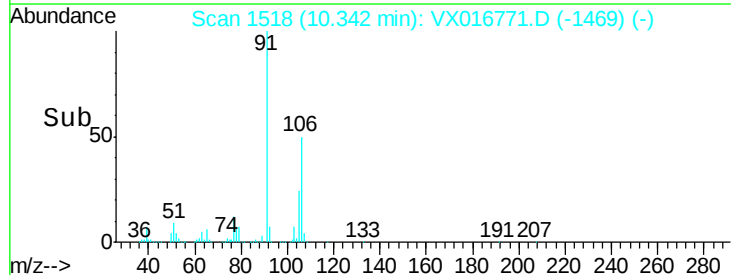
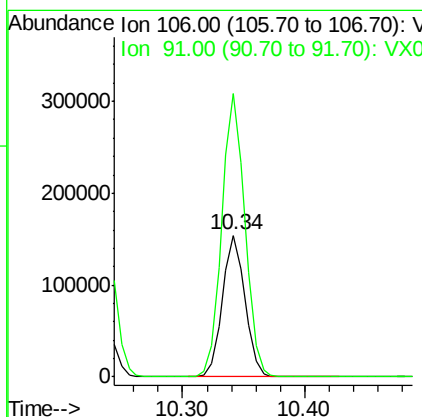
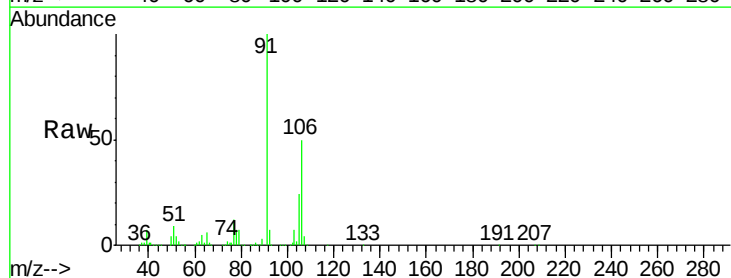
Manual Integrations
APPROVED

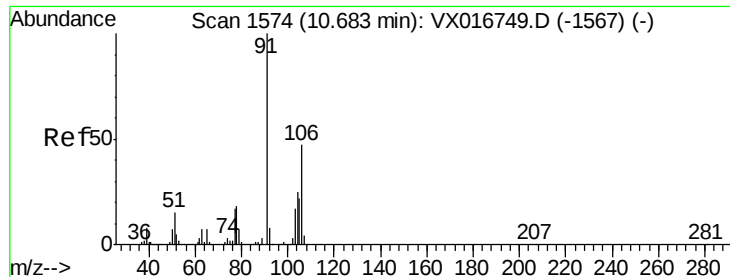
MMDadoda
6/17/2020 9:34:35 AM



#68
m/p-Xylenes
Concen: 39.223 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion: 106 Resp: 197458
Ion Ratio Lower Upper
106 100
91 204.5 161.2 241.8





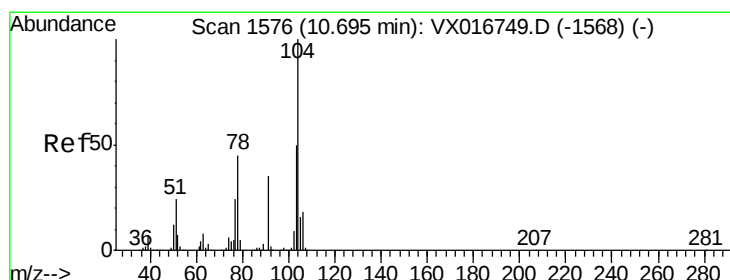
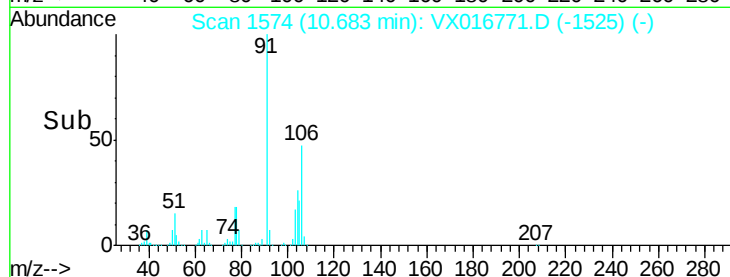
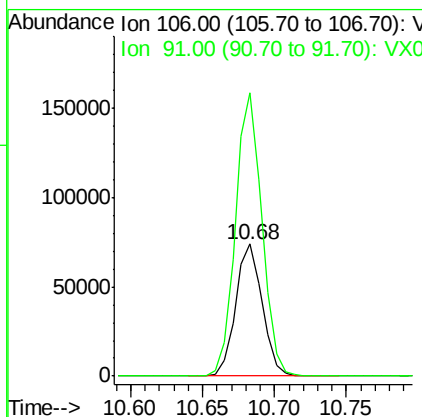
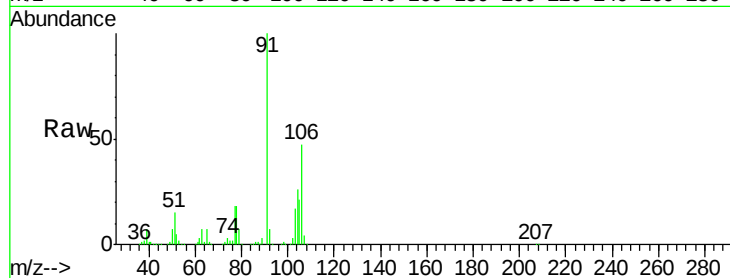
#69
o-Xylene
Concen: 19.627 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	95190		
91	91	213.4	106.9	320.8	

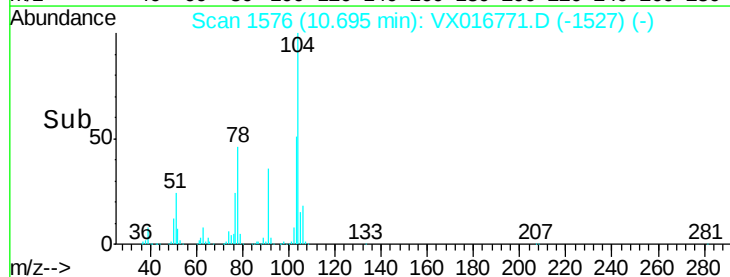
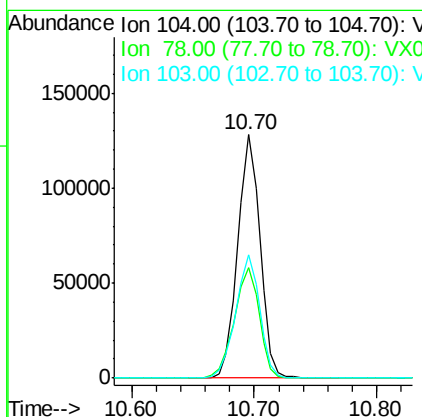
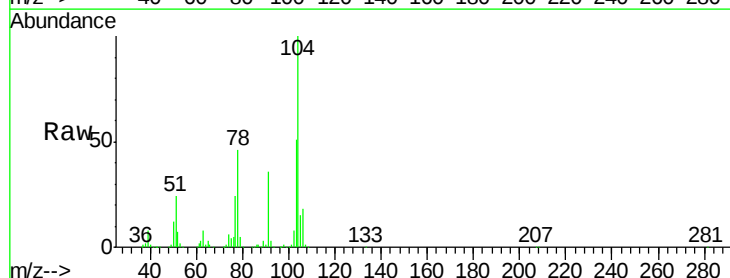
Manual Integrations
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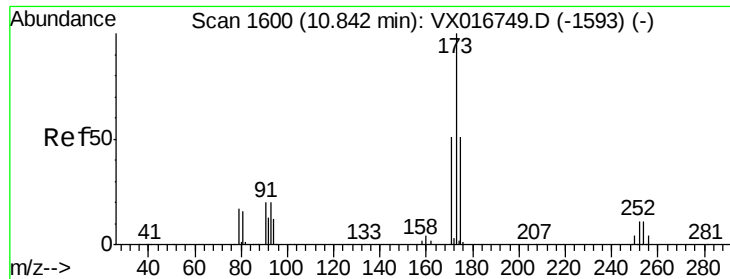
MMDadoda
6/17/2020 9:34:35 AM



#70
Styrene
Concen: 19.247 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	161373		
78	78	51.0	39.8	59.8	
103	103	54.8	43.4	65.2	





#71

Bromoform

Concen: 18.688 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

Tot Ion:173 Resp: 49958

Ion Ratio Lower Upper

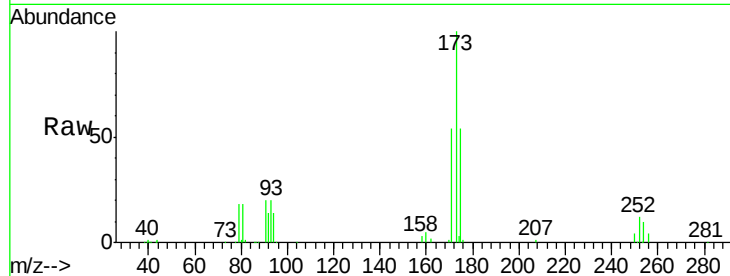
173 100

175 49.3 25.1 75.4

254 0.0 0.1 0.1#

Manual Integrations
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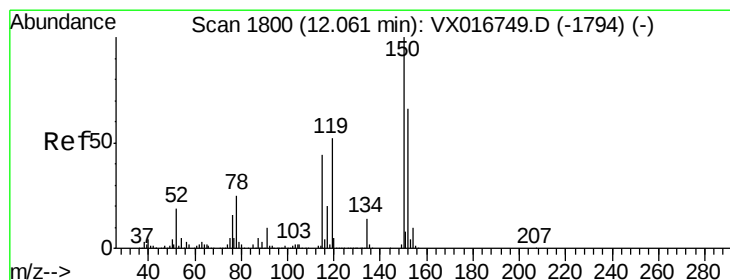
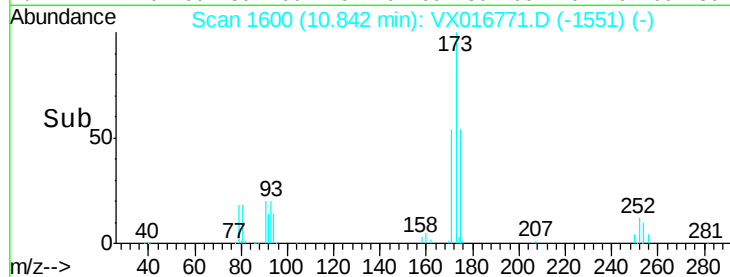
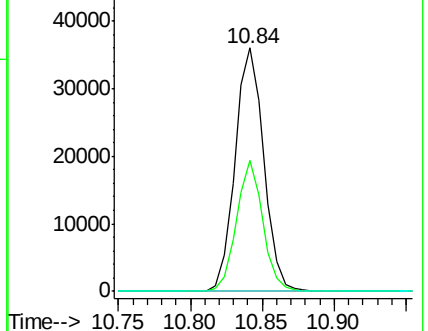
MMDadoda
6/17/2020 9:34:35 AM



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: VX016771.D

Acq: 16 Jun 2020 12:06

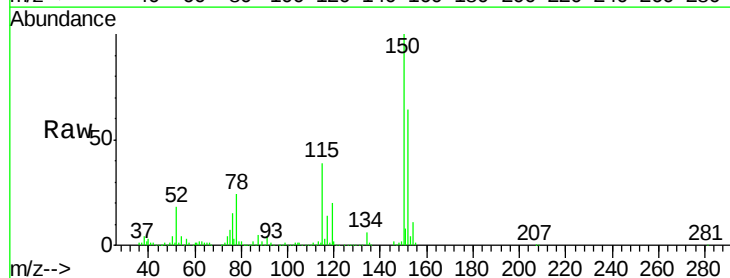
Tgt Ion:152 Resp: 192560

Ion Ratio Lower Upper

152 100

115 65.7 40.3 120.8

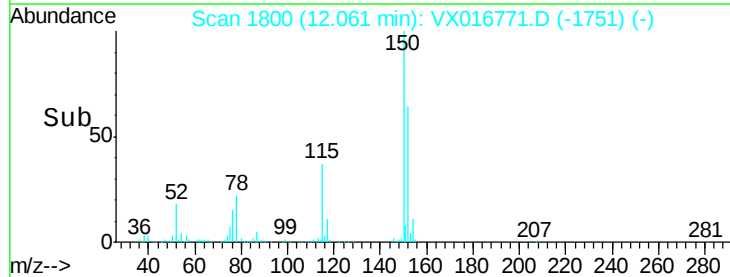
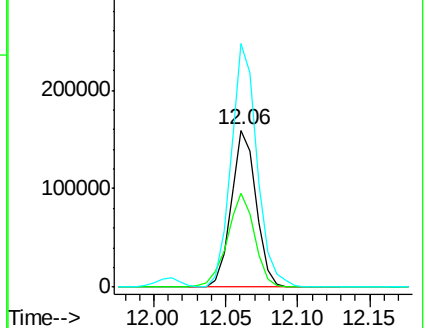
150 162.1 0.0 337.4

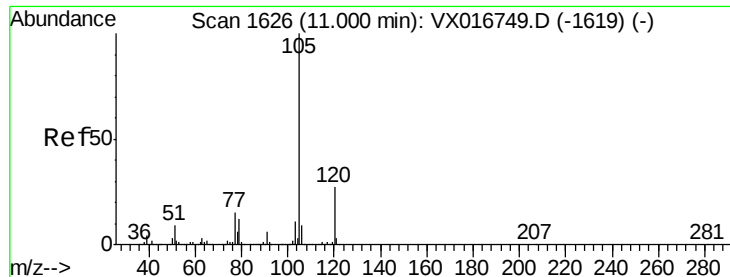


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.192 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

Tot Ion: 105 Resp: 255128

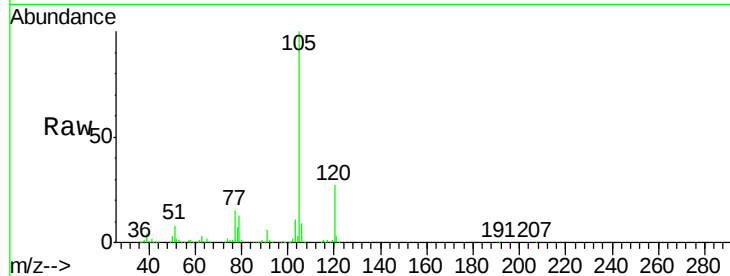
Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5

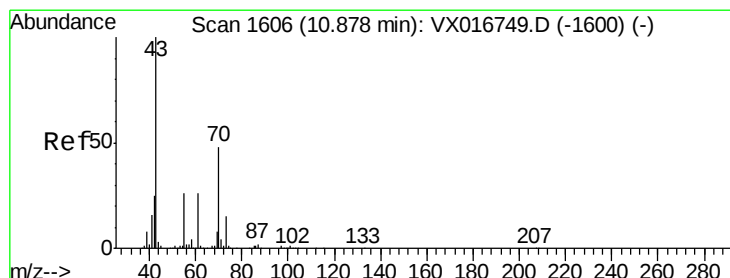
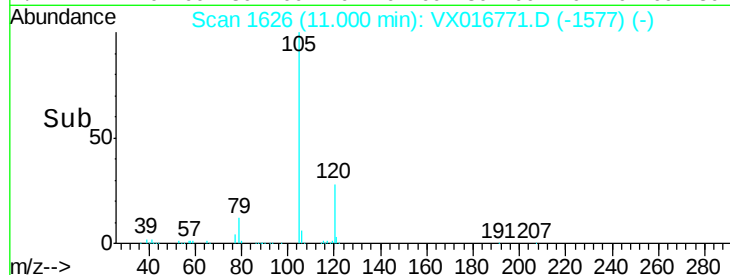
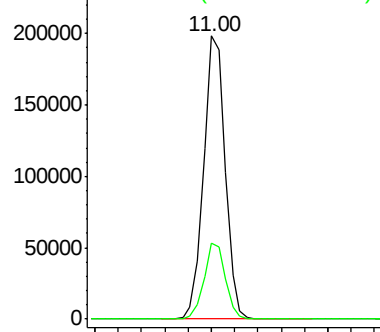
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.018 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Tgt Ion: 43 Resp: 98303

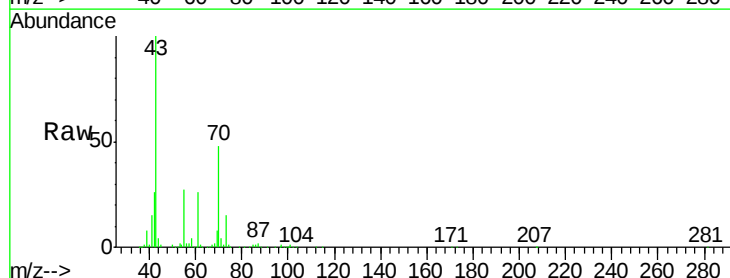
Ion Ratio Lower Upper

43 100

70 48.8 39.8 59.6

55 27.3 21.7 32.5

61 26.8 21.6 32.4

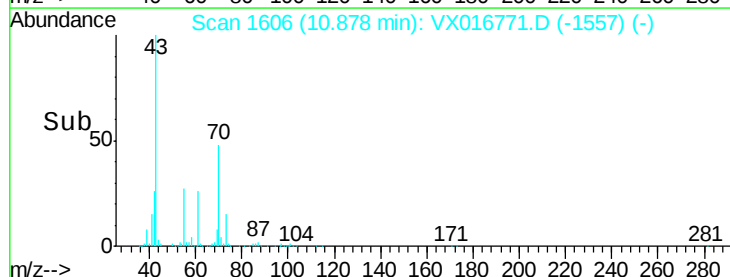
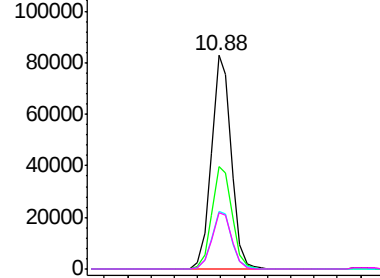


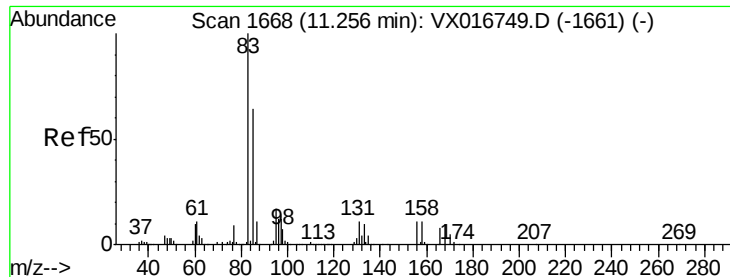
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 14.077 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

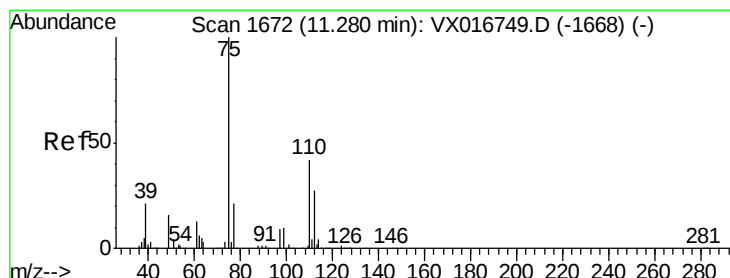
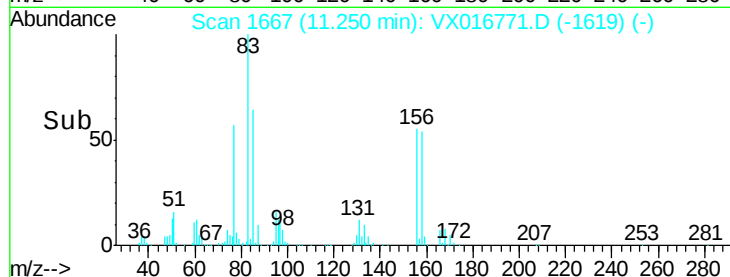
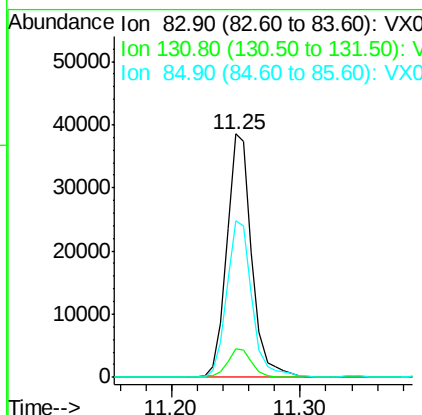
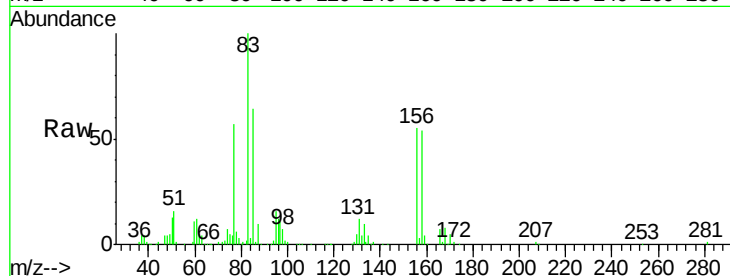
ClientSampleId :

VX0616WBS01

Tot Ion:	83	Resp:	52319
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.7	17.0
85	65.1	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.675 ug/l m

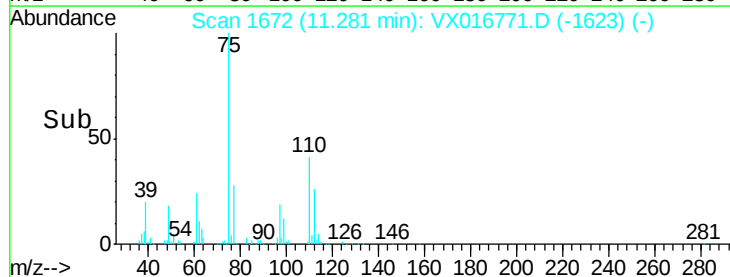
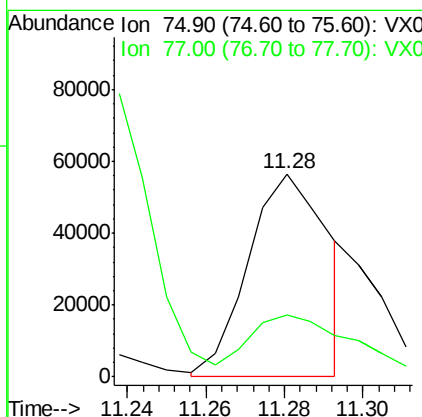
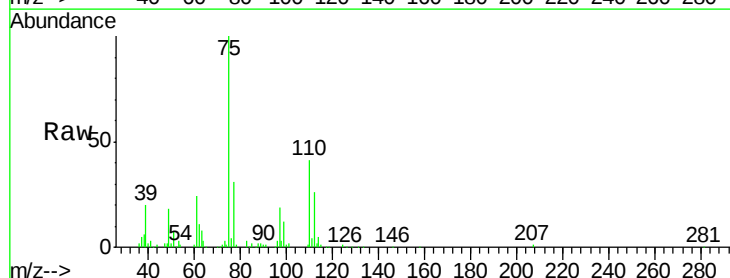
RT: 11.28 min Scan# 1672

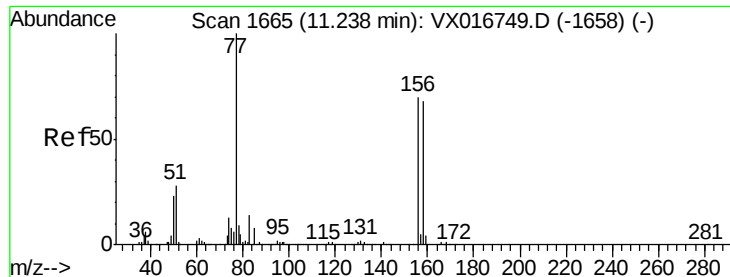
Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Tgt Ion:	75	Resp:	79673
Ion Ratio	Lower	Upper	
75	100		
77	40.3	20.3	60.9





#77

Bromobenzene

Concen: 19.279 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

Tot Ion:156 Resp: 68780

Ion Ratio Lower Upper

156 100

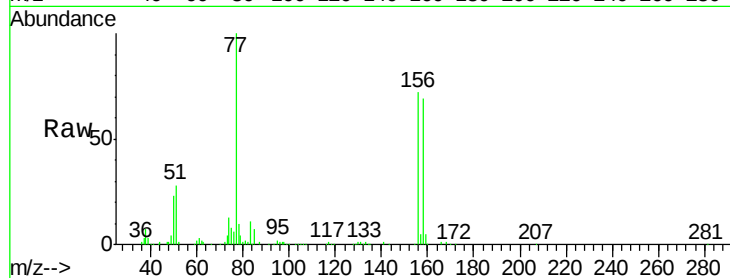
77 144.5 73.2 219.6

158 97.2 48.8 146.4

Manual Integrations
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MMDadoda

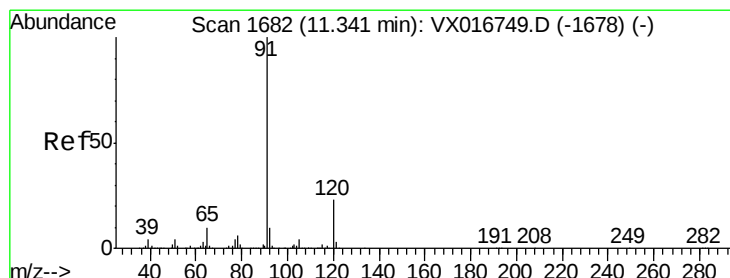
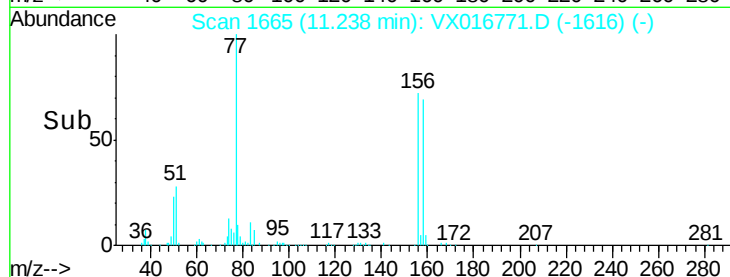
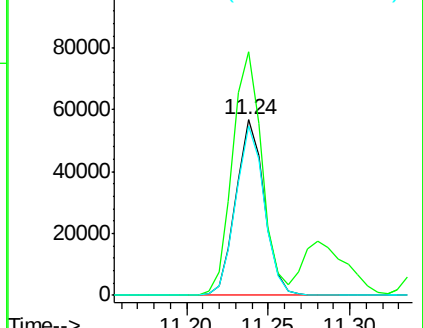
6/17/2020 9:34:35 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.256 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016771.D

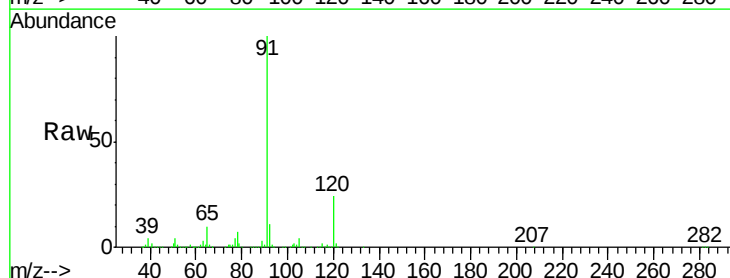
Acq: 16 Jun 2020 12:06

Tgt Ion: 91 Resp: 277937

Ion Ratio Lower Upper

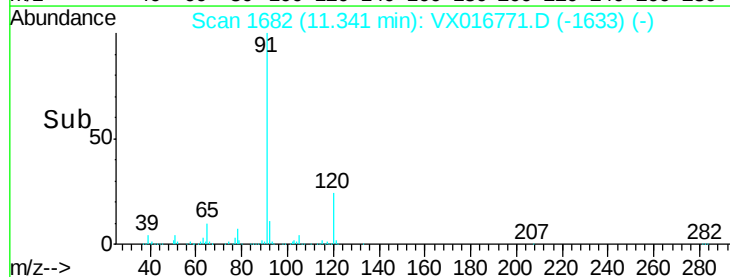
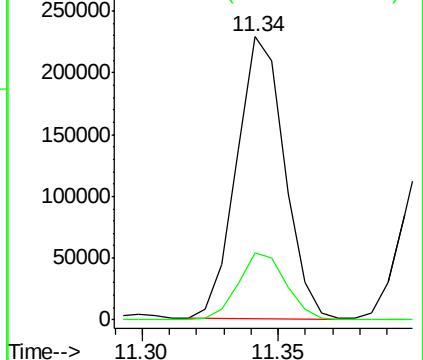
91 100

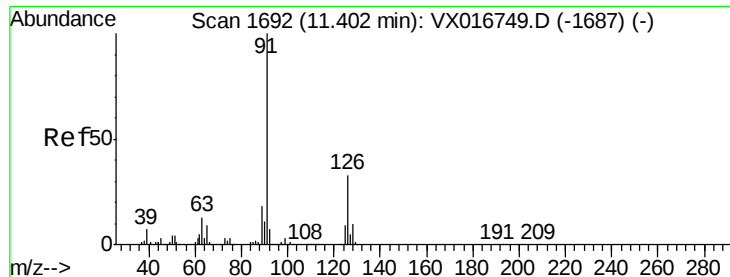
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.775 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampled :

VX0616WBS01

Tot Ion: 91 Resp: 171581

Ion Ratio Lower Upper

91 100

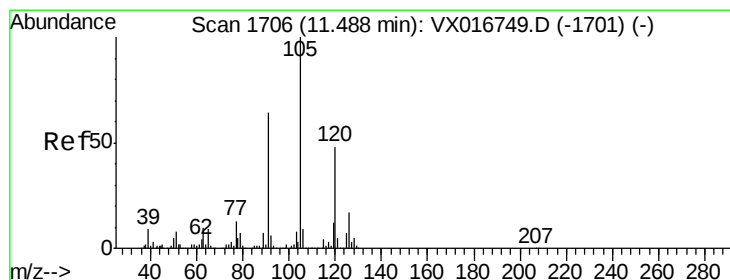
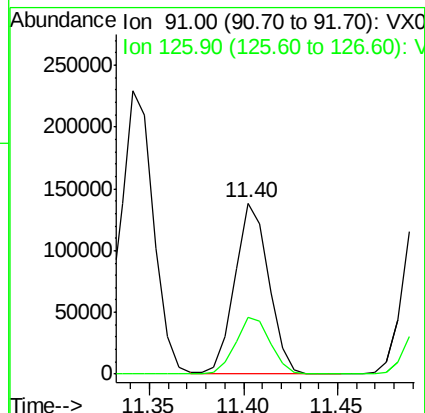
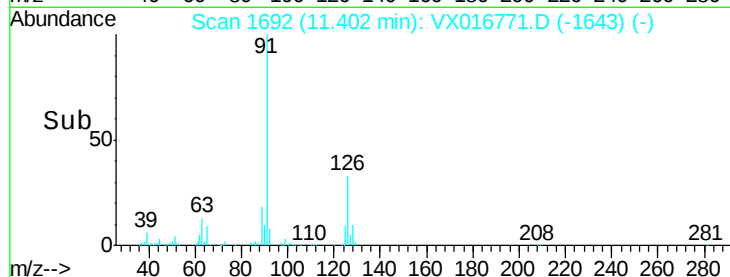
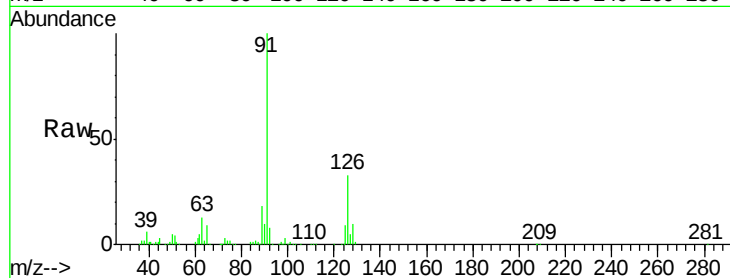
126 34.5 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.513 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016771.D

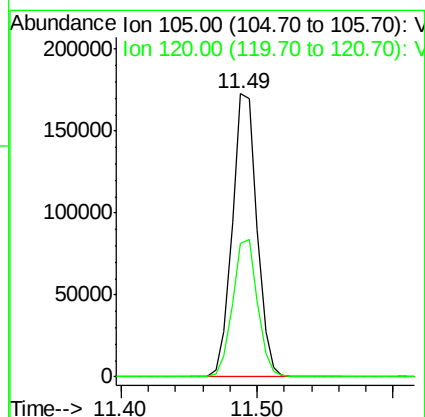
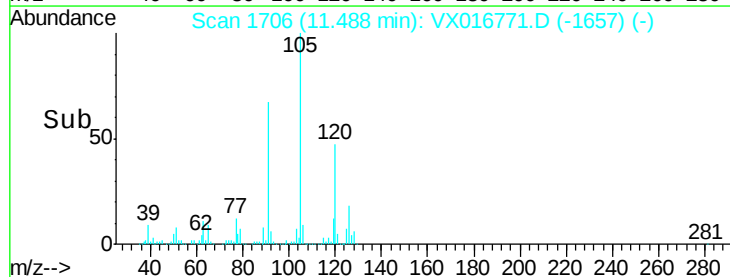
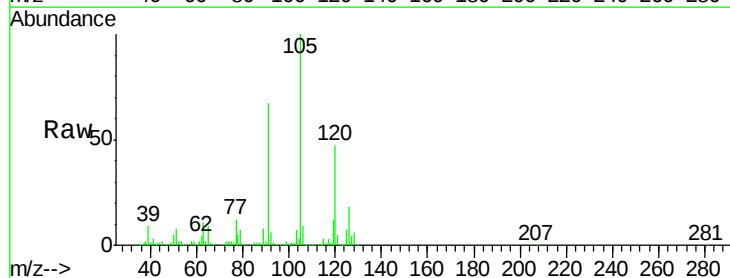
Acq: 16 Jun 2020 12:06

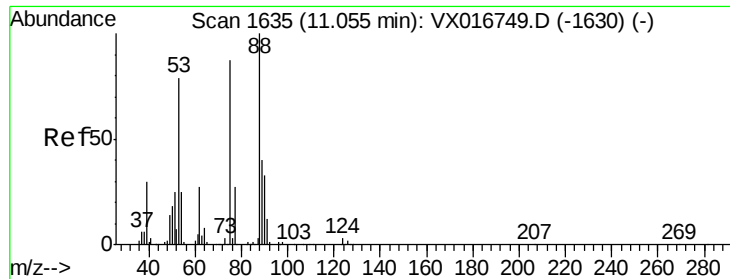
Tgt Ion: 105 Resp: 217266

Ion Ratio Lower Upper

105 100

120 48.8 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.123 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

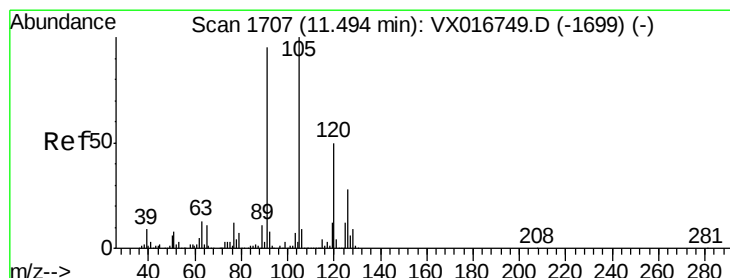
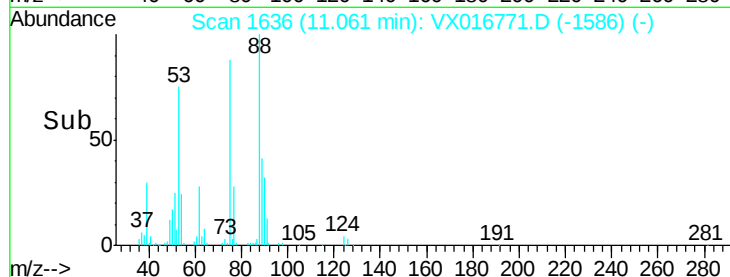
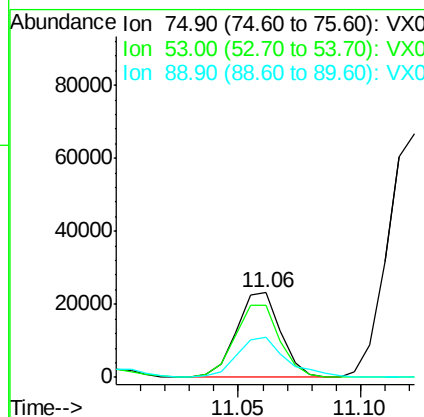
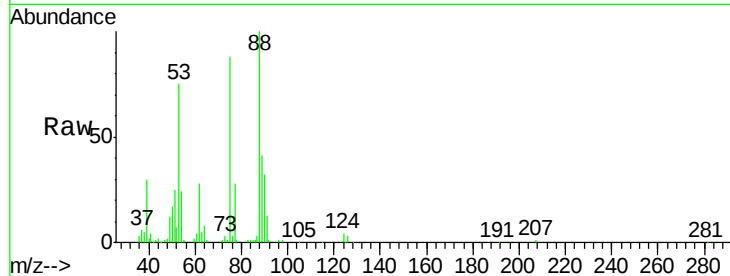
ClientSampleId :

VX0616WBS01

Tot Ion:	75	Resp:	29152
Ion Ratio	Lower	Upper	
75	100		
53	87.1	71.4	107.0
89	53.0	39.1	58.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.643 ug/l

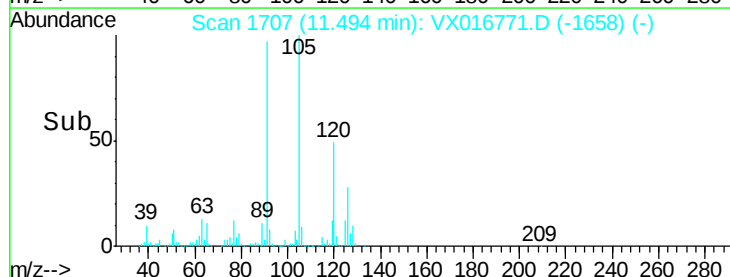
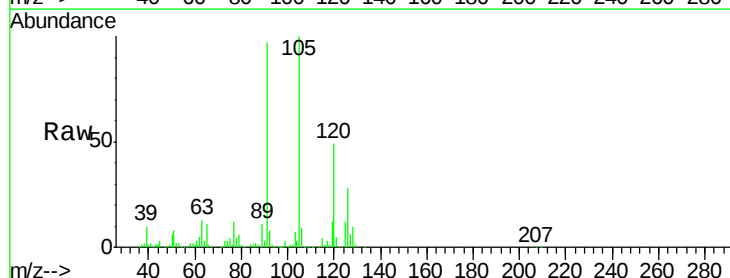
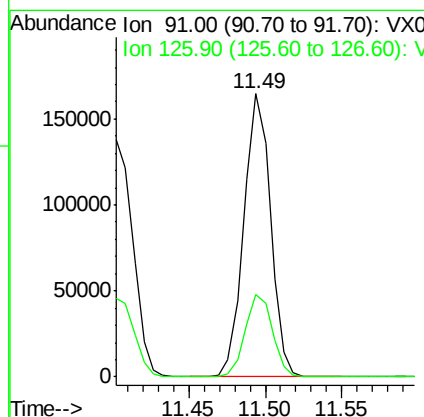
RT: 11.49 min Scan# 1707

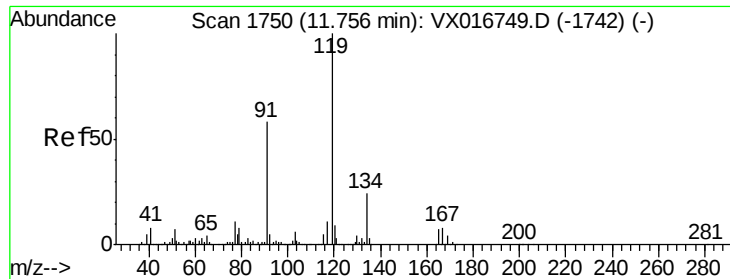
Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Tgt Ion:	91	Resp:	199504
Ion Ratio	Lower	Upper	
91	100		
126	30.0	15.2	45.6





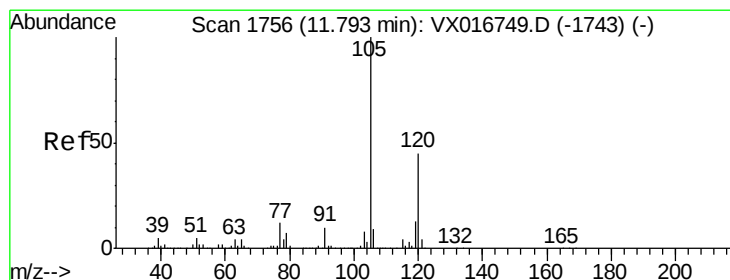
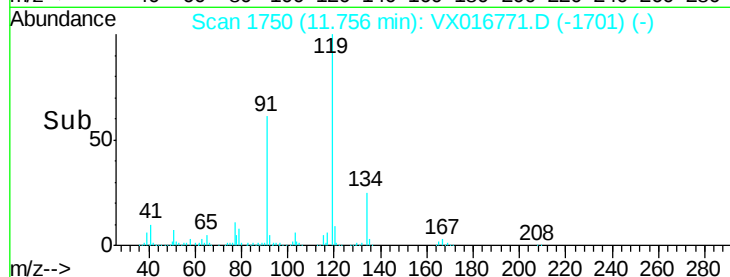
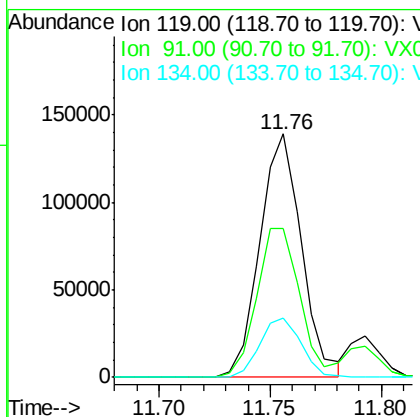
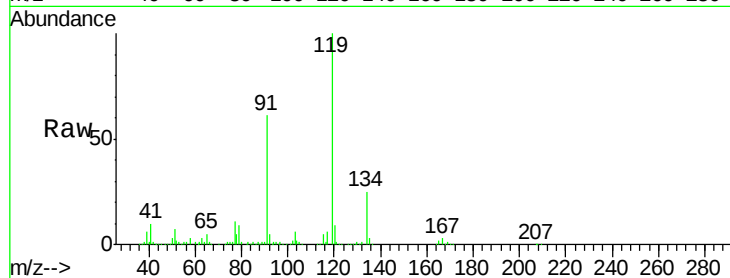
#83
tert-Butylbenzene
Concen: 18.719 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	181421		
91	62.5	29.3	88.0	
134	24.0	11.8	35.3	

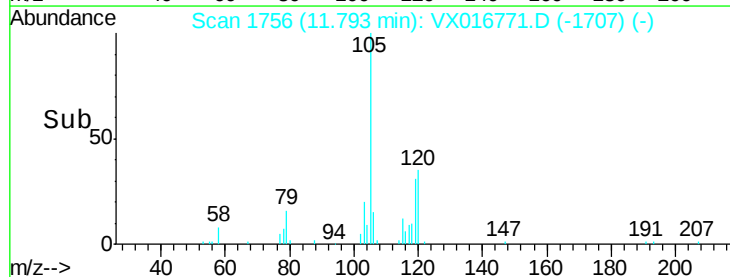
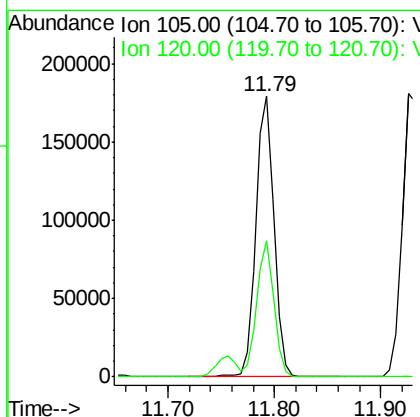
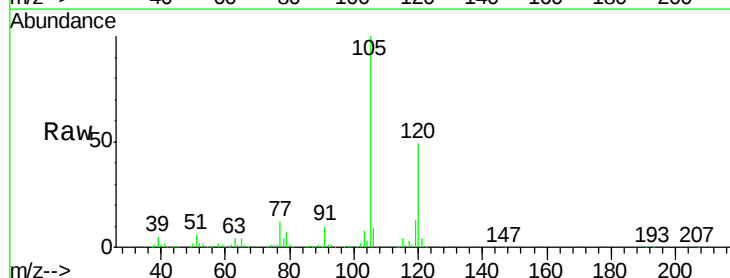
Manual Integrations
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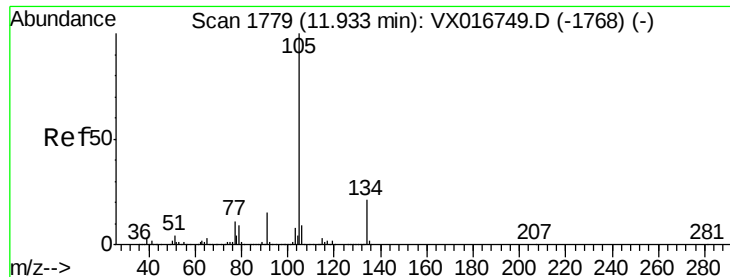
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.000 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	214295		
120	46.1	22.6	67.8	





#85

sec-Butylbenzene

Concen: 20.201 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

ClientSampleId :

VX0616WBS01

Tot Ion:105 Resp: 229006

Ion Ratio Lower Upper

105 100

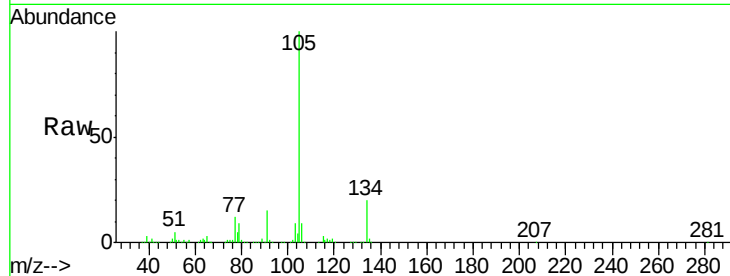
134 20.5 10.3 30.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

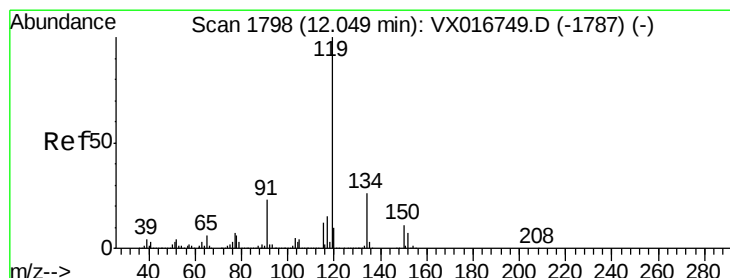
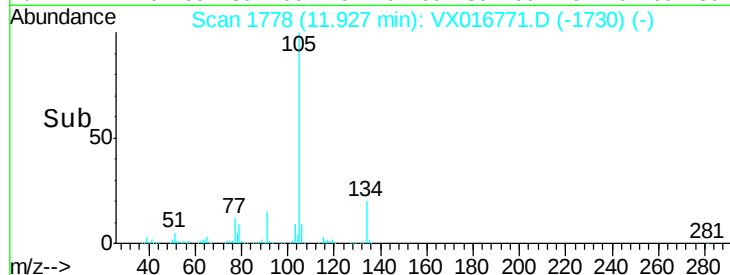
100000

50000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 20.157 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

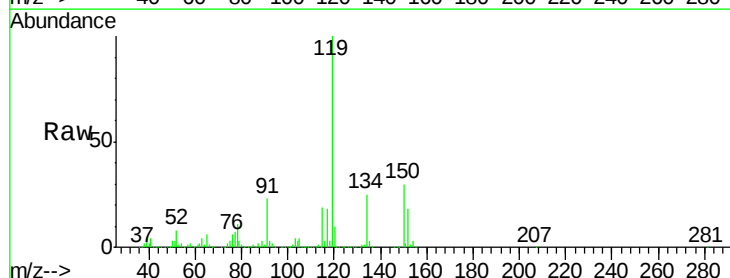
Tgt Ion:119 Resp: 219254

Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 23.5 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

250000

200000

150000

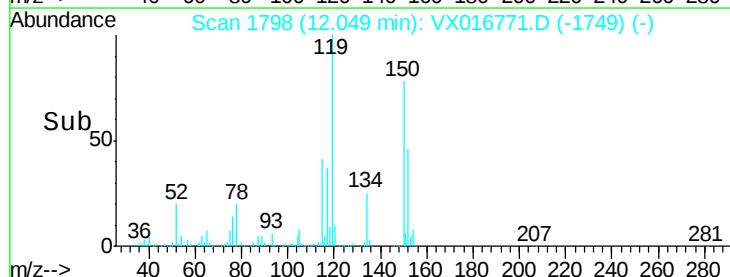
100000

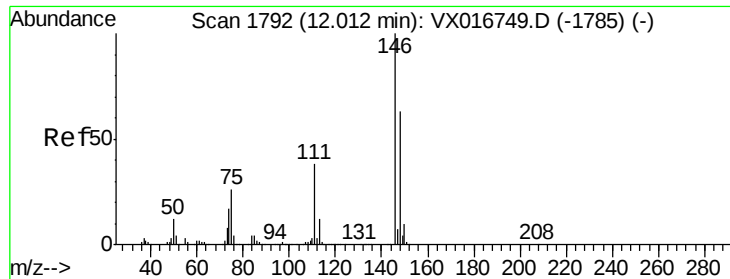
50000

0

12.00 12.10

Time-->





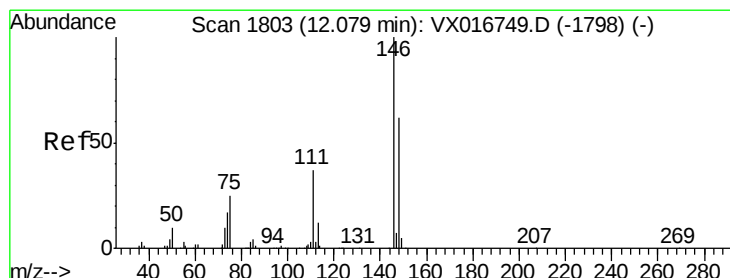
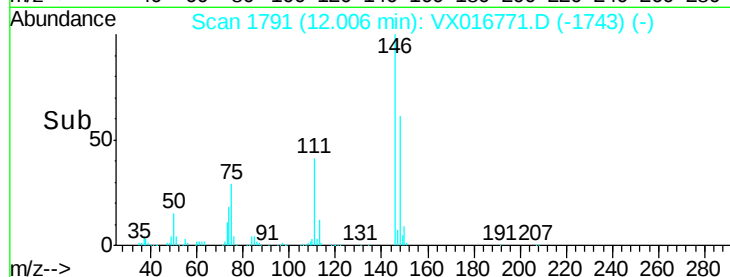
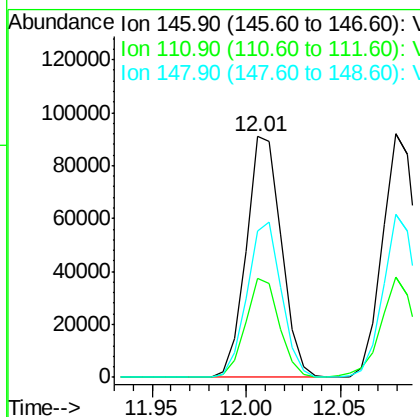
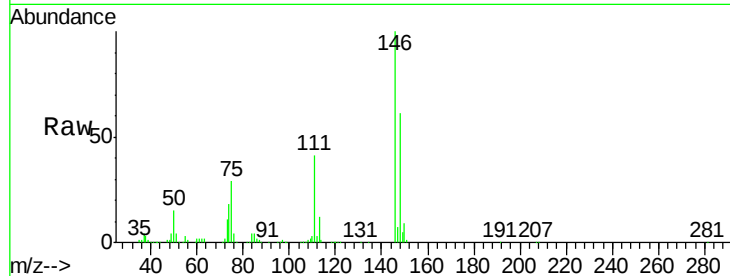
#87
 1,3-Dichlorobenzene
 Concen: 19.508 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.3
148	63.1	31.9	95.7

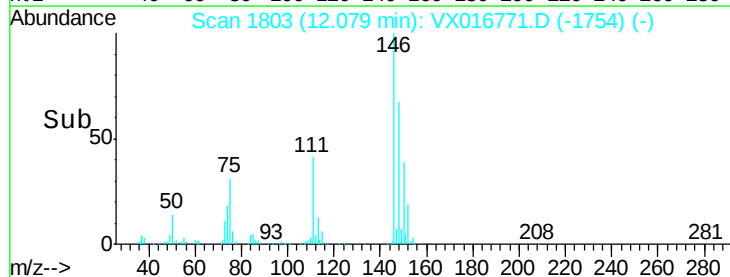
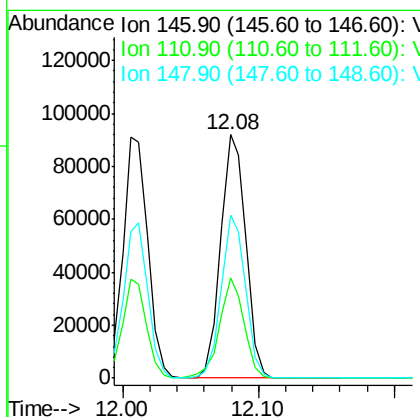
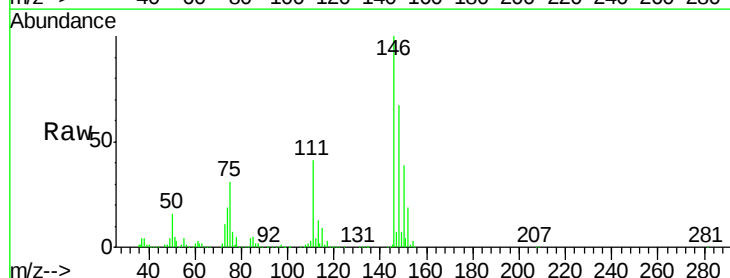
Manual Integrations
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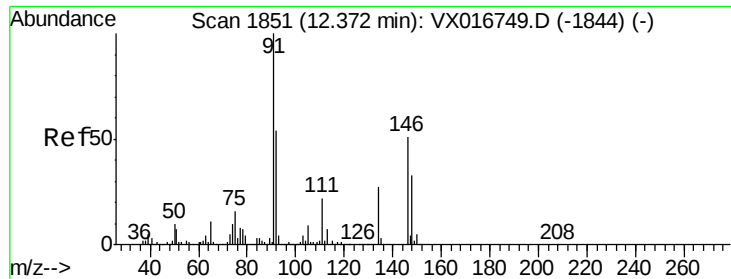
MMDadoda
 6/17/2020 9:34:35 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.774 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.3	57.8
148	64.6	32.1	96.5





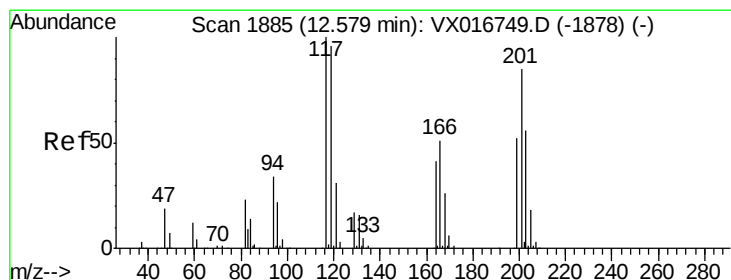
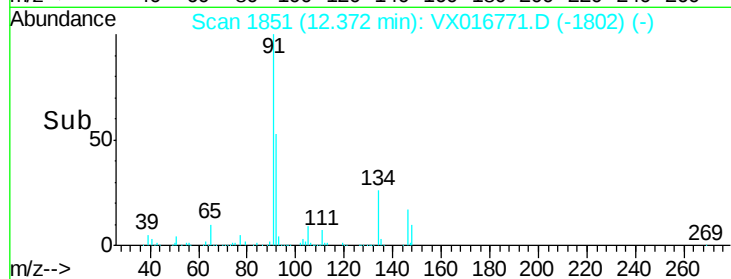
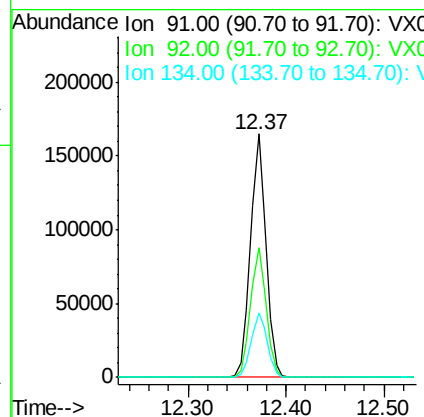
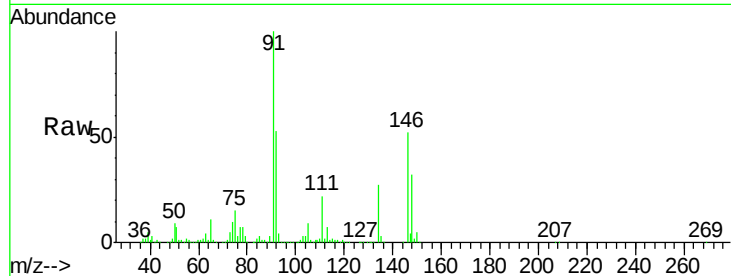
#89
n-Butylbenzene
Concen: 20.339 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Instrument :
MSVOA_X
ClientSampleId :
VX0616WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.0	80.8
134	27.3	13.7	41.0

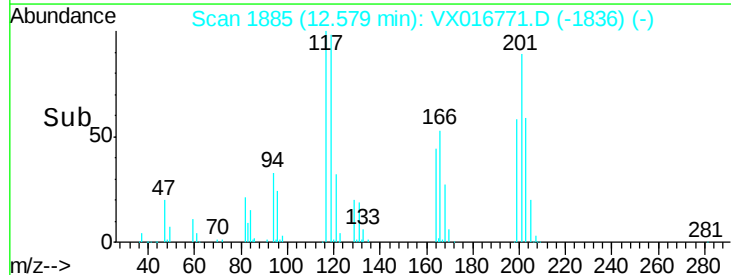
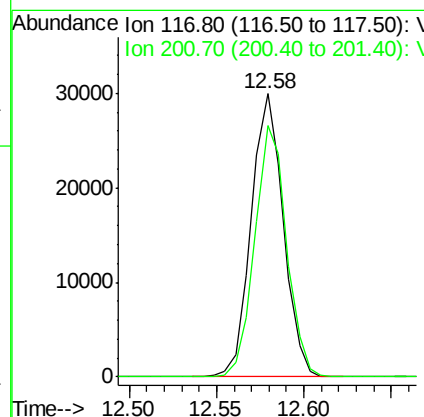
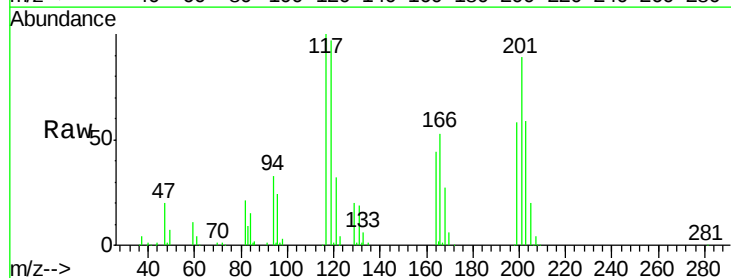
Manual Integrations
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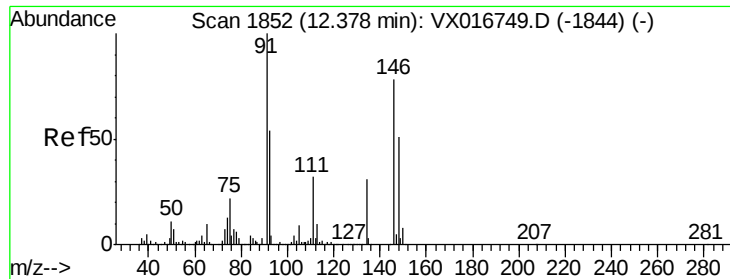
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6/17/2020 9:34:35 AM



#90
Hexachloroethane
Concen: 19.005 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016771.D
Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.9	45.6	136.9





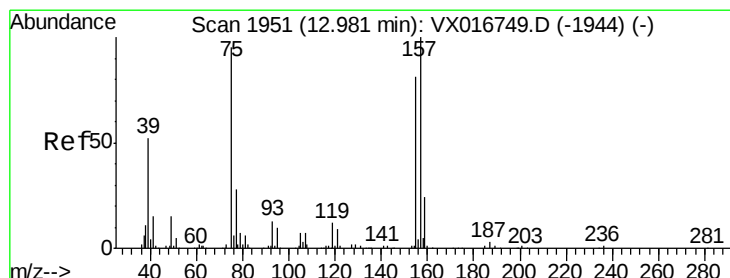
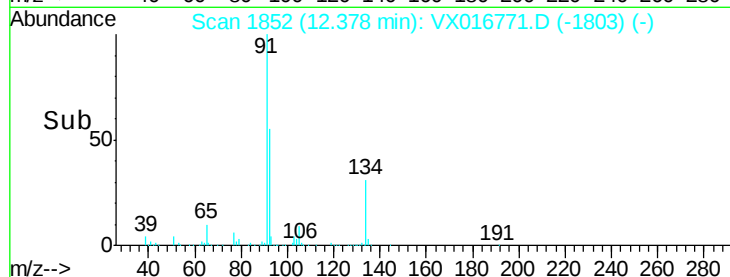
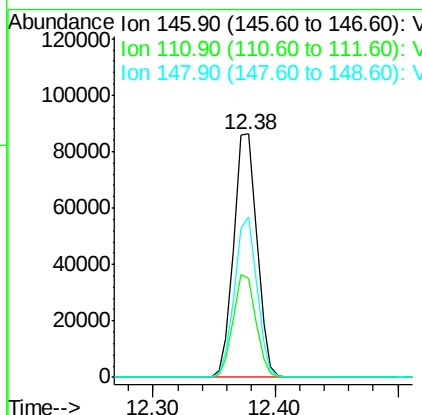
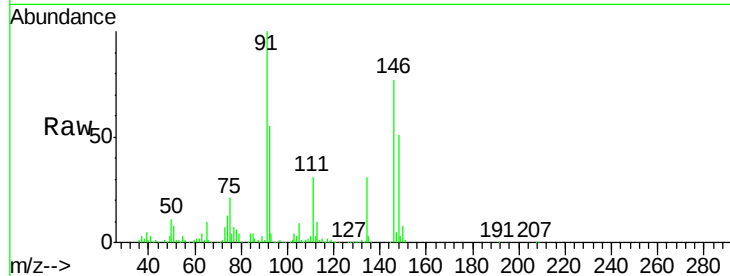
#91
 1,2-Dichlorobenzene
 Concen: 18.783 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	113290		
111	41.1	20.8	62.2	
148	63.6	32.1	96.5	

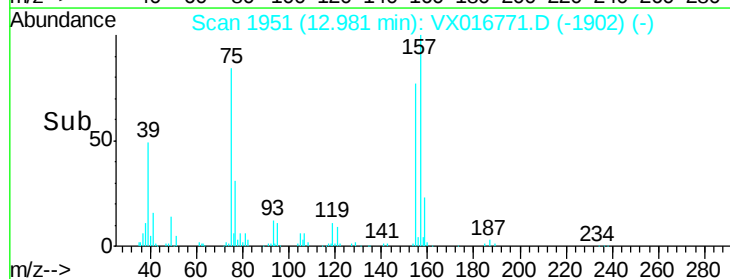
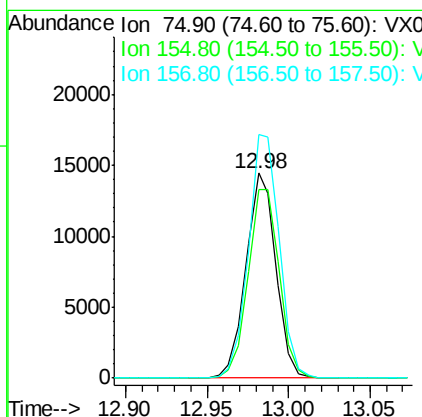
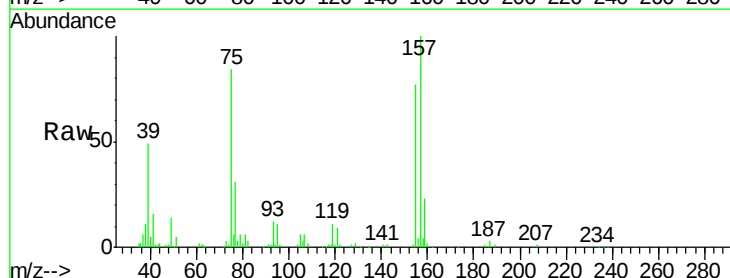
Manual Integrations
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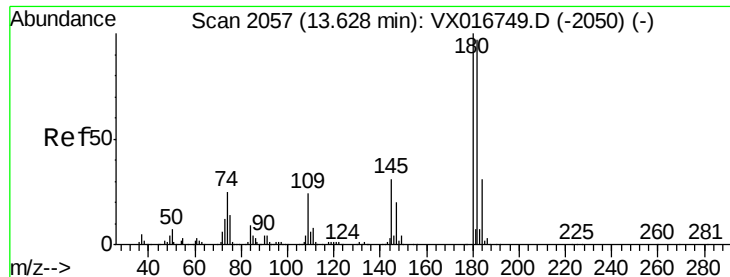
MMDadoda
 6/17/2020 9:34:35 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.816 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18517		
155	95.5	46.9	140.7	
157	122.1	59.6	178.7	





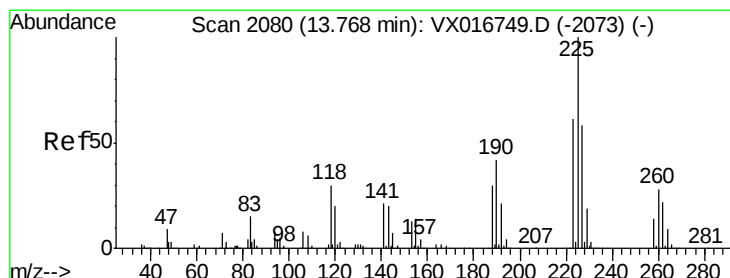
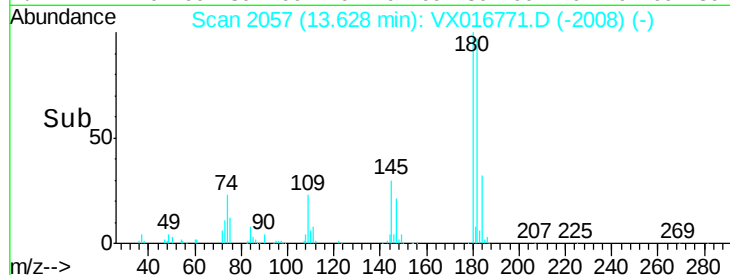
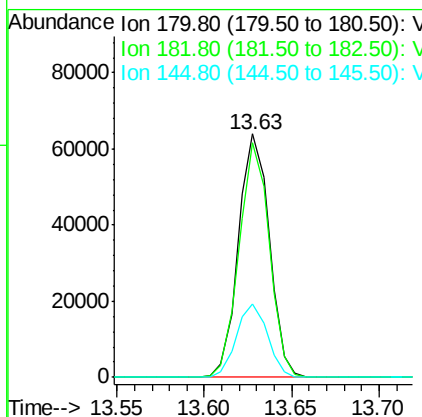
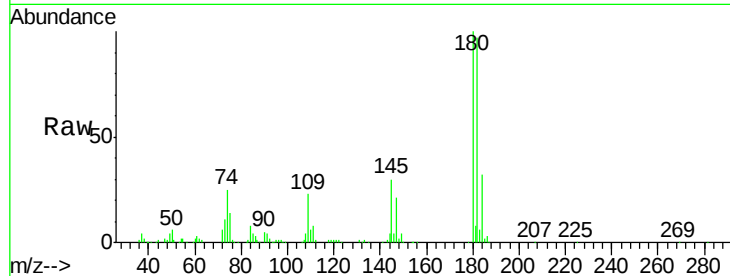
#93
 1,2,4-Trichlorobenzene
 Concen: 18.639 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0616WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.6	145.8
145	30.4	15.4	46.4

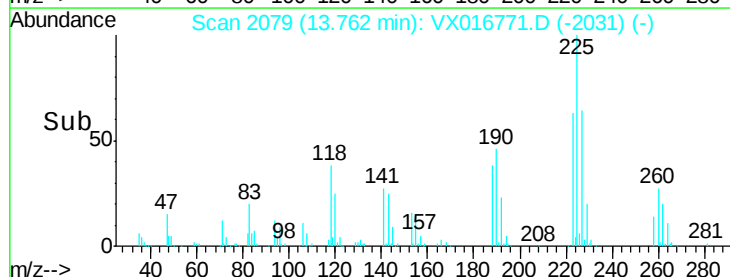
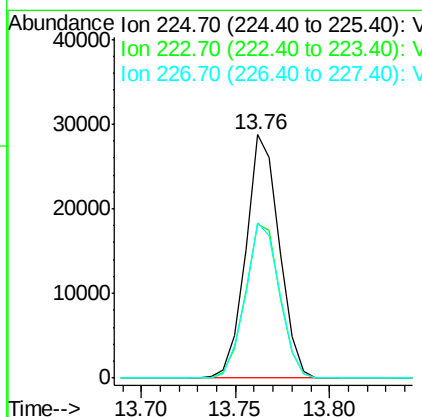
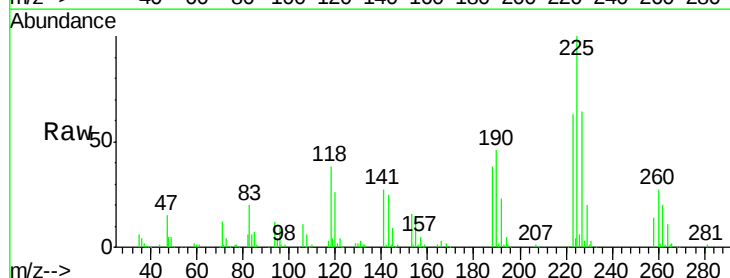
Manual Integrations
 APPROVED

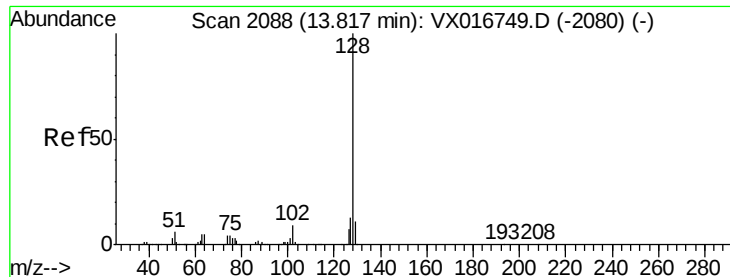
MMDadoda
 6/17/2020 9:34:35 AM



#94
 Hexachlorobutadiene
 Concen: 19.196 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016771.D
 Acq: 16 Jun 2020 12:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	31.1	93.5
227	65.3	30.9	92.7





#95

Naphthalene

Concen: 18.616 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Instrument :

MSVOA_X

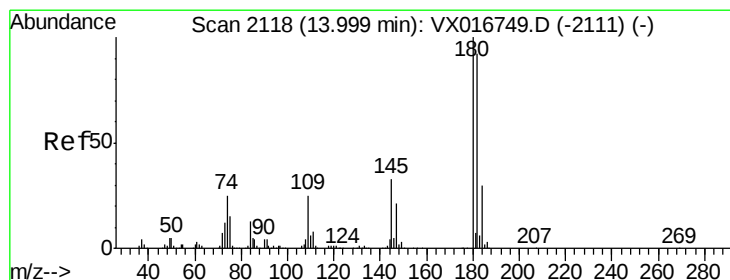
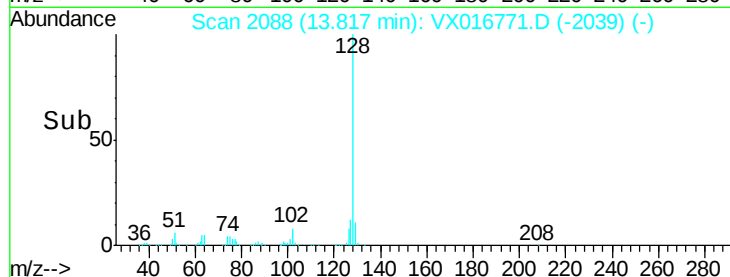
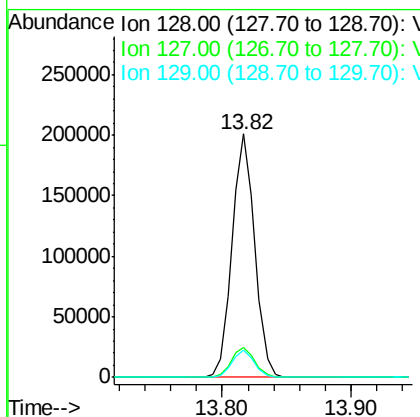
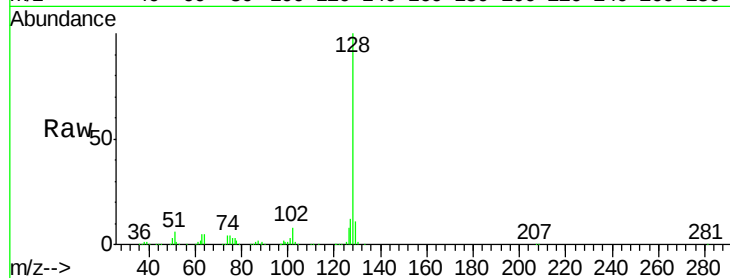
ClientSampleId :

VX0616WBS01

Tot Ion:	128	Resp:	246329
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

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6/17/2020 9:34:35 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.378 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016771.D

Acq: 16 Jun 2020 12:06

Tgt Ion:	180	Resp:	76405
Ion Ratio	Lower	Upper	
180	100		
182	100.0	47.1	141.4
145	33.0	15.9	47.7

