

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
 Data File : VY002609.D
 Acq On : 06 May 2020 12:48
 Operator : SY/MD
 Sample : L2515-01
 Misc : 6.69G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-18-(1-2)

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.742	973	985	990	rBV	206035	501651	3.74%	1.028%
2	7.809	990	996	1008	rVB	393691	884166	6.59%	1.812%
3	8.163	1044	1054	1066	rBV	194432	428495	3.20%	0.878%
4	8.705	1133	1143	1157	rBV	571835	1099014	8.20%	2.252%
5	10.187	1378	1386	1393	rBV	833756	1479268	11.03%	3.031%
6	11.497	1593	1601	1610	rBV	735536	1170864	8.73%	2.399%
7	11.705	1627	1635	1645	rBV	89908	175912	1.31%	0.360%
8	12.345	1732	1740	1747	rBV	8552907	13378785	99.77%	27.412%
9	12.491	1758	1764	1769	rBV	517731	797766	5.95%	1.635%
10	12.552	1769	1774	1776	rVV	107759	164941	1.23%	0.338%
11	12.589	1776	1780	1787	rVB	532073	860004	6.41%	1.762%
12	12.820	1808	1818	1825	rVV3	150701	432155	3.22%	0.885%
13	12.900	1825	1831	1838	rVV	575916	959363	7.15%	1.966%
14	13.131	1863	1869	1873	rBV	265278	413313	3.08%	0.847%
15	13.345	1897	1904	1914	rBV2	1002630	1965884	14.66%	4.028%
16	13.436	1914	1919	1928	rVB2	567322	1007679	7.51%	2.065%
17	13.637	1940	1952	1956	rBV	510677	879447	6.56%	1.802%
18	13.668	1956	1957	1967	rVB2	111865	144297	1.08%	0.296%
19	13.814	1976	1981	1987	rBV	230394	374463	2.79%	0.767%
20	13.881	1987	1992	1997	rBV2	237020	377775	2.82%	0.774%
21	13.979	2004	2008	2014	rVB	109623	161344	1.20%	0.331%
22	14.088	2021	2026	2031	rBV2	119946	181096	1.35%	0.371%
23	14.320	2059	2064	2070	rVV2	252859	604429	4.51%	1.238%
24	14.375	2070	2073	2080	rVB2	91508	193341	1.44%	0.396%
25	14.576	2101	2106	2111	rBV2	196309	318589	2.38%	0.653%
26	14.698	2118	2126	2130	rBV3	273348	534772	3.99%	1.096%
27	14.747	2130	2134	2144	rVB	299951	486845	3.63%	0.998%
28	14.844	2144	2150	2154	rBV	104197	160911	1.20%	0.330%
29	14.899	2154	2159	2164	rVV	257830	428450	3.19%	0.878%
30	14.954	2164	2168	2178	rVV3	233129	456059	3.40%	0.934%
31	15.064	2180	2186	2195	rVV4	157832	318181	2.37%	0.652%
32	15.143	2195	2199	2207	rVV3	175288	346206	2.58%	0.709%
33	15.247	2209	2216	2225	rVB	8056444	13410111	100.00%	27.477%
34	15.344	2225	2232	2239	rBV	212411	402971	3.00%	0.826%

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TP-18-(1-2)

Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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35	16.307	2383	2390	2404	rVB	1082131	2174604	16.22%	4.456%
36	16.509	2415	2423	2433	rVB	540264	1132399	8.44%	2.320%

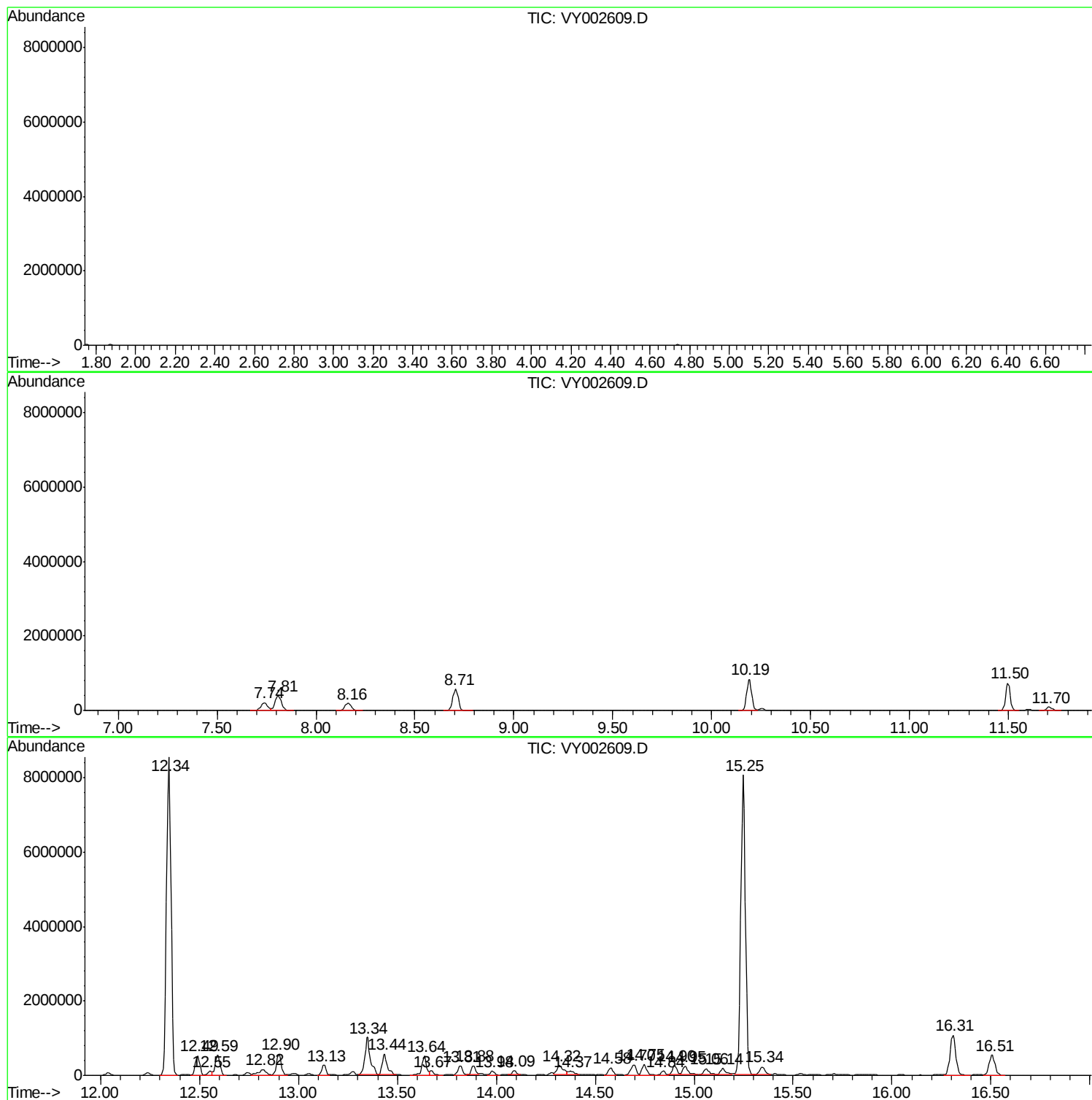
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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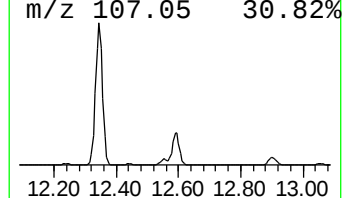
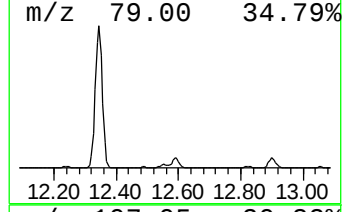
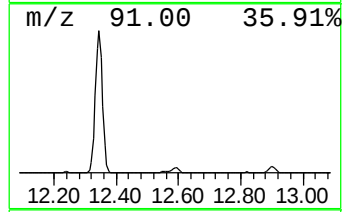
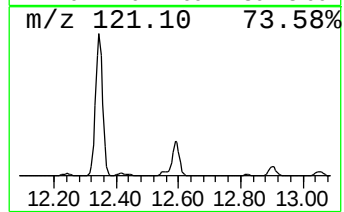
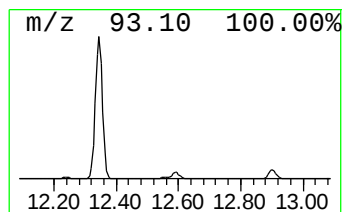
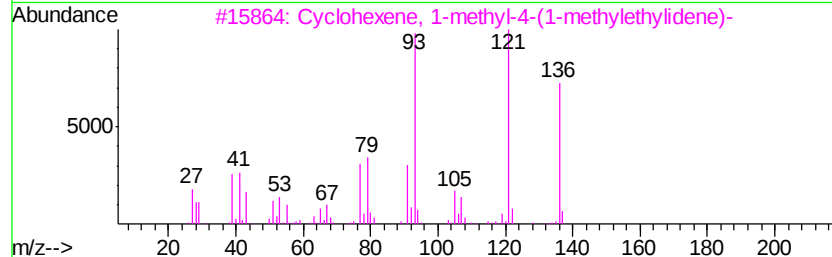
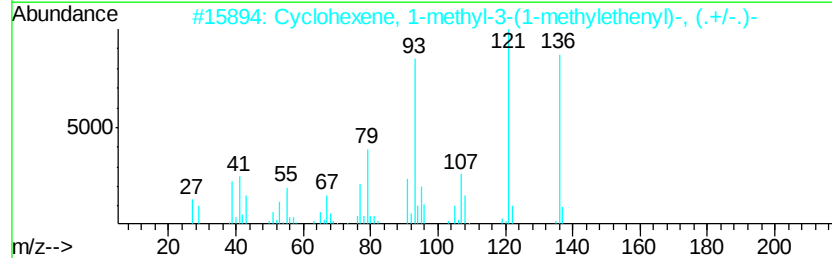
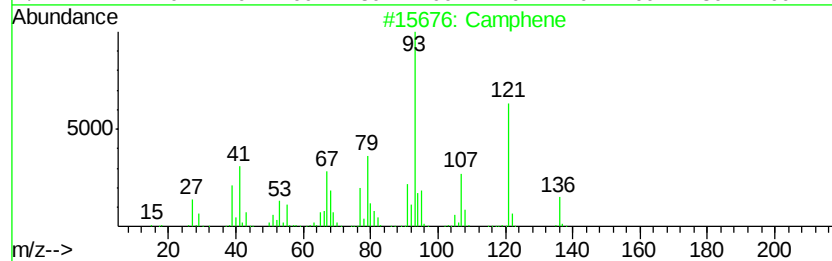
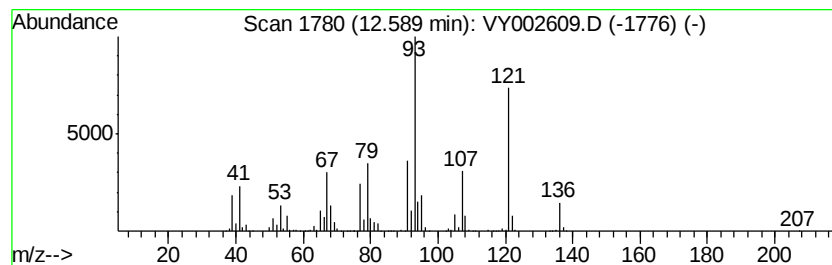
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Camphene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	42.67 ug/l	860004	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Camphene	136	C10H16	000079-92-5	95
2		Cyclohexene, 1-methyl-3-(1-methyl-3-(1-methylethylidene)-4-methylethylidene)-	136	C10H16	000499-03-6	87
3		Cyclohexene, 1-methyl-4-(1-methyl-3-(1-methylethylidene)-4-methylethylidene)-	136	C10H16	000586-62-9	83
4		2-Carene	136	C10H16	000554-61-0	83
5		(+)-4-Carene	136	C10H16	029050-33-7	83



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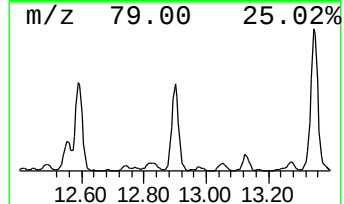
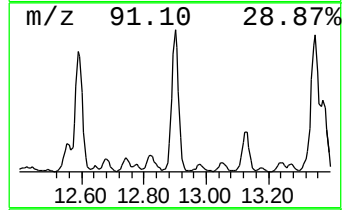
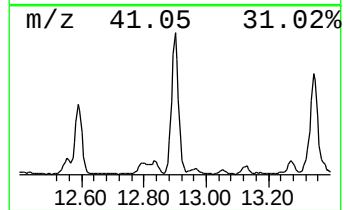
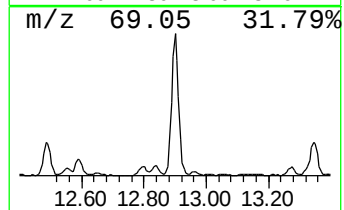
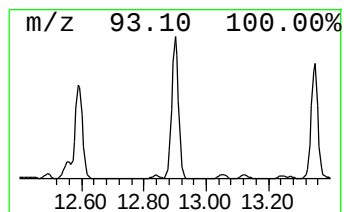
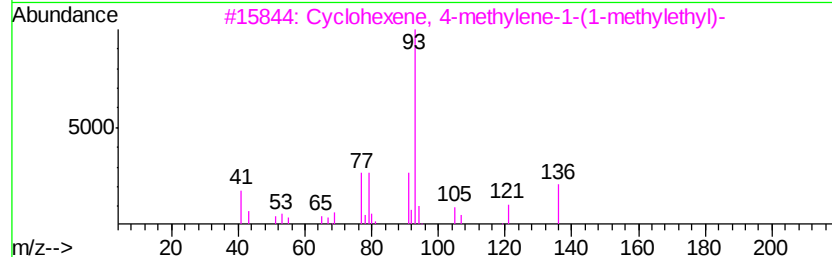
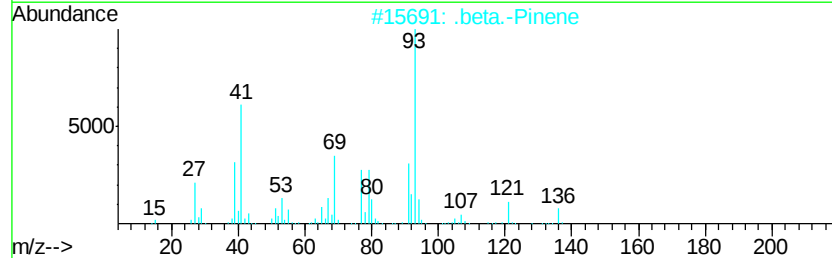
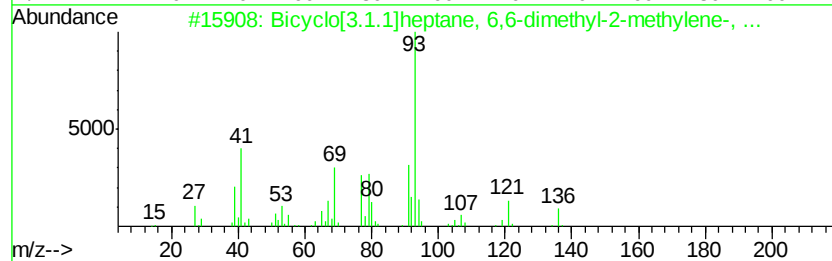
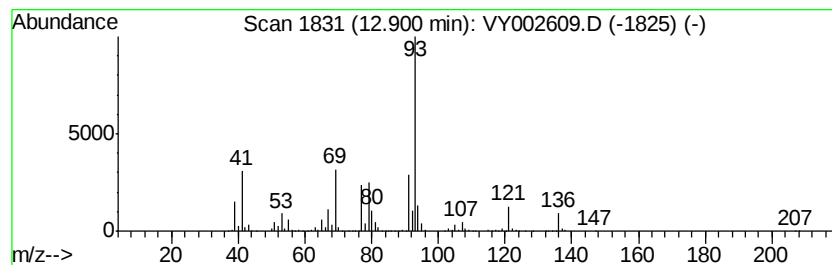
Instrument :
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Peak Number 2 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	47.60 ug/l	959363	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bicyclo[3.1.1]heptane, 6,6-dimet...	136 C10H16	018172-67-3 97
2		.beta.-Pinene	136 C10H16	000127-91-3 97
3		Cyclohexene, 4-methylene-1-(1-me...	136 C10H16	000099-84-3 91
4		Bicyclo[3.1.0]hexane, 4-methylen...	136 C10H16	003387-41-5 90
5		(1R)-2,6,6-Trimethylbicyclo[3.1....	136 C10H16	007785-70-8 90



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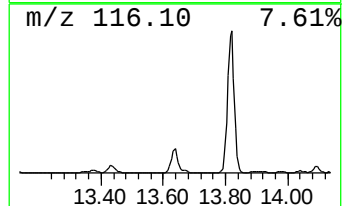
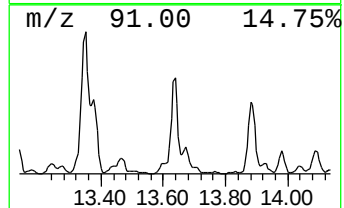
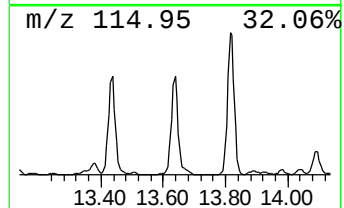
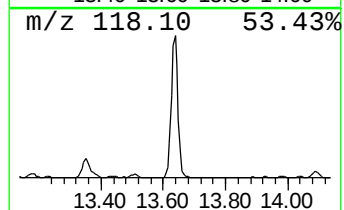
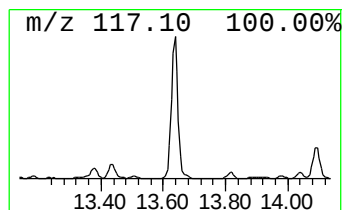
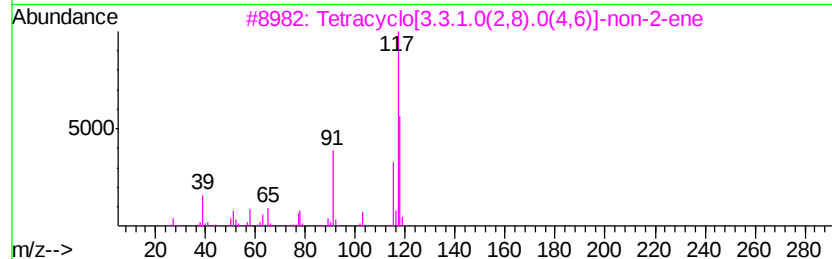
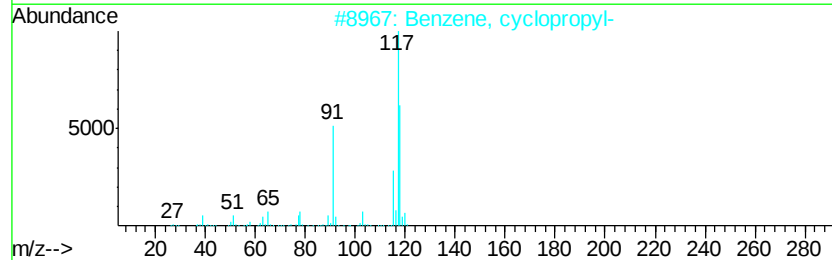
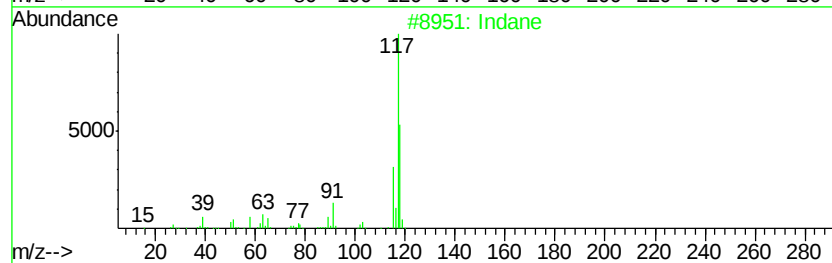
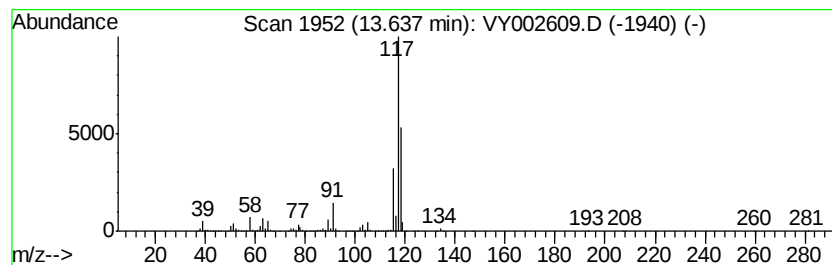
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	43.64 ug/l	879447	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indane	118	C9H10	000496-11-7	93
2		Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3		Tetracyclo[3.3.1.0(2,8).0(4,6)]-	118	C9H10	1000191-13-7	83
4		Deltacyclene	118	C9H10	007785-10-6	72
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	64



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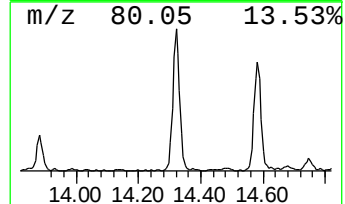
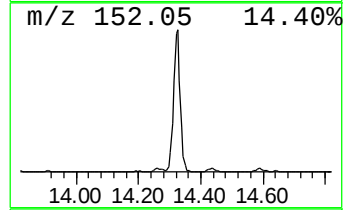
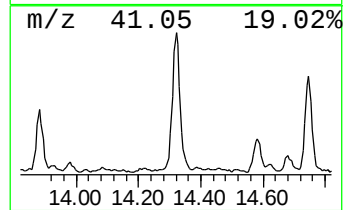
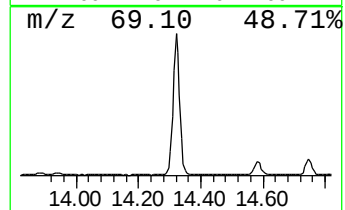
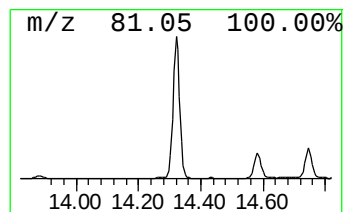
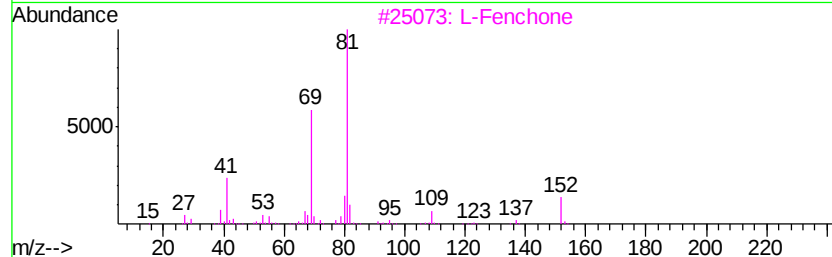
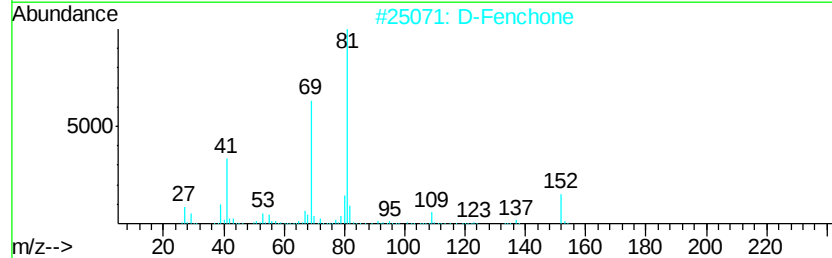
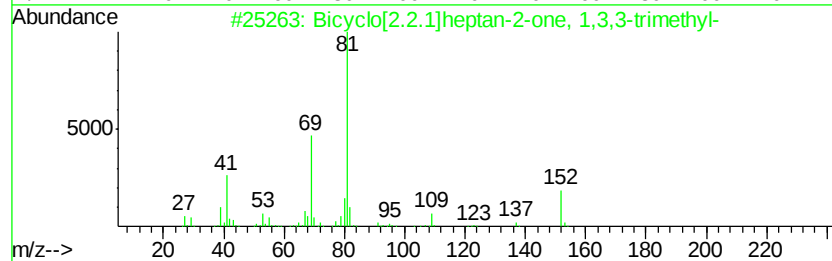
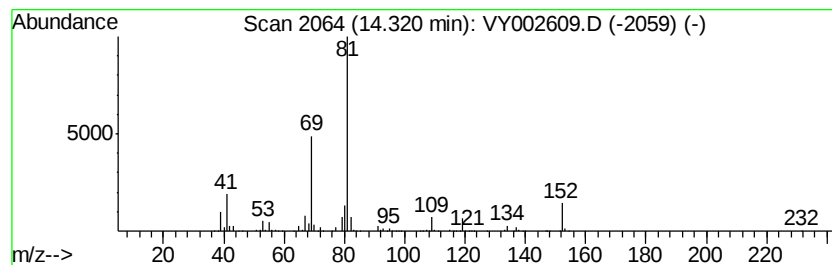
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Peak Number 4 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.32	29.99 ug/l	604429	1,4-Dichlorobenzene-d4	13.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	95
2		D-Fenchone	152	C10H16O	004695-62-9	94
3		L-Fenchone	152	C10H16O	007787-20-4	94
4		Ethanone, 1-(2-methyl-2-cyclopentyl)-	124	C8H12O	001767-84-6	34
5		1-[4-(4-tert-Butyl-spirocyclohexyl)-	371	C20H28F3NO2	1000301-43-3	33



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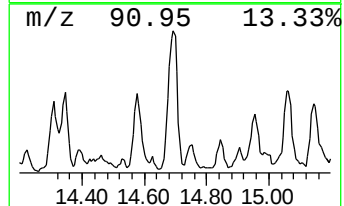
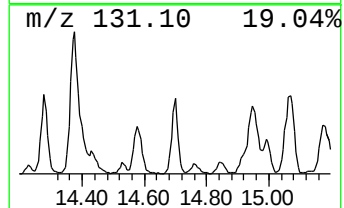
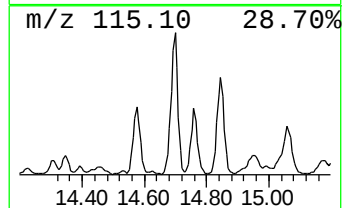
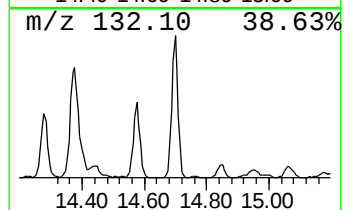
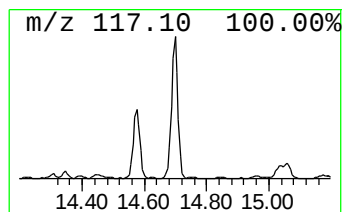
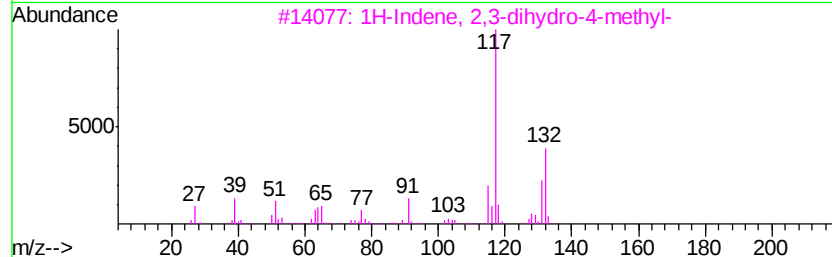
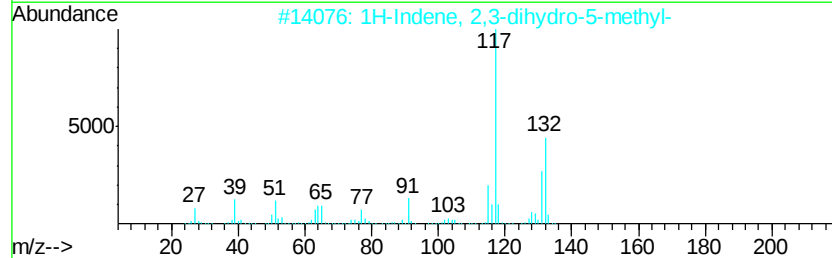
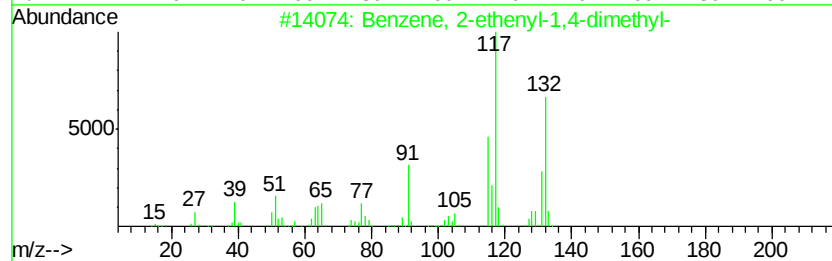
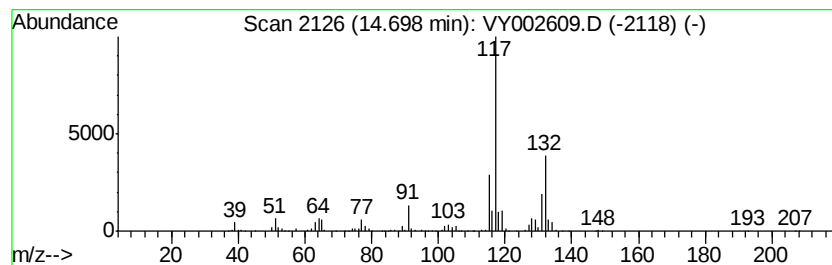
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	26.53 ug/l	534772	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4		Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
Data File : VY002609.D
Acq On : 06 May 2020 12:48
Operator : SY/MD
Sample : L2515-01
Misc : 6.69G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-18-(1-2)

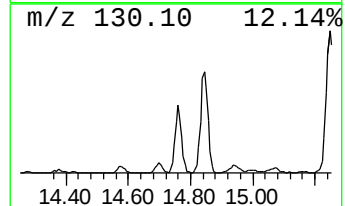
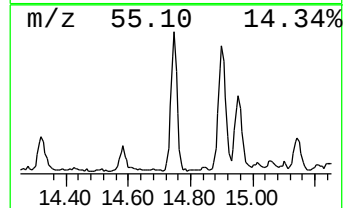
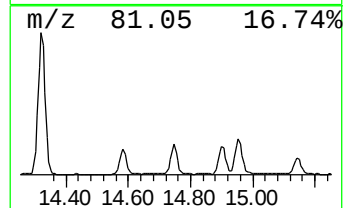
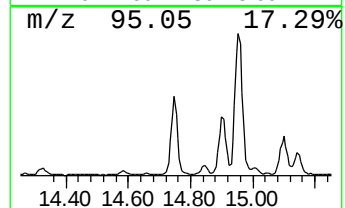
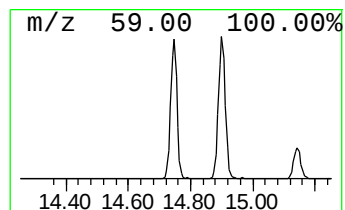
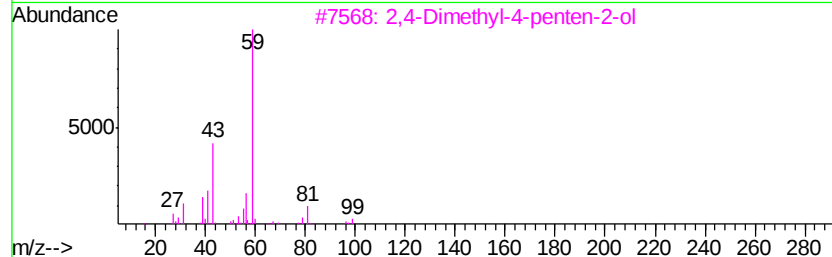
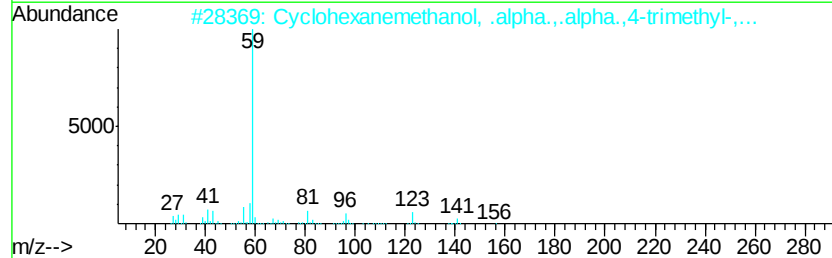
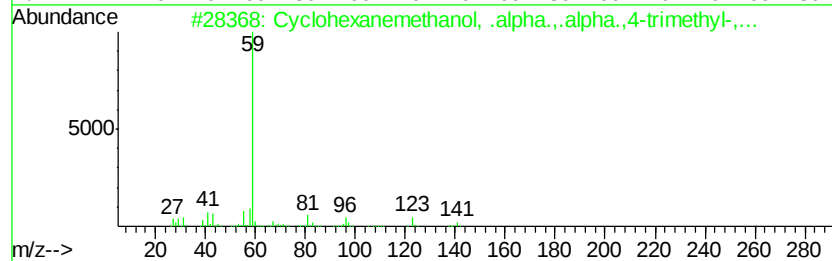
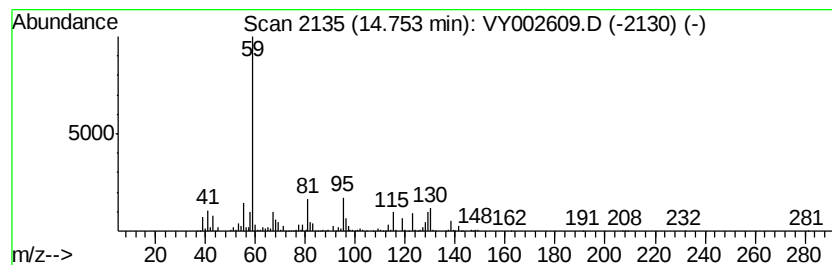
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclohexanemethanol, .alpha... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	24.16 ug/l	486845	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanemethanol, .alpha...al...	156	C10H20O	007322-63-6	59
2		Cyclohexanemethanol, .alpha...al...	156	C10H20O	005114-00-1	59
3		2,4-Dimethyl-4-penten-2-ol	114	C7H14O	019781-53-4	50
4		Butane, 2-methoxy-3-methyl-	102	C6H14O	062016-49-3	49
5		trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1000281-69-5	45



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
Data File : VY002609.D
Acq On : 06 May 2020 12:48
Operator : SY/MD
Sample : L2515-01
Misc : 6.69G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

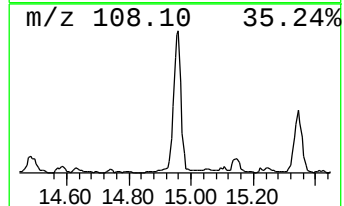
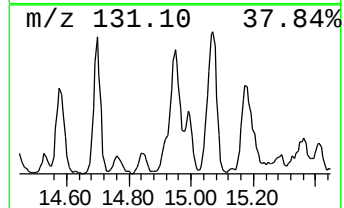
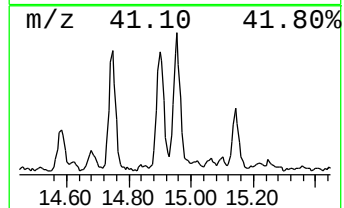
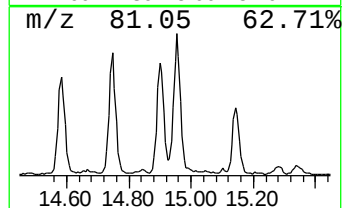
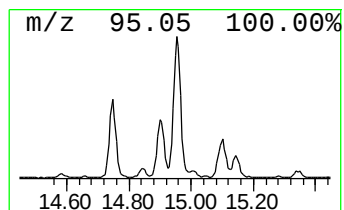
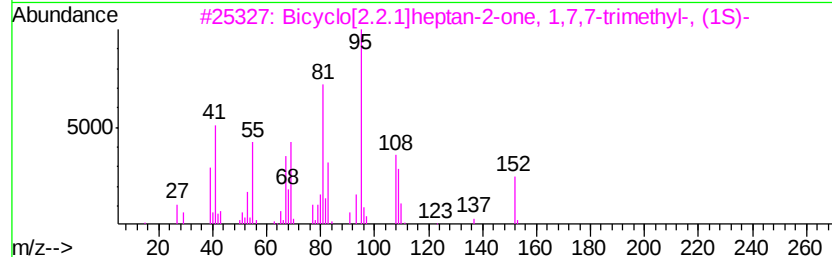
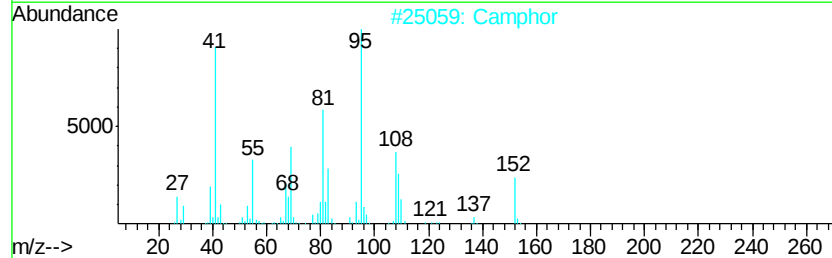
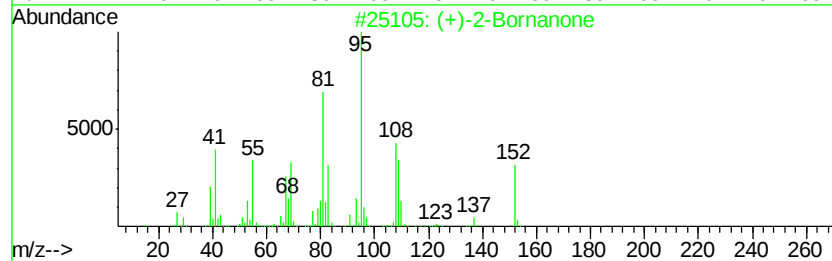
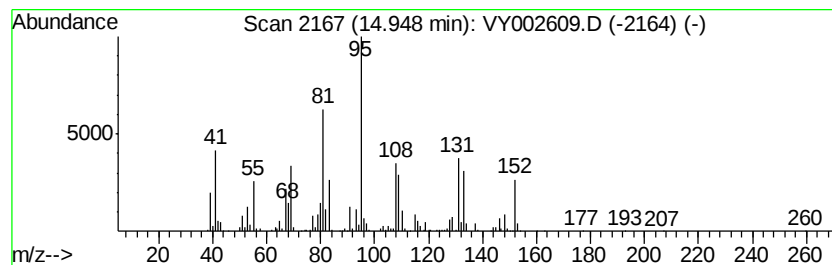
Instrument :
MSVOA_Y
ClientSampleId :
TP-18-(1-2)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (+)-2-Bornanone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	22.63 ug/l	456059	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		(+)-2-Bornanone	152 C10H16O	000464-49-3 98
2		Camphor	152 C10H16O	000076-22-2 98
3		Bicyclo[2.2.1]heptan-2-one, 1,7,...	152 C10H16O	000464-48-2 96
4		5,7-Octadien-4-one, 2,6-dimethyl...	152 C10H16O	006752-80-3 43
5		2-Butanone, 4-(5-methyl-2-furanyl)-	152 C9H12O2	013679-56-6 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050620\
Data File : VY002609.D
Acq On : 06 May 2020 12:48
Operator : SY/MD
Sample : L2515-01
Misc : 6.69G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-18-(1-2)

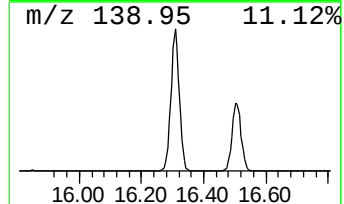
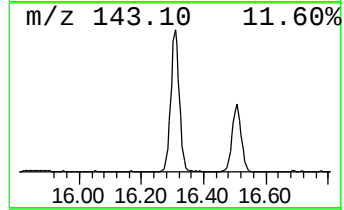
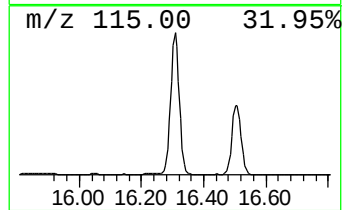
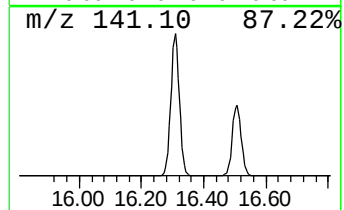
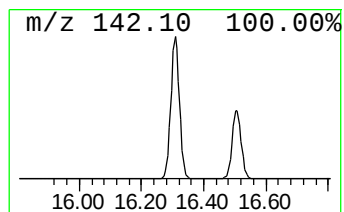
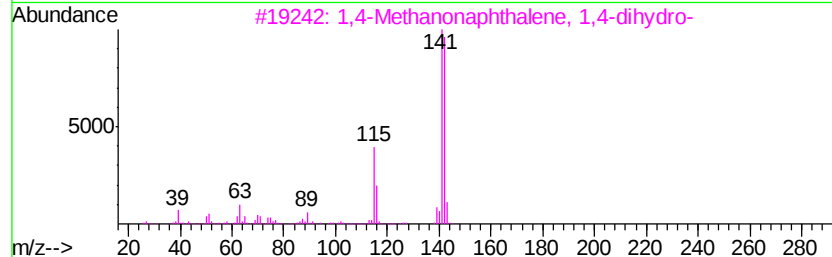
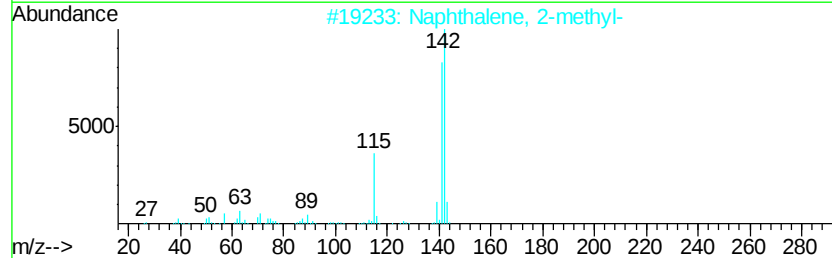
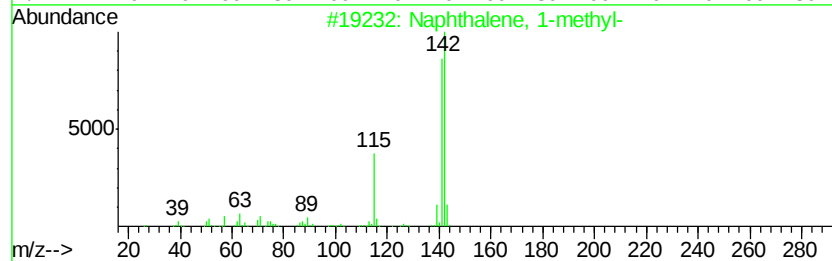
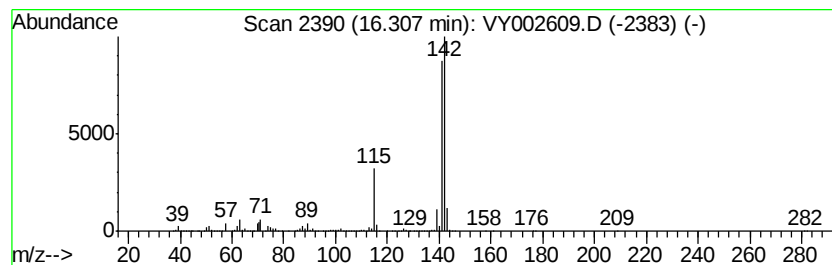
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	107.90 ug/l	2174600	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY050620\
Data File : VY002609.D
Acq On : 06 May 2020 12:48
Operator : SY/MD
Sample : L2515-01
Misc : 6.69G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-18-(1-2)

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Camphene	12.59	42.7	ug/l	860004	4	13.44	1007680	50.0
Bicyclo[3.1.1]hept...	12.90	47.6	ug/l	959363	4	13.44	1007680	50.0
Indane	13.64	43.6	ug/l	879447	4	13.44	1007680	50.0
Bicyclo[2.2.1]hept...	14.32	30.0	ug/l	604429	4	13.44	1007680	50.0
Benzene, 2-etheny...	14.70	26.5	ug/l	534772	4	13.44	1007680	50.0
Cyclohexanemethan...	14.75	24.2	ug/l	486845	4	13.44	1007680	50.0
(+)-2-Bornanone	14.95	22.6	ug/l	456059	4	13.44	1007680	50.0
Naphthalene, 1-me...	16.31	107.9	ug/l	2174600	4	13.44	1007680	50.0