

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072426.D
 Acq On : 25 Mar 2022 13:51
 Operator : VA/SY
 Sample : N1977-01
 Misc : 5.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-20220315-16.0-17.0

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Title : SW846 8260

Signal : TIC: VD072426.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.973	1023	1029	1038	rVB	590413	1377988	1.20%	0.216%
2	8.349	1081	1093	1104	rBV	3750071	8786555	7.63%	1.376%
3	8.861	1169	1180	1194	rBV	882473	1858351	1.61%	0.291%
4	10.337	1422	1431	1435	rBV	1553350	2974660	2.58%	0.466%
5	10.396	1435	1441	1449	rVB2	938956	2072365	1.80%	0.325%
6	11.432	1607	1617	1627	rBV7	427798	1576416	1.37%	0.247%
7	11.637	1643	1652	1663	rBV2	1678752	4579197	3.98%	0.717%
8	11.737	1663	1669	1676	rBV	7527831	12919140	11.22%	2.024%
9	11.849	1680	1688	1698	rVB2	1777357	4145321	3.60%	0.649%
10	12.173	1732	1743	1751	rBV2	1482844	4320075	3.75%	0.677%
11	12.384	1775	1779	1784	rVB4	735991	1464609	1.27%	0.229%
12	12.473	1784	1794	1799	rBV	4843373	8798160	7.64%	1.378%
13	12.543	1799	1806	1810	rVV6	714666	1533683	1.33%	0.240%
14	12.626	1815	1820	1823	rBV	1461599	2451510	2.13%	0.384%
15	12.808	1843	1851	1856	rBV2	2300549	4916971	4.27%	0.770%
16	12.949	1864	1875	1888	rVB3	4307885	10701860	9.30%	1.676%
17	13.114	1895	1903	1910	rBV	5550651	11170817	9.70%	1.750%
18	13.173	1910	1913	1918	rVB	1429550	1949819	1.69%	0.305%
19	13.261	1922	1928	1933	rVB	11471831	18034133	15.67%	2.825%
20	13.384	1940	1949	1953	rBV4	809901	2620348	2.28%	0.410%
21	13.449	1953	1960	1965	rBV2	3738409	6889175	5.98%	1.079%
22	13.502	1965	1969	1976	rVB3	2222574	3933929	3.42%	0.616%
23	13.567	1976	1980	1981	rBV	1669686	2098814	1.82%	0.329%
24	13.596	1981	1985	1989	rVB	5974172	9087650	7.89%	1.424%
25	13.637	1989	1992	1999	rVB2	949189	1427689	1.24%	0.224%
26	13.725	2000	2007	2010	rBV	13063682	21897422	19.02%	3.430%
27	13.767	2010	2014	2019	rBV	30087673	48119175	41.80%	7.538%
28	13.890	2029	2035	2039	rBV2	2817632	4718694	4.10%	0.739%
29	13.955	2040	2046	2050	rBV2	1468247	2777101	2.41%	0.435%
30	14.020	2052	2057	2060	rBV	4828251	8195754	7.12%	1.284%
31	14.108	2066	2072	2082	rVB	17211745	28215117	24.51%	4.420%
32	14.220	2083	2091	2095	rBV3	11996096	23342055	20.28%	3.656%
33	14.261	2095	2098	2106	rVB2	2810124	5686787	4.94%	0.891%
34	14.349	2106	2113	2117	rBV4	3337920	7569538	6.58%	1.186%
35	14.402	2118	2122	2123	rVV3	2660207	3894303	3.38%	0.610%
36	14.431	2123	2127	2130	rVV	5671360	9811202	8.52%	1.537%

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Integrator: RTE

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Stop Thrs : 0

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	14.467	2130	2133	2137	rVB	6868823	9314262	8.09%	1.459%
38	14.514	2137	2141	2145	rBV	7897324	10495552	9.12%	1.644%
39	14.578	2145	2152	2156	rBV4	2388121	5479946	4.76%	0.858%
40	14.702	2167	2173	2178	rBV	14307248	23786165	20.66%	3.726%
41	14.743	2178	2180	2184	rVB	2706431	3253825	2.83%	0.510%
42	14.814	2185	2192	2197	rBV3	13832039	31572462	27.43%	4.946%
43	14.861	2197	2200	2201	rBV	1862635	2068655	1.80%	0.324%
44	14.967	2213	2218	2225	rVB	8186540	14372355	12.48%	2.251%
45	15.078	2231	2237	2244	rBV2	7231754	13990545	12.15%	2.192%
46	15.196	2252	2257	2265	rBV3	3552439	7705366	6.69%	1.207%
47	15.390	2278	2290	2301	rVB2	52204808	115121781	100.00%	18.033%
48	15.496	2302	2308	2320	rVB3	4587437	11600018	10.08%	1.817%
49	15.596	2321	2325	2332	rVB6	1006571	2247097	1.95%	0.352%
50	15.684	2333	2340	2343	rBV5	1726613	4097937	3.56%	0.642%
51	15.761	2350	2353	2361	rVB5	2401861	4885515	4.24%	0.765%
52	15.878	2368	2373	2378	rVB2	1913008	3410841	2.96%	0.534%
53	16.002	2387	2394	2398	rBV3	1829227	4341366	3.77%	0.680%
54	16.414	2459	2464	2469	rBV	1158602	2416051	2.10%	0.378%
55	16.484	2469	2476	2488	rVB2	3855369	9803758	8.52%	1.536%
56	16.690	2502	2511	2522	rVB	26150281	62503692	54.29%	9.791%

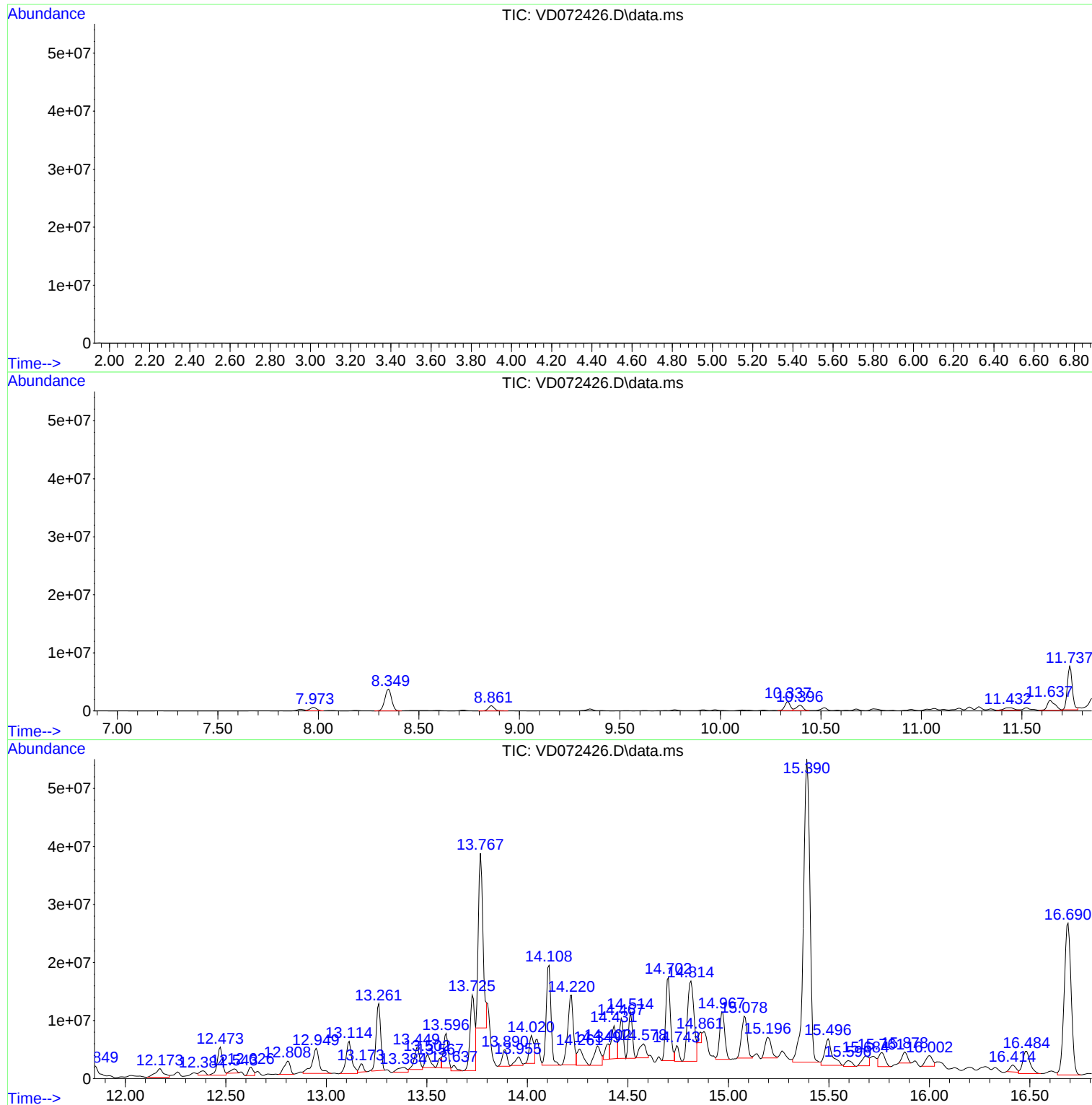
Sum of corrected areas: 638383572

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SB-12-20220315-16.0-17.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId :
SB-12-20220315-16.0-17.0

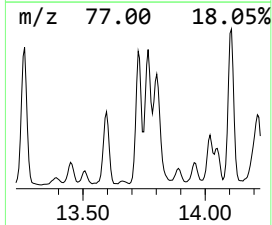
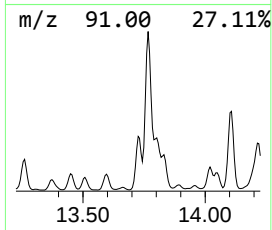
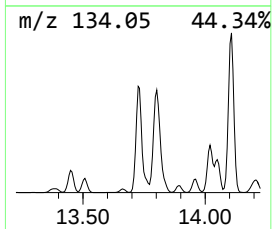
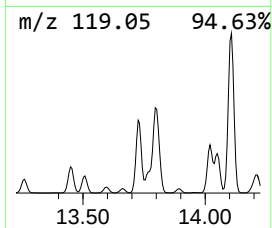
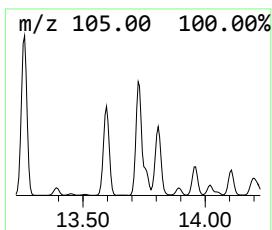
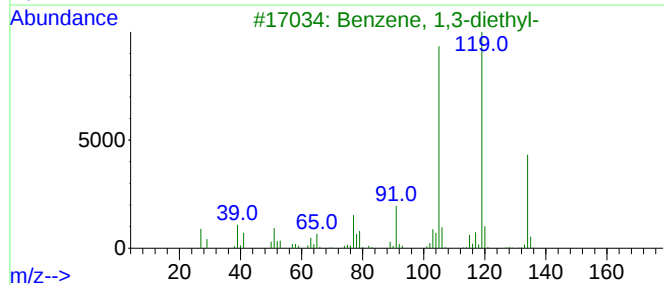
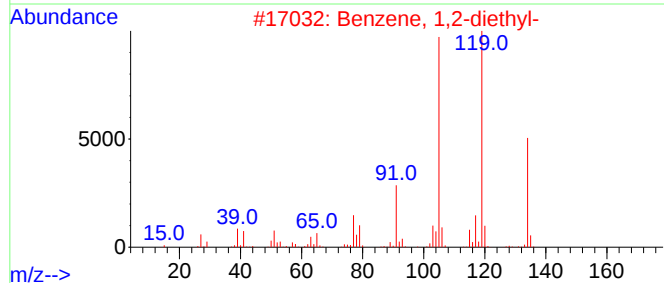
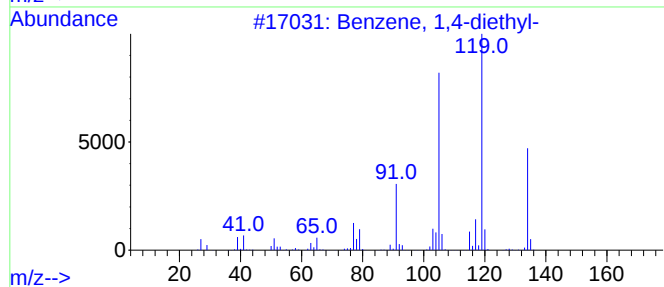
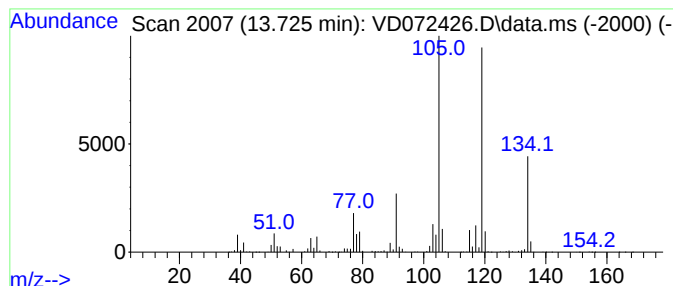
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene, 1,4-diethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.726	521.66 ug/l	21897400	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

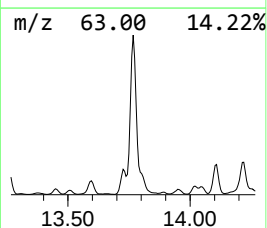
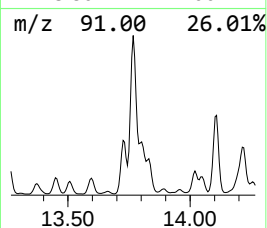
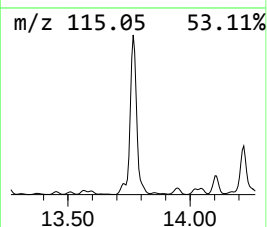
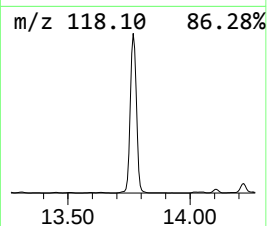
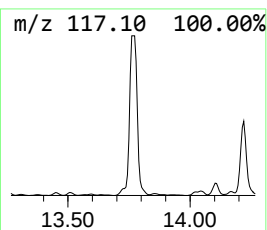
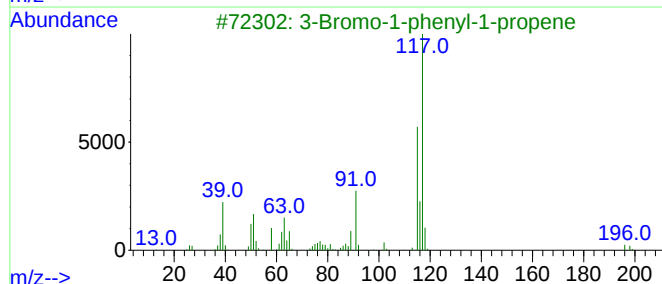
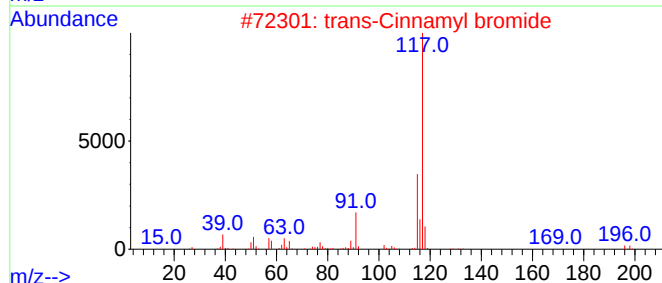
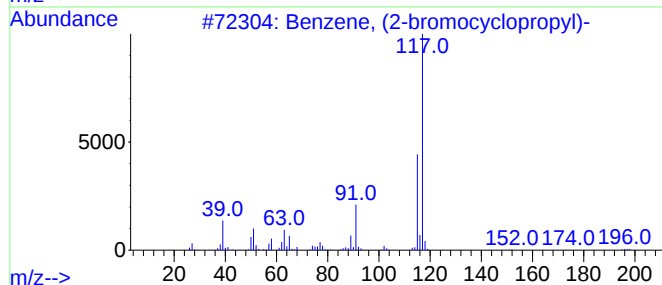
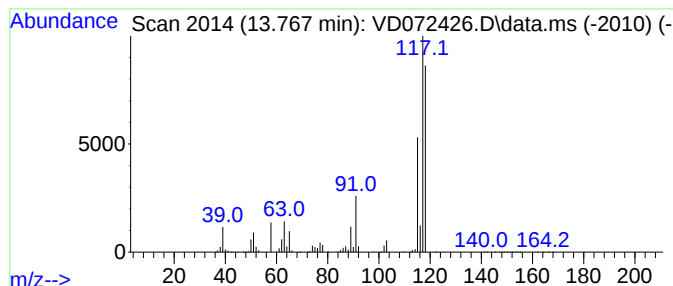
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, (2-bromocyclopropyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.767	1146.34 ug/l	48119200	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	52
2			trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	43
3			3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	38
4			Deltacyclene	118	C9H10	007785-10-6	37
5			Indole	117	C8H7N	000120-72-9	35



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Misc : 5.30G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-12-20220315-16.0-17.0

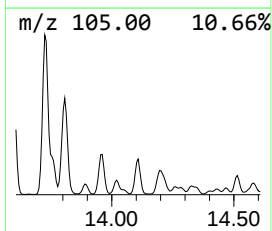
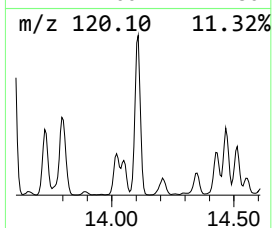
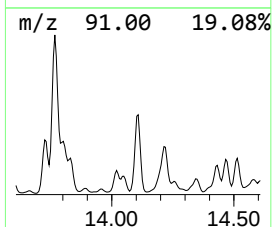
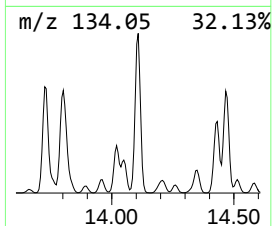
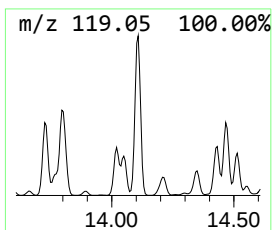
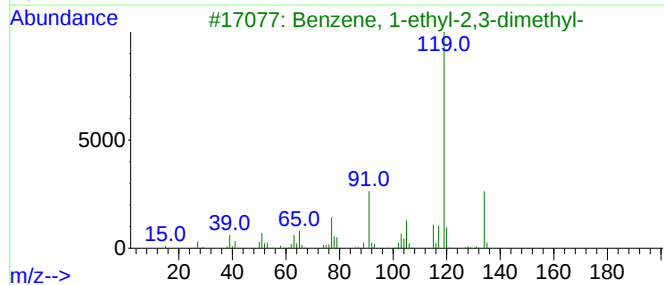
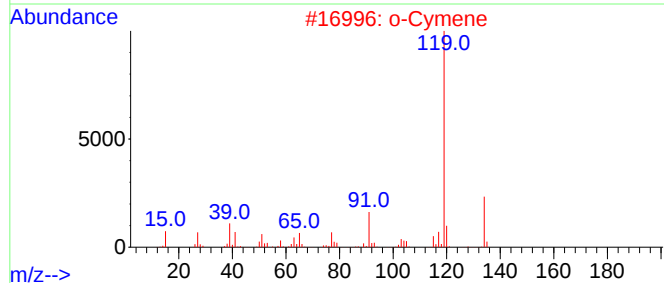
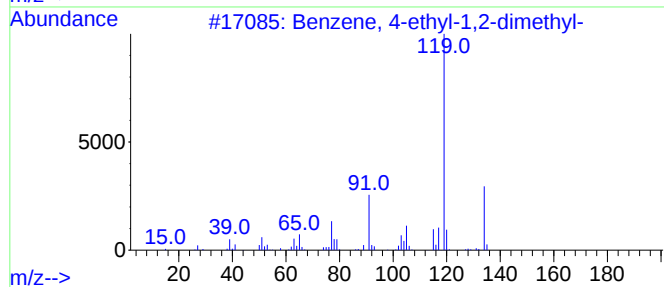
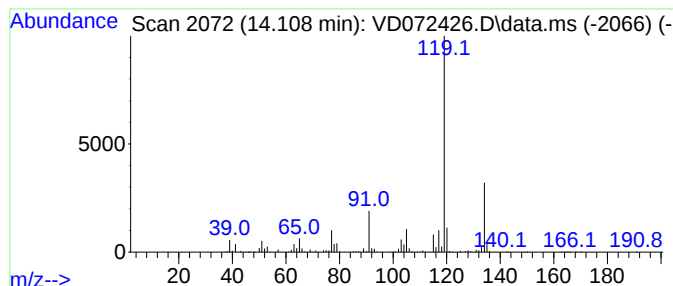
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.108	672.17 ug/l	28215100	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2			o-Cymene	134	C10H14	000527-84-4	95
3			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94



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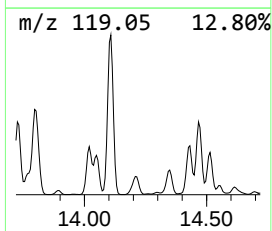
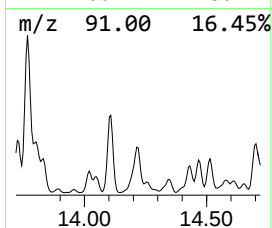
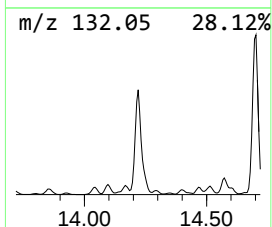
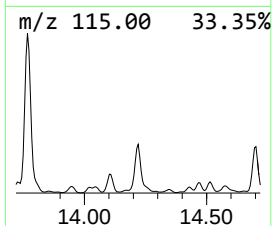
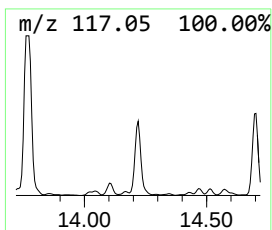
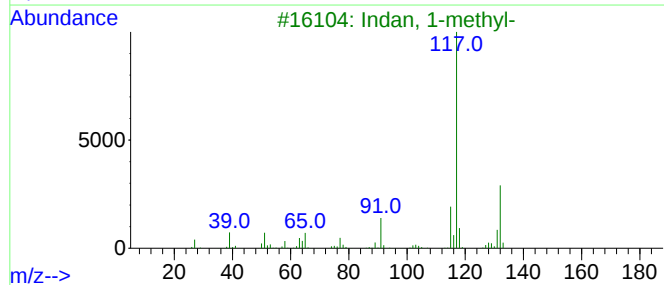
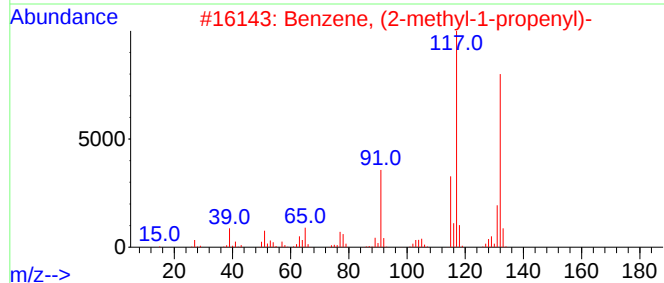
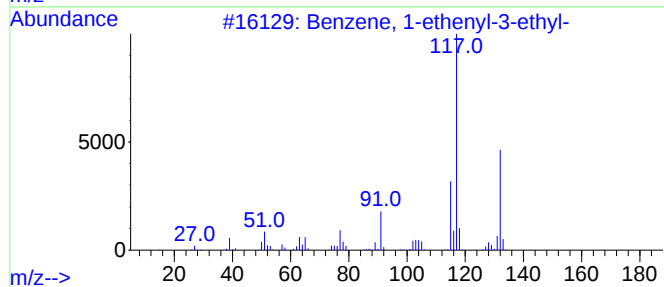
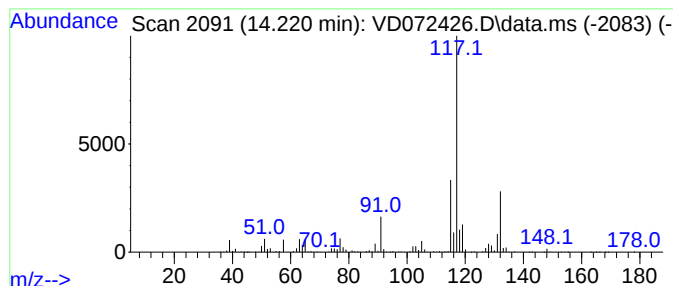
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.220	556.08 ug/l	23342100	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3			Indan, 1-methyl-	132	C10H12	000767-58-8	87
4			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	83
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81



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ClientSampleId :
SB-12-20220315-16.0-17.0

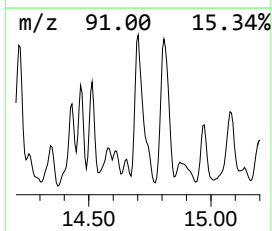
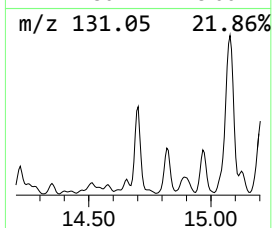
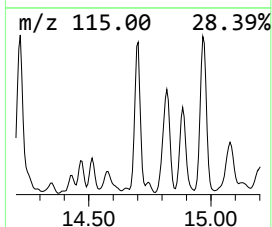
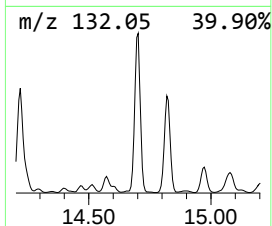
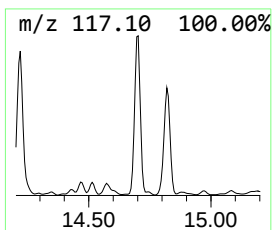
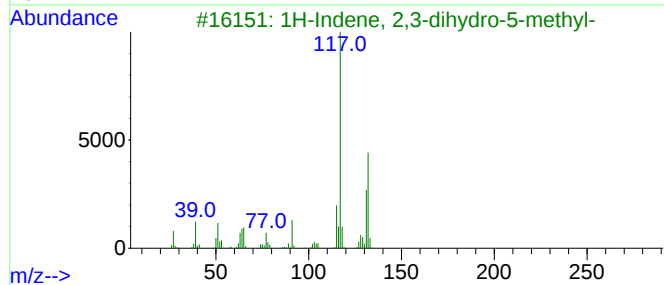
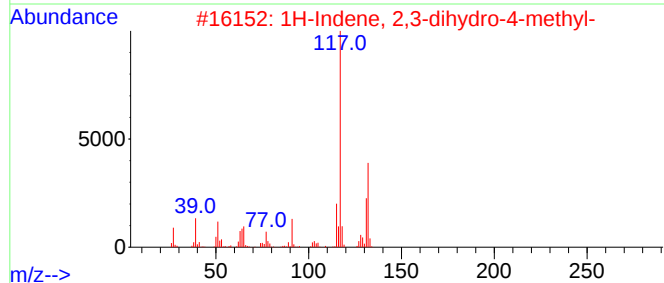
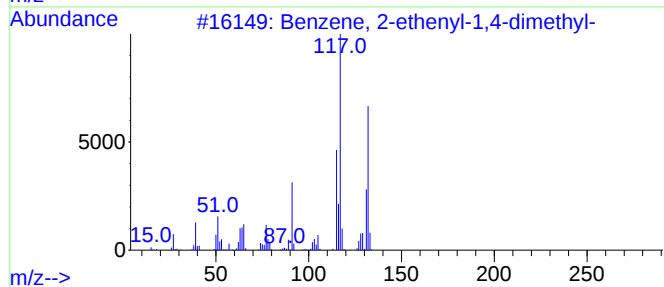
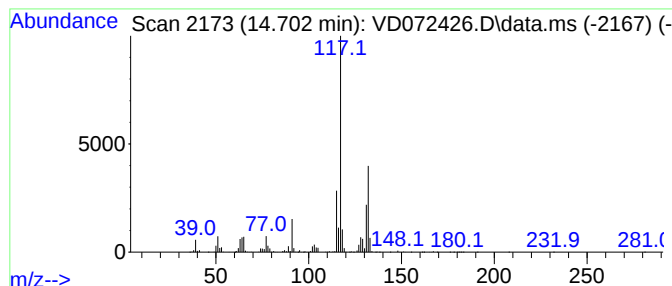
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.702	566.66 ug/l	23786200	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	95
3			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
Data File : VD072426.D
Acq On : 25 Mar 2022 13:51
Operator : VA/SY
Sample : N1977-01
Misc : 5.30G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

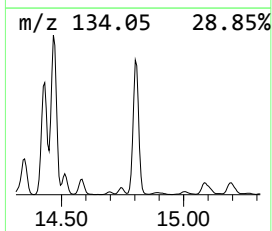
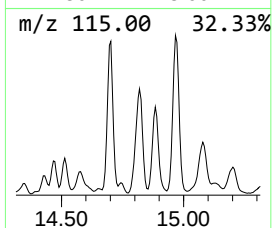
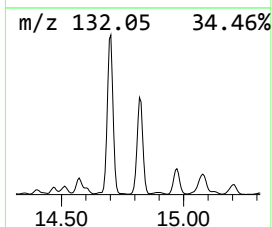
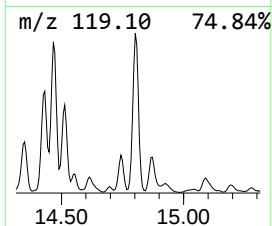
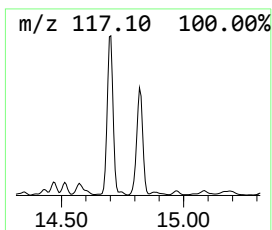
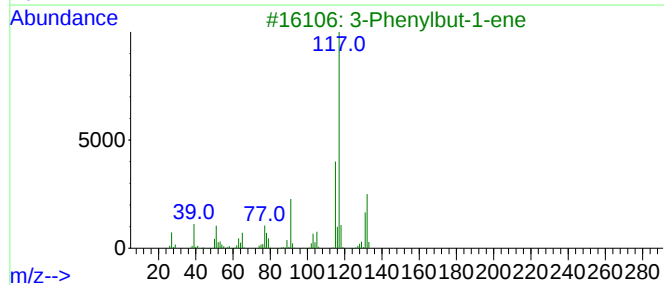
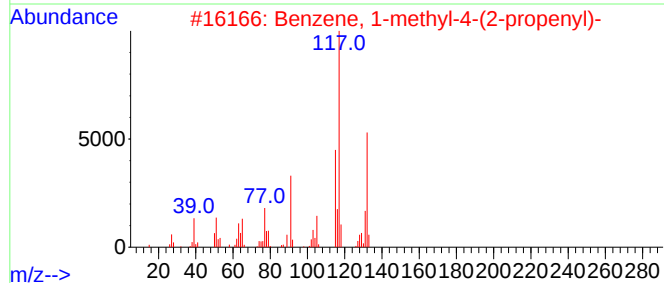
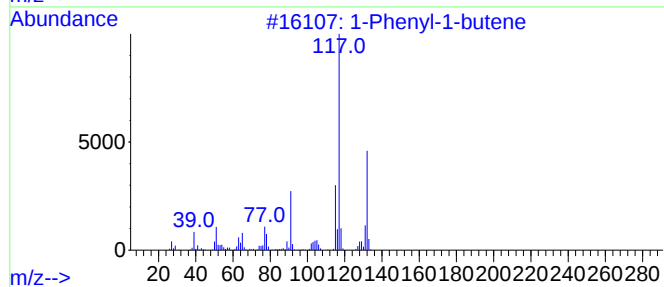
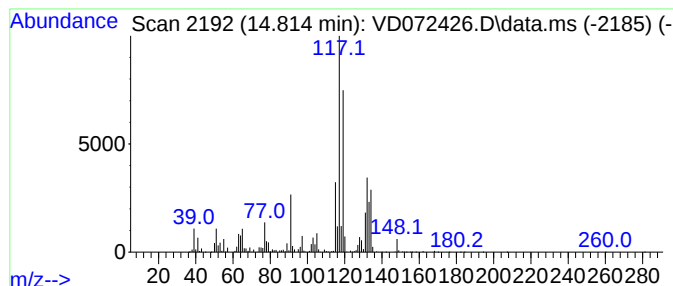
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.814	752.15 ug/l	31572500	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	87
2			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	60
4			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
Data File : VD072426.D
Acq On : 25 Mar 2022 13:51
Operator : VA/SY
Sample : N1977-01
Misc : 5.30G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

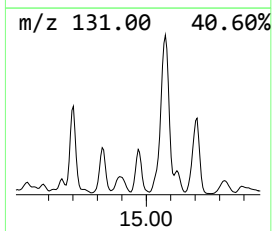
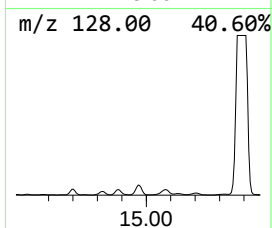
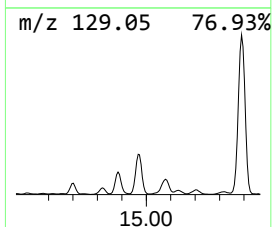
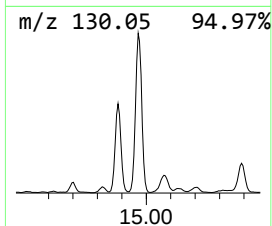
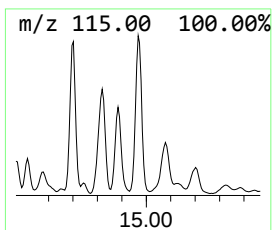
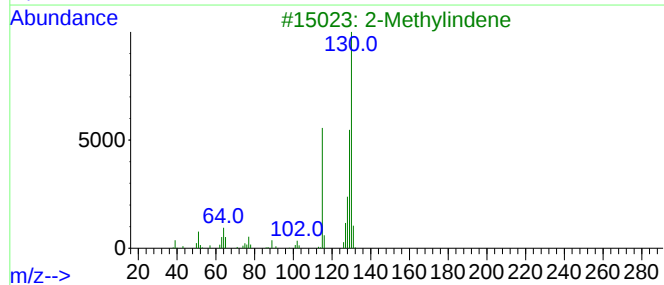
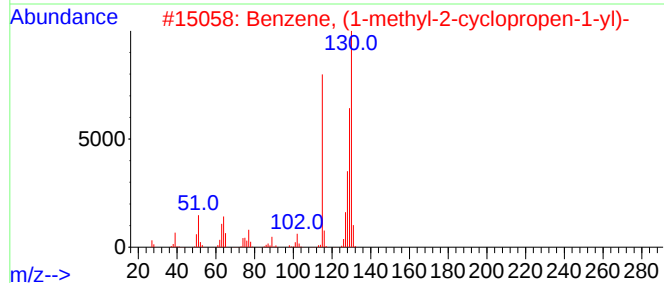
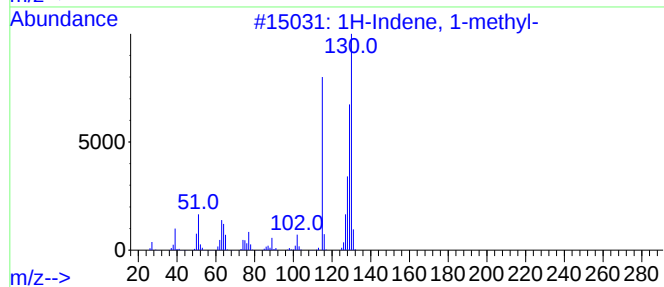
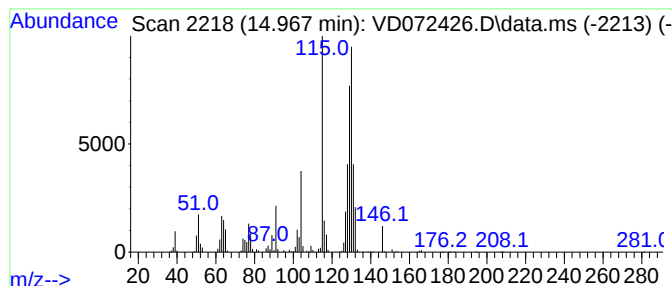
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.967	342.39 ug/l	14372400	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2			Benzene, (1-methyl-2-cyclopropen-1-yl)-	130	C10H10	065051-83-4	93
3			2-Methylindene	130	C10H10	002177-47-1	93
4			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	92
5			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
Data File : VD072426.D
Acq On : 25 Mar 2022 13:51
Operator : VA/SY
Sample : N1977-01
Misc : 5.30G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

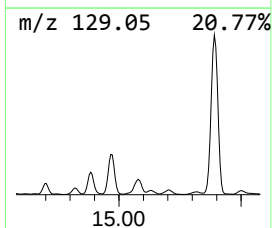
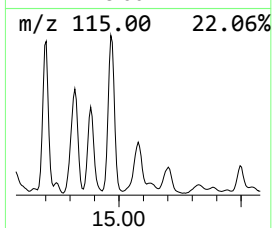
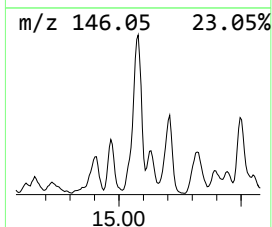
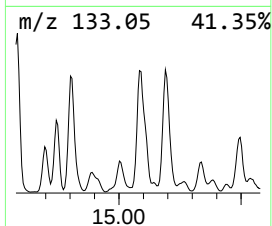
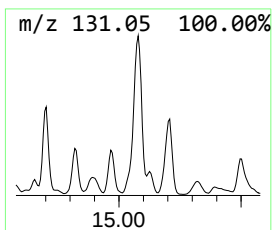
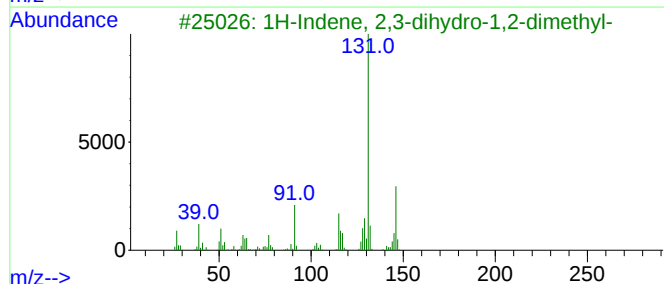
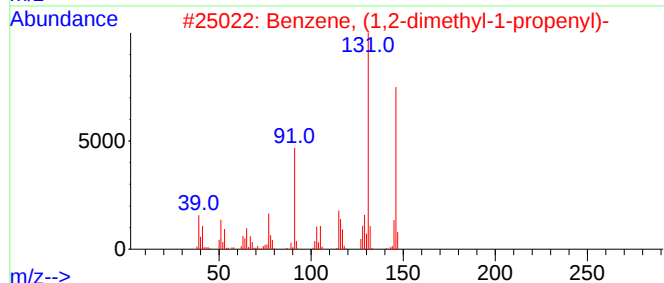
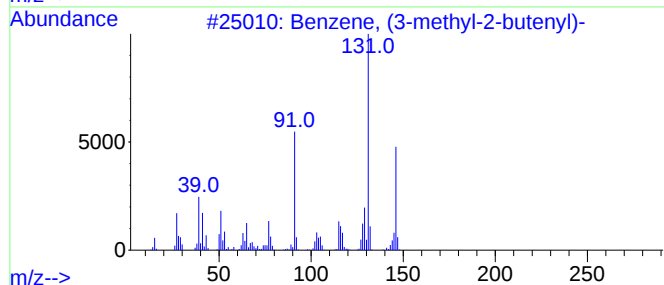
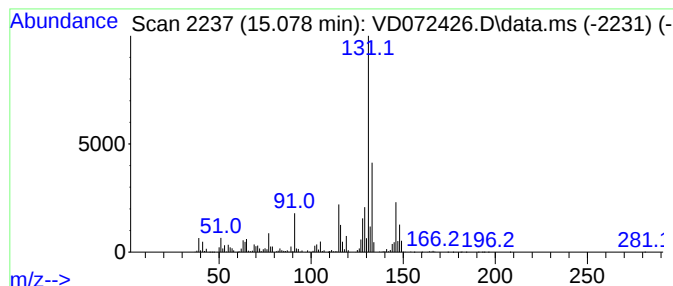
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, (3-methyl-2-butenyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.078	333.30 ug/l	13990500	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86
2			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
3			1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	76
4			Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	76
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
Data File : VD072426.D
Acq On : 25 Mar 2022 13:51
Operator : VA/SY
Sample : N1977-01
Misc : 5.30G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

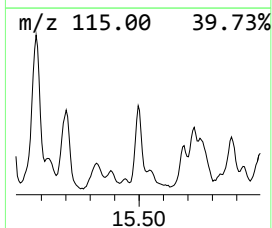
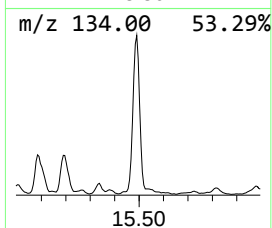
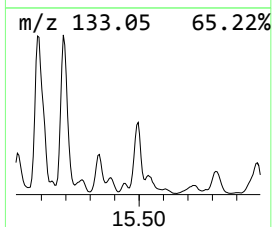
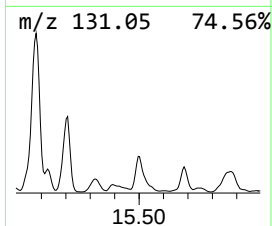
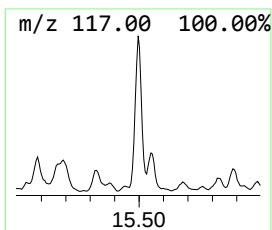
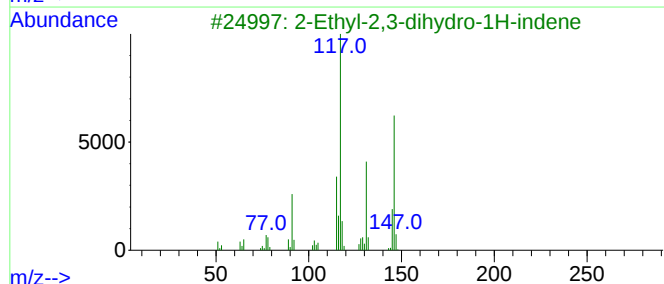
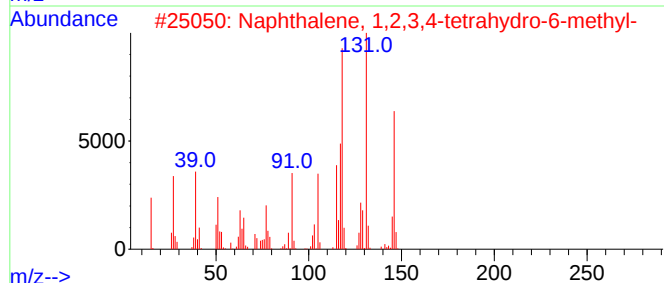
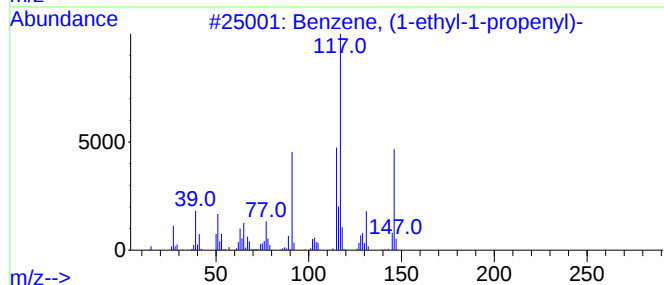
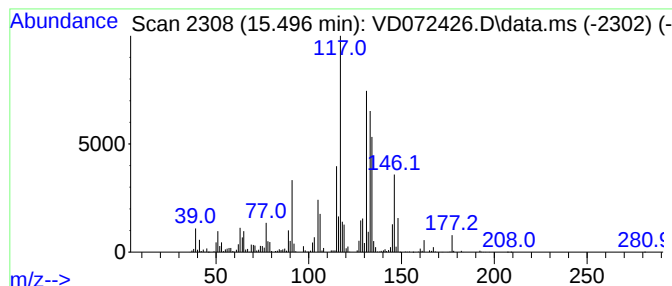
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.496	276.35 ug/l	11600000	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	60
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	50
3			2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	49
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	49
5			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
Data File : VD072426.D
Acq On : 25 Mar 2022 13:51
Operator : VA/SY
Sample : N1977-01
Misc : 5.30G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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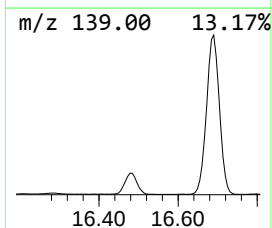
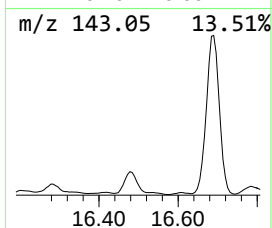
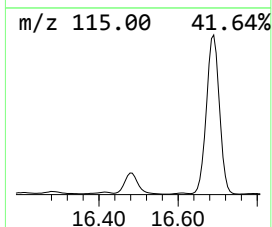
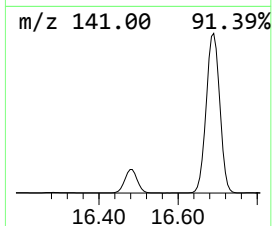
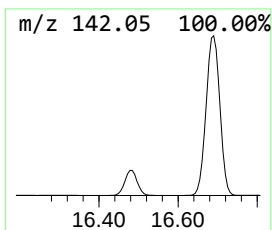
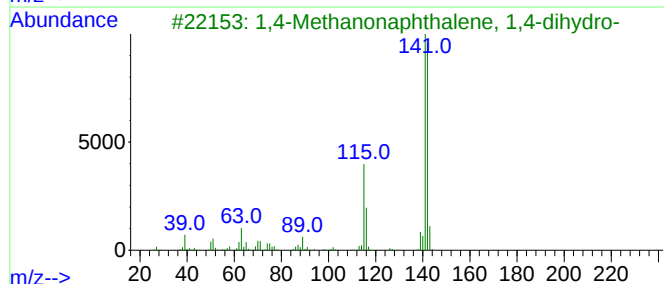
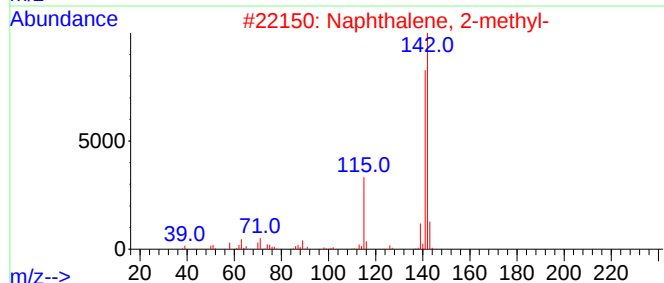
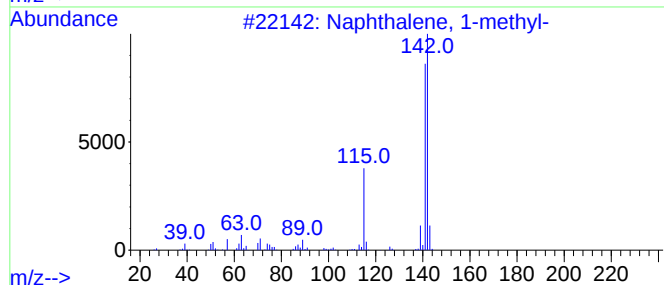
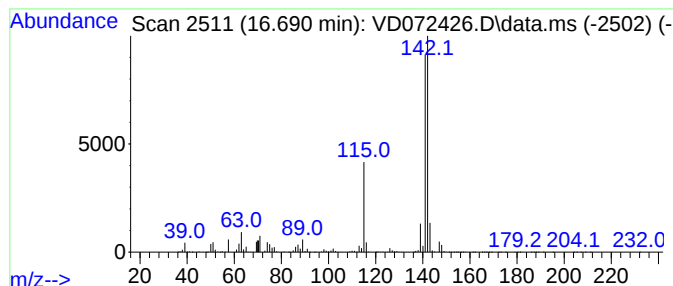
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.690	1489.02 ug/l	62503700	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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-dihy...	142	C11H10	004453-90-1	94
4			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	93
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
Data File : VD072426.D
Acq On : 25 Mar 2022 13:51
Operator : VA/SY
Sample : N1977-01
Misc : 5.30G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzene, (2-bro...	13.767	1146.3	ug/l	48119200	4	13.561	2098810	50.0
Benzene, 4-ethy...	14.108	672.2	ug/l	28215100	4	13.561	2098810	50.0
Benzene, 1-ethe...	14.220	556.1	ug/l	23342100	4	13.561	2098810	50.0
Benzene, 2-ethe...	14.702	566.7	ug/l	23786200	4	13.561	2098810	50.0
1-Phenyl-1-butene	14.814	752.1	ug/l	31572500	4	13.561	2098810	50.0
1H-Indene, 1-me...	14.967	342.4	ug/l	14372400	4	13.561	2098810	50.0
Benzene, (3-met...	15.078	333.3	ug/l	13990500	4	13.561	2098810	50.0
Benzene, (1-eth...	15.496	276.4	ug/l	11600000	4	13.561	2098810	50.0
Naphthalene, 1-...	16.690	1489.0	ug/l	62503700	4	13.561	2098810	50.0