

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
 Data File : VD078073.D
 Acq On : 22 Dec 2023 19:23
 Operator : RP/MD
 Sample : 05993-02
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E8965C-S-002

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\82D120823S.M
 Title : SW846 8260

Signal : TIC: VD078073.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	11.687	1709	1717	1727	rBV	30416075	46450704	22.59%	2.643%
2	11.798	1727	1736	1746	rBV3	85962294	184782568	89.85%	10.515%
3	12.128	1779	1792	1800	rBV2	65914335	108150690	52.59%	6.154%
4	12.422	1836	1842	1849	rBV	17284520	26031783	12.66%	1.481%
5	12.769	1892	1901	1906	rBV2	50180305	82377247	40.06%	4.688%
6	12.828	1906	1911	1913	rBV3	96323287	134132134	65.22%	7.633%
7	12.910	1922	1925	1933	rVB5	99196301	205654497	100.00%	11.703%
8	13.075	1940	1953	1960	rBV3	94543200	169630855	82.48%	9.653%
9	13.139	1960	1964	1970	rVV2	1559863	2738943	1.33%	0.156%
10	13.210	1970	1976	1979	rVV3	99810684	146859356	71.41%	8.357%
11	13.245	1980	1982	1991	rVV3	94725127	107249519	52.15%	6.103%
12	13.345	1991	1999	2004	rVV3	3000085	7583786	3.69%	0.432%
13	13.410	2004	2010	2015	rVV2	5968360	10658236	5.18%	0.607%
14	13.463	2015	2019	2026	rVV	2432354	4982317	2.42%	0.284%
15	13.557	2026	2035	2049	rVV3	96100046	173224097	84.23%	9.857%
16	13.687	2050	2057	2059	rVV	32583165	45638010	22.19%	2.597%
17	13.722	2059	2063	2067	rVV2	80790635	140351548	68.25%	7.987%
18	13.757	2067	2069	2079	rVV2	34030422	52747280	25.65%	3.002%
19	13.845	2079	2084	2089	rVV2	4192780	6352743	3.09%	0.362%
20	13.910	2089	2095	2101	rVV2	5810883	10405717	5.06%	0.592%
21	13.975	2101	2106	2109	rVV	9192965	14515943	7.06%	0.826%
22	14.004	2109	2111	2116	rVV	8481056	11017814	5.36%	0.627%
23	14.063	2116	2121	2127	rVB	23847164	32966471	16.03%	1.876%
24	14.169	2134	2139	2145	rVB2	3276237	4972420	2.42%	0.283%
25	14.304	2156	2162	2167	rBV2	1892417	2959815	1.44%	0.168%
26	14.386	2167	2176	2179	rVV	2395320	4434745	2.16%	0.252%
27	14.422	2179	2182	2187	rVB	2657169	3759223	1.83%	0.214%
28	14.763	2234	2240	2247	rBV2	1891164	4050217	1.97%	0.230%
29	15.328	2325	2336	2347	rVB	7428156	12628096	6.14%	0.719%

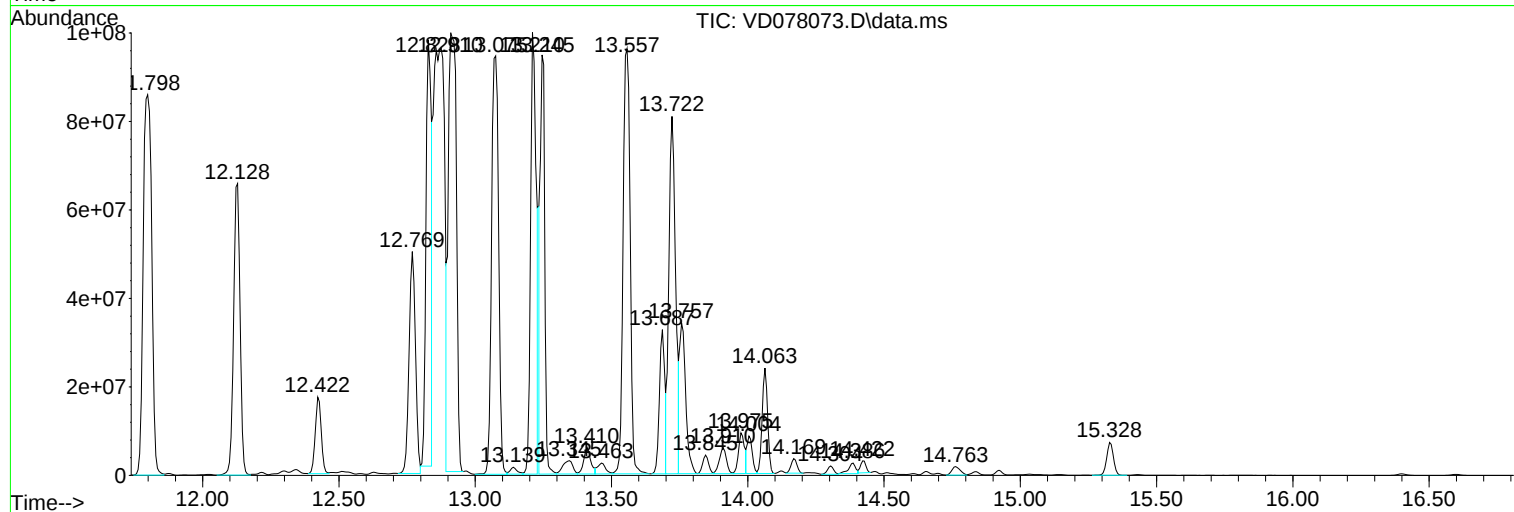
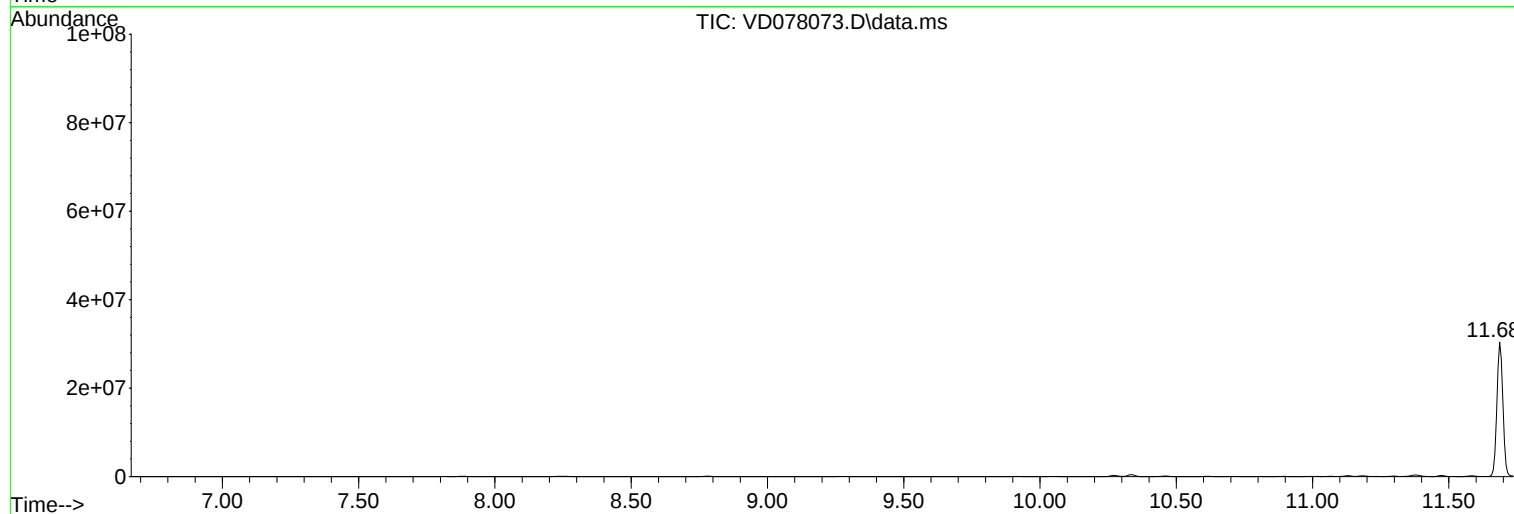
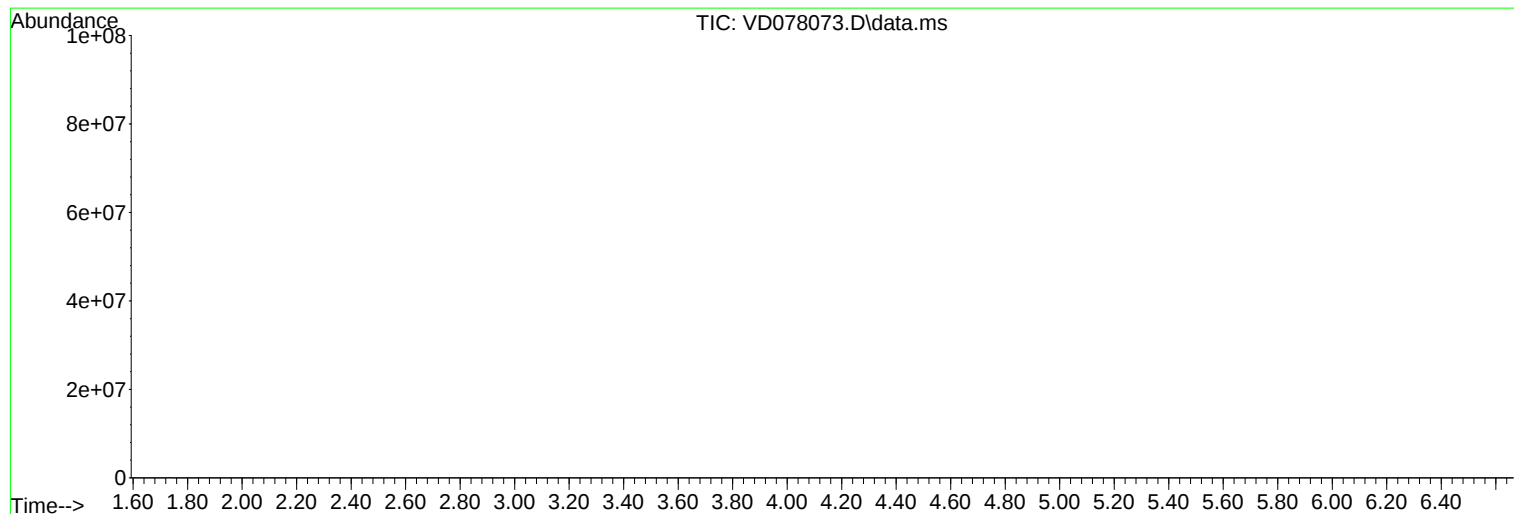
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ClientSampleId :
E8965C-S-002

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

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



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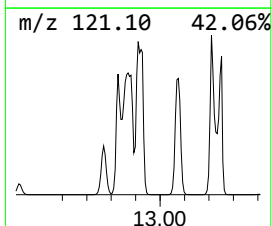
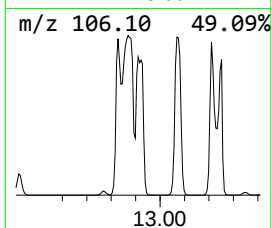
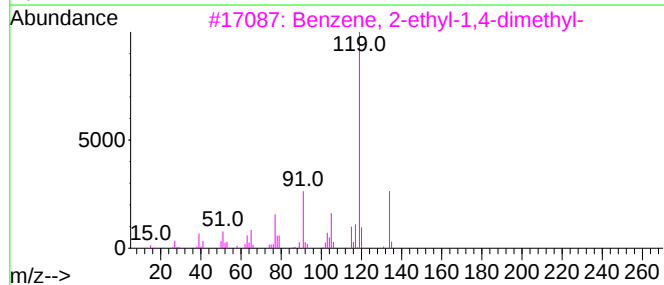
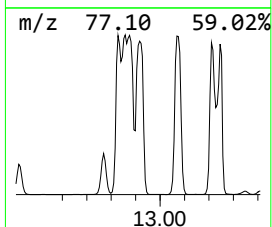
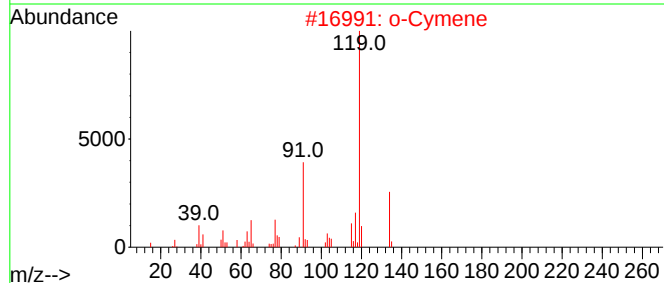
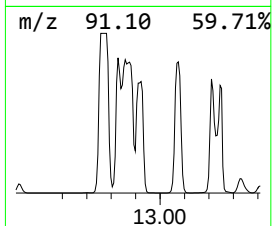
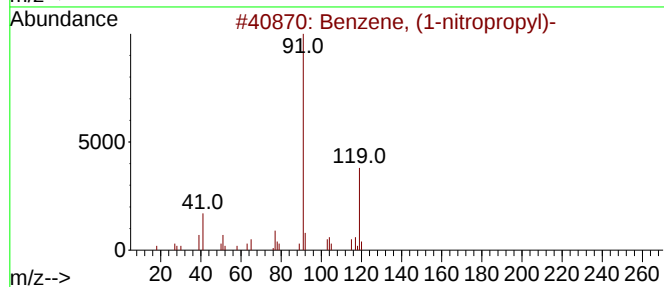
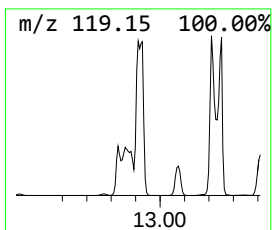
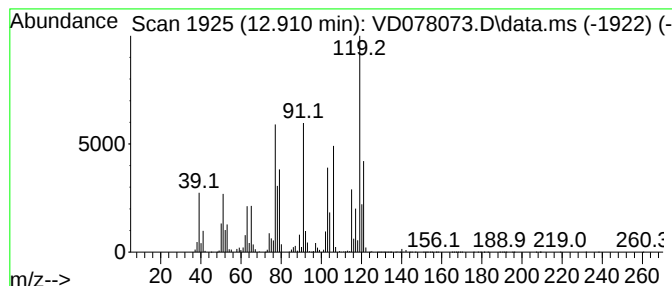
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown12.910 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.910	59.36 ug/l	205654000	1,4-Dichlorobenzene-d4	13.528

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-nitropropyl)-	165	C9H11NO2	005279-14-1	38
2			o-Cymene	134	C10H14	000527-84-4	35
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	32
4			Benzeneethanamine, .beta.-methyl-	135	C9H13N	000582-22-9	27
5			Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	27



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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
E8965C-S-002

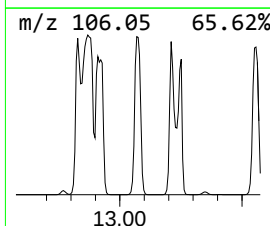
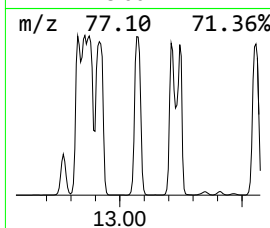
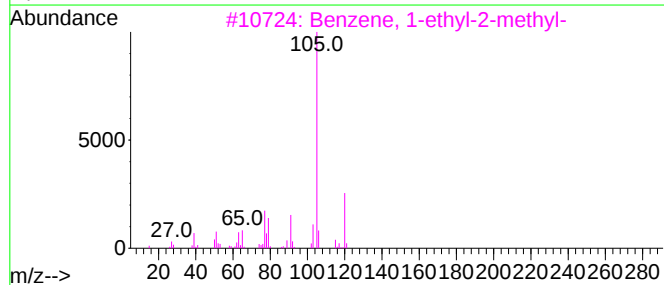
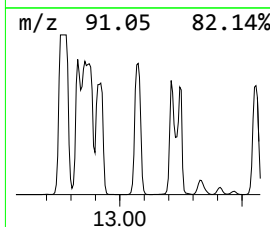
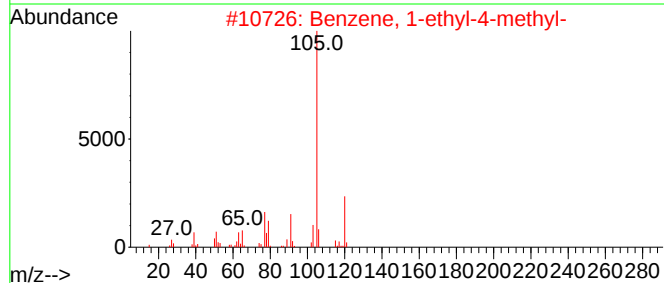
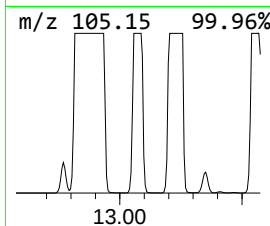
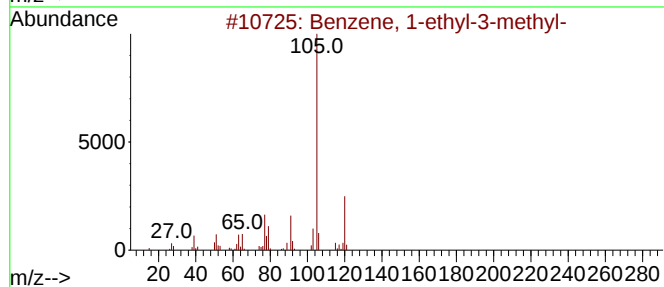
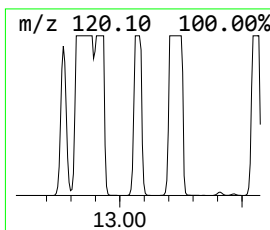
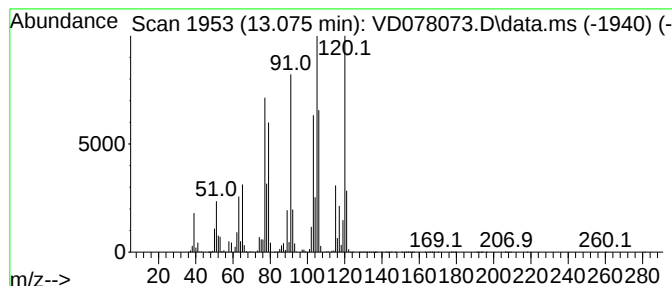
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

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

Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.075	48.96 ug/l	169631000	1,4-Dichlorobenzene-d4	13.528

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	58
3			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	58
4			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	53
5			2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	46



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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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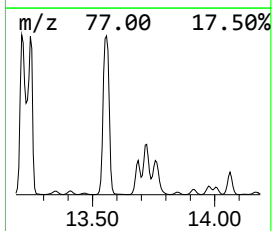
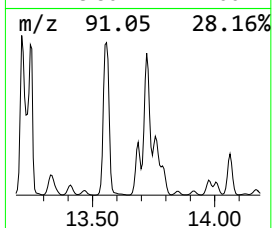
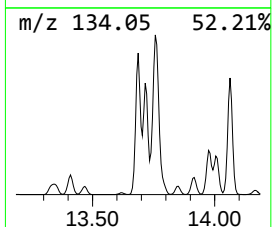
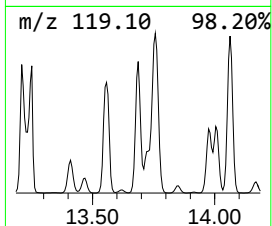
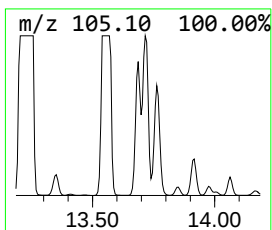
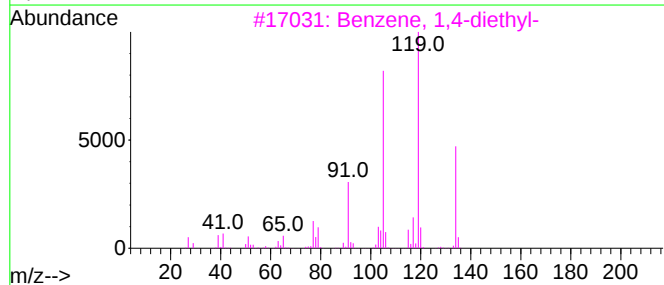
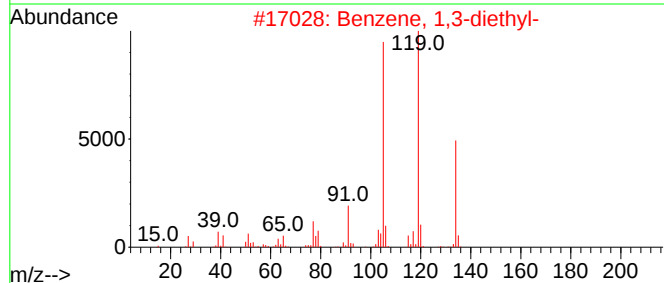
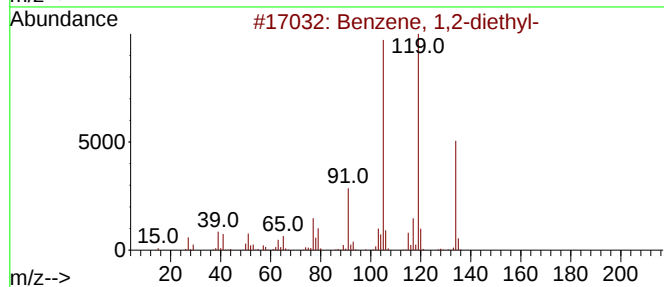
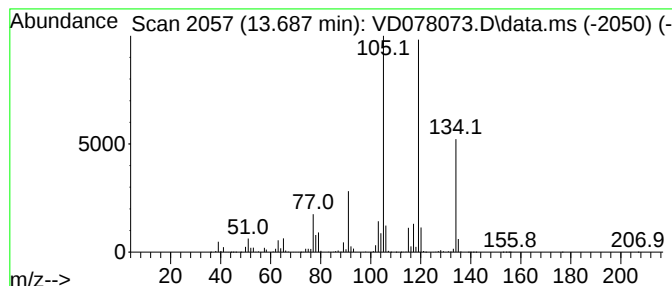
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2-diethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.687	13.17 ug/l	45638000	1,4-Dichlorobenzene-d4	13.528

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4			Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90



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Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

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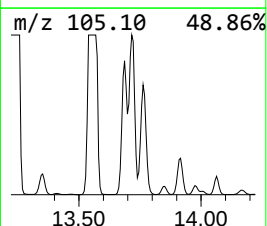
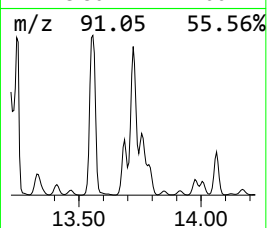
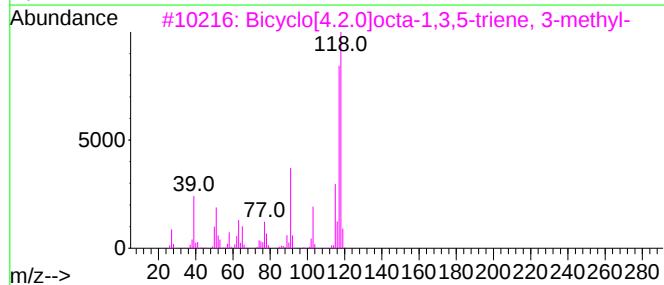
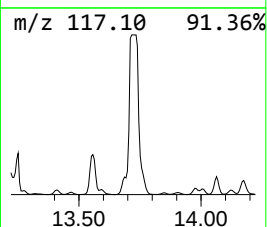
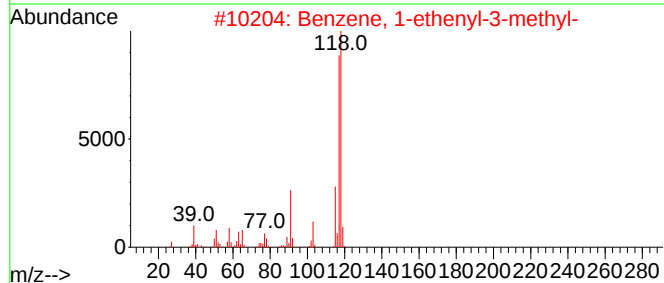
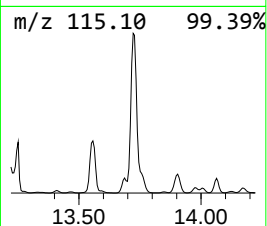
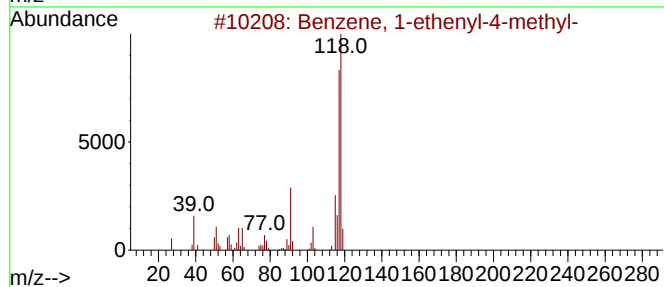
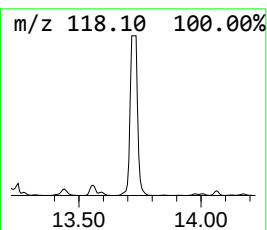
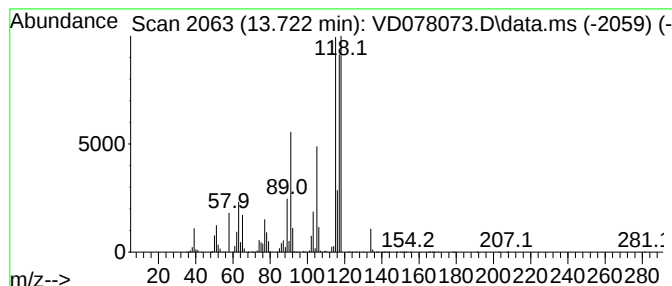
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethenyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	40.51 ug/l	140352000	1,4-Dichlorobenzene-d4	13.528

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	83
2			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	70
3			Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	52
4			Indane	118	C9H10	000496-11-7	49
5			Benzene, 1-propenyl-	118	C9H10	000637-50-3	45



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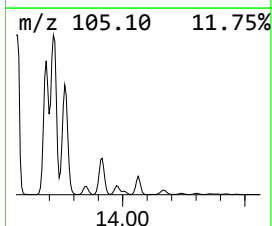
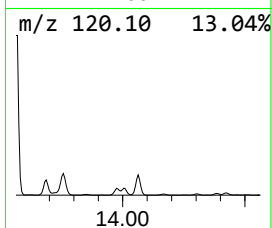
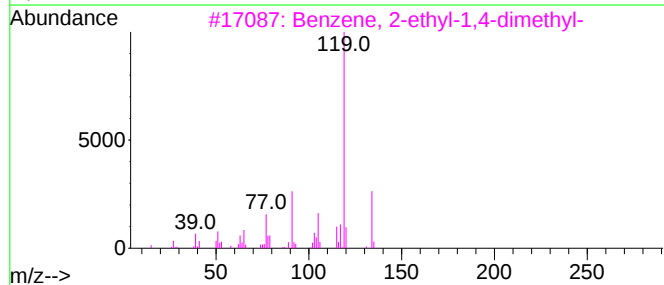
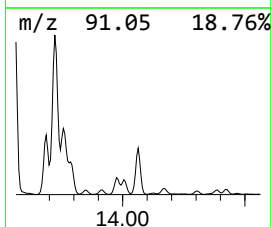
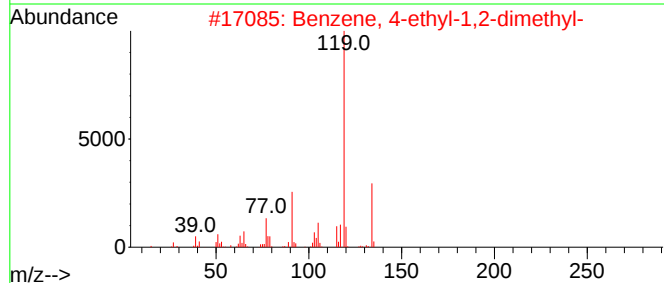
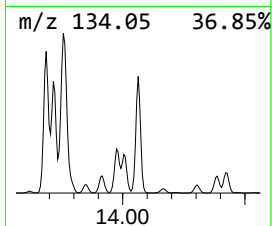
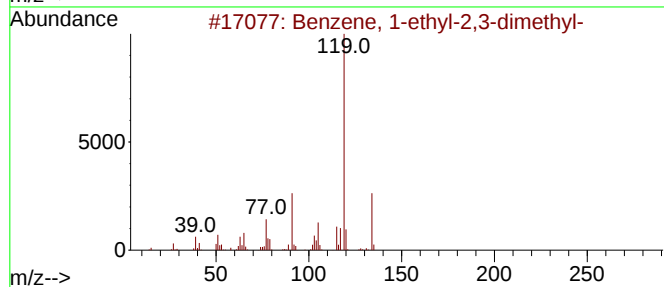
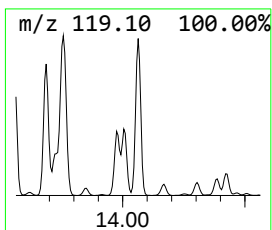
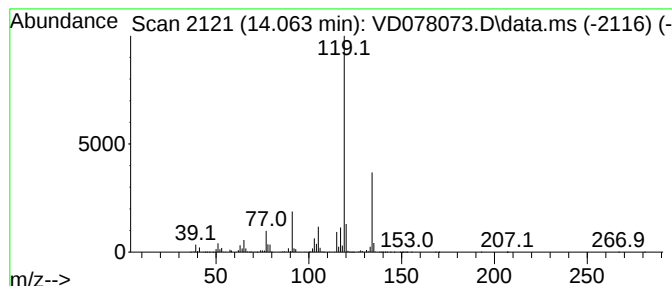
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.063	9.52 ug/l	32966500	1,4-Dichlorobenzene-d4	13.528

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			o-Cymene	134	C10H14	000527-84-4	94
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94



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ClientSampleId :
E8965C-S-002

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.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
unknown12.910	12.910	59.4	ug/l	205654000	4	13.528	173224000	50.0
Benzene, 1-ethy...	13.075	49.0	ug/l	169631000	4	13.528	173224000	50.0
Benzene, 1,2-di...	13.687	13.2	ug/l	45638000	4	13.528	173224000	50.0
Benzene, 1-ethe...	13.722	40.5	ug/l	140352000	4	13.528	173224000	50.0
Benzene, 1-ethy...	14.063	9.5	ug/l	32966500	4	13.528	173224000	50.0